



REGULAR MEETING OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI

Tuesday, December 12, 2023 at 6:00 PM

Agenda

This notice and agenda of the Regular Meeting of the Mayor and Board of Aldermen is hereby given by the undersigned. Said meeting shall be held on Tuesday, December 12, 2023, at 6:00 PM in the Board Room at City Hall, located at 343 Distribution Drive, Gluckstadt, MS 39110.

The business to be brought before the meeting shall be limited to the following:

1. **Opening Prayer and Pledge of Allegiance**
2. **Call Meeting to Order and Roll Call**
3. **Presented Items**
 - A) SafeHaven Baby Box Update, New Gluckstadt Police Department and Municipal Court (Mayor Morrison)
 - B) Recognition of Local Chapter of Girl Scouts of Mississippi (Troop #4367) & Upcoming Anti-Bullying Initiative (Sheree Thompson)
 - C) Recognition of Miss Tougaloo College, Kaitlin E. Myricks
 - D) Recognition of Gluckstadt Christmas Parade Committee (Mayor Morrison)
4. **Approval of Consent Agenda Items**
 - A) Approval of Minutes, 11/14/23
 - B) Approval of Claims Docket
 - C) Approval of Middle Mississippi Building Officials Association Annual Membership Fees (Curtis Jones, Building Inspector/Code Enforcement Officer)
 - D) Request for Discussion and Approval to Remove Flock Safety Cameras from Fixed Assets
 - E) Requesting Approval for Lieutenant Stephen Tucker and Sergeant Brian McCarty to Attend CIP Class

[E\)](#) Sinkhole, Emergency Fix Notification for 111 Aulenbrock Drive (Purchasing, Special Circumstances Form)

5. Monthly Budget Report

[A\)](#) Monthly Budget Report(s)

6. Old Business

[A\)](#) Discussion and Consideration of Draft Rental Inspection Code Ordinance (Request by Alderwoman Williams)

7. City Clerk, City Administration Matters (Lindsay Kellum)

[A\)](#) City Administration Update (City Clerk)

[B\)](#) Monthly Privilege License Report Update (Scott Maugh, Deputy Clerk)

[C\)](#) Delinquent Privilege Licenses, Enforcement (Draft Letter from Legal)

[D\)](#) Request for Flex Spending Cafeteria Plan Account Replenishment, Supplemental Benefits

8. Court Clerk, Municipal Court Department (Stephanie Gerlach)

[A\)](#) Court Services, Monthly Update (Stephanie Burton, Court Clerk)

9. Grant Administrator, Grant Status Updates (Ruth Marie Stogner)

[A\)](#) General Update, Grant Administration (Ruth Stogner, Grant Administrator)

10. Building Official, Planning and Zoning Matters (William Hall)

[A\)](#) November 28th, 2023, Planning and Zoning Board Meeting

[B\)](#) Discussion and Consideration of AT&T Conditional Use

[C\)](#) Discussion and Consideration of AT&T Site Plan

[D\)](#) Discussion and Consideration of Magnolia District Conditional Use

[E\)](#) Discussion and Consideration of Magnolia District Site Plan

[F\)](#) Discussion and Consideration of Puckett Machinery Conditional Use

[G\)](#) Discussion and Consideration of Puckett Machinery Site Plan

11. Public Works Department (Chris Buckner)

[A\)](#) Request for Approval to Purchase of 42" Brush Cutter

[B\)](#) Request to Approve Crystal Clean Contract Amendment

- C) Request for Acceptance of Ridgefield Subdivision Street Light Expenses
- D) Request to Approve UPS Install at MDOT Signals, MOU with MDOT
- E) Request to Repair Various Sinkholes, Bradshaw Crossing Subdivision

12. Police Chief, Police Department Matters (Chief Barry Hale)

- A) General Law Enforcement Updates (Chief Barry Hale)
- B) Requesting the Mayor and Board of Alderman Approve the Motorola Solutions Contract for E911 CAD Dispatch
- C) Memo Requesting the Approval for Three Motorola Control Stations for Dispatch
- D) Requesting the Mayor and Board of Alderman Approve the Purchase of Two Motorola Consoles and Backup Radio.

13. Public Comment

14. Closed Session to Determine Need for Executive Session

- A) Request for Consideration to Hire Maintenance Worker II, Public Works

15. Adjourn

WALTER C. MORRISON, IV
MAYOR

We the undersigned Aldermen acknowledge that we were given notice of said meeting at least three (3) hours in advance thereof by a copy of this notice.

Alderwoman Bates _____

Alderman Powell _____

Alderman Slay _____

Alderman Taylor _____

Alderwoman Williams _____

ATTEST: _____ DATE: _____

LINDSAY D. KELLUM
CITY CLERK

[Seal]

From: [Alan Grant](#)
To: [Walter Morrison](#); [Lindsay Kellum](#)
Cc: [John Dant](#); [Chris Deupree](#); "[David Marsh](#)"
Subject: FW: Baby Box Proposal
Date: Monday, November 27, 2023 7:52:45 AM
Attachments: [Baby Box CO Proposal.pdf](#)

Mayor and Lindsay,

See below and attached. Dean Architecture will not charge any design fees on this work to help offset the costs.

Let us know if you have any questions.

Thanks

Alan.

J. Alan Grant, AIA, NCARB | Principal

Dean Architecture, P.A.

661 Sunnybrook Road, Suite 140
Ridgeland, MS 39157 | 601.939.7717 Ext 120
agrant@deandean.com
www.deandean.com

From: Chris Deupree <cdeupree@benchmarkms.com>
Sent: Monday, November 27, 2023 7:23 AM
To: Alan Grant <agrant@deandean.com>; John Dant <jdant@deandean.com>
Cc: David Marsh <dmarsh@benchmarkms.com>
Subject: Baby Box Proposal

Attached is the Baby Box Proposal.

It shows a cost of \$15,938.00. Benchmark will forgo any overhead and profit on this one so the price will be \$14,344.00

Project name Gluckstadt Baby Box

Report format Sorted by 'Group phase/Phase'
'Detail' summary

| Item | Description | Takeoff Qty | Unit Cost | Labor | Amount | Unit Cost | Material | Amount | Subcontract | Amount | Equipment | Amount | Other | Amount | Total |
|--|---------------------------------------|-------------|-----------|------------|------------|--------------|----------|--------------|--------------|--------------|------------|------------|----------|----------|--------------|
| 06.000 Wood & Plastic | | | | | | | | | | | | | | | |
| 06.200 | Rough Framing | 1.00 | mbr | 200.00 | 200 | 200.00 | /mbr | 200 | - | - | - | - | - | - | 400 |
| | Rough Framing | | | 200 | 200 | 200 | | 200 | | | | | | | 400 |
| | Wood & Plastic | | | 200 | 200 | | | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 400 |
| 07.000 Waterproof Roofing & Caulk | | | | | | | | | | | | | | | |
| 07.900 | Caulk & Seal | 1.00 | lsum | 200.00 | 200 | 200.00 | /lsum | 200 | - | - | - | - | - | - | 400 |
| | Caulk & Seal | | | 200 | 200 | 200 | | 200 | | | | | | | 400 |
| | Waterproof Roofing & Caulk | | | 200 | 200 | | | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 400 |
| 08.000 Doors & Windows | | | | | | | | | | | | | | | |
| 08.100 | Doors & Frames | 1.00 | each | 150.00 | 150 | 1,463.00 | /each | 1,463 | - | - | - | - | - | - | 1,613 |
| | Hollowmetal Frames | | | | | 0.00 | | 0 | 250 | 250 | | | | | 250 |
| | 30 Wood Doors | 1.00 | each | | 150 | 1,463 | | 1,463 | 250 | 250 | | | | | 1,863 |
| | Doors & Frames | | | | | | | | | | | | | | |
| | Doors & Windows | | | 150 | 150 | 1,463 | | 1,463 | 250 | 250 | 0 | 0 | 0 | 0 | 1,863 |
| 09.000 Finishes | | | | | | | | | | | | | | | |
| 09.200 | Drywall & Metal Studs | 1.00 | lsum | | | | | | 1,720 | 1,720 | | | | | 1,720 |
| | Drywall Subcontractor | | | | | | | | | | | | | | |
| | Drywall & Metal Studs | | | | | | | | | | | | | | |
| 09.500 | VCT & Base | 1.00 | lsum | | | | | | 200 | 200 | | | | | 200 |
| | VCT Subcontractor | | | | | | | | | | | | | | |
| | VCT & Base | | | | | | | | | | | | | | |
| 09.900 | Finish Paint & VWC | 1.00 | lsum | | | | | | 1,524 | 1,524 | | | | | 1,524 |
| | Finish & Paint Subcontractor | | | | | | | | | | | | | | |
| | Finish Paint & VWC | | | | | | | | | | | | | | |
| | Finishes | | | 0 | 0 | 0 | | 0 | 3,444 | 3,444 | 0 | 0 | 0 | 0 | 3,444 |
| 10.000 Specialties | | | | | | | | | | | | | | | |
| 10.500 | Security Specialties | 1.00 | lsum | 700.00 | 700 | 250.00 | /lsum | 250 | - | - | - | - | - | - | 1,050 |
| | Baby Box Install | | | | | | | | | | | | | | |
| | Security Specialties | | | 700 | 700 | 250 | | 250 | | | | | | | 1,050 |
| | Specialties | | | 700 | 700 | 250 | | 250 | 0 | 0 | 100 | 100 | 0 | 0 | 1,050 |
| 15.000 Mechanical | | | | | | | | | | | | | | | |
| | HVAC Contractor | 1.00 | lsum | | | | | | 1,200 | 1,200 | | | | | 1,200 |
| | HVAC Subcontractor | | | | | | | | | | | | | | |

| Item | Description | Takeoff Qty | Unit Cost | Labor | Amount | Unit Cost | Material | Amount | Subcontract | Amount | Equipment | Amount | Permit | Amount | Other | Amount |
|--------|--------------------------|-------------|-----------|-------|--------|-----------|----------|--------|-------------|--------|-----------|--------|--------|--------|-------|--------|
| | HVAC Contractor | | | | 0 | | | 1,200 | | | | | | | | 1,200 |
| | Mechanical | | | | 0 | | | 1,200 | | | | | | | | 1,200 |
| | Electrical | | | | | | | | | | | | | | | |
| 16.100 | Electrical Contractor | 1.00 | Isum | | | | | 3,775 | | | | | | | | 3,775 |
| | Electrical Subcontractor | | | | | | | | | | | | | | | |
| | Electrical Contractor | | | | | | | 3,775 | | | | | | | | 3,775 |
| | Electrical | | | | 0 | | | 3,775 | | | | | | | | 3,775 |

Estimate Totals

| Description | Amount | Totals | Hours | Rate | Cost Basis Cost per Unit | Percent of Total |
|-------------------|---------------|--------|-------|----------|--------------------------|--------------------|
| Labor | 1,250 | 12,132 | | | | 7.84% |
| Material | 2,113 | | | | | 13.26% |
| Subcontract | 8,669 | | | | | 54.39% |
| Equipment | 100 | | | | | 0.63% |
| Other | | | | | | |
| | <u>12,132</u> | 12,132 | | | | <u>76.12</u> ##### |
| Labor Burden | 538 | | | 43,000 % | | 3.37% |
| Builders Risk | 239 | | | 1,500 % | | 1.50% |
| General Liability | 239 | | | 1,500 % | | 1.50% |
| Owners Risk | 239 | | | 1,500 % | | 1.50% |
| Permit | 80 | | | 0,500 % | | 0.50% |
| Bond | 319 | | | 2,000 % | | 2.00% |
| Sales Tax | 558 | | | 3,500 % | | 3.50% |
| OHP | 1,594 | | | 10,000 % | | 10.00% |
| Total | 15,938 | | | | | |

14 344 00



PROPOSAL

HARDWARE / BUILDING PRODUCTS

112 Business Park Dr. Ridgeland, MS 39157

ISSUE DATE: November 6, 2023

TO: Benchmark Construction
Attn: Chris Deupree

JOB: Gluckstadt PD & Municipal Court
"Baby Box" Room Quote
Gluckstadt, Mississippi

WE PROPOSE TO FURNISH THE FOLLOWING MATERIAL FOR THE SUM OF \$ 1,463.00 *

One Thousand Four Hundred Sixty Three Dollars & 00 Cents *

- (1) - Ea. Hollow Metal Frame - Prime Finish
- (1) - Ea. Premachined & Prefinished Wood Door

* Finish Hardware is to be covered by the Hardware Allowance & is not included in the price stated above. *

EXCLUSIONS

- (1) Glass & Glazing
- (2) All Installation
- (3) Field Painting & Staining

Terms are net 30 days of delivery, without retainage, and plus any and all applicable taxes, FOB warehouse with freight allowed to motor freight station nearest job site. Delivery to carrier shall constitute delivery to purchaser. This proposal is subject to acceptance within 30 days, or before earlier withdrawal by seller. Installation and/or allowances are not included in the above pricing unless otherwise noted.

Accepted:

By:

Skip Peters

Date:

CAPITOL HARDWARE COMPANY, INC

Chris Deupree

From: Park Murray <pmurray@acousticsinc.biz>
Sent: Tuesday, November 7, 2023 9:44 AM
To: Chris Deupree
Subject: RE: Gluckstadt Police Department

Chris,
Option #1 Add \$ 1,720.00 for added wall.

Thanks,

Park Murray
Acoustics Inc.
pmurray@acousticsinc.biz
209 Park Court
Ridgeland, MS. 39157
601-607-7077 Phone
601-790-1846 Direct
601-607-7038 Fax

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From: Chris Deupree <cdeupree@benchmarkms.com>
Sent: Friday, November 3, 2023 11:27 AM
To: 'mvg11855@yahoo.com' <mvg11855@yahoo.com>; Alex Pickett <alex@gulleyswelding.com>; Skip Peters <skip@caphdw.com>; Park Murray <pmurray@acousticsinc.biz>; metropainting8@aol.com; Lana Chandler <lane@glassincorporated.net>; David Graves <dgraves@jroberts.com>; David Bearden <david.bearden@shiversconstruction.com>; Wayne Cordiner <wcordiner@firexsystems.com>
Cc: Willie Edmond <wedmond@benchmarkms.com>
Subject: Gluckstadt Police Department

The owner has requested that we provide them a cost to install a donated "Baby Box". It will be located at option #1 but it will replace the window "G" and a wall added with door etc. Please see the attached baby box information and new drawings for the extent of your pricing. The owner is looking to raise funds through donations so we need this priced quickly please. If your work is unaffected please let me know.

Chris and David, please work up a cost of the work based on the following:

- Remove the window on the outside of the building and replace with the installation of the Safe Haven Baby Box
- Add required electrical and communications connections to the box
- Add a wall in the end of the lobby space that goes to the deck above
- Add a door into the Courtroom that is secure and has access control tied back to dispatch
- Add ceiling tile and grid, HVAC, and Lights in the room
- Add fire sprinkler in the room



SHIVERS CONSTRUCTION CO., LLC

Electrical Contractors

901 S. WEST STREET
P.O. BOX 22605
JACKSON, MS 39225
601-968-0145
601-968-0144 fax

Project: Gluckstadt Police Department

Re: PCO for Baby Box

Attn: Chris Dupree

Proposed Change Scope:

This price is to provide a turnkey installation for the above-mentioned systems. The Price provided includes the following.

- 120v 20 amp dedicated circuit.
- 4 Stub ups for security and access controls
- 2- data cables
- 1 new light (strip light)- pending Engineers revised drawings.
- 1 new switch.

Total Cost: \$3,775.00

CR #16433

Thank you for the opportunity to provide this quote!

PRICE GOOD FOR THIRTY DAYS.

David Bearden

Project Manager

Shivers Construction Co., LLC.

PH: (601)968-0145



Metro Painting

DATE: 11.6.2023

JOB NAME: Gluckstadt Police Station – Baby Box

Metro Painting, Inc. proposes to furnish labor, material and equipment for the following scope of work:

Baby Box as per instructions

Option 1: \$1,524

Option 2: \$500

Metro Painting will not be responsible for any damage to our finished work created by others.

Michael Grace

Certificate of Responsibility #15746

5201 I-55 South, Byram, MS 39272
p: 601-502-1020 f: 601-372-0467 e: metropainting8@aol.com



PROPOSAL

COMPANY Benchmark **DATE** November 08, 2023
CONTACT Chris Deupree **CR #** 13941-MC
PROJECT City of Gluckstadt Police Station and Municipal Court ADD BABY BOX

SCOPE OF WORK

Plumbing (Piping to 5' outside building)

- NONE

Mechanical

- Relocate associated ductwork and two supply grilles to accommodate new lobby due to construction of wall to deck
- Add one new supply grille and a double return transfer grille and required ductwork to connect to existing system in this space. This is pending final design from engineer.

Outside Utilities (See below for cost to be ADDED to base bid for this scope)

- NONE

Exclusions:

Tax, Bond (**Bond Rate 1.25%**), Electrical, Fire Protection, Temporary facilities and Controls, Storm piping, Final cleaning of fixtures, **roof patching/warranty**, structural supports/structural framing, **Housekeeping/Equipment concrete pads**, painting of exposed piping/ductwork, patching/painting of walls, floors or ceilings, **patching of concrete or asphalt**, coordination drawings, **Select Fill/ Select bedding materials, Dumpster, Downspouts, Downspout leaders, Storm Drainage.**

PRICING

| | |
|--|-------------------|
| BASE BID: Pending final design from engineer. | \$1,200.00 |
| | |
| | |

ACCEPTANCE

| | |
|---|---|
| This proposal may be withdrawn by J.L. Roberts Mechanical if not accepted within 14 days. PROPOSAL ACCEPTANCE The above prices, specifications and conditions are satisfactory and are hereby accepted. J.L. Roberts Mechanical is authorized to perform the work as specified. Payment will be made as outlined in the contract documents. | David Graves <i>J.L. Roberts Mechanical Authorized Representative</i> |
| | |

Standing Together

Our Stand Together initiative promote activities at school and in the community to raise awareness against bullying.

We are here today to ask for your support! We encourage everyone in the community to Stand up and Speak Up against bullying in our schools and in our community.

In our schools:

We are spreading kindness and words of encouragement.

We are creating art for visual awareness throughout the school.

We are engaging other students for support as school greeters.

We are teaching skills to help with managing conflict.

In our community:

We are asking to recognize October as Bullying Prevention Awareness Month. Which is the month nationally recognized by the National Institutes of Health.

Girl Scout Leader Troop 4367

Sheree Thompson – Leader

Aubree Walker

Brantley Hamil

Briley Daniel

Caleigha Thompson

Ella Burke Jones

Gracie Shaffer

Lilleigh Newell

Mary-Elle Berry

Molly Grace Reiber

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI RECOGNIZING KAITLIN ELISE MYRICKS ON BEING NAMED MISS TOUGALOO COLLEGE

WHEREAS, Kaitlin Elise Myricks is a native of Gluckstadt, Mississippi and a member of the 2020 graduating class of Germantown High School; and

WHEREAS, Kaitlin is currently a senior at Tougaloo College, majoring in mass communications with a minor in public policy, and has been inducted into the Alpha Lambda Delta Honor Society and recognized as a Provost Scholar; and

WHEREAS, Kaitlin is also an active member and officer of Delta Sigma Theta Sorority, Inc., Gamma Psi Chapter, the Tougaloo Modeling Squad, the Tougaloo College Chapter American Association of University Women (AAUW) Student Affiliate Group, and has been actively involved in several service activities supporting the Mississippi Children’s Museum, Salvation Army, and the American Cancer Society; and

WHEREAS, Kaitlin was recently crowned as the 84th Miss Tougaloo College;

WHEREFORE, be it hereby resolved by the Mayor and Board of Aldermen of the City of Gluckstadt, Mississippi, as follows:

1. The City of Gluckstadt wishes to recognize and congratulate Kaitlin Elise Myricks on being crowned as the 84th Miss Tougaloo College, as well as her many other accomplishments.

SO RESOLVED this the ____ day of December 2023. Motion was made by Alderman _____, and seconded by Alderman _____, for the adoption of the above and foregoing Order.

Upon roll call vote, the result was as follows:

| | |
|-------------------------------------|---------|
| Alderman Miya Warfield Bates voted: | Aye/Nay |
| Alderman Jayce Powell voted: | Aye/Nay |
| Alderman Richard Wesley Slay voted: | Aye/Nay |
| Alderman John Taylor voted: | Aye/Nay |
| Alderman Lisa H. Williams voted: | Aye/Nay |

The Mayor thereupon declared the motion carried and the Resolution adopted this the ____ day of December 2023.

Walter C. Morrison, IV,
MAYOR

ATTEST:

Lindsay Kellum,
CITY CLERK

Kaitlin Elise Myricks

A native of Gluckstadt, MS, Kaitlin Elise Myricks is a Senior, Mass Communications major / Public Policy minor attending Tougaloo College.

As a student at Tougaloo, she has been afforded various opportunities to represent her fellow Eaglets. Currently, Kaitlin is the 84th Miss Tougaloo College, an active member and officer of Delta Sigma Theta Sorority, Inc. - Gamma Psi Chapter, the Tougaloo Modeling Squad, and the Tougaloo College Chapter American Association of University Women (AAUW) Student Affiliate Group. She has been an active member of the Concert / Chamber Choirs and Jazz Ensemble, as well as the Harambee Student Newspaper.

An active student ambassador, Kaitlin has organized, assisted, and supported student engagement activities since being enrolled at Tougaloo College. As a community supporter, she actively participates in various service activities in support of the Mississippi Children's Museum, Salvation Army, American Cancer Society Making Strides Against Breast Cancer Walk, and with New Hope Baptist Church. As an academic scholar, she understands the importance of excelling academically and being a positive role model for her peers. Kaitlin is a HBCU Servant Leader Scholar for the Southern Area of The Links, Incorporated, inducted into the Alpha Lambda Delta Honor Society, and recognized as a Provost Scholar at Tougaloo College.

Upon graduation, Kaitlin plans to attend graduate school to obtain her master's degree in mass communication. Her overall career plans are to become a radio personality host of a syndicated show highlighting various issues affecting the people – simply put “to bring awareness”. She has interned/shadowed with One Voice Mississippi, Alpha Media (99 Jams), and Mississippi Public Broadcasting (MPB) to increase her knowledge in the communication field.

She is a 2020 graduate of Germantown High School and a transfer student from Holmes Community College with an AA degree in Forensic Science.

Kaitlin's favorite quote is by Maya Angelou – “People will forget what you said, people will forget what you did, but people will never forget how you made them feel.”

From: [Miya Bates](#)
To: [Lindsay Kellum](#)
Subject: Miss Tougaloo
Date: Monday, December 4, 2023 8:00:52 AM

Good Morning!

Could we recognize Kaitlyn Myricks as Miss Tougaloo at our December meeting?
This is Katrina Myricks daughter.

Thanks,

Miya Warfield Bates



REGULAR MEETING OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI

Tuesday, November 14, 2023, at 6:00 PM

Minutes

1. Call Meeting to Order and Roll Call

The Mayor called the November 14, 2023, Regular Meeting of the Mayor and Board of Aldermen to order. The Mayor presented the Notice of Regular Meeting of the Mayor and Board of Aldermen of the City of Gluckstadt, Mississippi acknowledged by all Aldermen. (Exhibit "A").

Board Members Present: Mayor Walter C. Morrison, Alderman John Taylor, Alderwoman Miya Warfield Bates, Alderman Wesley Slay, Alderman Jayce Powell and Alderwoman Lisa Williams.

Staff Members Present: City Clerk Lindsay Kellum, Deputy Clerk Scott Maugh, Executive Assistant Janet Brooks, Planning & Zoning Director / Building Official William Hall, Public Works Director Chris Buckner, Executive Assistant Bridgette Smith, Chief of Police Barry Hale, Assistant Chief of Police Jeremy Slaven, Court Clerk Stephanie Gerlach, City Attorney John Scanlon and City Attorney Zachary Giddy.

2. Opening Prayer and Pledge of Allegiance

Pastor Steven Brooks opened the meeting with prayer.

Alderman Powell led the pledge of allegiance.

No action taken.

3. Presented Items

A) New Police Department and Municipal Court: Discussion and Approval of Contract, SafeHaven Baby Box

The Mayor presented a brief background on the SafeHaven Baby Box project and the ongoing efforts of Representative Jill Ford and the Mayor to raise awareness and implement the Baby Box at the new Gluckstadt Police Department and Municipal Court. This will be the first SafeHaven Baby Box located in central Mississippi. The cost of the project will be offset by donations and fundraising (approx. \$15,000 - \$25,000).

The Mayor requested a motion to approve the contract for the SafeHaven Baby Box to go into the new Gluckstadt Police Department and Municipal Court. (*Exhibit "B"*). Motion made by Alderwoman Williams, Seconded by Alderwoman Bates.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

B) Recognition of Germantown High School Marching Band & Adoption of Resolution

The Mayor recognized members of the Germantown High School Marching Band, as well as the Band Director, Justin Harvison before the public. He then requested the board adopt the Resolution Recognizing the Germantown High School Marching Band on Finishing First Overall in Class 2A and Eighth Place Overall at the 2023 Bands of America St. Louis Super Regional. (*Exhibit "C"*). Motion made by Alderman Powell, Seconded by Alderman Slay.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

C) Presentation of Plaque to Mike McCollum (Planning and Zoning / Public Works)

The Mayor and Board recognized Mr. Mike McCollum for his commitment and efforts in starting the Planning and Zoning Department and Public Works Department for the City of Gluckstadt. In addition, City Hall Staff also showed appreciation to Mr. McCollum and wished him the best in his retirement.

No action taken.

4. Approval of Consent Agenda Items

A) Approval of October 10th Regular Meeting and October 30th Special Called Meeting Minutes

B) Approval of Docket of Claims

C) Approval of Renewal of BOAM Membership and Payment of Yearly Fees

D) Discussion and Request for Approval to Turn On 107 Lone Wolf Drive Utilities, New Public Works Building

E) Request for Disposal of Damaged Flock Safety Camera, Fixed Assets

The Mayor revised the 11/14/23 regular agenda to remove item 4-E below (flock cameras are leased and not owned by the city; therefore, they need to be removed from fixed assets at the next meeting in December). Additionally, the Mayor requested a motion to amend the 10/10/23 minutes, item 13-A to reflect a change to the flock camera from (7) cameras to ten (10) cameras, due to a typo).

The Mayor requested a motion to approve the consent agenda with the changes noted above. (*Exhibit "D"*). Motion made by Alderman Slay, Seconded by Alderwoman Williams.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

5. Amendment to Budget & Monthly Budget Report

A) Request to Approve Resolution Amending Fiscal Year 2024 Budget

Mayor Morrison requested to add an item under this section related to the Mississippi Wireless Commission, requesting authorization to submit for purchasing of various dispatch equipment for the new Gluckstadt Police Department. Dispatch equipment will be paid for through county E911 funds, not to exceed \$454,446.80. The Mayor requested a motion for city representatives to formally submit a request for purchasing of radio consoles for the Gluckstadt Police Dispatch Department (on state contract) and to allow city representatives Chief Hale and Kerry Minninger to appear before the Mississippi Wireless Commission board on these matters. The formal contract with quotes will be brought back to the Board of Aldermen for consideration in December. A motion was made by Alderwoman Bates and seconded by Alderman Slay.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

The Mayor requested a motion to adopt the resolution (*Exhibit "E"*) amending the FY24 budget. A motion was made to adopt the FY24 Budget Amendment Resolution by Alderwoman Bates, seconded by Alderman Slay.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

B) Monthly Budget Report(s)

The Mayor presented the monthly budget report(s). (Exhibit "F").

No action taken.

6. New Business

A) Discussion of Advertising, Delta Business Journal (Gluckstadt Spotlight)

The Mayor asked if the board was interested in advertising with the Delta Business Journal (as representatives approached the city with upcoming promotional opportunities) and if so, to please submit a motion.

No motion was made by a board member to advertise with the Delta Business Journal at this time.

No action taken.

7. City Clerk, City Administration Matters (Lindsay Kellum)

A) General Update, City Administration Matters (Lindsay Kellum)

The City Clerk provided an update to the board concerning the City Administration.

No action taken.

B) Monthly Privilege License Report (Scott Maugh)

The City Clerk and Deputy Clerk provided an update to the board on privilege license collections. (Exhibit "F").

No action taken.

C) Discussion and Approval of FY23 Audit Proposal (Bridgers, Goodman, Baird & Clarke, PLLC)

The City Clerk requested the board approve the FY23 Audit Proposal and Engagement Letter from Bridgers, Goodman, Baird & Clarke, PLLC. *(Exhibit "H")*.

The Mayor asked for a motion. A motion made by Alderwoman Bates to approve the FY23 Audit Proposal and Engagement Letter and Seconded by Alderman Slay.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

D) Discussion and Request for Approval to Pay Prior Year Acquisition from Matrix Solutions (Invoice Error by Matrix, Scott Maugh's Desktop Computer)

The City Clerk requested the board approve the payment of a prior year acquisition, after a discovering a billing error with Matrix Solutions (we received the Deputy Clerk's office computer in June of 2022, but were never billed for it until we realized the error when going through fixed assets list and determined it was not paid; the clerk's office immediately requested Matrix Solutions correct the error and send an invoice).

The Mayor asked for a motion. A motion was made by Alderman Powell to approve the payment of the prior year acquisition due to a billing error by the vendor and Seconded by Alderman Slay.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

E) Notification of Upcoming City Holidays, By Proclamation of the Governor

The City Clerk advised of the Governor's Proclamation related to upcoming holiday season and requested the board approve the additional two (2) days as allowed by Governor Reeves (the day after Thanksgiving, 11/24, and the day after Christmas, 12/26).

The Mayor requested a motion to approve the two (2) additional dates pursuant to the proclamation and close city hall, so staff may spend time with their families. Motion made by Alderman Slay, Seconded by Alderman Powell.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

8. Court Clerk, Municipal Court Department (Stephanie Gerlach)

General Update from Court Services (Stephanie Burton)

The Court Clerk provided an update to the board concerning the Court Services Department

No action taken.

9. Grant Administrator, Grant Status Update (Ruth Marie Stogner)

General Update, Grant Administration (Ruth Marie Stogner)

The Grant Administrator provided an update to the board concerning the Grant Administration Department

No action taken.

The Mayor discussed briefly that the county provided \$454,000.00 approximately in E911 funds for the purpose of building out our new Gluckstadt Police Department dispatch center, as well as purchase of equipment. This amount does not include computer-aided dispatch equipment or PSAP radio equipment (provided through Motorola), but with the help of Reserve Officer Kerry Minninger, we are able to purchase all within the \$454,000.00 budget.

No action taken.

10. Planning and Zoning Admin. / Building Official, Planning and Zoning Matters (William Hall)

A) October 24th, 2023, Planning and Zoning Board Meeting

The Planning and Zoning / Building Official provided an update to the board concerning the Planning and Zoning / Building Dept. and the October Planning and Zoning Commission Meeting.

No action taken.

B) Appeal Hearing, Planning and Zoning Commission Germantown Park Amended Site Plan Decision

The Mayor opened the floor for the public appeal hearing and public comment. He asked if there were any representatives in attendance on behalf of Germantown Park. Mr. Ron Farris, Counsel for Germantown Park, LLC, is in attendance (via telephone), as well as Daniel Wooldridge, Architect for the project. The Mayor and Board found that all public notice required by the Zoning Ordinance had been accomplished.

The City Attorney asked the City Clerk if anyone in addition had contacted the City to provide any input, whether in favor or opposition of the amended site plan. during the pendency of the noticed hearing; Ms. Kellum confirmed there was no communication or contact from anyone via telephone or email in requesting to go before the Mayor and Board on this item. Mr. Hall and Ms. Smith also confirmed they had no one other than the representatives above contact them requesting to go before the board.

Mr. Ron Farris, with Farris Law Group, appeared via telephone representing the Appellant Anthony Morrison to discuss the appeal of the P&Z Commission decision from the October meeting, on behalf of his client. The City Attorney was handed a substitute document (amended) to be included in the record (change of word of "parapet" to "screen" is the only amendment). Because this hearing is a site plan hearing, newspaper publication and physical posting was not required. (Exhibit "I").

William Hall provided the Mayor and Board with the history and procedural posture, i.e., the decision of P&Z to table the amended site plan. Mr. Hall answered questions from Board members.

Mr. Daniel Wooldridge addressed the board and answered questions regarding architecture and landscaping.

The Mayor opened the floor for public comment.

Mr. Tim Slattery asked if the vent hood or exhaust had been installed. Mr. Daniel Wooldridge stated no.

Having no other members of the public come forward, the Mayor declared the hearing closed.

Alderman Powell made a motion to approve the amended site plan with the curb cut, new driveway, parking, landscaping, and vents to go out the back of the building instead of on top of the roof. Seconded by Alderman Taylor. (Exhibit "J").

Alderwoman Williams made a substitute motion to move forward with the Planning and Zoning Commission's recommendation of a 3 ft min. screen for any restaurant at this development with vent hoods, as well as ample landscaping, and Alderwoman Bates seconded the motion.

The Mayor called for the vote on the first Motion to approve first.

Voting in Favor: Alderman Powell, Alderman Taylor and Alderman Slay

Voting in Opposition: Alderwoman Williams and Alderwoman Bates

The Mayor declared the motion carried 3-2.

The Mayor then called for the vote on the substitute motion.

Voting in Favor: Alderwoman Williams and Alderwoman Bates.

Voting in Opposition: Alderman Powell, Alderman Taylor and Alderman Slay.

The Mayor declared the substitute motion failed, 3-2.

C) Discussion and Consideration of Approval: Four Seasons Drapery and Hardware Site Plan

The Mayor requested a motion to approve the site plan for Four Seasons Drapery and Hardware. Motion made by Alderman Slay, seconded by Alderman Powell. (*Exhibit "K"*).

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

D) Discussion and Consideration of Amended Johnny Gooch Storage Site Plan

The Mayor requested a motion to approve the amended site plan for the Johnny Gooch storage facility, with the understanding there would be no outside storage (Mr. Gooch confirmed there would not be). Motion made by Alderman Slay, seconded by Alderman Taylor. (*Exhibit "L"*).

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

11. Public Works Department (Chris Buckner)

A) City of Gluckstadt Hazard Mitigation Plan Proposal

Representatives from Central Mississippi Planning and Development District addressed the board to explain the Hazard Mitigation Plan.

The Mayor requested a motion to approve the proposed Hazard Mitigation Plan (CMPDD). (Exhibit "M"). Motion Made by Alderman Slay and seconded by Alderman Taylor.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

B) Request for Approval of Paving of Parkfield Place (Ridgefield Subdivision)

The Mayor requested a motion to approve the Public Works Director's request to pave Parkfield Place (Ridgefield Subdivision) at an approximate cost of \$23,800. (Exhibit "N"). Motion Made by Alderman Powell and seconded by Alderman Slay.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

C) Request for Approval of Yandell Road Paving Repair

The Mayor requested a motion to approve the Public Works Director's request to pave a section of Yandell Road due to a large bump hazard in the road at an approximate cost of \$40,000. (Exhibit "O"). Motion Made by Alderwoman Williams and seconded by Alderman Taylor.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

D) Request for Approval of Yandell Rd Shoulder Improvements

The Mayor requested a motion to approve the Public Works Director's request to repair a section of the shoulder of Yandell Road at an approximate cost of \$9700.00 (Exhibit "P"). Motion Made by Alderwoman Williams and seconded by Alderwoman Bates.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

E) Puckett Rents Purchasing Error for Asphalt Roller, Notification to Board

The Mayor requested a motion to accept the Public Works Director's memo explanation for the Puckett Rents Purchasing Error. (Exhibit "Q"). Motion Made by Alderman Taylor and seconded by Alderwoman Powell.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

F) Consideration of 24 Month Contract from RJ Young, Public Works Printer and Copy Machine Rental (Chris Buckner)

The Mayor requested a motion to approve the Public Works Director's request to rent a new printer /copier from RJ Young and authorize the Mayor to sign the contract; this printer is for the new Public Works Building. (Exhibit "R"). Motion Made by Alderman Powell and seconded by Alderman Slay.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried.

12. Police Chief, Police Department Matters (Chief Berry Hale)

A) General Update, Police Department Matters (Chief Barry Hale)

The Chief of Police gave an update on general law enforcement matters.

No action taken.

13. Public Comment

No members of the public signed up for public comment to address the board.

14. Closed Session to Determine Need for Executive Session

The Board considered entering closed session to determine whether to go into Executive Session. The Mayor requested a motion to enter closed determination.

A motion was made by Alderman Powell to enter into closed determination, Seconded by Alderman Slay.

Voting Yea: Alderman Slay, Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates.

The Mayor declared the motion carried.

The Board then considered entering an Executive Session. Alderman Slay made a motion to enter Executive Session, to discuss personnel matters related to review of candidate qualifications for hiring for the Public Works Dept. and Building Department. Additionally, the Mayor and Board voted to enter into executive session to discuss the potential purchase of land or a building for City Hall. A motion was made by Alderwoman Williams and Seconded by Alderman Powell.

Voting Yea: Alderman Slay, Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates.

The Mayor declared the motion carried.

The Board entered the Executive Session. A public announcement was made by City Attorney John Scanlon that the Board had entered Executive Session to discuss personnel matters related to review of candidate qualifications for hiring for Public Works Dept. and Building Dept., to discuss ongoing litigation (annexation and Fireworks appeal), and also to discuss the potential purchase of land or a building for City Hall.

A) Potential Purchase of New City Hall Building or Land For Development (City Hall Lease Ends 2026)

No action taken.

B) Consideration of Hiring of Maintenance Worker II, Public Works Department

Alderman Powell made a motion to hire an individual for Maintenance Worker II at \$15.00 hourly (30-day probationary period, then would go up to \$17.00 hourly) + benefits such as health insurance and retirement, contingent upon successful passing of all applicable background checks, and directed the Public Works Director to send a formal offer letter to the individual. Alderman Slay seconded the motion.

Voting Yea: Alderman Slay, Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates.

The Mayor declared the motion carried.

C) Consideration of Hiring of Building Inspector, Building Department

Alderwoman Williams made a motion to *hire an individual for Building Code Inspector at \$50,000 annual salary + benefits such as health insurance and retirement, contingent upon successful passing of all applicable background checks*, and directed the Building Official and Planning/Zoning Admin. to send a formal offer letter to the individual. Alderwoman Bates seconded the motion.

Voting Yea: Alderman Slay, Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates.

The Mayor declared the motion carried.

D) Hiring of Executive Assistant, Public Works Department

Alderman Slay made a motion to *hire an individual for Executive Assistant at \$40,000.00 annual salary + benefits such as health insurance and retirement, contingent upon successful passing of all applicable background checks*, and directed the Public Works Director to send a formal offer letter to the individual. Alderwoman Williams seconded the motion.

Voting Yea: Alderman Slay, Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates.

The Mayor declared the motion carried.

E) Discussion of ongoing litigation.

No action taken.

Within the executive session, Alderman Slay made a motion to leave executive session and re-enter open session, Seconded by Alderwoman Williams.

Voting Yea: Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates, Alderman Slay.

The Mayor declared the motion carried and the board re-entered open session.

City Attorney John Scanlon made the public announcement that the board voted in Executive Session to approve to hire an individual for Maintenance Worker II, Public Work Dept. at \$15.00 an hour + benefits, including city health insurance and retirement, plus supplemental benefits offerings, with employment contingent upon successful passing of all relevant background checks; to hire an individual for Building Code Inspector, Building Dept. at \$50,000.00 + benefits, including city health insurance and retirement, plus supplemental benefits offerings, with employment contingent upon successful passing of all relevant background checks; to hire an individual for Executive Assistant, Public Works at \$40,000.00 + benefits, including city health insurance and retirement, plus supplemental benefits offerings, with employment contingent upon successful passing of all relevant background checks.

15. Adjourn

There being no further business before the board, the Mayor asked for a motion to adjourn the meeting. Alderman Powell made the motion, and the motion was seconded by Alderman Taylor.

Voting Yea: Alderman Slay, Alderman Powell, Alderman Taylor, Alderwoman Williams, Alderwoman Bates.

The Mayor declared the motion carried.

WALTER C. MORRISON, IV
MAYOR

LINDSAY D. KELLUM
CITY CLERK

DATE

[Seal]



Gluckstadt, MS

Docket of Claims Register

Section 4, Item B)

APPKT00411 - December 2023 Claims Docket

By Docket/Claim Number

| Vendor # | Vendor Name | Docket/Claim # | Payable Description | Payable Type | Payable Date | Item Description | Account Number | Payment Amount Distribution Amount |
|----------|----------------------------------|----------------|---------------------------------------|--------------|--------------|---------------------------------------|----------------|------------------------------------|
| 00136 | Adcamp Inc. | 2024121 | Adcamp Monthly Open Bid for Asphalt | Invoice | 12/12/2023 | Adcamp Monthly Open Bid for Asphalt | 001-301-55904 | 181.44 |
| | 42951 | | Adcamp Monthly Open Bid for Asphalt | Invoice | 12/12/2023 | Adcamp Monthly Open Bid for Asphalt | 001-301-55904 | 181.44 |
| 00279 | AT&T Mobility | 2024122 | Monthly Billing - Backup Line | Invoice | 12/12/2023 | Monthly Billing - Backup Line | 001-195-60500 | 40.23 |
| | 112023 | | Monthly Billing - Backup Line | Invoice | 12/12/2023 | Monthly Billing - Backup Line | 001-195-60500 | 40.23 |
| 00086 | Barry Hale | 2024123 | Travel Reimbursement - FBI Leeda (No | Invoice | 12/12/2023 | Travel Reimbursement - FBI Leeda (No | 001-200-61000 | 980.37 |
| | 112023 | | Travel Reimbursement - FBI Leeda (No | Invoice | 12/12/2023 | Travel Reimbursement - FBI Leeda (No | 001-200-61000 | 980.37 |
| 00006 | Bear Creek Water Association | 2024124 | Water & Sewer - Nov. 2023 | Invoice | 12/12/2023 | Water & Sewer - Nov. 2023 | 001-195-63003 | 82.25 |
| | 112023 | | Water & Sewer - Nov. 2023 | Invoice | 12/12/2023 | Water & Sewer - Nov. 2023 | 001-195-63003 | 82.25 |
| 00269 | Benchmark Construction Corp. | 2024125 | PD Building Contractor Payment | Invoice | 12/12/2023 | Monthly Con | 006-200-90100 | 278,172.36 |
| | 112023 | | PD Building Contractor Payment | Invoice | 12/12/2023 | Monthly Con | 006-200-90100 | 278,172.36 |
| 00008 | Bridge & Watson, Inc. | 2024126 | Fin. Planning - 10/23/23 - 11/17/23 | Invoice | 12/12/2023 | Fin. Planning - 10/23/23 - 11/17/23 | 001-195-60101 | 16,439.50 |
| | 112023Admin | | Fin. Planning - 10/23/23 - 11/17/23 | Invoice | 12/12/2023 | Fin. Planning - 10/23/23 - 11/17/23 | 001-195-60101 | 10,331.00 |
| | 112023Annex | | Annexation Billing 10/3/23 - 11/16/23 | Invoice | 12/12/2023 | Annexation Billing 10/3/23 - 11/16/23 | 001-195-60104 | 2,730.00 |
| | 112023Comp | | Comp. Planning 10/26/23 - 11/17/23 | Invoice | 12/12/2023 | Comp. Planning 10/26/23 - 11/17/23 | 001-190-60101 | 3,378.50 |
| 00230 | Canton Sanitary Landfill | 2024127 | Trash Dump Fees - Nov. 2023 | Invoice | 12/12/2023 | Trash Dump Fees - Nov. 2023 | 001-301-68500 | 746.90 |
| | 112023 | | Trash Dump Fees - Nov. 2023 | Invoice | 12/12/2023 | Trash Dump Fees - Nov. 2023 | 001-301-68500 | 746.90 |
| 00010 | Cascio Sanford Government Law | 2024128 | December 2023 Lobbying Fees | Invoice | 12/12/2023 | December 2023 Lobbying Fees | 001-195-60102 | 2,500.00 |
| | 9951 | | December 2023 Lobbying Fees | Invoice | 12/12/2023 | December 2023 Lobbying Fees | 001-195-60102 | 2,500.00 |
| 00268 | Cincinnati Safety Upfitters, LLC | 2024129 | K-9 Insert | Invoice | 12/12/2023 | K-9 Insert for 2022 Dodge Durango | 001-200-90300 | 3,711.86 |
| | 3162 | | K-9 Insert | Invoice | 12/12/2023 | K-9 Insert for 2022 Dodge Durango | 001-200-90300 | 3,711.86 |
| 00225 | Clark Rental & Supply, LLC | 2024130 | Concrete Mix | Invoice | 12/12/2023 | Sakrete Concrete Mix 80lb. | 001-301-55904 | 57.12 |
| | POS2955 | | Concrete Mix | Invoice | 12/12/2023 | Sakrete Concrete Mix 80lb. | 001-301-55904 | 57.12 |
| 00013 | Column Software PBC | 2024131 | Proof of Pub - S & D Realty LLC | Invoice | 12/12/2023 | Proof of Pub - S & D Realty LLC | 001-190-61500 | 23.48 |
| | 20571CB1-0023 | | Proof of Pub - S & D Realty LLC | Invoice | 12/12/2023 | Proof of Pub - S & D Realty LLC | 001-190-61500 | 23.48 |
| 00119 | Crystal Clean | 2024132 | Street Sweeping Services - November 2 | Invoice | 12/12/2023 | Street Sweeping Services - November 2 | 001-301-68600 | 2,830.00 |
| | 49800 | | Street Sweeping Services - November 2 | Invoice | 12/12/2023 | Street Sweeping Services - November 2 | 001-301-68600 | 2,830.00 |
| 00300 | Curtis Jones | 2024133 | Jones Travel Reimbursement | Invoice | 12/12/2023 | Jones Travel Reimbursement | 001-280-61000 | 36.36 |
| | 122023 | | Jones Travel Reimbursement | Invoice | 12/12/2023 | Jones Travel Reimbursement | 001-280-61000 | 36.36 |
| 00195 | Dean Architecture | 2024134 | Construction Admin Phase + Reimburs | Invoice | 12/12/2023 | Construction Admin Phase + Reimburs | 002-200-69900 | 5,741.35 |
| | 110723 | | Construction Admin Phase + Reimburs | Invoice | 12/12/2023 | Construction Admin Phase + Reimburs | 002-200-69900 | 5,741.35 |

Docket of Claims Register

APPKT00411 - December

Section 4, Item B

| Vendor # | Vendor Name | Docket/Claim # | Payable Type | Payable Date | Item Description | Account Number | Payment Amount |
|----------|---------------------------------|---|--------------|--------------|--|----------------|---------------------|
| Vendor # | Payable Number | Payable Description | | | | | Distribution Amount |
| 00090 | Deviney Rental & Supply | 2024135 | | | | | 139.38 |
| | ER55409 | Rental Fee for 3Pt Auger | Invoice | 12/12/2023 | Rental Fee for 3Pt Auger | 001-301-64000 | 100.00 |
| | IV13791 | Deck Plastic (Kubota Repair Piece) | Invoice | 12/12/2023 | Deck Plastic (Kubota Repair Piece) | 001-301-57500 | 39.38 |
| 00020 | Entergy | 2024136 | | | | | 722.18 |
| | 10018226379 | Street Lighting & Signals - Nov. 2023 | Invoice | 12/12/2023 | Street Lighting | 001-301-63102 | 59.24 |
| | | | | | Traffic Signals | 001-301-63103 | 443.66 |
| | 470003269829 | Area Lighting - Arrington - Nov. 2023 | Invoice | 12/12/2023 | Area Lighting - Arrington - Nov. 2023 | 001-301-63102 | 219.28 |
| 00021 | Executive Landscape | 2024137 | | | | | 285.00 |
| | 112023 | Monthly Landscaping Services - Nov. 2023 | Invoice | 12/12/2023 | Monthly Landscaping Services - Nov. 2023 | 001-195-68600 | 285.00 |
| 00094 | Forestry Suppliers | 2024138 | | | | | 245.00 |
| | 474259-00 | Trash Gator | Invoice | 12/12/2023 | Trash Gator | 001-301-91600 | 245.00 |
| 00023 | Fuelman | 2024139 | | | | | 4,342.39 |
| | NP65577017 | Gas & Oil - PW/Building/PnZ/PD | Invoice | 12/12/2023 | Gas & Oil - Building/PnZ | 001-190-52500 | 35.07 |
| | | | | | Gas & Oil - PD | 001-280-52500 | 35.07 |
| | | | | | Gas & Oil - PW | 001-200-52500 | 3,603.95 |
| | | | | | | 001-301-52500 | 668.30 |
| 00103 | Henry Davis | 2024140 | | | | | 125.94 |
| | 112023 | PW Labor & Mileage Reimbursement | Invoice | 12/12/2023 | PW Labor & Mileage Reimbursement | 001-301-60101 | 125.94 |
| 00025 | Huffman & Company, CPA, P.A. | 2024141 | | | | | 142.50 |
| | 112023 | Payroll Related Assistance | Invoice | 12/12/2023 | Payroll Related Assistance | 001-195-60004 | 142.50 |
| 00178 | Madison County Sheriff's Office | 2024142 | | | | | 1,621.75 |
| | GP-1023 | Inmate Housing - October 2023 | Invoice | 12/12/2023 | Inmate Housing - October 2023 | 001-200-68301 | 1,575.00 |
| | GP-M1023 | Inmate Medical - October 2023 | Invoice | 12/12/2023 | Inmate Medical - October 2023 | 001-200-68301 | 46.75 |
| 00038 | MAGCOR (formerly MPIC, INC) | 2024143 | | | | | 310.70 |
| | 130050 | Door Name Plate (Stogner) & Hardware | Invoice | 12/12/2023 | Door Name Plate (Stogner) | 001-195-62000 | 19.95 |
| | | | | | Name Plate Hardware | 001-195-62000 | 19.95 |
| | 130051 | Door Name Plate (Young) & Hardware | Invoice | 12/12/2023 | Door Name Plate (Young) | 001-140-62000 | 19.95 |
| | | | | | Name Plate Hardware | 001-140-62000 | 19.95 |
| | 130137 | Business Cards (Lucas) | Invoice | 12/12/2023 | Business Cards (Lucas) | 001-200-62000 | 50.00 |
| | 130141 | Business Cards/Stamp/Name Plates (P) | Invoice | 12/12/2023 | Business Cards for: Hale/Slaven/Tucker | 001-200-62000 | 114.00 |
| | | | | | Name Plate (Hale/Slaven) | 001-200-62000 | 39.90 |
| | | | | | Self Inking Stammp | 001-200-62000 | 27.00 |
| 00172 | Magnolia Shredding LLC | 2024144 | | | | | 100.00 |
| | 2775 | Monthly Shredding Service - November 2023 | Invoice | 12/12/2023 | Monthly Shredding Service | 001-195-69900 | 100.00 |

Docket of Claims Register

APPKT00411 - Decem

Section 4, Item B)

| Vendor # | Vendor Name | Docket/Claim # | Payable Type | Payable Date | Item Description | Account Number | Payment Amount |
|----------|------------------------------------|---|--------------|--------------|---|----------------|---------------------|
| Vendor # | Payable Number | Payable Description | | | | | Distribution Amount |
| 00041 | Matrix Solutions, Inc | 2024145 | | | | | 8,040.43 |
| | Inv_13283 | Monthly Fees - Licenses/Software/Use | Invoice | 12/12/2023 | Monthly Fees - Licenses/Softwares/Use | 001-195-68800 | 4,804.00 |
| | Inv_13350 | Network Wiring and Equipment for Ne | Invoice | 12/12/2023 | 3 Ft. Patch Cables | 001-195-90400 | 40.00 |
| | | | | | ACCESS POINT POWER ADAPTER | 001-195-90400 | 25.00 |
| | | | | | BATTERY BACK UP FOR NETWORK EQU | 001-195-90400 | 75.00 |
| | | | | | CAT6 NETWORK RUNS TO OFFICES, CEI | 001-195-90400 | 1,371.43 |
| | | | | | Labor to Terminate, Test, & Label | 001-195-90400 | 200.00 |
| | | | | | PATCH PANEL | 001-195-90400 | 100.00 |
| | | | | | TRAVEL - WIRING CREW | 001-195-90400 | 100.00 |
| | | | | | UBIQUITI WIFI ACCESS POINT DEVICE | 001-195-90400 | 200.00 |
| | Inv_13381 | Dell Optiplex 5090 | Invoice | 12/12/2023 | Dell Optiplex 5090 | 001-140-91900 | 1,125.00 |
| 00044 | Middle Mississippi Building Offici | 2024146 | | | | | 350.00 |
| | 122023 | Hall and Smith MMBOA 2024 Member | Invoice | 12/12/2023 | Bridgette Smith 2024 MMBOA Membe | 001-280-62200 | 175.00 |
| | | | | | William Hall 2024 MMBOA Membershi | 001-280-62200 | 175.00 |
| 00045 | Mills, Scanlon, Dye & Pittman, At | 2024147 | | | | | 20,221.75 |
| | 112023Annexation | Annex. Legal Fees - Nov. 2023 | Invoice | 12/12/2023 | Annex. Legal Fees - Nov. 2023 | 001-195-60304 | 2,209.25 |
| | 112023Court | Court Legal Fees - Nov. 2023 | Invoice | 12/12/2023 | Court Legal Fees - Nov. 2023 | 001-110-60301 | 1,205.25 |
| | 112023General | General Legal Services + Retainer - Nov | Invoice | 12/12/2023 | General Legal Services + Retainer - Nov | 001-195-60301 | 14,611.50 |
| | 112023PnZ | PnZ Legal Services - Nov. 2023 | Invoice | 12/12/2023 | PnZ Legal Services - Nov. 2023 | 001-190-60301 | 2,195.75 |
| 00047 | Miss. Extension Center for Gover | 2024148 | | | | | 600.00 |
| | 112023Kellum | Spring CMC Program Registration (4/2 | Invoice | 12/12/2023 | Spring CMC Program (4/24-4/26) Kellu | 001-140-61000 | 300.00 |
| | 112023Maugh | Spring CMC Program Registration (4/2 | Invoice | 12/12/2023 | Spring CMC Program Registration (4/2 | 001-140-61000 | 300.00 |
| 00292 | Mississippi Rainbow Printing INC | 2024149 | | | | | 396.00 |
| | 4911 | MYC T-Shirts | Invoice | 12/12/2023 | MYC T-Shirts | 001-120-64500 | 396.00 |
| 00288 | Oneway, Inc. | 2024150 | | | | | 569.70 |
| | 22791 | Cornerstone Tactical Polo | Invoice | 12/12/2023 | Cornerstone Tactical Polo | 001-200-53500 | 569.70 |
| 00152 | OP Plus | 2024151 | | | | | 156.72 |
| | 1037494-0 | Office Supplies | Invoice | 12/12/2023 | TISSUE, BATH, 1PLY, 12/PK, WH | 001-195-50000 | 27.96 |
| | | | | | TOWEL, ROLL, 2PLY, 30/85, WH | 001-195-50000 | 128.76 |
| 00121 | Parkway Quicklube & Tires | 2024152 | | | | | 928.05 |
| | 11-0210911 | Brakes and rotors | Invoice | 12/12/2023 | Labor | 001-200-57000 | 105.00 |
| | | | | | rear brakes | 001-200-57000 | 129.95 |
| | | | | | Rear rotors | 001-200-57000 | 319.90 |
| | 11-0214619 | Oil Change - F350 (PW) | Invoice | 12/12/2023 | Oil Change - F350 (PW) | 001-301-52500 | 166.40 |
| | 11-0216358 | Patch Tires | Invoice | 12/12/2023 | Patch Tires | 001-301-57000 | 49.90 |
| | 11-0216552 | F350 Oil Change (PW) & Patch Tire | Invoice | 12/12/2023 | F350 Oil Change (PW) | 001-301-52500 | 129.95 |
| | | | | | Patch Tire | 001-301-57000 | 24.95 |
| | | | | | Shop Supplies | 001-301-52500 | 2.00 |
| 00053 | Pennington & Trim Alarm Service | 2024153 | | | | | 66.00 |
| | 802546 | Monthly Wireless Monitoring & Access | Invoice | 12/12/2023 | Wirless Monitoring & Access Control N | 001-195-63200 | 66.00 |

Docket of Claims Register

APPKT00411 - Decem

Section 4, Item B)

| Vendor # | Vendor Name | Docket/Claim # | Payable Type | Payable Date | Item Description | Account Number | Payment Amount |
|----------|--|--|---|--|--|--|---|
| Vendor # | Payable Number | Payable Description | | | | | Distribution Amount |
| 00055 | Printables and More (G&W Mark 30273 | 2024154 Large Plaque 9x12 with God Sublimate | Invoice | 12/12/2023 | Large Plaque 9x12 with God Sublimate | 001-190-62000 001-301-62000 | 105.00 52.50 52.50 |
| 00125 | Puckett Rents 1008030-0001 | 2024155 Gallon Drum Liner Black | Invoice | 12/12/2023 | Gallon Drum Liner Black | 001-301-50500 | 151.50 151.50 |
| 00057 | Robert J Young Company INV6559319 INV6640999 INV6649232 | 2024156 Board Room Monthly Payment - Nov. 2 Court Copier - Monthly & Overages - O Admin Copier Monthly & Overages - N | Invoice Invoice Invoice | 12/12/2023 12/12/2023 12/12/2023 | Board Room Monthly Payment - Nov. 2 Court Copier - Monthly Charges & Ove Admin Copier Monthly & Overages - N | 001-195-64000 001-110-64000 001-195-64000 | 1,442.78 556.64 378.51 507.63 |
| 00154 | Southern Benefits Administrators 23112002300000 | 2024157 Cafeteria Plan - Dec. 2023 | Invoice | 12/12/2023 | Cafeteria Plan - Dec. 2023 | 001-195-60003 | 100.00 100.00 |
| 00060 | Southern Connection Police Supp 28099 | 2024158 Ballistic vest and outer carrier with Gro | Invoice | 12/12/2023 | Body worn Ready W/Grommet Hi-Lite Carrier Point Blank Ballistic Vest Point Blank Guardian Carrier | 001-200-53500 001-200-53500 001-200-53500 | 2,322.22 10.00 795.00 221.40 |
| | 28102 28143 28178 28250 28333 | Serving Since Attachments FLEXRS BASE SHIRT NAVY LARGE 8362 STAR COLLAR BRASS SILVER 4 STAR STREAMLIGHT TLR-1 HL GLOCK LIGHT Officer Uniform - Pants/Shirt (Lucas) | Invoice Invoice Invoice Invoice Invoice | 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 | Serving Since Attachments FLEXRS BASE SHIRT NAVY LARGE 8362 STAR COLLAR BRASS SILVER 4 STAR STREAMLIGHT TLR-1 HL GLOCK LIGHT FLEXRS 5 POCKET TACTICAL PANTS NA' | 001-200-53500 001-200-53500 001-200-53500 001-200-90200 001-200-53500 | 54.00 177.00 35.00 199.00 74.00 |
| | 28374 | UNIFORM AND EQUIPMENT ROY DICKI | Invoice | 12/12/2023 | AIR-TEK 1.5" REVERS GARRISON AIR-TEK CLOSED HANDCUFF CASE AIR-TEK DBL OPEN MAG HOLDER AIR-TEK DUTY BELT W/ HOOK BLAUER SOFTSHELL FLEECE JACKET DOUBLE SERVING SINCE ATTACHMENT FLEXRS BASE SHIRT FLEXRS COVERT TACTICAL PANT OCCUNOMIX DELUXE SAFETY VEST REEVES NAME PLATE | 001-200-53500 001-200-53500 001-200-53500 001-200-53500 001-200-53500 001-200-53500 001-200-53500 001-200-53500 001-200-53500 001-200-53500 | 29.95 32.99 29.95 49.95 139.00 19.99 118.00 158.00 34.99 16.00 |
| 00061 | Stantec Consulting Services Inc (S 2154462 | 2024159 Engineering Services - October 2023 | Invoice | 12/12/2023 | Engineering Services - October 2023 | 001-301-60202 | 2,574.00 2,574.00 |
| 00296 | Stay Anchored Apparel LLC INV0001249 | 2024160 Standard Promotional Footballs | Invoice | 12/12/2023 | Standard Promotional Footballs | 001-195-64500 | 213.00 213.00 |
| 00118 | StorageMax Gluckstadt, LLC. 122023 | 2024161 Storage Yard Rental - Dec. 2023 | Invoice | 12/12/2023 | Storage Yard Rental - Dec. 2023 | 001-301-68201 | 225.00 225.00 |
| 00253 | Sullivans Grocery 112023 | 2024162 Open Purchase Order for CWC Work C | Invoice | 12/12/2023 | Open Purchase Order for CWC Work C | 001-301-68301 | 79.00 79.00 |

Docket of Claims Register

APPKT00411 - December

Section 4, Item B)

| Vendor # | Vendor Name | Docket/Claim # | Payable Type | Payable Date | Item Description | Account Number | Payment Amount |
|-------------------------|-------------------------------|--|--------------|--------------|--|------------------------------|---------------------|
| Vendor # | Payable Number | Payable Description | | | | | Distribution Amount |
| 00062 | Terminex Commercial | 2024163 | | | | | 179.00 |
| | 440342677 | Pest Control - Nov. 2023 | Invoice | 12/12/2023 | Pest Control - Nov. 2023 | 001-195-68100 | 179.00 |
| 00181 | Thomson Reuters - West Paymen | 2024164 | | | | | 682.50 |
| | 849392598 | Monthly Clear Subscription Charges - N | Invoice | 12/12/2023 | Monthly Clear Subscription Charges - N | 001-200-68800 | 682.50 |
| 00210 | Venable Glass Services | 2024165 | | | | | 265.00 |
| | 1-364974 | UNIT 2202 F/R WINDOW | Invoice | 12/12/2023 | 2202 DURANGO F/R WINDOW | 001-200-57000 | 265.00 |
| 00071 | Warner, Inc. | 2024166 | | | | | 875.00 |
| | 0099118 | Monthly Janitorial Services | Invoice | 12/12/2023 | Monthly Janitorial Services | 001-195-69900 | 875.00 |
| Total Claims: 46 | | | | | | Total Payment Amount: | 360,120.71 |



Gluckstadt, MS

Docket of Claims Register

Section 4, Item B)

APPKT00408 - Other Claims December 2023

By Docket/Claim Number

| Vendor # | Vendor Name | Docket/Claim # | Payable Description | Payable Type | Payable Date | Item Description | Account Number | Payment Amount |
|-------------------------|----------------------------------|------------------------------------|---------------------|--------------|---------------------------------------|------------------|------------------------------|---------------------|
| | Payable Number | | | | | | | Distribution Amount |
| 00299 | 110 Percent, LLC | 12122023 | | | | | | 3,000.00 |
| | 122023 | Lone Wolf December Rent | Invoice | 12/06/2023 | Lone Wolf December Rent | 001-301-68300 | | 3,000.00 |
| 00166 | Andrew Duggar | 12122024 | | | | | | 120.00 |
| | INV0001193 | P&Z Nov Mtg Per Diem | Invoice | 12/08/2023 | P&Z Nov Mtg Per Diem | 001-190-60103 | | 120.00 |
| 00160 | Charles Phillips King | 12122025 | | | | | | 120.00 |
| | INV0001195 | P&Z Nov Mtg Per Diem | Invoice | 12/08/2023 | P&Z Nov Mtg Per Diem | 001-190-60103 | | 120.00 |
| 00242 | David C. Rawlings, Standing Chap | 12122026 | | | | | | 922.00 |
| | INV0001163 | Bankruptcy Garnishment, Chapter 13 | Invoice | 12/06/2023 | Bankruptcy Garnishment, Chapter 13 | 001-000-00213 | | 461.00 |
| | INV0001183 | Bankruptcy Garnishment, Chapter 13 | Invoice | 12/06/2023 | Bankruptcy Garnishment, Chapter 13 | 001-000-00213 | | 461.00 |
| 00135 | John G. Sims, III | 12122027 | | | | | | 1,200.00 |
| | INV0001201 | Dec. Court Services | Invoice | 12/08/2023 | Dec. Court Services | 001-110-60101 | | 1,200.00 |
| 00163 | Katrina B. Myricks | 12122028 | | | | | | 120.00 |
| | INV0001194 | P&Z Nov Mtg Per Diem | Invoice | 12/08/2023 | P&Z Nov Mtg Per Diem | 001-190-60103 | | 120.00 |
| 00032 | Kelly Dabbs Commercial, LLC | 12122029 | | | | | | 8,792.00 |
| | INV0001205 | Dec. Rent, City Hall | Invoice | 12/06/2023 | Dec. Rent, City Hall | 001-195-68300 | | 8,792.00 |
| 00134 | M. Devin Whitt, PLLC | 12122030 | | | | | | 1,200.00 |
| | INV0001200 | Dec. Court Services | Invoice | 12/08/2023 | Dec. Court Services | 001-110-60201 | | 1,200.00 |
| 00149 | Melanie Greer | 12122031 | | | | | | 120.00 |
| | INV0001199 | P&Z Nov Mtg Per Diem | Invoice | 12/08/2023 | P&Z Nov Mtg Per Diem | 001-190-60103 | | 120.00 |
| 00139 | Mississippi Department of Public | 12122032 | | | | | | 848.00 |
| | INV0001207 | November Assessments | Invoice | 12/06/2023 | November Assessments - Interlock Igni | 001-000-33000 | | 450.00 |
| | | | | | November Assessments - Special Asses | 001-000-33000 | | 398.00 |
| 00164 | Sam McGaugh | 12122033 | | | | | | 120.00 |
| | INV0001198 | P&Z Nov Mtg Per Diem | Invoice | 12/08/2023 | P&Z Nov Mtg Per Diem | 001-190-60103 | | 120.00 |
| 00138 | State General Fund (DFA) | 12122034 | | | | | | 23,650.50 |
| | INV0001206 | November Assessments | Invoice | 12/06/2023 | November Assessments | 001-000-33000 | | 23,650.50 |
| 00161 | Timothy Slattery | 12122035 | | | | | | 120.00 |
| | INV0001197 | P&Z Nov Mtg Per Diem | Invoice | 12/08/2023 | P&Z Nov Mtg Per Diem | 001-190-60103 | | 120.00 |
| Total Claims: 13 | | | | | | | Total Payment Amount: | 40,332.50 |



CITY OF GLUCKSTADT

MISSISSIPPI
PLANNING AND ZONING ADMINISTRATOR

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: William Hall, Planning and Zoning Administrator

DATE: 10/02/2023

SUBJECT: Approval of Middle Mississippi Building Officials Association Annual Membership Fees (Curtis Jones, Building Inspector/Code Enforcement Officer)

The 2024 annual membership fees for Middle Mississippi Building Officials Association are \$175 per member. This membership request and application is for Curtis Jones, the Gluckstadt Building Inspector and Code Enforcement Officer.

The Middle Mississippi
Building Officials Association

Office of
Secretary / Treasurer

THE MIDDLE MISSISSIPPI BUILDING OFFICIALS' ASSOCIATION 2024 MEMBERSHIP APPLICATION

Active Government member

(Building Official, Assistant, Inspector, Zoning Administrator, Plans Examiner, or other Municipal, County, or State of Mississippi employee)

Annual Dues: **\$175.00**

Active Non-Government Member

(A member of a Research Organization, Architect, Engineer, Building Contractor, Association, Institution, Manufacturer, or Dealer Representative, Utility Company Employee, or Other)

Annual Dues: **\$175.00**

Curtis Jones
Name

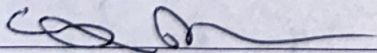
107 Lona Wolf Drive
Address

Huckstadt MS 39110
City State Zip

City of Huckstadt
Employer

Building Inspector / Code Enforcement
Title

769-567-2306 769-567-2305 curtis.jones@huckstadt.net
Telephone Number Fax Number E-Mail Address:


Signature

Please make checks payable to **The Middle Mississippi Building Officials Association**. Mail checks to MMBOA, PO Box 2453, Ridgeland, MS 39158. If you have any questions, we may be contacted at RBarnes@BrandonMS.org.

CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Aldermen

FROM: Scott Maugh, Deputy City Clerk

DATE: 12/07/2023

SUBJECT: Request for Discussion and Approval to Remove Flock Safety Cameras from Fixed Assets

I am requesting the Mayor and Board of Alderman discuss and approve the City Clerk's Office to remove the Flock Safety Cameras from fixed assets.

The contract explicitly states that the payor, the City of Gluckstadt, does not buy/acquire any of the Flock cameras. Legal has advised that leased equipment does not need to be included as a fixed asset.

A copy of the contract is attached for your review.

**FLOCK GROUP INC.
SERVICES AGREEMENT
ORDER FORM**

This Order Form together with the Terms (as defined herein) describe the relationship between Flock Group Inc. ("Flock") and the customer identified below ("Agency") (each of Flock and Customer, a "Party"). This order form ("Order Form") hereby incorporates and includes the "GOVERNMENT AGENCY AGREEMENT" attached (the "Terms") which describe and set forth the general legal terms governing the relationship (collectively, the "Agreement"). The Terms contain, among other things, warranty disclaimers, liability limitations and use limitations.

The Agreement will become effective when this Order Form is executed by both Parties (the "Effective Date").

Agency: MS - Gluckstadt

Contact Name: Wendell Watts

Legal Entity Name:

Address:
343 Distribution Drive
Madison, Mississippi 39110

Phone: (601) 506-7868
E-Mail: wendell.watts@gluckstadt.net

Expected Payment Method:
ACH / Check

Billing Contact: LINDSAY KELLUM, CITY CLERK
(if different than above)

Initial Term: 24 months
Renewal Term: 24 months

Billing Term: Annual payment due Net 30 per terms and conditions

I have reviewed and agree to the Customer Implementation Guide on Schedule B at the end of this agreement.

By executing this Order Form, Agency represents and warrants that it has read and agrees all of the terms and conditions contained in the Terms attached. The Parties have executed this Agreement as of the dates set forth below.

FLOCK GROUP, INC.

Agency: MS - Gluckstadt

By: _____

By: _____

Name: _____

Name: wendell watts

Title: _____

Title: _____

Date: _____

Date: _____

1.1 "**Agency Data**" will mean the data, media and content provided by Agency through the Services. For the avoidance of doubt, the Agency Data will include the Footage.

1.2. "**Agency Hardware**" shall mean the third-party camera owned or provided by Agency and any other physical elements that interact with the Embedded Software and the Web Interface to provide the Services. The term "**Agency Hardware**" excludes the Embedded Software

1.3 "**Authorized End User(s)**" shall mean any individual employees, agents, or contractors of Agency accessing or using the Services through the Web Interface, under the rights granted to Agency pursuant to this Agreement.

1.4 "**Documentation**" will mean text and/or graphical documentation, whether in electronic or printed format, that describe the features, functions and operation of the Services which are provided by Flock to Agency in accordance with the terms of this Agreement.

1.5 "**Embedded Software**" will mean the software and/or firmware embedded or preinstalled on the Agency Hardware.

1.6 "**Flock IP**" will mean the Services, the Documentation, the Embedded Software, the Installation Services, and any and all intellectual property therein or otherwise provided to Agency and/or its Authorized End Users in connection with the foregoing.

1.7 "**Footage**" means still images captured by the Agency Hardware in the course of and provided via the Services.

1.8 "**Hardware**" or "**Flock Hardware**" shall mean the Flock cameras or device, pole, clamps, solar panel, installation components, and any other physical elements that interact with the Embedded Software and the Web Interface to provide the Flock Services. The term "**Hardware**" excludes the Embedded Software.

1.9 "**Implementation Fee(s)**" means the monetary fees associated with the Installation Services, as defined in Section 1.10 below.

1.10 "**Installation Services**" means the services provided by Flock including any applicable installation of Embedded Software on Agency Hardware.

1.11 "**Non-Agency End User(s)**" shall mean any individual, entity, or derivative therefrom, authorized to use the Services through the Web Interface, under the rights granted to pursuant to the terms (or to those materially similar) of this Agreement.

1.12 "**Services**" or "**Flock Services**" means the provision, via the Web Interface, of Flock's software application for automatic license plate detection, searching image records, and sharing Footage.

a. Flock IP. The purpose for usage of the Unit, Documentation, Services, support, and Flock IP are solely to facilitate gathering evidence that could be used in a lawful criminal investigation by the appropriate government agency and not for tracking activities that the system is not designed to capture (“*Permitted Purpose*”). Agency will not, and will not permit any Authorized End Users to, (i) copy or duplicate any of the Flock IP; (ii) decompile, disassemble, reverse engineer or otherwise attempt to obtain or perceive the source code from which any software component of any of the Flock IP is compiled or interpreted, or apply any other process or procedure to derive the source code of any software included in the Flock IP, or attempt to do any of the foregoing, and Agency acknowledges that nothing in this Agreement will be construed to grant Agency any right to obtain or use such source code; (iii) modify, alter, tamper with or repair any of the Flock IP, or create any derivative product from any of the foregoing, or attempt to do any of the foregoing, except with the prior written consent of Flock; (iv) interfere or attempt to interfere in any manner with the functionality or proper working of any of the Flock IP; (v) remove, obscure, or alter any notice of any intellectual property or proprietary right appearing on or contained within any of the Services or Flock IP; (vi) use the Services, support, Unit, Documentation or the Flock IP for anything other than the Permitted Purpose; or (vii) assign, sublicense, sell, resell, lease, rent or otherwise transfer or convey, or pledge as security or otherwise encumber, Agency’s rights under Sections 2.1, 2.2, or 2.3.

b. Flock Hardware. Agency understands that all Flock Hardware is owned exclusively by Flock, and that title to any Flock Hardware does not pass to Agency upon execution of this Agreement. Agency is not permitted to remove, reposition, re-install, tamper with, alter, adjust or otherwise take possession or control of Flock Hardware. Notwithstanding the notice and cure period set for in Section 6.3, Agency agrees and understands that in the event Agency is found to engage in any of the restricted actions of this Section 2.4(b), all warranties herein shall be null and void, and this Agreement shall be subject to immediate termination (without opportunity to cure) for material breach by Agency.

2.5 Retained Rights; Ownership. As between the Parties, subject to the rights granted in this Agreement, Flock and its licensors retain all right, title and interest in and to the Flock IP and its components, and Agency acknowledges that it neither owns nor acquires any additional rights in and to the foregoing not expressly granted by this Agreement. Agency further acknowledges that Flock retains the right to use the foregoing for any purpose in Flock’s sole discretion. There are no implied rights.

2.6 Suspension. Notwithstanding anything to the contrary in this Agreement, Flock may temporarily suspend Agency’s and any Authorized End User’s access to any portion or all of the Flock IP or Flock Hardware if (i) Flock reasonably determines that (a) there is a threat or attack on any of the Flock IP; (b) Agency’s or any Authorized End User’s use of the Flock IP disrupts or poses a security risk to the Flock IP or any other Agency or vendor of Flock; (c) Agency or any Authorized End User is/are using the Flock IP for fraudulent or illegal activities; (d) Flock’s provision of the Services to Agency or any Authorized End User is prohibited by applicable law; (e) any vendor of Flock has suspended or terminated Flock’s access to or use of any third party services or products required to enable

permitting process of installation of cameras or AC power; (ii) any federal, state or local taxes including property, license, privilege, sales, use, excise, gross receipts or other similar taxes which may now or hereafter become applicable to, measured by or imposed upon or with respect to the installation of the Hardware, its use (excluding tax exempt entities), or (iii) any other supplementary cost for services performed in connection with installation of the Hardware, including but not limited to contractor licensing, engineered drawings, rental of specialized equipment or vehicles, third-party personnel (i.e. Traffic Control Officers, Electricians, State DOT-approved poles, etc., if necessary), such costs to be approved by the Agency ("**Agency Installation Obligations**"). In the event that a Designated Location for a Unit requires permits, Flock will provide the Agency with a temporary alternate location for installation pending the permitting process. Once the required permits are obtained, Flock will relocate the Units from the temporary alternate location to the permitted location at no additional cost. Flock will provide options to supply power at each Designated Location. If Agency refuses alternative power supply options, Agency agrees and understands that Agency will not be subject to any reimbursement, tolling, or credit for any suspension period of Flock Services due to low solar. Flock will make all reasonable efforts within their control to minimize suspension of Flock Services. Any fees payable to Flock exclude the foregoing. Without being obligated or taking any responsibility for the foregoing, Flock may pay and invoice related costs to Agency if Agency did not address them prior to the execution of this Agreement or a third party requires Flock to pay. Agency represents and warrants that it has all necessary right title and authority and hereby authorizes Flock to install the Hardware at the Designated Locations and to make any necessary inspections or tests in connection with such installation. Flock is not responsible for installation of Agency Hardware.

2.7.3 Flock's Obligations. Installation of any Flock Hardware shall be installed in a workmanlike manner in accordance with Flock's standard installation procedures, and the installation will be completed within a reasonable time from the time that the Designated Locations are confirmed. Following the initial installation of the Hardware and any subsequent Reinstalls or maintenance operations, Flock's obligation to perform installation work shall cease; however, for the sole purpose of validating installation, Flock will continue to monitor the performance of the Units for the length of the Term and will receive access to the Footage for a period of three (3) business days after the initial installation in order to monitor performance and provide any necessary maintenance solely as a measure of quality control. Agency understands and agrees that the Flock Services will not function without the Hardware. Labor may be provided by Flock or a third party. Flock is not obligated to install, reinstall, or provide physical maintenance to Agency Hardware.

2.7.4 Security Interest. Flock Hardware shall remain the personal property of Flock and will be removed upon the natural expiration of this Agreement at no additional cost to Agency. Agency shall not perform any acts which would interfere with the retention of title of the Hardware by Flock. Should Agency default on any payment of the Flock Services, Flock may remove Hardware at Flock's discretion. Such removal, if made by Flock, shall not be deemed a waiver of Flock's rights to any damages Flock may sustain as a result of Agency's default and Flock shall have the right to enforce any other legal remedy or right.

any equipment and ancillary services needed to connect to, access or otherwise use the Services. Agency will, at its own expense, provide assistance to Flock, including, but not limited to, by means of access to, and use of, Agency facilities, as well as by means of assistance from Agency personnel, to the limited extent any of the foregoing may be reasonably necessary to enable Flock to perform its obligations hereunder, including, without limitation, any obligations with respect to Support Services or any Installation Services.

3.2 Agency Representations and Warranties. Agency represents, covenants, and warrants that Agency will use the Services only in compliance with this Agreement and all applicable laws and regulations, including but not limited to any laws relating to the recording or sharing of video, photo, or audio content. Although Flock has no obligation to monitor Agency 's use of the Services, Flock may do so and may prohibit any use of the Services it believes may be (or alleged to be) in violation of the foregoing.

4. CONFIDENTIALITY; AGENCY DATA

4.1 Confidentiality. To the extent allowable by applicable FOIA and state-specific Public Records Acts, each Party (the "**Receiving Party**") understands that the other Party (the "**Disclosing Party**") has disclosed or may disclose business, technical or financial information relating to the Disclosing Party's business (hereinafter referred to as "**Proprietary Information**" of the Disclosing Party). Proprietary Information of Flock includes non-public information regarding features, functionality and performance of the Services. Proprietary Information of Agency includes non-public data provided by Agency to Flock or collected by Flock via the Unit, including the Footage, to enable the provision of the Services, which includes but is not limited to geolocation information and environmental data collected by sensors built into the Units ("**Agency Data**"). The Receiving Party agrees: (i) to take the same security precautions to protect against disclosure or unauthorized use of such Proprietary Information that the party takes with its own proprietary information, but in no event will a party apply less than reasonable precautions to protect such Proprietary Information, and (ii) not to use (except in performance of the Services or as otherwise permitted herein) or divulge to any third person any such Proprietary Information. Flock's use of the Proprietary Information may include processing the Proprietary Information to send Agency alerts, such as when a car exits Agency 's neighborhood, or to analyze the data collected to identify motion or other events. The Disclosing Party agrees that the foregoing shall not apply with respect to any information that the Receiving Party can document (a) is or becomes generally available to the public, or (b) was in its possession or known by it prior to receipt from the Disclosing Party, or (c) was rightfully disclosed to it without restriction by a third party, or (d) was independently developed without use of any Proprietary Information of the Disclosing Party. Nothing in this Agreement will prevent the Receiving Party from disclosing the Proprietary Information pursuant to any judicial or governmental order, provided that the Receiving Party gives the Disclosing Party reasonable prior notice of such disclosure to contest such order. For clarity, Flock may access, use, preserve and/or disclose the Footage to law enforcement authorities, government officials, and/or third parties, if legally required to do so or if Flock has a good faith belief that such access, use, preservation or disclosure is reasonably necessary to: (a) comply with a legal process or

5. PAYMENT OF FEES

5.1a **Wing Fees.** For Wing products, the Agency will pay Flock the first Usage Fee and the Implementation Fee (as described on the Order Form attached hereto, together the “*Initial Fees*”) as set forth on the Order Form on or before the 30th day following the Effective Date of this Agreement. Flock shall have no liability resulting from any delay by the Agency in installing the Embedded Software on the Agency Hardware. If applicable, Agency shall pay the ongoing Usage Fees set forth on the Order Form with such Usage Fees due and payable thirty (30) days in advance of each payment period. All payments will be made by either ACH, check, or credit card.

5.1b **Falcon Fees.** For Falcon products during the Initial Term, Agency will pay Flock fifty percent (50%) of the first Usage Fee, the Implementation Fee and any fee for Hardware (as described on the Order Form attached hereto, together the “*Initial Fees*”) as set forth on the Order Form on or before the 30th day following receipt of initial invoice after Effective Date. Upon commencement of installation, Flock will issue an invoice for twenty-five percent (25%) of the Initial Fees, and Agency shall pay on or before 30th day following receipt of invoice. Upon completion of installation, Flock will issue an invoice for the remaining balance and Agency shall pay on or before 30th day following receipt of final invoice. Flock is not obligated to commence the Installation Services unless and until the first payment has been made and shall have no liability resulting from any delay related thereto. For a Renewal Term, as defined below, Agency shall pay the entire invoice on or before the 30th day following receipt of invoice.

5.2 **Changes to Fees.** Flock reserves the right to change the fees or applicable charges and to institute new charges and fees at the end of the Initial Term or any Renewal Term, upon sixty (60) days’ notice prior to the end of such Initial Term or Renewal Term (as applicable) to Agency (which may be sent by email). If Agency believes that Flock has billed Agency incorrectly, Agency must contact Flock no later than sixty (60) days after the closing date on the first billing statement in which the error or problem appeared, in order to receive an adjustment or credit. Inquiries should be directed to Flock’s Agency support department. Agency acknowledges and agrees that a failure to contact Flock within this sixty (60) day period will serve as a waiver of any claim Agency may have had as a result of such billing error.

5.3 **Invoicing, Late Fees; Taxes.** Flock may choose to bill through an invoice, in which case, full payment for invoices issued in any given month must be received by Flock thirty (30) days after the mailing date of the invoice. If Agency is a non-tax exempt entity, Agency shall be responsible for all taxes associated with Services other than U.S. taxes based on Flock’s net income.

6. TERM AND TERMINATION

retention policy. Non-Agency End Users and Flock may, in their sole discretion, leave access open. The No-Fee Term will survive the Term of this Agreement. Flock, in its sole discretion, can determine not to provide additional No-Fee Terms or can impose a price per No-Fee Term upon thirty (30) days' notice. Agency may terminate any No-Fee Term or access to future No-Fee Terms upon thirty (30) days' notice.

6.6 Survival. The following Sections will survive termination: 2.4, 2.5, 3, 4, 5 (with respect to any accrued rights to payment), 5.4, 6.5, 7.4, 8.1, 8.2, 8.3, 8.4, 9.1 and 10.5.

7. REMEDY; WARRANTY AND DISCLAIMER

7.1 Remedy. Upon a malfunction or failure of Flock Hardware or Embedded Software (a "*Defect*"), Agency must notify Flock's technical support as described in Section 2.9 above. If Flock is unable to correct the Defect, Flock shall, or shall instruct one of its contractors to repair or replace the Flock Hardware or Embedded Software suffering from the Defect. Flock reserves the right in their sole discretion to refuse or delay replacement or its choice of remedy for a Defect until after it has inspected and tested the affected Unit provided that such inspection and test shall occur within seventy-two (72) hours after Agency notifies the Flock of a known Defect. In the event of a Defect, Flock will repair or replace the defective Unit at no additional cost. In the event that a Unit is lost, stolen, or damaged, Agency may request that Flock replace the Unit at a fee according to the then-current Reinstall Policy (<https://www.flocksafety.com/reinstall-fee-schedule>). Agency shall not be required to replace subsequently lost, damaged or stolen Units, however, Agency understands and agrees that functionality, including Footage, will be materially affected due to such subsequently lost, damaged or stolen Units and that Flock will have no liability to Agency regarding such affected functionality nor shall the Usage Fee or Implementation Fees owed be impacted. Flock is under no obligation to replace or repair Hardware.

7.2 Exclusions. Flock will not provide the remedy described in Section 7.1 if Agency is found to have misused the Flock Hardware, Agency Hardware or Embedded Software in any manner.

7.3 Warranty. Flock shall use reasonable efforts consistent with prevailing industry standards to maintain the Services in a manner which minimizes errors and interruptions in the Services and shall perform the Installation Services in a professional and workmanlike manner. Upon completion of any installation or repair, Flock shall clean and leave the area in good condition. Services may be temporarily unavailable for scheduled maintenance or for unscheduled emergency maintenance, either by Flock or by third-party providers, or because of other causes beyond Flock's reasonable control, but Flock shall use reasonable efforts to provide advance notice in writing or by e-mail of any scheduled service disruption.

7.4 Disclaimer. THE REMEDY DESCRIBED IN SECTION 7.1 ABOVE IS AGENCY 'S SOLE REMEDY, AND FLOCK'S SOLE LIABILITY, WITH RESPECT TO DEFECTIVE EMBEDDED SOFTWARE. THE FLOCK DOES NOT WARRANT THAT THE SERVICES WILL BE UNINTERRUPTED OR ERROR FREE; NOR DOES

THE STATE MENTIONED IN SECTION 10.6, OR IF NO STATE IS MENTIONED IN SECTION 10.6, BY THE LAW OF THE STATE OF GEORGIA.

8.2 Additional No-Fee Term Requirements. IN NO EVENT SHALL FLOCK'S AGGREGATE LIABILITY, IF ANY, ARISING OUT OF OR IN ANY WAY RELATED TO THE COMPLIMENTARY NO-FEE TERM AS DESCRIBED IN SECTION 6.5 EXCEED \$100, WITHOUT REGARD TO WHETHER SUCH CLAIM IS BASED IN CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY OR OTHERWISE. Parties acknowledge and agree that the essential purpose of this Section 8.2 is to allocate the risks under the No-Fee Term described in Section 6.5 and limit potential liability given the aforementioned complimentary service, which would have been substantially higher if Flock were to assume any further liability other than as set forth herein. Flock has relied on these limitations in determining whether to provide the complimentary No-Fee Term. The limitations set forth in this Section 8.2 shall not apply to claims or damages resulting from Flock's other obligations under this Agreement.

8.3 Responsibility. Each Party to this Agreement shall assume the responsibility and liability for the acts and omissions of its own employees, deputies, officers, or agents, in connection with the performance of their official duties under this Agreement. Each Party to this Agreement shall be liable (if at all) only for the torts of its own officers, agents, or employees that occur within the scope of their official duties. Agency will not pursue any claims or actions against Flock's suppliers.

8.4 Indemnity. Agency hereby agrees to indemnify and hold harmless Flock against any damages, losses, liabilities, settlements and expenses in connection with any claim or action that arises from an alleged violation of Section 3.2, a breach of this Agreement, Agency's Installation Obligations, Agency's sharing of any data in connection with the Flock system, Flock employees or agent or Non-Agency End Users, or otherwise from Agency's use of the Services, Flock Hardware, Agency Hardware and any Embedded Software, including any claim that such actions violate any applicable law or third party right. Although Flock has no obligation to monitor Agency's use of the Services, Flock may do so and may prohibit any use of the Services it believes may be (or alleged to be) in violation of Section 3.2 or this Agreement.

9. RECORD RETENTION

9.1 Data Preservation. The Agency agrees to store Agency Data in compliance with all applicable local, state and federal laws, regulations, policies and ordinances and their associated record retention schedules. As part of Agency's consideration for paid access and no-fee access to the Flock System, to the extent that Flock is required by local, state or federal law to preserve the Agency Data, Flock will notify Agency of the requirement and applicable retention period, and Agency agrees to preserve and securely store this data on Flock's behalf so that should Flock be legally compelled by judicial or government order, Flock may retrieve the data from Agency upon demand.

10.6 **Publicity.** Upon prior consent from Agency, Flock has the right to reference and use Agency's name and trademarks and disclose the nature of the Services provided hereunder in each case in business and development and marketing efforts, including without limitation on Flock's website.

10.7 **Export.** Agency may not remove or export from the United States or allow the export or re-export of the Flock IP or anything related thereto, or any direct product thereof in violation of any restrictions, laws or regulations of the United States Department of Commerce, the United States Department of Treasury Office of Foreign Assets Control, or any other United States or foreign agency or authority. As defined in FAR section 2.101, the Services, the Hardware, the Embedded Software and Documentation are "commercial items" and according to DFAR section 252.2277014(a)(1) and (5) are deemed to be "commercial computer software" and "commercial computer software documentation." Consistent with DFAR section 227.7202 and FAR section 12.212, any use, modification, reproduction, release, performance, display, or disclosure of such commercial software or commercial software documentation by the U.S. Government will be governed solely by the terms of this Agreement and will be prohibited except to the extent expressly permitted by the terms of this Agreement.

10.8 **Headings.** The headings are merely for organization and should not be construed as adding meaning to the Agreement or interpreting the associated Sections.

10.09 **Authority.** Each of the below signers of this Agreement represent that they understand this Agreement and have the authority to sign on behalf of and bind the organizations and individuals they are representing.

10.10 **Notices.** All notices under this Agreement will be in writing and will be deemed to have been duly given when received, if personally delivered; when receipt is electronically confirmed, if transmitted by facsimile or e-mail; the day after it is sent, if sent for next day delivery by recognized overnight delivery service; and upon receipt, if sent by certified or registered mail, return receipt requested.

Customer Implementation Guide: Law Enforcement

Contents

- Implementation Timeline 2**
- Implementation Team 3**
- Implementation Service brief: Standard VS Advanced 6**
 - Standard Implementation 6
 - Advanced Implementation 8
- Things to Consider when Picking Locations 10**
- Customer Responsibilities: AC-Powered Cams 11**
- Electrician Handout 12**
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 - FAQs about AC-Powered Flock Cameras 13
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 - 1. Timeline 16
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 - 3. AC Power vs. Solar 16
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 - 5. Paperwork & Required Forms 17
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- Professional Services Fee Schedule 17**
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Implementation Team

| Implementation Team | How they will support you |
|---------------------|---------------------------|
|---------------------|---------------------------|

Project Manager



Your **Project Manager** is your **primary contact during camera installation.**

- Your project manager will guide you through the entire installation process, keeping you apprised of all implementation updates as well as answering any questions you have during this time. They will ensure that all the cameras are on the ground and operating for at least 48 hours before transitioning you to your Customer Success Manager.

Field Operations Team



- The Field Operations team is responsible for the physical installation and maintenance of cameras and associated equipment provided by Flock. This includes a large team of technicians, schedulers, and many others involved in ensuring the delivery of the product.

- They take the technical plan you finalized with Product Implementation and work closely with other teams at Flock to make sure that the cameras are installed quickly and safely and in a way that maximizes the opportunity to solve crime at a specific location.

- ***Note*:** For **all Installation questions or concerns**, please always direct them to your **Customer Success Manager** and not the technician.

Product Implementation Specialist



Your **Product Implementation Specialist** is your **technical product expert.**

They will help translate your goal for using Flock Safety cameras into a technical plan that can be executed and enable you to solve crime. **Your specialist will work your Sales Rep to:**

- Review the cameras in your deployment
- Ensure that the deployment plan is set up for success from a technological standpoint in addition to meeting your goals for the product
- If any of your locations require permits, a member of the Product Implementation team will assist you in packaging your application(s).



| Outside Party | When they may be involved |
|----------------------|----------------------------------|
|----------------------|----------------------------------|

**Electrician/
Street
Department**

If the Flock cameras need to be AC powered, you (customer) are responsible for providing an electrician to ensure power connectivity

**Public Works
(LE)**

To weigh in on the use of public Rights of Way or property

**Department of
Transportation
(DOT), City,
or County
agencies**

If installation in your area requires permitting

Not included in scope:

Flock does **not** include the following as part of the Standard Implementation Service but can provide a quote for sourcing at an additional cost:

- Cannot NCHRP 350 or MASH approved pole (as may be required for locations in DOT right of way)
- A Bucket Truck for accessing horizontal/cross-beams
- Site-specific engineered traffic plans
- Third-party provided traffic control
- State or City-specific specialty contractor licenses
- Custom engineered drawings
- Electrical work requires a licensed electrician. Flock will provide and mount an AC adapter that a qualified electrician can connect to AC power but cannot make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material).
- Private utility search for privately owned items not included in standard 811 procedures (communication, networking, sprinklers, etc.)
- Upgrades to power sources to ready them for Flock power (additional fuses, switches, breakers, etc.)
- Any fees or costs associated with filing for required City, County, or State permits

Not included in scope:

By default, Flock does **not** include the following as part of the Advanced Implementation Service but can optionally provide a quote for sourcing (additional cost):

- A Bucket Truck for accessing horizontal/cross-beams
 - Site-specific engineered traffic plans
 - Third-party provided traffic control
 - State or City-specific specialty contractor licenses
 - Custom engineered drawings
 - Electrical work requires a licensed electrician. Flock will provide and mount an AC adapter that a qualified electrician can connect to AC power but cannot make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material).
 - Private utility search for privately owned items not included in standard 811 procedures (communication, networking, sprinklers, etc.)
 - Upgrades to power sources to ready them for Flock power (additional fuses, switches, breakers, etc.)
- Any fees or costs associated with filing for required City, County, or State permits



Customer Responsibilities: AC-Powered Cams

If the Flock cameras need to be AC-powered, the customer is responsible for acquiring an electrician and ensuring they connect the camera to power. **See steps 2 and 6 below.**



Don't Let Access to Solar Limit Your Power Needs

The Flock Safety license plate reading camera system can leverage AC power to help your community solve crime no matter the location.



- Easy to Use Install Power Kit
- Work with Local Electricians
- Efficient Quote & Installation Process

How to Get Started with a Powered Install

- 1. Create a Deployment Plan**
Work with Flock to select the best location(s) for your cameras and power sources.
- 2. Acquire an Electrical Quote**
Contact an electrician to receive a quote to run 120volt AC power to the camera.
- 3. Sign Flock Safety Agreement**
Sign the Flock Safety purchase order to begin the installation of the cameras.
- 4. Conduct Site Survey**
Flock will mark camera locations, locate underground utilities and mark if present.
- 5. Install Camera**
Flock will install the camera and AC power kit at the specified camera location.
- 6. Connect Camera to Power**
Notify the electrician that the camera is ready for the power connection installation.

Visit flocksafety.com/power-install for the complete plan, FAQs & to get started!

FAQs about AC-Powered Flock Cameras

- **What voltage is supported?** The AC kit is designed to work with 120VAC infrastructure by default. A 240VAC version is available on request.
- **How much power does this consume?** Peak current draw is 1.5 A at 120VAC. The average power draw is roughly 30W in high traffic conditions but maybe lower when fewer vehicles are present.
- **Who is responsible for contracting the electrician?** The customer is responsible for contracting an electrician. We can help answer questions, but the customer is responsible for identifying and contracting an electrician.
- **Who is responsible for maintenance?** Flock will handle all maintenance related to Flock's camera and power equipment. However, any problems with the electrical supply are the customer's responsibility. The AC junction box has two lights to indicate the presence of power and make it easy for quick diagnosis if there is a problem related to the AC power source.
 - If the camera indicates to Flock that there is a power supply problem, Flock will notify the customer and request that the customer verifies the lights on the AC junction box. If the AC Source light is illuminated, Flock will send a technician to investigate. If the AC source light is not illuminated, the customer should check any GFCI's or breakers in the supply circuit or call the electrician who installed the power supply.
- **How much does it cost?** Work required to bring AC power to each location will be different, so exact pricing is unavailable. Primary cost drivers include arrow boards and the distance from the camera location to the AC power source.
- **What information do I need to provide my electrician?** The Flock deployment plan and these work instructions should be sufficient to secure a quote. It will be helpful if you know the location of the existing power infrastructure before creating the deployment plan.
- **Can you plug it into my existing power outlet?** The Flock AC power adapter does not use a standard outlet plug but must be directly wired into the power mains. While using outlet plugs may be convenient, they can easily be unplugged, presenting a tampering risk to this critical safety infrastructure. The electrician can route power directly to the camera with a direct wire-in connection if an outlet is close to the camera.
- **How long does this process typically take?** The installation process typically takes 6-8 weeks. To accelerate the process, be sure to have the electrician perform his work shortly after the Flock technician finishes installing the camera.
- **What kind of electrician should I look for?** Any licensed electrician should perform this work, though we have found that those who advertise working with landscape lighting are most suited for this work.
- **What happens if the electrician damages the equipment?** The customer is responsible for contracting the electrician. Any liability associated with this work would be assumed by the customer. If any future work is required at this site due to the electrical infrastructure or the work performed by the electrician would be the responsibility of the customer.

Installation Service Brief Summary

Below outlines the statement of work for the Flock Camera Installation:

| What is covered by Flock | What is NOT covered by Flock | Special note |
|--|---|--|
| Flock Cameras & Online Platform | Traffic Control and any associated costs | |
| Mounting Poles | *DOT Approved Pole cost Electrician & ongoing electrical costs | |
| AC Power Kit (as needed) | Engineering Drawings | |
| Solar Panels (as needed) | Relocation Fees | <i>Excluding changes during initial installation</i> |
| Site Surveys and Call 811 Scheduling | Contractor licensing fees | |
| Installation Labor Costs | Permit application processing fees | |
| Customer Support / Training | Specialist mounting equipment | <i>Including, but not limited to, **MASH poles or adapters</i> |
| Cellular Data Coverage | Bucket trucks | |
| Maintenance Fees (review Fees Sheet for more details) | Loss, theft, damage to Flock equipment | |
| Data storage for 30 days | Camera downtime due to power outage | <i>Only applicable for AC-powered cameras</i> |

*If a location requires a "DOT pole" (i.e., not our standard), the implementation cost will be \$750/camera; This cost is applicable for installations in GA, IL, SC, TN, and CA.

**MASH poles: Manual for Assessing Safety Hardware (MASH) presents uniform guidelines for crash testing permanent and temporary highway safety features and recommends evaluation criteria to assess test results

- **If a bucket truck is *not* required**, the shoulder or sidewalk should suffice and enable Flock Safety to proceed without traffic control systems in place.
 - Note: In some states (i.e., arrow boards), sidewalks may require signage. If signage is mandatory, Will your Public Works department be able to assist?

5. Paperwork & Required Forms

- Flock Safety will need copies of paperwork to complete before proceeding (ex., business license applications, encroachment permit applications). We can save critical time by gathering these documents upfront. We appreciate your assistance in procuring these.

6. Contacts

- If Flock Safety needs to interface directly with the departments, please share the contact information of the following departments:
 - Permitting
 - Public Works
 - Traffic Department

Professional Services Fee Schedule

- Camera relocation, existing pole non-AC powered = \$350
- Camera relocation, Flock pole and/or AC powered = \$750
- Camera replacement as a result of vandalism, theft, or damage = \$500
- Pole replacement as a result of vandalism, theft, or damage = \$500
- Trip charge = \$350
- Examples:
 - Angle adjustment (elective)
 - Install additional Flock signage

Help Center

Our Help Center is filled with many resources to help you navigate through the online platform. Below you will find some common questions and their relevant help article:

How do I search camera footage?

How do I add a user?

How do I add a vehicle to my own Hot List?

How do I enable browser notifications for Hot List alerts?

How do I get text alerts for Hot List?

How do I request camera access from other nearby agencies?

How do I use the National Lookup to search for a plate? *(National Lookup - network of law enforcement agencies that have opted to allow their network of Flock cameras to be used for searches)*

How do I reset my / another user's password?

Customer Support

You can reach our customer support team anytime by emailing support@flocksafety.com. They can help answer any "How-To" questions you may have.



MAYOR

Walter C. Morrison, IV

CITY CLERK

Lindsay Kellum

POLICE CHIEF

Barry Hale

**MUNICIPAL COURT
CLERK**

Stephanie Gerlach

**PLANNING & ZONING
ADMIN./BUILDING
DEPT.**

William Hall

PUBLIC WORKS

Chris Buckner

**CITY OF GLUCKSTADT
MISSISSIPPI**



**343 DISTRIBUTION DRIVE
GLUCKSTADT, MS 39110**

ALDERMEN

Miya Bates

Jayce Powell

Wesley Slay

John Taylor

Lisa Williams

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Barry Hale, Chief of Police

DATE: Thursday, December 07, 2023

SUBJECT: Requesting the Mayor and Board of Alderman approve Lieutenant Stephen Tucker and Sergeant Brian McCarty to attend the Certified Investigator Program 2024.

I am requesting the Mayor and Board of Alderman approve Lieutenant Stephen Tucker and Sergeant Brian McCarty to attend the Certified Investigator Program 2024. The cost of the class will be \$2,500.00 The class will be one week a month for 8 months. This state certification will provide investigators working in the Mississippi criminal justice system with the tools and information to identify individuals involved in severe illegal activities and obtain a conviction. The class will be at the Mississippi Law Enforcement Officers Training Academy in Pearl, MS.

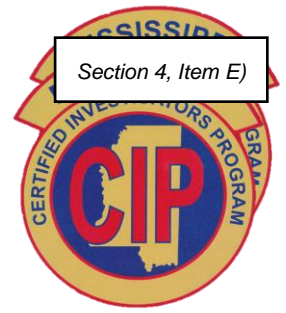
Sincerely,

Chief Barry Hale



Mississippi Law Enforcement Officers Training Academy

Section 4, Item E)



Certified Investigator Program

C.I.P. will provide advanced techniques, concepts, and methodologies for conducting criminal investigations. The continuous, intensive learning process will ensure that investigators have current training consistent with developing the knowledge, skills, and abilities to perform as a criminal investigator.

In 2024, we have added a week of Interviews and Interrogation. This course is designed to provide the law enforcement officer with the knowledge, skills, and techniques necessary when conducting criminal interviews and interrogations, emphasizing Miranda's use, communication, listening skills, body language, and the importance of proper documentation of the interview or interrogation.

Topics:

- Homicide/Death Investigation/Autopsy-MS crime lab
- Crime Scene
- Sexual Assault
- White Collar Crimes
- Cybercrimes/Sex Offender
- Interview & Interrogation
- Gangs & Extremists Groups
- Child Predators/Child Abuse Investigations

C.I.P. Course: \$2,500 Does not include meals or lodging.

This state certification will provide investigators working in the Mississippi criminal justice system with the tools and information to identify individuals involved in severe illegal activities and obtain a conviction.

Officers Training Academy

Certified Investigator Program

To: C.I.P. Coordinator

Date: _____

Subject: C.I.P. Registration

I request that (Officer's name) _____ of the
(Agency name) _____ be
enrolled in the Certified Investigator Program. The candidate is a certified Law
Enforcement Officer by the State of Mississippi with _____ years experience.
I realize that this course covers eight (8) sessions, each session being one (1) week in
length each month, and may take up to a year for completion. Every attempt will be made to
limit the officer from missing any sessions. If circumstances develop that my candidate cannot
attend, MLEOTA will be notified immediately so the slot may be filled by another candidate.

Requested by: (print name) _____

Supervisor Title: _____

Supervisor signature: _____

CIP-Officer candidate: _____

Candidate's telephone number: _____

Candidate's work e-mail address: _____

Date received by C.I.P.: _____

Date confirmed by C.I.P.: _____

Scheduled for class #: _____

Certified Investigator Program, Fax # 601-933-2200

MLEOTA, Office # 601-933-2101



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Buckner, Chris, Public Works Director

DATE: 12/11/2023

SUBJECT: Special Circumstances Sinkhole Repair

On November 27, 2023, Public Works requested Mayor Morrison to sign a Special Circumstances form to fill a sinkhole that was in the asphalt at 111 Aulenbrock Dr, causing a void in the road. This sinkhole was a safety hazard that needed to be filled as an emergency to prevent vehicle or personal injury.

Please feel free to contact me with any questions or concerns.

**CITY OF GLUCKSTADT
SPECIAL CIRCUMSTANCES APPROVAL FORM**

This form must be completed and submitted when requesting authority to purchase under any of the following special circumstances: Emergency Purchase, Sole-Source Purchase, and Exemption from State Contract.

Department Submitting Request:
Public Works

Date: 11-27-23

Type of Special Circumstance:
 Emergency Purchase Sole-Source Purchase
 Exemption from State Contract

PLEASE NOTE THAT SOLE-SOURCE PURCHASES, AND EXEMPTIONS FROM STATE CONTRACT PURCHASES REQUIRE PRIOR APPROVAL. REQUESTS FOR APPROVAL OF EMERGENCY PURCHASES MAY BE MADE AFTER THE PURCHASE HAS BEEN MADE.

JUSTIFICATION

Please submit a justification in sufficient detail so that a person not familiar with the situation could be expected to understand the need to forego the normal purchasing procedure. The justification can be typed on the back of this form or submitted on an attached sheet. Consider the following questions when preparing the justification:

- Emergency:
- Does it fall under the definition of an emergency set forth in the Purchasing Policy?
 - What happened to cause the emergency?
 - What would be the negative consequences of following normal purchasing procedures?

- Sole Source:
- Do other companies make similar commodities that will do the same job or meet the same goals?
 - How is this item unique from all others?
 - What can this item do that the others can't?

- Is there a copyright or patent on the commodity? Is this item available from other distributors?

Exemption from State Contract:

- What is the state contract price for a comparable item?
- Is the quality level equal to or better than that on contract?
- What are the transportation costs?
- Have all applicable costs been included in the evaluation?

JUSTIFICATION

Attach an additional page if needed. Remember to submit two copies of all applicable attachments.

A sinkhole has formed in the street on Aulenbrock Dr.
 To avoid any accidents, or someone walking and falling in, we
 need to get this repaired as soon as possible.

CERTIFICATIONS

As per the Purchasing Policy the certification for an emergency purchase must be signed by the executive head of the requesting agency. Other certifications should be signed by the individual responsible for the justification.

- a. **EMERGENCY PURCHASE** “This is to certify that an extreme emergency existed to such an extent that delay incident to obtaining competitive quotations would have resulted in loss and/or harm to the agency.”



 Signed

- b. **SOLE-SOURCE PURCHASE** “This is to certify that this purchase covers a commodity which is available from one source only and neither comparative nor competitive quotations can be obtained.”

Signed

- c. **EXEMPTION FROM STATE CONTRACT** “This is to certify that this purchase covers a commodity which is available by a non-state vendor for an equal or lesser value.

Signed

**CITY OF GLUCKSTADT
SPECIAL CIRCUMSTANCES APPROVAL FORM**

This form must be completed and submitted when requesting authority to purchase under any of the following special circumstances: Emergency Purchase, Sole-Source Purchase, and Exemption from State Contract.

Department Submitting Request:

Public Works

Date: 11-27-23

*Walter Morosini
approved*

Type of Special Circumstance:

Emergency Purchase Sole-Source Purchase
 Exemption from State Contract

PLEASE NOTE THAT SOLE-SOURCE PURCHASES, AND EXEMPTIONS FROM STATE CONTRACT PURCHASES REQUIRE PRIOR APPROVAL. REQUESTS FOR APPROVAL OF EMERGENCY PURCHASES MAY BE MADE AFTER THE PURCHASE HAS BEEN MADE.

JUSTIFICATION

Please submit a justification in sufficient detail so that a person not familiar with the situation could be expected to understand the need to forego the normal purchasing procedure. The justification can be typed on the back of this form or submitted on an attached sheet. Consider the following questions when preparing the justification:

Emergency:

- Does it fall under the definition of an emergency set forth in the Purchasing Policy?
- What happened to cause the emergency?
- What would be the negative consequences of following normal purchasing procedures?

Sole Source:

- Do other companies make similar commodities that will do the same job or meet the same goals?
- How is this item unique from all others?
- What can this item do that the others can't?

Murray
Mud-Jacking Service Inc.
Research and Experience Since 1946
P.O. box 656, Madison, MS.39130
Phone (601) 898-0500
Fax: (601) 898-0506

Date 11-16-23
City of Gluckstadt
Public Works
Gluckstadt Ms. 39110

Attn: *Chris Buckner*

Re: Storm drain repair, *111 Aulenbrook Dr*

We will pump soil cement to fill voids around storm drains and seal pipes.

We as a matter of policy will assume no responsibility for any under ground piping or plumbing, utilities ect.

The cost for these repairs is \$ 2000.⁰⁰

City to furnish water for material and clean up.

Sincerely,

Dalton Strait

Dalton Strait
/for Murray Mud-Jacking Service Inc.

City of Gluckstadt

Debt Service Fund 1 (2023 G.O. Bond Issue) - Monthly Budget Report for Month Ending November 30, 2023

| | ADOPTED BUDGET FY2023-24 | MTD ACTIVITY | YTD ACTIVITY | YTD ACTIVITY + ENCUMBRANCES | BUDGET REMAINING |
|---|--------------------------------|-----------------|-----------------|--------------------------------|---------------------|
| Revenues | | | | | |
| TRANSFERS IN - FROM GENERAL FUND | \$617,030.71 | \$0.00 | \$0.00 | \$0.00 | \$617,030.71 |
| BEGINNING CASH | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total Revenues | \$617,030.71 | \$0.00 | \$0.00 | \$0.00 | \$617,030.71 |
| Expenditures | | | | | |
| BONDS - PRINCIPAL PAYMENT | \$305,000.00 | \$0.00 | \$0.00 | \$0.00 | \$305,000.00 |
| BONDS - INTEREST PAYMENT | \$312,030.71 | \$0.00 | \$0.00 | \$0.00 | \$312,030.71 |
| DEBT SERVICE | \$617,030.71 | \$0.00 | \$0.00 | \$0.00 | \$617,030.71 |
| Total Expenditures | \$617,030.71 | \$0.00 | \$0.00 | \$0.00 | \$617,030.71 |
| Net (Revenues less Expenditures) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |

City of Gluckstadt

Section 5, Item A)

Police Station Capital Project Fund 2 (2023 Legislative Appropriation) - Monthly Budget Report for Month Ending November 30, 2023

| | ADOPTED BUDGET FY2023-24 | MTD ACTIVITY | YTD ACTIVITY | YTD ACTIVITY + ENCUMBRANCES | BUDGET REMAINING |
|---|--------------------------------|-----------------|-----------------|--------------------------------|---------------------|
| Revenues | | | | | |
| BEGINNING CASH | \$750,000.00 | \$0.00 | \$0.00 | \$0.00 | \$750,000.00 |
| Total Revenues | \$750,000.00 | \$0.00 | \$0.00 | \$0.00 | \$750,000.00 |
| Expenditures | | | | | |
| CONTRACTUAL SERVICES | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| CAPITAL OUTLAY - BUILDING | \$750,000.00 | \$0.00 | \$0.00 | \$0.00 | \$750,000.00 |
| CAPITAL OUTLAY | \$750,000.00 | \$0.00 | \$0.00 | \$0.00 | \$750,000.00 |
| Total Expenditures | \$750,000.00 | \$0.00 | \$0.00 | \$0.00 | \$750,000.00 |
| Net (Revenues less Expenditures) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |

City of Gluckstadt

Section 5, Item A)

Police Station Capital Project Fund 3 (2023 G.O. Bond Issue) - Monthly Budget Report for Month Ending November 30, 2023

| | ADOPTED BUDGET FY2023-24 | MTD ACTIVITY | YTD ACTIVITY | YTD ACTIVITY + ENCUMBRANCES | BUDGET REMAINING |
|---|--------------------------------|-----------------------|-----------------------|--------------------------------|-----------------------|
| Revenues | | | | | |
| BEGINNING CASH | \$5,888,014.00 | \$0.00 | \$0.00 | \$0.00 | \$5,888,014.00 |
| Total Revenues | \$5,888,014.00 | \$0.00 | \$0.00 | \$0.00 | \$5,888,014.00 |
| Expenditures | | | | | |
| CAPITAL OUTLAY - BUILDING | \$5,888,014.00 | \$384,756.65 | \$384,756.65 | \$662,929.01 | \$5,225,084.99 |
| CAPITAL OUTLAY | \$5,888,014.00 | \$384,756.65 | \$384,756.65 | \$662,929.01 | \$5,225,084.99 |
| Total Expenditures | \$5,888,014.00 | \$384,756.65 | \$384,756.65 | \$662,929.01 | \$5,225,084.99 |
| Net (Revenues less Expenditures) | \$0.00 | (\$384,756.65) | (\$384,756.65) | (\$662,929.01) | \$662,929.01 |

**City of Gluckstadt
General Fund Monthly Budget Report for Month Ending November 30, 2023**

| | ADOPTED BUDGET FY2023-24 | AMENDED BUDGET FY2023-24 (NOVEMBER) | MTD ACTIVITY | YTD ACTIVITY | YTD ACTIVITY + ENCUMBRANCES | BUDGET REMAINING |
|-------------------------------------|--------------------------------|--|---------------------|-----------------------|--------------------------------|-----------------------|
| Revenues | | | | | | |
| AD VAL - REAL PROPERTY TAXES | \$834,000.00 | \$834,000.00 | \$0.00 | \$0.00 | \$0.00 | \$834,000.00 |
| AD VAL - AUTO TAXES | \$130,000.00 | \$130,000.00 | \$11,620.28 | \$20,743.95 | \$20,743.95 | \$109,256.05 |
| AD VAL - PERS. PROP. / MH TAXES | \$454,000.00 | \$454,000.00 | \$0.00 | \$8,664.47 | \$8,664.47 | \$445,335.53 |
| AD VAL - PRIOR YEAR TAXES - REAL | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| AD VAL - PRIOR YEAR TAXES - AUTO | \$1,000.00 | \$1,000.00 | \$3.01 | \$148.70 | \$148.70 | \$851.30 |
| AD VAL - PRIOR YEAR TAXES - OTHER | \$12,000.00 | \$12,000.00 | \$126.95 | \$126.95 | \$126.95 | \$11,873.05 |
| AD VAL - PUBLIC UTILITIES TAXES | \$14,900.00 | \$14,900.00 | \$0.00 | \$0.00 | \$0.00 | \$14,900.00 |
| AD VAL - PENALTIES & INTEREST | \$3,000.00 | \$3,000.00 | \$60.23 | \$163.03 | \$163.03 | \$2,836.97 |
| PRIVILEGE LICENSES | \$28,000.00 | \$28,000.00 | \$2,103.00 | \$2,965.75 | \$3,048.25 | \$24,951.75 |
| FRANCHISE TAXES (PUBLIC UTILITIES) | \$200,000.00 | \$200,000.00 | \$62,805.84 | \$67,623.63 | \$67,623.63 | \$132,376.37 |
| PERMITS - BUILDING | \$80,000.00 | \$80,000.00 | \$11,025.00 | \$21,020.25 | \$21,140.25 | \$58,859.75 |
| PERMITS - ZONING | \$3,400.00 | \$3,400.00 | \$100.00 | \$1,400.00 | \$1,500.00 | \$1,900.00 |
| FEDERAL GRANT - PPE SUBGRANT | \$0.00 | \$22,692.00 | \$0.00 | \$0.00 | \$0.00 | \$22,692.00 |
| STATE GRANT - HOMELAND SECURITY | \$0.00 | \$173,554.00 | \$0.00 | \$0.00 | \$0.00 | \$173,554.00 |
| STATE GRANT - DEPT OF PUBLIC SAFETY | \$0.00 | \$6,850.00 | \$0.00 | \$0.00 | \$0.00 | \$6,850.00 |
| MUNICIPAL REVOLVING FUND | \$1,200.00 | \$1,200.00 | \$0.00 | \$1,231.09 | \$1,231.09 | (\$31.09) |
| HOMESTEAD EXEMPT REIMB | \$9,250.00 | \$9,250.00 | \$0.00 | \$0.00 | \$0.00 | \$9,250.00 |
| ABC PERMITS | \$3,000.00 | \$3,000.00 | \$0.00 | \$900.00 | \$900.00 | \$2,100.00 |
| MUNICIPAL GAS AID TAX | \$1,900.00 | \$1,900.00 | \$0.00 | \$0.00 | \$0.00 | \$1,900.00 |
| RAILROAD TAX | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| SALES TAX | \$2,850,000.00 | \$2,850,000.00 | \$249,350.75 | \$511,595.00 | \$511,595.00 | \$2,338,405.00 |
| COUNTY ROAD & BRIDGE TAXES | \$180,000.00 | \$180,000.00 | \$1,723.56 | \$4,361.79 | \$4,361.79 | \$175,638.21 |
| E-911 FUNDS | \$0.00 | \$454,446.80 | \$0.00 | \$454,446.80 | \$454,446.80 | \$0.00 |
| OTHER REVENUE / BoS ROAD PLAN | \$325,000.00 | \$325,000.00 | \$0.00 | \$0.00 | \$0.00 | \$325,000.00 |
| GRAND GULF | \$55,000.00 | \$55,000.00 | \$0.00 | \$0.00 | \$0.00 | \$55,000.00 |
| MIMA FUNDS | \$440,960.00 | \$440,960.00 | \$0.00 | \$0.00 | \$0.00 | \$440,960.00 |
| STATE ASSESSMENTS (DFA & DPS) | (\$217,000.00) | (\$217,000.00) | (\$23,113.75) | (\$23,113.75) | (\$47,612.25) | (\$169,387.75) |
| TRAFFIC & COURT FINES (CITY) | \$464,000.00 | \$464,000.00 | \$57,497.50 | \$108,929.75 | \$116,491.25 | \$347,508.75 |
| ADMIN COURT FEES (INCL JAIL FEES) | \$2,500.00 | \$2,500.00 | \$0.00 | \$50.00 | \$50.00 | \$2,450.00 |
| APPEARANCE BOND FEE | \$500.00 | \$500.00 | \$25.00 | \$75.00 | \$75.00 | \$425.00 |
| INTEREST | \$67,500.00 | \$67,500.00 | \$9,484.59 | \$18,513.68 | \$18,513.68 | \$48,986.32 |
| DONATIONS | \$0.00 | \$0.00 | \$3,487.50 | \$3,987.50 | \$3,987.50 | (\$3,987.50) |
| OTHER REVENUE | \$0.00 | \$0.00 | \$83.68 | \$83.68 | \$83.68 | (\$83.68) |
| PUBLIC RECORDS REQUESTS | \$3,000.00 | \$3,000.00 | \$925.00 | \$1,850.00 | \$1,925.00 | \$1,075.00 |
| BEGINNING CASH | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total Revenues | \$5,947,110.00 | \$6,604,652.80 | \$387,308.14 | \$1,205,767.27 | \$1,189,207.77 | \$5,415,445.03 |
| Expenditures | | | | | | |
| LEGISLATIVE - BOARD | | | | | | |
| PERSONNEL SERVICES | \$35,670.00 | \$35,670.00 | \$2,484.30 | \$4,615.40 | \$6,122.45 | \$29,547.55 |
| SUPPLIES | \$500.00 | \$500.00 | \$0.00 | \$0.00 | \$0.00 | \$500.00 |
| CONTRACTUAL SERVICES | \$12,500.00 | \$12,500.00 | \$1,097.40 | \$1,097.40 | \$1,269.80 | \$11,230.20 |
| CAPITAL OUTLAY | \$500.00 | \$500.00 | \$0.00 | \$0.00 | \$0.00 | \$500.00 |
| SUB-TOTAL | \$49,170.00 | \$49,170.00 | \$3,581.70 | \$5,712.80 | \$7,392.25 | \$41,777.75 |
| JUDICIAL/MUNICIPAL COURT | | | | | | |
| PERSONNEL SERVICES | \$136,095.46 | \$139,695.46 | \$10,421.60 | \$15,651.20 | \$24,646.17 | \$115,049.29 |
| SUPPLIES | \$11,500.00 | \$11,500.00 | \$0.00 | \$0.00 | \$0.00 | \$11,500.00 |
| CONTRACTUAL SERVICES | \$81,400.00 | \$81,400.00 | \$4,155.74 | \$4,155.74 | \$8,139.50 | \$73,260.50 |
| SUB-TOTAL | \$228,995.46 | \$232,595.46 | \$14,577.34 | \$19,806.94 | \$32,785.67 | \$199,809.79 |
| EXECUTIVE - MAYOR | | | | | | |
| SUPPLIES | \$500.00 | \$500.00 | \$0.00 | \$0.00 | \$0.00 | \$500.00 |
| CONTRACTUAL SERVICES | \$9,750.00 | \$9,750.00 | \$0.00 | \$0.00 | \$396.00 | \$9,354.00 |
| SUB-TOTAL | \$10,250.00 | \$10,250.00 | \$0.00 | \$0.00 | \$396.00 | \$9,854.00 |

City of Gluckstadt
General Fund Monthly Budget Report for Month Ending November 30, 2023

| | ADOPTED BUDGET FY2023-24 | AMENDED BUDGET FY2023-24 (NOVEMBER) | MTD ACTIVITY | YTD ACTIVITY | YTD ACTIVITY + ENCUMBRANCES | BUDGET REMAINING |
|---|--------------------------------|--|----------------------|---------------------|--------------------------------|-------------------------|
| ADMINISTRATION - FINANCIAL | | | | | | |
| PERSONNEL SERVICES | \$319,615.46 | \$319,615.46 | \$23,086.17 | \$34,233.93 | \$54,403.26 | \$265,212.20 |
| SUPPLIES | \$7,500.00 | \$7,500.00 | \$0.00 | \$0.00 | \$0.00 | \$7,500.00 |
| CONTRACTUAL SERVICES | \$89,300.00 | \$89,300.00 | \$866.06 | \$866.06 | \$1,505.96 | \$87,794.04 |
| CAPITAL OUTLAY | \$15,500.00 | \$15,500.00 | \$0.00 | \$0.00 | \$1,125.00 | \$14,375.00 |
| SUB-TOTAL | \$431,915.46 | \$431,915.46 | \$23,952.23 | \$35,099.99 | \$57,034.22 | \$374,881.24 |
| PLANNING & ZONING | | | | | | |
| PERSONNEL SERVICES | \$107,420.06 | \$107,420.06 | \$7,471.43 | \$11,292.81 | \$16,878.26 | \$90,541.80 |
| SUPPLIES | \$9,250.00 | \$9,250.00 | \$36.28 | \$36.28 | \$71.35 | \$9,178.65 |
| CONTRACTUAL SERVICES | \$170,900.00 | \$170,900.00 | \$10,524.06 | \$10,524.06 | \$16,894.29 | \$154,005.71 |
| SUB-TOTAL | \$287,570.06 | \$287,570.06 | \$18,031.77 | \$21,853.15 | \$33,843.90 | \$253,726.16 |
| ADMINISTRATION - GENERAL | | | | | | |
| PERSONNEL SERVICES | \$89,396.46 | \$89,396.46 | \$6,543.44 | \$9,859.68 | \$15,357.89 | \$74,038.57 |
| SUPPLIES | \$4,500.00 | \$4,500.00 | \$0.00 | \$0.00 | \$156.72 | \$4,343.28 |
| CONTRACTUAL SERVICES | \$1,080,650.00 | \$1,080,650.00 | \$70,355.81 | \$73,124.01 | \$122,990.82 | \$957,659.18 |
| CAPITAL OUTLAY | \$20,250.00 | \$20,250.00 | \$0.00 | \$0.00 | \$2,111.43 | \$18,138.57 |
| SUB-TOTAL | \$1,194,796.46 | \$1,194,796.46 | \$76,899.25 | \$82,983.69 | \$140,616.86 | \$1,054,179.60 |
| POLICE | | | | | | |
| PERSONNEL SERVICES | \$1,116,446.74 | \$1,141,446.74 | \$67,779.99 | \$104,675.01 | \$174,532.77 | \$966,913.97 |
| SUPPLIES | \$128,450.00 | \$134,487.63 | \$10,082.10 | \$10,082.10 | \$17,198.82 | \$117,288.81 |
| CONTRACTUAL SERVICES | \$201,600.00 | \$201,600.00 | \$18,073.14 | \$18,723.14 | \$22,721.38 | \$178,878.62 |
| CAPITAL OUTLAY | \$364,841.10 | \$1,199,373.95 | \$2,699.33 | \$2,699.33 | \$6,610.19 | \$1,192,763.76 |
| SUB-TOTAL | \$1,811,337.84 | \$2,676,908.32 | \$98,634.56 | \$136,179.58 | \$221,063.16 | \$2,455,845.16 |
| FIRE | | | | | | |
| CONTRACTUAL SERVICES | \$60,000.00 | \$60,000.00 | \$0.00 | \$0.00 | \$0.00 | \$60,000.00 |
| SUB-TOTAL | \$60,000.00 | \$60,000.00 | \$0.00 | \$0.00 | \$0.00 | \$60,000.00 |
| BUILDING INSPECTION & CODE | | | | | | |
| PERSONNEL SERVICES | \$176,287.80 | \$176,287.80 | \$7,206.67 | \$12,344.83 | \$19,468.80 | \$156,819.00 |
| SUPPLIES | \$7,750.00 | \$7,750.00 | \$36.28 | \$36.28 | \$71.35 | \$7,678.65 |
| CONTRACTUAL SERVICES | \$14,070.00 | \$14,070.00 | \$557.00 | \$557.00 | \$943.36 | \$13,126.64 |
| CAPITAL OUTLAY | \$2,000.00 | \$2,000.00 | \$0.00 | \$0.00 | \$0.00 | \$2,000.00 |
| SUB-TOTAL | \$200,107.80 | \$200,107.80 | \$7,799.95 | \$12,938.11 | \$20,483.51 | \$179,624.29 |
| STREETS | | | | | | |
| PERSONNEL SERVICES | \$441,010.36 | \$441,010.36 | \$19,538.68 | \$30,353.85 | \$47,496.29 | \$393,514.07 |
| SUPPLIES | \$121,400.00 | \$121,400.00 | \$5,753.53 | \$5,753.53 | \$7,224.47 | \$114,175.53 |
| CONTRACTUAL SERVICES | \$550,681.00 | \$550,681.00 | \$11,935.13 | \$11,935.13 | \$22,425.13 | \$528,255.87 |
| CAPITAL OUTLAY | \$895,200.00 | \$895,200.00 | \$139,618.51 | \$139,618.51 | \$139,863.51 | \$755,336.49 |
| SUB-TOTAL | \$2,008,291.36 | \$2,008,291.36 | \$176,845.85 | \$187,661.02 | \$217,009.40 | \$1,791,281.96 |
| TRANSFERS | | | | | | |
| TRANSFERS OUT | \$617,030.71 | \$617,030.71 | \$0.00 | \$0.00 | \$0.00 | \$617,030.71 |
| SUB-TOTAL | \$617,030.71 | \$617,030.71 | \$0.00 | \$0.00 | \$0.00 | \$617,030.71 |
| Total Expenditures | \$6,899,465.15 | \$7,768,635.63 | \$420,322.65 | \$502,235.28 | \$730,624.97 | \$7,038,010.66 |
| Net (Revenues less Expenditures) | (\$952,355.15) | (\$1,163,982.83) | (\$33,014.51) | \$703,531.99 | \$458,582.80 | (\$1,622,565.63) |

City of Gluckstadt

Section 5, Item A)

Police Station Capital Project Fund 1 (2022 Legislative Appropriation) - Monthly Budget Report for Month Ending November 30, 2023

| | ADOPTED BUDGET FY2023-24 | MTD ACTIVITY | YTD ACTIVITY | YTD ACTIVITY + ENCUMBRANCES | BUDGET REMAINING |
|---|--------------------------------|---------------------|---------------------|--------------------------------|---------------------|
| Revenues | | | | | |
| BEGINNING CASH | \$311,784.00 | \$0.00 | \$0.00 | \$0.00 | \$311,784.00 |
| Total Revenues | \$311,784.00 | \$0.00 | \$0.00 | \$0.00 | \$311,784.00 |
| Expenditures | | | | | |
| CONTRACTUAL - ARCHITECTURAL/ENGINEERING | \$120,094.00 | \$1,960.68 | \$1,960.68 | \$7,702.03 | \$112,391.97 |
| CONTRACTUAL SERVICES | \$120,094.00 | \$1,960.68 | \$1,960.68 | \$7,702.03 | \$112,391.97 |
| CAPITAL OUTLAY - BUILDING | \$191,690.00 | \$0.00 | \$0.00 | \$0.00 | \$191,690.00 |
| CAPITAL OUTLAY | \$191,690.00 | \$0.00 | \$0.00 | \$0.00 | \$191,690.00 |
| Total Expenditures | \$311,784.00 | \$1,960.68 | \$1,960.68 | \$7,702.03 | \$304,081.97 |
| Net (Revenues less Expenditures) | \$0.00 | (\$1,960.68) | (\$1,960.68) | (\$7,702.03) | \$7,702.03 |

From: [Lisa](#)
To: [Lindsay Kellum](#)
Cc: ziddy@millsscanlon.com; [John Scanlon](#)
Subject: Re: Request for Agenda - Nov 14, 2023
Date: Friday, November 3, 2023 2:25:00 PM
Attachments: [2023 RRIC final to ZG 11.3.23.doc](#)

Zac,
Please find notes / added content on the attached document for the next version of RRIC.
Thanks for your return call today.

On Fri, Nov 3, 2023 at 1:19 PM Lisa <lisa.williams99@gmail.com> wrote:

Lindsay,

Please add Ordinance for Residential Rental Inspection Code/RRIC to the agenda for November 14, 2023.

I have a call into Zac today to go over a few changes, and clarity on 2 legal questions before any additional content may be added. I will ask Zac for a Draft and RED line version to review before the final version is added to the content you share prior to the next meeting.

Thank you.

CC: Zac, John

--
Lisa Williams
Gluckstadt MS

--
Lisa Williams
Gluckstadt MS

Residential Rental Inspection Code

of the City of Gluckstadt



Adopted December 12, 2023

For additional information and enforcement questions, please contact:

City of Gluckstadt
Planning and Zoning Department
343 Distribution Drive
Gluckstadt, MS 39110
(769) 567-2306
www.gluckstadtms.org

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CHAPTER 1
ADMINISTRATION

SECTION 101 | GENERAL

101.1 Title. These regulations shall be known as the *Residential Rental Inspection Code of the City of Gluckstadt*, hereinafter referred to as "this code" or "RRIC."

101.2 Scope. The provisions of this code shall apply to all residential rental properties and premises and constitute minimum requirements and standards and penalties.

101.3 Intent. This code shall be construed to secure its expressed intent, which is to ensure public health, safety and welfare in so far as they are affected by the initial and continued occupancy and maintenance of residential rental structures and premises. Existing residential rental structures and premises that do not comply with these provisions shall be altered or repaired to provide a minimum level of health and safety as required herein.

101.4 Severability. If a section, subsection, sentence, clause or phrase of this code is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this code.

101.5 Failure to Enforce Code. Failure to enforce any provisions or regulations of this Code shall not constitute a waiver or imply that the action is legal or prevent enforcement in the future.

SECTION 102 | APPLICABILITY

102.1 General. The provisions of this code shall apply to all matters affecting or relating to residential rental structures and premises, as set forth in Section 101. Where, in a specific case, different sections of this code specify different requirements, the most restrictive shall govern.

102.2 Maintenance. Equipment, systems, devices and safeguards required by this code or a previous regulation or code under which the structure or premises was constructed, altered or repaired shall be maintained in good working order. No owner, operator or occupant shall cause any service, facility, equipment or utility which is required under this section to be removed from or shut off from or discontinued for any occupied dwelling, except for such temporary interruption as necessary while repairs or alterations are in progress. The requirements of this code are not intended to provide the basis for removal or abrogation of fire protection and safety systems and devices in existing structures. Except as otherwise specified herein, the owner or the owner's Operator or designated agent (excluding the tenant) shall be responsible for the maintenance of buildings, structures and premises.

102.3 Application of other codes. Repairs, additions or alterations to a structure, or changes of occupancy, shall be done in accordance with the procedures and provisions of the City of

Gluckstadt Zoning Ordinance, International Residential Building Code, International Building Code, International Existing Building Code, International Property Maintenance Code, International Mechanical Code, International Fuel Gas Code, International Mechanical Code and/or the National Electrical Code, as adopted by the City of Gluckstadt.

102.4 Existing remedies. The provisions in this code shall not be construed to abolish or impair existing remedies of the City of Gluckstadt or its officers or agencies relating to the removal or demolition of any structure which is dangerous, unsafe and/or insanitary.

102.5 Workmanship. Repairs, maintenance work, alterations or installations which are caused directly or indirectly by the enforcement of this code shall be executed and installed in a workmanlike manner and installed in accordance with the manufacturer's installation instructions or applicable Code or Ordinance adopted by the City of Gluckstadt, whichever is more restrictive.

102.7 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Section 102.3 and considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply.

102.8 Requirements not covered by code. Requirements necessary for the strength, stability or proper operation of an existing fixture, structure or equipment, or for the public safety, health and general welfare, not specifically covered by this code, shall be determined by the Code Official.

102.9 Short-term Residential Rental Limitations. Any occupancy of such Dwelling Unit must be for a period of greater than thirty days. A Short-term Rental License is required for the rental of any Dwelling Unit for a period of less than three months. All Single-Family Residential Rental homes shall be a minimum of 1,600 sq. ft. Parking on streets or in yards is prohibited.

SECTION 103 | PLANNING AND ZONING DEPARTMENT

103.1 General. The Planning and Zoning Department shall enforce the requirements of this Ordinance.

103.2 Liability. The Code Official, Officer or Employee charged with the enforcement of this code, while acting for the jurisdiction, shall not thereby be rendered liable personally, and is hereby relieved from all personal liability for any damage accruing to persons or property as a result of an act required or permitted in the discharge of official duties.

Any suit instituted against any officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by the legal representative of the City of Gluckstadt until the final termination of the proceedings. The Code Official or any subordinate shall not be liable for costs in an action, suit or proceeding that is instituted in pursuance of the provisions of this code; and any officer of the Planning and Zoning Department, acting in good faith and without malice, shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.

103.3 Fees. The fees for activities and services performed by the department in carrying out its responsibilities under this code shall be in accordance with the Fees identified by Ordinances of the City of Gluckstadt or other such fee schedule as may be adopted by resolution.

SECTION 104 | DUTIES AND POWERS OF THE CODE OFFICIAL

104.1 General. The Code Official shall enforce the provisions of this code.

104.2 Rule-making authority. The Code Official shall have authority as necessary in the interest of public health, safety and general welfare, to adopt and promulgate rules and procedures; to interpret and implement the

provisions of this code; to secure the intent thereof; and to designate requirements applicable because of local climatic or other conditions. Such rules shall not have the effect of waiving structural or fire performance requirements specifically provided for in this code, or of violating accepted engineering methods involving public safety.

104.3 Inspections. The Code Official shall make all of the required inspections, or shall accept reports, if authorized by the Code Official, of inspection by approved agencies, if any, or individuals. All reports of such inspections shall be in writing and be certified by a responsible officer of such approved agency or by the responsible individual. The Code Official is authorized to engage such expert opinion as deemed necessary to report upon unusual technical issues that arise, subject to the approval of the appointing authority.

104.4 Right of entry. The Code Official is authorized to enter the structure or premises at reasonable times to inspect subject to constitutional restrictions on unreasonable searches and seizures. If entry is refused or not obtained, the Code official is authorized to pursue recourse as provided by law. The Gluckstadt Police Department is authorized to assist the Code Official if necessary.

104.5 Identification. The Code Official shall carry proper identification when inspecting structures or premises in the performance of duties under this code.

104.6 Notices and orders. The Code Official shall issue all necessary notices or orders to ensure compliance with this code.

104.7 Department records. Record shall be kept in accordance with Mississippi Law for the period required for retention of public records.

SECTION 105 | APPROVAL

105.1 Modifications. Whenever there are practical difficulties involved in carrying out the provisions of this code, the Code Official shall have the authority to grant modifications in writing for individual cases, provided the Code Official shall first find that special circumstances make the strict letter of this code impractical, and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, life and fire safety requirements.

105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material or method of construction shall be approved where the Code Official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

105.3 Required testing. Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the Code Official shall have the authority to require tests to be made as evidence of compliance at no expense to the City of Ridgeland.

105.3.1 Test methods. Test methods shall be as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the Code Official shall be permitted to approve appropriate testing procedures performed by an approved agency.

105.3.2 Test reports. Reports of tests shall be retained by the Code Official for the period required for retention of public records.

105.4 Material and equipment reuse. Materials, equipment and devices shall not be reused unless such elements are in good repair or have been reconditioned and tested when necessary, placed in good and proper working condition and approved.

SECTION 106 | VIOLATIONS

106.1 Unlawful acts. It shall be unlawful for a person, firm, or corporation to be in conflict with or in violation of any of the provisions of this code.

106.2 Notice of Violation. The Code Official shall serve a notice of violation or order in accordance with Section 107 for violations that require a reasonable time to correct. Notice is not required for the Failure to obtain a Rental License or pass Inspection prior to occupancy or for repeat violations, and a citation may be issued without further notice.

106.3 Prosecution of violation. Any person or entity failing to comply with a notice of violation or order served in accordance with Section 107 shall be deemed guilty of a misdemeanor or civil infraction in accordance with Miss. Code Ann. § 21-23-7. If the notice of violation is not resolved within a reasonable time period as set by the judge, and at the discretion of the judge, the judge may simultaneously authorize the City of Gluckstadt, at its request, the option to remedy the violation itself, through the use of its own employees or its contractors, without further violation itself, through the use of its own employees or its contractors, without further notice should the defendant fail to fully do so within the time period set by the judge. Subsequent to the City of Gluckstadt and/or its contractors remedying the violation, the City of Gluckstadt may petition the court to assess documented clean up (or repair) costs to the defendant, and, if, following a hearing on such petition, the judge determines (a) the violations were not remedied by the defendant with the time required by the Gluckstadt Municipal Court, (b) that the City of Gluckstadt and/or its contractors remedied the violation itself after such time period expired and (c) that the costs incurred by the City of Gluckstadt were reasonable, the court may assess the costs to the defendant as a judgement, which may be enrolled in the office of the Madison County Circuit Clerk.

106.4 Violation penalties. Except as otherwise noted in this section, any person, individual, corporation, company, partnership, association or any other entity failing to comply with this code or any of the requirements thereof or otherwise violating this code or any of its provisions shall, after notice and a reasonable time to correct said violation(s), pay a fine not exceeding One Thousand Dollars (\$1,000) or imprisonment not exceeding 90 days, or both, for each violation and each day thereafter that said violation(s) remain uncorrected shall constitute separate offense(s) punishable by separate fine(s) not exceeding One Thousand Dollars (\$1000) or imprisonment not exceeding 90 days, or both, pursuant to §§ 21-13-1 and 21- 17-5, Mississippi Code of 1972, or other applicable statutes. For the purposes of this ordinance, the term “a reasonable time to correct” shall be the same as included in the correction order required under section 107.2.4 unless separately identified by a judge pursuant to section 106.3 of this Code. Penalties may be imposed for Failure to obtain a Rental License or pass Inspection prior to occupancy or for repeat violations. Penalties may be imposed for repeat violations without providing an additional time period to correct the violation.

106.5 Liens. If the Owner’s surety as required in §114 is insufficient to satisfy costs and penalties as set forth in §§ 106.3 and 106.4, such costs and penalties may be assessed against the real estate for which such costs and penalties were incurred. Such lien shall be second only to tax liens, and the amount thereof shall bear interest at the

rate of eight per cent per annum for costs from the date of payment by the City of such costs. The City may institute foreclosure on such lien to recover said costs and penalties.

106.6 The City shall impose for said violation(s) all other penalties and have access to any other remedies available under the law to correct the conditions giving rise to the violation(s) of this code.

106.7 Abatement of violation. The imposition of the penalties herein prescribed shall not preclude the legal officer of the jurisdiction from instituting appropriate action to restrain, correct or abate a violation, or to prevent illegal occupancy of a building, structure or premises, or to stop an illegal act, conduct, business or utilization of the building, structure or premises.

SECTION 107 | NOTICES AND ORDERS

107.1 Notice to person responsible. Unless the violation is exempt from notice requirements, whenever the Code Official determines that there has been a violation of this code or has grounds to believe that a violation has occurred, notice shall be given in the manner prescribed in Sections 107.2 and 107.3 to the person responsible for the violation as specified in this code. Notices for condemnation procedures shall also comply with Section 108.1.

107.2 Form. Such notice prescribed in Section 107.1 shall be in accordance with all of the following:

1. Be in writing.
2. Include a description of the real estate sufficient for identification.
3. Include a statement of the violation or violations.
4. Include a correction order allowing a reasonable time to make the repairs and improvements required to bring the dwelling unit, structure, or premises into compliance with the provisions of this code.
5. Inform the property owner of the right to appeal as set forth in Section 111 of this Code.

107.3 Method of service. Such notice shall be deemed to be properly served if a copy thereof is:

1. Delivered personally to the Owner or Operator on file with the City of Gluckstadt or Manager on duty; or
2. Sent by certified mail addressed to the last known address provided by the Owner or Operator at time of registration; or
3. If the notice is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice.

107.4 Penalties. Penalties for noncompliance with orders and notices shall be as set forth in Section 106.4.

107.5 Transfer of ownership. It shall be unlawful for the owner of any residential rental dwelling unit, structure, or property who has received a compliance order or upon whom a notice of violation has been served to sell, transfer, mortgage, lease or otherwise dispose of such dwelling unit or structure to another until the provisions of the compliance order or notice of violation have been complied with or until such owner shall first furnish the grantee, transferee, mortgagee or lessee a true copy of any compliance order or notice of violation issued by the Code Official and shall furnish to the Code Official a signed and notarized statement from the grantee, transferee, mortgagee or lessee, acknowledging the receipt of such compliance order or notice of violation and fully accepting

the responsibility without condition for making the corrections or repairs required by such compliance order or notice of violation.

SECTION 108 | UNSAFE STRUCTURES AND EQUIPMENT

108.1 General. When a structure or equipment is found by the Code Official to be unsafe, or when a structure is found unfit for human occupancy, or is found unlawful, such structure shall be condemned pursuant to the provisions of the International Property Maintenance Code (“IMPC”) as adopted by the City of Gluckstadt.

SECTION 109 | EMERGENCY MEASURES

109.1 General. In the event that emergency measures need to be taken by the City of Gluckstadt, the provisions of the IMPC shall govern.

SECTION 110 | DEMOLITION

110.1 General. In the event that demolition needs to be ordered by the City of Gluckstadt, the provisions of the IMPC shall govern.

SECTION 111 | MEANS OF APPEAL

111.1 Application for appeal. Any person or entity directly affected by a decision of the Code Official or a notice or order issued under this code shall have the right to appeal to the Board of Aldermen, provided that a written application for appeal is filed with the City Clerk within 10 calendar days after the day the decision, notice or order was served. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply, or the requirements of this code are adequately satisfied by other means.

111.2 Open hearing. All hearings before the Board shall be open to the public. The appellant, the appellant's representative, the Code Official and any person whose interests are affected shall be given an opportunity to be heard. A quorum shall consist of not less than a majority of the board membership.

111.2.1 Procedure. The Board shall adopt and make available to the public through the City Clerk procedures under which a hearing will be conducted. The procedures shall not require compliance with strict rules of evidence but shall mandate that only relevant information be received.

111.3 Postponed hearing. When the full Board is not present to hear an appeal, either the appellant or the appellant's representative shall have the right to request a postponement of the hearing.

111.4 Board decision. The Board shall modify or reverse the decision of the Code Official only by a concurring vote of a majority of the total number of board members.

111.4.1 Records and copies. The decision of the Board shall be recorded. Copies shall be furnished to the appellant and to the Code Official.

111.4.2 Administration. The Code Official shall take immediate action in accordance with the decision of the Board.

111.5 Court review. Any person aggrieved by the decision of the Mayor and Board of Aldermen of the City of Gluckstadt may appeal pursuant to Miss. Code Annotated § 11-51-75.

111.6 Stays of enforcement. Appeals of notice and orders (other than Imminent Danger notices) shall stay the enforcement of the notice and order until the appeal is heard by the appeals board.

SECTION 112 | RENTAL LICENSE

112.1 Rental License required. It shall be unlawful for any person or entity to own, operate, manage, or maintain Residential Rental Property in the City of Gluckstadt as defined by this Ordinance without a current and valid Rental License having been issued for such Residential Rental Property. Any person or entity owning, operating, managing, or maintaining Residential Rental Property in the City of Gluckstadt shall obtain a Rental License for each separate location by July 1, 2024.

112.2 Registration and Application. All persons or companies that own Residential Rental Property in the City of Gluckstadt as defined by this Ordinance shall register the Residential Rental Property(ies) with the City of Gluckstadt using forms as adopted by the Planning and Zoning Department by July 1, 2024.

112.2.1 Application Requirements. In order for Applications for Registration to be valid, all of the following information shall be provided and maintained current with the City of Gluckstadt.

112.2.1.1 Street address and Tax Parcel Number of the Residential Rental Property. Single Family Houses, Duplexes, and Townhomes shall submit a separate application for each Dwelling Unit. Multi-family Dwelling Complexes shall submit one application for the entire complex as long as the property is under one ownership. If the Multi-family Dwelling Complex or units are owned by multiple owners, each owner shall submit an application for the portion owned.

112.2.1.2 The name, physical and mailing address, telephone number, and email address of each Owner within the Same Ownership of the entity owning the Dwelling Unit or Apartment Complex.

112.2.1.3 If the Owner is utilizing an Operator for the management of the Residential Rental Dwelling, the name, address, telephone number, and email address of the Operator, Owner’s Agent, or Management company.

112.2.1.4 The name of the occupant(s) authorized to reside at the Residential Rental Property.

112.2.1.5 A copy of the signed lease agreement.

112.2.1.6 Proof of surety as required by Section 114 of this Code. A copy of the current surety policy shall be on file with the City at all times.

112.2.1.7 Payment of the \$50 Application Fee.

112.2.1.8 Copy of Homestead Status from Madison County Land Records and a copy of the Madison County tax parcel assessment information. A printed copy from the Madison County website is acceptable, but must be dated and initialed by the owner.

112.2.2 Duration. The Rental License shall be valid for one year from the date of issuance. An application for renewal may be filed within thirty (30) days prior to the expiration date. The responsibility to file the Application in a timely manner rests with the property owner.

112.2.3 Updates Required. If, subsequent to the issuance of an Initial or Annual Rental License, the Residential Rental Property for which such Rental License was issued has a change(s) in the circumstances that

result in a change of information provided on the Application, the Owner shall update the Application within thirty (30) days of the change(s).

112.2.4 Printing and Replacement License Costs. A charge of twenty (20) dollars will be assessed for copies of the application packet printed by the City. Any replacement for a Rental License will be fifty (50) dollars.

Section 113 RENTAL INSPECTIONS

113.1 General. All Residential Rental Property in the City of Gluckstadt shall comply with this section.

113.2 Residential Rental Property. All persons or companies that own Residential Rental Property in the City of Gluckstadt, shall cause each unit to PASS inspection every time the unit is vacated and prior to re-occupancy by another Tenant. The criteria for inspection will be the provisions of this Ordinance. A Summary Checklist for Inspection of a Residential Rental Property is included in this Ordinance as Appendix 'A'. In instances where the Summary Checklist for Inspection of a Residential Rental Property differs from the provisions of this Ordinance, the provisions of this Ordinance shall govern. If the property is occupied at the time of the initial registration, the City may accept the most recent inspection for the property.

113.3 Transfer to a Roommate. It shall be unlawful for an Owner to update a Rental License Application for the purposes of transferring occupancy to a roommate unless said roommate has been on the Application on file with the City of Gluckstadt for more than 6 months prior to the updated Application.

113.5 Occupied Inspections. Occupied Inspections and Occupied Re-inspections by the City of Gluckstadt are prohibited unless prior authorization is given by the Code Official or his designee.

113.6 Complaints. Occupants of Residential Rental Property in Gluckstadt are encouraged to address their complaints directly to the Owner or Operator. In the event that the occupant is unable to convince the Owner or Operator to repair an issue(s) with the Residential Rental Property, or the occupant is unable to contact the Owner or Operator to report the issue, or if the occupant prefers not to contact the Owner or Operator, occupants may contact the Planning and Zoning Department to report a possible violation. The City of Gluckstadt will attempt to address the issue with the Owner or Operator if a violation is evident and may choose to issue an official notice to correct violations if the violation is not resolved in a timely manner. If inspection(s) are required, the City of Gluckstadt reserves the right to assess inspection and re-inspection fees.

Section 114 ASSURANCES AND RESPONSIBILITY

114.1 General. All Residential Rental Property in the City of Gluckstadt shall comply with this section.

114.2 Residential Rental Property Assurance. All persons or companies that own single family dwellings, two family dwellings, townhome, other residential rental, or apartments for the purpose of rent or lease in the City of Gluckstadt, shall provide financial assurance in order to be permitted to rent or lease residential rental property in the City of Gluckstadt per Sections 114.3 or 114.4.

114.3 Single Family, Two-Family, Townhome, or Other Residential Rental Property Bond Requirement, excluding Multi-Family Rental Property. All persons or companies that own single family dwellings, two family dwellings, townhomes, or other residential rental property, excluding Multi-Family Rental Property, for the purpose of rent or lease in the City of Gluckstadt, shall provide financial assurance in the form of a \$15,000 Bond per dwelling unit on file with the City of Gluckstadt in order to be permitted to rent or lease

Residential Rental Property in the City of Gluckstadt. Said Bond shall provide surety for all sums owing for each and every violation of this Code, including costs and penalties as set forth in Section 106.

114.4 Multi-Family Rental Property Bond Requirement. All persons or companies that own multi-family dwelling units or apartments for the purpose of rent or lease in the City of Gluckstadt, shall provide financial assurance in the form of an Original Bond on file with the City of Gluckstadt in order to be permitted to rent or lease residential rental property in the City of Gluckstadt. Said Bond shall provide surety for all sums owing for each and every violation of this Code, including costs and penalties as set forth in Section 106.

114.4.1 Application. The owner or management agent shall complete a registration application annually at which time, the owner must state the current number of dwelling units. The City of Gluckstadt reserves the right to verify the contents of the application.

114.4.2 Calculation. The City of Gluckstadt will provide the owner or management agent the calculated cost of the required bond. Bonds will be calculated based on the actual number of dwelling units covered by the application times \$1,000 per dwelling unit.

Responsibility. The owner of the premises shall maintain the structures and exterior property in compliance with the requirements of this Ordinance. A person or entity shall not permit another person to occupy premises which are not in a sanitary and safe condition, and which do not comply with the requirements of this Ordinance. Occupants of a Residential Rental Property are responsible for keeping it in a clean, sanitary and safe condition. The Owner of a Residential Rental Property is responsible for the general maintenance of the property, and the Owner shall become responsible for the Tenants actions or inactions once the City gives notice to the Owner or Operator of violations that have not been addressed by the Tenant.

114.5 Local Requirement. If the owner of a Single Family House(s), Duplexe(s), Townhome(s), or any other Dwelling type other than an Apartment Complex does not live within Madison, Hinds, or Rankin County, the owner shall be represented by an Operator and shall be designated to receive notices and services of process and is authorized to grant consent for the City to inspect the Residential Rental Property pursuant to Section 113 of this Code. Apartment Complexes shall be represented by a Manager that is located at the property.

Section 115 | UTILITIES

115.1 General. All Residential Rental Property in the City of Gluckstadt shall comply with this section.

115.2 Utilities. Water and Electrical Service shall remain in the tenant’s or tenants’ name or names for the entire duration that the Residential Rental Property is occupied by the tenant or tenants. Owners or owner’s agent shall put the Water and Electrical Service in the owner’s or owner’s agent’s name when the Residential Rental Property is not occupied. No inspection or re-inspection can be performed without water and electrical services active.

115.3 Delay of Transfer. Owners or owner’s agent of multiple Single Family, Two-Family, Townhome, Multi-family, or Other Residential Rental Property that do not comply with the requirements of this Ordinance may experience a delay in the transfer of Water and/or Electrical Service until compliance is reached.

SECTION 116 | FEES

116.1 General. A printed copy of this Ordinance may be purchased at City Hall for twenty-five (25) dollars.

116.2 Initial Application Fee for Occupied Property. The application fee for occupied property for which an inspection has been completed and can be provided to the City as set forth in Section 113.2 shall be two-hundred and fifty (250) dollars.

116.3 Initial Application and Inspection Fee. The initial application and inspection fee for Residential Rental Property shall be three-hundred and fifty (350) dollars.

116.4 Renewal Fees. The renewal fee for Residential Rental Property shall be three-hundred and fifty (350) dollars.

CHAPTER 2 DEFINITIONS

SECTION 201 | GENERAL

201.1 Scope. Unless otherwise expressly stated, the following terms shall, for the purposes of this code, have the meanings shown in this chapter.

201.2 Interchangeability. Words stated in the present tense include the future; words stated in the masculine gender include the feminine and neuter; the singular number includes the plural and the plural, the singular.

201.3 Terms defined in other codes. Where terms are not defined in this code and are defined in the City of Gluckstadt Zoning Ordinance, International Residential Building Code, International Building Code, International Existing Building Code, International Property Maintenance Code, International Fire Code, International Plumbing Code, International Mechanical Code or the National Electrical Code such terms shall have the meanings ascribed to them as stated in those codes.

201.4 Terms not defined. Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted meanings such as the context implies.

201.5 Parts. Whenever the words "dwelling unit," "dwelling," "premises," "building," "rooming house," "rooming unit" "housekeeping unit" or "story" are stated in this code, they shall be construed as though they were followed by the words "or any part thereof."

Section 202 | GENERAL DEFINITIONS

APARTMENT. A dwelling unit located in a multi-family structure for occupancy by one family only, either rented or leased to the occupants.

APPROVED. Approved by the Code Official.

BASEMENT. That portion of a building which is partly or completely below grade.

BATHROOM. A room containing plumbing fixtures including a bathtub or shower.

BEDROOM. Any room or space used or intended to be used for sleeping purposes in either a dwelling or sleeping unit.

CODE OFFICIAL. The official who is charged with the administration and enforcement of this code, or any duly authorized representative or designee.

CONDEMN. To adjudge unfit for occupancy.

DWELLING UNIT. A single unit providing complete, independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking and sanitation.

EASEMENT. That portion of land or property reserved for present or future use by a person or agency other than the legal fee owner(s) of the property. The easement shall be permitted to be for use under, on or above a said lot or lots.

EXTERIOR PROPERTY. The open space on the premises and on adjoining property under the control of owners or operators of such premises.

EXTERMINATION. The control and elimination of insects, rats or other pests by eliminating their harborage places; by removing or making inaccessible materials that serve as their food; by poison spraying, fumigating, trapping, or by any other approved pest elimination methods.

GARBAGE. The animal or vegetable waste resulting from the handling, preparation, cooking and consumption of food.

GUARD. A building component or a system of building components located at or near the open sides of elevated walking surfaces that minimizes the possibility of a fall from the walking surface to a lower level.

HABITABLE SPACE. Space in a structure for living, sleeping, eating or cooking, bathrooms, toilet rooms, closets, halls, storage or utility spaces, and similar areas are not considered habitable spaces.

HOUSEKEEPING UNIT. A room or group of rooms forming a single habitable space equipped and intended to be used for living, sleeping, cooking and eating which does not contain, within such a unit, a toilet, lavatory and bathtub or shower.

IMMINENT DANGER. A condition which could cause serious or life-threatening injury or death at any time.

INFESTATION. The presence, within or contiguous to, a structure or premises of insects, rats, vermin or other pests.

INOPERABLE MOTOR VEHICLE. A vehicle which cannot be driven upon the public streets for reason including but not limited to being unlicensed, wrecked, abandoned, in a state of disrepair, or incapable of being moved under its own power.

LABELED. Devices, equipment, appliances, or materials to which has been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, inspection agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above-labeled items and by whose label the manufacturer attests to compliance with applicable nationally recognized standards.

LET FOR OCCUPANCY OR LET. To permit, provide or offer possession or occupancy of a dwelling, dwelling unit, rooming unit, building, premise or structure by a person who is or is not the legal owner of record thereof, pursuant to a written or unwritten lease, agreement or license, or pursuant to a recorded or unrecorded agreement of contract for the sale of land.

OCCUPANCY. The purpose for which a building or portion thereof is utilized or occupied.

OCCUPANT. Any individual living or sleeping in a building or having possession of a space within a building.

OCCUPIED. The presence of any person or possessions within a building.

OPENABLE AREA. That part of a window, skylight or door which is available for unobstructed ventilation, and which opens directly to the outdoors.

OPERATOR. Any person who has charge, care or control of a structure or premises which is let or offered for occupancy. Also known as Owner's Agent or Management Company. An Operator must be a Commercial Real Estate Broker located with Madison, Hinds, or Rankin County.

OWNER. Any person, agent, operator, firm or corporation having a legal or equitable interest in the property; or recorded in the official records of the State of Mississippi, Madison County or the City of Gluckstadt as holding title to the property; or otherwise having control of the property, including the guardian of the estate of any such person, and the executor or administrator of the estate of such person if ordered to take possession of real property by a court.

PERSON. An individual, corporation, partnership or any other group acting as a unit.

PREMISES. A lot, plot or parcel of land, easement or public way, including any structures thereon.

PUBLIC WAY. Any street, alley or similar parcel of land essentially unobstructed from the ground to the sky, which is deeded, dedicated or otherwise permanently appropriated to the public for public use.

RESIDENTIAL RENTAL PROPERTY. Residential Rental Property is defined as a dwelling unit, structure(s), and property that is (1) rented, leased, or occupied by a non-fee simple owner pursuant to any lease or rental agreement, or (2) rented, leased or occupied by any non-fee simple owner pursuant to any lease-purchase, any contract for sale, any contract for deed, or any other instrument purporting to transfer ownership of property where the transfer of title is delayed. Residential Rental Property is further defined as an Apartment Unit and premises, a room for rent, a rental house and premises, a rental Townhouse and premises, a rental Duplex and premises, rental Mobile Home, and residential rental units in a Mixed-Use Building or development.

ROOMMATE. An individual that is included in the lease filed with the City of Gluckstadt and included on the Application for the Rental License.

ROOMING HOUSE. A building arranged or occupied for lodging, with or without meals, for compensation and not occupied as a one- or two-family dwelling.

ROOMING UNIT. Any room or group of rooms forming a single habitable unit occupied or intended to be occupied for sleeping or living, but not for cooking purposes.

RUBBISH. Combustible and noncombustible waste materials, except garbage: the term shall include the residue from the burning of wood, coal, coke and other combustible materials, paper, rags, cartons, boxes, wood, excelsior, rubber, leather, tree branches, yard trimmings, tin cans, metals, mineral matter, glass, crockery, and dust and other similar materials.

SHORT-TERM RENTAL LICENSE. A license provided by the Mayor and Board of Aldermen.

SLEEPING UNIT. A room or space in which people sleep, which can also include permanent provisions for living, eating and either sanitation or kitchen facilities, but not both. Such rooms and spaces that are also part of a dwelling unit are not sleeping units.

STRICT LIABILITY OFFENSE. An offense in which the prosecution in a legal proceeding is not required to prove criminal intent as a part of its case. It is enough to prove that the defendant either did an act which was prohibited or failed to do an act which the defendant was legally required to do.

STRUCTURE. That which is built or constructed or a portion thereof.

TENANT. A person, corporation, partnership or group, whether or not the legal owner of record, occupying a building or portion thereof as a unit.

TOILET ROOM. A room containing a water closet or urinal but not a bathtub or shower.

VENTILATION. The natural or mechanical process of supplying conditioned or unconditioned air to, or removing such air from, any space.

WORKMANLIKE. Executed in a skilled manner; e.g., generally plumb, level, square, in line, undamaged and without marring adjacent work.

YARD. An open space on the same lot with a structure.

CHAPTER 3

GENERAL REQUIREMENTS

SECTION 301 | General

301.1 Scope. The provisions of this chapter shall govern the minimum conditions and the responsibilities of persons for maintenance of structures, equipment, and exterior property.

301.2 Checklist. A Summary Checklist for Inspection of a Residential Rental Property is included in this Ordinance as Appendix ‘A’. In instances where the Summary Checklist for Inspection of a Residential Rental Property differs from the provisions of this Ordinance, the provisions of this Ordinance shall govern.

301.3 The International Property Maintenance Code, as adopted by the City of Gluckstadt. Chapters 3 through 8 of The International Property Maintenance Code, as adopted by the City, are hereby incorporated by reference in order to establish the maintenance, safety, and occupancy requirements of this Ordinance.

APPENDIX 'A'

A full-size version of the *Summary Checklist for Inspection of a Residential Rental Property* can be obtained by contacting the Planning and Zoning Department at (769) 567-2306.

Summary Checklist for Inspection of a Residential Rental Property

Kitchen

- Are required appliances installed, secured, and working?
- Is the vent hood fan and light working above the stove; with the filter installed?
- Does the dishwasher discharge line have a "high-loop" or installed through an air gap?
- Outlets in the kitchen:
 - If serving a kitchen counter, is the receptacle GFCI protected?
 - If being repaired/replaced, does the receptacle, now, need to be GFCI protected?
 - If a receptacle is GFCI protected, are the other necessary receptacles also protected?
- Does the faucet and sink operate and drain, with no leaks?
- Are the sink and countertops sealed water-tight?

Bathrooms

- Are all receptacles in the bathroom GFCI protected?
- Do the doors latch and lock for privacy?
- Is the exhaust fan secured and working? If no exhaust fan, is there a window present and operable?
- Is the toilet:
 - Secure at the base; without wobble?
 - Sealed water-tight at the floor?
 - Functioning as intended; without leaks?
- Bathtub/Shower:
 - Is there a means to plug the drain for a bath to be filled?
 - Does the valve, tub spout, shower head, and drain work?
 - Are the shower head, valves, and tub spouts leak free?
- Lavatories:
 - Does the faucet and drain work, without leaks?
 - Is there a means to plug the drain to allow the sink to be filled?
- Is water-tight sealant applied:
 - At the base of the toilet?
 - Around, and at the base, of the tub AND tub surround joints?
 - Around the lavatory and countertop?

Laundry Room

- Is the washing machine box:
 - Secure and sealed with no gaps?
 - Are the valves working, with no leaks?
 - Are old hoses, not in use, removed from valves?
- Does the dryer duct:
 - Have rigid metal piping (passing through the floor, wall, or ceiling) and secured?
 - Have a back-draft damper installed at the discharge?
- If washer and dryers are supplied, are they installed and functioning?

Gas Appliances

- Is the gas piping secure?
- Is there a gas valve in the same room as the appliance, within 6 feet?
- Is the exhaust piping attached securely to the appliance or draft hood?
- Is there proper clearance around the appliance/exhaust from combustibles?
- Is there sufficient combustible air to supply the appliance?
- If located in an uninhabitable room, is the exhaust piping B-VENT?
- Are the flashing, storm collar and roof cap installed properly at the exterior termination?

Water Heaters

- If being replaced, or recently replaced, does the water heater have a pan under it?
- Is the pan of sufficient size to serve the water heater?
- Is the relief valve piping:
 - Piped to drain with gravity and not piped upwards or trapped?
 - Full sized and not restricted? If using PEX, is it one size bigger?
 - Serving ONLY the water heater and has no tees?
- Is the wiring installed correctly with the ground connected?
- If located in a garage/carport (or accessory room) and is gas fired, is the ignition source lifted 18 inches?

****This checklist is intended to help identify and correct commonly found violations BEFORE an inspection is scheduled; however, this is not a complete list of requirements. For the full requirements, please reference the Residential Rental Inspection Code of the City of Gluckstadt. Some items on this list may not apply to every property. Questions? Call (769) 567-2306.**

APPENDIX 'A' (Continued)

A full size version of the *Summary Checklist for Inspection of a Residential Rental Property* can be obtained by contacting the Planning and Zoning Department at (769) 567-2306.

Summary Checklist for Inspection of a Residential Rental Property

Bedrooms

- Do the doors latch and lock for privacy?
- If applicable, are all outlets AFCI protected?

Attic Space

- Are all wiring, piping, and other obstructions crossing attic walkway and storage secure?
- Are all the decking for walkways and storage secure with no damage?
- If applicable, are attic exhaust fans working?
- Does the attic ventilation have ¼ inch max openings via mesh or other approved material?
- Is the attic access ladder secure and undamaged?
- Is there any evidence of rodents or pests?
- Are the roofing components (rafters, purlins, collar ties, decking, etc.) in safe condition?

Fireplaces

- Is the hearth and hearth extension secure and damage free?
- Is the hearth extension made of concrete, masonry, or tile?
- Is the fire box in working condition; free from damage?
- Is it clean?
- Is the damper functioning?
- If applicable, does the ash pit and cleanout cover open and close?
- If gas, is there a gas key available for operation?
- Are all required clearances from combustible materials maintained?

Air Conditioning and Heating

- Is the unit heating and cooling?
- Is the air filter installed? Is it clean?
- Is the suction line on the refrigerant line-set fully insulated?
- Is the condensation drain piped and in a way that does not cause a nuisance?
- If gas, is the piping hard piped, or protected, through the HVAC housing?

Property Exterior

- Are the outlets secure, GFCI protected, and in a weather-tight cover?
- If applicable, is the decking free from tripping/fall hazards and structurally stable?
- Are the barriers/fences secure and standing upright? Gates working and latching?
- Are garage doors working properly? Receptacles in garage (and accessory rooms) GFCI?
- Are all hose bibs working, without leaks?
- Are all exterior building penetrations sealed?
- Are all exterior walls, roof, soffit, windows, etc. free from damage?
- Is the property free from falling tree/branch hazards?
- Does the yard have proper drainage and free from holes/wash outs?
- Are the "weeds maintained?"

General

- All exposed wiring protected
- Electrical panels are fully labeled
- All wire splicings are contained
- All receptacles work properly
- All doors open, close, and latch
- Property is clean and move-in ready
- All windows are opening, closing, and locking properly without any tricks or straining required.
- Fire extinguishers are charged, easily located, and have certifications up-to-date (if applicable).
- Building identification is permanently attached to the building and visible from the road.
- All ceiling fans, lights, and switches are secure and working.
- All stairs/steps, handrails, and barriers are secure and free from movement.
- All glass (windows, mirrors, etc.) are free from chips, breaks, cracks, and sharp edges.
- Wiring sheathing is fully entering the appliance housings with clamp securing to the sheathing, not wire.
- All flooring is complete with no tears, cuts, holes, or other damage. Proper flooring transitions used.
- All outlet covers are installed and secured
- Smoke alarms sound when tested with smoke
- No signs of moisture or water damage
- Paint is complete and dry BEFORE inspection
- Countertop and bathtub refinishing dry
- Apartment number posted on/near door entry

****This checklist is intended to help identify and correct commonly found violations BEFORE an inspection is scheduled; however, this is not a complete list of requirements. For the full requirements, please reference the Residential Rental Inspection Code of the City of Gluckstadt. Some items on this list may not apply to every property. Questions? Call (769) 567-2306.**



CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Lindsay Kellum, City Clerk

DATE: December 12, 2023

SUBJECT: General Update, City Administration

The City Clerk will provide a brief update on the below city administration matters.

Items:

- Finance & Budget
- Accounts Payable
- Fixed Assets
- Software Implementation
- Training & Education
- Human Resources and Payroll
- Communications and Website
- Public Records Requests
- Events & Chamber of Commerce
- Mayor's Youth Council



CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Scott Maugh, Deputy City Clerk

DATE: 11/8/2023

SUBJECT: Privilege & Transient Vendor License Report (Monthly Update)

From October 1, 2023, to October 31, 2023, the City of Gluckstadt processed eighteen (18) Regular Privilege Licenses.

The amount of fees collected in 2023 to date is as follows:

Privilege: \$31,232.94

Transient: \$250.00

| ID | ISSUED TO | DATE | PACKET | TYPE | ===== DISTRIBUTION ===== | | | | TOTAL |
|---------|---------------------|------------|--------|---------|--------------------------|---------|-----|----------|---------|
| | | | | | FEE | PENALTY | TAX | INTEREST | |
| 0000095 | CRADDOCK OIL | 10/30/2023 | 00091 | Payment | 60.50- | .00 | .00 | .00 | 60.50- |
| 0000100 | STEEL TECHNOLOGIES | 10/03/2023 | 00083 | Payment | 82.00- | .00 | .00 | .00 | 82.00- |
| 0000107 | TOWER INTERNATIONAL | 10/03/2023 | 00083 | Payment | 80.00- | .00 | .00 | .00 | 80.00- |
| 0000110 | SOUTHERN MAGNOLIA H | 10/10/2023 | 00084 | Payment | 20.00- | .00 | .00 | .00 | 20.00- |
| 0000119 | JOE'S USED AUTO PAR | 10/23/2023 | 00088 | Payment | 25.00- | .00 | .00 | .00 | 25.00- |
| 0000120 | SIGNATURE SMILES PL | 10/16/2023 | 00085 | Payment | 20.00- | .00 | .00 | .00 | 20.00- |
| 0000123 | MAXFIT SPORTS NUTRI | 10/30/2023 | 00091 | Payment | 92.50- | .00 | .00 | .00 | 92.50- |
| 0000126 | MOORE'S CARPET CARE | 10/25/2023 | 00090 | Payment | 30.00- | .00 | .00 | .00 | 30.00- |
| 0000128 | BAMBOO EXPRESS | 10/16/2023 | 00085 | Payment | 25.00- | .00 | .00 | .00 | 25.00- |
| 0000130 | MADISON MOTOR WERKS | 10/24/2023 | 00089 | Payment | 30.00- | .00 | .00 | .00 | 30.00- |
| 0000135 | TITAN ENGINEERING & | 10/16/2023 | 00085 | Payment | 84.00- | .00 | .00 | .00 | 84.00- |
| 0000221 | THE BEAN PARLOR | 10/03/2023 | 00083 | Payment | 45.00- | .00 | .00 | .00 | 45.00- |
| 0000222 | SOULSHINE GLUCKSTAD | 10/10/2023 | 00084 | Payment | 35.00- | .00 | .00 | .00 | 35.00- |
| 0000223 | BROOKS DIRECTIONAL | 10/16/2023 | 00085 | Payment | 20.00- | .00 | .00 | .00 | 20.00- |
| 0000224 | AMERICAN CHEMICAL, | 10/16/2023 | 00085 | Payment | 35.75- | .00 | .00 | .00 | 35.75- |
| 0000225 | SOUTHERN MOTORCARZ | 10/17/2023 | 00087 | Payment | 20.00- | .00 | .00 | .00 | 20.00- |
| 0000226 | FIRST STATE BANK | 10/23/2023 | 00088 | Payment | 45.00- | .00 | .00 | .00 | 45.00- |
| 0000227 | RELISH HOME ACCENTS | 10/24/2023 | 00089 | Payment | 113.00- | .00 | .00 | .00 | 113.00- |

Section 7, Item B)

Section 7, Item B)

===== F E E C O D E T O T A L S B Y T Y P E =====

| FEE CODE | TYPE | COUNT | ===== DISTRIBUTION ===== | | | | TOTAL |
|------------------------|---------|-------|--------------------------|---------|------|----------|----------|
| | | | FEE | PENALTY | TAX | INTEREST | |
| BEER FLAT | Payment | 2 | 30.00CR | 0.00 | 0.00 | 0.00 | 30.00CR |
| MANOVER11 | Payment | 2 | 160.00CR | 0.00 | 0.00 | 0.00 | 160.00CR |
| Over11 | Payment | 1 | 84.00CR | 0.00 | 0.00 | 0.00 | 84.00CR |
| POSTAGE | Payment | 1 | 2.00CR | 0.00 | 0.00 | 0.00 | 2.00CR |
| Schdl-A | Payment | 10 | 441.75CR | 0.00 | 0.00 | 0.00 | 441.75CR |
| Schdl-B | Payment | 5 | 145.00CR | 0.00 | 0.00 | 0.00 | 145.00CR |
| GRAND TOTAL FOR PERIOD | | | | | | | 862.75CR |

===== T O T A L S B Y T R A N S A C T I O N T Y P E =====

| TYPE | COUNT | ===== DISTRIBUTION ===== | | | | TOTAL |
|------------------|-------|--------------------------|---------|------|----------|----------|
| | | FEE | PENALTY | TAX | INTEREST | |
| Payment | 18 | 862.75CR | 0.00 | 0.00 | 0.00 | 862.75CR |
| TOTAL FOR PERIOD | 18 | | | | | 862.75CR |

SELECTION CRITERIA

Section 7, Item B)

REPORT OPTIONS:

LICENSE RANGE: THRU ZZZZZZZZZZ
PACKET RANGE: 0 THRU 99999
TRANSACTION RANGE: 10/01/2023 THRU 10/31/2023
LICENSE STATUS: All
LICENSE CODE: All
FEE CODE: All

PRINT OPTIONS:

PRINT TOTALS ONLY: NO

TRANSACTION TYPE OPTIONS:

ALL: YES
PAYMENT: YES
REFUND CHECK: YES
REVERSE PAYMENT: YES
REVERSE REFUND: YES

ADJUSTMENT OPTIONS:

ADJUSTMENT CODE: ALL

*** END OF REPORT ***

MAYOR

Walter C. Morrison, IV

CITY CLERK

Lindsay Kellum

POLICE CHIEF

Barry Hale

**MUNICIPAL COURT
CLERK**

Stephanie Gerlach

**PLANNING & ZONING
ADMIN./BUILDING
DEPT.**

William Hall

PUBLIC WORKS

Chris Buckner

**CITY OF GLUCKSTADT
MISSISSIPPI**



**343 DISTRIBUTION DRIVE
GLUCKSTADT, MS 39110**

OFFICE OF THE CITY ATTORNEY

ALDERMEN

Miya Bates

Jayce Powell

Wesley Slay

John Taylor

Lisa Williams

[date]

[owner]
[business name]
[address]
[city/zip]

RE: Delinquent Privilege License and Tax

Dear [business owner]:

You are receiving this letter because our files indicate that you have not applied for, paid for, or procured a privilege license authorizing you to engage in business within the municipal boundaries of the City of Gluckstadt. Pursuant to Section 27-17-453 of the Mississippi Code Annotated, you are required to make a written application for a license for the privilege of engaging in business inside the municipal boundaries of Gluckstadt.

By failing, refusing, or neglecting to obtain the necessary privilege license and paying the required tax prior to commencing operation of your business, you are liable for the amount of the tax that was not paid before commencing in the operation of your business plus an initial penalty of ten percent (10%), and a penalty of one (1%) per month for each month or part thereof during which the tax owed remains delinquent. In addition to the aforementioned penalty, failure to obtain a privilege license and pay the required tax is a misdemeanor, and upon conviction you may be fined up to five hundred dollars (\$500.00) or imprisoned in the county jail up to six (6) months, or both. Further, in addition to criminal charges, the Office of the City Clerk may proceed with a lawsuit against you for the collection of the delinquent tax and may seize and sell any property of you or any person liable for the payment of the tax and any penalties.

If your privilege tax remains delinquent or unpaid for a period of thirty (30) days or more, the City Clerk's Office will seek to collect the tax and any assessments from you or any person liable as provided by law. Please contact the City Clerk's Office within thirty (30) days of the date of this letter.

| Business Name | Street Address | CITY, STATE, ZIP |
|--|----------------------------------|-------------------|
| JABA LLC DBA FUEL TIME 10 | 1054 GLUCKSTADT RD | MADISON, MS 39110 |
| CRDN OF CENTRAL & SOUTHERN MS | 368 INDUSTRIAL DR S | MADISON, MS 39110 |
| PINESTRAW OF MISSISSIPPI, LLC | 111 LONE WOLF DR | MADISON, MS 39110 |
| STEAMER'S SHRIMP AND CRAB MARKET | 1210 GLUCKSTADT RD | MADISON, MS 39110 |
| COMSOURCES LLC | 644 CHURCH RD | MADISON, MS 39110 |
| STORAGEMAX GULCKSTADT LLC | 317 DISTRIBUTION DR | MADISON, MS 39110 |
| GANGSTER GARAGE | 396 BUSINESS PARK DR, STE B & C | MADISON, MS 39110 |
| STONE DESIGN | 831 PINE TRAIL DR | MADISON, MS 39110 |
| TACO LOCO | 311 CALHOUN STATION PKWY | MADISON, MS 39110 |
| HEMP WORLD MADISON | 114 DEES DR, STE B | MADISON, MS 39110 |
| DAVIS AUTOMOTIVE INFORMATION | 145 ARRINGTON DR | MADISON, MS 39110 |
| PLATINUM ROOFING & RESTORATION LLC | 114 BEAR CREEK CT | MADISON, MS 39110 |
| DC GUITAR STUDIO, LLC | 114 DEES DR. | MADISON, MS 39110 |
| POWDER KEG | 374 INDUSTRIAL DRIVE SOUTH | MADISON, MS 39110 |
| KIM HOUP PHOTOGRAPHY | 136 MINNINGER BLVD | MADISON, MS 39110 |
| SRS HEATING & COOLING INC | 110 LEXINGTON DR | MADISON, MS 39110 |
| CUSTOM BEVERAGE SYSTEMS INC | 128 MUNICH DR | MADISON, MS 39110 |
| D.B.C. CORPORATION | 228 INDUSTRIAL DR N | MADISON, MS 39110 |
| BULLARD RESIDENCE | 152 DEERWOOD XING | MADISON, MS 39110 |
| THE LINEN SHOP | 103 PLANTATION CV | MADISON, MS 39110 |
| 1-55 TENT | 103 DEES DR | MADISON, MS 39110 |
| CARR PLUMBING SUPPLY INC. | 149 YANDELL RD | CANTON, MS 39046 |
| CHADWICK PHARMACEUTICALS INC | 110 LEXINGTON DR | MADISON, MS 39110 |
| ST. DOMINIC'S FAMILY MEDICAL | 286 CALHOUN STATION PKWY | MADISON, MS 39110 |
| P AND J WHITE LLC | 105 LEXINGTON DR | MADISON, MS 39110 |
| MAD ESTHETICS | 272 CALHOUN STATION PKWY, STE. E | MADISON, MS 39110 |
| STARKVILLE LANDSCAPE | 338 DISTRIBUTION DR. | MADISON, MS 39110 |
| THE STATION | 119 ENTERPRISE DR | MADISON, MS 39110 |
| SEASONS | 238 WEISENBERGER RD | MADISON, MS 39110 |
| MORRISON PUBLISHING, LLC | 102 HAZELTON CV | MADISON, MS 39110 |
| LITTLE FOOTPRINT LEARNING CENTER | 319 DISTRIBUTION DRIVE | MADISON, MS 39110 |
| BASKIN ROBBINS | 1054 GLUCKSTADT RD, STE. C | MADISON, MS 39110 |
| JERSEY MIKE'S SUBSHOP | 1091 GLUCKSTADT RD, STE D | MADISON, MS 39110 |
| FUELTIME SERVICE CENTER | 1054 GLUCKSTADT RD | MADISON, MS 39110 |
| WAYBACK BURGERS | 1091 GLUCKSTADT RD, STE. F | MADISON, MS 39110 |
| AT&T GLUCKSTADT | 1091 GLUCKSTADT RD, STE. G | MADISON, MS 39110 |
| SUSTAINABLE SOLUTIONS LLC | 140 PLANTERS ROW | MADISON, MS 39110 |
| MADISON #2 | 102 LONE WOLF DR | MADISON, MS 39110 |
| CINDY PRINCE ART, LLC | 122 LONE WOLF DR | MADISON, MS 39110 |
| GATLIN INTERIORS | 111 LONE WOLF DR | MADISON, MS 39110 |
| REDDY ICE LLC | 368 INDUSTRIAL DR S | MADISON, MS 39110 |
| HAMILTON, WILTON | 134 OLD ORCHARD RD | MADISON, MS 39110 |
| REMINGTON LOTT FARMS LLC | 1716 HIGHWAY 51 | MADISON, MS 39110 |
| GATOR GRAFIX LLC | 108 AULENBROCK DR | CANTON, MS 39046 |
| GENERATOR TECHNOLOGIES LLC | 2187 HIGHWAY 51 | MADISON, MS 39110 |
| FIZZ POP SODA SHOP | 1049 GLUCKSTADT RD | MADISON, MS 39110 |
| RAYPHO LLC | 199 BRADFIELD RD | MADISON, MS 39110 |
| RYDER REEVES ENTERPRISES LLC | 421 BUSINESS PARK DR | MADISON, MS 39110 |
| FIVE TON RENTALS LLC. | 101 AULENBROCK DR | MADISON, MS 39110 |
| SAPPER SPORTS | 144 MUNICH DR | MADISON, MS 39110 |
| FOLIAGE DESIGN SYSTEMS | 1265 GLUCKSTADT RD | MADISON, MS 39110 |
| RUSS, TIFFANY A | 125 ARRINGTON DR | MADISON, MS 39110 |
| RICKS PRO-TRUCK & AUTO ACCESSORIES INC | 238 CALHOUN PKWY | MADISON, MS 39110 |
| GULF PACKAGING LLC | 158 AMERICAN WAY | MADISON, MS 39110 |
| BOXDROP MATTRESS | 113 DEES DR | MADISON, MS 39110 |
| REPUBLIC NATIONAL DISTRIBUTING | 106 LONE WOLF DR | MADISON, MS 39110 |
| ROGERS TRANSPORTATION | 103 JORN CIR | MADISON, MS 39110 |
| GUNS-N-GEAR | 1716 HIGHWAY 51, STE. B | MADISON, MS 39110 |
| GLUCKSTADT SELF STORAGE | 127 AULENBROCK DR | CANTON, MS 39046 |
| DUN RITE GUTTER INC | 134 WEISENBERGER RD | MADISON, MS 39110 |
| MENZ THE CLUB | 111 AULENBROCK DR | MADISON, MS 39110 |
| HOTSPOT MARKET 11 LLC | 311 CALHOUN STATION | MADISON, MS 39110 |
| SNATCHED GAWDESS BOUTIQUE | 194 BRADFIELD RD | MADISON, MS 39110 |
| DEPENDABLE RV SERVICE INC | 142 ENTERPRISE DR | MADISON, MS 39110 |
| DOLLAR GENERAL STR 10478 | 163 YANDELL RD | CANTON, MS 39046 |
| HOMESCAPES, LLC | 170 KEHLE RD | MADISON, MS 39110 |
| GLUCKSTADT BARBER AND STYLE | 1716 US HWY 51 | MADISON, MS 39110 |
| PRISTINE POOLS LLC | 369 BUSINESS PARK DR | MADISON, MS 39110 |
| HOPKINS CONSTRUCTION & MAINTENANCE LLC | 273 OLD JACKSON RD | MADISON, MS 39110 |
| KINDER BOUTIQUE | 111 DEES DRIVE | MADISON, MS 39110 |
| FISHER & LUDLOW INC | 211 INDUSTRIAL DR N | MADISON, MS 39110 |
| FIT CHEF CATERING | 111 DEES DR, STE. C | MADISON, MS 39110 |
| HEDERMAN BROTHERS | 247 INDUSTRIAL DR N | MADISON, MS 39110 |
| SDI OF GLUCKSTADT MCCLAIN MCCLAIN MCCLAIN, INC | 1237 GLUCKSTADT RD | MADISON, MS 39110 |
| HENDERSON, RICHARD | 146 PLANTERS ROW | MADISON, MS 39110 |
| RWB PROPERTIES LLC | 120 LONE WOLF DR | MADISON, MS 39110 |
| LEVI STRAUSS & CO | 501 DENIM WAY | MADISON, MS 39110 |

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|--|--------------------------------------|--------------------------|
| UNIVERSAL DEDICATED | 232 OLD JACKSON RD | MADISON, MS 39110 |
| SNOW CRITTERS | 1049 GLUCKSTADT RD | MADISON, MS 39110 |
| BODY AND SOUL PILATIES | 108 DEES DRIVE, STE. B | MADISON, MS 39110 |
| ANNA ALLEN INTERIOR DESIGN LLC | 464 CHURCH ROAD 500 | MADISON, MS 39110 |
| ALLIED AUTO BODY INC | 143 ENTERPRISE DR | MADISON, MS 39110 |
| BLUFF CITY DISTRIBUTING CO INC | 336 DISTRIBUTION DR | MADISON, MS 39110 |
| ALL EVENTS INC | 134 WEISENBERGER RD | MADISON, MS 39110 |
| FIREWORKS RAILROAD | 208 WEISENBERGER RD | MADISON, MS 39110 |
| HAPPY LAWNs | 140 KEHLE RD | MADISON, MS 39110 |
| BLIND LADY | 111 AULENBROCK DR | MADISON, MS 39110 |
| TUSCAN STONE IMPORTS LLC | 406 BUSINESS PK DR, | MADISON, MS 39110 |
| PINK POSSUM | 101 LEXINGTON DR | MADISON, MS 39110 |
| SALON HONEY | 105 LEXINGTON DRIVE, STE. D | MADISON, MS 39110 |
| WILLIAM VAUGHN LLC | 105 WAYFIELD CV | MADISON, MS 39110 |
| BARLEY'S BEER BARN | 1716 HIGHWAY 51 | CANTON, MS 39046 |
| COMMERCIAL EXCHANGE | 102 LONE WOLF DR | MADISON, MS 39110 |
| M & M OPERATORS INC | 142 ENTERPRISE DR | MADISON, MS 39110 |
| WB LONG CONSULTING, LLC | 216 FIRST COLONY BLVD | MADISON, MS 39110 |
| LUCKYTOWN LANDSCAPE SUPPLY | 109 AULENBROCK DRIVE | MADISON, MS 39110 |
| WARREN EXCAVATION LLC | 720 OLD YAZOO CITY RD | MADISON, MS 39110 |
| GERMANTOWN AUTO CLUB | 396 BUSINESS PARK DR, STE B | MADISON, MS 39110 |
| HERITAGE REAL ESTATE, LLC | 464 CHURCH ROAD | MADISON, MS 39110 |
| MS TENT & PARTY RENTAL L L C | 384 CHURCH ROAD | MADISON, MS 39110 |
| THE WEEKDAY LEARNING CENTER | 319 DISTRIBUTION DRIVE | MADISON, MS 39110 |
| AOK FOOD AND FITNESS | 148 WEISENBERGER RD | MADISON, MS 39110 |
| WOOLDRIDGE ARCHITECTURE, PLLC | 464 CHURCH ROAD, STE. 700 | MADISON, MS 39110 |
| MISSISSIPPI NUTRITION | 340 CALHOUN STATION PKWY, STE. E | MADISON, MS 39110 |
| MMC MATERIALS INC. - GLUCKSTADT | 2161 HWY 51 NORTH | MADISON, MS 39110 |
| BDI GLUCKSTADT LLC | 1706 HWY 51 | MADISON, MS 39110 |
| ARBON EQUIPMENT CORPORAION | 396 BUSINESS PARK DR, STE. A | MADISON, MS 39110 |
| WESTLAKE CHEMICAL | 210 INDUSTRIAL DR N | MADISON, MS 39110 |
| WEST OF FIFTY FIVE BOUTIQUE | 108 DEES DRIVE, STE. D | MADISON, MS 39110 |
| EPIC DONUTS | 102 DEES DR, STE. B | MADISON, MS 39110 |
| YANDELL SHELL | 137 YANDELL RD | MADISON, MS 39110 |
| 3 HOUSES LLC | 111 DEES DRIVE | MADISON, MS 39110 |
| AT & T -1 MGS | 1045 GLUCKSTADT RD | MADISON, MS 39110 |
| THE WEARHOUSE, LLC | 103 NORTHLAKE DR | MADISON, MS 39110 |
| WRIGHT CHEMICAL LLC | 308 DISTRIBUTION DR | MADISON, MS 39110 |
| PRO-SHEILD ROOFING & CONSTRUCTION | 110 LEXINGTON DRIVE, STE. H | MADISON, MS 39110 |
| C&J OF LUCKYTOWN LLC | 253 GERMANTOWN RD | MADISON, MS 39110 |
| THE ALARM COMPANY | 338 DISTRIBUTION DR | MADISON, MS 39110 |
| METHODIST OUTPATIENT THERAPY | 154 CALHOUN STATION PKWY, STE. G & H | MADISON, MS 39110 |
| TOTAL HEALTHCARE SOLUTIONS | 421 BUSINESS PARK DR | MADISON, MS 39110 |
| NAIL & SPA STATION, LLC | 340 CALHOUN STATION PKWY | MADISON, MS 39110 |
| MYERS CONSTRUCTION INC | 1994 HIGHWAY 51 | MADISON, MS 39110 |
| DREAM CARS | 108 ARRINGTON DR | MADISON, MS 39110 |
| TUCKER ENERGY SOLUTIONS, LLC | 104 FIRST CHOICE DR | MADISON, MS 39110 |
| TURFSCAPE LANDSCAPING & MANAGEMENT LLC | 133 EXECUTIVE DR | MADISON, MS 39110 |
| TRI STATE CONSTRUCTION L L C | 340 DISTRIBUTION DR | MADISON, MS 39110 |
| TWISTED TURNIP | 166 CALHOUN STATION PKWY | MADISON, MS 39110 |
| YOUR HOME DRAPERY DESIGNS | 110 LEXINGTON DR | MADISON, MS 39110 |
| V-ELECTRIC | 115 CATLETT RD | MADISON, MS 39110 |
| MADISON | 210 INDUSTRIAL DR N | MADISON, MS 39110 |
| 111 AULENBROCK DR | 111 AULENBROCK DR | MADISON, MS 39110 |
| REZA AUTOGLASS, LLC | 272 CALHOUN STATION PKWY | MADISON, MS 39110 |
| RUSS PULLEN SALES & SERVICE LLC | 213 INDUSTIRAL DR N | MADISON, MS 39110 |
| STONE GROUND COFFEE LLC | 102 DEES DR | MADISON, MS 39110 |
| BADGER DAYLIGHTING | 368 DISTRIBUTION DR | MADISON, MS 39110 |
| SOUTHERN GRACE HOMES LLC | 113 DEES DR | MADISON, MS 39110 |
| FESTAVAL | 127 CHURCH RD | MADISON, MS 39110 |
| SOUTHERN WINDOWS & DOORS INC | 103 BUSINESS PARK DR | MADISON, MS 39110 |
| CEY LETS EAT LLC | 101 BRIERFIELD DR | MADISON, MS 39110 |
| LEGENDARY MOTORSPORTS | 109 ASHBROOKE BLVD | MADISON, MS 39110 |
| DRAINGO OF MISSISSIPPI | 215 INDUSTRIAL CV | MADISON, MS 39110 |
| DOWN SOUTH BBQ & BURGERS | 690 YANDELL RD | MADISON, MS 39110 |
| CUBAN LINK CIGARS | 340 CALHOUN PKWY | MADISON, MS 39110 |
| CORPORATION SERVICE COMPANY | 109 EXECUTIVE DR | MADISON, MS 39110 |
| DOE'S EAT PLACE OF RIDGELAND | 898 AVERY BLVD N | MADISON, MS 39110 |
| SUN TRAVEL CENTER | 496 CALHOUN STATION PKWY | MADISON, MS 39110 |
| JRACE'S MIX | 111 GERMANTOWN LN | MADISON, MS 39110 |
| J J MORLEY ENTERPRISES INC | 112 HUNTERS ROW | MADISON, MS 39110 |
| MADISON 033614 | 1054 GLUCKSTADT ROAD | MADISON, MS 39110 |
| J & L AUTO SALES | CATLETT RD | MADISON, MS 39110 |
| MAGNOLIA EMBROIDERY COMPANY | 142 COLONY PL | MADISON, MS 39110 |
| LUCKY TOWN NUTRITION, LLC | 1706 HIGHWAY 51 | MADISON, MS 39110 |
| WILLIAM BARRETT LONG | 216 FIRST COLONY BLVD | MADISON, MS 39110 |
| GERTRUDES GARDEN | 346 GLUCKSTADT RD | MADISON, MS 39110 |
| PERFECTED BY GRACE | 121 ASHBROOKE TRL | MADISON, MS 39110 |
| GRANITE GALLERY | 168 AMERICAN WAY | MADISON, MS 39110 |

| | | |
|---------------------------------------|---------------------------------------|-------------------|
| MIDSOUTH STORAGE & RENTALS | 101 AULENBROCK DR | CANTON, MS 39046 |
| RIPTIDE OUTDOORS | 1716 HWY 51 N, STE. I | MADISON, MS 39110 |
| JOES USED CARS | 130 OLD JACKSON RD | MADISON, MS 39110 |
| ELLIS FENCE COMPANY LLC | 208 CRESCENT RIDGE DR | MADISON, MS 39110 |
| ELEVATED OUTFITTERS LLC | 105 LEXINGTON DR | MADISON, MS 39110 |
| ENERGY INSULATION SOLUTIONS | 326 DISTRIBUTION DR | MADISON, MS 39110 |
| MARELLI NORTH AMERICA, INC. | 115 AULENBROCK DR | CANTON, MS 39046 |
| THE CHILDREN'S ACADEMY | 106 WESTFALEN DR | CANTON, MS 39110 |
| EVANS AUTOMOTIVE LLC | 112 ASHBROOKE BLVD | MADISON, MS 39110 |
| A NEW YOU HAIR SALON | 148 WIESENBERGER RD, STE B | MADISON, MS 39110 |
| INDEMNITY PROFESSIONALS LLC | 104 STAPLETON BLVD | MADISON, MS 39110 |
| GLUCKSTADT | 109 AULENBROCK DRIVE | MADISON, MS 39110 |
| HD TACTICAL LLC | 1716 HIGHWAY 51 | MADISON, MS 39110 |
| HEALING HANDS REHABILITATION SERVICES | 105 LEXINGTON DR, STE. H | MADISON, MS 39110 |
| XCEL REHAB | 1085 GLUCKSTADT RD, BLDG. 300, STE. F | MADISON, MS 39110 |
| POT AND PADDLE | 102 DEES DR, STE. C | MADISON, MS 39110 |
| BUMPERS DRIVE-IN | 1706 US HWY 51, STE A | MADISON, MS 39110 |

Section 7, Item D)

| EMPLOYEE NUMBER | LAST NAME | FIRST NAME | M I | DAYCARE | UNR MED | P REIM | TOTAL | ADMEND |
|--------------------|--------------|---------------|--------|---------|---------|--------|-------|--------|
| 0 | BURTON | STEPHANIE | | 0.00 | 7.69 | | 7.69 | |
| 0 | KELLUM | LINDSAY | | 0.00 | 38.46 | | 38.46 | |
| | TOTALS | | | 0.00 | 46.15 | | 46.15 | |
| | TOTALS | | | 0.00 | 0.00 | | 0.00 | |

DEPOSITED DDC 0.00

From: [Lindsay Kellum](#)
To: [Laura Hardee](#); nmorrison2@sabcflex.com
Subject: FW: Transferring Money
Date: Friday, November 17, 2023 9:14:00 AM

We will not be able to replenish the flex spending account until the board approves the transfer of money from the account on December 12th according to legal.

I apologize for the delay and/or inconvenience.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt

P.O. Box 2210

Madison, MS 39130

(769) 567-2306

Lindsay.Kellum@gluckstadt.net



From: Walter Morrison <WMorrison@gainsben.com>
Sent: Thursday, November 16, 2023 2:02 PM
To: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Cc: Scott Maugh <scott.maugh@gluckstadt.net>; jscanlon@millsscanlon.com; zgiddy@millsscanlon.com; Stephanie Gerlach <stephanie.gerlach@gluckstadt.net>
Subject: Re: Transferring Money

Ok. Let's put on next agenda.

Walter C. Morrison IV
Sent from my iPhone

On Nov 16, 2023, at 12:05 PM, Lindsay Kellum <lindsay.kellum@gluckstadt.net> wrote:

Mayor,

Please see legal’s response on flex spending account below;

Zac, additionally, if this is the case, we also have a separate court bond account as well, that money is transferred from when a defendant is adjudicated guilty (that bond amount is forfeited over to city revenue) and then transferred back to the general fund bank account. Do we have to come before the board each and every time to transfer bond revenue funds as well?

Thanks.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt

P.O. Box 2210

Madison, MS 39130

(769) 567-2306

Lindsay.Kellum@gluckstadt.net

<image001.jpg>

From: Zachary Giddy <zgiddy@millscanlon.com>

Sent: Thursday, November 16, 2023 11:54 AM

To: Lindsay Kellum <lindsay.kellum@gluckstadt.net>

Subject: Transferring Money

Lindsay,

The below language is an excerpt from an AG opinion that I found. Based on this, unless the minutes from when the Board authorized the Flex Spending Account state that the money can be transferred without prior approval, I think that Board authority is required to transfer money from the general fund to the flex fund. If the minutes do not reflect such, I think it would be beneficial to have the Board adopt a policy in the minutes that this transfer could be done without prior approval at the beginning of each fiscal year.

2. May a mayor transfer money from one account to another without prior board approval?

The board of aldermen, as the legislative branch, has authority to adopt a budget and appropriate funds to specific departments. Transfers of money from one fund to another, one budget item to another or one account to another must be approved by the board of aldermen either by specific approval in the minutes or by official board policy in the minutes which specifically addresses limited circumstances. See also Miss. Code Ann. Section 21-33-323 (regarding investment of funds); Section 21-35-25 (regarding revision of the budget) ; and Sections 21-39-7 through 21-39-17 (regarding the payment and approval of claims and warrants). [*3] Therefore, a mayor does not have authority to transfer funds from one account, such as the park account, to the

general funds or another account without prior approval by the board of aldermen.

Regards,

Zachary L. Giddy



800 Avery Blvd., Ste. 101

Ridgeland, MS 39157

(601) 957-2600

zgiddy@millscanlon.com

www.millscanlon.com



CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Lindsay Kellum, City Clerk

DATE: 12/12/2023

SUBJECT: Request to Replenish Flex Spending Account (Cafeteria Plan for Medical and Childcare)

We have the need to replenish our flexible spending account for employees who signed up for medical and childcare cafeteria plans. The city fronts the contributions each year ahead of time and is reimbursed throughout the fiscal year through deductions taken from employee paychecks biweekly. The amount we will need to move from the General Public Fund (held with Bank Plus) to the Flex Spending Fund (held with Cadence Bank) to fully fund the account is: \$1107.60 Total (year).

Please let me know if you have any questions.

LK



CITY OF GLUCKSTADT

MISSISSIPPI
MUNICIPAL COURT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Stephanie Burton, Court Clerk

DATE: 12/01/2023

SUBJECT: General Information regarding Court

General update (information) regarding court services.



CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Ruth Marie Stogner

DATE: 12/12/2023

SUBJECT: Grant Administration Updates

The Grant Administrator will update the board on statuses of grants.



CITY OF GLUCKSTADT

MISSISSIPPI

PLANNING AND ZONING ADMINISTRATOR

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: William Hall, Planning and Zoning Administrator

DATE: 12/01/2023

SUBJECT: November 28th, 2023, Planning and Zoning Board Meeting

The Planning and Zoning Board met at its regularly scheduled meeting on November 28th, 2023, at 6:00 PM at the Gluckstadt City Hall and took the following actions.

1. The Planning and Zoning Board approved the recommendation of conditional use approval for the AT&T Cellular Tower located at 130 American Way with the condition of additional screening material being used in the cyclone fencing to better obscure the equipment inside the fence.
2. The Planning and Zoning Board approved the recommendation of Site Plan Approval for the AT&T Cellular Tower located at 130 American Way.
3. The Planning and Zoning Board approved the recommendation of conditional use approval for the Magnolia District located on Church Road with hours of operation not to exceed 10PM nightly.
4. The Planning and Zoning Board approved the recommendation of Site Plan approval for the Magnolia District with recommendation to use a parapet wall to screen roof top equipment on the backside of the building and discussion of the dumpster enclosure being sufficient to cover the dumpster.
5. The Planning and Zoning Board approved the recommendation of conditional use approval for the Puckett Rents fully enclosed storage warehouse.
6. The Planning and Zoning Board approved the recommendation of Site Plan approval for the Puckett Machinery Site Plan with the recommendation of closing one of the two existing side entrances and creating a new entrance with concrete apron along the east side.
7. The Planning and Zoning Board tabled the Site Plan Consideration for the Blurton Holdings site plan due to no representation present at the meeting.
8. The Planning and Zoning Board placed the conditional use public hearing for Candlewood Suites in continuance until the January 23rd, 2024 meeting.
9. The Planning and Zoning Board discussed the need for a Special Called meeting in December due to City Hall being closed on the usual meeting date of December 26th, 2023. The Special Called Meeting is to be held on December 28th, 2023 at 6PM at the Gluckstadt City Hall Board Room.



PLANNING & ZONING COMMISSION MEETING

Tuesday, November 28, 2023, at 6:00 PM

Minutes

Call to Order

Commissioner Sam McGaugh called the meeting to order.

The following Commissioners were present: Commissioner Sam McGaugh, Commissioner Melanie Greer, Commissioner Phillips King, Commissioner Andrew Duggar, Commissioner KaTrina Myricks and Commissioner Tim Slattery. Commissioner Kayce Saik was absent.

Staff Members Present: Building Official William Hall, Public Works Director Chris Buckner, Executive Assistant Bridgette Smith, City Attorney John Scanlon and City Attorney Zach Giddy.

Opening Prayer and Pledge of Allegiance

Commissioner Sam McGaugh opened the meeting with prayer.

Commissioner Sam MCGaugh led the pledge of allegiance.

Consideration and Approval of Minutes

Commissioner Tim Slattery made the motion to approve the October 24, 2023, minutes.

Commissioner KaTrina Myricks seconded the motion to approve.

The motion carried and was approved by all Commissioners.

Consideration And Approval of October 24, 2023, minutes

New Site Plan Considerations

Discussion and Consideration of AT&T Conditional Use

Andy Rotenstreich with Baker Donelson gave a brief introduction on the proposed development. The cell tower is a 175-foot single design which will improve A T & T coverage. Located on the back corner of the property. The tower will be enclosed with a chain link fence with plastic covering. The lease agreement is for ten (10) years with the provider. If the lease is not renewed the tower and equipment will be removed by the provider.

The board recommended all future site plans for cell towers with a fence provide a fence to enclose the tower with a covering (plastic) on the fence and maintain the fence.

Commissioner Melanie Greer made the motion to approve.

Commissioner Andrew Duggar seconded the motion to approve.

The motion carried and was approved by all Commissioners.

Discussion and Consideration of AT&T Site Plan

The A T & T Site Plan was approved on contingent on the fence will enclose the tower with a plastic or canvas covering.

Commissioner Andrew Duggar made the motion to approve.

Commissioner Tim Slattery seconded the motion to approve.

The motion carried and was approved by all Commissioners.

Discussion and Consideration of Magnolia District Conditional Use

Danny Balanos addressed the board to discuss the proposed development which will be located on Church Road for outdoor activities. Which will include five (5) tennis courts and pickleball. The multi building is 11,700 square feet. The building will have one main access to the building. The hours of operation will not exceed 10:00 PM nightly.

Commissioner Tim Slattery made the motion to approve.

Commissioner Phillips King seconded the motion to approve.

The motion carried and was approved by all Commissioners.

Discussion and Consideration of Magnolia District Site Plan

The board discussed the proposed location of the dumpster, which is located at the front entrance. The dumpster will be enclosed on the construction plans when they are submitted to the building department for review. The Site Plans includes a restaurant, the board recommended a partition/covering the roof ventilation from view.

Commissioner Phillips King made the motion to approve.

Commissioner KaTrina Myricks seconded the motion to approve.

The motion carried and was approved by all Commissioners.

Discussion and Consideration of Puckett Machinery Conditional Use

Hastings Puckett addressed the board on the need for additional space at their location. They are adding an additional acre of space to construct a fully enclosed warehouse for equipment storage.

Commissioner Andrew Duggar made the motion to approve.

Commissioner Melanie Greer seconded the motion to approve.

The motion carried and was approved by all Commissioners.

Discussion and Consideration of Puckett Machinery Site Plan

Commissioner Sam McGaugh addressed the current business next to this property installed a fence on their property to enclose the rear of the property from view. The new design should extend 125 feet to meet the adjacent owner’s property line. The current location has two (2) entrances off the road, it was recommended to close one (1) and add a new entrance with hardscraping concrete to coordinate with the existing property.

Commissioner Melanie King made the motion to approve.

Commissioner KaTrina Myricks seconded the motion to approve.

The motion carried and was approved by all Commissioners.

Discussion and Consideration of Blurton Holdings Site Plan

The Blurton Holdings Site Plan was tabled until the next scheduled meeting December 26, 2023.

The board discussed a possible change of date to schedule a Special Call Meeting for the December 26, 2023 meeting. The City of Gluckstadt offices are closed for the Christmas Holidays by the Governors Proclamation for Tuesday December 26, 2023.

No action was taken.

Discussion and Consideration of Variances for Candlewood Suites

Sam Deshi addressed the board; the property was purchased in 2019 They are planning to open a Candlewood Suites Hotel. They are requesting a Variance for additional parking and a height variance. The hotel will have eighty-one (81) rooms and 85 parking spaces with four (4) stories in height. The proposed site has one entrance which is currently twenty-four feet. The Fire Chief, Henry Davis addressed the board. The fire code requires an entrance to be twenty-six feet and two entrances to the property. The board recommended the developers meet with the Fire Marsal and the City of Gluckstadt building department to discuss revisions to their Site Plan.

It was tabled until the January 23, 2024, Planning and Zoning meeting.

New Business

No action was taken.

Next Meeting

The Planning and Zoning Board discussed moving the December 26, 2023, meeting to Thursday December 28, 2023. The regular meeting falls on a holiday, the City of Gluckstadt office will be closed. The Special Call Meeting will be held Thursday, December 28, 2023, at 6:00 PM.

Discussion of December Meeting Date

Adjourn

Commissioner Melanie Greer moved the meeting be adjourned.

Commissioner KaTrina Myricks seconded the motion.

The motion carried and was approved by all Commissioners.

WITNESS OUR HANDS, this the _____ day of _____, 2023

SAM MCGAUGH, Chairman

MELANIE GREER, Vice Chairman/Secretary

| Permit | Type | Street Number | Street Name | Applicant | Applicant Email | Contractor | Applied Date | Fees |
|---------|-------------------------|---------------|----------------------|------------------------------|---------------------------|--------------------------|--------------|------|
| 2023263 | Gas Commercial | 135 | INDUSTRIAL DR | STOIC EQUITY | | | 11/30/2023 | 50 |
| 2023262 | Sign | 125 | KIMBALL DR | CPS POOLS AND SPAS INC | TOMMY@CPSPOOLSANDSPAS.COM | A PLUS SIGNS & CREATIVE | 11/29/2023 | 60 |
| 2023261 | Sign | 1021 | GLUCKSTADT RD | TINDLE FAMILY DENTISTRY | TINDLEFAMILYDENTISTRY@GM | | 11/28/2023 | 20 |
| 2023260 | Addition Commercial | 346 | CHURCH RD | WEN HUA TANG | | TONY VU dba VU CONTRACTO | 11/28/2023 | 766 |
| 2023259 | Sign | 232 | OLD JACKSON RD | HUNTER ENGINEERING | | MITCHELL SIGNS | 11/27/2023 | 70 |
| 2023255 | Addition Commercial | 124 | KIMBALL DR | MYERS CONSTRUCTION | | | 11/17/2023 | 847 |
| 2023254 | Sign | 1021 | GLUCKSTADT RD | TINDLE FAMILY DENTISTRY | TINDLEFAMILYDENTISTRY@GM | | 11/16/2023 | 10 |
| 2023252 | Addition Commercial | 203 | CALHOUN STATION PKWY | SHREKA CLEVELAND | | CERTIFIED CONSTRUCTION | 11/13/2023 | 1532 |
| 2023253 | Re-Roof | 219 | FARMERS ROW | MARILYN CLARK | | LEVY CONSTRUCTION LLC | 11/13/2023 | 189 |
| 2023251 | New Building Commercial | 346 | CHURCH RD | BLURTON HOLDINGS INC | | | 11/9/2023 | 100 |
| 2023247 | Addition Residential | 109 | SUNRISE COVE | JACOB BAIN | | | 11/9/2023 | 702 |
| 2023246 | Sign | 154 | CALHOUN STATION PKWY | METHODIST REHABILITATION CEN | | BUDGET SIGNS | 11/6/2023 | 180 |
| 2023245 | Electrical Residential | 208 | MUNICH COVE | GEORGE HEMBREE | | RINEWALT ELECTRIC | 11/1/2023 | 50 |
| 2023244 | Sign | 316 | OLD JACKSON RD | PTS SPORTS PERFORMANCE | MADISONPTS@GMAIL.COM | | 10/31/2023 | 40 |
| 2023243 | Sign | 1237 | GLUCKSTADT ROAD | SONIC DRIVE IN | KAREN_MASTERSON@MCCLAIN | | 10/31/2023 | 180 |
| 2023242 | Sign | 316 | OLD JACKSON RD | PTS SPORTS PERFORMANCE | MADISONPTS@GMAIL.COM | BUDGET SIGNS | 10/31/2023 | 90 |
| 2023237 | New Building Commercial | 130B | AMERICAN WAY | A T & T | | | 10/30/2023 | 250 |
| 2023238 | New Building Commercial | | CHURCH RD | S & D REALTY, LLC | DBOLA14@GMAIL.COM | | 10/30/2023 | 250 |
| 2023239 | New Building Commercial | | CHURCH RD | S & D REALTY, LLC | DBOLA14@GMAIL.COM | | 10/30/2023 | 100 |
| 2023240 | New Building Commercial | 608 | CHURCH ROAD | PUCKETT MACHINERY | HASTINGS.PUCKETT@PUCKETT | | 10/30/2023 | 250 |
| 2023241 | New Building Commercial | 608 | CHURCH ROAD | PUCKETT MACHINERY | HASTINGS.PUCKETT@PUCKETT | | 10/30/2023 | 100 |
| 2023236 | New Building Commercial | 1076 | GLUCKSTADT RD | AUTOZONE, INC | | VAN TASSEL PROCTOR | 10/25/2023 | 6549 |
| 2023235 | Sign | 124 | KIMBALL DR. UNIT 100 | TIMBER TAVERN, LLC | TIMBERTAVERNAXETHROWING | A PLUS SIGNS & CREATIVE | 10/24/2023 | 100 |
| 2023231 | Addition Commercial | 384 | CHURCH RD | LEE HUTCHINSON | | JASON MYERS | 10/20/2023 | 1357 |
| 2023232 | Addition Commercial | 124 | KIMBALL DR | BTH PROPERTIES | | JASON MYERS | 10/20/2023 | 550 |
| 2023233 | Addition Commercial | 124 | KIMBALL DR | BTH PROPERTIES | | JASON MYERS | 10/20/2023 | 409 |
| 2023234 | Addition Commercial | 124 | KIMBALL DR | BTH PROPERTIES | | JASON MYERS | 10/20/2023 | 694 |
| 2023230 | Sign | 311 | CALHOUN STATION PKWY | HOTSPOT MARKET | WILLIAMSKANKISTA@YAHOO.C | | 10/16/2023 | 10 |
| 2023229 | Sign | 1227 | GLUCKSTADT ROAD | SUBWAY | | BUDGET SIGNS | 10/10/2023 | 90 |
| 2023228 | Re-Roof | 210 | N INDUSTRIAL DR | WESTLAKE CHEMCIAL | | JASON MCCLUTCHEN | 10/9/2023 | 5724 |
| 2023227 | Solar | 453 | STOUT RD | JERRY BOULDIN | | MYCHIE LAYNE | 10/6/2023 | 398 |
| 2023226 | Sign | 154 | CALHOUN STATION PKWY | METHODIST REHABILITATION C | KWALLACE@MMRCREHAB.ORG | | 10/5/2023 | 10 |

City of Gluckstadt

Application for Conditional Use

Subject Property Address: 130 American Way, Gluckstadt, MS
Parcel #: 082 I-29-010/07.00
Owner: Paul Harmon
Address: 130 American Way
Gluckstadt MS 39110
Phone #: (205) 250-8353
E-Mail: N/A

new cingular wireless psc llc
Applicant: 40 Baker Donelson
Address: 1901 6th Ave N Ste. 2600
Birmingham AL 35203
Phone #: (205) 562-4317
E-Mail: mpalmer@bakerdonelson.com

Current Zoning District: I-2
Acreage of Property (if applicable): _____
Use sought of Property: Telecommunications Facility & Supporting Equipment

Requirements of Applicant:

1. Letter demonstrating how the proposed use will comply with or otherwise satisfy the requirements for granting a Conditional Use pursuant to Section 804.01 of the Zoning Ordinance.
2. Copy of written legal description.
3. Additional items may be requested depending on the nature and status of the proposed development or property.
4. \$ 250.00 fee required for processing
5. Site Plan as required in Section 807-810

Requirements for Granting Conditional Use: (Section 805.01, Zoning Ordinance)

- A Conditional Use shall not be granted unless satisfactory provisions and arrangements have been made concerning all the following:
- (a). Ingress and egress to property and proposed structures
 - (b). Off-Street parking and loading areas
 - (c). Refuse and service areas
 - (d). Utilities, with reference locations, availability, and compatibility.
 - (e). Screening and buffering with reference to type, dimensions, and character.
 - (f). Required yards and other open spaces.
 - (g). General compatibility with adjacent properties and other properties in the district.
 - (h). Any other provisions deemed applicable by the Mayor and Board of Aldermen.

Applicant shall be present at the Planning and Zoning Commission meeting and Mayor and Board of Alderman meeting. Documents shall be submitted thirty (30) days prior to the Planning and Zoning Commission meeting.

City of Gluckstadt

Application for Site Plan Review

Subject Property Address: 130 American Way, Gluckstadt, MS

Parcel #: 082I-29-010/07.00

Owner: Paul Harmon

Address: 130 American Way
Madison, MS 39110

Phone #: (205) 250-8353

E-Mail: n/a

Current Zoning District: G2 I-2

Acreage of Property (If applicable): _____

Use sought of Property: telecommunications facility & supporting equipment

Applicant: New Cellular Wireless PCS, LLC db/a AT&T
c/o Baker Donelson

Address: 1901 6th Ave N, Ste 2600
Birmingham, AZ 35203

Phone #: (205) 568-6317

E-Mail: mpalmer@bakerdonelson.com

Requirements of Applicant:

1. Copy of written legal description.
2. Site Plan as required in Sections 807-810 of City of Gluckstadt Zoning Ordinance
3. Color Rendering & Elevations at time of submittal

Requirements for Site Plan Submittal (Refer to Section 807, Gluckstadt Zoning Ordinance)

Nine (9) copies of the site plan shall be prepared and submitted to the Zoning Administrator. Digital copies are acceptable. Three (3) hard copies are required.

Site Plan Specifications (Section 809, Zoning Ordinance)

- A. Lot Lines (property lines)
- B. Zoning of the adjacent lots
- C. The names of owners of adjacent lots
- D. Rights of way existing and proposed streets, including streets shown on the adopted Throughfares plan
- E. Access ways, curb cuts, driveways, and parking, including number of parking spaces to be provided
- F. All existing and proposed easements
- G. All existing and proposed water and sewer lines. Also, the location of all existing and proposed fire hydrants.
- H. Drainage plan showing existing and proposed storm drainage facilities. The drainage plan shall indicate adjacent off site drainage courses and projected storm water flow rates from off-site and on-site sources.

- I. Contours at vertical intervals of five (5) feet or less.
- J. Floodplain designation, according to FEMA Maps.
- K. Landscaped areas and planting screens.
- L. Building lines and the locations of all structures, existing and proposed
- M. Proposed uses of the land and buildings, if known
- N. Open space and recreation areas, where required.
- O. Area in square feet, and/or square acres of parcel
- P. Proposed gross lot coverage in square feet
- Q. Number and type of dwelling units where proposed
- R. Location of sign structures and drawings. (Section 701)
- S. Location of garbage dumpster and enclosure. (Section 406.06)
- T. Any other data necessary to allow for a through evaluation of the proposed use, including a traffic study.

Applicant shall be present at the monthly meeting of the Planning and Zoning Commission when site plan is on the agenda for consideration; additionally, applicant shall be present at the Mayor and Board of Alderman meeting when the site plan is on the agenda for final approval.

Applicant is responsible for complying with all applicable requirements of the Gluckstadt Zoning Ordinance.

Site Plans shall be submitted by the 5:00 pm on the 5th day of the month, immediately preceding the next regular meeting of the Planning and Zoning Commission. No Exceptions.

Once submitted to the Planning & Zoning Administrator for approval to add to the Planning and Zoning Commission's agenda, no amendments or changes shall be made to the site plan. If you wish to submit changes, you will be required to resubmit by the 5th of the following month for the next monthly meeting of the Planning and Zoning Commission.

Attestation: By signing this application, the applicant agrees to all the terms and conditions laid out in this document. Approval of site plan is subject to Board approval.

Nancy S. Palmer
Applicant Signature

9/18/2023
Date

CITY OF GLUCKSTADT BUILDING DEPARTMENT
OFFICE USE ONLY

Date Received: _____

Application Complete & Approved to Submit to P&Z Board (please check):

Yes _____ No _____

Signature: _____
Planning & Zoning Administrator (or Authorized Representative)

PARENT TRACT (BOOK 3919, PAGE 76)

Being situated in the East 1/2 of Section 29, Township 8 North, Range 2 East, Madison County, Mississippi, and being more particularly described as follows:

Commence at the Northeast corner of the Northwest 1/4 of the Northeast 1/4 of aforesaid Section 29 and run thence South 0 degrees 07 minutes East along the line between the East 1/2 and the West 1/2 of the East 1/2 of the aforesaid Section 29, 1298.20 feet and the Southeast corner of the Schmidt property and the Point of Beginning for the property herein described; continue thence South 0 degrees 07 minutes East along the line between the East 1/2 and the West 1/2 of the East 1/2 of said Section 29, 358.23 feet; run thence South 53 degrees 46 minutes 08 seconds West, 525.78 feet; run thence North 0 degrees 07 minutes West, 667.26 feet; run thence North 89 degrees 45 minutes 58 seconds East, along the South boundary of the aforesaid Schmidt property and the Westerly projection thereof, 424.77 feet to the Point of Beginning; containing 5.0 acres, more or less.

40' x 40' LEASE AREA (AS SURVEYED):

A tract of land being a portion of the Northeast 1/4 of Section 29, Township 8 North, Range 2 East, Madison County Mississippi, described as follows:

Commencing at a found 5/8 inch rebar having Mississippi West State Plane Coordinates N: 1095782.56 E: 2365257.80; thence N 47°42'16" W, 514.79 feet to a set 5/8 inch rebar and the Point of Beginning; thence S 01°04'12" E, 40.00 feet to a set 5/8 inch rebar; thence S 88°55'48" W, 40.00 feet to a set 5/8 inch rebar; thence N 01°04'12" W, 40.00 feet to a set 5/8 inch rebar; thence N 88°55'48" E, 40.00 feet to the Point of Beginning.

Containing 1600.0 SQ.FT or 0.04 acres, more or less.

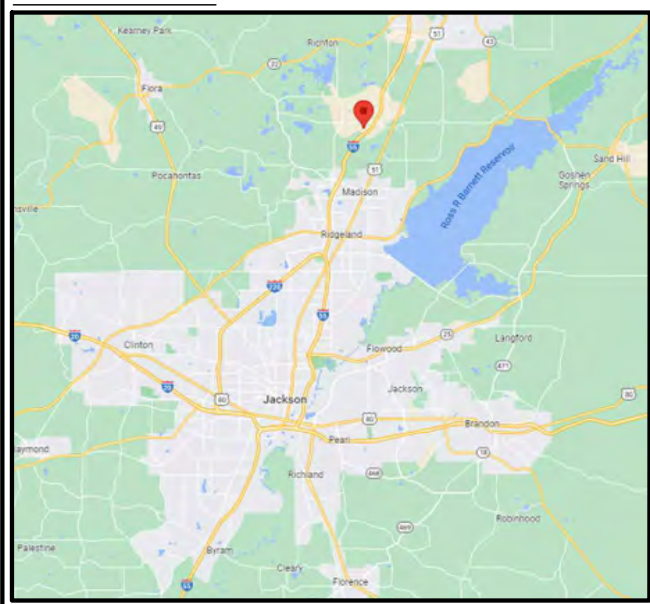
30' INGRESS/EGRESS & UTILITY EASEMENT (AS SURVEYED)

A tract of land being a portion of the Northeast 1/4 of Section 29, Township 8 North, Range 2 East, Madison County Mississippi, described as follows:

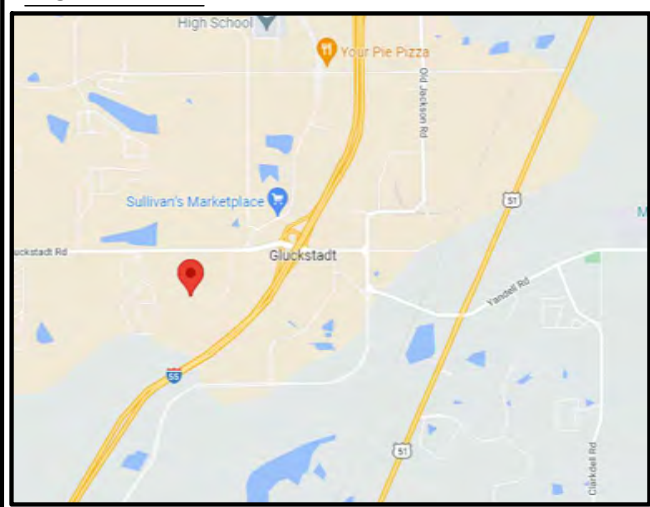
Commencing at a found 5/8 inch rebar having Mississippi West State Plane Coordinates N: 1095782.56 E: 2365257.80; thence N 47°42'16" W, 514.79 feet to a set 5/8 inch rebar; thence S 01°04'12" E, 40.00 feet to a set 5/8 inch rebar; thence S 88°55'48" W, 20.00 feet the Point of Beginning of an Ingress/Egress & Utility easement being 30 feet in width and lying 15 feet on each side of the following described centerline; thence S 01°51'54" W, 270.10 feet to a point; thence S 34°16'42" E, 270.92 feet, more or less to the north right-of-way of American Way and the Point of Ending.

Containing 16230.4 SQ.FT. or 0.37 acres, more or less.

LOCATION MAP



VICINITY MAP



DRIVING DIRECTIONS

DIRECTIONS FROM JACKSON, MS:
GET ON I-55 N FROM E PASCAGOULA ST. FOLLOW I-55 N TO MADISON COUNTY. TAKE EXIT 112 FROM I-55 N CONTINUE ON GLUCKSTADT RD. USE ANY LANE TO TURN LEFT ONTO GLUCKSTADT RD. TURN LEFT ONTO LEXINGTON DR

| DEPARTMENT | NAME/SIGNATURE | DATE |
|-------------------------|----------------|------|
| LAND/TOWER OWNER | | |
| SITE ACQU. AGENT | | |
| ZONING/PERMITTING AGENT | | |
| A&E MANAGER | | |
| CONSTRUCTION MANAGER | | |
| RF MANAGER | | |

PTN #:

| | |
|-----------------|------------|
| ORACLE PTN # 1: | 2701A17HMF |
| ORACLE PTN # 2: | 2701A17HMJ |
| ORACLE PTN # 3: | 2701A0QCSS |
| ORACLE PTN # 4: | 2701A0QCXY |
| ORACLE PTN # 5: | 2701A0QCNR |
| ORACLE PTN # 6: | 2701A0KWCD |
| ORACLE PTN # 7: | 2701A0QCTT |

PACE:

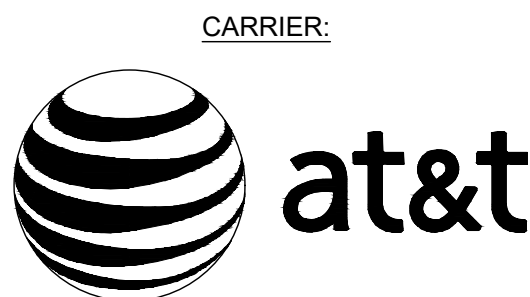
| | |
|---------------|-------------|
| PACE JOB # 1: | MRBHM037444 |
| PACE JOB # 2: | MRBHM037433 |
| PACE JOB # 3: | MRALM039939 |
| PACE JOB # 4: | MRALM039945 |
| PACE JOB # 5: | MRALM039941 |
| PACE JOB # 6: | MRALM034004 |
| PACE JOB # 7: | MRALM039959 |

SITE NAME:
SOUTH GLUCKSTADT

AT&T SITE NUMBER:
14772332

PROJECT DESCRIPTION:
PROPOSED 175' MONOPOLE TOWER
RFDS VERSION
v 3.00 (DATED 11/10/2023)

USID SITE NUMBER: **320865** RFDS ID: **5510674** RFDS NAME: **MSL01372**
WALK-UP-CABINET (WUC) ON CONCRETE PAD
CONSTRUCTION DRAWINGS



PER THE PROVIDED MONOPOLE TOWER DRAWINGS DRAWN BY SABRE INDUSTRIES, DATED 10/11/2023; SMW ENGINEERING CANNOT SEE ANY CONFLICTS BETWEEN THE TOWER DESIGN 175' AND THE PROPOSED LOCATION OF THE MOUNTS 170'.

NOTE: PLEASE NOTE THAT ALL AREAS OF DISTURBANCE (ACCESS AND COMPOUND) ARE TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FINDINGS. COMPACTION REPORTS ARE TO BE TAKEN AT 50' INTERVALS ALONG THE ACCESS DRIVE (MINIMUM OF TWO), AT EACH CORNER OF COMPOUND & CENTER OF COMPOUND AND AT EVERY TWO (2) FOOT OF FILL ELEVATION. ANY UNSUITABLE MATERIAL ENCOUNTERED ON SITE SHOULD BE REMOVED AND REPLACED (IN ACCORDANCE WITH GEOTECHNICAL REPORT). CONTRACTOR TO SUBMIT COMPACTION REPORTS PRIOR TO ANY ADDITIONAL CONSTRUCTION.

PROJECT INFORMATION

SITE ADDRESS: 130 AMERICAN WAY
MADISON, MS 39110
LATITUDE (NAD 83): N 32° 30' 48.075" (32.513354°)
LONGITUDE (NAD 83): W 90° 06' 42.669" (-90.111852°)
PARCEL ID: 0821-29-010/07.00
PARCEL SIZE: 1,600 SQ FT (0.04± ACRES)
ZONING: I-2
JURISDICTION: CITY OF GLUCKSTADT
PROPERTY OWNER: HARMON QUALITY BUILDERS LLC
APPLICANT: FORESITE
3975 ASBURY ROAD
VESTAVIA HILLS, AL 35243
MATT SWANN
ENGINEER: JOHN TAYLOR, PE
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
POWER: ENTERGY
TELCO: AT&T

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| C-3 | DETAILED SITE PLAN |
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| LS-2 | LANDSCAPING DETAILS |
| - | ATTACHMENTS |
| - | RFDS |



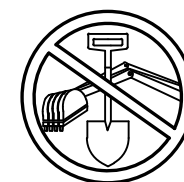
| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|----------|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|
| DATE | DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS |
| 01/26/23 | | | | | |
| 07/24/23 | | | | | |
| 08/15/23 | | | | | |
| 11/16/23 | | | | | |
| 11/30/23 | | | | | |

SOUTH GLUCKSTADT

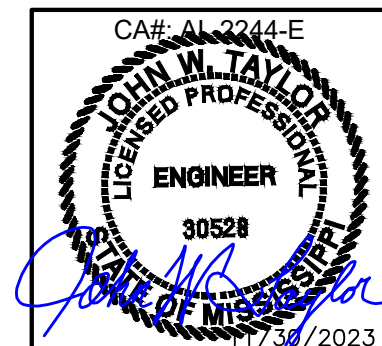
TITLE SHEET & PROJECT INFORMATION

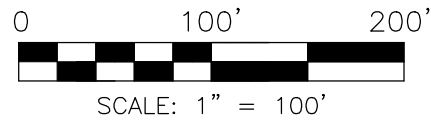
| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

T-1 2



ALABAMA ONE-CALL
STATE WIDE CALL: 811
CALL BEFORE YOU DIG

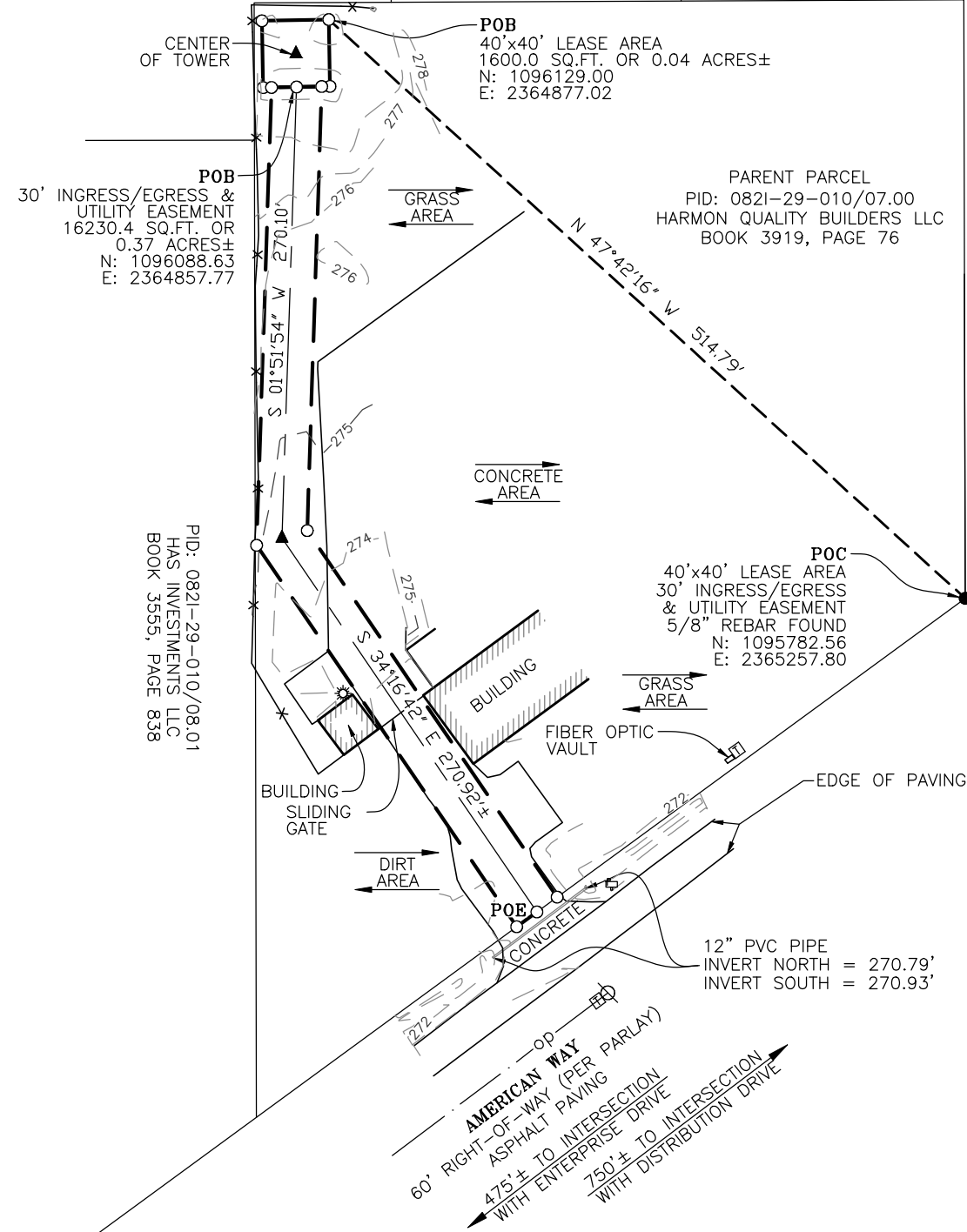




PID: 0821-29-010/13.00
 PHARMACY GROUP OF
 MISSISSIPPI LLC
 BOOK 3114, PAGE 511

PID: 0821-29-011/01.00
 SABINO DEVELOPMENT LLC
 BOOK 2030, PAGE 909

PID: 0821-29-011/02.00
 J & D LLC
 BOOK 2319, PAGE 821



William H. Sommerville, III

William H. Sommerville, III
 Mississippi License No. 02859



09/01/23

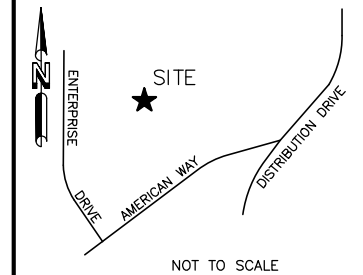
TOWER INFO

CENTER OF TOWER:
 LATITUDE: 32°30'48.075" NORTH
 LONGITUDE: 90°06'42.669" WEST
 (NAD 83)
 GROUND ELEVATION: 279'
 ABOVE MEAN SEA LEVEL (NAVD88)

Section 10, Item B)

| NO. | DATE | REVISION | ADDED TITLE EXCEPTIONS |
|-----|----------|----------|------------------------|
| 1 | 11-18-22 | | |

VICINITY MAP



PROJECT NO.
 22-1425

DRAWN BY: SEL
 CHECKED BY: MAW
 FIELD CREW: LG
 APPROVED BY: WHS
 DATE: 10/25/22
 SCALE: AS NOTED

SHEET 1 OF 2

MISSISSIPPI WEST

GRID NORTH
 GRID TO TRUE NORTH
 CONVERGENCE
 0°07'08.56390"
 TRUE NORTH TO MAGNETIC
 DECLINATION
 1°26' W
 COMBINED SCALE FACTOR
 0.999955338

LEGEND

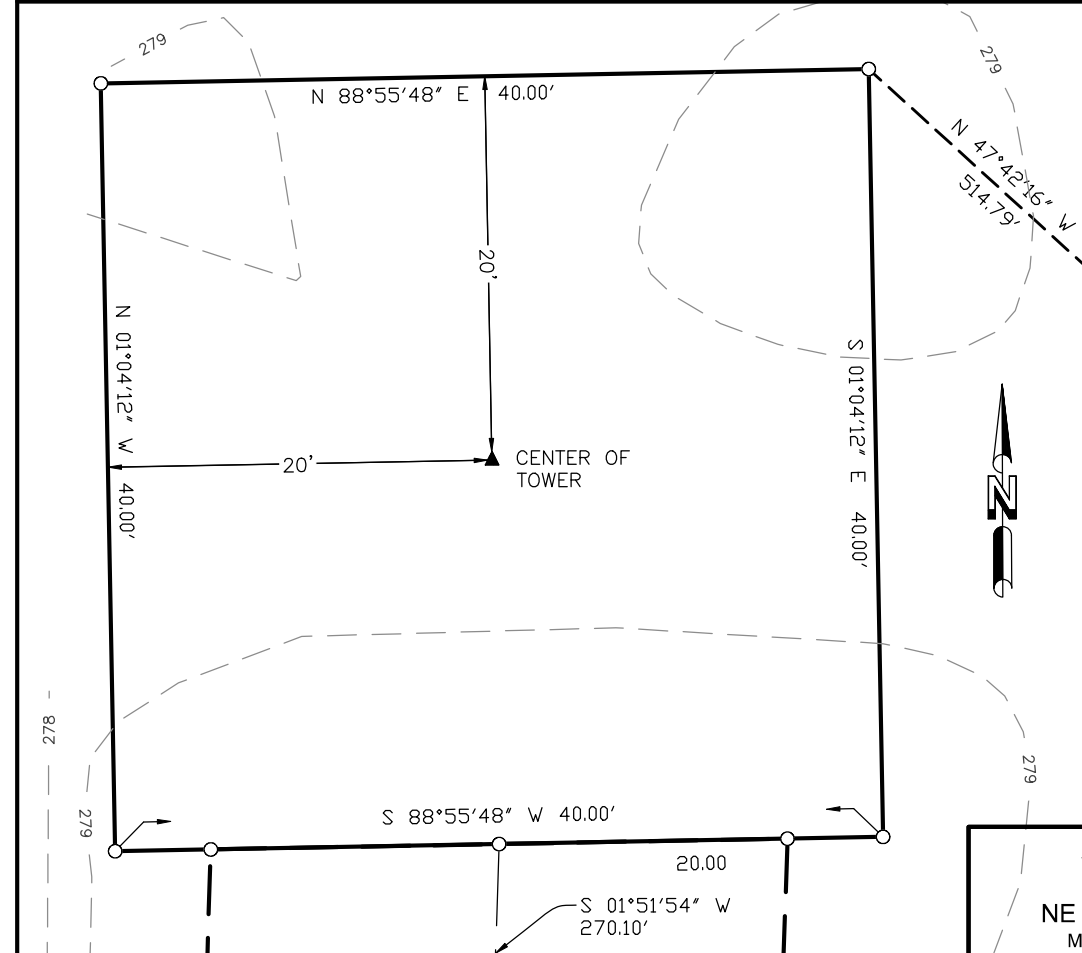
- = 5/8" REBAR SET
 - = FOUND PROPERTY MARKER
 - POB = POINT OF BEGINNING
 - POC = POINT OF COMMENCEMENT
 - POE = POINT OF ENDING
 - ▲ = CALCULATED POINT
 - ⊙ = POWER POLE
 - ⊕ = GUY ANCHOR
 - ☐ = POWER BOX
 - ☐ = TELEPHONE PEDESTAL
 - ☼ = LIGHT POLE
 - ☐ = MAILBOX
- ROW --- = RIGHT-OF-WAY
 - - - - - OP - - - - - = OVERHEAD POWER

FLOOD NOTE

By graphic plotting only, the subject property appears to lie in Zone "X" of the Flood Insurance Rate Map Community Panel No. 28089C0415F, which bears an effective date of March 17, 2010 and IS NOT in a special flood hazard area. Zone "X": Areas determined to be outside the 0.2% annual chance floodplain.

COMPOUND DETAIL

SCALE: 1" = 10'

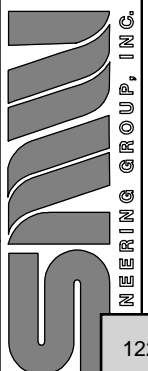


SOUTH GLUCKSTADT
 14772332
 NE 1/4, SEC. 29, T-8-N, R-2-E
 MADISON COUNTY, MISSISSIPPI

RAWLAND TOWER SURVEY

FORESITE
 3875 ASBURY ROAD
 VESTAVIA HILLS, AL 35243

FOR:
SMW Engineering Group, Inc.
 158 Business Center Drive
 Birmingham, Alabama 35244
 Ph: 205-252-6985
 www.smweng.com



SURVEYOR'S NOTES

1. This is Rawland Tower Survey, made on the ground under the supervision of a Mississippi Registered Land Surveyor. Date of field survey is September 29, 2022.
2. The following surveying instruments were used at time of field visit: Topcon GM-55 and Topcon Hiper SR G.P.S. receiver, (R.T.K. network capable).
3. Bearings are based on Mississippi West State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a GPS Continuously Operating Reference Station, PID CP0202. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Rawland Tower Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted with the benefit of an Abstract Title search.
9. Surveyor hereby states the Geodetic Coordinates and the elevation shown for the proposed centerline of the tower are accurate to within +/- 20 feet horizontally and to within +/- 3 feet vertically (FAA Accuracy Code 1A).
10. Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Class "A" Survey.
11. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1":15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted.
12. This survey is not valid without the original signature and the original seal of a state licensed surveyor.
13. This survey does not constitute a boundary survey of the Parent Tract. Any parent tract property lines shown hereon are from supplied information and may not be field verified.

SURVEYOR'S CERTIFICATION

I certify that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Mississippi to the best of my knowledge, information, and belief.



William H. Sommerville, III
Mississippi License No. 02859



09/01/23

PARENT TRACT (BOOK 3919, PAGE 76)

Being situated in the East 1/2 of Section 29, Township 8 North, Range 2 East, Madison County, Mississippi, and being more particularly described as follows:
Commence at the Northeast corner of the Northwest 1/4 of the Northeast 1/4 of aforesaid Section 29 and run thence South 0 degrees 07 minutes East along the line between the East 1/2 and the West 1/2 of the East 1/2 of the aforesaid Section 29, 1298.20 feet and the Southeast corner of the Schmidt property and the Point of Beginning for the property herein described; continue thence South 0 degrees 07 minutes East along the line between the East 1/2 and the West 1/2 of said Section 29, 358.23 feet; run thence South 53 degrees 46 minutes 08 seconds West, 525.78 feet; run thence North 0 degrees 07 minutes West, 667.26 feet; run thence North 89 degrees 45 minutes 58 seconds East, along the South boundary of the aforesaid Schmidt property and the Westerly projection thereof, 424.77 feet to the Point of Beginning; containing 5.0 acres, more or less.

40' x 40' LEASE AREA (AS SURVEYED):

A tract of land being a portion of the Northeast 1/4 of Section 29, Township 8 North, Range 2 East, Madison County Mississippi, described as follows:
Commencing at a found 5/8 inch rebar having Mississippi West State Plane Coordinates N: 1095782.56 E: 2365257.80; thence N 47°42'16" W, 514.79 feet to a set 5/8 inch rebar and the Point of Beginning; thence S 01°04'12"E, 40.00 feet to a set 5/8 inch rebar; thence S 88°55'48"W, 40.00 feet to a set 5/8 inch rebar; thence N 01°04'12"W, 40.00 feet to a set 5/8 inch rebar; thence N 88°55'48"E, 40.00 feet to the Point of Beginning.
Containing 1600.0 SQ.FT or 0.04 acres, more or less.

30' INGRESS/EGRESS & UTILITY EASEMENT (AS SURVEYED)

A tract of land being a portion of the Northeast 1/4 of Section 29, Township 8 North, Range 2 East, Madison County Mississippi, described as follows:
Commencing at a found 5/8 inch rebar having Mississippi West State Plane Coordinates N: 1095782.56 E: 2365257.80; thence N 47°42'16"W, 514.79 feet to a set 5/8 inch rebar; thence S 01°04'12"E, 40.00 feet to a set 5/8 inch rebar; thence S 88°55'48"W, 20.00 feet the Point of Beginning of an Ingress/Egress & Utility easement being 30 feet in width and lying 15 feet on each side of the following described centerline; thence S 01°51'54"W, 270.10 feet to a point; thence S 34°16'42"E, 270.92 feet, more or less to the north right-of-way of American Way and the Point of Ending.
Containing 16230.4 SQ.FT. or 0.37 acres, more or less.

PLOTTABLE EXCEPTIONS

Chicago Title Insurance Company
Commitment for Title Insurance Commitment No. 25181801
Date October 25, 2022 @ 8:00 AM
Schedule B, Part II

| Exception No. | Instrument | Comment |
|---------------|---|---|
| 1-9 | | Standard exceptions. Contain no survey matters. |
| 10 | Right-of-Way to Mississippi Power & Light Company, Book 323, Page 330 | Does not affect Parent tract. |
| 11 | Matters on survey prepared by Robert M, Case, Book 323, Page 300 | Does not affect Parent tract. |

Section 10, Item B)

| | |
|------------------------|---------|
| DATE | 11-18-2 |
| REVISION | |
| ADDED TITLE EXCEPTIONS | |
| NO. | 1 |
| PROJECT NO. | 22-1425 |
| DRAWN BY: SEL | |
| CHECKED BY: MAW | |
| FIELD CREW: LG | |
| APPROVED BY: WHS | |
| DATE: 10/25/22 | |
| SCALE: N.T.S. | |
| SHEET 2 OF 2 | |

RAWLAND TOWER SURVEY

FORESITE
3875 ASBURY ROAD
VESTALIA HILLS, AL 35243

SMW Engineering Group, Inc.
158 Business Center Drive
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Ph: 205-252-6985
www.smweng.com



SOUTH GLUCKSTADT
14772332
NE 1/4, SEC. 29, T-8-N, R-2-E
MADISON COUNTY, MISSISSIPPI

GENERAL NOTES:

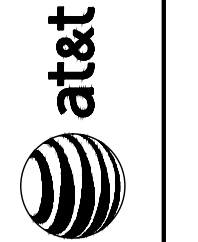
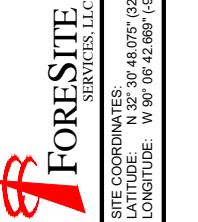
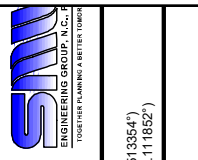
1. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTIONS PRACTICES.
2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL ORDERS,
3. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.
4. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
5. SITE GROUNDING SHALL COMPLY WITH TOWER OWNER GROUNDING STANDARDS, LATEST EDITION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF THE TOWER
6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
8. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
10. CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.
11. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS AND TOWER DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
12. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
14. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
15. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
16. SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.
17. FOR ITEM THAT SHALL BE PROVIDED BY THE OWNER & INSTALLED BY THE CONTRACTOR, SEE "OWNER SUPPLIED MATERIAL LIST" INSERTED IN THIS DRAWINGS PACKAGE.
18. OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES IN SECTIONS, ETC.
19. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETIONS OF THE PROJECT.
20. THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE

EXCAVATION & GRADING NOTES

1. ALL CUT & FILL SLOPES SHALL BE 3:1 MAXIMUM (UNLESS NOTED ON GRADING SHEET)
2. ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
3. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
4. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OF CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
5. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS AND SO FORTH.
6. BACK FILL SHALL BE:
 - APPROVED MATERIALS CONSISTING OF EARTH, LOAMY, SANDY, CLAY SAND, GRAVEL OR SOFT SHELL;
 - FREE FROM CLODS OR STONES OVER 2 1/2" MAXIMUM DIMENSIONS;
 - IN LAYERS AND COMPACTED
7. SITE FILL MATERIAL AND FOUNDATION BACK FILL SHALL BE PLACED IN LAYERS, MAXIMUM 6" DEEP BEFORE COMPACTION. EACH LAYER SHALL BE SPRINKLED IF REQUIRED AND COMPACTED BY HAND OPERATED OR MACHINE TAMPERS TO 95% OF MAXIMUM DENSITY, AT THE OPTIMUM MOISTURE CONTENT +/-2% AS DETERMINED BY ATM DESIGNATION D-698, UNLESS OTHERWISE APPROVED. SUCH BACK FILL SHALL NOT BE PLACED BEFORE 3 DAYS AFTER PLACEMENT OF CONCRETE.
8. THE FOUNDATION AREA SHALL BE GRADED TO PROVIDE WATER RUNOFF AND PREVENT WATER FROM STANDING. THE FINAL GRADE SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE FOUNDATION AND SHALL THEN BE COVERED WITH 4' DEEP COMPACTED STONE OR GRAVEL.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL CITY, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS AND CHECK DAMS.
10. FILL PREPARATION:
 - REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAT 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
11. REPLACE THE EXISTING WEARING SURFACE ON AREAS WHICH HAVE BEEN DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS. SURFACE SHALL BE REPLACE TO MATCH EXISTING ADJACENT SURFACING AND SHALL BE OF THE SAME THICKNESS. NEW SURFACE SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATERIAL, OF OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL RESURFACING MATERIAL AS REQUIRED. BEFORE SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. SURFACING SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE.
12. PROTECT EXISTING SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
13. DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED / REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
15. ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
16. RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY, AND FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC.
17. SHOULD ARTIFACTS OR ARCHAEOLOGICAL FEATURES BE ENCOUNTERED DURING PROJECT ACTIVITIES, WORK SHALL CEASE AND OUR OFFICE SHALL BE CONSULTED IMMEDIATELY. ARTIFACTS ARE OBJECTS EBI CONSULTING MADE, USED OR MODIFIED BY HUMANS. THEY INCLUDE BUT ARE NOT EXCLUDED TO ARROWHEADS, BROKEN PIECES OF POTTERY OR GLASS, STONE IMPLEMENTS, METAL FASTENERS OR TOOLS, ETC. ARCHAEOLOGICAL FEATURES ARE STAINS ON THE SOIL THAT INDICATE DISTURBANCE BY HUMAN ACTIVITY. SOME EXAMPLES ARE POST HOLES, BUILDING FOUNDATIONS, TRASH PITS AND EVEN HUMAN BURIALS.

- X — FENCE
- □ — CONTOUR LINE
- - - - - PROPERTY LINE/ROW
- - - - - LEASE AREA
- - - - - EASEMENT
- DISCONNECT SWITCH
- Ⓜ METER
- Ⓢ CIRCUIT BREAKER
- Ⓧ Coded Note Number
- Ⓡ CHEMICAL GROUND ROD
- ⓇⓈ GROUND ROD
- ⓇⓈⓈ GROUND ROD W/ INSPECTION SLEEVE
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- G — GROUND WIRE

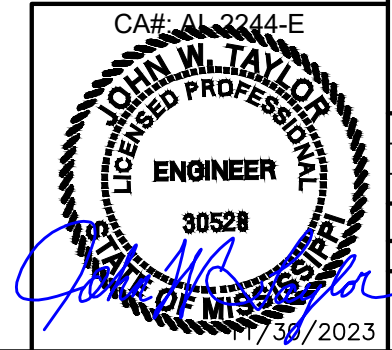
Section 10, Item B)



| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|-----------------------------------|-----|-----|-----|-----|-----|
| ISSUED FOR CLIENT REVIEW | | | | | |
| ISSUED FOR ZONING | | | | | |
| REVISED PER CONCRETE PAD | | | | | |
| REVISED PER TOWER DRAWINGS & RFDS | | | | | |
| REVISED PER JRX COMMENTS | | | | | |

SOUTH GLUCKSTADT
GENERAL NOTES

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-1 | 2 |





| DESIGNER | ZDS |
|----------|-----|
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| BJB | BJB |

| DATE | DESCRIPTION |
|----------|-----------------------------------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
OVERALL SITE PLAN

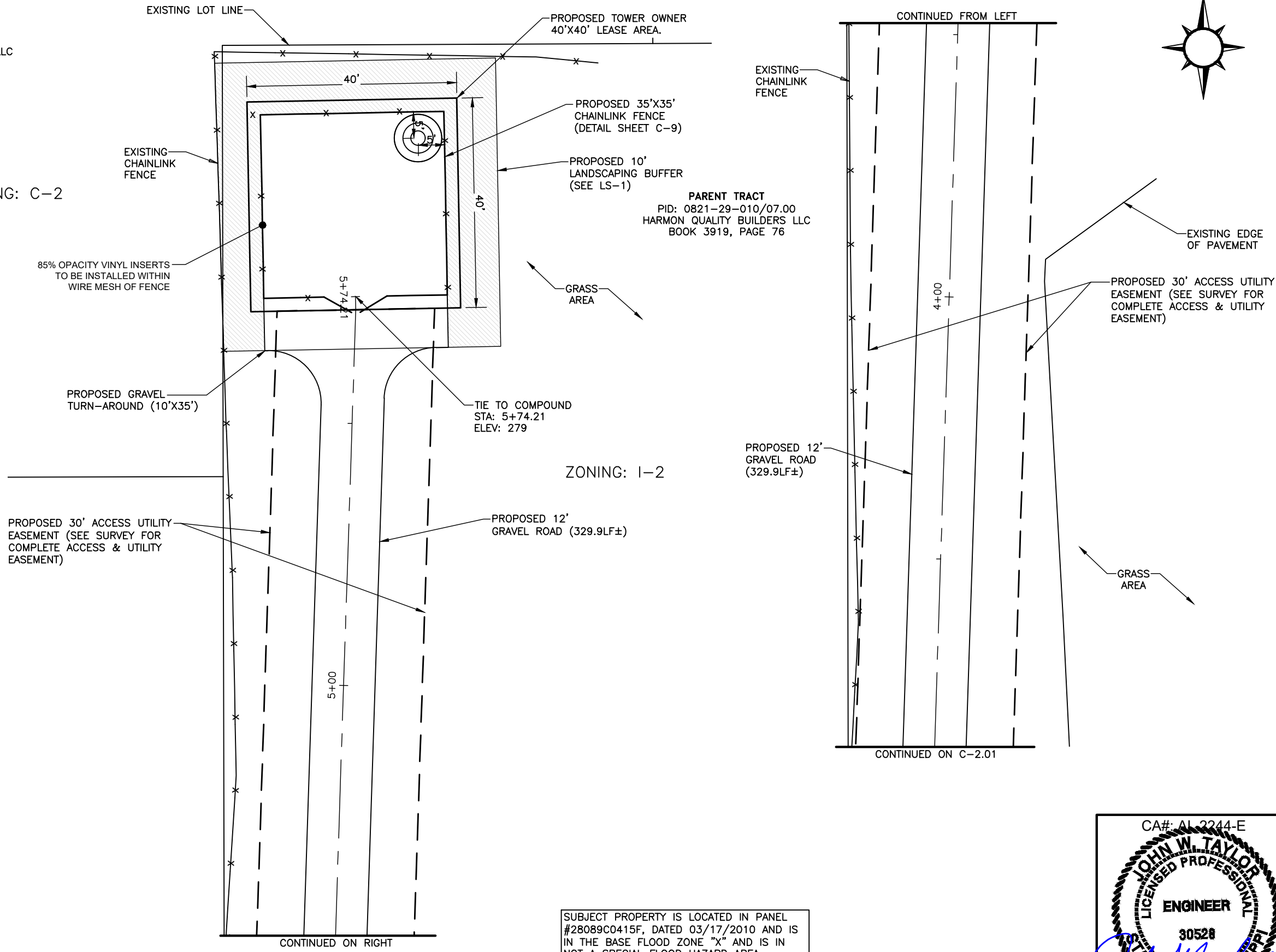
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-2 |
| REV. | 2 |

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513354°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)

PID: 0821-29-010/13.00
PHARMACY GROOUP OF MISSISSIPPI LLC
BOOK 3114, PAGE 511

ZONING: C-2

PID: 0821-29-010/08.01
HAS INVESTMENTS LLC
BOOK 3555, PAGE 838



SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

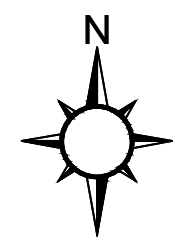
1
C-2 OVERALL SITE PLAN
SCALE: 1"=20'

CA#: AL 2244-E

11/30/2023



ENGINEERING GROUP, N.C.
 FORESITE SERVICES, LLC
 SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



ZONING: C-2

EXISTING LOT LINE CONTINUED FROM C-2

PROPOSED 12' GRAVEL ROAD (329.9LF±)

PARENT TRACT
 PID: 0821-29-010/07.00
 HARMON QUALITY BUILDERS LLC
 BOOK 3919, PAGE 76

ZONING: I-2

CONCRETE AREA

EXISTING BUILDING

PROPOSED 30' ACCESS UTILITY EASEMENT (SEE SURVEY FOR COMPLETE ACCESS & UTILITY EASEMENT)

PID: 0821-29-010/08.01
 HAS INVESTMENTS, LLC
 BOOK 3555, PAGE 838

EXISTING EDGE OF PAVEMENT

EXISTING BUILDING

EXISTING CHAINLINK FENCE

EXISTING SLIDING GATE

CONTINUED ON C-2.02

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1 OVERALL SITE PLAN
 C-201 SCALE: 1"=20'



| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT

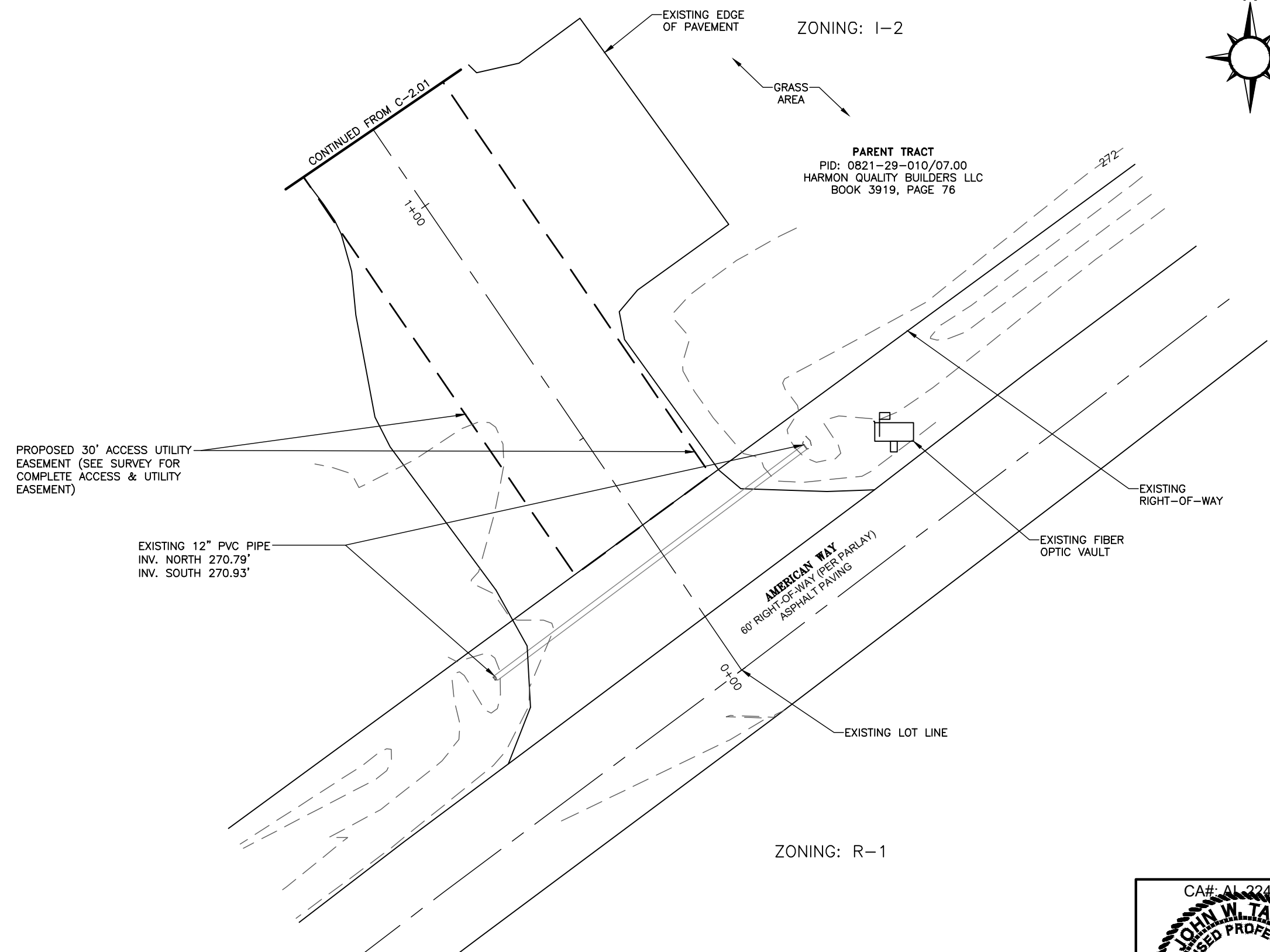
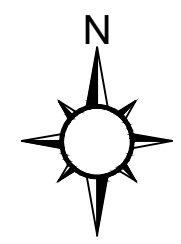
OVERALL SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-2.01 2



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

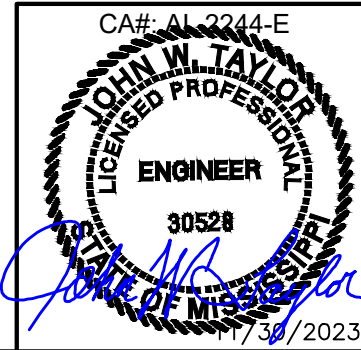


| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
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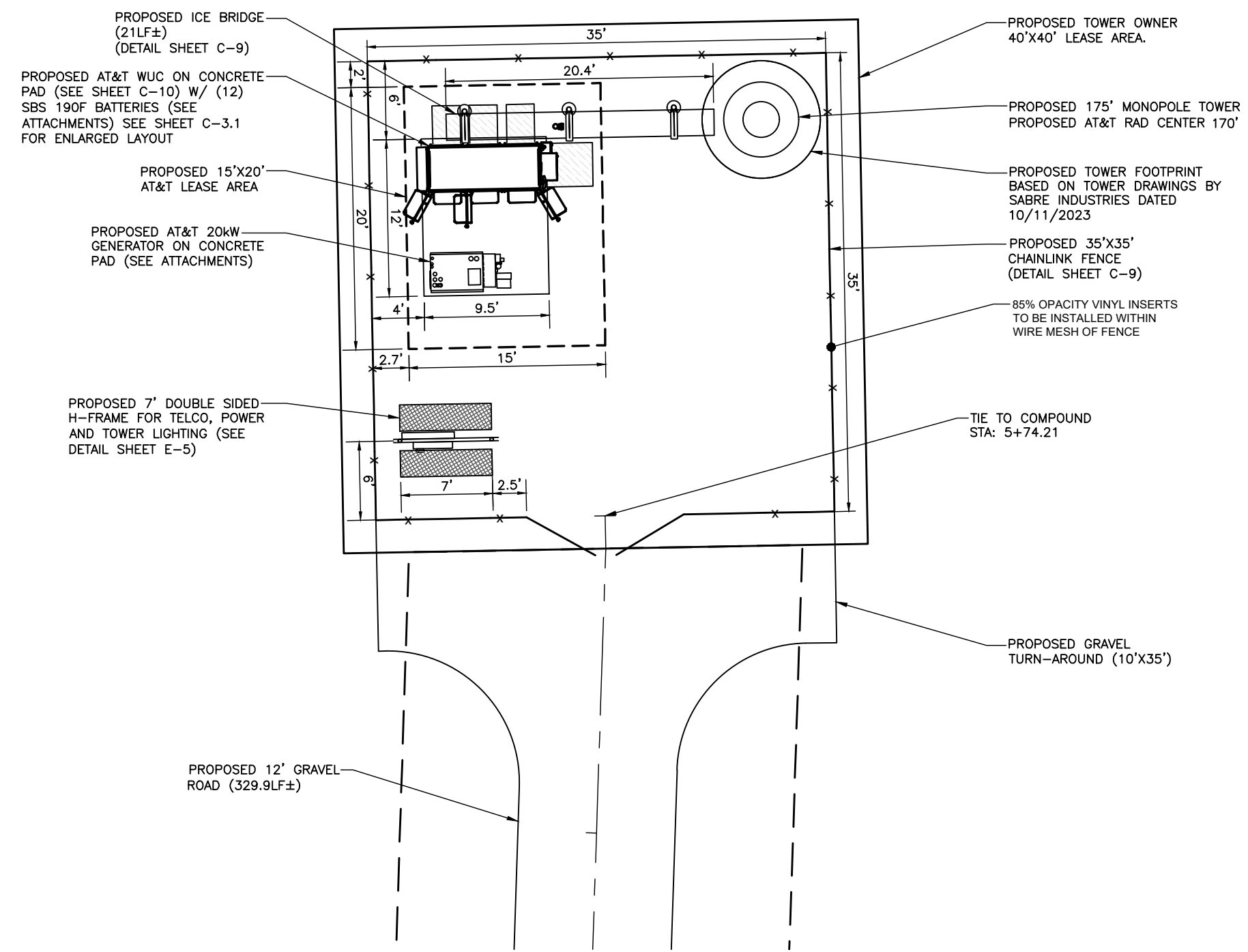
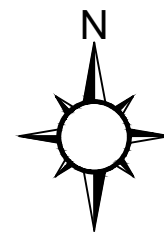
SOUTH GLUCKSTADT
 OVERALL SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-2.02 | ? |

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.



1 OVERALL SITE PLAN
 SCALE: 1"=20'



PROPOSED ICE BRIDGE
(21LF±)
(DETAIL SHEET C-9)

PROPOSED AT&T WUC ON CONCRETE
PAD (SEE SHEET C-10) W/ (12)
SBS 190F BATTERIES (SEE
ATTACHMENTS) SEE SHEET C-3.1
FOR ENLARGED LAYOUT

PROPOSED 15'X20'
AT&T LEASE AREA

PROPOSED AT&T 20kW
GENERATOR ON CONCRETE
PAD (SEE ATTACHMENTS)

PROPOSED 7' DOUBLE SIDED
H-FRAME FOR TELCO, POWER
AND TOWER LIGHTING (SEE
DETAIL SHEET E-5)

PROPOSED TOWER OWNER
40'X40' LEASE AREA.

PROPOSED 175' MONOPOLE TOWER
PROPOSED AT&T RAD CENTER 170'

PROPOSED TOWER FOOTPRINT
BASED ON TOWER DRAWINGS BY
SABRE INDUSTRIES DATED
10/11/2023

PROPOSED 35'X35'
CHAINLINK FENCE
(DETAIL SHEET C-9)

85% OPACITY VINYL INSERTS
TO BE INSTALLED WITHIN
WIRE MESH OF FENCE

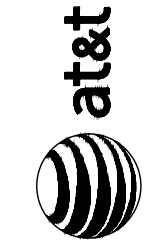
TIE TO COMPOUND
STA: 5+74.21

PROPOSED GRAVEL
TURN-AROUND (10'X35')

PROPOSED 12' GRAVEL
ROAD (329.9LF±)

1 DETAILED SITE PLAN
SCALE: 1"=10'

SUBJECT PROPERTY IS LOCATED IN PANEL
#28089C0415F, DATED 03/17/2010 AND IS
IN THE BASE FLOOD ZONE "X" AND IS IN
NOT A SPECIAL FLOOD HAZARD AREA.

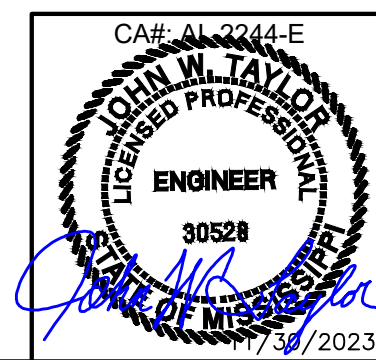


| DESIGNER | ZDS |
|----------|-----|
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| BJB | BJB |

| DATE | DESCRIPTION |
|----------|-----------------------------------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
DETAILED SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



C-3



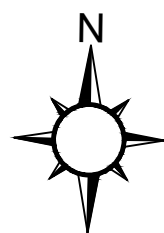
| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT

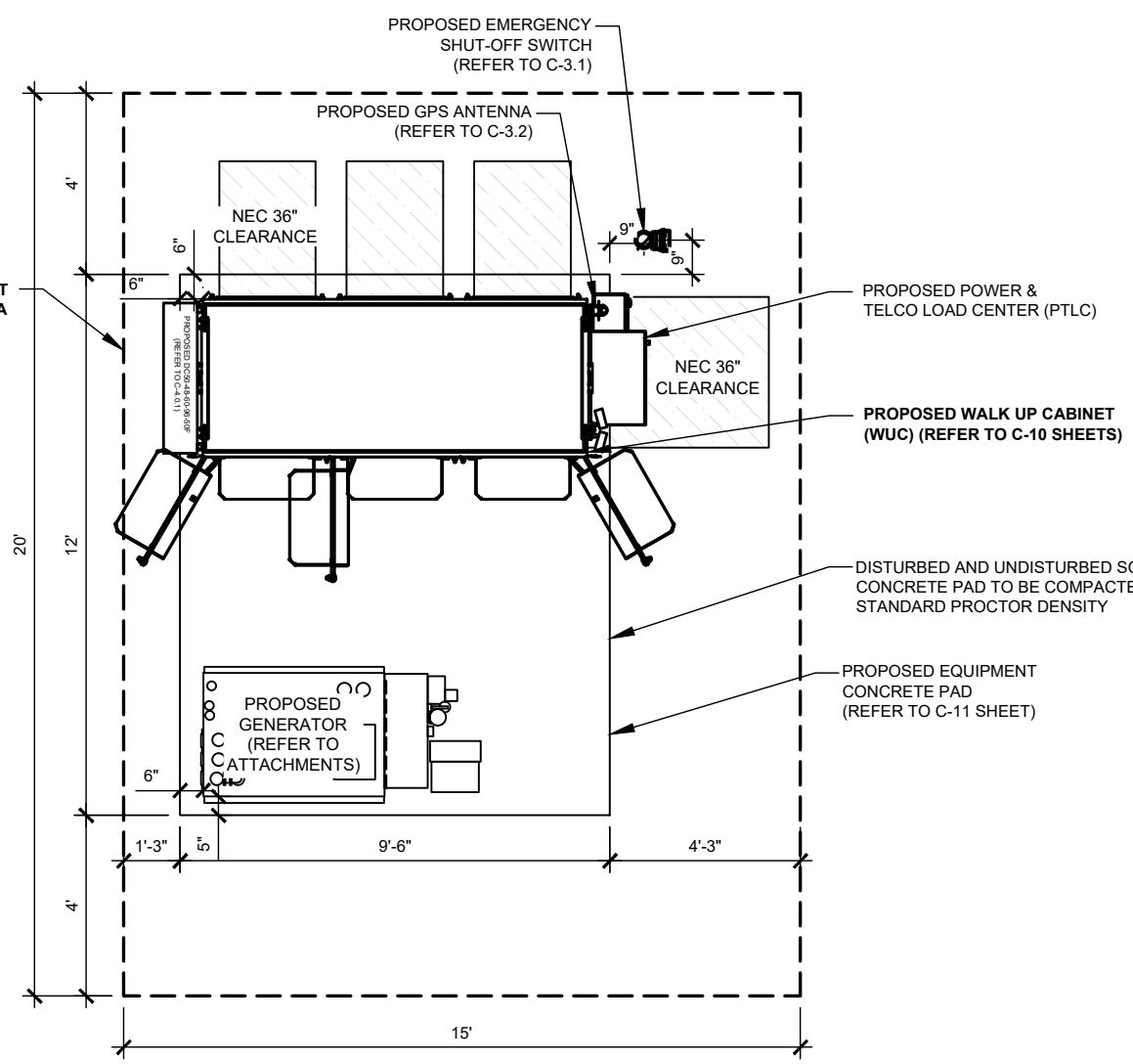
ENLARGED SHELTER PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-3.1 2



PROPOSED AT&T
15'x20' LEASE AREA



1 WALK-UP CABINET (WUC) LAYOUT
SCALE: NOT TO SCALE

BATTERY SPECIFICATIONS:
ENERSYS POWERSAFE SBS-190F BATTERY 12V 190AH FRONT TERM

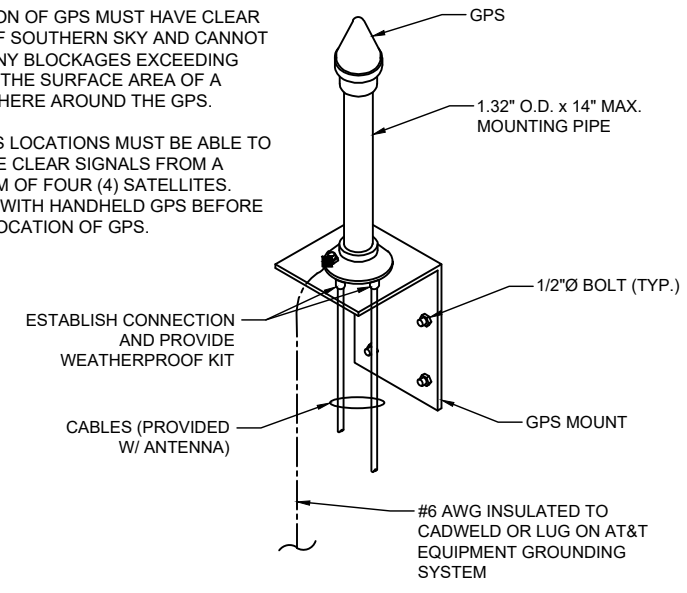
QUANTITY: 12
SKU / OSI ITEM NUMBER: SBS-190F
CHEMISTRY: SEALED LEAD ACID
NOMINAL VOLTAGE: 12V
NOMINAL CAPACITY: 190.0AH
TERMINALS: M6
DIMENSIONS (L X W X H): 22.10 X 4.90 X 12.40
WEIGHT (POUNDS): 132.3

ICE BRIDGE NOTE:

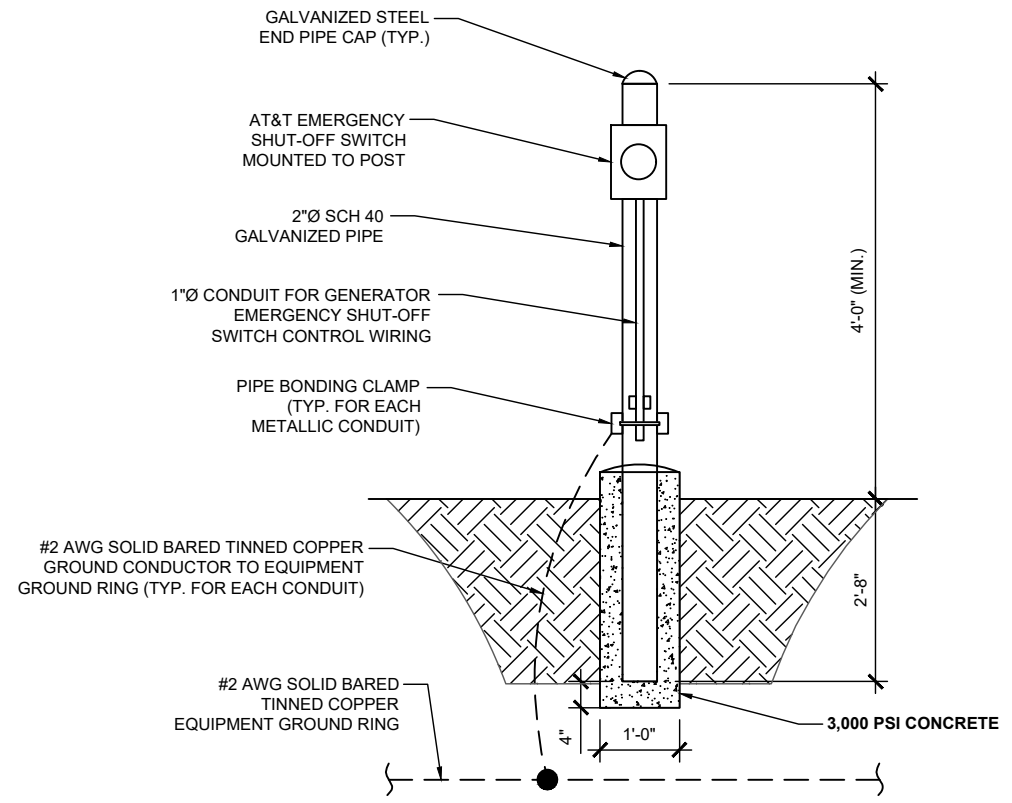
- PRIOR TO CONSTRUCTION FIELD COORDINATE HEIGHT AND ROUTE OF ICE BRIDGE WITH TOWER OWNER
- ALL SUPPORT POSTS MUST BE GROUNDED

NOTES:

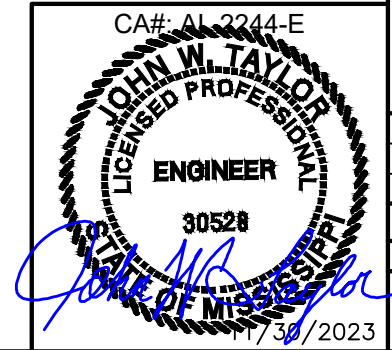
1. LOCATION OF GPS MUST HAVE CLEAR VIEW OF SOUTHERN SKY AND CANNOT HAVE ANY BLOCKAGES EXCEEDING 25% OF THE SURFACE AREA OF A HEMISPHERE AROUND THE GPS.
2. ALL GPS LOCATIONS MUST BE ABLE TO RECEIVE CLEAR SIGNALS FROM A MINIMUM OF FOUR (4) SATELLITES. VERIFY WITH HANDHELD GPS BEFORE FINAL LOCATION OF GPS.



3 GPS ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE

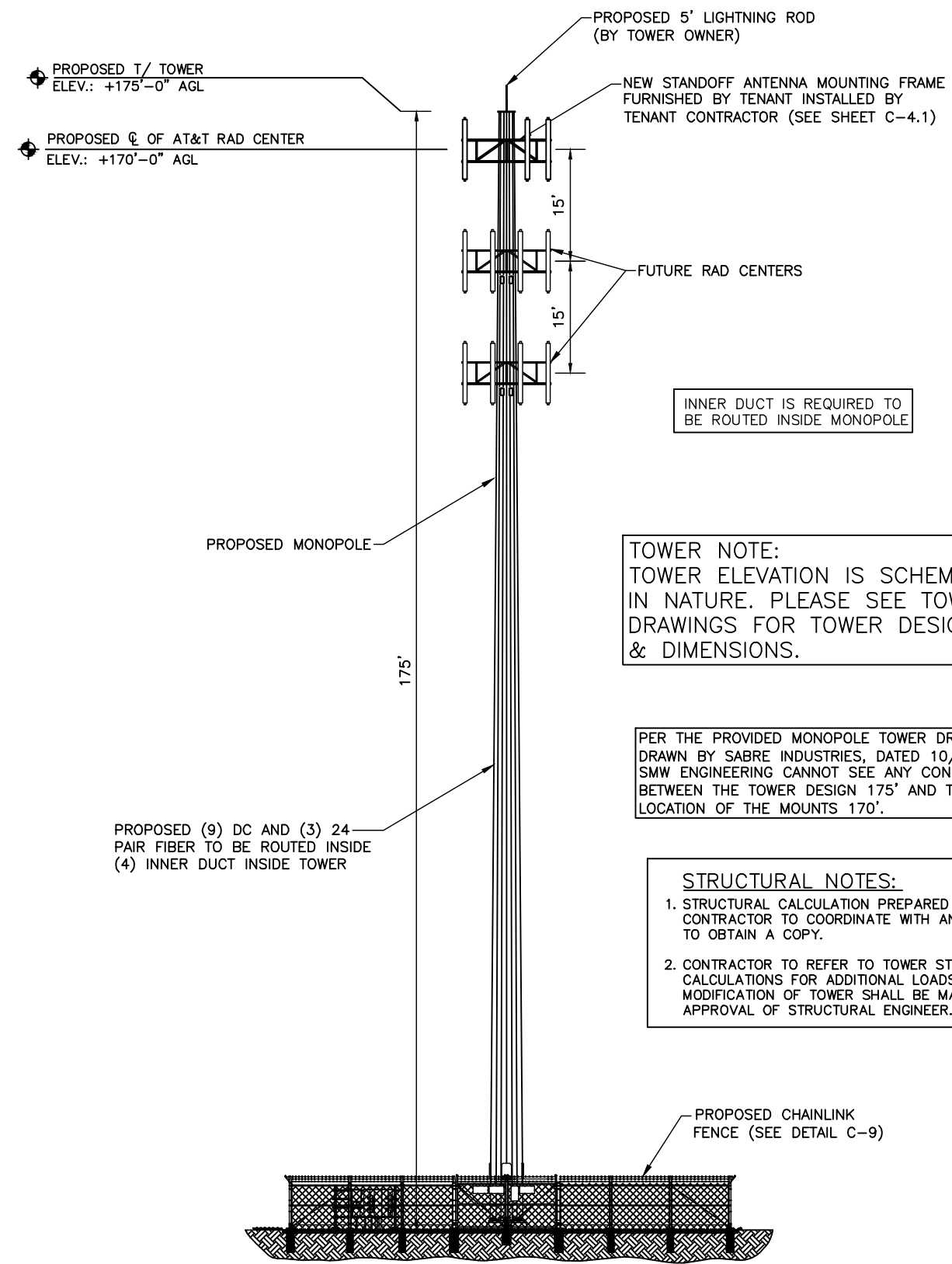


2 EMERGENCY SHUT-OFF SWITCH DETAIL
SCALE: NOT TO SCALE





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



NOTE: SEE SHEET C-4.01 FOR ANTENNA LAYOUT AND NOTES.

INNER DUCT IS REQUIRED TO BE ROUTED INSIDE MONOPOLE

TOWER NOTE:
 TOWER ELEVATION IS SCHEMATIC IN NATURE. PLEASE SEE TOWER DRAWINGS FOR TOWER DESIGN & DIMENSIONS.

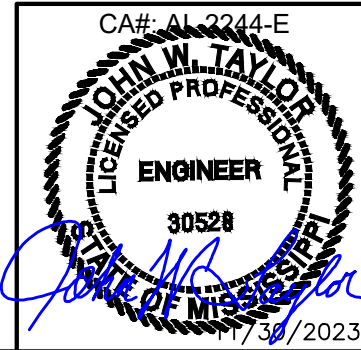
PER THE PROVIDED MONOPOLE TOWER DRAWINGS DRAWN BY SABRE INDUSTRIES, DATED 10/11/2023; SMW ENGINEERING CANNOT SEE ANY CONFLICTS BETWEEN THE TOWER DESIGN 175' AND THE PROPOSED LOCATION OF THE MOUNTS 170'.

STRUCTURAL NOTES:
 1. STRUCTURAL CALCULATION PREPARED BY OTHERS. CONTRACTOR TO COORDINATE WITH ANB REPRESENTATIVE TO OBTAIN A COPY.
 2. CONTRACTOR TO REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

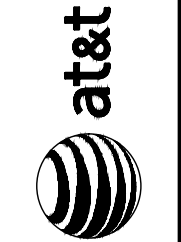
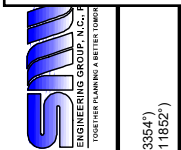
| DATE | DESCRIPTION: | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 TOWER ELEVATION
 AND LIGHTING DETAIL

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



1 TOWER ELEVATION
 C-4 SCALE: 1" = 20'



| | |
|----------|-----|
| DESIGNER | ZDS |
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| BJB | |

| | |
|----------|-----------------------------------|
| DATE | DESCRIPTION |
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
ANTENNA LAYOUT
AND NOTES

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

ANTENNA NOTES:

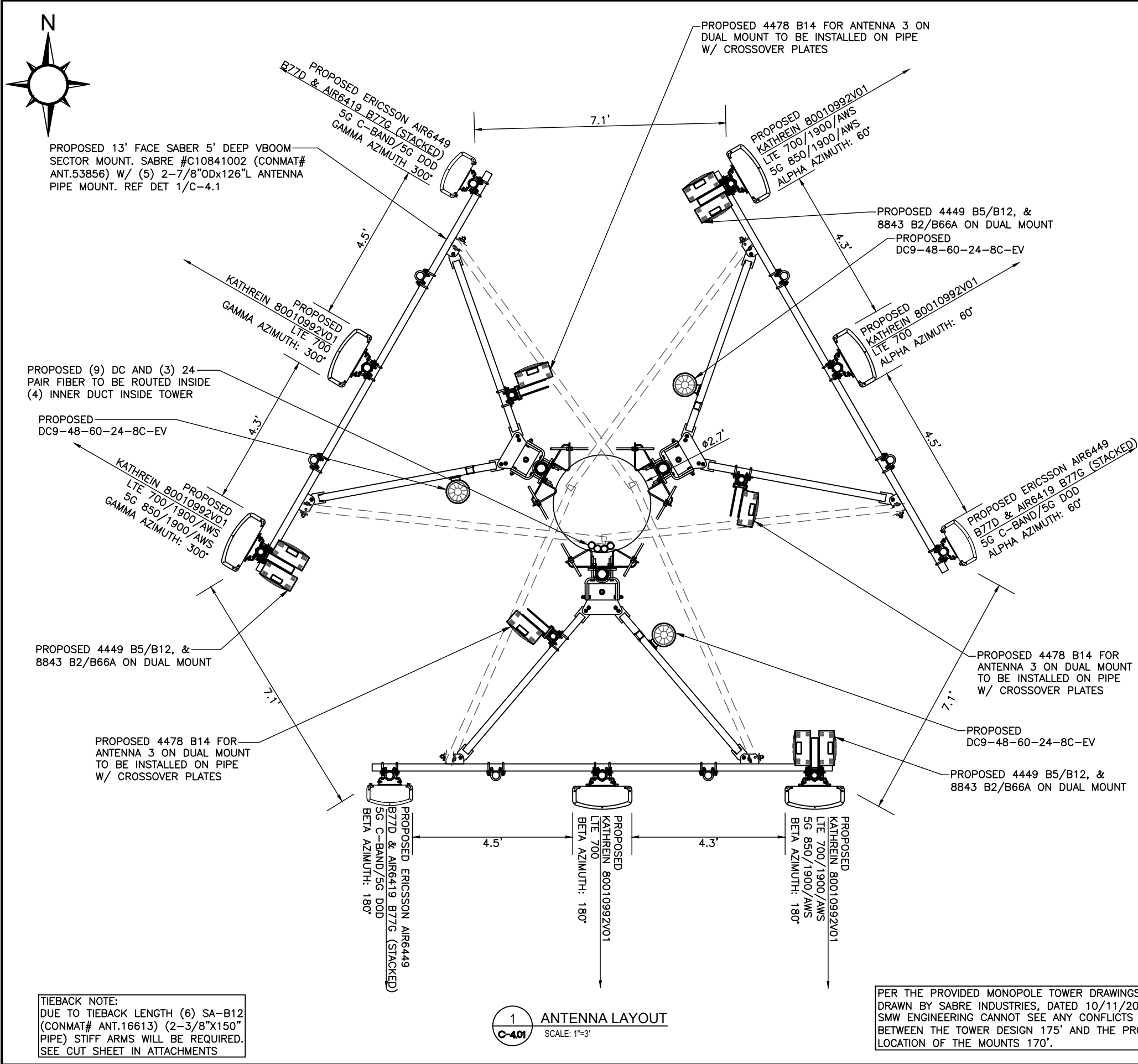
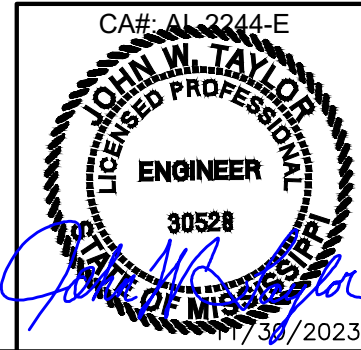
1. **THIS ANTENNA ORIENTATION PLAN IS A SCHEMATIC.** THE CONTRACTOR SHALL VERIFY TOWER ORIENTATION AND FIELD COORDINATE REQUIRED ADJUSTMENTS TO ACHIEVE THE DESIRED ANTENNA AZIMUTHS.
2. PROPOSED JUMPERS NOT SHOWN FOR CLARITY.
3. ANTENNA CENTERLINE HEIGHT BASED ON TOP OF FOOTING ELEVATION.
4. ALL ANTENNAS, CABLES AND MOUNTS SHALL BE INSTALLED IN ACCORDANCE WITH THE TOWER ENGINEER'S RECOMMENDATIONS IN A MANNER CONSISTENT WITH THE STRUCTURAL ANALYSIS REPORT.
5. ALL ANTENNA BRACKETS PER ANTENNA MANUFACTURER, OR EQUAL CONTRACTOR TO COORDINATE REQUIRED MECHANICAL DOWNTILT WITH AT&T.
6. ALL ANTENNA INFORMATION TO BE CONFIRMED WITH AT&T RF DESIGN PRIOR TO INSTALLATION.
7. ALL PROPOSED ANTENNA ELECTRICAL/MECHANICAL DOWNTILTS AS PER RF DATA SHEETS.
8. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC SHALL BE INSTALLED PER TOWER MANUFACTURER'S STANDARD DETAILS.

ANTENNA SEPARATION REQUIREMENTS:
 INSTALLERS TO MAINTAIN:
 1) A 3' SEPARATION BETWEEN ALL ANTENNAS* ON THE SAME MOUNT (* SEE NOTE 3)
 2) A 4' SEPARATION IS TO BE MAINTAIN BETWEEN ANTENNAS ON DIFFERENT SECTOR MOUNTS IF ANTENNAS ARE 700 B/C (B12/B17) AND 700 D/E (B29); THEN A 6' SEPARATION WILL BE REQUIRED FOR THESE ANTENNAS.

ANTENNA LAYOUT DESIGN NOTES:
 1.) THE INITIAL ANTENNA LAYOUT PAGE WAS DESIGNED BEFORE TOWER DRAWINGS WERE RECEIVED BY SMW ENGINEERING. THE WIDTH NOTED ON PLANS ARE ASSUMED.
 2.) ALL ANTENNA LAYOUTS ARE SCHEMATIC IN NATURE.
 3.) SEE SHEET C-3 FOR SITE SPECIFIC TOWER TYPE:
 A. SST DRAWN WITH ASSUMED 5' FACE
 B. GUY TOWER DRAWN WITH ASSUMED 3' FACE
 C. MONOPOLE DRAWN ASSUMED 18" DIAMETER
 4.) FUTURE ANTENNAS SHOWN TO VALIDATE REQUIRED SEPARATION BETWEEN ANTENNAS
 5.) ONCE TOWER DRAWINGS ARE RECEIVED "ASSUMED" WILL BE REMOVED FROM ANTENNA LAYOUT. DO NOT USE CD'S FOR INSTALLATION IF TOWER DRAWINGS HAVE NOT BEEN RECEIVED BY SMW ENGINEERING AND INCORPORATED INTO DRAWINGS.
 6.) SEE TOWER NOTE ON THIS PAGE AND FRONT COVER TO VERIFY IF TOWER DRAWINGS ARE INCORPORATED INTO PLANS.

ALL 2-7/8" OD ANTENNA PIPES ARE TO BE 126" LONG (10'-6" LONG). (COMMSCOPE MT-546-126 (ANT.16873) OR AT&T APPROVED EQUAL PER LATEST CONMAT LIST) (5) PIPES PER SECTOR MOUNT

5 ANTENNA MOUNT NOTE:
 1) THIS SCHEMATIC IS SHOWN WITH 5 ANTENNA MOUNTS, PER AT&T'S LATEST RFDS.
 2) ALL 700 MHZ ANTENNA AND RADIOS SHALL MAINTAIN A 3' OR 6' SEPARATION, AT ALL TIMES, AS DIRECTED BY AT&T.
 3) FINAL CONFIGURATION SHALL BE MADE BY CONTRACTORS IN FIELD, PER AT&T GUIDELINES.



PROPOSED 13' FACE SABER 5' DEEP VBOOM SECTOR MOUNT. SABRE #C10841002 (CONMAT# ANT.53856) W/ (5) 2-7/8"ODx126"L ANTENNA PIPE MOUNT. REF DET 1/C-4.1

PROPOSED (9) DC AND (3) 24 PAIR FIBER TO BE ROUTED INSIDE (4) INNER DUCT INSIDE TOWER

PROPOSED DC9-48-60-24-8C-EV

PROPOSED 4449 B5/B12, & 8843 B2/B66A ON DUAL MOUNT

PROPOSED 4478 B14 FOR ANTENNA 3 ON DUAL MOUNT TO BE INSTALLED ON PIPE W/ CROSSOVER PLATES

TIEBACK NOTE:
 DUE TO TIEBACK LENGTH (6) SA-B12 (CONMAT# ANT.16613) (2-3/8"x150" PIPE) STIFF ARMS WILL BE REQUIRED. SEE CUT SHEET IN ATTACHMENTS

1 ANTENNA LAYOUT
 SCALE: 1"=3'

PER THE PROVIDED MONOPOLE TOWER DRAWINGS DRAWN BY SABRE INDUSTRIES, DATED 10/11/2023; SMW ENGINEERING CANNOT SEE ANY CONFLICTS BETWEEN THE TOWER DESIGN 175' AND THE PROPOSED LOCATION OF THE MOUNTS 170'.

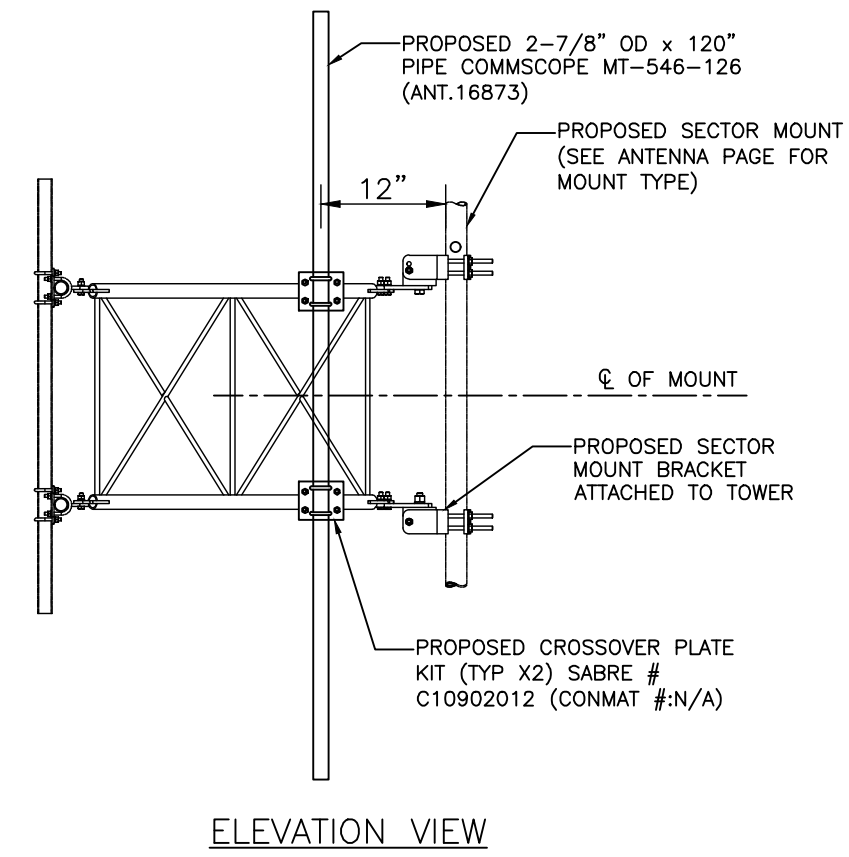
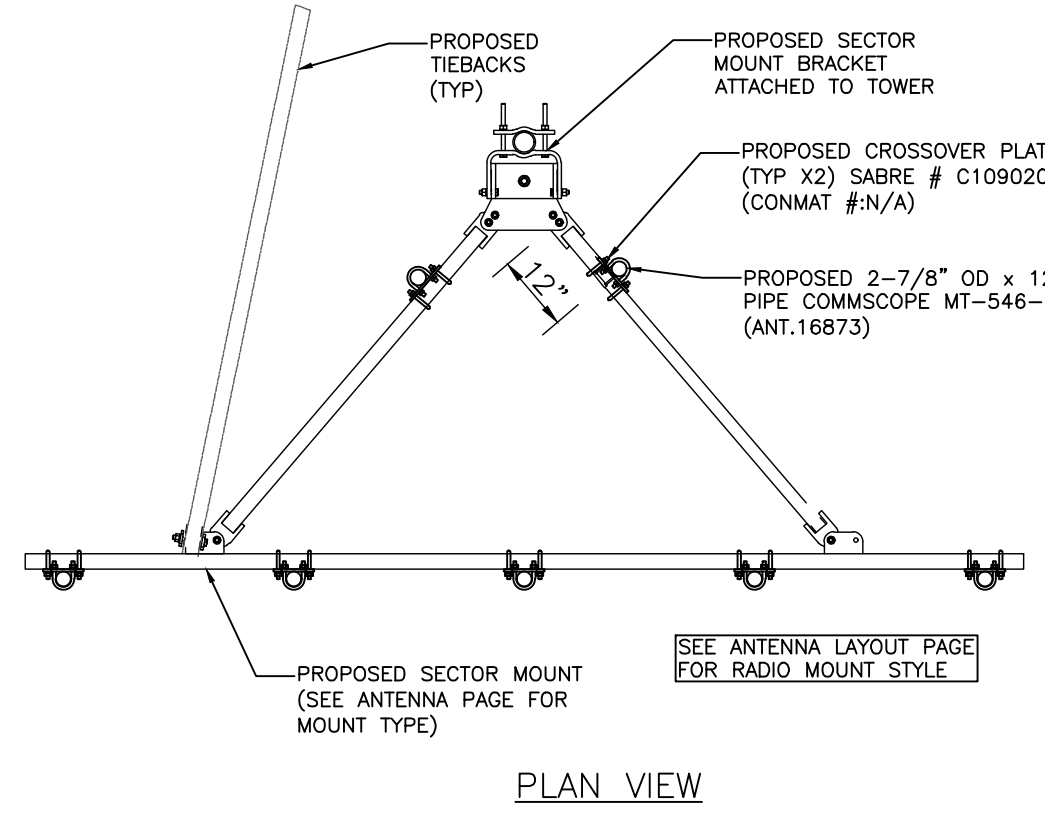


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| ITEM | QTY | PART NO. | DESCRIPTION | WEIGHT |
|--------------|-----|----------|--------------------------------------|--------|
| 1 | 1 | C03318 | CROSSOVER PLATE | 4 |
| 2 | 2 | C4034139 | U-BOLT ASSEMBLY, 1/2" X 2 15/16" C-C | 2 |
| 3 | 2 | C4034140 | U-BOLT ASSEMBLY, 1/2" X 3 7/16" C-C | 2 |
| TOTAL WEIGHT | | | | 8 |

| UNLESS OTHERWISE SPECIFIED | MATERIAL |
|---|---|
| ALL DIMENSIONS UNLESS INDICATED ARE IN INCHES | |
| TOLERANCES FRACTIONS < 1/16" | TOLERANCES DO NOT APPLY TO RAW MATERIAL |
| FRACTIONS > 1/16" | |
| DECIMALS < .010" | |
| DECIMALS > .010" | |

| DATE | BY | DESCRIPTION | SCALE | PAGE |
|----------|-----|-----------------------------------|-------|------|
| 06/29/15 | KLE | ISSUED FOR ZONING | B | 0 |
| 08/15/23 | JWT | REVISED PER CONCRETE PAD | | |
| 11/16/23 | JWT | REVISED PER TOWER DRAWINGS & RFDS | | |
| 11/30/23 | BJB | REVISED PER JRX COMMENTS | | |



DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

CA#: AL 2244-E

11/30/2023

1 CROSSOVER DETAIL FOR RADIOS
 C-402 SCALE: NOT TO SCALE

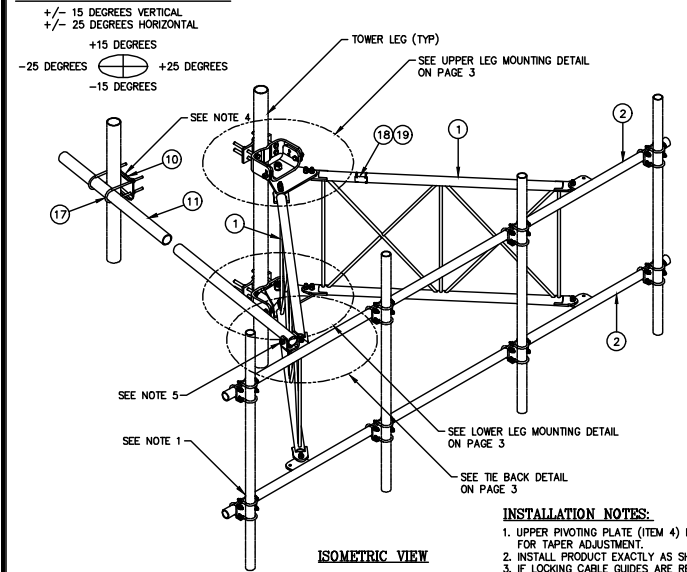
MOUNT SHOWN IS TO HELP LOCATE WHERE THE CROSSOVER PLATES AND PIPE ARE TO BE INSTALLED ON THE MOUNT. FOR MOUNT TYPE AND TIEBACK NUMBERS AND TIEBACK LOCATION, SEE CALLOUTS ON THE ANTENNA LAYOUT PAGE.

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 CROSSOVER PIPE DETAIL

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-4.02 |
| REV.: | ? |

TIEBACK ANGLE RANGE DETAIL



| ITEM | QTY. | PART NO. | DESCRIPTION | WEIGHT |
|--------------|------|-----------|--|--------|
| 1. | 2 | CW01556 | WELDMENT, STANDOFF ARM | 192 |
| 2. | 2 | CW01223 | WELDMENT, FACE PIPE | 147 |
| 3. | 2 | CS03519 | PLATE, ROTATING | 35 |
| 4. | 1 | CS03110 | PLATE, PIVOTING (UPPER) | 16 |
| 5. | 1 | CS03111 | PLATE, LEG CLAMP (UPPER) | 17 |
| 6. | 1 | CS03112 | PLATE, PIVOTING (LOWER) | 14 |
| 7. | 1 | CS03113 | PLATE, LEG CLAMP (LOWER) | 17 |
| 8. | 2 | CS03114 | PLATE, LEG CLAMP (BACK) | 14 |
| 9. | 1 | CS00096 | PLATE, TIEBACK SWIVEL | 3 |
| 10. | 1 | CS03518 | PLATE, TIEBACK CLAMP | 5 |
| 11. | 1 | CS00249 | PIPE, TIEBACK 2 7/8" O.D. X 0.203 X 15'-6" | 83 |
| 12. | 2 | C40026073 | BOLT ASSEMBLY, 1/2" X 3 A325 | 4 |
| 13. | 8 | C40140004 | BOLT ASSEMBLY, 5/8" X 8 A307 | 13 |
| 14. | 1 | C40026035 | BOLT ASSEMBLY, 5/8" X 5 A325 | 1 |
| 15. | 12 | C40026025 | BOLT ASSEMBLY, 5/8" X 2 1/2 A325 | 6 |
| 16. | 5 | C40026024 | BOLT ASSEMBLY, 5/8" X 2 1/4 A325 | 3 |
| 17. | 2 | C40034201 | U-BOLT ASSEMBLY, 1/2" X 3 7/16 C-C | 3 |
| 18. | 1 | Z30992044 | MOUNT CLASSIFICATION TAG C10841001C/C10841002C | 1 |
| 19. | 2 | C40062103 | STAINLESS STEEL SELF-LOCKING CABLE TIE | 1 |
| TOTAL WEIGHT | | | | 585 |

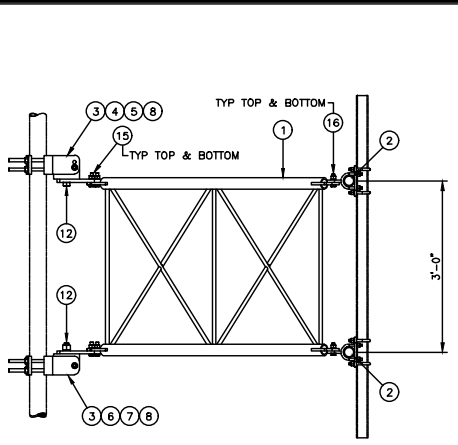
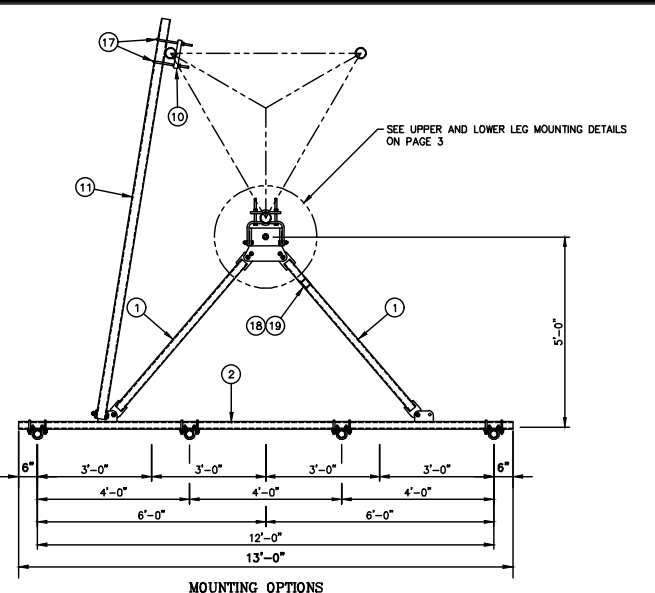
PACKAGING NOTE
 CK00426-INCLUDES ITEM 1
 CK00427-STL INCLUDES ITEMS 2 & 11
 CK00427-HDW INCLUDES ITEMS 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18 & 19.

INSTALLATION NOTES:
 1. UPPER PIVOTING PLATE (ITEM 4) HAS THREE HOLES ON EACH SIDE AND UPPER LEG CLAMP PLATE (ITEM 5) HAS TWO HOLES ON EACH SIDE FOR TAPER ADJUSTMENT.
 2. INSTALL PRODUCT EXACTLY AS SHOWN IN DRAWING, WITH ALL BOLTS FACING UPWARDS.
 3. IF LOCKING CABLE GUIDES ARE REQUIRED THEY MUST BE PURCHASED SEPARATELY (SEE PAGE 4).

NOTES:
 1. MOUNTING PIPES & CROSSOVER PLATE KITS MUST BE PURCHASED SEPARATELY.
 2. QUANTITIES SHOWN IN LISTS OF MATERIAL ARE FOR ONE (1) V-BOOM ONLY.
 3. THIS V-BOOM WILL MOUNT TO THE FOLLOWING: 1 1/2" TO 5 9/16" ROUND LEG.
 4. TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED ABOVE IN THE TIEBACK ANGLE RANGE DETAIL, UNLESS APPROVED BY THE ENGINEER OF RECORD.
 5. THE TIEBACK IS SHOWN IN THIS POSITION AS A DEFAULT. THIS TIEBACK CAN BE CONNECTED AT ANY (1) OF THE (4) POSITIONS ON THE TABS ON THE FACE PIPE.

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
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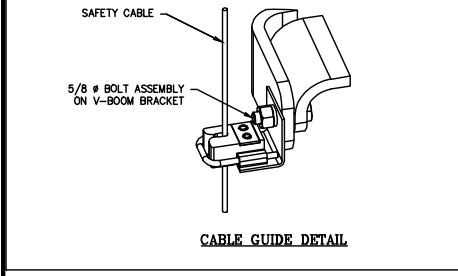
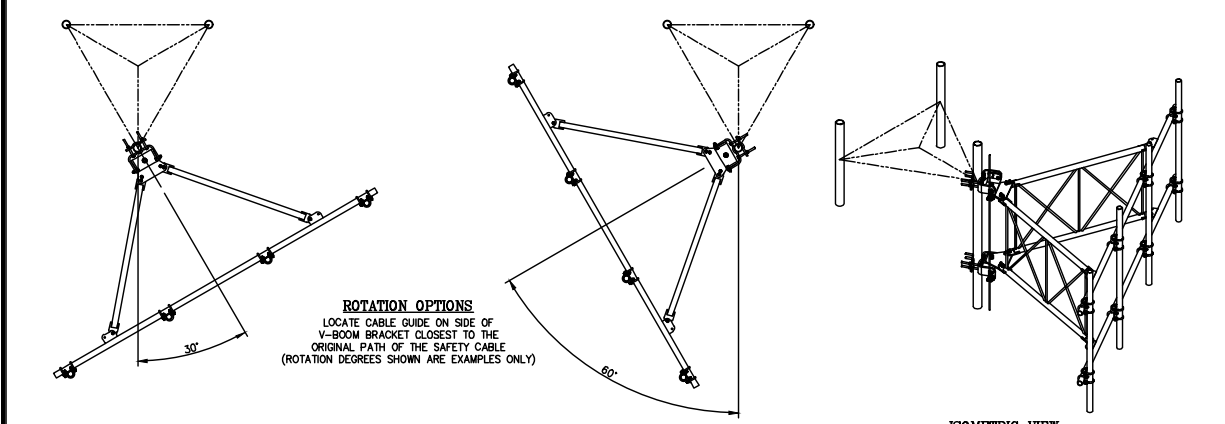
| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 06/07/21 | WRF | EX | None | 1 OF 4 |



| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
| | | | | |
| | | | | |
| | | | | |
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| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 06/07/21 | WRF | EX | None | 2 OF 4 |

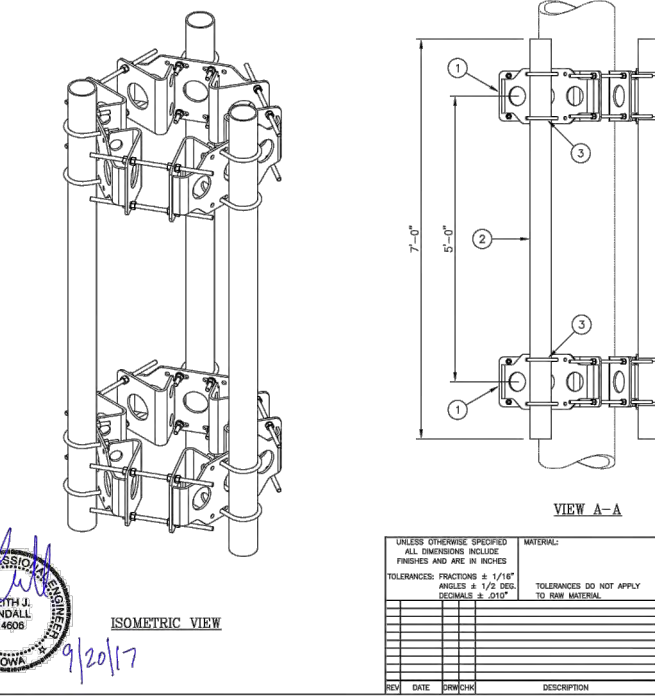
OPTIONAL LOCKING CABLE GUIDE
 IF REQUIRED PLEASE ORDER PART NUMBER C30017022. THIS KIT WILL COME WITH (2) LOCKING CABLE GUIDES FOR TOP & BOTTOM V-BOOM BRACKETS.



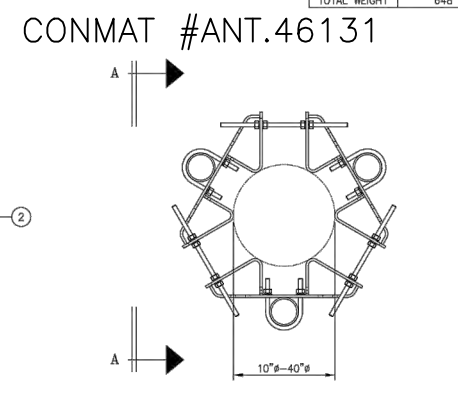
| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
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| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 06/07/21 | WRF | EX | None | 4 OF 4 |

NOTE:
 SEE DRAWING C10112300 FOR INSTALLATION OF TRI-COLLAR BRACKET ASSEMBLY



4 1/2" O.D. PIPE MOUNT ASSEMBLY



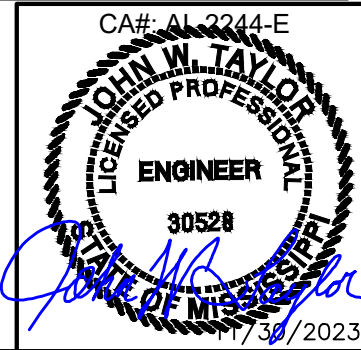
This mount satisfies the requirements as specified in AT&T RFP No. 20160225.002.P for Antenna Sector Mounts as a Three Sector Mount on monopoles when used with the following sector mounts:
 (3) Sabre C10737001C - AT&T Heavy-5
 (3) Sabre C10857001C - AT&T Heavy-10
 (3) Sabre C10857007C - AT&T Heavy-WLL

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
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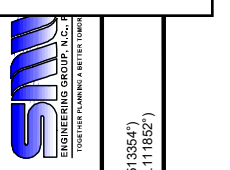
KEITH J. TINDALL
 14808
 9/20/17

ALL 2-7/8" OD ANTENNA PIPES ARE TO BE 126" LONG (10'-6" LONG). (COMMScope MT-546-126 (ANT.16873) OR AT&T APPROVED EQUAL PER LATEST CONMAT LIST) (5) ANTENNA PIPES PER SECTOR MOUNT.

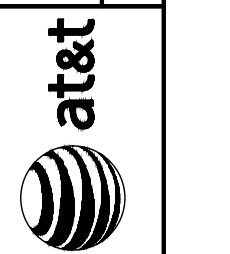
DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.



Section 10, Item B)



FORESITE SERVICES, LLC
 SITE COORDINATES:
 N 32° 30' 48.075" (32.513354°)
 W 90° 06' 42.669" (90.111852°)



| DESIGNER | ZDS | AMJ | AMJ | AMJ | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
SECTOR MOUNT DETAIL
MONOPOLE TOWERS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-4.1 | 2 |



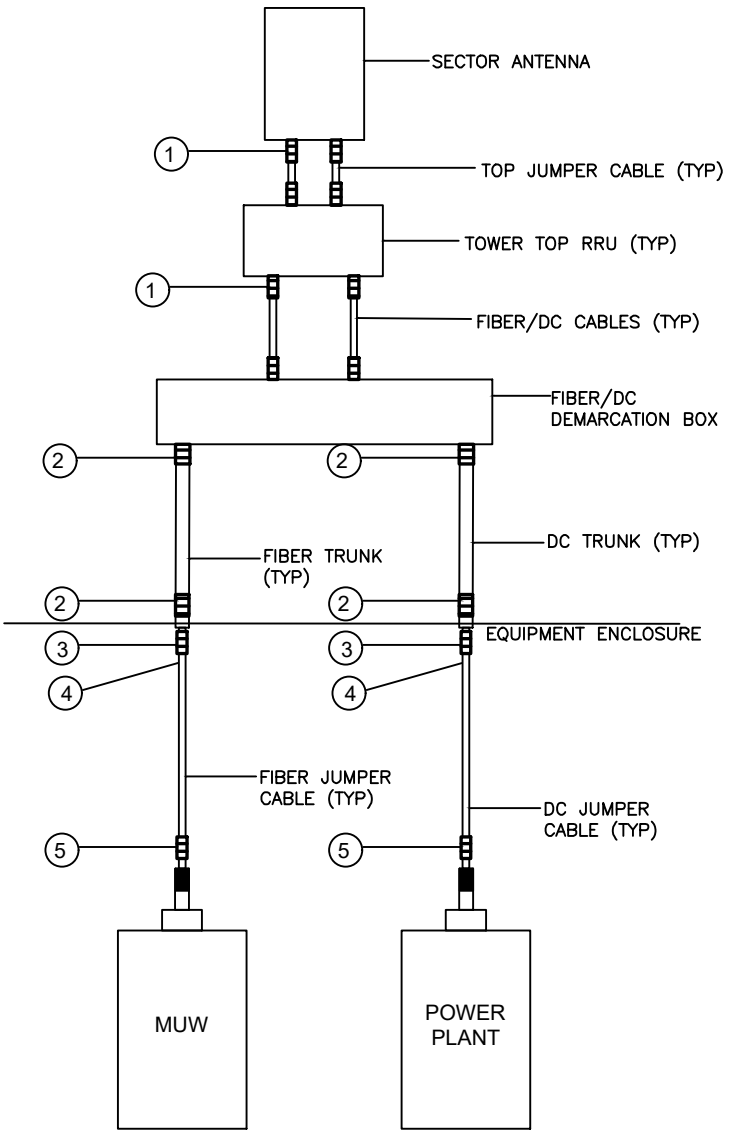
| DESIGNER | ZDS |
|-------------|-----------------------------------|
| DATE | 01/26/23 |
| DESCRIPTION | ISSUED FOR CLIENT REVIEW |
| DATE | 07/24/23 |
| DESCRIPTION | ISSUED FOR ZONING |
| DATE | 08/15/23 |
| DESCRIPTION | REVISED PER CONCRETE PAD |
| DATE | 11/16/23 |
| DESCRIPTION | REVISED PER TOWER DRAWINGS & RFDS |
| DATE | 11/30/23 |
| DESCRIPTION | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
RF PLUMBING RISER

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-4.2 |
| REV.: | ? |

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)

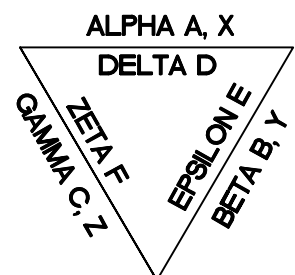
- NOTES:**
- SECTOR ORIENTATION/AZIMUTH WILL VARY FROM REGION AND IS SITE SPECIFIC. REFER TO THE RF REPORT FOR EACH SITE TO DETERMINE THE ANTENNA LOCATION AND FUNCTION OF EACH TOWER SECTOR FACE.
 - THE STANDARD IS BASED ON EIGHT COLORED TAPES—RED, BLUE, GREEN, YELLOW, ORANGE, BROWN, WHITE AND SLATE (GREY). THESE TAPES SHOULD BE READILY AVAILABLE TO THE ELECTRICIAN OR CONTRACTOR ON SITE.
 - USING COLOR BANDS ON THE CABLES, MARK ALL RF CABLE BY SECTOR AND CABLE NUMBER AS SHOWN ON "CABLE MARKING COLOR CONVENTION TABLE".
 - ALL COLOR CODE TAPE SHALL BE 3M-35 AND SHALL BE INSTALLED USING A MINIMUM OF (3) WRAPS OF TAPE AND SHALL BE NEATLY TRIMMED AND SMOOTHED OUT SO AS TO AVOID UNRAVELING.
 - ALL COLOR BANDS INSTALLED AT THE TOWER TOP SHALL BE A MINIMUM OF 3" WIDE AND SHALL HAVE A MINIMUM OF 3/4" OF SPACING BETWEEN EACH COLOR.
 - ALL COLOR BANDS INSTALLED AT OR NEAR THE GROUND SHALL BE A MINIMUM OF 3/4" WIDE.
 - ALL COLOR CODES SHALL BE INSTALLED SO AS TO ALIGN NEATLY WITH ONE ANOTHER FROM SIDE-TO-SIDE.



FIBER/DC CABLE MARKING LOCATIONS DIAGRAM

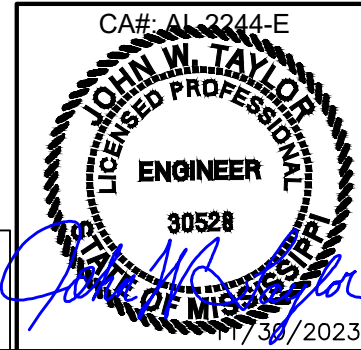
NOTES:

- CONTRACTOR SHALL FILL OUT THE CABLE PORT DIAGRAM UPON COAX INSTALLATION. CABLE PORT DIAGRAM WILL BE AFFIXED TO THE INTERIOR ENCLOSURE WALL NEAR THE CABLE ENTRY PORT TO AID IN CABLE IDENTIFICATION. THE CHART IS INTENDED TO BE USED TO RECORD THE LINE AND CORRESPONDING ANTENNA POSITION ON THE TOWER AT THE TIME OF INSTALLATION.
- ONE COMPLETED COPY PLUS TWO BLANK COPIES OF THE CHART SHOULD BE POSTED IN THE ENCLOSURE IN A PROTECTIVE SLEEVE.

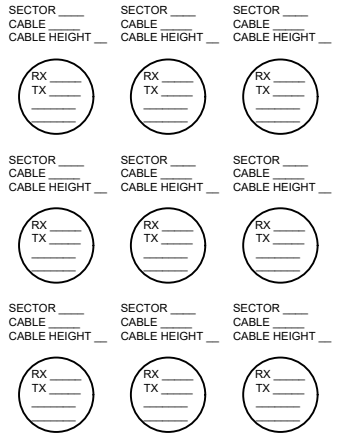


TOWER PLAN VIEW

SYSTEM DETAILS AND DIAGRAMS PROVIDED BY AT&T



CABLE PORT DIAGRAM
CAUTION: HARMFUL RF ENERGY EXISTS ON THESE LINES



ALL RF CABLE SHALL BE MARKED PER CABLE MARKING LOCATIONS TABLE BELOW:

| CABLE MARKING LOCATIONS TABLE | | | |
|-------------------------------|------|-----|--|
| NO. | TAPE | TAG | LOCATIONS |
| 1. | X | | EACH TOP-JUMPER/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS. |
| 2. | X | | EACH MAIN COAX/CABLE TRUNK SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS NEAR THE TOP-JUMPER CONNECTION AND WITH (1) SET OF 3/4" WIDE COLOR BANDS JUST PRIOR TO ENTERING THE BTS OR TRANSMITTER BUILDING. |
| 3. | | X | COAX/CABLE ENTRY PORT ON THE INTERIOR OF THE ENCLOSURE. |
| 4. | X | | ALL BOTTOM JUMPERS/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPERS. |
| 5. | * | * | ALL BOTTOM JUMPERS/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPER. |

(* - DENOTED TAG OR TAP.)

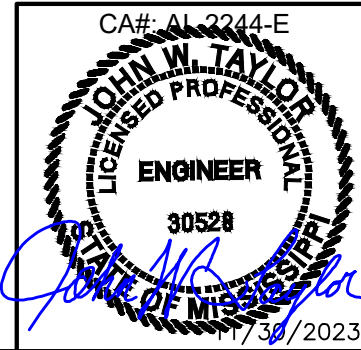
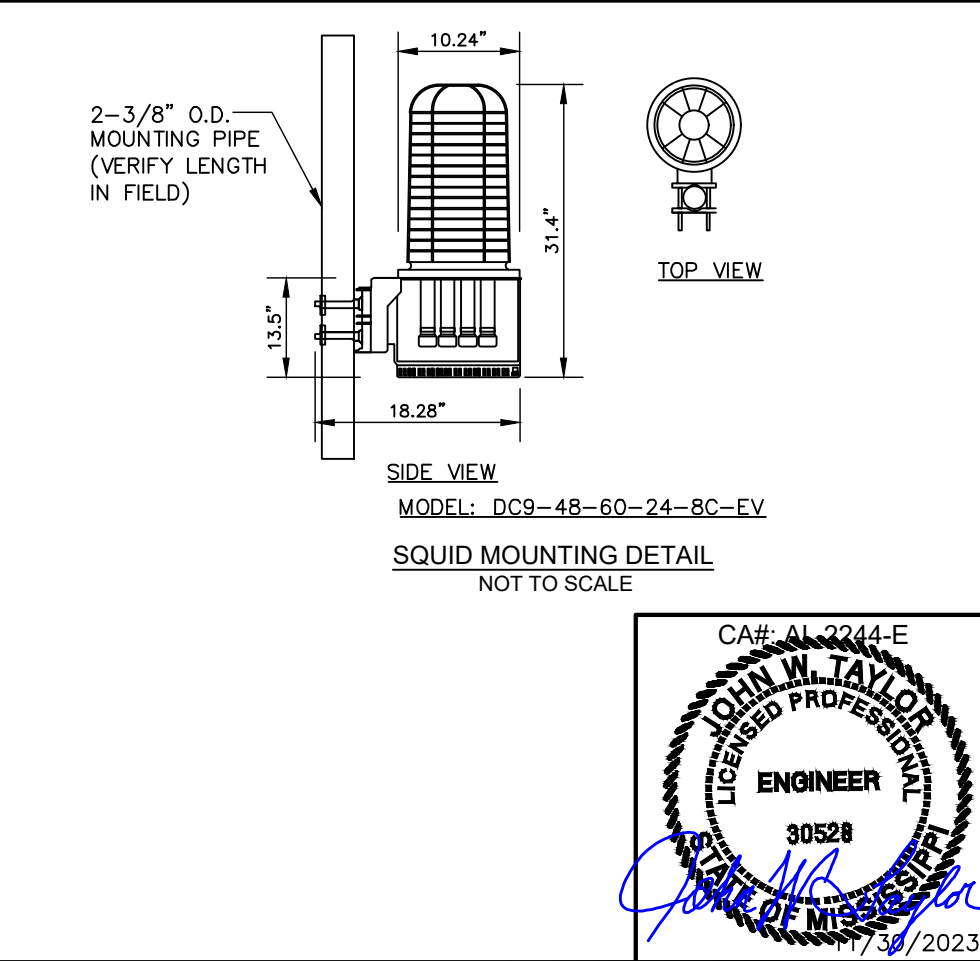
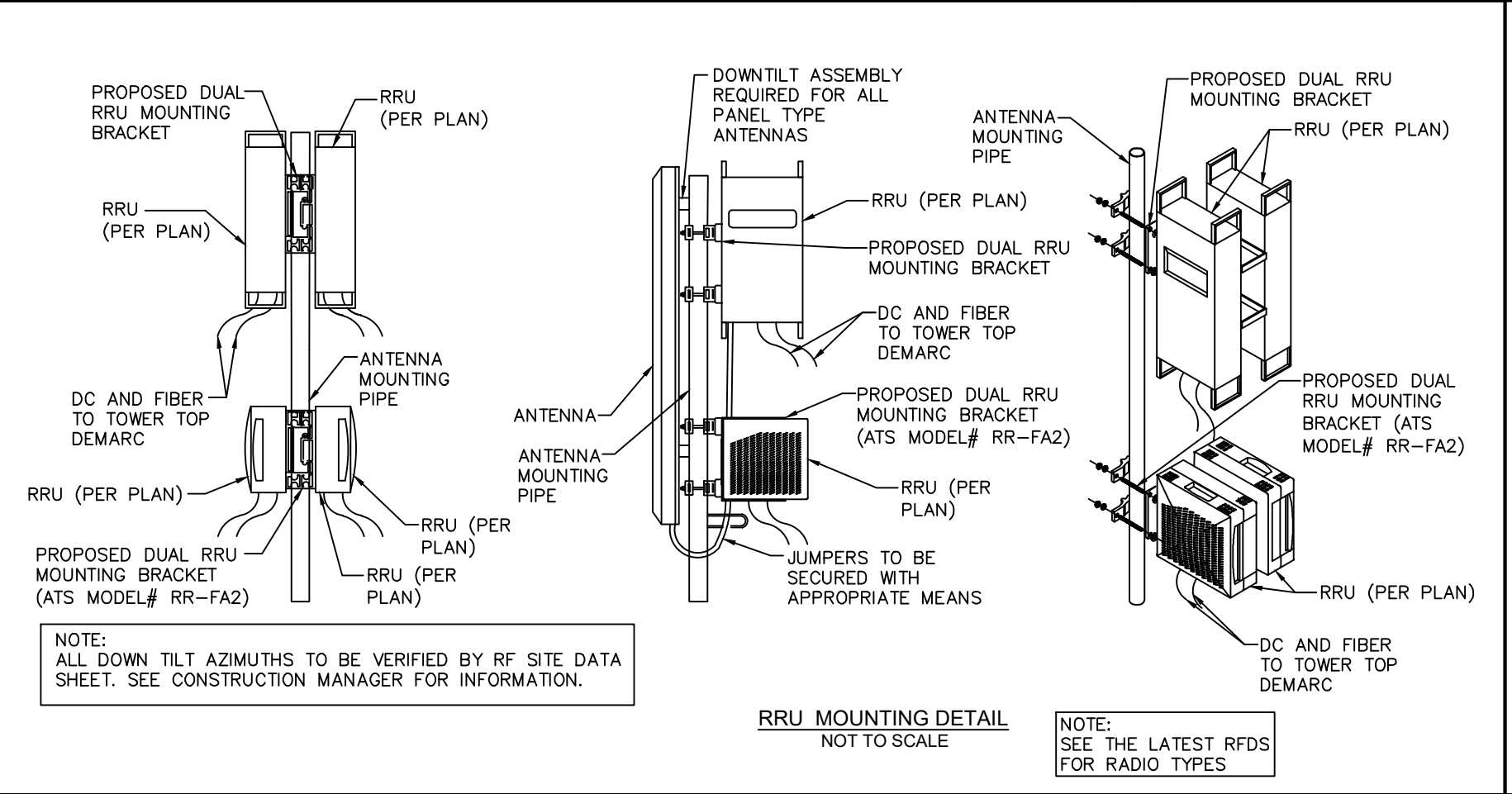
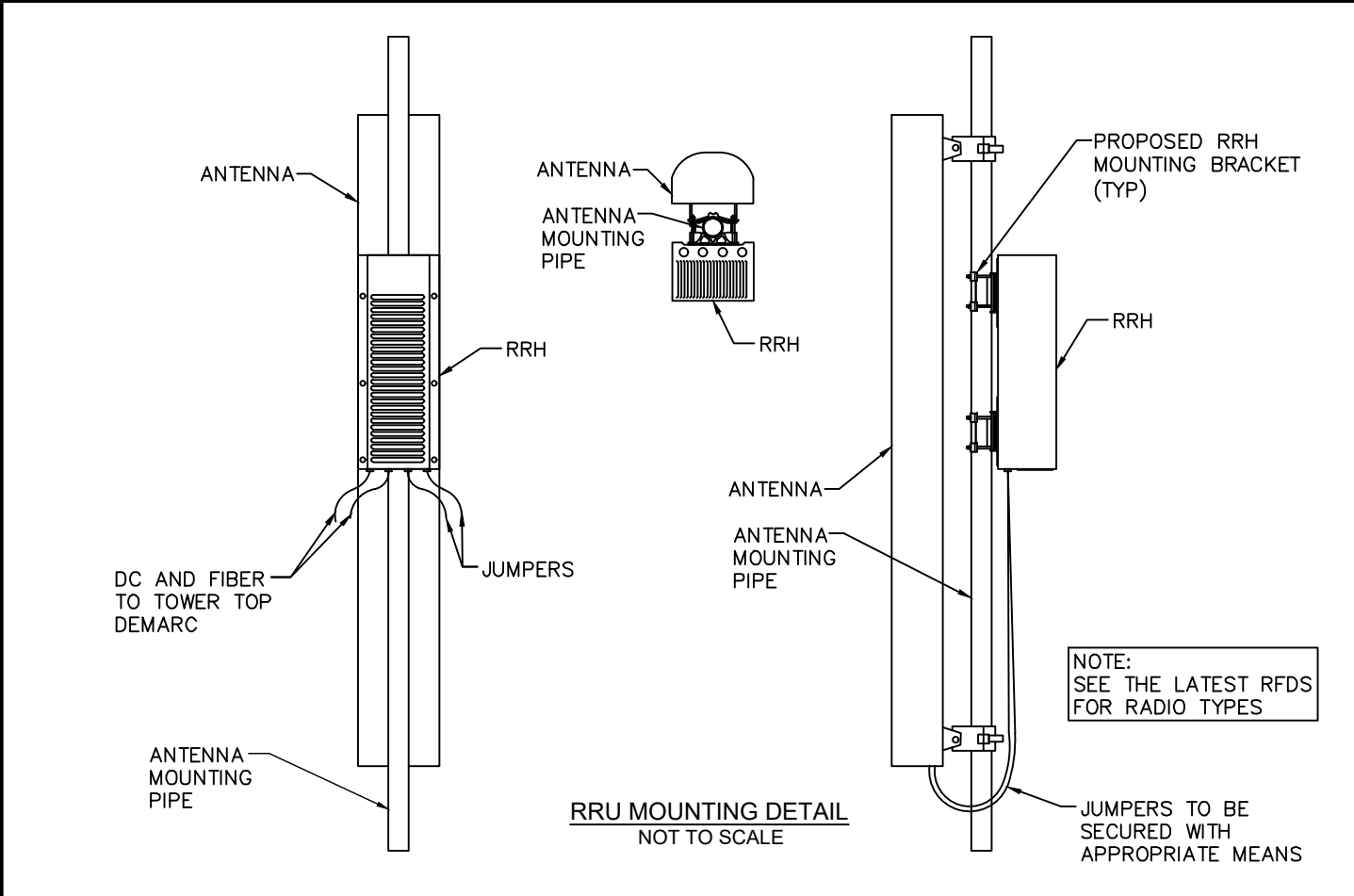
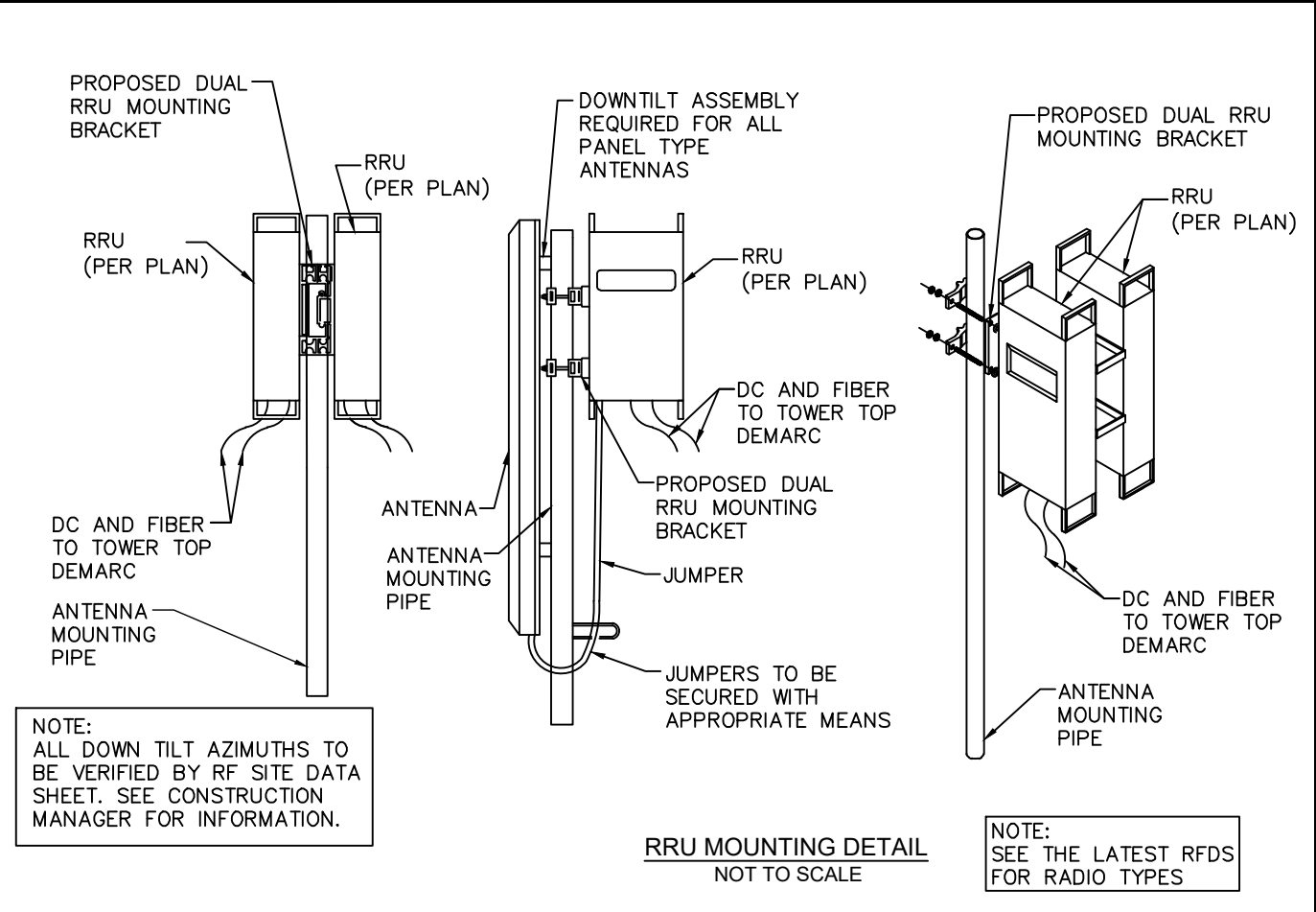


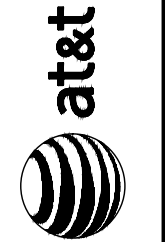
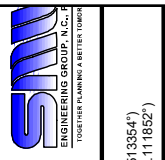
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|-----------------------------------|-----|-----|-----|-----|-----|
| ISSUED FOR CLIENT REVIEW | | | | | |
| ISSUED FOR ZONING | | | | | |
| REVISED PER CONCRETE PAD | | | | | |
| REVISED PER TOWER DRAWINGS & RFDS | | | | | |
| REVISED PER JRX COMMENTS | | | | | |

SOUTH GLUCKSTADT
RRUS AND SQUID
MOUNTING DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |





| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|----------|-----|-----|-----|-----|-----|
| | | | | | |

| DATE | DESCRIPTION |
|----------|-----------------------------------|
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| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

**SOUTH GLUCKSTADT
GRADING, SEDIMENT &
EROSION CONTROL PLAN**

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-5 2

- (Co)** CONSTRUCTION EXIT - TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- (Sdl)** TYPE C SEDIMENT BARRIER - TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) - TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) - TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- Du** DISTURBED AREA DUST CONTROL - TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.

PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

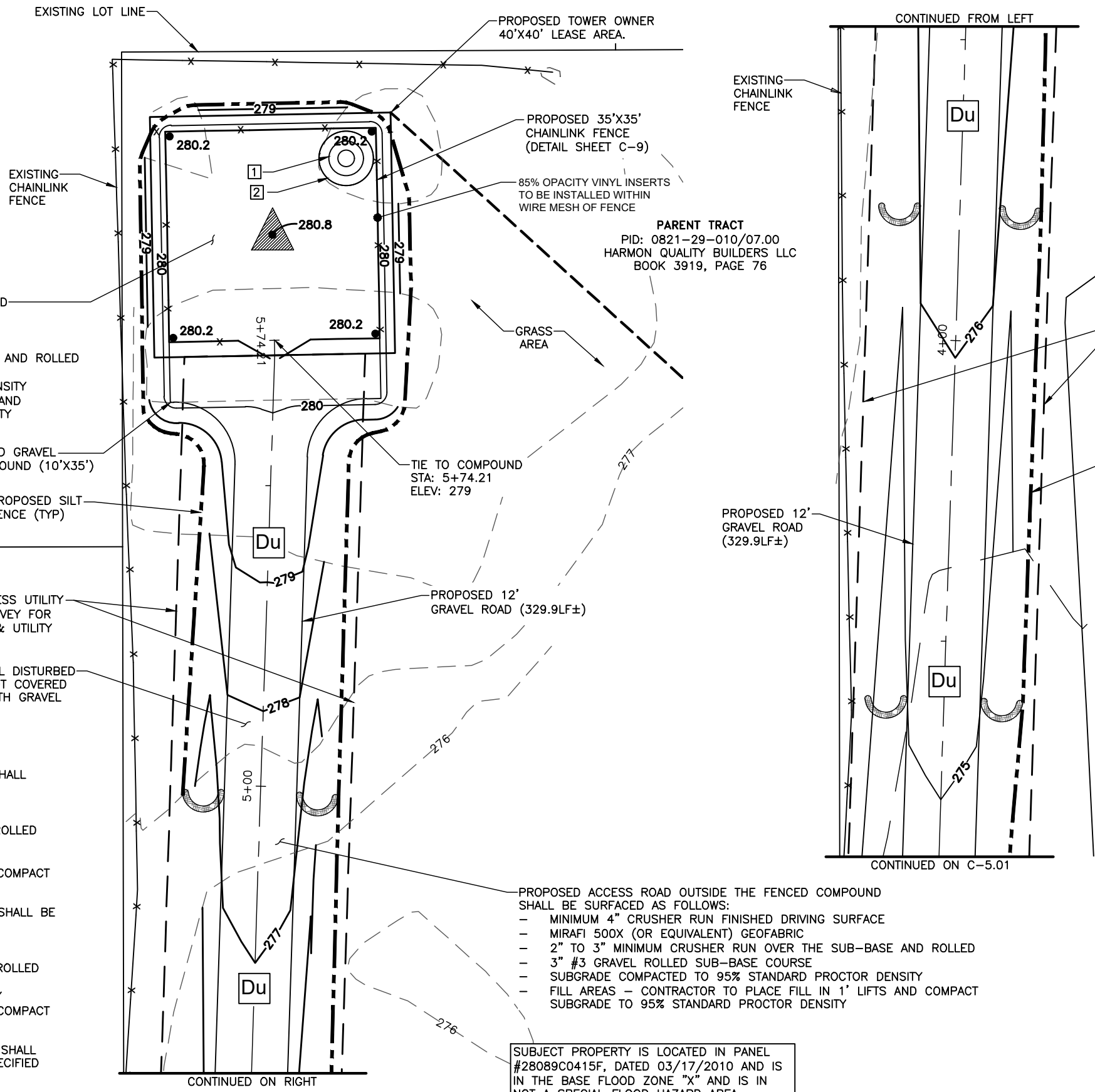
- TOWER NOTES:**
- 1** PROPOSED 175' MONOPOLE TOWER PROPOSED AT&T RAD CENTER 170'
 - 2** PROPOSED TOWER FOOTPRINT BASED ON TOWER DRAWINGS BY SABRE INDUSTRIES DATED 10/11/2023

THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

THE PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
 - MIRAFI 500X (OR EQUIVALENT)
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

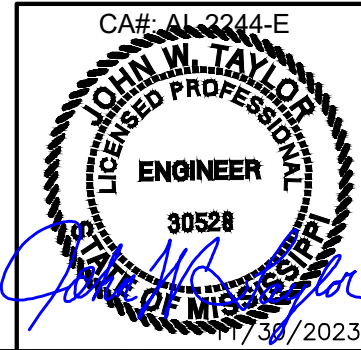
ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING SHALL BE COMPACTED 95% MINIMUM STANDARD PROCTOR DENSITY AS SPECIFIED BY ASTM D698 AND AASHTO T-99.

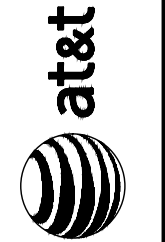
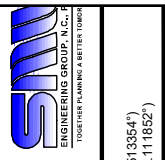
THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER



1 GRADING SITE PLAN
SCALE: 1"=20'

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.





| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|----------|-----|-----|-----|-----|-----|
|----------|-----|-----|-----|-----|-----|

| DATE | DESCRIPTION |
|----------|-----------------------------------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

**SOUTH GLUCKSTADT
GRADING, SEDIMENT &
EROSION CONTROL PLAN**

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-5.01 2

- Co** CONSTRUCTION EXIT – TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sdl** TYPE C SEDIMENT BARRIER – TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) – TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) – TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- Du** DISTURBED AREA DUST CONTROL – TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.

Sdl PROPOSED SILT FENCE (TYP)

PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- MINIMUM 4" CRUSHER RUN FINISHED DRIVING SURFACE
- MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
- 3" #3 GRAVEL ROLLED SUB-BASE COURSE
- SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

PROPOSED 30' ACCESS UTILITY EASEMENT (SEE SURVEY FOR COMPLETE ACCESS & UTILITY EASEMENT)

THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
- MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
- 3" #3 GRAVEL ROLLED SUB-BASE COURSE
- SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

THE PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
- MIRAFI 500X (OR EQUIVALENT)
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
- 3" #3 GRAVEL ROLLED SUB BASE COURSE
- SUBGRADED COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

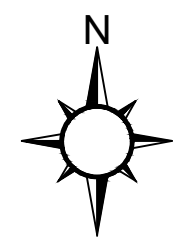
ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING SHALL BE COMPACTED 95% MINIMUM STANDARD PROCTOR DENSITY AS SPECIFIED BY ASTM D698 AND AASHTO T-99.

THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER

EXISTING LOT LINE CONTINUED FROM C-5

ALL DISTURBED NOT COVERED WITH GRAVEL
Ds2
Ds3

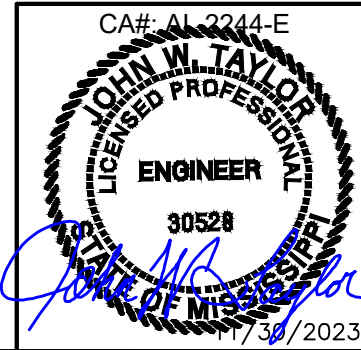
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PID: 0821-29-010/07.00
HARMON QUALITY BUILDERS LLC
BOOK 3919, PAGE 76



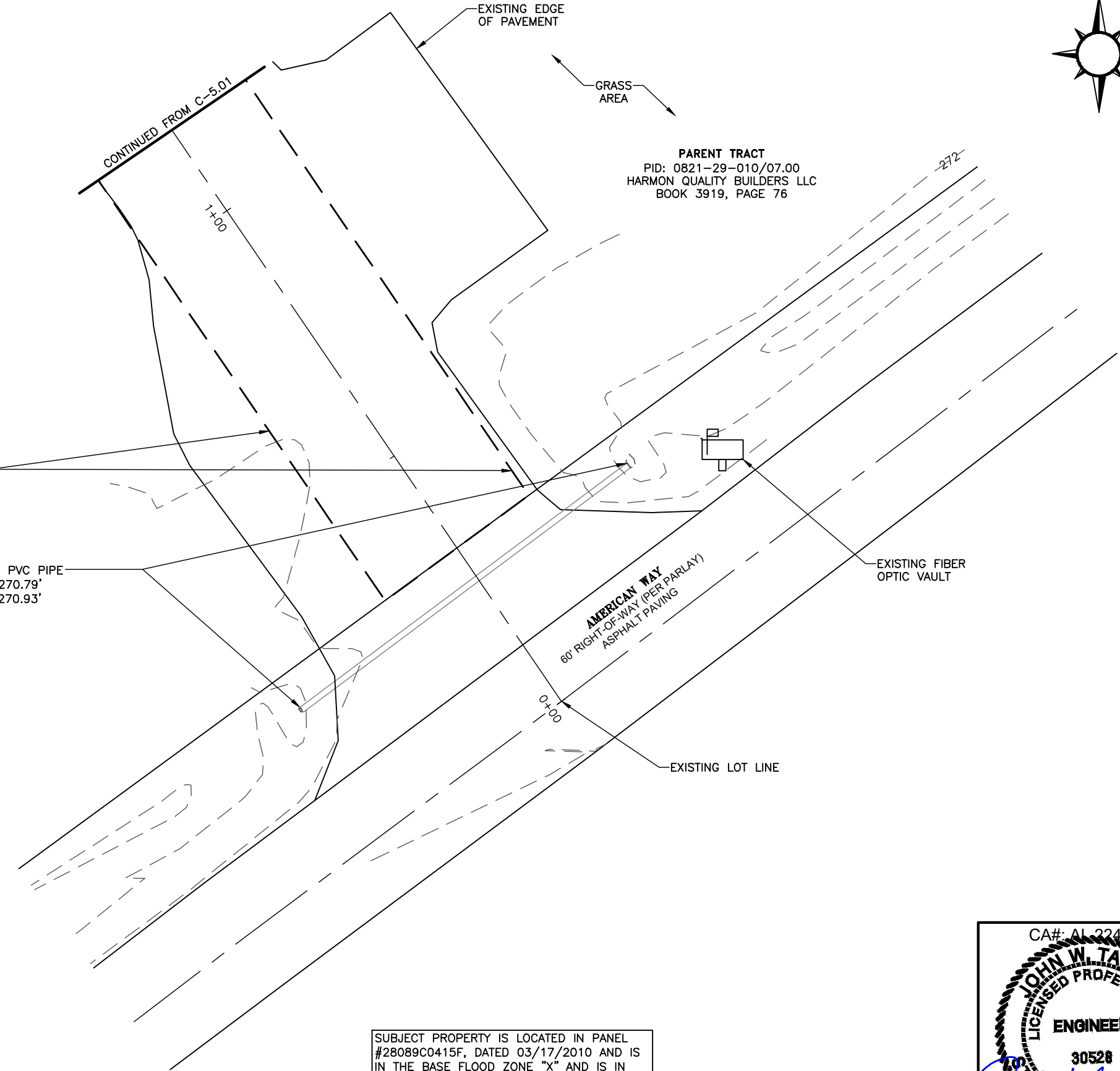
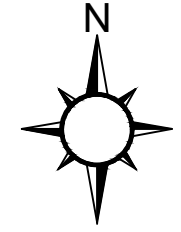
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HAS INVESTMENTS, LLC
BOOK 3555, PAGE 838

1 GRADING SITE PLAN
SCALE: 1"=20'

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.



- Co** CONSTRUCTION EXIT – TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sdl** TYPE C SEDIMENT BARRIER – TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) – TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) – TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- Du** DISTURBED AREA DUST CONTROL – TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.



THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
- MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
- 3" #3 GRAVEL ROLLED SUB-BASE COURSE
- SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

THE PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

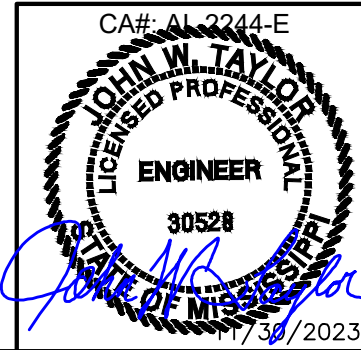
- 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
- MIRAFI 500X (OR EQUIVALENT)
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
- 3" #3 GRAVEL ROLLED SUB BASE COURSE
- SUBGRADED COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING SHALL BE COMPACTED 95% MINIMUM STANDARD PROCTOR DENSITY AS SPECIFIED BY ASTM D698 AND AASHTO T-99.

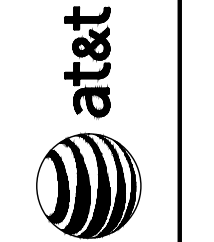
THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1 GRADING SITE PLAN
C-502 SCALE: 1"=20'



SMW
ENGINEERING GROUP, N.C.
FORESITE SERVICES, LLC
SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513354°)
LONGITUDE: W 90° 06' 42.669" (90.111852°)



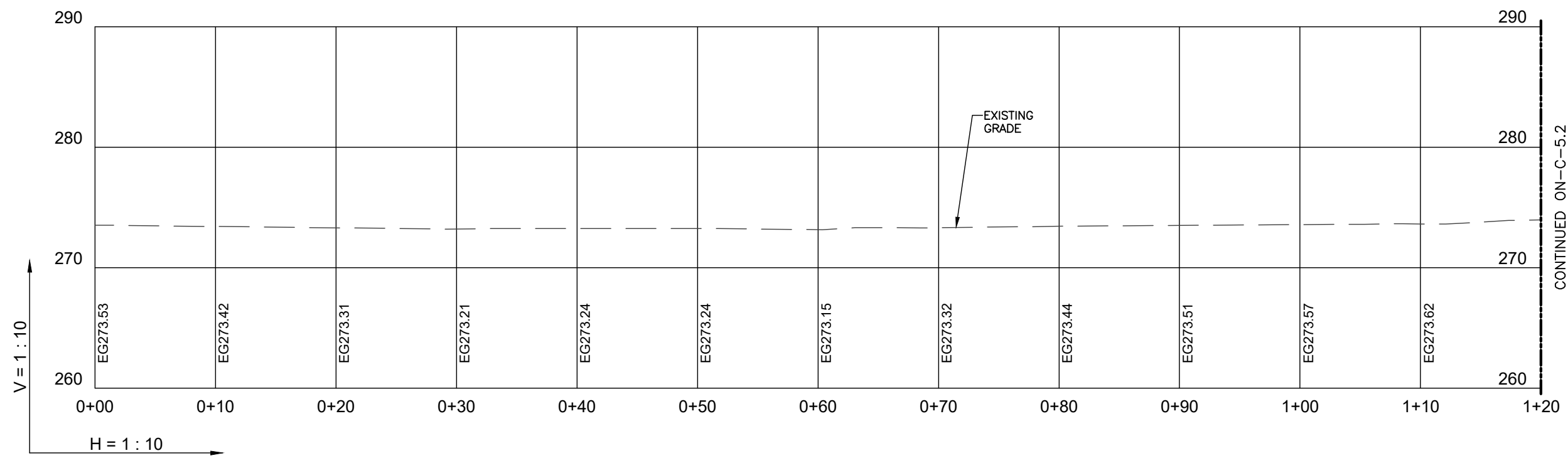
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| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
GRADING, SEDIMENT & EROSION CONTROL PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.02 |
| REV.: | 2 |

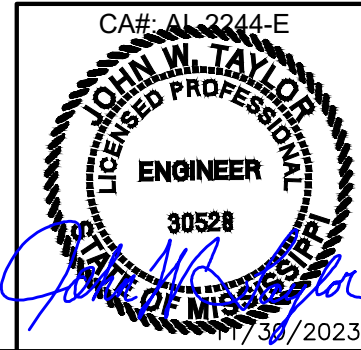


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



CONTINUED ON -C-5.2

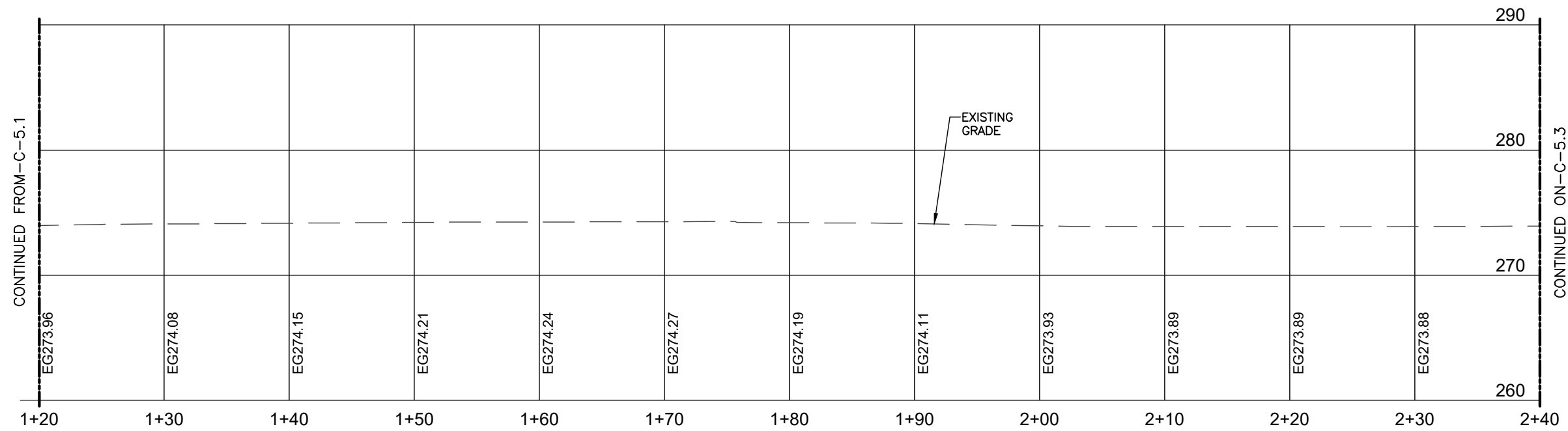
1 PROPOSED ACCESS ROAD PROFILE
 C-5.1 SCALE: 1"=10'



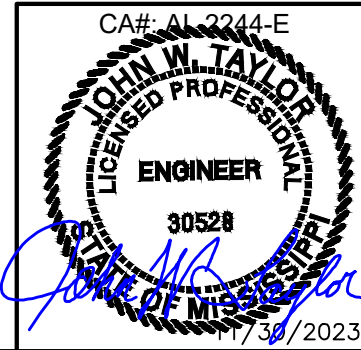
SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.1 |
| REV.: | 2 |



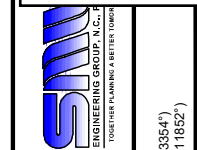
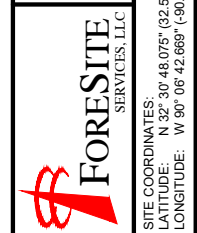
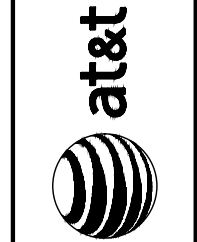
1 PROPOSED ACCESS ROAD PROFILE
 C-52 SCALE: 1"=10'



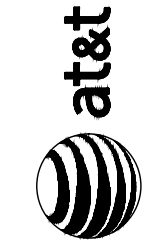
SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

| DATE | DESCRIPTION | DESIGNER |
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| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

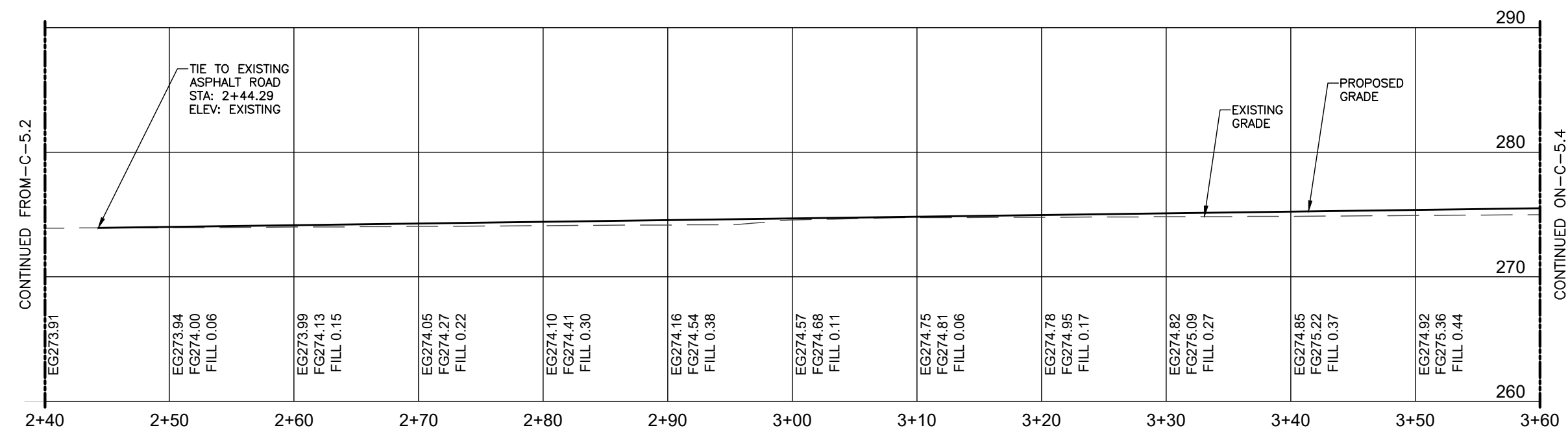
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| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.2 |
| REV.: | 2 |



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



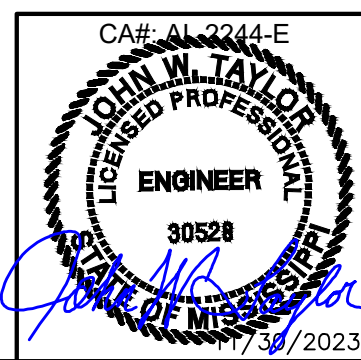
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| DATE | DESCRIPTION | DESIGNER |
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| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
ACCESS ROAD PROFILE
SHEET

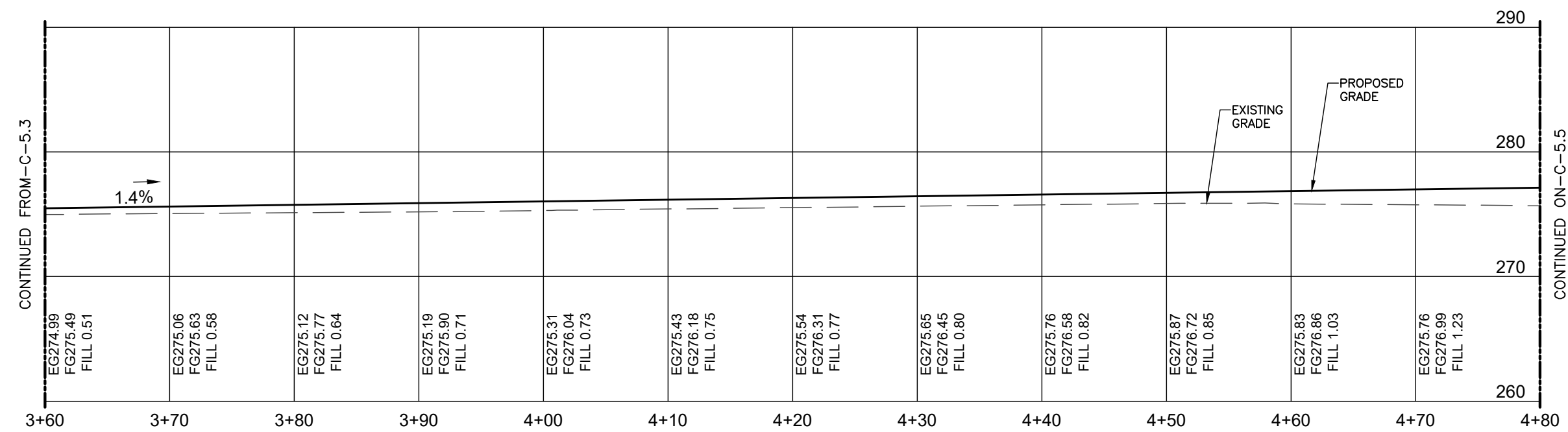
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| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.3 |
| REV.: | 2 |



1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



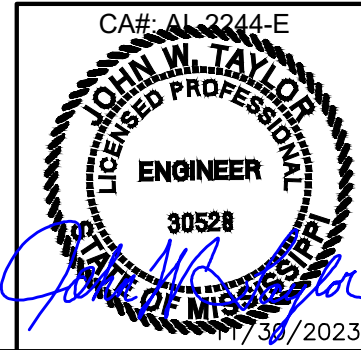
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CONTINUED ON -C-5.5

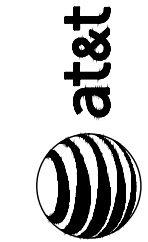
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| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

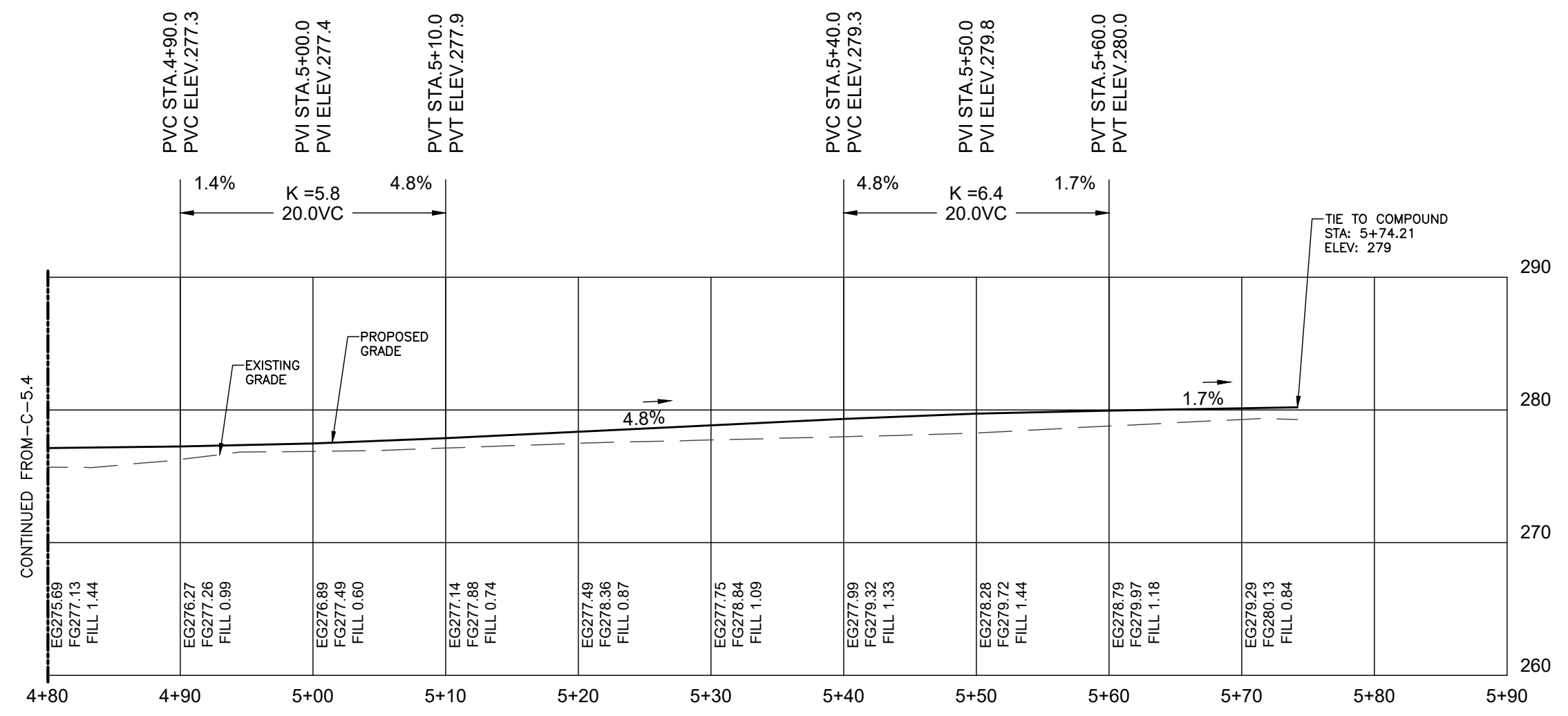
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | 2 |



1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

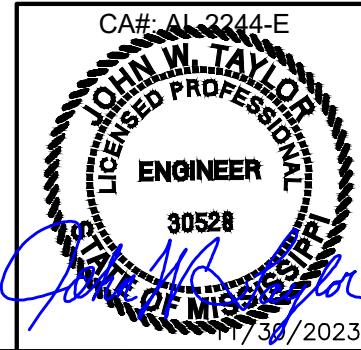


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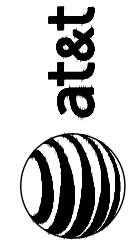
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| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
ACCESS ROAD PROFILE
SHEET

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.5 |
| REV.: | 2 |



1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'



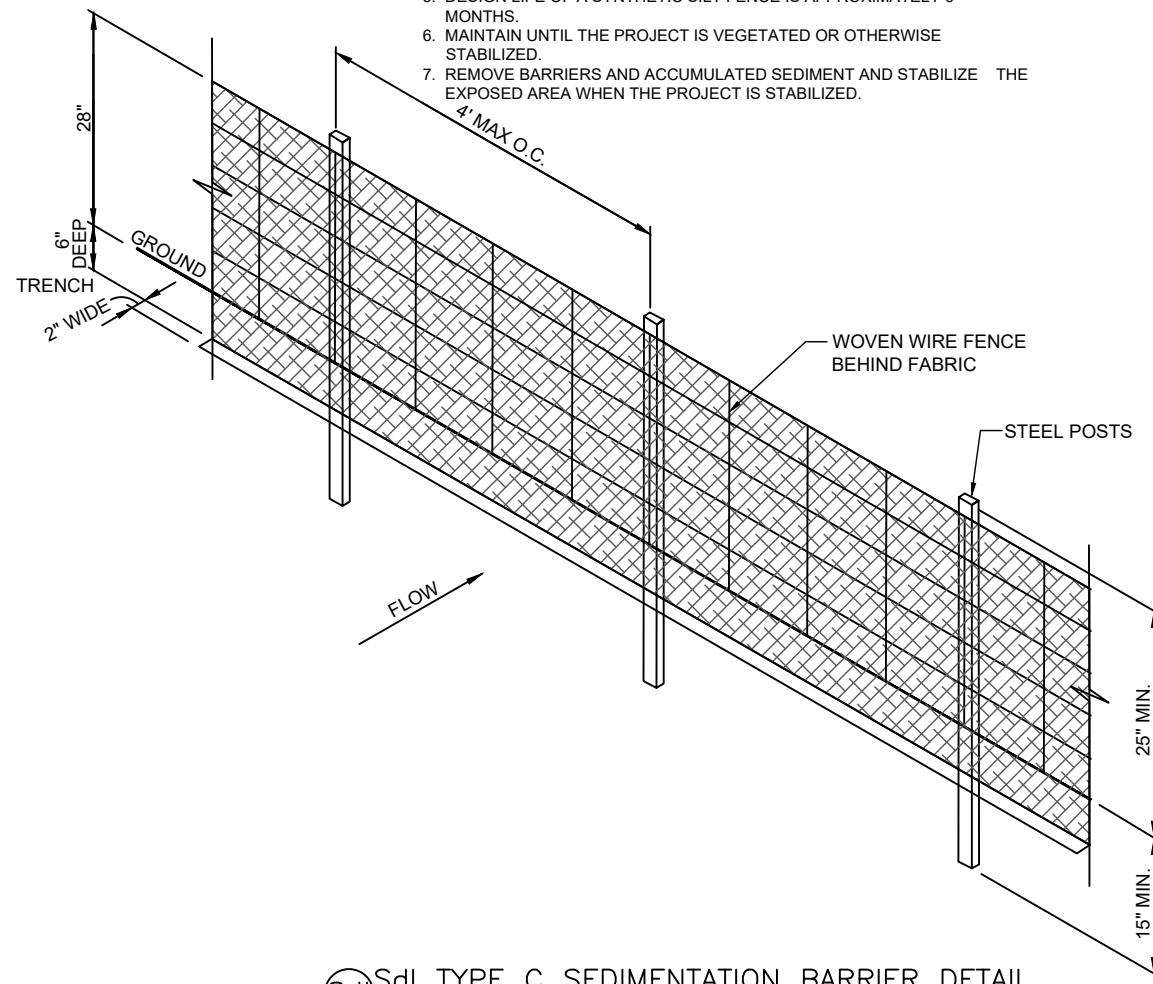
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| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |

**SOUTH GLUCKSTADT
GRADING, SEDIMENT &
EROSION CONTROL
DETAILS**

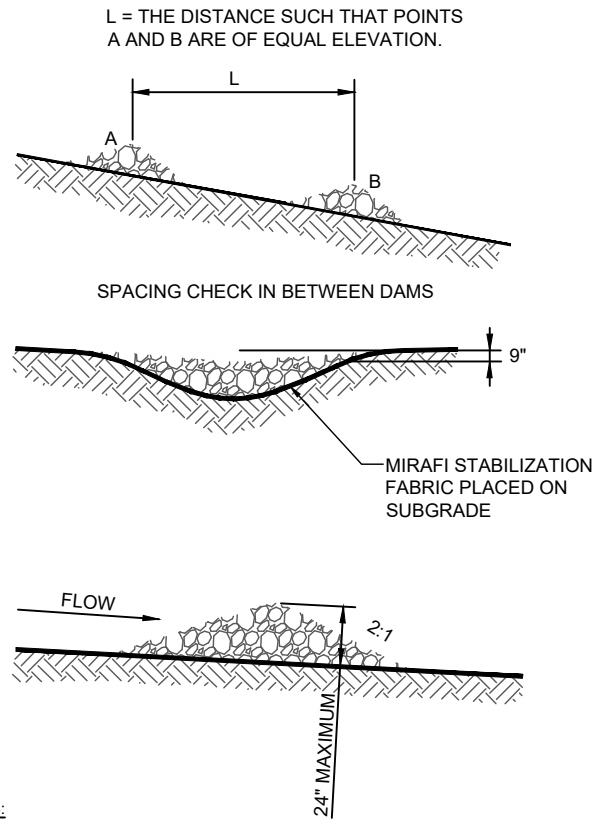
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-6 2

- MAINTENANCE:**
1. INSPECT BARRIERS AT THE END OF EACH WORKING DAY, OR AFTER EACH RAIN, AND REPAIR OR CLEAN AS NECESSARY.
 2. REMOVE SEDIMENT FROM BARRIER WHEN TWO-THIRDS FULL.
 3. DISPOSE OF SEDIMENT SO THAT IT WILL NOT ENTER THE BARRIER AGAIN AND STABILIZE IT WITH VEGETATION.
 4. REPLACE FILTER FABRIC WHEN DETERIORATED.
 5. DESIGN LIFE OF A SYNTHETIC SILT FENCE IS APPROXIMATELY 6 MONTHS.
 6. MAINTAIN UNTIL THE PROJECT IS VEGETATED OR OTHERWISE STABILIZED.
 7. REMOVE BARRIERS AND ACCUMULATED SEDIMENT AND STABILIZE THE EXPOSED AREA WHEN THE PROJECT IS STABILIZED.

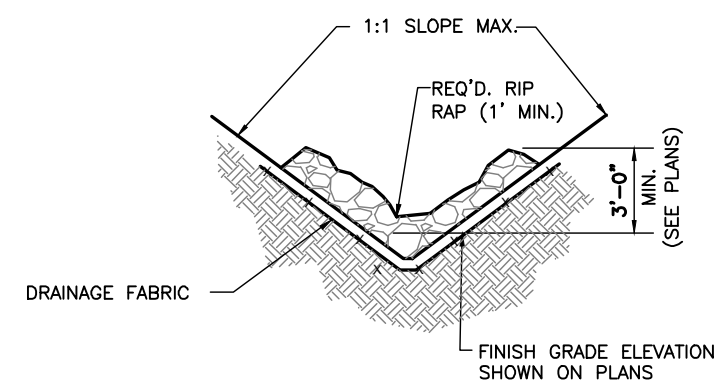


Sd1 TYPE C SEDIMENTATION BARRIER DETAIL
NOT TO SCALE



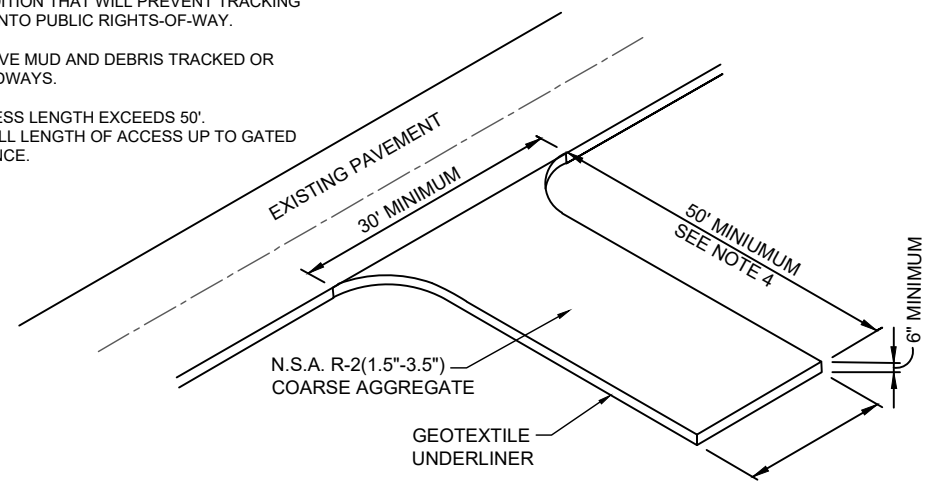
- NOTES:**
1. CHECK DAMS TO BE CONSTRUCTED OF GRADED SIZE 2 - 10 INCH STONE. MECHANICAL OR HAND PLACEMENT SHALL BE REQUIRED TO INSURE COMPLETE COVERAGE OF ENTIRE WIDTH OF DITCH OR SWALE AND THAT CENTER OF DAM IS LOWER THAN EDGES.
 2. SEDIMENT TO BE REMOVED WHEN A LEVEL OF 1/2 THE ORIGINAL DAM HEIGHT OR LESS IS REACHED. REMOVE CHECK DAMS AT COMPLETION OF PROJECT.

Cd CHECK DAM
NOT TO SCALE



TYPICAL RIP RAP DITCH SECTION
SCALE: N.T.S.

- MAINTENANCE:**
1. PERIODICALLY DRESS WITH 1.5"-3.5" STONE.
 2. MAINTAIN IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY.
 3. IMMEDIATELY REMOVE MUD AND DEBRIS TRACKED OR SPILLED ONTO ROADWAYS.
 4. 50' MINIMUM IF ACCESS LENGTH EXCEEDS 50'. OTHERWISE USE FULL LENGTH OF ACCESS UP TO GATED COMPOUND ENTRANCE.



Co CONSTRUCTION EXIT DETAIL
NOT TO SCALE

- Co** CONSTRUCTION EXIT - TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sd1** TYPE C SEDIMENT BARRIER - TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) - TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) - TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.
- Du** DISTURBED AREA DUST CONTROL - TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.



11/30/2023



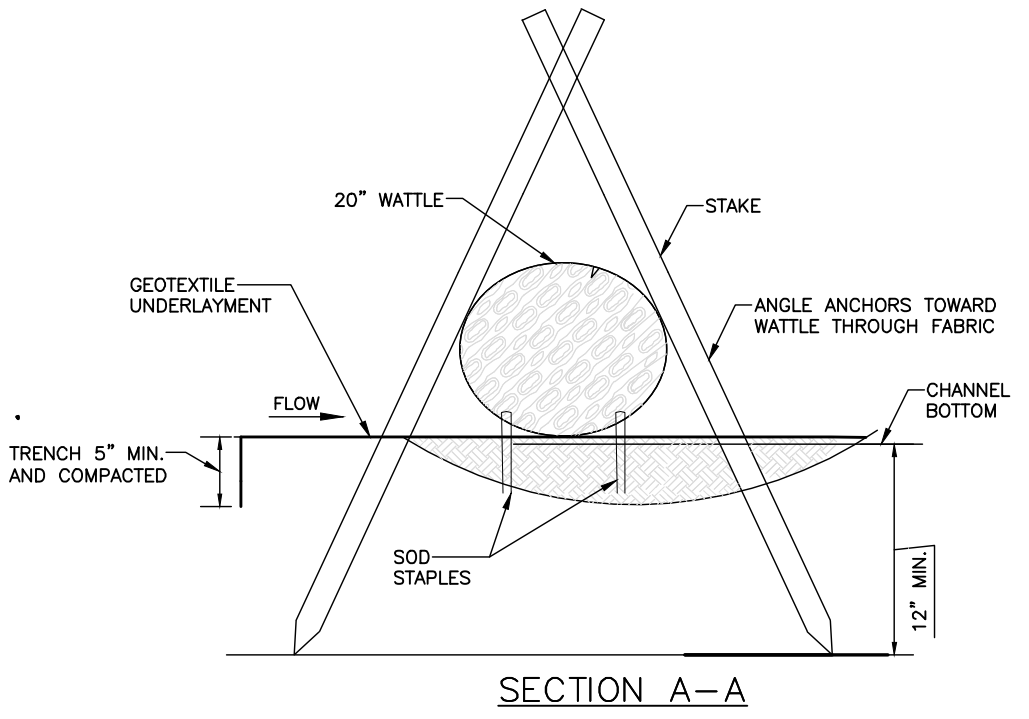
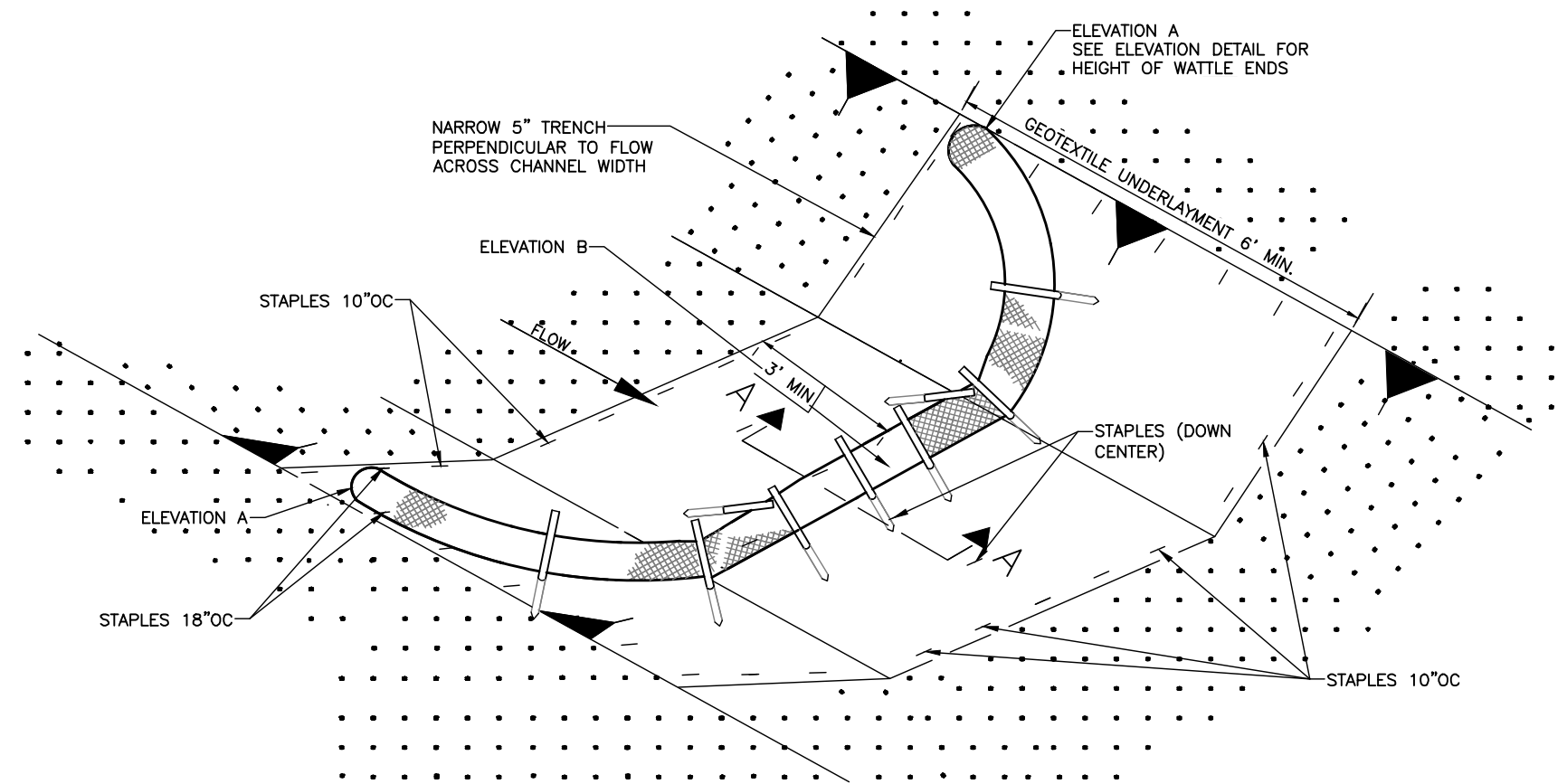
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

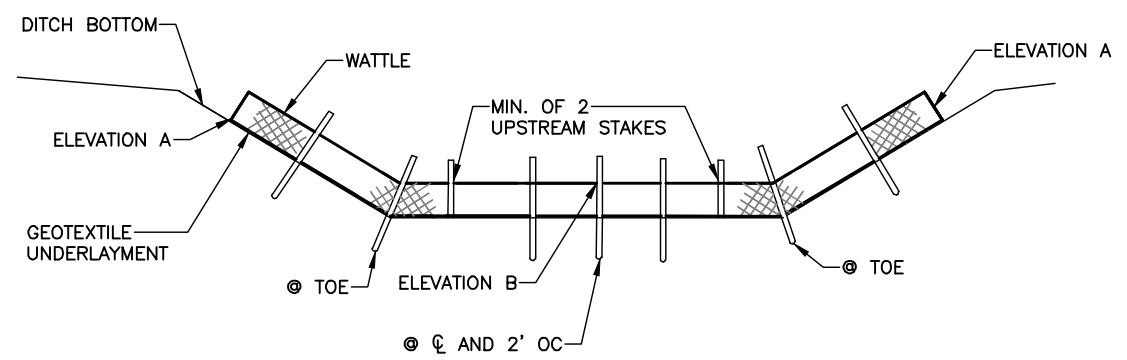
**SOUTH GLUCKSTADT
 GRADING, SEDIMENT &
 EROSION CONTROL
 DETAILS**

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-6.1 2



DETAIL (DITCH CHECK)



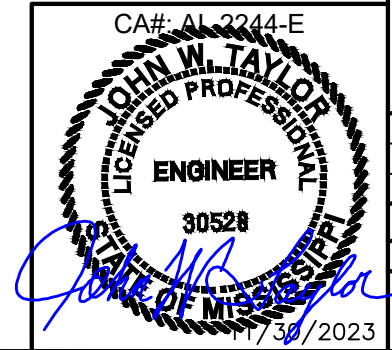
ELEVATION DETAIL

NOTE: END POINTS A MUST BE HIGHER THAN FLOWLINE POINT B

NOTES:

1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 50 FEET UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER.
2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF TWO FEET.
3. SECURE GEOTEXTILE UNDERLAYMENT BY PLACING STAPLES 18 INCHES APART ALONG THE CHANNEL EDGES AND DOWN THE CENTER OF THE CHANNEL. SPACE STAPLES 10 INCHES APART ACROSS THE UPSTREAM AND DOWNSTREAM EDGES.
4. PLACE STAPLES ON BOTH SIDES OF WATTLE AT 10" SPACING.

2 TYPICAL RIP RAP DITCH SECTION
 C-6.1 SCALE: N.T.S.





| | |
|----------|-----|
| DESIGNER | ZDS |
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| BJB | |

| | | | | | |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |

SOUTH GLUCKSTADT
EROSION CONTROL
GRADING, SEDIMENT &
VEGETATION SPECS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-7 2

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513354°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)

PIEDMONT VEGETATIVE COVERS

| CALENDAR MONTH | TEMPORARY SEED | APPLICATION RATE/ACRE | PERMANENT SEED | APPLICATION RATE/ACRE |
|----------------|---|---|---|------------------------------------|
| 1. JANUARY | RYE GRASS | 20--40 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA | 8-10 LB. 30-40 LB. |
| 2. FEBRUARY | | | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 3. MARCH | RYE ANNUAL LESPEDEZA WEEPING LOVE GRASS | 2-3 BU. 20-25 LB. 4-6 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 4. APRIL | RYE BROWN TOP MULLET ANNUAL LESPEDEZA SUDAN ANNUAL | 2-3 BU. 30-40 LB. 20-25 LB. 35 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 5. MAY | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 6. JUNE | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 7. JULY | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | | |
| 8. AUGUST | RYE GRASS WEEPING LOVE GRASS | 4050 LB. 4-6 LB. | | |
| 9. SEPTEMBER | | | TALL FESCUE | 30-50 LB. |
| 10. OCTOBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |
| 11. NOVEMBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |
| 12. DECEMBER | RYE RYE GRASS WHEAT | 2-3 BU. 40-50 LB. 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |

- USE A MINIMUM OF 40 LBS. SCARIFIES SEED. THE REMAINING MAY BE USE UN SCARIFIED, CLEAN HULLED SEED
- USE EITHER COMMON SERIAL OR INTERSTATE SERICEA LESPEDEZA

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT IN ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING AND CONSTRUCTIONS, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

HYDRAULIC SEEDING EQUIPMENT WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OF SEEDED PREPARATIONS WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER MULCH WILL BE MIXED WITH WATER AND SUPPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS.

A. SEEDING WITH MULCH: (HYDRAULIC SEEDING EQUIPMENT ON SLOPES 3:1 AND STEEPER)

| | |
|--|---------------|
| AGRICULTURAL LIMESTONE #75 | 400 LBS/ ACRE |
| FERTILIZER, 05-10-15 | 500 LBS/ ACRE |
| MULCH (STRAW OR HAY OR WOOD CELLULOSE FIBER MULCH) | 5000LBS/ACRE |
| | 1000LBS/ACRE |

| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|--|-------------------------------|----------------|
| SERICIA LESPEDEZA, SCARIFIED WEEPING LOVE GRASS, OR COMMON BERMUDA, HULLED | 60 LBS 4 LBS. 6 LBS. | 3/1-6/15 |
| FESCUE SERICEA LESPEDEZA, UNCERTIFIED | 40 LBS. 60 LBS. | 4/1-10/31 |
| FESCUE SERICEA LESPEDEZA, UNCERTIFIED RYE | 40 LBS. 75 LBS. 50 LBS. | 11/1-12/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS. | 6/15-8/31 |

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS/ACRE

C. SECOND YEAR TREATMENT:

FERTILIZER (0-20-20 OR EQUIVALENT) 500 LBS/ACRE

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED ON ROAD CUT AND FILL SLOPES, SHOULDERS AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTIONS. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM, SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY & BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING & CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIALS ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

CONVENTIONAL SEEDING EQUIP GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER, IN DRY FORM, WILL SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED , AND FIRMED. SEEDING WILL BE DONE WITH A CULTIPACKER-SEEDER ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESH PREPARED SEEDBED AND COVERED LIGHTLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD BY EITHER BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT WAS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)

| | |
|----------------------------|---------------|
| AGRICULTURAL LIMESTONE #15 | 4000 LBS/ACRE |
| FERTILIZE, 5-10-15 | 1500 LBS/ACRE |
| MULCH (STRAY OR HAY) | 5000 LBS/ACRE |

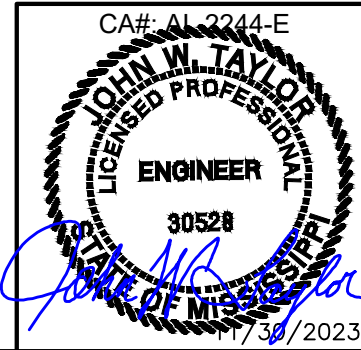
| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|-------------------------------|-----------------------|----------------|
| HULLED COMMON BERMUDA GRASS | 10 LBS | 3/1-6/15 |
| FESCUE | 50 LBS | 9/1-10/31 |
| FESCUE RYEGRASS | 50 LBS 50 LBS | 11/1-2/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS | 6/15-8/31 |

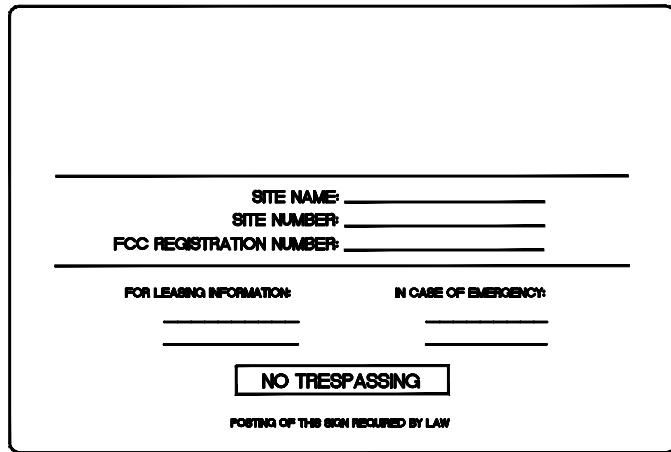
B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS/ACRE

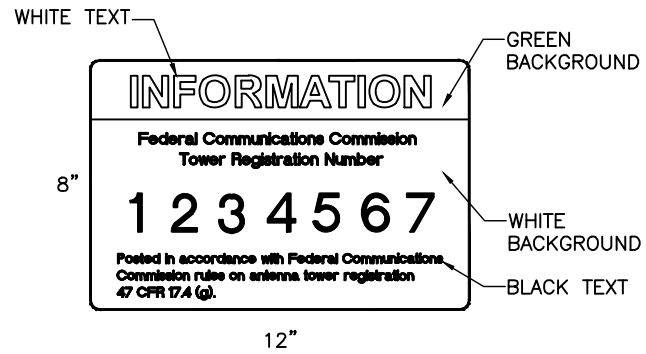
C. SECOND YEAR TREATMENT:

FERTILIZER (0-20-20 OR EQUIVALENT) 800 LBS/ACRE





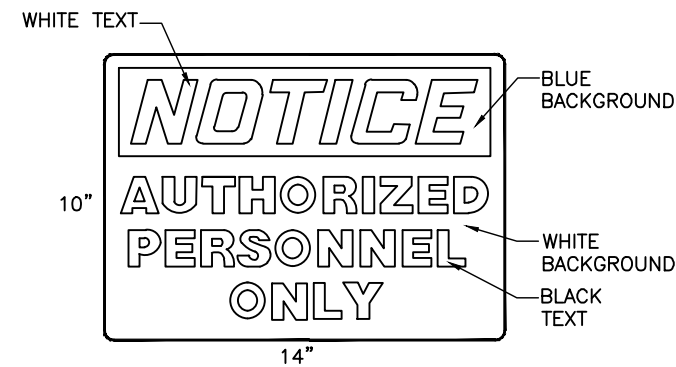
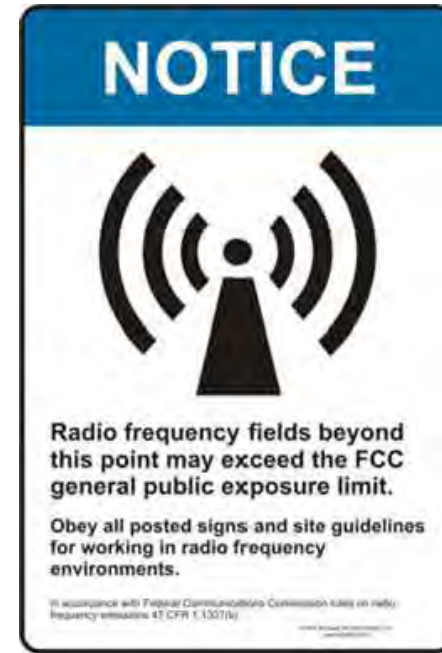
OWNER CONTACT SIGN
 WHITE BACKGROUND, BLACK/RED LETTERING
 MOUNTING LOCATION: GATE
 QUANTITY: 1



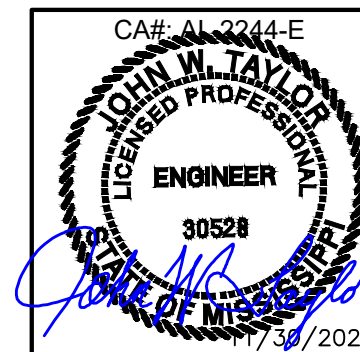
FCC REGISTRATION SIGN
 WHITE/GREEN BACKGROUND, WHITE/BLACK LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 2



DANGER NO TRESPASSING SIGN
 WHITE/BLACK BACKGROUND, BLACK/WHITE LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 1



AUTHORIZED PERSONNEL SIGN
 WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 1



| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
SITE SIGNAGE

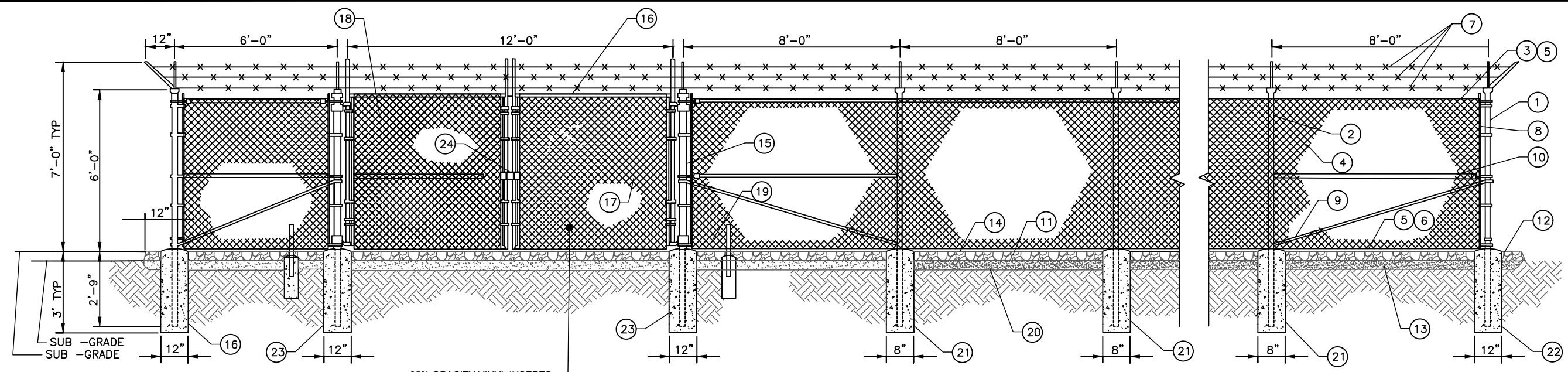
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-8 | ? |

SM ENGINEERING GROUP, N.C.
FORESITE SERVICES, LLC
at&t

SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



SITE COORDINATES:
 N 32° 30' 48.075" (32.513354°)
 W 90° 06' 42.669" (90.111852°)



GENERAL NOTES:

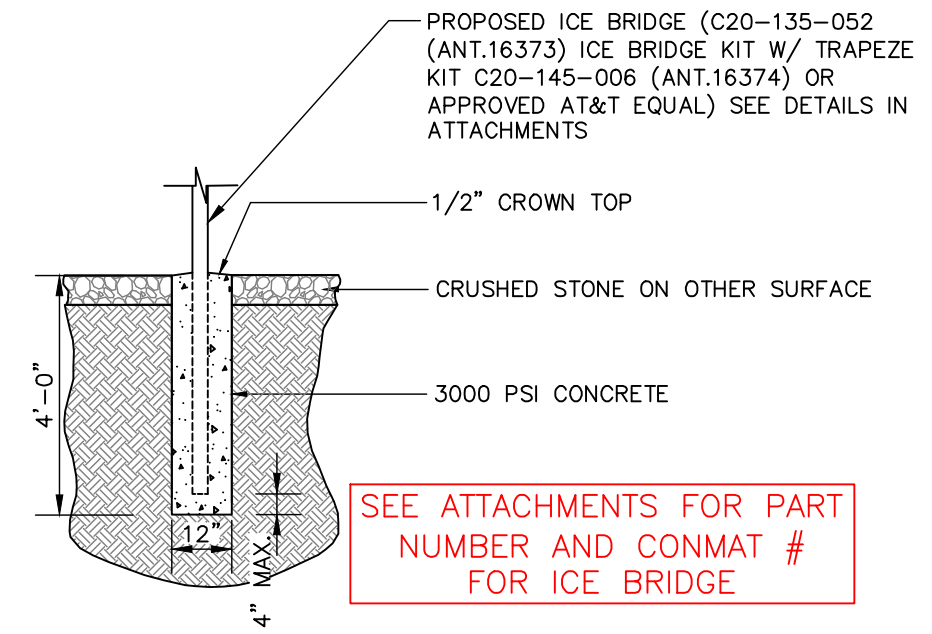
1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM-900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE 1 1/2" GALV. (HOT DIP, ASTM A120 GRADE "A" STEEL) ALL GATE FRAMES SHALL BE WELDED, ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV, (OR EQUAL)
5. ALL OPEN POSTS SHALL HAVE END-CAPS
6. USE GALVANIZED HOG-RING WORE TO MOUNT ALL SIGNS
7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC
8. USE COMMERCIAL GRADE MATERIALS ONLY

85% OPACITY VINYL INSERTS
 TO BE INSTALLED WITHIN
 WIRE MESH OF FENCE

85% OPACITY VINYL INSERTS
 TO BE INSTALLED WITHIN
 WIRE MESH OF FENCE

REFERENCE NOTES:

- | | |
|--|---|
| ① CORNER END OR PULL POST 3" NOMINAL SCHEDULE 40 PIPE. | ⑫ 2" FINISH OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK |
| ② LINE POST: 2 1/2" SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 8'-0" O.C. | ⑬ 4" COMPACTED 95% BASE MATERIAL OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK. |
| ③ TOP RAIL & BRACE RAIL: 1 1/2" PIPE, PER ASTM-F1083 | ⑭ FINISH GRADE SHALL BE UNIFORM AND LEVEL |
| ④ FABRIC" 9GA CORE WIRE SIZE 2' MESH, CONFORMING TO ASTM-A392 | ⑮ GATE POST 4" SCHEDULE 40 PIPE. FOR GATE WIDTHS UP THRU 7 FEET OR 4 FEET FOR DOUBLE SWING GATE, PER ASTM-F1083 |
| ⑤ TIE WIRE: MINIMUM II GA GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE END AT TENSIONS WIRE BU HOG RINGS SPACED AX. AT 24" O.C. | ⑯ GATE FRAME: 1 1/2" PIPE, PER ASTM-F1083 |
| ⑥ TENSION WIRE: 9GA GALVANIZE STEEL | ⑰ GATE FRAME: 1 5/8" PIPE, PER ASTM-F1083 |
| ⑦ BARBED WIRE: DOUBLE STRAND 12 1/2" OD TWISTED WIRE TO MATCH WITH FABRIC 14GA, 4PT. BARBS SPACE ON APPROX.5" CENTERS | ⑱ GATE DIAGONAL GALVANIZED STEEL 1 1/2" PIPE |
| ⑧ STRETCHER BAR | ⑲ DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION |
| ⑨ 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD | ⑳ GEOMETRIES FABRIC |
| ⑩ FENCE CORNER POST BRACE: 1 5/8" DIAZ. EACH CORNER EACH WAY | ㉑ LINE POST: CONCRETE FOUNDATION (2000 PSI) |
| ⑪ 1 1/2" MAXIMUM CLEARANCE FROM GRADE | ㉒ CORNER POST: CONCRETE FOUNDATION (2000 PSI) |
| | ㉓ GATE POST" CONCRETE FOUNDATION (2000 PSI) |
| | ㉔ STYMIE LOCK OR EQUIVALENT |

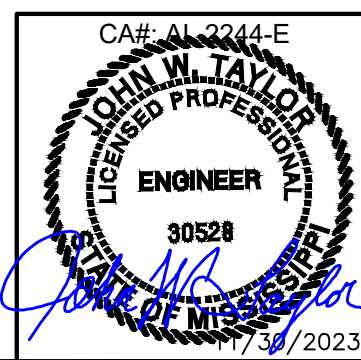


ICE BRIDGE FOUNDATION DETAIL
 NOT TO SCALE

| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|-----------------------------------|-----|-----|-----|-----|-----|
| ISSUED FOR CLIENT REVIEW | | | | | |
| ISSUED FOR ZONING | | | | | |
| REVISED PER CONCRETE PAD | | | | | |
| REVISED PER TOWER DRAWINGS & RFDS | | | | | |
| REVISED PER JRX COMMENTS | | | | | |

SOUTH GLUCKSTADT
FENCE & ICE BRIDGE
DETAILS

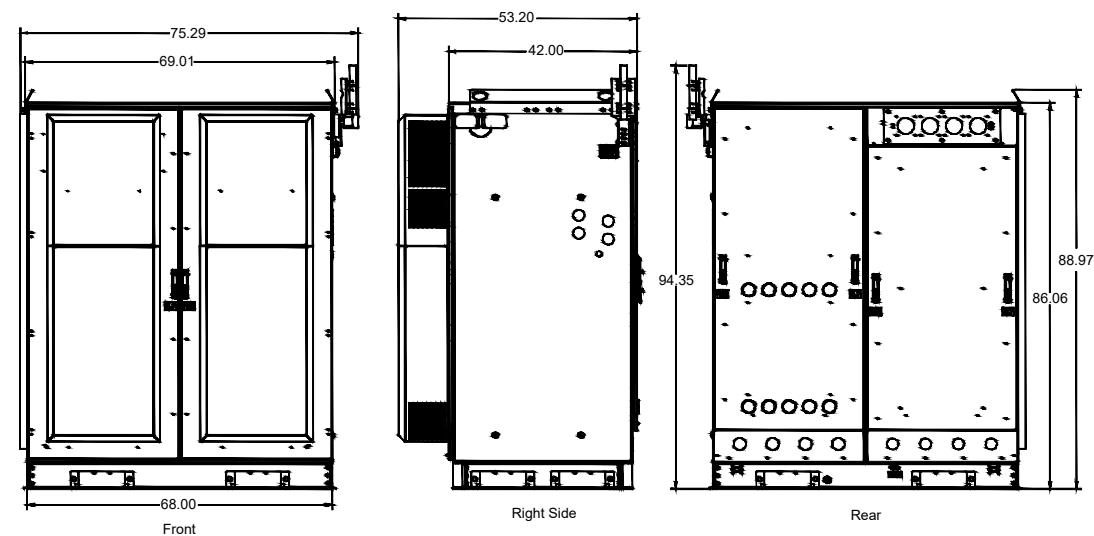
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

FIGURE 2.2 ENCLOSURE DIMENSIONS (F2020029) (2-BAY)



Notes:
 1. All dimensions are in inches.

FIGURE 2.3 ENCLOSURE DIMENSIONS (F2020030) (3-BAY)

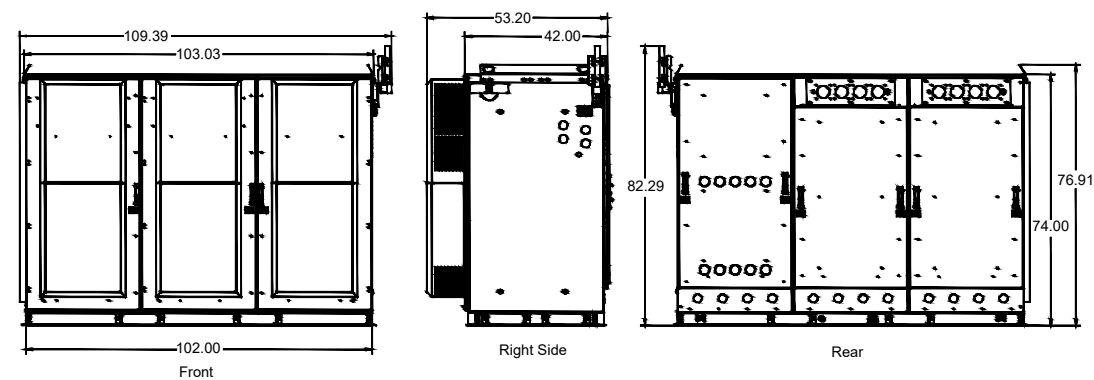
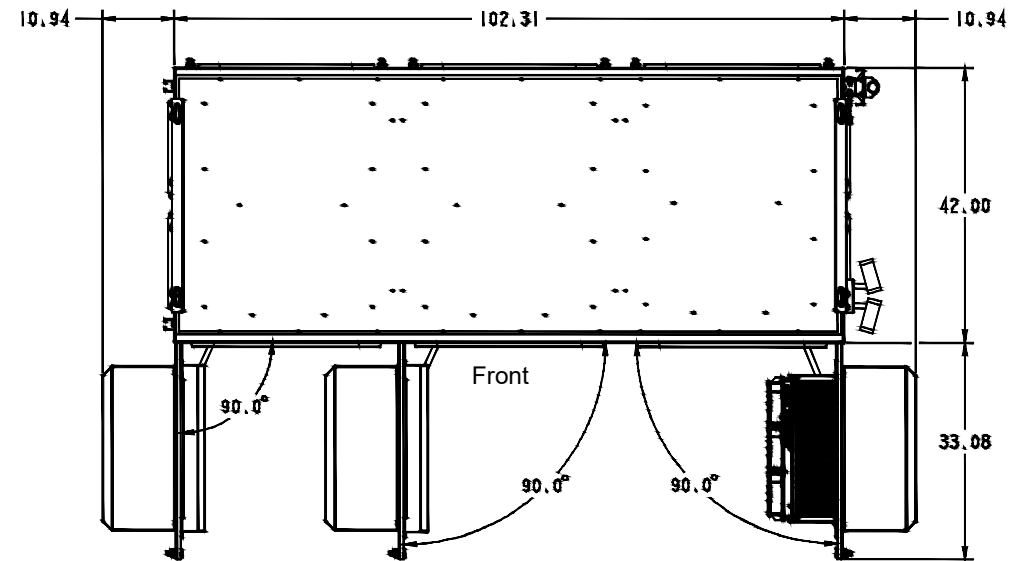
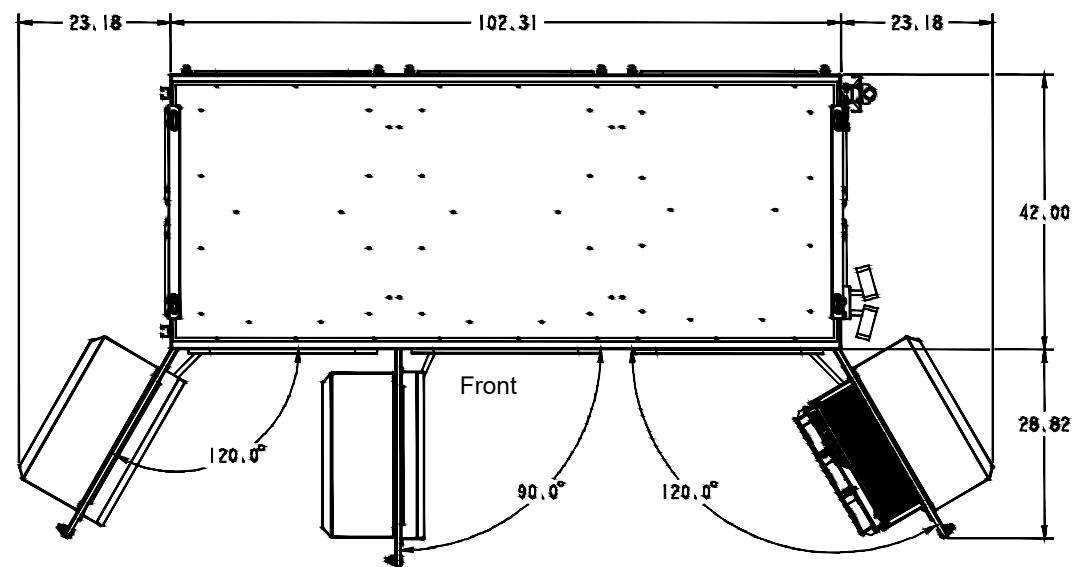


FIGURE 2.5 OVERHEAD VIEW WITH DOOR OPEN (F2020030) (3-BAY)



Notes:
 1. All dimensions are in inches.



DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

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| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 WALK-UP CABINET
 (WUC) DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-10 | 2 |



Vertiv™ NetSure™ X701 Walk Up Cabinet (WUC)

Description

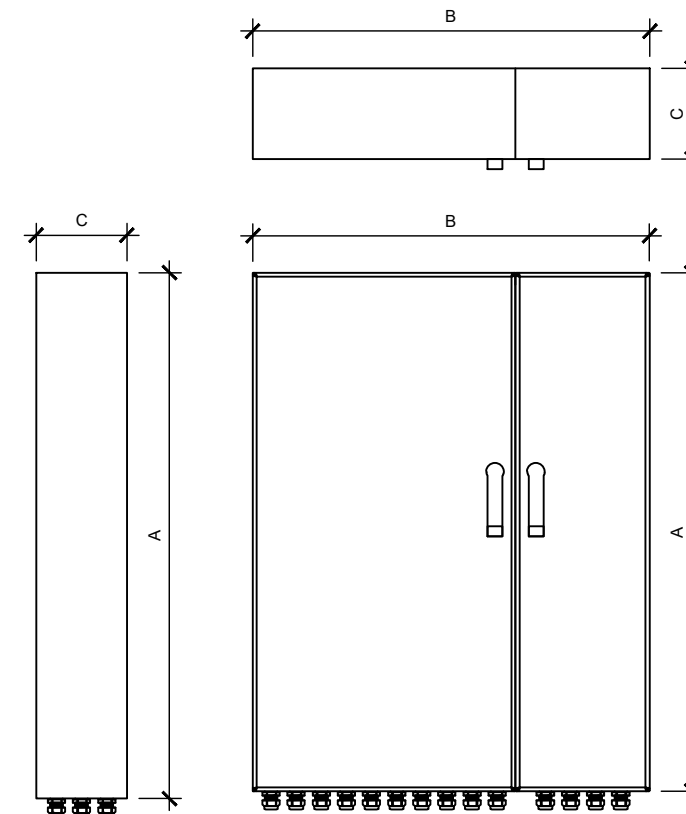
The Vertiv™ NetSure™ X701 provides room for power, batteries, and other sensitive equipment in a single convenient outdoor enclosure. Its aluminum construction provides protection from both vandalism and harsh environmental conditions while still standing up to high winds and seismic events. With up to 15kW of heat dissipation available, the NetSure™ X701 outdoor enclosure is designed to handle ever-increasing heat load requirements at your base station and network edge sites.

- UL 2416 Certified
- Factory-integrated Vertiv™ NetSure™ 512 DC power system supports -48V and -58V DC load requirements
- Battery trays for (3) strings of VRLA batteries up to 210Ah each
- Up to 74RU of available equipment space
- Convenient cable entry and management throughout the enclosure



Technical Specifications

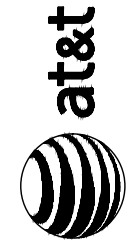
| Enclosure | | |
|-------------------------------------|--|----------------------------|
| Two-Bay | Dimensions (H x W x D) | 86" x 68" x 54" |
| | Weight | 1300 lbs. |
| | Equipment Space | 43 RU available |
| | Color | Cool White |
| | Cabinet Access | Front door and rear panels |
| Three-Bay | Dimensions (H x W x D) | 74" x 102" x 54" |
| | Weight | 1650 lbs. |
| | Equipment Space | 76 RU available |
| | Color | Cool White |
| | Cabinet Access | Front door and rear panels |
| Security | | |
| All handles can accommodate padlock | | |
| Mounting | | |
| Mounting Options | Pad; Platform | |
| Racks | Adjustable 19" to 23" racks in each equipment chamber | |
| Electrical | | |
| Input/Output Voltage | 208/240VAC single-phase input; -48VDC primary/-58VDC secondary output | |
| Maximum Input Current | N/A (Generally used w/ customer-provided service entrance transfer switch, generally 200A) | |
| Environmental | | |
| Operating Temperature | -40°C to 46°C | |
| Relative Humidity | 0% to 95% non-condensing | |
| Thermal Solutions | | |
| Heat Exchanger | 6000 watts in each equipment chamber, 2800 watts in power chamber | |
| Equipment Chamber | | |
| DC Power | Factory-integrated NetSure 512 system | |
| AC Outlet | GFI | |
| Grounding | Ground bar in each chamber | |
| Standards Compliance | | |
| Safety | UL 2416 | |
| Environment | Designed for Telcordia GR-487 | |



| RAYCAP SPECIFICATIONS | | | | |
|-----------------------|--------|-------|------|--------------|
| RAYCAP MODEL | A | B | C | WEIGHT (LBS) |
| DC50-48-60-96-50F | 52.24" | 40.0" | 9.0" | 165.0 |

DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

FOR REFERENCE ONLY



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| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 WALK-UP CABINET
 (WUC) DETAILS

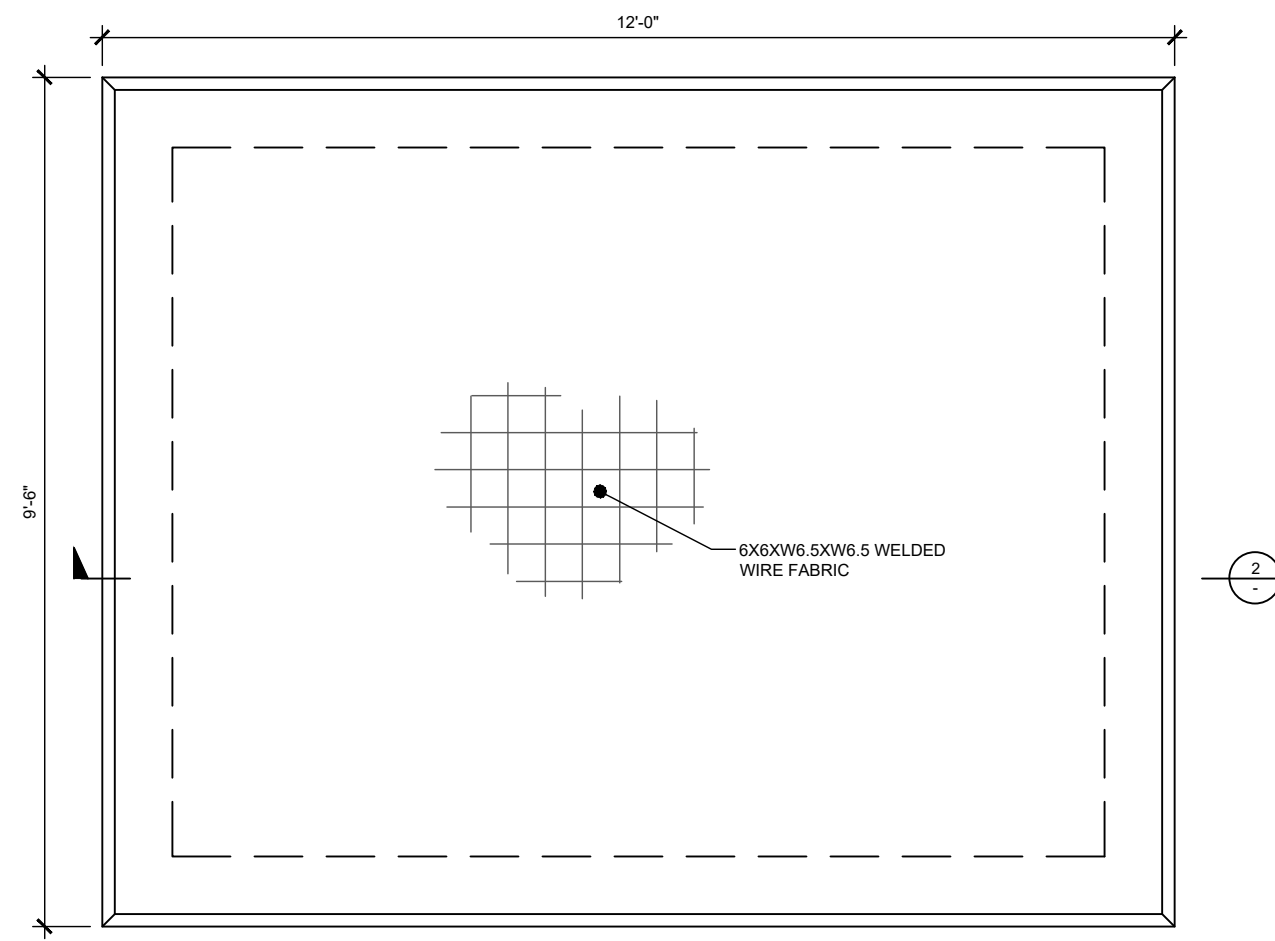
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |

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| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

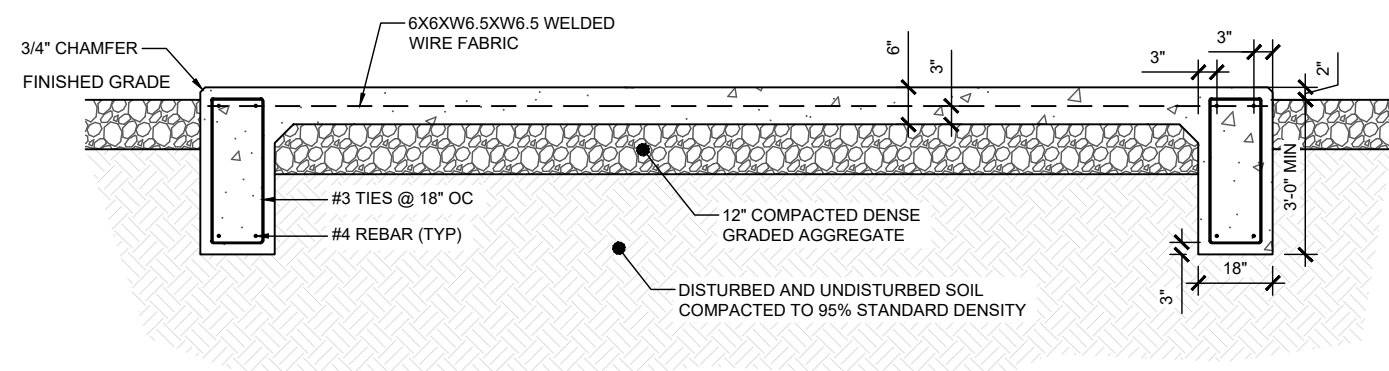
C-10.1 2



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



1 EQUIPMENT FOUNDATION PLAN
 SCALE: NOT TO SCALE



2 FOUNDATION SECTION
 SCALE: NOT TO SCALE

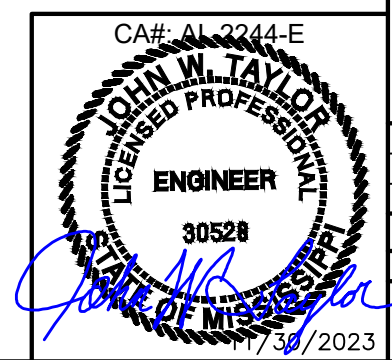
NOTES:

1. SLAB TO BE LEVEL ±1/4".
2. FOOTING TO EXTEND A MINIMUM OF 24" BELOW UNDISTURBED SOIL OR 6" BELOW FROST LINE.
3. FINAL SITE DESIGN IS THE RESPONSIBILITY OF THE SITE CONTRACTOR.
4. CONTRACTOR SHALL VERIFY DESIGN WITH ACTUAL SITE CONDITIONS. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.
5. ENGINEER OF ANY DISCREPANCIES.
6. SLAB FOUNDATION DESIGNED ASSUMING ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
7. SLAB FOUNDATION DESIGNED ASSUMING MAXIMUM SOIL PLASTICITY INDEX OF 27.
8. CONCRETE STRENGTH SHALL BE A MINIMUM OF 3000 PSI.
9. CONTRACTOR SHALL VERIFY DIMENSIONS AND BOLT LAYOUT WITH SELECTED SHELTER.

| DATE | DESCRIPTION: | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
FOUNDATION DETAIL

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

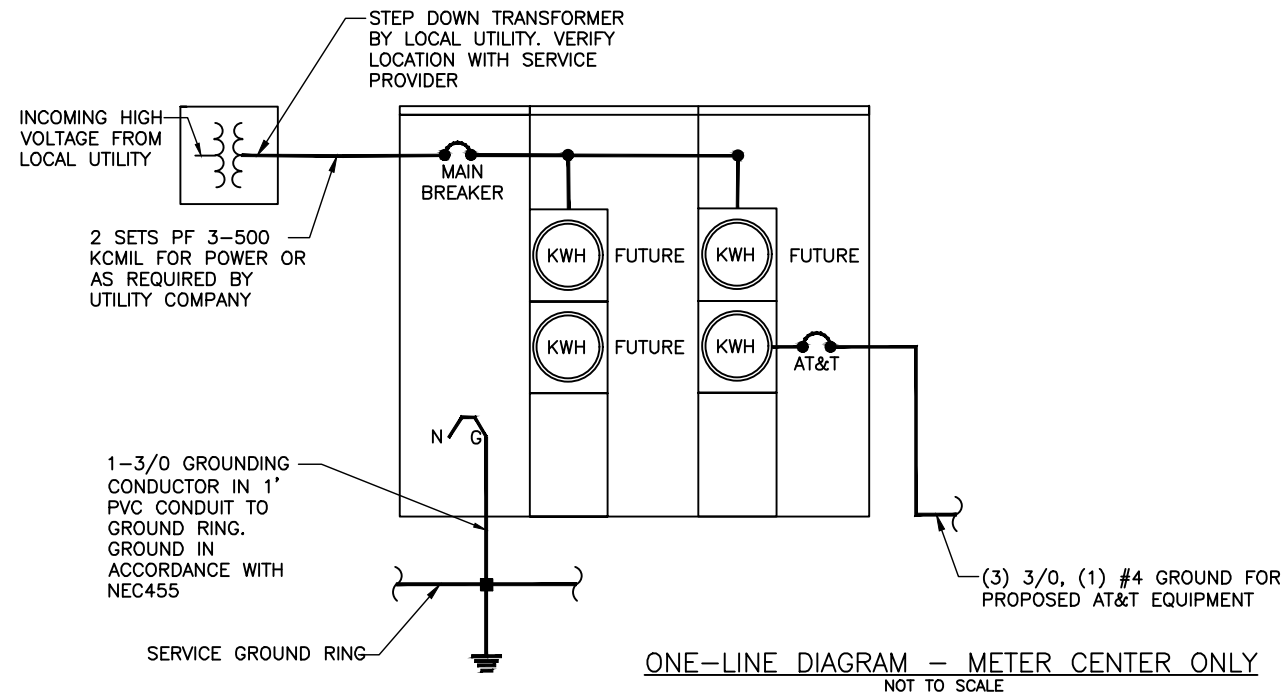


C-11 2

ELECTRICAL INSTALLATION NOTES

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
- CONDUIT ROUTINGS ARE SCHEMATIC. SUBCONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
- WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TELCORDIA
- ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC AND TELCORDIA.
- CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
- EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR CAPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).
- PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
- POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
- ALL POWER AND POWER GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).

- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
- RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
- CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS
- METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
- THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.
- THE SUBCONTRACTOR SHALL LABEL THE METER BASE PER LOCAL UTILITY REQUIREMENTS.



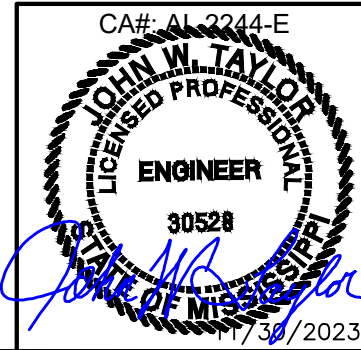
ONE-LINE DIAGRAM - METER CENTER ONLY
NOT TO SCALE

Section 10, Item B)

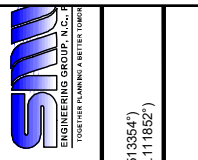


| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |

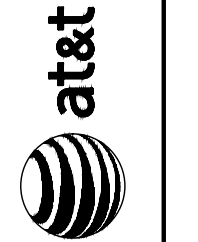
SOUTH GLUCKSTADT
ELECTRICAL SPECS & ONE-LINE DIAGRAM



| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| E-1 | 2 |



FORESITE SERVICES, LLC
SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513354°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)



| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
ELECTRICAL ONE-LINE

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

KEY NOTES:

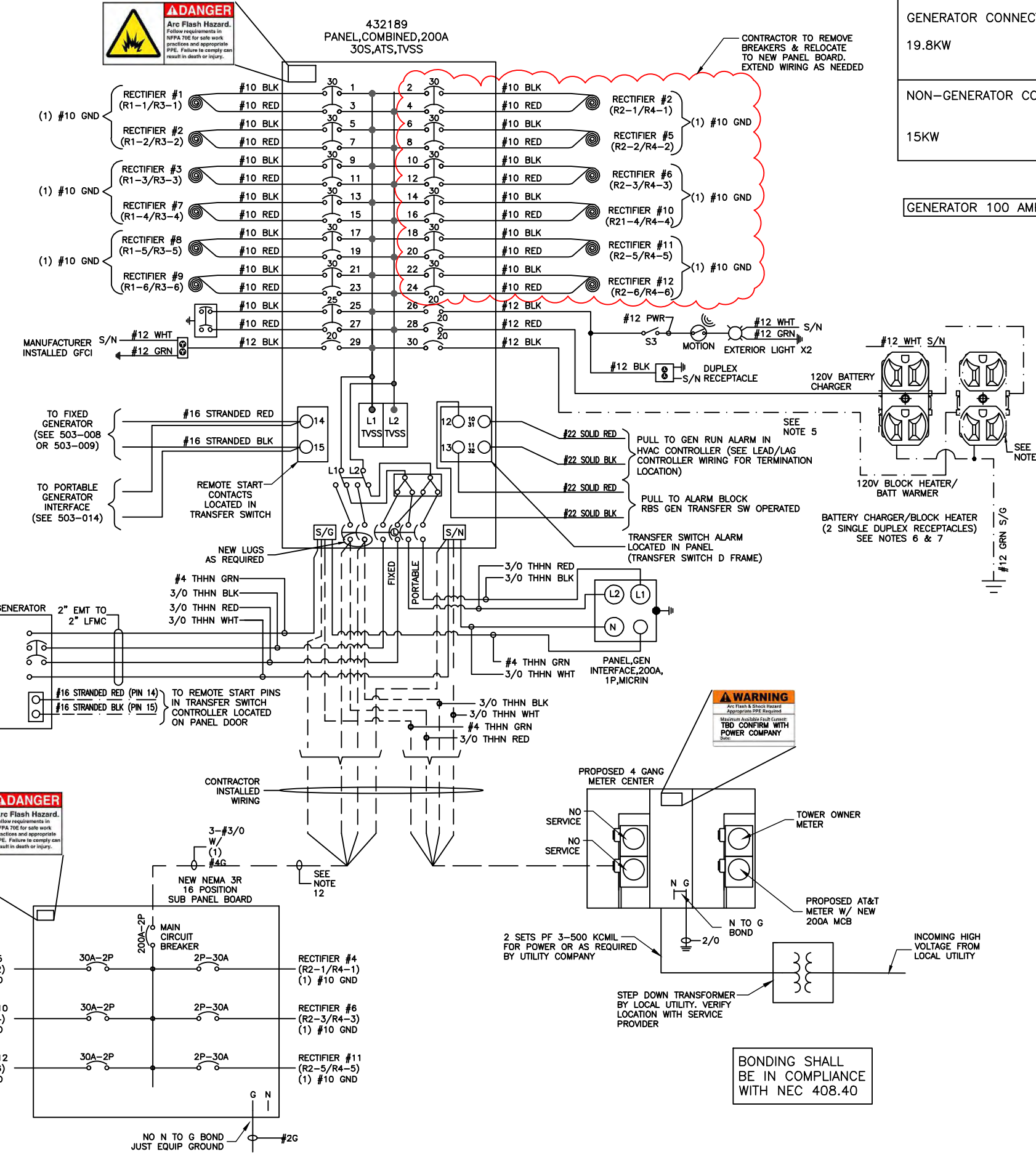
- INSTALL ARC FLASH HAZARD LABEL ON ANY EQUIPMENT WITH AC POTENTIAL NEC 110.16 AND 110.24.
- INSTALL MAXIMUM AVAILABLE FAULT CURRENT (MAFC) LABEL WITH VOLTAGE, PHASE, AND DATE ON SERVICE DISCONNECT, SECONDARY DISCONNECT, AND OR DISTRIBUTION PANEL UNTIL MAFC IS BELOW OCPD KAIC RATING NEC 110.16 AND 110.24.
- FIELD VERIFY EXISTING CONDITIONS AND DOCUMENT ELECTRICAL INFORMATION FOR AS-BUILT PURPOSES AND ANY CHANGES MADE PER THIS SCOPE OF WORK.

GENERAL NOTES:

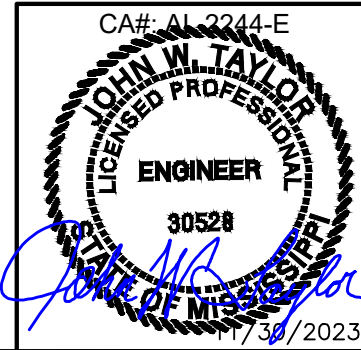
- CONTRACTOR SHALL CONFIRM THAT THE CURRENT ELECTRICAL SYSTEM IS AS SHOWN IN THIS SET OF ELECTRICAL DRAWINGS. CONTRACTOR SHALL EITHER NOTIFY THE ENGINEER OF THE DISCREPANCY OR MAKE THE NECESSARY CORRECTIONS AS REQUIRED.
- ALL CONDUCTORS SHALL BE COPPER, 75 DEGREES C RATED, AND CONDUCTOR INSULATION SHALL BE THWN OR THHN
- ALL TERMINATIONS SHALL BE LISTED AND IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS OPERATING AT 75°C
- GROUND FAULT PROTECTION REQUIRED FOR UTILITY RECEPTACLES.
- SERVICE NEUTRAL SHALL BE GROUNDED AT ONE LOCATION ONLY.
- WHITE/NEUTRAL, GREEN/GROUND SHALL BE MAINTAINED THROUGHOUT THE SITE ELECTRICAL SYSTEM.
- EQUIPMENT LOCATED OUTSIDE OR EXPOSED TO MOISTURE SHALL BE IN NEMA 3R RATED.
- CONTRACTOR SHALL USE SCHEDULE 80 PVC CONDUIT THROUGHOUT, UNLESS OTHERWISE NOTED.
- ALL NEWLY INSTALLED EQUIPMENT SHALL BE RATED AT 10K AIC MINIMUM. HIGHER RATINGS SHALL BE REQUIRED WHERE AVAILABLE FAULT CURRENT EXCEEDS THIS VALUE. EXACT FAULT CURRENT AVAILABLE SHALL BE COORDINATED WITH LOCAL UTILITY BASED ON EXACT CONDITIONS (XFMR SIZE, PERCENT IMPEDANCE, LENGTH OF CONDUCTORS, ETC, OR AS SHOWN IN THESE DRAWINGS).
- CONTRACTOR TO VERIFY THAT EXISTING POWER FEED IS AT LEAST 200A, 120/240 VAC.
- ELECTRICAL CONTRACTOR TO VERIFY ADDITIONAL/PROPOSED LOADING DOES NOT EXCEED SYSTEM CAPACITY. PLEASE NOTIFY SMW WITH ANY DISCREPANCIES.
- ANY FEEDER TAPS SHALL BE INSTALLED AS REQUIRED TO MEET THE REQUIREMENTS OF NEC SECTION 240.21. NOTE THE SUB PANEL SHALL BE CONNECTED AS SHOWN ON THIS DRAWING TO INCLUDE A MEANS OF DISCONNECT AND OVERCURRENT PROTECTION BY ADDING A TWO POLE MAIN CIRCUIT BREAKER IN A WALL MOUNTED PANEL BOARD WITH ADDITIONAL WIRING AND CONDUIT AS REQUIRED.

| | |
|------------------------------|--------|
| GENERATOR CONNECTED LOAD | 19.8KW |
| NON-GENERATOR CONNECTED LOAD | 15KW |

GENERATOR 100 AMP BREAKER



BONDING SHALL BE IN COMPLIANCE WITH NEC 408.40



11/30/2023



| | |
|-----------|-----|
| DESIGNER: | ZDS |
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| BJB | |

| | |
|----------|-----------------------------------|
| DATE | DESCRIPTION: |
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
UTILITY SITE PLAN

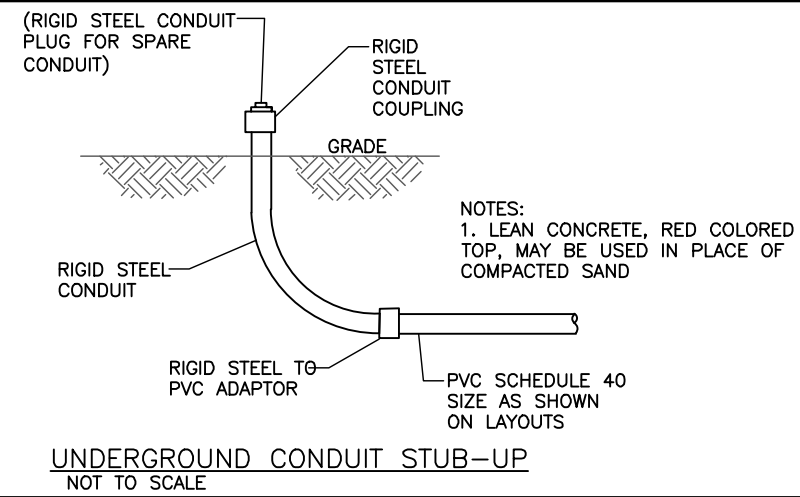
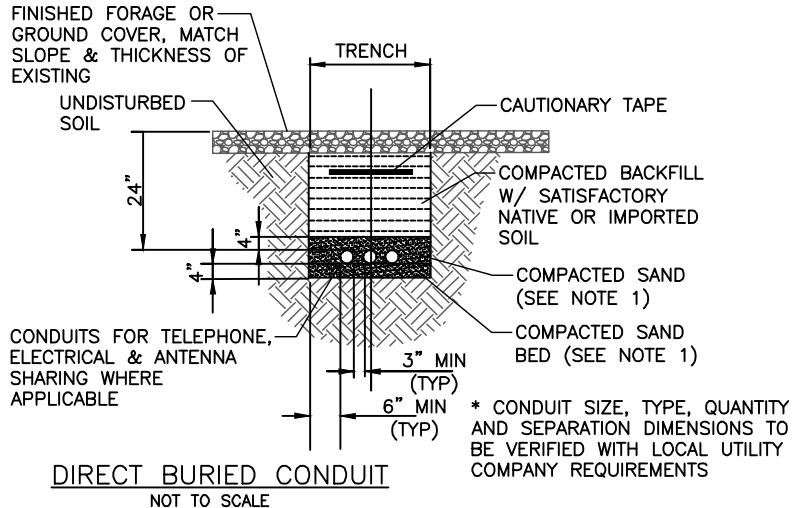
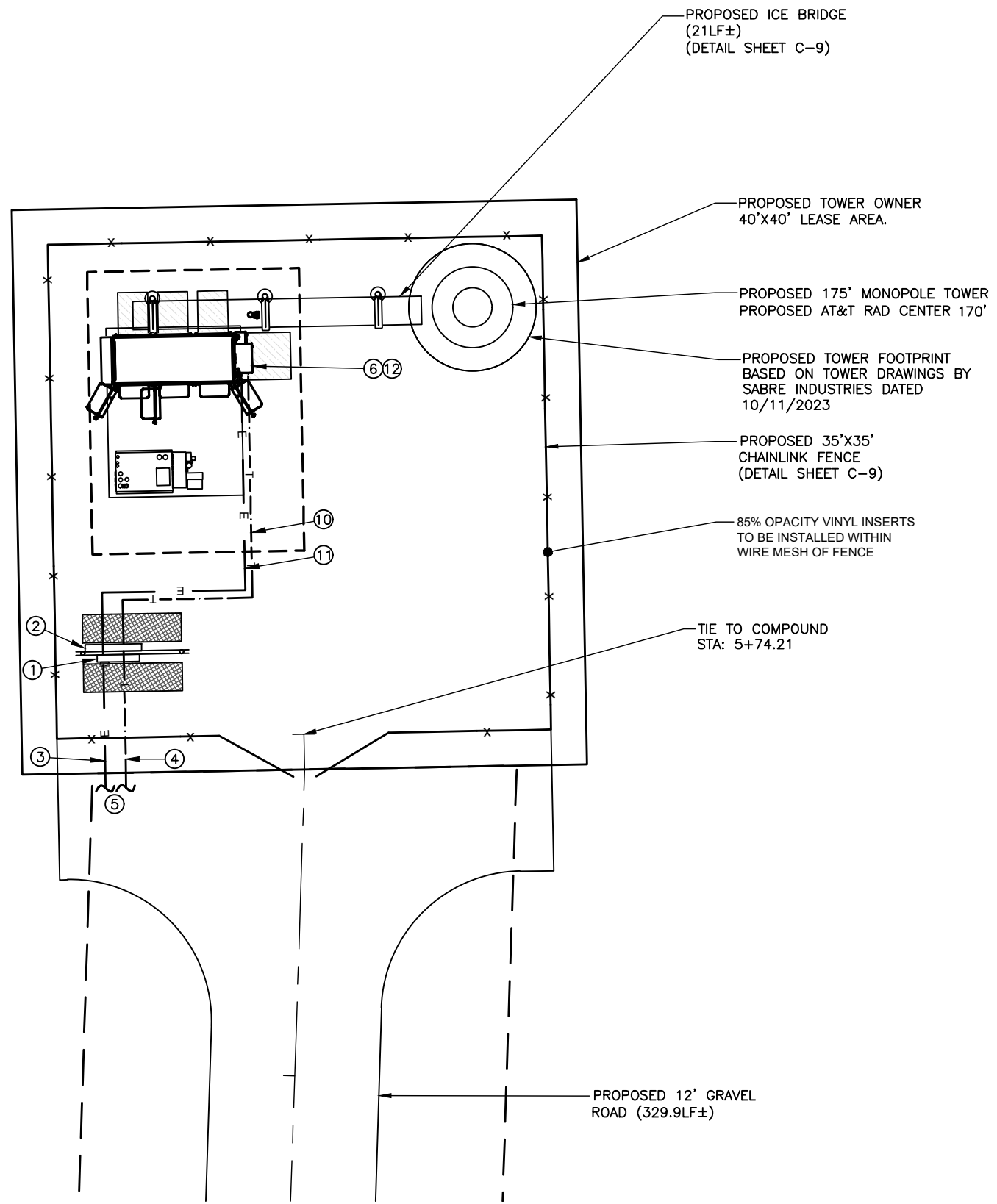
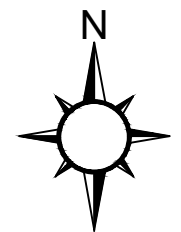
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-2

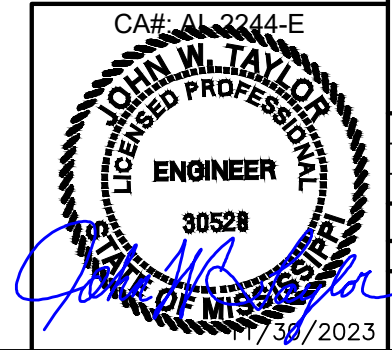
ENGINEERING GROUP, N.C.
1700 FIVE POINTS AVENUE, FORT WORTH, TX 76104
FORESITE SERVICES, LLC
SITE COORDINATES: N 32° 30' 48.075" (32.513954°)
LATITUDE: N 90° 06' 42.669" (90.111852°)
LONGITUDE: W 90° 06' 42.669" (90.111852°)

ELECTRICAL KEY NOTES

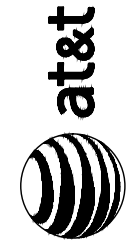
- ① PROPOSED 4 GANG METER PANEL. SEE SHEET E-5 FOR MOUNTING DETAILS. SEE SHEET E-1 FOR ELECTRICAL ONE-LINE DIAGRAM ELECTRICAL KEY NOTES
- ② PROPOSED 48"x48"x12" TELCO CABINET. SEE E-5 FOR MOUNTING DETAILS
- ③ PROPOSED (2) 3" PVC CONDUIT FOR POWER SERVICE
- ④ PROPOSED (1) 4" PVC CONDUIT W/ INNERDUCTS FOR TELCO SERVICE
- ⑤ PROPOSED SERVICE TO BE COORDINATED WITH UTILITY PROVIDER FOR FINAL CONNECTION TO EXISTING UTILITIES
- ⑥ PROPOSED ELECTRICAL LOAD CENTER
- ⑦ PROPOSED CONDUIT FOR TOWER LIGHTING, COORDINATE SIZE WITH MANUFACTURER
- ⑧ PROPOSED 100A RATED NEMA SR. LOAD CENTER FOR TOWER LIGHTING CONTROLS (TYP)
- ⑨ PROPOSED TOWER LIGHTING FLASH CONTROLLER AND PHOTOCELL (TYP)
- ⑩ PROPOSED TRENCH FOR NEW U/G TELCO SERVICES (40'±) (1) 4"Ø PVC W/ (3) 1-1/4" INNERDUCTS AND MULE TAPE FROM NEW COMMUNITY UTILITIES RACK TO NEW AT&T EQUIPMENT CABINET.
- ⑪ PROPOSED TRENCH FOR NEW U/G ELECTRICAL SERVICE (40'±) (1) 2"Ø PVC FROM NEW COMMUNITY UTILITIES RACK TO NEW AT&T EQUIPMENT CABINET.
- ⑫ PROPOSED TELCO ACCESS



1
E-2
UTILITY SITE PLAN
SCALE: 1" = 10'



TELCO REDLINES TO BE PROVIDED AT LATER DATE



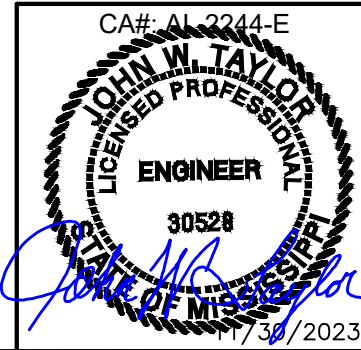
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| DATE | DESCRIPTION: | DESIGNER |
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| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

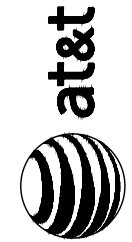
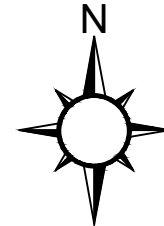
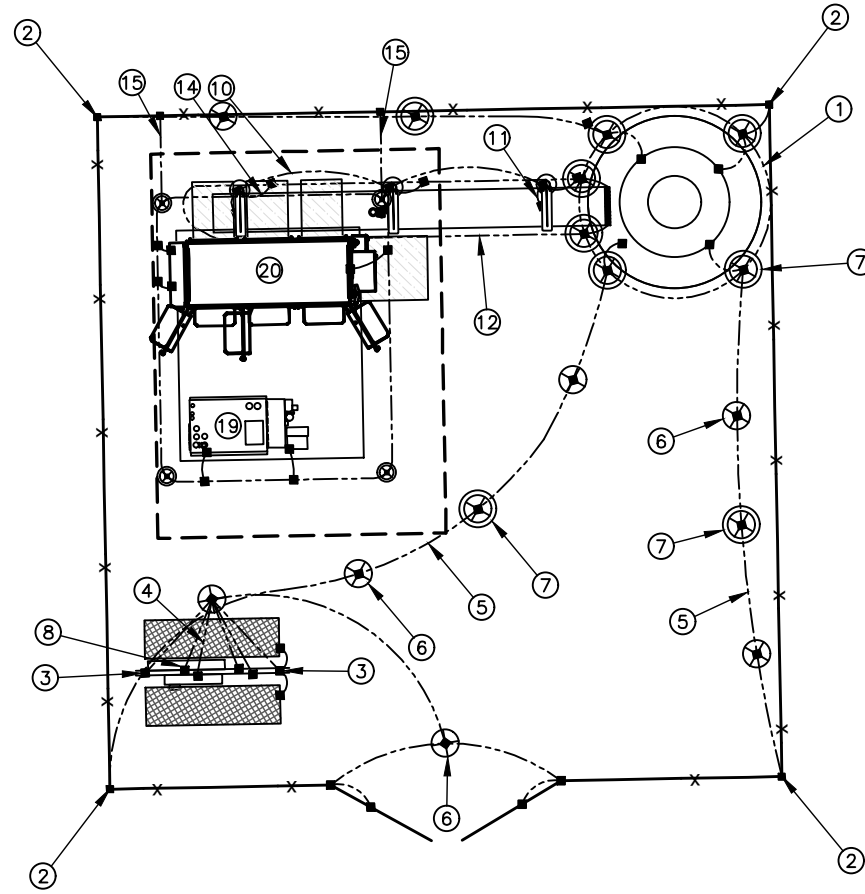
SOUTH GLUCKSTADT
 OVERALL UTILITY SITE
 PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-2.1 2



- ① #2 AWG BARE TINNED SOLID COPPER GROUND RING BURIED 30" BELOW GRADE (TYP)
- ② BOND FENCE & GATE POSTS TO GROUND RING WITH CADWELD CONNECTION (TYP)
- ③ BOND ALL H-FRAME POSTS TO GROUND RING
- ④ BOND TELCO BUSS BAR TO GROUND RING
- ⑤ BOND TOWER BASE PLATE AT EACH LEG TO TOWER GROUND RING PER TOWER OWNER SPECIFICATIONS
- ⑥ PROPOSED GROUND ROD (TYP)
- ⑦ PROPOSED GROUND ROD WITH INSPECTION WELL
- ⑧ 1-#3/0 GROUNDING TO CONDUCTOR IN 1" PVC CONDUIT TO GROUND RING
- ⑨ BOND TOWER LIGHTING CONTROLLER TO GROUND RING PER THE MANUFACTURERS SPECIFICATIONS
- ⑩ #2 AWG GREEN INSULATED JUMPER FROM ICE BRIDGE POST TO GRIPSTRUT
- ⑪ ICE BRIDGE GROUND (POST TO POST)
- ⑫ #2 AWG COPPER GROUND WIRE TO TOWER GROUND RING (TYP x2)
- ⑬ #2 AWG GREEN INSULATED JUMPER AT ICE BRIDGE SPLICES
- ⑭ #2 AWG TINNED COPPER WIRE GROUND FROM ICE BRIDGE POST TO CLOSEST GROUND RING (TYP)
- ⑮ #2 AWG GROUND FENCE POST TO SHELTER OR GENERATOR GROUND RING (TYP)

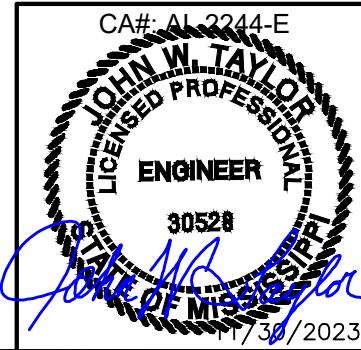


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| DATE | DESCRIPTION: | DESIGNER: |
|----------|-----------------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
GROUNDING SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

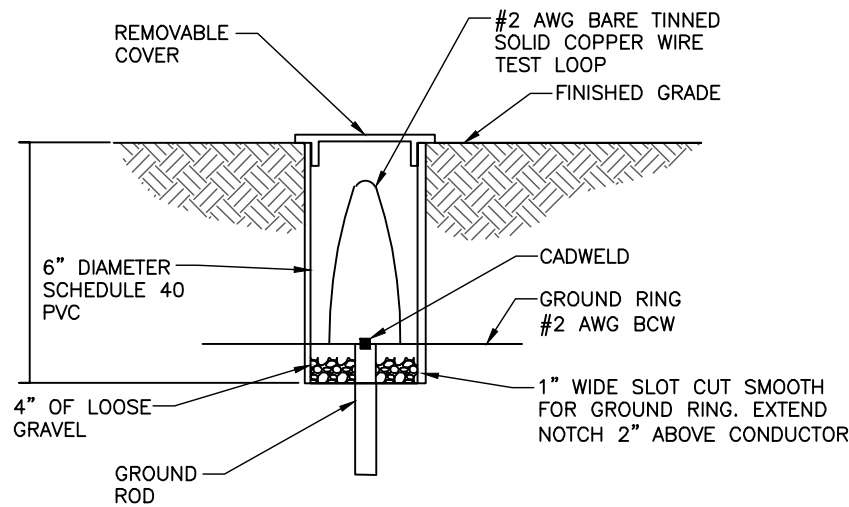


1 GROUNDING SITE PLAN
 E-3 SCALE: 1"=10'

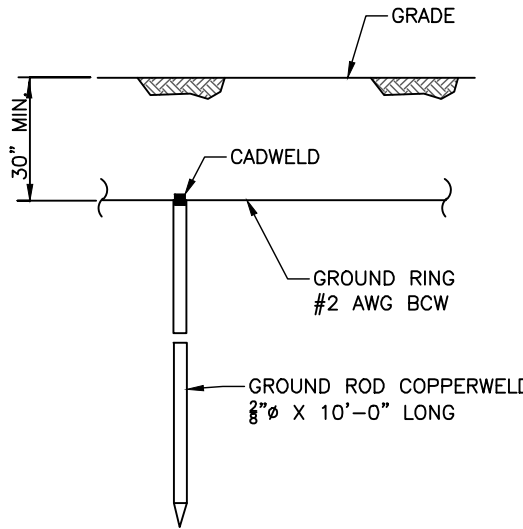
E-3 2



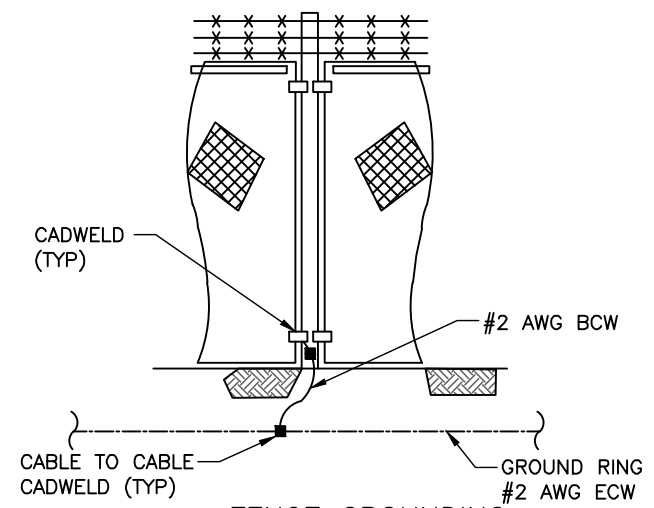
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



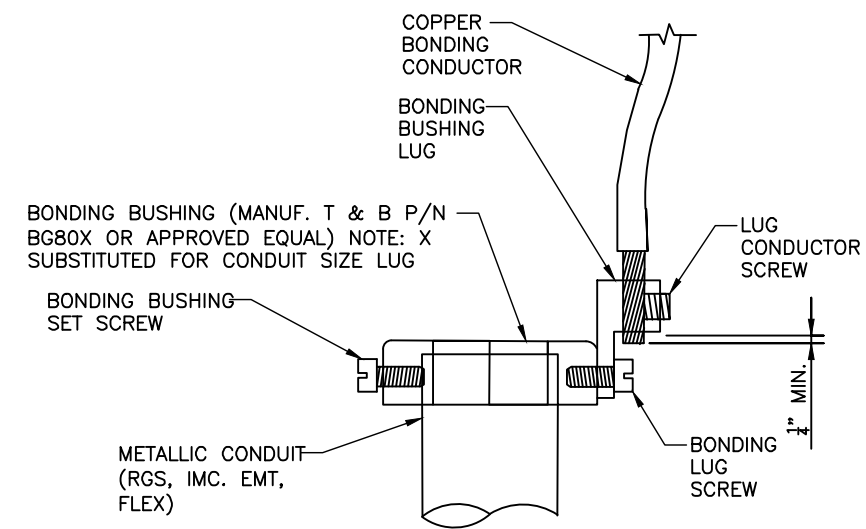
6" GROUND ROD INSPECTION WELL
 NOT TO SCALE



GROUND ROD DETAIL
 NOT TO SCALE



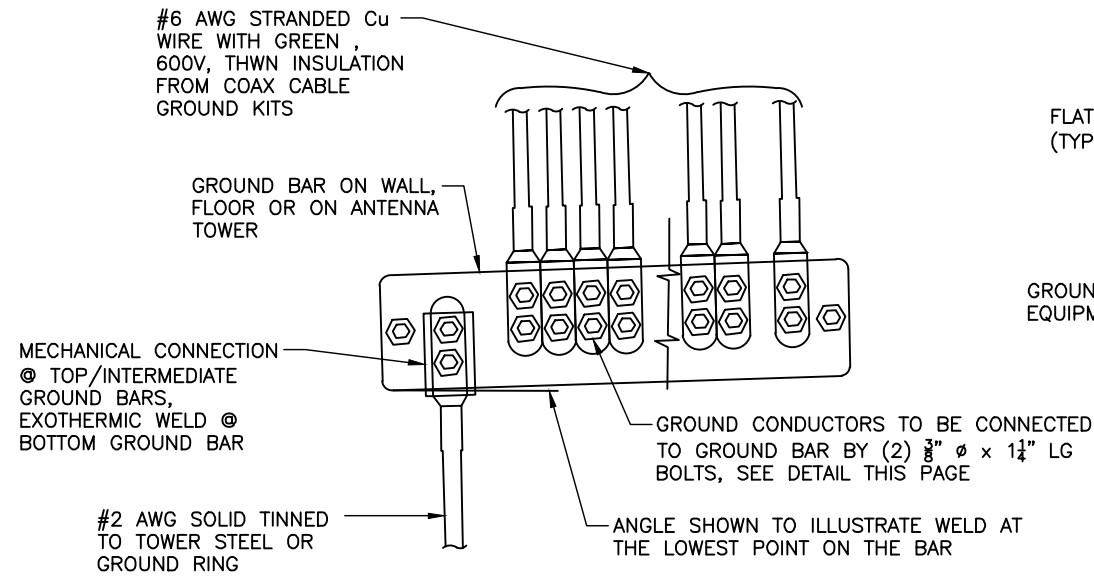
FENCE GROUNDING
 NOT TO SCALE



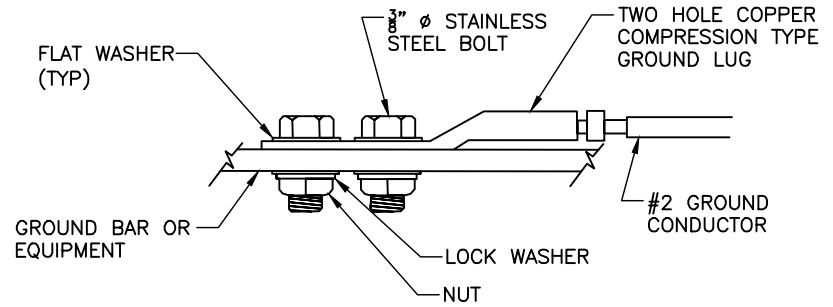
- DIRECTIONS:
1. MOUNT BONDING BUSHING INTO CONDUIT
 2. TIGHTEN BOND BUSHING SET SCREW
 3. INSERT COPPER CONDUCTOR INTO LUG
 4. TIGHTEN LUG CONDUCTOR SCREW
 5. TIGHTEN BONDING LUG SCREW

NOTE: BONDING BUSHING, SET SCREW, LUG, LUG SCREW, CONDUCTORS, LUG SCREW SHOWN AS COMPLETE UNIT

CONDUIT BOND/GROUND BUSHING
 NOT TO SCALE



INSTALLATION OF GROUND WIRE TO COAX CABLE GROUND BARE
 NOT TO SCALE

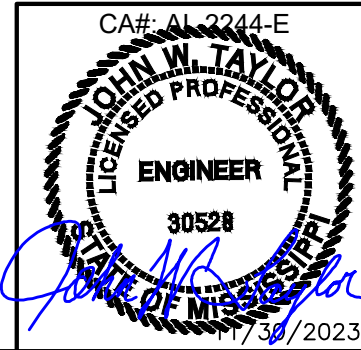


MECHANICAL GROUND CONNECTION
 NOT TO SCALE

| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT

GROUNDING DETAILS



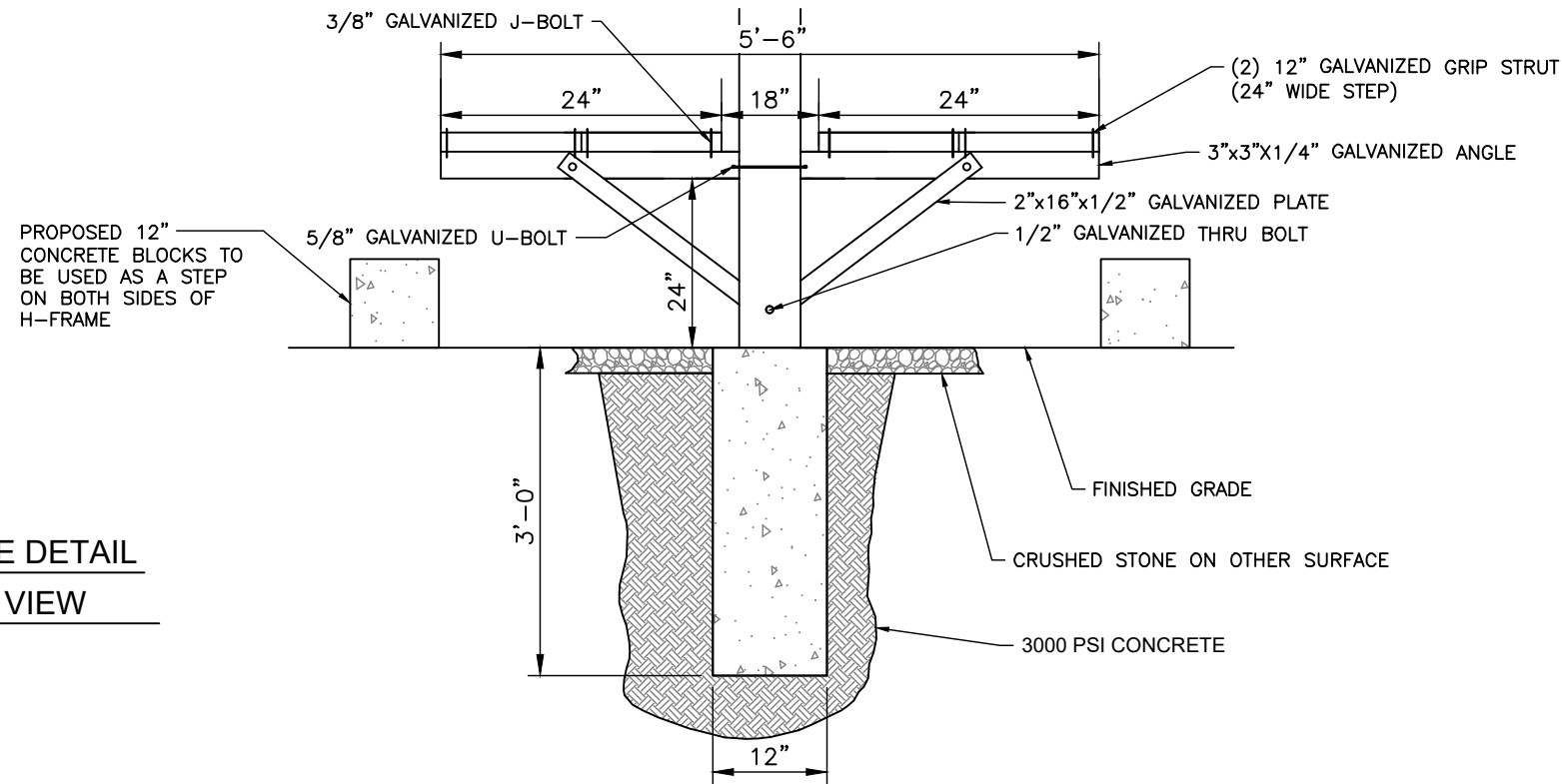
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-4



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

**H-FRAME DETAIL
 SIDE VIEW**

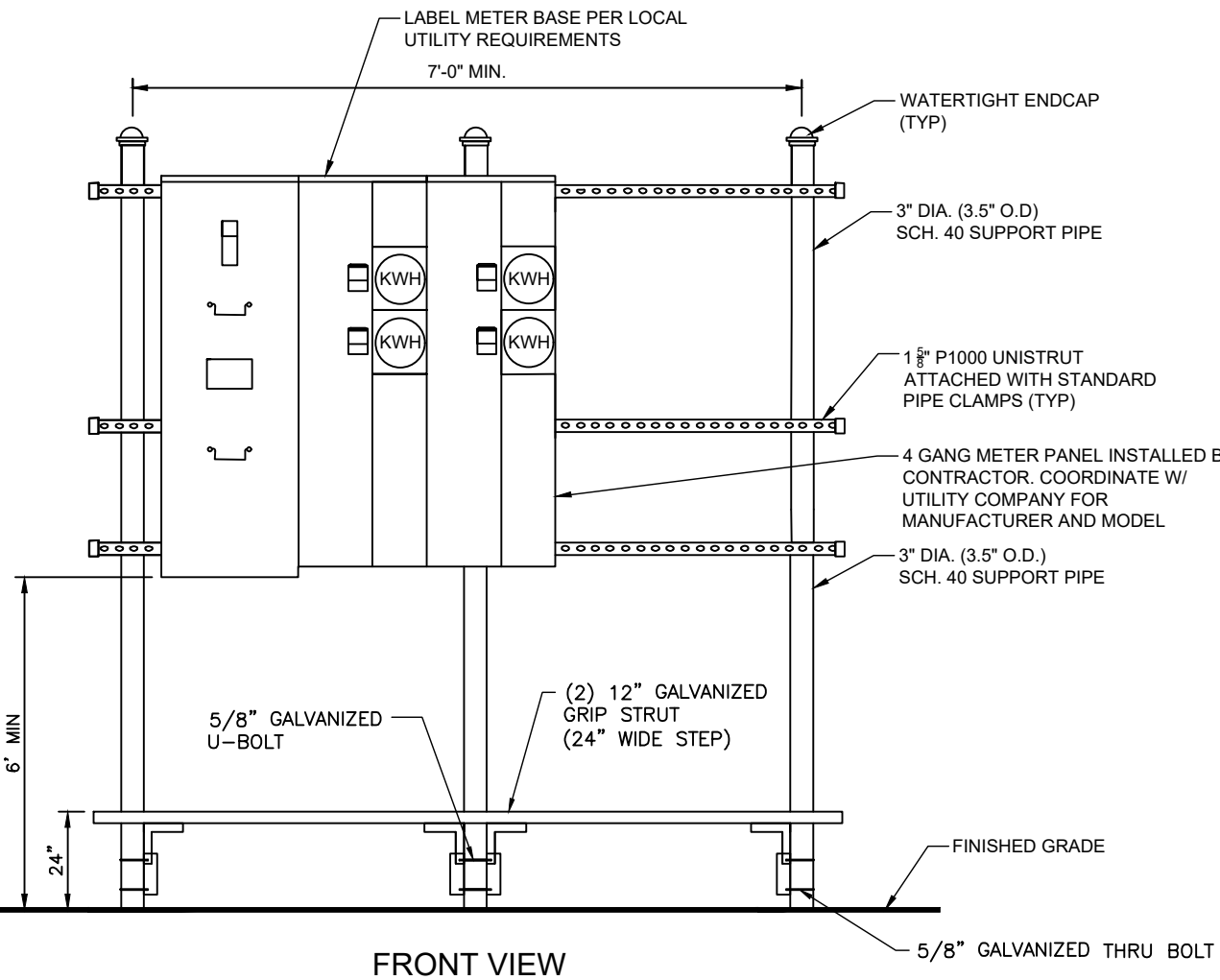


PROPOSED 12" CONCRETE BLOCKS TO BE USED AS A STEP ON BOTH SIDES OF H-FRAME

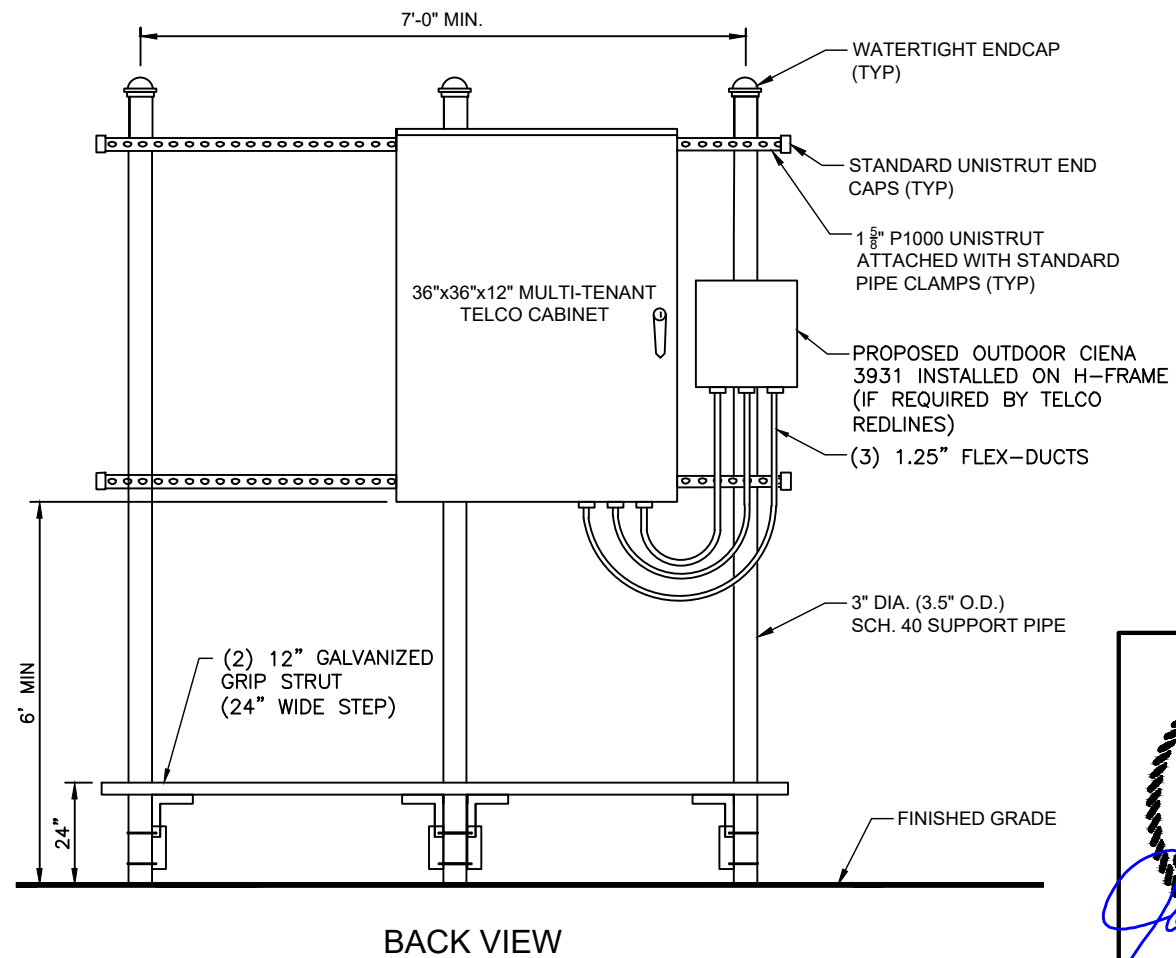
| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |

**SOUTH GLUCKSTADT
 UTILITY FRAME DETAILS -
 STEP-UP**

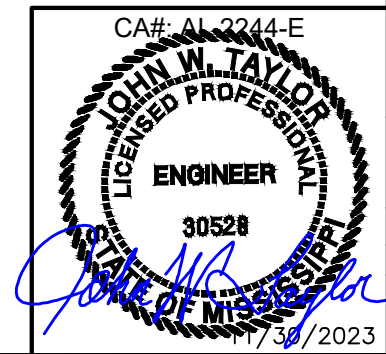
| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| E-5 | 2 |



FRONT VIEW

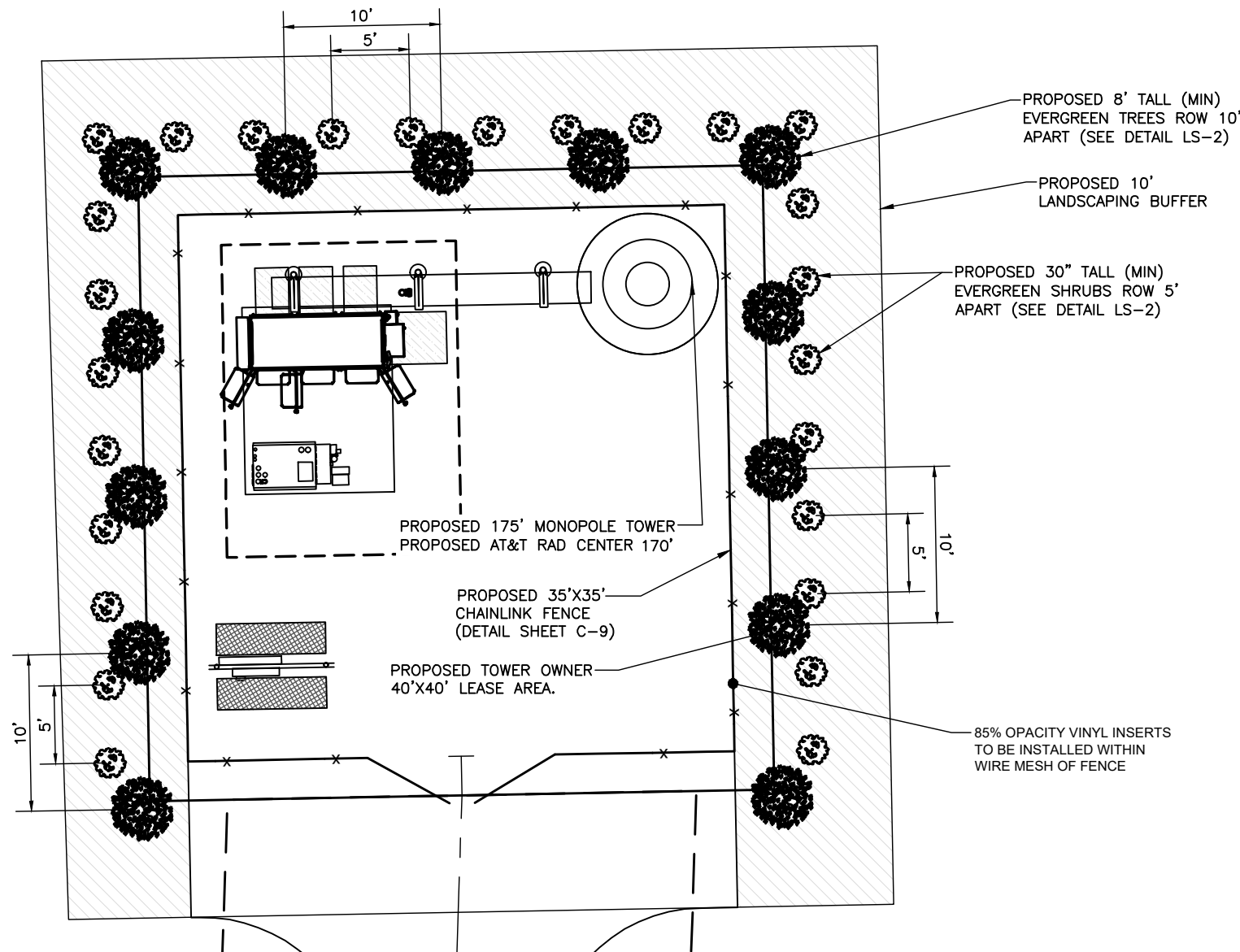
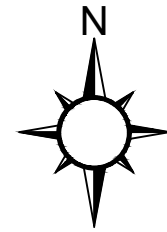


BACK VIEW

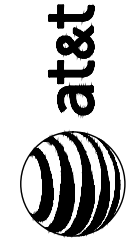


PLANTING SCHEDULE

| KEY | QTY | BOTANICAL NAME | COMMON NAME | SIZE | TYPE | SPACING | SYMBOL | REMARKS |
|-----|-----|---------------------------|-----------------------|------|-------------------|-------------|--------|--------------------|
| Lc | 17 | Ilex opaca 'cv' 'Howardi' | American Holly Hybrid | 8' | UPRIGHT EVERGREEN | 10' MAXIMUM | | FULL TO BASE |
| Ich | 57 | Ilex crenata 'Helleri' | Helleri Holly | 30" | SHRUB EVERGREEN | 5'-0" O.C. | | B & B OR CONTAINER |

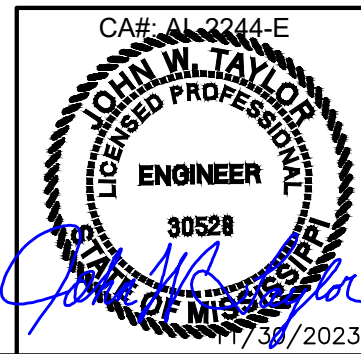


1 LANDSCAPING SITE PLAN
 LS-1 SCALE: 1"=10'



| DESIGNER: | DATE | DESCRIPTION: |
|-----------|----------|-----------------------------------|
| ZDS | 01/26/23 | ISSUED FOR CLIENT REVIEW |
| AMD | 07/24/23 | ISSUED FOR ZONING |
| AMD | 08/15/23 | REVISED PER CONCRETE PAD |
| AMD | 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| BJB | 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
 LANDSCAPING SITE
 PLAN



| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| LS-1 | 2 |



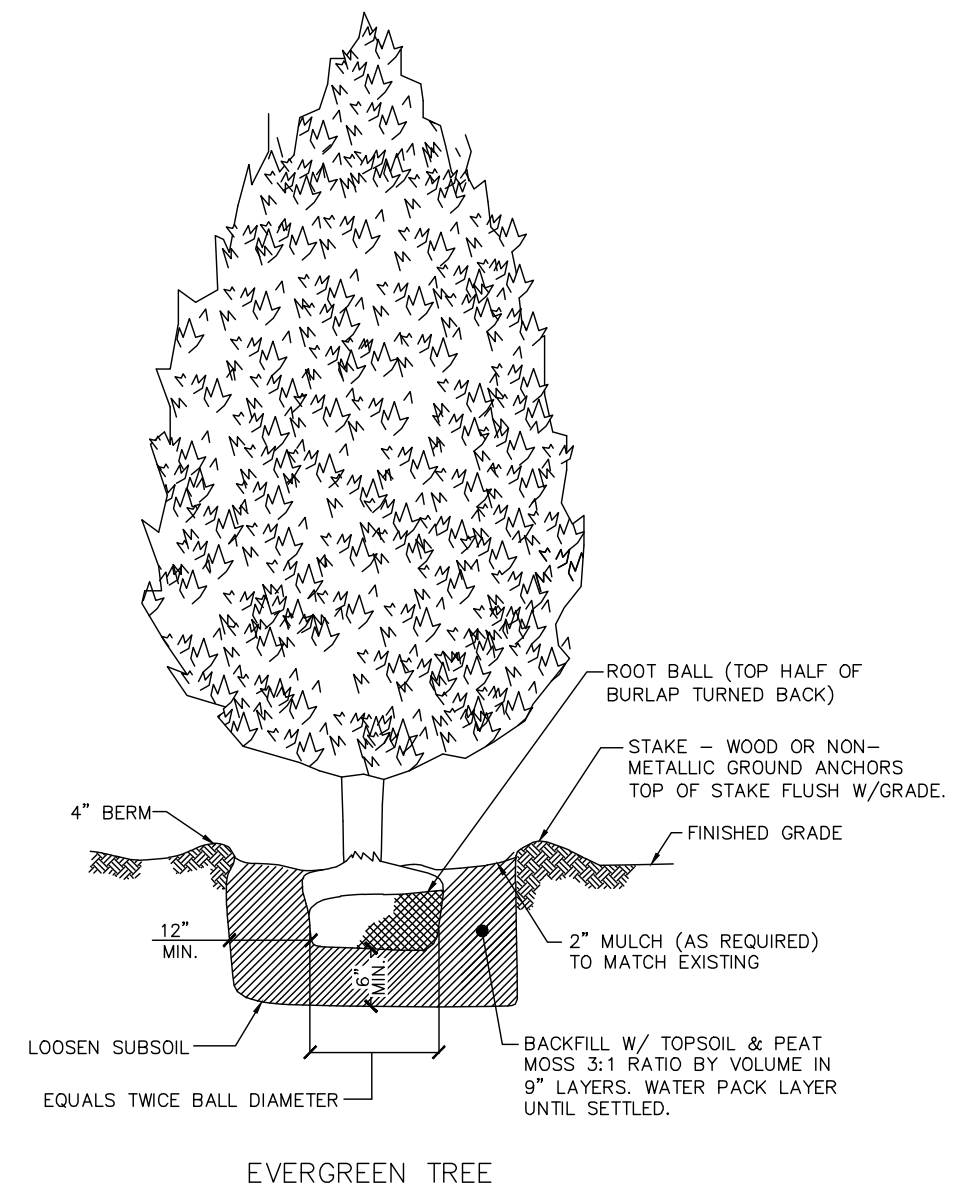
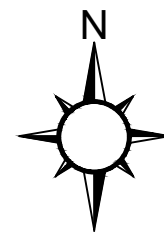
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| DESIGNER | DATE | DESCRIPTION |
|----------|----------|-----------------------------------|
| ZDS | 01/26/23 | ISSUED FOR CLIENT REVIEW |
| AMD | 07/24/23 | ISSUED FOR ZONING |
| AMD | 08/15/23 | REVISED PER CONCRETE PAD |
| AMD | 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| BJB | 11/30/23 | REVISED PER JRX COMMENTS |

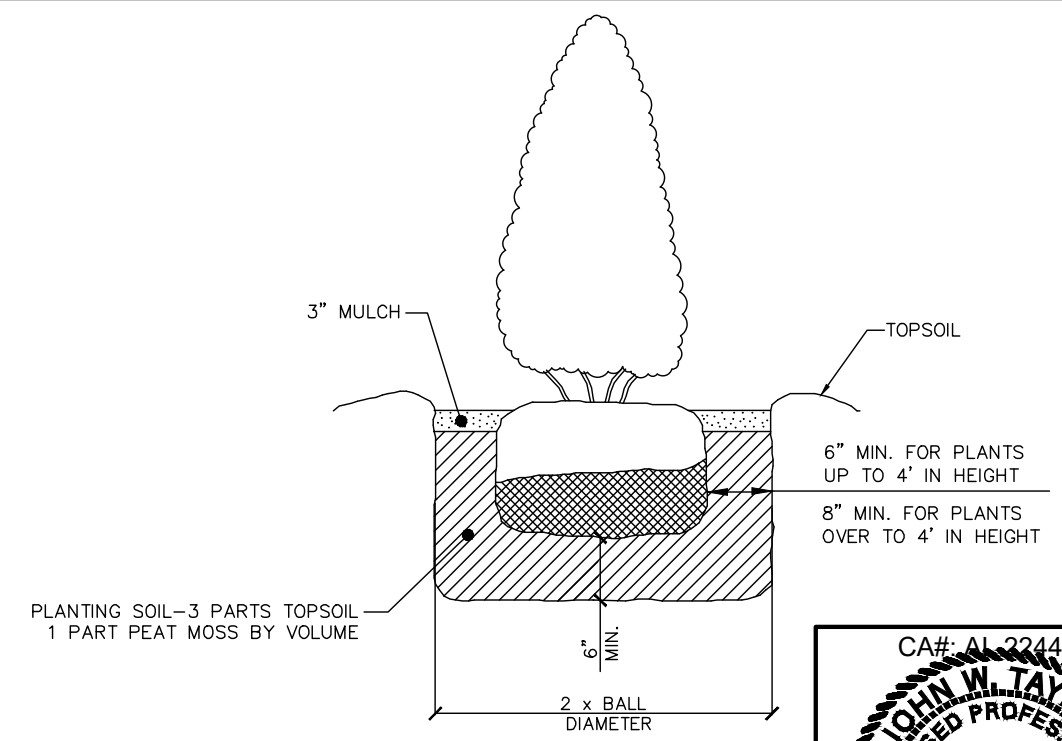
**SOUTH GLUCKSTADT
 LANDSCAPING SITE
 PLAN**

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

LS-2 2



- NOTES:**
1. EVERGREEN TREE SHALL BE MIN. 8'-0" IN HEIGHT AT TIME OF PLANTING.
 2. EVERGREEN SHRUB SHALL BE A MIN. 30" IN HEIGHT AT TIME OF PLANTING



1 PLANTING DETAILS – EVERGREEN TREES

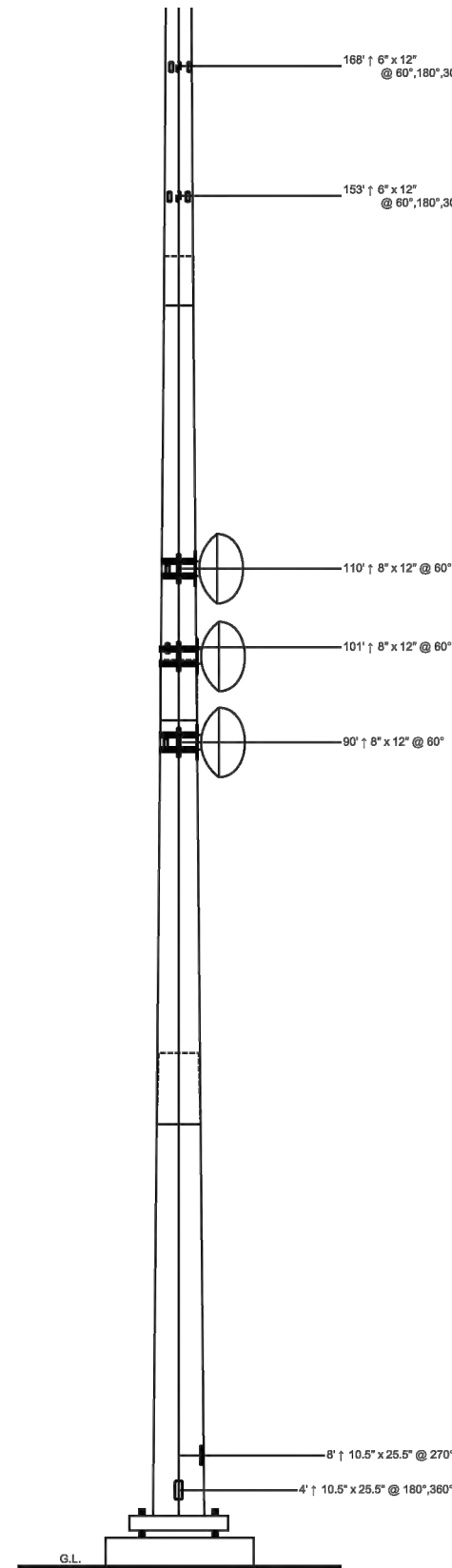
N.T.S.

2 EVERGREEN SHRUB

N.T.S.

11/30/2023

| | | | | | |
|---------------------------|--------|---------|---------|---------|--------|
| Length (ft) | 53'-3" | 18 | 53'-6" | 53'-6" | 34'-9" |
| Number Of Sides | 3/6" | 8" - 8" | 7" - 0" | 5" - 9" | 1/4" |
| Thickness (in) | 57.01" | 48.06" | 38.72" | 33" | 40.45" |
| Lap Splice (ft) | 68.43" | 59.53" | 50.19" | | |
| Top Diameter (in) | | | | | |
| Bottom Diameter (in) | | | | | |
| Taper (in/ft) | | | | | |
| Grade | | | | | |
| Weight (lbs) | 16040 | 12313 | 8532 | 4200 | |
| Overall Steel Height (ft) | | | | | |



| Elev | Description | Tx-Line |
|------|---|------------|
| 170 | (1) 278 sq. ft. EPA 6000# (no ice) | (9) 1 5/8" |
| 155 | (1) 278 sq. ft. EPA 6000# (no ice) | (9) 1 5/8" |
| 110 | (1) Dish Mount (Monopole Only) - Pipe Mount (8'-10' Dish) | |
| 110 | (1) 8' Solid Dish W/ Radome | (1) EW63 |
| 100 | (1) Dish Mount (Monopole Only) - Pipe Mount (8'-10' Dish) | |
| 100 | (1) 8' Solid Dish W/ Radome | (1) EW63 |
| 90 | (1) Dish Mount (Monopole Only) - Pipe Mount (8'-10' Dish) | |
| 90 | (1) 8' Solid Dish W/ Radome | (1) EW63 |

| | |
|--------------------------------------|---------------------------------------|
| Wind Speed (No Ice) | 109 mph |
| Wind Speed (Ice) | 30 mph |
| Design Ice Thickness | 1.00 in |
| Risk Category | II |
| Exposure Category | C |
| Topographic Factor Procedure | Method 1 (Simplified) |
| Topographic Category | 1 |
| Ground Elevation | 278 ft |
| Seismic Importance Factor, Ie | 1.00 |
| 0.2-sec Spectral Response, Ss | 0.152 g |
| 1-sec Spectral Response, S1 | 0.088 g |
| Site Class | D (DEFAULT) |
| Seismic Design Category | C |
| Basic Seismic Force-Resisting System | Telecommunication Tower (Pole: Steel) |

| Load Combination | Axial (kips) | Shear (kips) | Moment (ft-k) | Deflection (ft) | Sway (deg) |
|-----------------------------------|--------------|--------------|---------------|-----------------|------------|
| 1.2 D + 1.0 Wo | 63.4 | 47.32 | 6208.1 | 9.5 | 5.38 |
| 0.9 D + 1.0 Wo | 47.58 | 47.35 | 6152.06 | 9.39 | 5.32 |
| 1.2 D + 1.0 Di + 1.0 Wi | 91.65 | 5.69 | 754.48 | 1.18 | 0.67 |
| 1.2 D + 1.0 Ev + 1.0 Eh | 67.06 | 1.69 | 251.33 | 0.4 | 0.23 |
| 0.9 D - 1.0 Ev + 1.0 Eh | 47.21 | 1.69 | 247.69 | 0.4 | 0.22 |
| 1.0 D + 1.0 Wo (Service @ 60 mph) | 52.83 | 12.84 | 1675.82 | 2.58 | 1.45 |

| Shape | Diameter | Thickness | Bolt Circle | Bolt Qty | Bolt Diameter |
|-------|----------|-----------|-------------|----------|---------------|
| Round | 81.25" | 2" | 75.5" | 20 | 2.25" |

| Length | Diameter | Hole Diameter | Weight | Type | Finish |
|--------|----------|---------------|--------|---------|--------|
| 84" | 2.25" | 2.625" | 2422 | A615-75 | Galv |

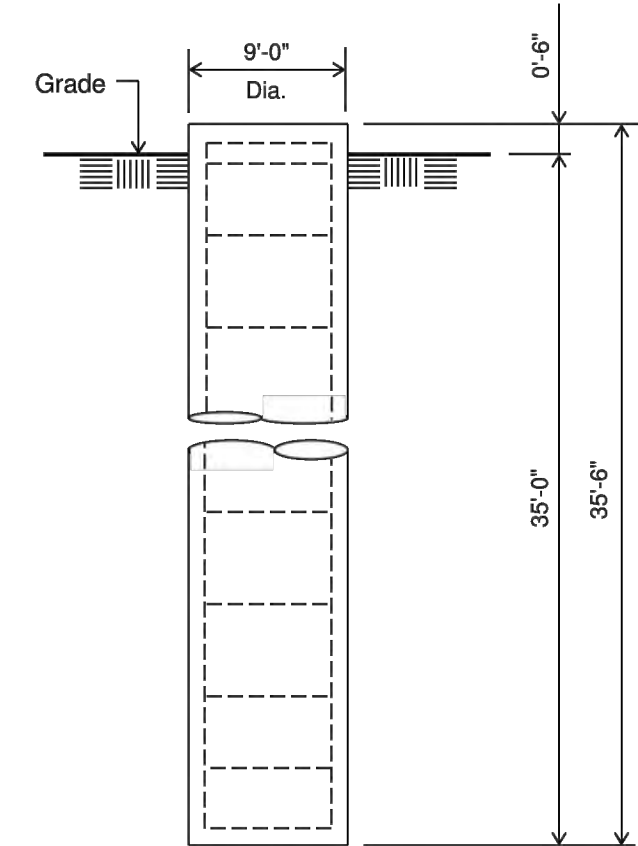
- Notes**
- 1) Antenna Feed Lines Run Inside Pole
 - 2) All dimensions are above ground level, unless otherwise specified.
 - 3) Weights shown are estimates. Final weights may vary.
 - 4) Full Height Step Bolts
 - 5) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2018 International Building Code.
 - 6) Tower Rating: 95.3%



No.: 24-2329-TJH
Date: 10/11/23
By: DO

Section 10, Item B)

Customer: TILLMAN INFRASTRUCTURE, LLC
Site: TI-OPP-30590, MS
175' Monopole



ELEVATION VIEW
(83.64 Cu. Yds.)
(1 REQUIRED; NOT TO SCALE)

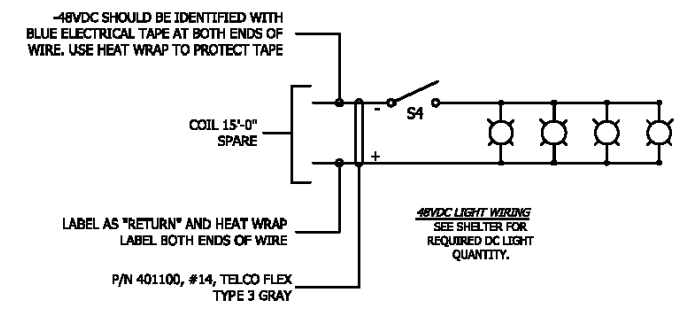
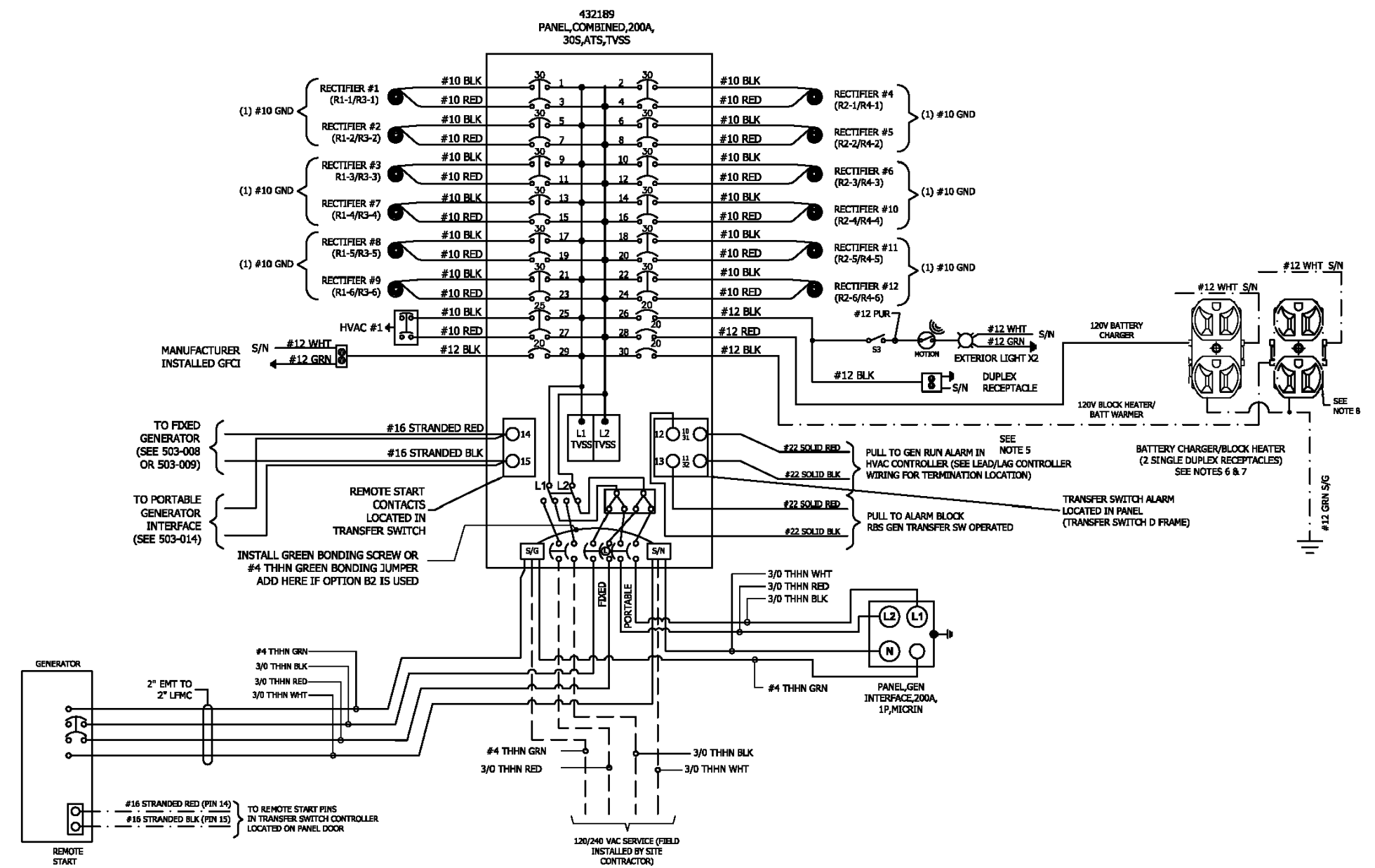
- Notes:**
- 1) Concrete shall have a minimum 28-day compressive strength of 4,500 psi, in accordance with ACI 318-14.
 - 2) Rebar to conform to ASTM specification A615 Grade 60.
 - 3) All rebar to have a minimum of 3" concrete cover.
 - 4) All exposed concrete corners to be chamfered 3/4".
 - 5) The foundation design is based on the geotechnical report by GE Project No. 10027.01, Date: 7/18/2023
 - 6) See the geotechnical report for drilled pier installation requirements, if specified.
 - 7) This foundation is designed for a max capacity ratio of 90%.
 - 8) The bottom anchor bolt template shall be positioned as closely as possible to the bottom of the anchor bolts.

| | | |
|--|--|-------------------------|
| | Sabre Industries 7101 Southbridge Drive P.O. Box 658 Sioux City, IA 51102-0658 Phone: (712) 258-6690 Fax: (712) 279-0814 | Job: 24-2329-TJH |
| | Customer: TILLMAN INFRASTRUCTURE, LLC | |
| | Site Name: TI-OPP-30590, MS | |
| | Description: 175' Monopole | |
| | Date: 10/11/2023 | |
| | By: DO | |

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| | |
|------|--|
| Pier | (48) #10 vertical rebar w/ #5 ties, (2) within top 5" of pier, then 6" C/C |
|------|--|

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT



- NOTES:**
- DO NOT SHARE NEUTRALS UNLESS OTHERWISE SPECIFIED.
 - WHEN AC & DC WIRING IS LOCATED IN THE SAME BOX, ENCLOSURE, OR WIREWAY, WIRES MUST BE LABELED WITH VOLTAGE TYPE.
 - DC VOLTAGE IS NEGATIVE FEED, CHANGE CONNECTION POINTS AT DEVICES SO THAT BLACK WIRES ARE CONNECTED TO POSITIVE(+) TERMINALS AND RED WIRES ARE CONNECTED TO NEGATIVE(-) TERMINALS.
 - ALL WIRES TO BE THHN TYPE RATED 90°C.
 - IF OPTION "R2" (FIKE SYSTEM) IS CHOSEN, PLACE A 15A BREAKER ON CIRCUIT 42. OPTION "Q4" NOT AVAILABLE WITH OPTION "R2".
 - LABEL BREAKERS IN PTLG PANEL AS FOLLOWS:
(1) BREAKER "GEN BLOCK HTR & BATT WARMER"
(1) BREAKER "GEN BATT CHARGER"
 - LABEL EACH RECEPTACLE SAME AS IN PTLG PANEL.
 - OPTIONAL RECEPTACLE. USE ONLY WHEN REQUIRED.
 - ENSURE NEUTRAL & GROUND ARE NOT BONDED ON GENERATOR.

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Sabre Industries
 Building Systems by Cellixion
 5031 Hazel Jones Road
 Bossier City, LA 71111
 Voice: (318) 213-2900
 Fax: (318) 213-2919
 www.sabreindustries.com

CUSTOMER:
AT&T MOBILITY

PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER AC ELECTRICAL WIRING DIAGRAM

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |

SHEET NO.
6-1

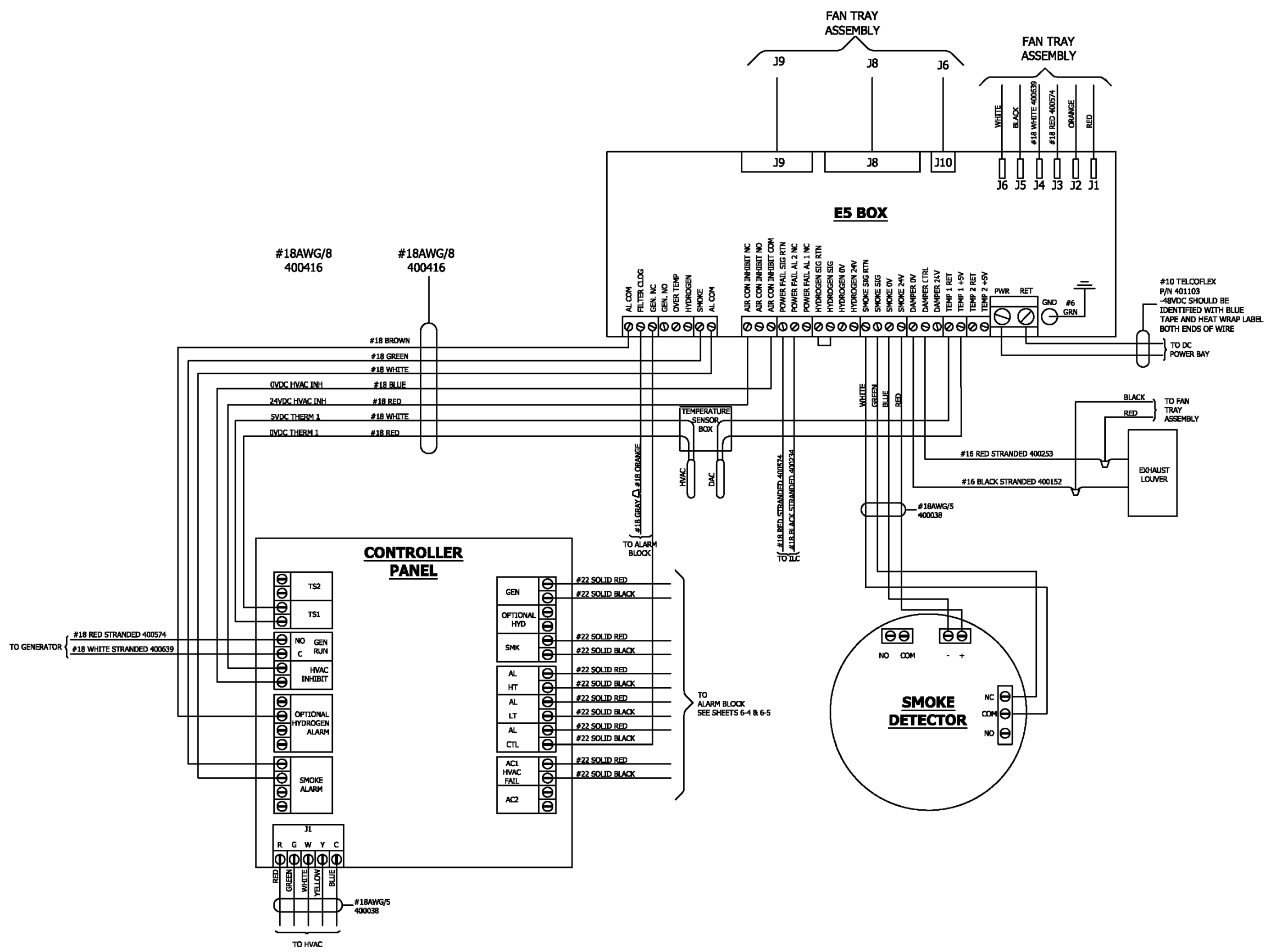
| | |
|--------------|-------|
| DRAWING NO.: | REV.: |
| SATN72 | C |

| | | | | | |
|-----|-----|----------|---------------------|---------|----------|
| C | MDF | 05/30/18 | UPDATED PER CHANGES | M. FOUQ | 05/31/18 |
| REV | BY | DATE | DESCRIPTION | APP. BY | DATE |

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CUSTOMER:
AT&T MOBILITY

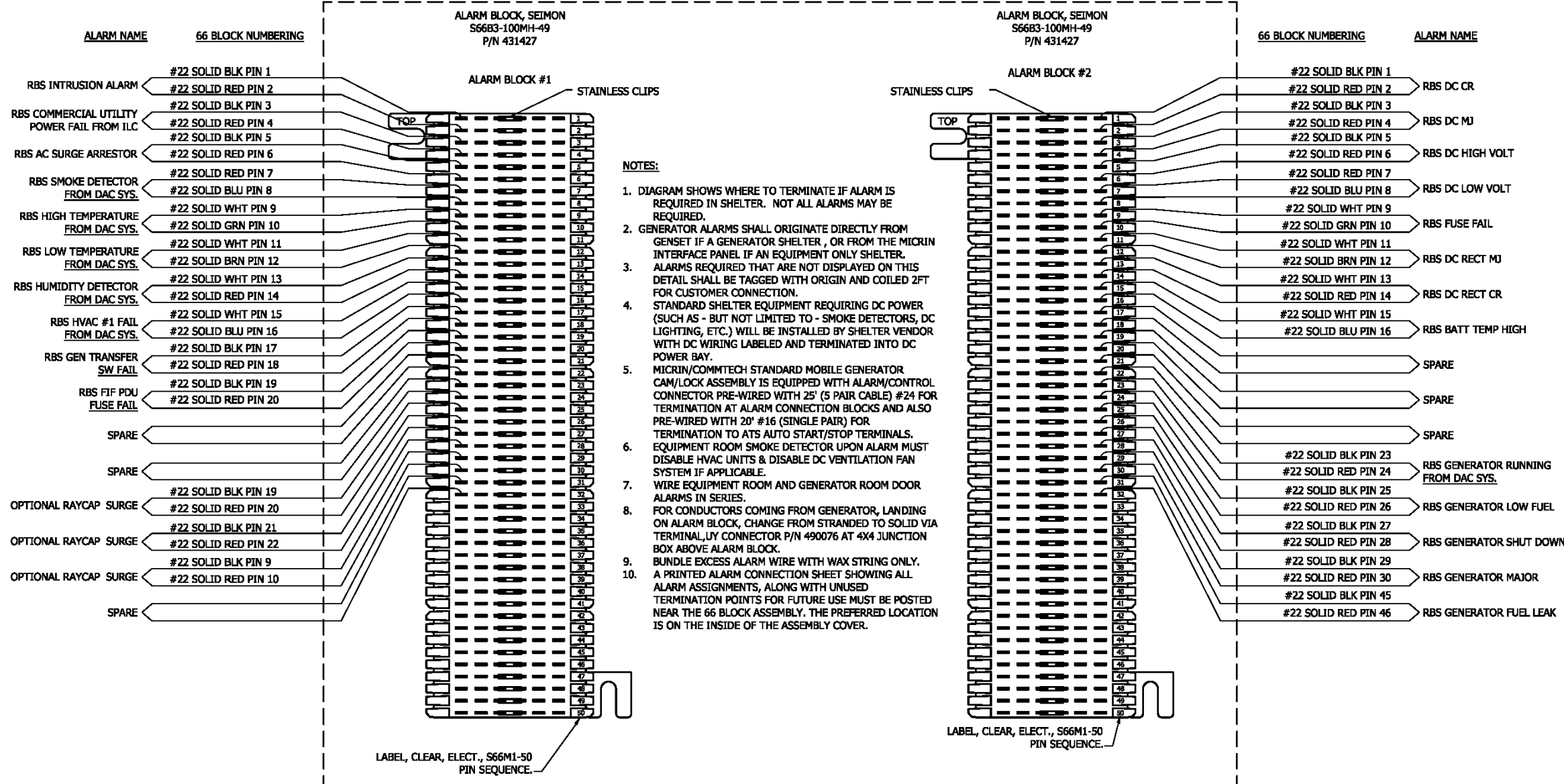
PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER DAC SYSTEM WIRING DIAGRAM

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |

SHEET NO.
6-3

| | |
|------------------------|------------|
| DRAWING NO.: SATN72 | REV.: C |
|------------------------|------------|

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5031 Hazel Jones Road
Bossier City, LA 71111
Voice: (318) 213-2900
Fax: (318) 213-2919
www.sabreindustries.com

CUSTOMER:
AT&T MOBILITY

PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER ALARM BLOCK WIRING DIAGRAM

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ. | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |
| SHEET NO. 6-5 | |
| DRAWING NO.: SATN72 | REV.: C |

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT

Model: 20REOZK

KOHLER Power Systems

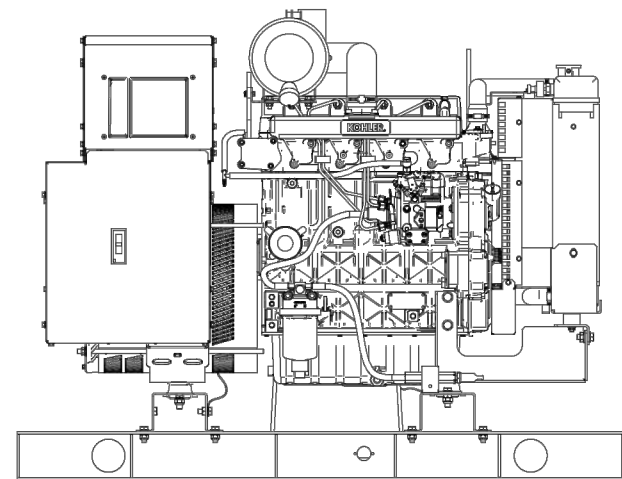
208-600 V

Diesel



Ratings Range

| | | 60 Hz | |
|----------|-----|-----------|--|
| Standby: | kW | 18.0-23.0 | |
| | kVA | 18.0-28.8 | |
| Prime: | kW | 16.5-20.0 | |
| | kVA | 16.5-25.0 | |



Generator Set Ratings

| Alternator | Voltage | Ph | Hz | 130°C Rise Standby Rating | | 105°C Rise Prime Rating | |
|------------|---------|----|----|---------------------------|------|-------------------------|------|
| | | | | kW/kVA | Amps | kW/kVA | Amps |
| 4D3.8 | 120/208 | 3 | 60 | 20.0/25.0 | 69.4 | 19.0/23.8 | 65.9 |
| | 127/220 | 3 | 60 | 20.0/25.0 | 65.6 | 18.5/23.1 | 60.7 |
| | 120/240 | 3 | 60 | 20.0/25.0 | 60.1 | 19.0/23.8 | 57.1 |
| | 120/240 | 1 | 60 | 18.0/18.0 | 75.0 | 16.5/16.5 | 68.8 |
| | 139/240 | 3 | 60 | 20.0/25.0 | 60.1 | 18.5/23.1 | 55.6 |
| | 220/380 | 3 | 60 | 19.5/24.4 | 37.0 | 18.5/23.1 | 35.1 |
| | 277/480 | 3 | 60 | 20.0/25.0 | 30.1 | 18.5/23.1 | 27.8 |
| | 347/600 | 3 | 60 | 20.0/25.0 | 24.1 | 18.5/23.1 | 22.3 |
| 4D5.0 | 120/208 | 3 | 60 | 23.0/28.8 | 79.8 | 20.0/25.0 | 69.4 |
| | 127/220 | 3 | 60 | 23.0/28.8 | 75.4 | 20.0/25.0 | 65.6 |
| | 120/240 | 3 | 60 | 23.0/28.8 | 69.2 | 20.0/25.0 | 60.1 |
| | 120/240 | 1 | 60 | 22.0/22.0 | 91.7 | 20.0/20.0 | 83.3 |
| | 139/240 | 3 | 60 | 23.0/28.8 | 69.2 | 20.0/25.0 | 60.1 |
| | 220/380 | 3 | 60 | 22.0/27.5 | 41.8 | 20.0/25.0 | 38.0 |
| 4E3.8 | 277/480 | 3 | 60 | 23.0/28.8 | 34.6 | 20.0/25.0 | 30.1 |
| | 347/600 | 3 | 60 | 23.0/28.8 | 27.7 | 20.0/25.0 | 24.1 |
| 4E3.8 | 120/240 | 1 | 60 | 22.0/22.0 | 91.7 | 20.0/20.0 | 83.3 |

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor. *Standby Ratings:* Standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. *Prime Power Ratings:* At varying load, the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-6528-1 and ISO-3046-1. For limited running time and continuous ratings, consult the factory. Obtain the technical information bulletin (TIB-101) for ratings guidelines, complete ratings definitions, and site condition derates. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. G5-435 (20REOZK) 1/15c

Standard Features

- Kohler Co. provides one-source responsibility for the generating system and accessories.
- The generator set and its components are prototype-tested, factory-built, and production-tested.
- The 60 Hz generator set offers a UL 2200 listing.
- The generator set accepts rated load in one step.
- The 60 Hz generator set meets NFPA 110, Level 1, when equipped with the necessary accessories and installed per NFPA standards.
- The generator set engine is certified to meet the Environmental Protection Agency (EPA) emergency stationary emissions requirements.
- A one-year limited warranty covers all generator set systems and components. Two- and five-year extended limited warranties are also available.
- Alternator features:
 - Kohler's wound field excitation system with its unique PowerBoost™ design delivers great voltage response and short-circuit capability.
 - The brushless, rotating-field alternator has broadrange reconnectability.
- Other features:
 - Kohler designed controllers for guaranteed system integration and remote communication. See Controllers on page 3.
 - The low coolant level shutdown prevents overheating (standard on radiator models only).
 - Integral vibration isolation eliminates the need for under-unit vibration spring isolators.

Alternator Specifications

| Specifications | Alternator |
|--|-------------------------------|
| Manufacturer | Kohler |
| Type | 4-Pole, Rotating-Field |
| Exciter type | Brushless, Wound Field |
| Leads: quantity, type | 12, Reconnectable |
| | 4, 110-120/220-240 |
| Voltage regulator | Solid State, Volts/Hz |
| Insulation: | NEMA MG1 |
| Material | Class H |
| Temperature rise | 130°C, Standby |
| Bearing: quantity, type | 1, Sealed |
| Coupling | Flexible Disc |
| Amortisseur windings | Full |
| Voltage regulation, no-load to full-load | Controller Dependent |
| One-step load acceptance | 100% of Rating |
| Unbalanced load capability | 100% of Rated Standby Current |
| Peak motor starting kVA: | (35% dip for voltages below) |
| 480 V | 4D3.8 (12 lead) |
| 480 V | 4D5.0 (12 lead) |
| 240 V | 4E3.8 (4 lead) |
| | 54 |
| | 65 |
| | 31 |

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and drip-proof construction.
- Windings are vacuum-impregnated with epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.

Application Data

Engine

| Engine Specifications | |
|---|--|
| Manufacturer | Kohler Diesel |
| Engine model | KD12504M |
| Engine type | 4-Cycle, Naturally Aspirated |
| Cylinder arrangement | 4 Inline |
| Displacement, L (cu. in.) | 2.5 (158) |
| Bore and stroke, mm (in.) | 88 x 102 (3.46 x 4.02) |
| Compression ratio | 18:1 |
| Piston speed, m/min. (ft./min.) | 367 (1206) |
| Main bearings: quantity, type | 5, Sleeve |
| Rated rpm | 1800 |
| Max. power at rated rpm, kWm (BHP) | 29.7 (39.9) |
| Cylinder head material | Cast Iron |
| Crankshaft material | Cast Iron |
| Valve material: | |
| Intake | Stainless Steel |
| Exhaust | Stainless Steel |
| Governor: type, make/model | Stanadyne/Mechanical (or Electronic *) |
| Frequency regulation, no-load to full-load | Drop (or Isochronous *) |
| Frequency regulation, steady state | ±0.5% |
| Frequency | Fixed |
| Air cleaner type, all models | Dry |
| * Requires available electronic governor option | |

Engine Electrical

| Engine Electrical System | |
|--|----------|
| Battery charging alternator: | |
| Ground (negative/positive) | Negative |
| Volts (DC) | 12 |
| Ampere rating | 50 |
| Starter motor rated voltage (DC) | 12 |
| Battery, recommended cold cranking amps (CCA): | |
| Quantity, CCA rating | One, 650 |
| Battery voltage (DC) | 12 |

Fuel

| Fuel System | |
|--|----------------------------|
| Fuel supply line, min. ID, mm (in.) | 8.0 (0.31) |
| Fuel return line, min. ID, mm (in.) | 6.0 (0.25) |
| Max. lift, electric fuel pump, m (ft.) | 3.0 (10.0) |
| Max. fuel flow, Lph (gph) | 46.0 (12.2) |
| Max. return line restriction, kPa (in. Hg) | 20 (5.9) |
| Fuel filter | |
| Prefilter | 74 Microns |
| Primary/Water Separator | 5 Microns @ 98% Efficiency |
| Recommended fuel | #2 Ultra Low Sulfur Diesel |

Lubrication

| Lubricating System | |
|---------------------------------------|---------------|
| Type | Full Pressure |
| Oil pan capacity, L (qt.) | 10.7 (10.8) |
| Oil pan capacity with filter, L (qt.) | 11 (11.6) |
| Oil filter: quantity, type | 1, Cartridge |
| Oil cooler | — |

Exhaust

| Exhaust System | |
|---|------------|
| Exhaust manifold type | Dry |
| Exhaust flow at rated kW, m ³ /min. (cfm) | 6 (212) |
| Exhaust temperature at rated kW, dry exhaust, °C (°F) | 570 (1058) |
| Maximum allowable back pressure, kPa (in. Hg) | 8.5 (2.5) |
| Exhaust outlet size at engine hookup, mm (in.) | 41 (1.6) |

Application Data

Cooling

| Radiator System | |
|--|-------------|
| Ambient temperature, °C (°F) * | 50 (122) |
| Engine jacket water capacity, L (gal.) | 4.4 (1.6) |
| Radiator system capacity, including engine, L (gal.) | 11.4 (3) |
| Engine jacket water flow, Lpm (gpm) | 56.8 (15) |
| Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) | 21.6 (1228) |
| Water pump type | Centrifugal |
| Fan diameter, including blades, mm (in.) | 406 (16.0) |
| Fan, kWm (HP) | 0.6 (0.8) |
| Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H ₂ O) | 0.125 (0.5) |

* Enclosure reduces ambient temperature capability by 5°C (9°F).

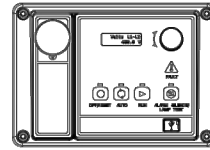
Operation Requirements

| Air Requirements | |
|--|-------------|
| Radiator-cooled cooling air, m ³ /min. (scfm) † | 36.8 (1300) |
| Combustion air, m ³ /min. (cfm) | 2.1 (74.2) |
| Heat rejected to ambient air: | |
| Engine, kW (Btu/min.) | 20.4 (1160) |
| Alternator, kW (Btu/min.) | 5.1 (290) |

† Air density = 1.20 kg/m³ (0.075 lbm/ft³)

| Fuel Consumption | | |
|-----------------------------|----------------|-------|
| Diesel, Lph (gph) at % load | Standby Rating | |
| 100% | 7.9 | (2.1) |
| 75% | 6.1 | (1.6) |
| 50% | 4.3 | (1.1) |
| 25% | 2.5 | (0.7) |
| Diesel, Lph (gph) at % load | Prime Rating | |
| 100% | 7.2 | (1.9) |
| 75% | 5.7 | (1.5) |
| 50% | 3.8 | (1.0) |
| 25% | 2.3 | (0.6) |

Controller



Decision-Maker® 3000 Controller

Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Digital display and menu control provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or serial configuration
- Controller supports Modbus® protocol
- Integrated hybrid voltage regulator with ±0.5% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-100 for additional controller features and accessories.

Modbus® is a registered trademark of Schneider Electric.

KOHLER CO., Kohler, Wisconsin 53044 USA
 Phone 920-457-4441, Fax 920-459-1646
 For the nearest sales and service outlet in the US and Canada, phone 1-800-544-2444
 KOHLERPower.com

Kohler Power Systems
 Asia Pacific Headquarters
 7 Jurong Pier Road
 Singapore 619159
 Phone (65) 6264-6422, Fax (65) 6264-6455

Section 10, Item B)

Additional Standard Features

- Air Cleaner, Heavy Duty
- Alternator Protection
- Battery Rack and Cables
- Closed Crankcase Ventilation
- Oil Drain and Coolant Drain with Hose Barb
- Oil Drain Extension (with enclosure models only)
- Operation and Installation Literature
- Rodent Guards
- Stainless Steel Fasteners on Enclosures

Available Options

Approvals and Listings

- CSA Approval
- UL2200 Listing

Enclosed Unit

- Sound Enclosure (with enclosed critical silencer)
- Weather Enclosure (with enclosed critical silencer)
- Stainless Steel Latches and Hinges

Open Unit

- Exhaust Silencer, Critical (kit: PA-352663)
- Flexible Exhaust Connector, Stainless Steel

Fuel System

- Flexible Fuel Lines
- Fuel Pressure Gauge
- Subbase Fuel Tanks

Controller

- Common Failure Relay
- Input/Output Module
- Manual Speed Adjust
- Remote Annunciator Panel
- Remote Emergency Stop
- Run Relay

Cooling System

- Block Heater (700 W, 110-120 V)
Recommended for ambient temperatures below 0°C (32°F).
- Radiator Duct Flange

Electrical System

- Alternator Strip Heater
- Battery
- Battery Charger, Equalize/Float Type
- Battery Heater
- Electronic Governor
- Line Circuit Breaker (NEMA type 1 enclosure)
- Line Circuit Breaker with Shunt Trip (NEMA type 1 enclosure)

Miscellaneous

- Air Cleaner Restriction Indicator
- Engine Fluids Added
- Rated Power Factor Testing

Literature

- General Maintenance
- NFPA 110
- Overhaul
- Production

Warranty

- 2-Year Basic Limited
- 5-Year Basic Limited
- 5-Year Comprehensive Limited

Other Options

- _____
- _____
- _____
- _____
- _____

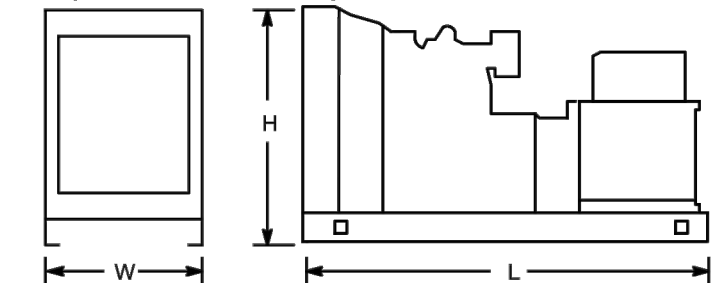
Dimensions and Weights

Overall Size, L x W x H, mm (in.):

Open Unit Skid: 1400 x 813 x 1107 (55.1 x 32.0 x 43.6)

Enclosure Skid: 1938 x 813 x 1174 (76.5 x 32.0 x 47.0)

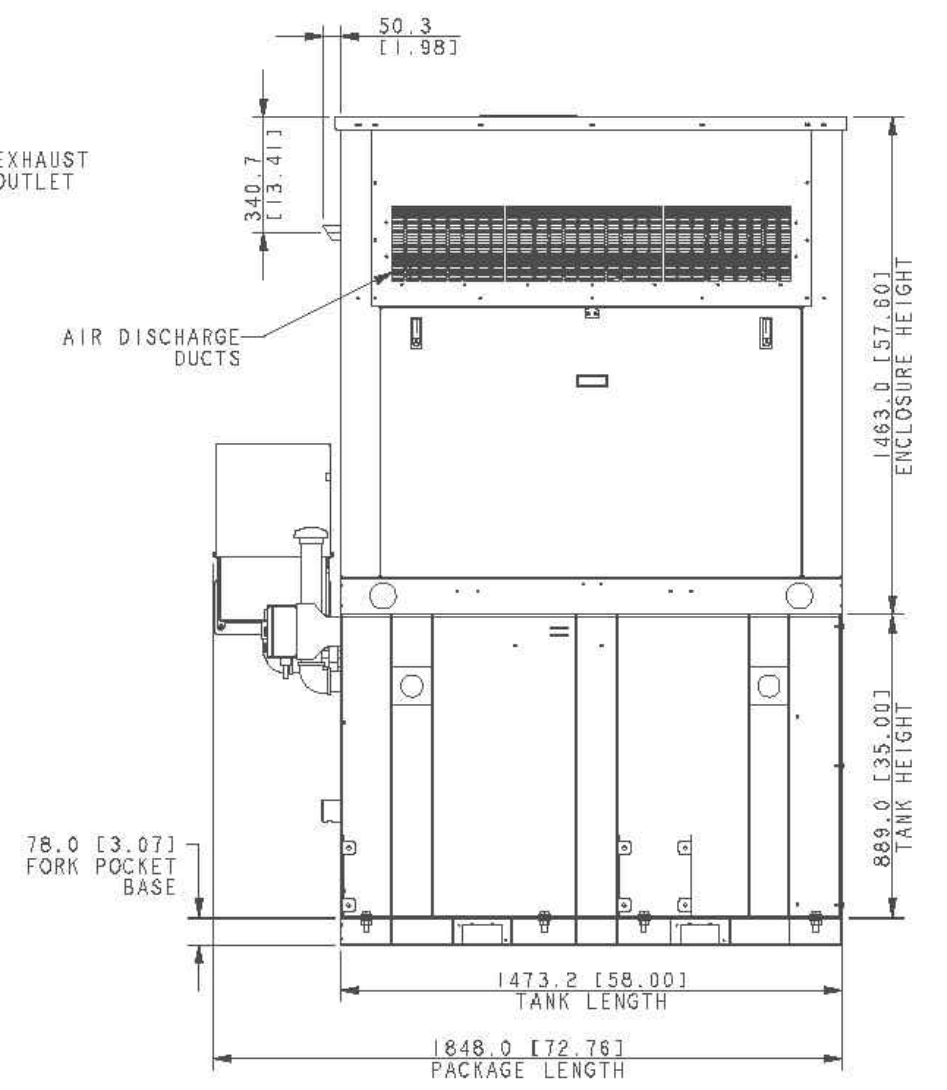
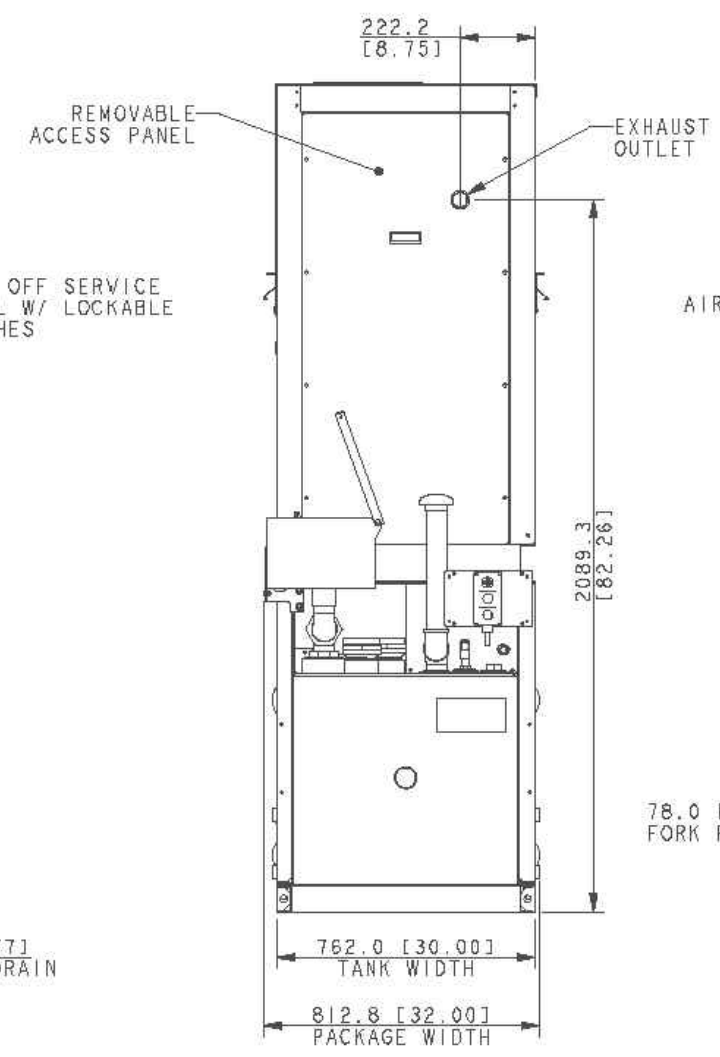
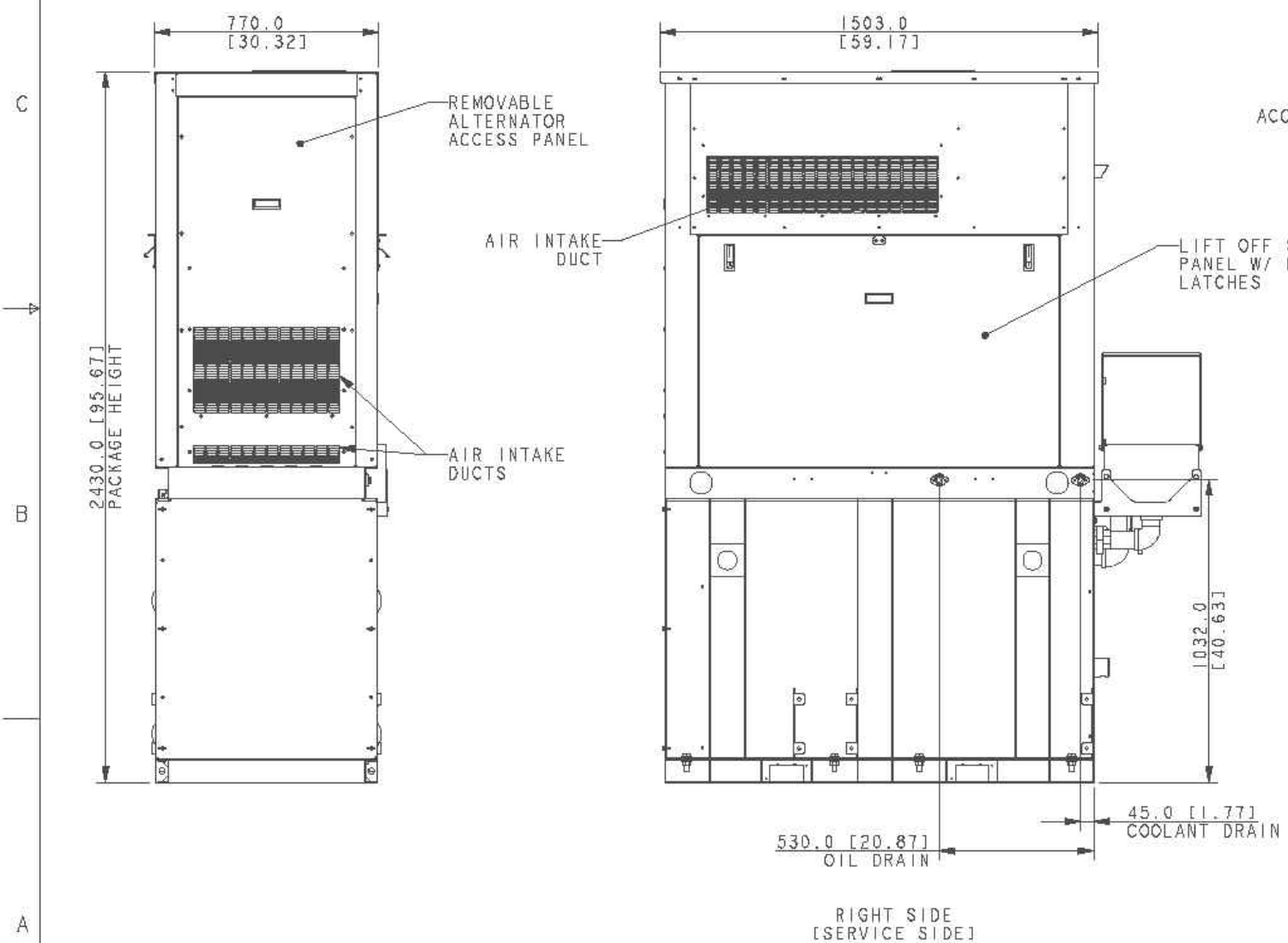
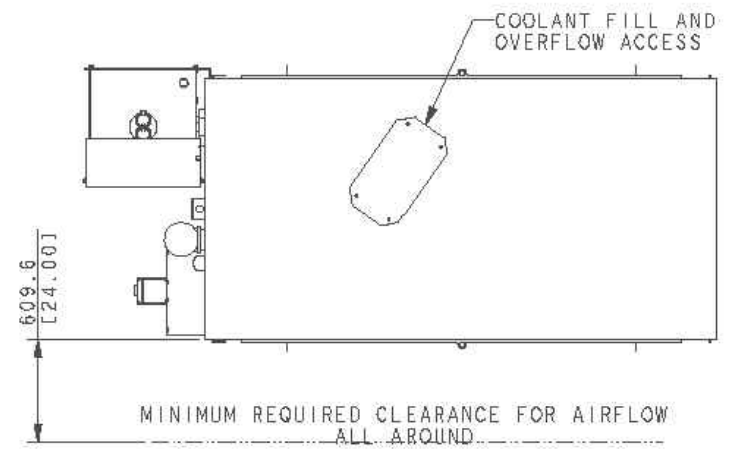
Weight (radiator model), wet, kg (lb.): 458 (1010)



NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

DISTRIBUTED BY:

- NOTES:
1. ALL SIDES OF THE GENERATOR ARE SERVICE ACCESSIBLE. RIGHT SIDE IS PRIMARY SERVICE SIDE.
 2. 6 AMP BATTERY CHARGER.
 3. 120VAC ENGINE BLOCK HEATER.
 4. GENERATOR MUST BE GROUNDED.
 5. SOUND ATTENUATED ENCLOSURE STANDARD WITH GENERATOR.
 6. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST.
 7. MUST ALLOW FREE FLOW OF INTAKE AIR.
 8. BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
 9. TANK EQUIPPED WITH FIRE SAFETY VALVE ON FUEL SUPPLY LINE.
 10. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
 11. GENERATOR IS INSTALLED ON A UL-142 RATE DOUBLE WALL SUBBASE FUEL TANK.



PACKAGE WEIGHT: 1021 KG [2250 LBS]

**20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK**

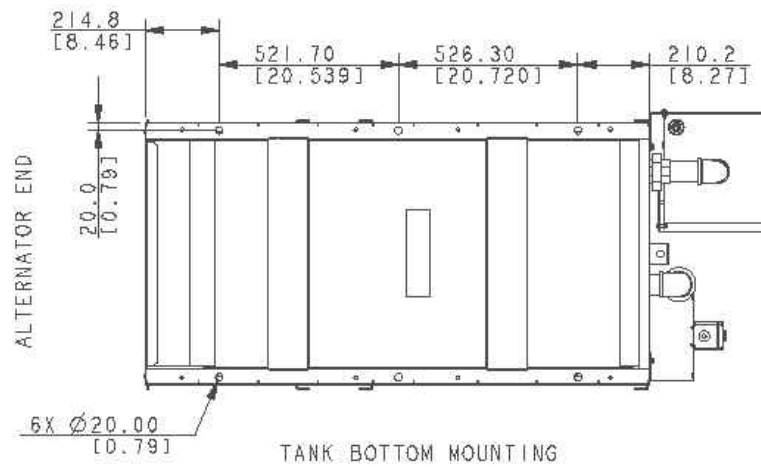
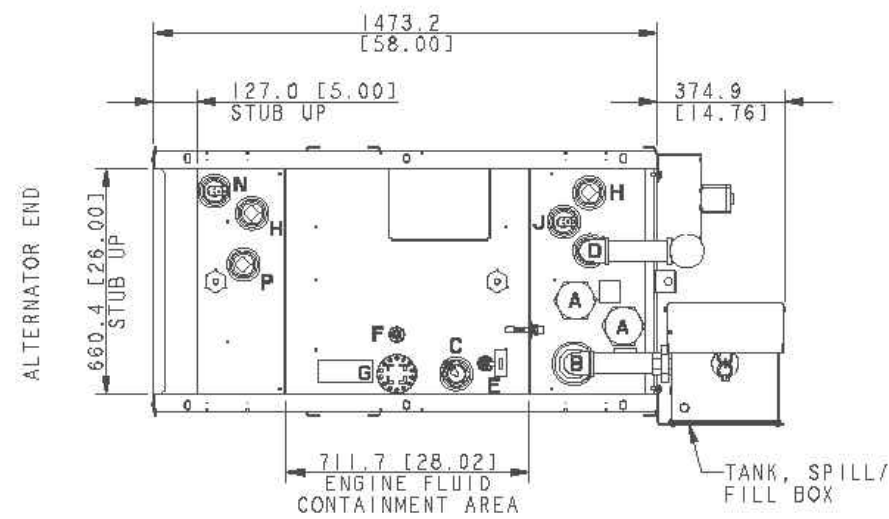
| REV | DATE | ON COMPOSITE DIRS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|--------------|---------|--|-----|---|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: F: ±0.25 M: ±0.50 H: ±1.00 SURFACE FINISH: ANGLES ± 30° MAX. |
| APPROVALS | | | | DATE |
| DRAWN ZJS | | | | 2-13-17 |
| CHECKED BLM | | | | 2-13-17 |
| APPROVED BLM | | | | 2-13-17 |

KOHLER
KOHLENERWERKE GMBH
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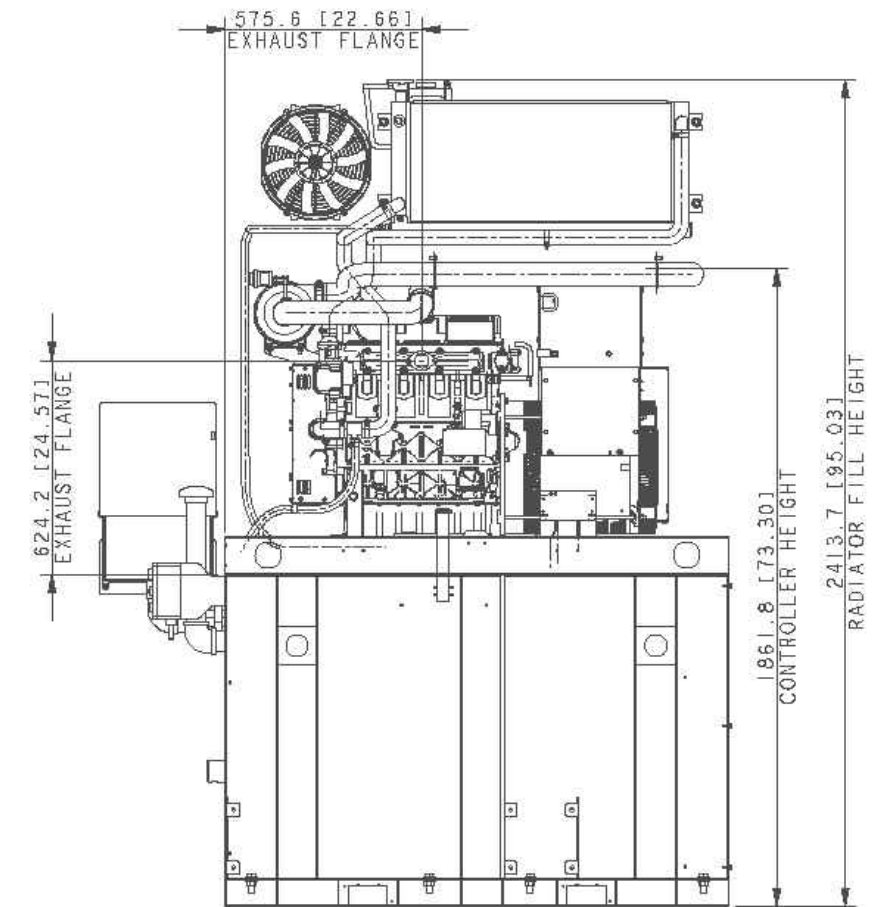
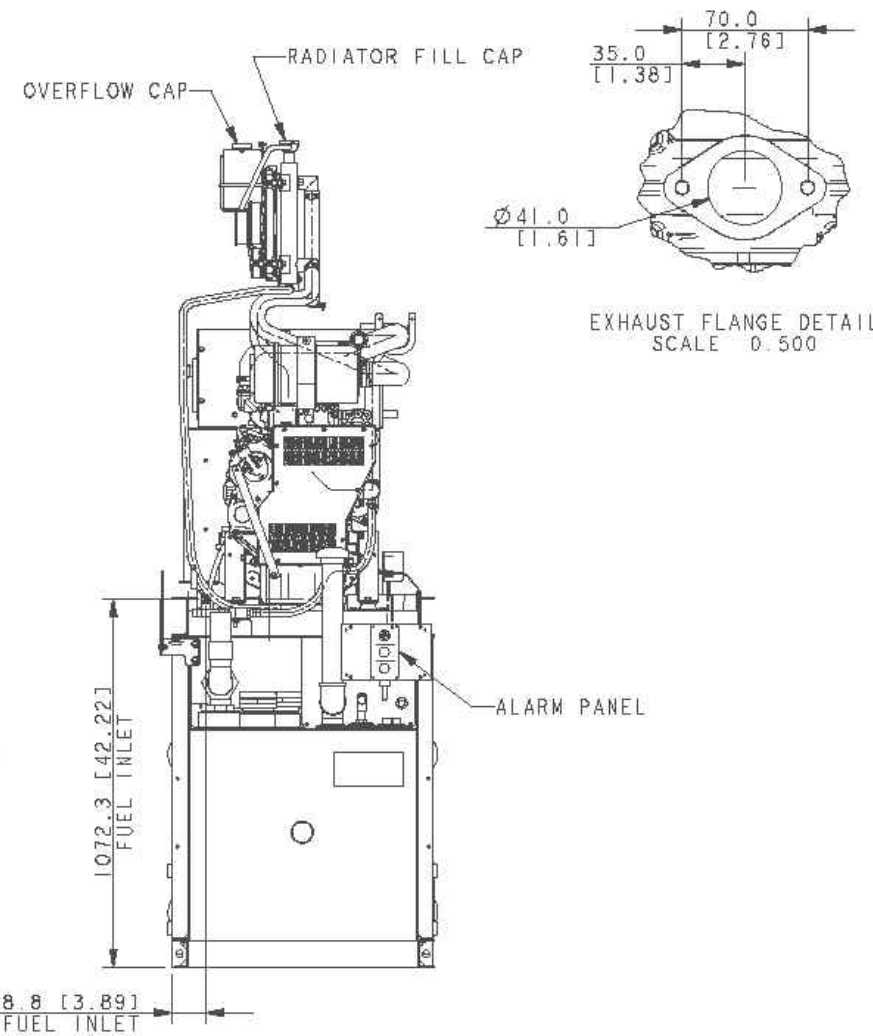
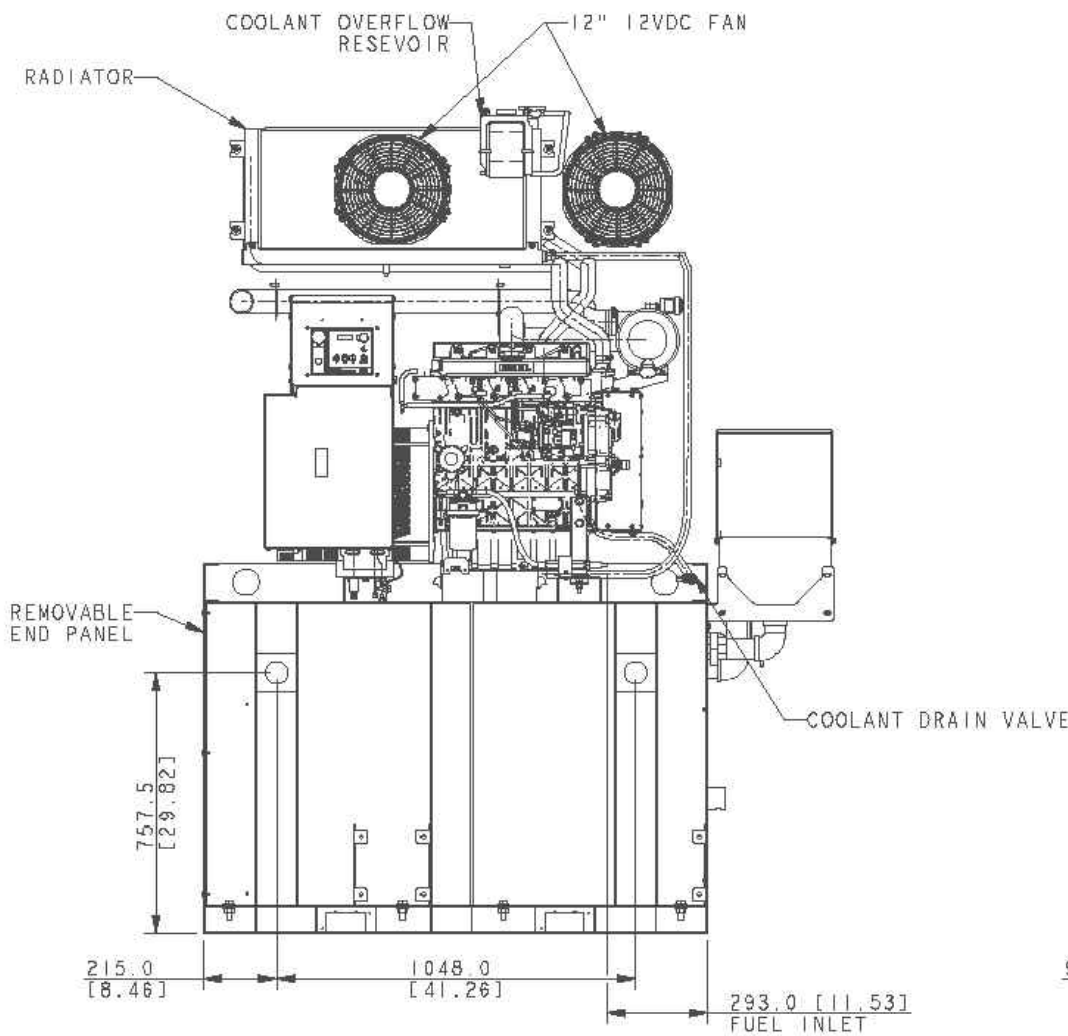
TITLE
DIMENSION PRINT, 20KW
STATE TANK, ENCL

SCALE: 0.40 CAD NO. SHEET 1 of 3

ADV-9003



- TANK FITTINGS:**
- A. 3" NPT EMERGENCY VENT FITTING PER NFPA 30 WITH VENT CAPS (QTY 2).
 - B. 4" NPT FUEL FILL FITTING BUSHED TO 2" NPT WITH LOCKABLE FILL CAP AND 2" RISER
 - C. 2" NPT FUEL LEVEL SENDING UNIT.
 - D. 2" NPT NORMAL VENT FITTING WITH MUSHROOM VENT CAP AND 15" RISER.
 - E. 1/2" NPT FITTING FOR REMOVABLE ENGINE SUPPLY DIP TUBE (3/8" NPT FEMALE) WITH CHECK VALVE.
 - F. 1/2" NPT FITTING FOR REMOVABLE FUEL RETURN DIP TUBE (3/8" NPT FEMALE).
 - G. 2" NPT WATER TIGHT FUEL FILL FITTING W/ LOCKABLE CAP AND 3" RISER
 - H. 2" NPT FITTING FOR OPTIONAL ACCESSORY (INSTALL 2"NPT PIPE PLUG)
 - J. 2" NPT FITTING FOR HIGH LEVEL SWITCH
 - N. 2" NPT FOR FUEL IN BASIN SWITCH
 - P. 2" NPT FITTING FOR OPTIONAL SWITCH (INSTALL 2"NPT PIPE PLUG)



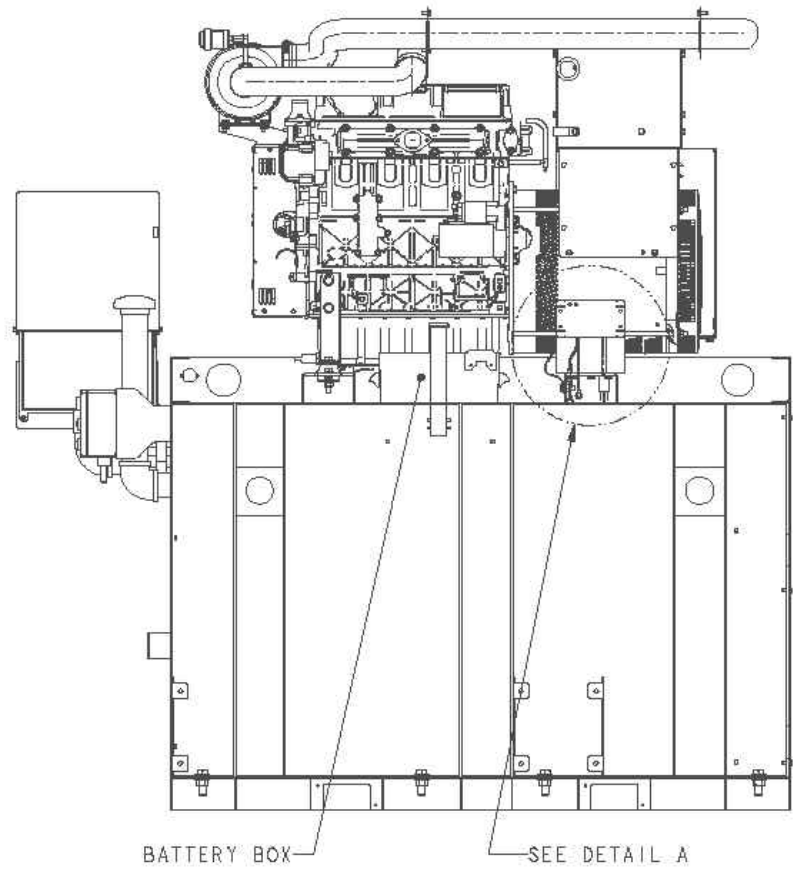
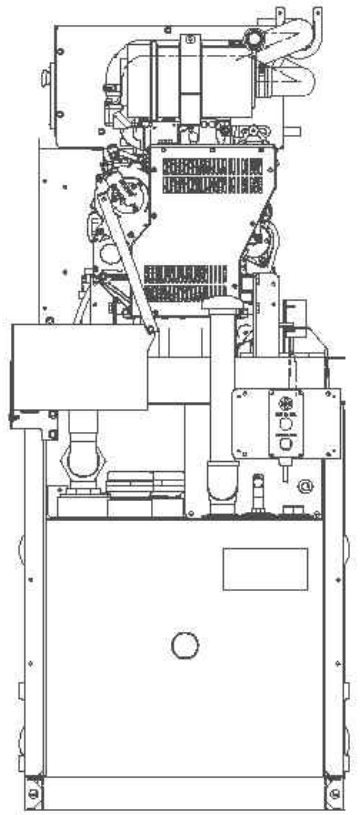
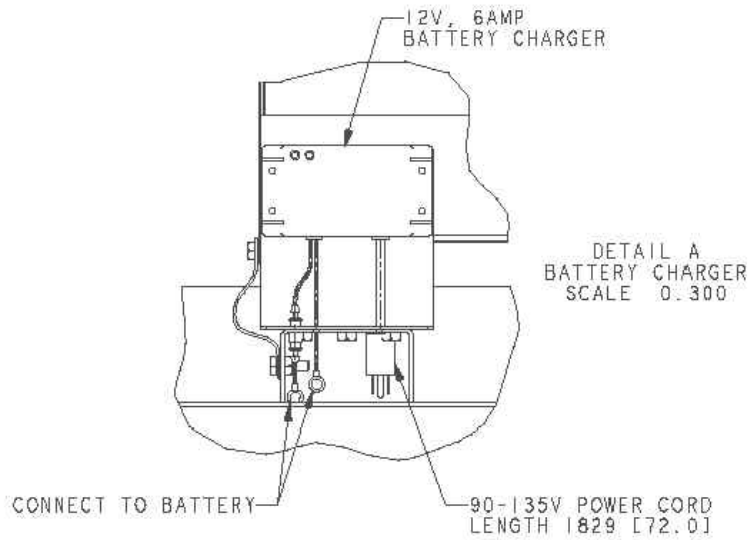
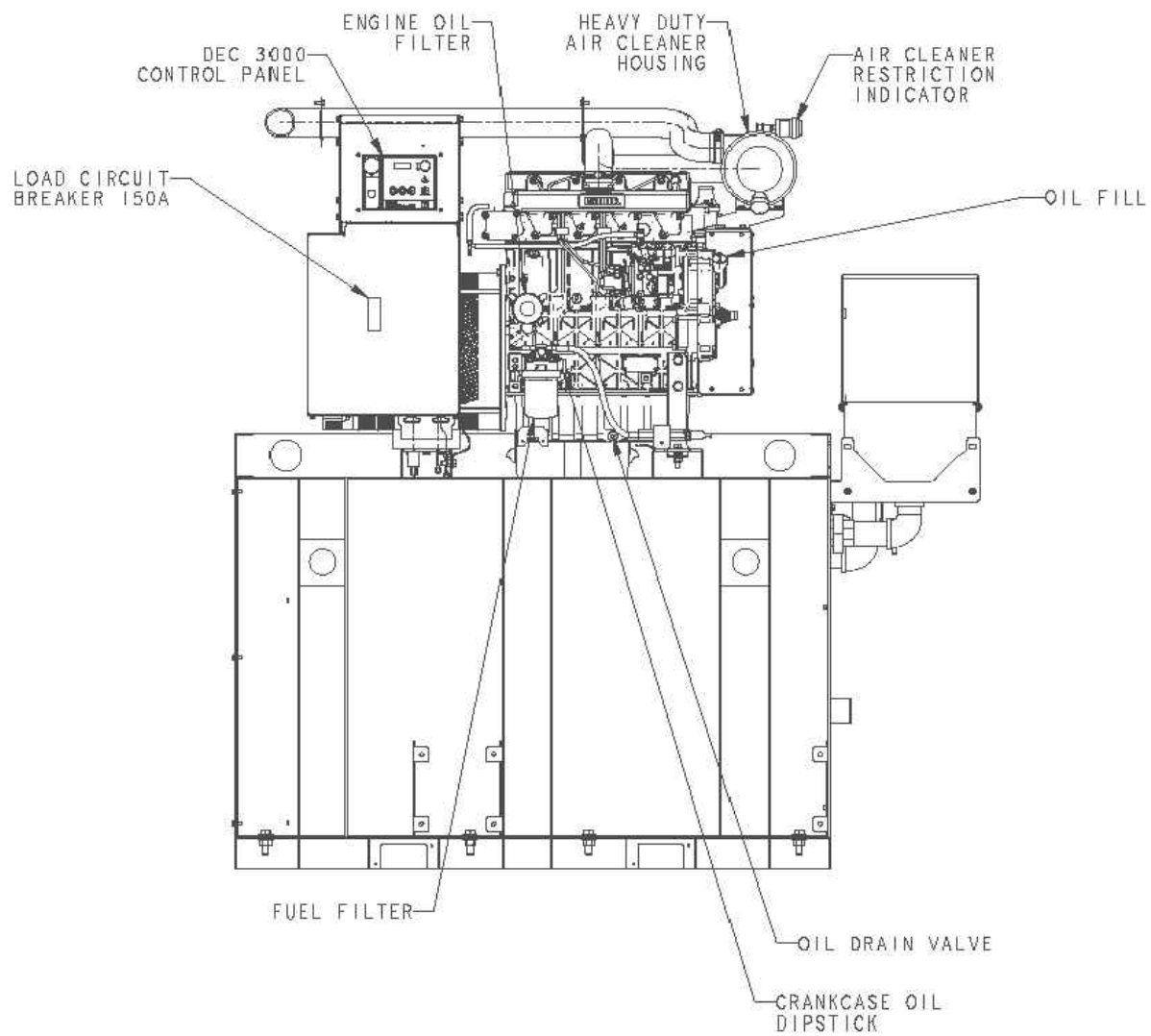
NOTE: FOR FURTHER TANK DETAIL SEE INDIVIDUAL DRAWINGS

**20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK**

| REV | DATE | OR COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|-----|---------|--|-----|--|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: F. 3 ± 0.25 F. 6 ± 0.5 ANGLES ± 1°30' MAX. THIRD ANGLE PROJECTION |
| | | | | KOHLER KOHLEK, WISCONSIN 53004 THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. |
| | | | | TITLE: DIMENSION PRINT, 20KW STATE TANK, ENCL |
| | | | | SCALE: 0.15 CAD NO. SHEET 2 of 3 |
| | | | | ADV-9003 |

NOTE:
THIS GENERATOR SET HAS FRONT ACCESSIBILITY TO ALL ROUTINELY SERVICED COMPONENTS INCLUDING:
1. AIR FILTER
2. OIL FILTER / FILL
3. FUEL FILTER
4. OIL DRAIN
5. COOLANT DRAIN

*COOLING SYSTEM NOT SHOWN THESE VIEWS



20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK

| REV | DATE | OR COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|-----|---------|--|-----|--|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: L: ± 0.25 F: ± 1.0 ANGLES ± 1° 30' |
| | | | | KOHLER KOHLER, WISCONSIN 53044 THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. |
| | | | | TITLE DIMENSION PRINT, 20KW STATE TANK, ENCL |
| | | | | APPROVALS DATE DRAWN ZJS 2-13-17 CHECKED ZJS 2-13-17 APPROVED BLM 2-13-17 |
| | | | | SCALE 0.12 CAD NO. SHEET 01 3 DWG. NO. ADV-9003 |

Section 1 - RFDS GENERAL INFORMATION

| | | | | | | | | | |
|----------------------|---------------------|------------------|-------------------|------------------|----------------|------------------------------------|---------------------|------------------------------|------------------------------------|
| RFDS NAME: | MSL01372 | DATE: | 11/10/2023 | RF DESIGN ENG: | Rob Hataway | RFDS PROG: | | Section 10, Item B) | |
| ISSUE: | New Site Build | Approved? (Y/N): | Yes | RF DESIGN PHONE: | 601-260-0087 | RFDS TECH: | | | |
| REVISION: | 3 | RF MANAGER: | Michael Lavespere | RF DESIGN EMAIL: | RH2627@ATT.COM | RF PERF ENG: | | STATUS: | Preliminary/Approved |
| INITIATIVE /PROJECT: | 2022 New Site Build | | | | | RF PERF PHONE: | | RFDS ID: | 5510674 |
| | | | | | | ADDITIONAL WORKFLOW NOTIFICATIONS: | | Created By: | rh2627 |
| | | | | | | RFDS VERSION: | 3.00 | Date Created: | 11/3/2022 10:30:50 AM |
| | | | | | | UMTS FREQUENCY: | | Date Updated: | 11/10/2023 11:26:02 PM |
| | | | | | | LTE FREQUENCY: | 700, 850, 1900, AWS | Estimated SQIN: | 19.311 |
| | | | | | | 5G FREQUENCY: | 850, 1900, AWS | RER Initiative: | |
| | | | | | | I-PLAN JOB # 1: | ER_RBHM-22-17979 | IPLAN PRD GRP \|\| SUB GRP #1: | 5G NR Radio \|\| 5G NR 1SR CBAND |
| | | | | | | I-PLAN JOB # 2: | ER_RBHM-22-17980 | IPLAN PRD GRP \|\| SUB GRP #2: | 5G NR Radio \|\| 5G NR 1SR CBAND |
| | | | | | | I-PLAN JOB # 3: | SER-RBHM-19-00733 | IPLAN PRD GRP \|\| SUB GRP #3: | LTE Next Carrier \|\| LTE 6C ABM |
| | | | | | | I-PLAN JOB # 4: | SER-RBHM-19-00880 | IPLAN PRD GRP \|\| SUB GRP #4: | LTE Software Carrier \|\| LTE 4C ABM |
| | | | | | | I-PLAN JOB # 5: | SER-RBHM-19-00799 | IPLAN PRD GRP \|\| SUB GRP #5: | LTE Software Carrier \|\| LTE 3C ABM |
| | | | | | | I-PLAN JOB # 6: | SER-RBHM-18-15800 | IPLAN PRD GRP \|\| SUB GRP #6: | New Site \|\| LTE Only 1C ABM |
| | | | | | | I-PLAN JOB # 7: | SER-RBHM-19-00430 | IPLAN PRD GRP \|\| SUB GRP #7: | LTE Next Carrier \|\| LTE 2C ABM |
| | | | | | | I-PLAN JOB # 8: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 9: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 10: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 11: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 12: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 13: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 14: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 15: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 16: | | IPLAN PRD GRP \|\| SUB GRP #8: | |

Section 2 - LOCATION INFORMATION

| | | | | | | | | | |
|--|------------------|--------------------|-------------------------------|-------------------|------------------|---------------------------------|------------|-------------------|----------------------------|
| USID: | 320865 | FA LOCATION CODE: | 14772332 | LOCATION NAME: | SOUTH GLUCKSTADT | ORACLE PTN # 1: | 2701A17HMF | PACE JOB # 1: | MRBHM037444 |
| REGION: | SOUTHEAST | MARKET CLUSTER: | ALABAMA/MISSISSIPPI/LOUISIANA | MARKET: | JACKSON MS | ORACLE PTN # 2: | 2701A17HMJ | PACE JOB # 2: | MRBHM037433 |
| ADDRESS: | 130 AMERICAN WAY | CITY: | MADISON | STATE: | MS | ORACLE PTN # 3: | 2701A0QCSS | PACE JOB # 3: | MRALM039939 |
| ZIP CODE: | 39110 | COUNTY: | MADISON | LONG (DEC. DEG.): | -90.1116800 | ORACLE PTN # 4: | 2701A0QCLY | PACE JOB # 4: | MRALM039945 |
| LATITUDE (D-M-S): | 32d 30m43.092s | LONGITUDE (D-M-S): | -90d -8m-42.048s | LAT (DEC. DEG.): | 32.5119700 | ORACLE PTN # 5: | 2701A0QCNR | PACE JOB # 5: | MRALM039941 |
| DIRECTIONS, ACCESS AND EQUIPMENT LOCATION: | | | | | | ORACLE PTN # 6: | 2701A0KWCD | PACE JOB # 6: | MRALM034004 |
| | | | | | | ORACLE PTN # 7: | 2701A0QCTT | PACE JOB # 7: | MRALM039959 |
| | | | | | | ORACLE PTN # 8: | | PACE JOB # 8: | |
| | | | | | | ORACLE PTN # 9: | | PACE JOB # 9: | |
| | | | | | | ORACLE PTN # 10: | | PACE JOB # 10: | |
| | | | | | | ORACLE PTN # 11: | | PACE JOB # 11: | |
| | | | | | | ORACLE PTN # 12: | | PACE JOB # 12: | |
| | | | | | | ORACLE PTN # 13: | | PACE JOB # 13: | |
| | | | | | | ORACLE PTN # 14: | | PACE JOB # 14: | |
| | | | | | | ORACLE PTN # 15: | | PACE JOB # 15: | |
| | | | | | | ORACLE PTN # 16: | | PACE JOB # 16: | |
| | | | | | | BORDER CELL WITH CONTOUR COORD: | | SEARCH RING NAME: | South Gluckstadt |
| | | | | | | AM STUDY REQ'D (Y/N): | No | SEARCH_RING_ID: | MSL01372 |
| | | | | | | FREQ COORD: | | BTA: | 210 - Jackson, MS |
| | | | | | | | | MSA / RSA: | 106 - Jackson, Mississippi |
| | | | | | | | | LAC(UMTS): | |
| | | | | | | RF DISTRICT: | | RNC(UMTS): | |
| | | | | | | RF ZONE: | | MME POOL ID(LTE): | FF10 |
| | | | | | | PARENT NAME(UMTS): | | | |

Section 3 - LICENSE COVERAGE/FILING INFORMATION

| | | | | | | |
|--------------------------------------|-----|-------------------------|--|------------------------|--|------------------|
| CGSA - NO FILING TRIGGERED (Yes/No): | No | CGSA LOSS: | | PCS REDUCED - UPS ZIP: | | CGSA CALL SIGNS: |
| CGSA - MINOR FILING NEEDED (Yes/No): | No | CGSA EXT AGMT NEEDED: | | PCS POPS REDUCED: | | |
| CGSA - MAJOR FILING NEEDED (Yes/No): | Yes | CGSA SCORECARD UPDATED: | | | | |

Section 4 - TOWER/REGULATORY INFORMATION

| | | | | | | | | |
|-------------------------|----|------------------------|-----|-----------------|--|--------------------------------|--|----------------------------|
| STRUCTURE AT&T OWNED?: | No | GROUND ELEVATION (ft): | 279 | STRUCTURE TYPE: | | MARKET LOCATION 700 MHz Band: | | <i>Section 10, Item B)</i> |
| ADDITIONAL REGULATORY?: | No | HEIGHT OVERALL (ft): | | FCC ASR NUMBER: | | MARKET LOCATION 850 MHz Band: | | |
| SUB-LEASE RIGHTS?: | No | STRUCTURE HEIGHT (ft): | | | | MARKET LOCATION 1900 MHz Band: | | |
| LIGHTING TYPE: | | | | | | MARKET LOCATION AWS Band: | | |
| | | | | | | MARKET LOCATION WCS Band: | | |
| | | | | | | MARKET LOCATION Future Band: | | |

Section 5 - E-911 INFORMATION - existing

Section 10, Item B)

| | PSAP NAME: | PSAP ID: | E911 PHASE: | MPC SVC PROVIDER: | LMU REQUIRED: | ESRN: | DATE LIVE PH1: | DATE LIVE PH2: | | |
|----------|------------|----------|-------------|-------------------|---------------|-------|----------------|----------------|--|--|
| SECTOR A | E-911 | | | | | | | | | |
| SECTOR B | | | | | | | | | | |
| SECTOR C | | | | | | | | | | |
| SECTOR D | | | | | | | | | | |
| SECTOR E | | | | | | | | | | |
| SECTOR F | | | | | | | | | | |
| OMNI | | | | | | | | | | |

Section 5 - E-911 INFORMATION - final

| | PSAP NAME: | PSAP ID: | E911 PHASE: | MPC SVC PROVIDER: | LMU REQUIRED: | ESRN: | DATE LIVE PH1: | DATE LIVE PH2: | | |
|----------|------------|----------|-------------|-------------------|---------------|-------|----------------|----------------|--|--|
| SECTOR A | E-911 | | | | | | | | | |
| SECTOR B | | | | | | | | | | |
| SECTOR C | | | | | | | | | | |
| SECTOR D | | | | | | | | | | |
| SECTOR E | | | | | | | | | | |
| SECTOR F | | | | | | | | | | |
| OMNI | | | | | | | | | | |

SECTION 6/7 - BBU INFORMATION - final

Section 10, Item B)

| | BBU 1 | | | | | | | | |
|-----------------------------------|------------------------|--|--|--|--|--|--|--|--|
| BBU RBS ID: | 952393 | | | | | | | | |
| TECHNOLOGY: | LTE.5G | | | | | | | | |
| BBU NAME: | MSL01372,MSJN001372 | | | | | | | | |
| BBU USID: | 320865 | | | | | | | | |
| CELL ID / BCF: | MSJN001372 | | | | | | | | |
| BTA/TID: | 210L | | | | | | | | |
| 4-9 DIGIT SITE ID: | 01801372 | | | | | | | | |
| COW OR TOY?: | No | | | | | | | | |
| CELL SITE TYPE: | SECTORIZED | | | | | | | | |
| SITE TYPE: | MACRO-CONVENTIONAL | | | | | | | | |
| BTS LOCATION ID: | GROUND | | | | | | | | |
| BASE STATION TYPE: | BASE | | | | | | | | |
| EQUIPMENT NAME: | SOUTH GLUCKSTADT | | | | | | | | |
| DISASTER PRIORITY: | 0 | | | | | | | | |
| EQUIPMENT VENDOR: | ERICSSON | | | | | | | | |
| EQUIPMENT TYPE (Model): | BASEBAND 6648 | | | | | | | | |
| BASEBAND CONFIGURATION: | xxxxx / 1x6651 / 1xXMU | | | | | | | | |
| MARKET STATE CODE: | MS,MSJ | | | | | | | | |
| NODE B NUMBER: | 1372,1372 | | | | | | | | |
| SIDEHAUL SWITCH VENDOR: | | | | | | | | | |
| SIDEHAUL SWITCH MODEL: | | | | | | | | | |
| SIDEHAUL SWITCH NAME: | | | | | | | | | |
| SIDEHAUL SWITCH ADDITIONAL CARDS: | | | | | | | | | |
| UL-CoMP: | | | | | | | | | |
| CSS - CTS COMMON ID: | MSJN001372 | | | | | | | | |
| CSS - SECONDARY FUNCTION ID: | MSL01372 | | | | | | | | |

Section 16A - PLANNED/PROPOSED TOWER CONFIGURATION - SECTOR A (OR OMNI)

Section 10, Item B)

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | ANTENNA POSITION 2 | ANTENNA POSITION 3 | ANTENNA POSITION 4 | ANTENNA POSITION 5 | ANTENNA POSITION 6 | |
|---|---|---------------------------------|--------------------|--------------------|-----------------------------------|---------------------------------|--|
| Existing Antenna? | | | | | | | |
| ANTENNA MAKE - MODEL | 80010992V01 | | 80010992V01 | | AIR6449 B77D+AIR6419 B77G STACKED | | |
| ANTENNA VENDOR | Kathrein | | Kathrein | | Ericsson | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | 105.2X20X6.9 | | 58X15.9X8.1 | | |
| ANTENNA WEIGHT | 130.1 | | 130.1 | | 147.7 | | |
| AZIMUTH | 60 | | 60 | | 60 | | |
| MAGNETIC DECLINATION | | | | | | | |
| RADIATION CENTER (feet) | 170 | | 170 | | 170 | | |
| ANTENNA TIP HEIGHT | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | 0 | | 0 | | |
| FEEDER AMOUNT | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | 1 | 36 | 1 | 72 | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | |
| PDU FOR TMA (QTY/MODEL) | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | 1 | 4478 B14 | | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6449 B77D | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6419 B77G | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | |
| Local Market Note 2 | | | | | | | |
| Local Market Note 3 | | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RXAIT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE LENGTH (ft) | |
|----------------------|-------------|-------------------|---------------|---------------|---------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|-------------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.A.700.4G.1 | | MSL01372_7A_1 | MSL01372_7A_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |

Section 16B - PLANNED/PROPOSED TOWER CONFIGURATION - SECTOR B

Section 10, Item B

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | | ANTENNA POSITION 2 | | ANTENNA POSITION 3 | | ANTENNA POSITION 4 | | ANTENNA POSITION 5 | | ANTENNA POSITION 6 | |
|---|---|----|---------------------------------|--|--------------------|----|--------------------|--|-----------------------------------|----|---------------------------------|--|
| Existing Antenna? | | | | | | | | | | | | |
| ANTENNA MAKE - MODEL | 80010992V01 | | | | 80010992V01 | | | | AIR6449 B77D+AIR6419 B77G STACKED | | | |
| ANTENNA VENDOR | Kathrein | | | | Kathrein | | | | Ericsson | | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | | | 105.2X20X6.9 | | | | 58X15.9X8.1 | | | |
| ANTENNA WEIGHT | 130.1 | | | | 130.1 | | | | 147.7 | | | |
| AZIMUTH | 180 | | | | 180 | | | | 180 | | | |
| MAGNETIC DECLINATION | | | | | | | | | | | | |
| RADIATION CENTER (feet) | 170 | | | | 170 | | | | 170 | | | |
| ANTENNA TIP HEIGHT | | | | | | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | | | 0 | | | | 0 | | | |
| FEEDER AMOUNT | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | | | 1 | 36 | | | 1 | 72 | | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| PDU FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | | 4449 B5/B12 | | 1 | | 4478 B14 | | | | | |
| RRH - 850 band (QTY/MODEL) | 1 | | RRH is shared with another band | | | | | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | | 8843 B2/B66A | | | | | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | | RRH is shared with another band | | | | | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | | | | | 1 | | integrated within: AIR6449 B77D | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | | | | | 1 | | integrated within: AIR6419 B77G | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | | | | | | |
| Local Market Note 2 | | | | | | | | | | | | |
| Local Market Note 3 | | | | | | | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RXAIT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE D (SNG) | |
|----------------------|-------------|-------------------|---------------|---------------|---------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|---------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.B.700.4G.1 | | MSL01372_7B_1 | MSL01372_7B_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | |

Section 10, Item B)

| | | | | | | | | | | | | | | | | | | | | |
|--------------------|--------|------------------------|--|--------------------|--------------------|-----------|--------------------------------|------|--|-----|-----|-------|---|----|--|--|--|--|--|--|
| | PORT 2 | 320865.B.850.5G.1 | | MSJN001372_N005B_1 | MSJN001372_N005B_1 | 5G 850 | 80010992V01_850MHz_01DT | 16.2 | | 1 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 3 | 320865.B.1900.4G.1 | | MSL01372_9B_1 | MSL01372_9B_1 | LTE 1900 | 80010992V01_1930MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 4 | 320865.B.AWS.4G.1 | | MSL01372_2B_1 | MSL01372_2B_1 | LTE AWS | 80010992V01_2130MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 5 | 320865.B.AWS.4G.2 | | MSL01372_2B_1 | MSL01372_2B_2 | LTE AWS | 80010992V01_2130MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 6 | 320865.B.1900.5G.1 | | MSJN001372_N002B_1 | MSJN001372_N002B_1 | 5G 1900 | 80010992V01_1930MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 7 | 320865.B.AWS.5G.1 | | MSJN001372_N066B_1 | MSJN001372_N066B_1 | 5G AWS | 80010992V01_2130MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| ANTENNA POSITION 3 | PORT 1 | 320865.B.700.4G.2 | | MSL01372_7B_2_F | MSL01372_7B_2_F | LTE 700 | 80010992V01_770MHz_01DT | 16 | | 1 | TOP | FIBER | 0 | NO | | | | | | |
| ANTENNA POSITION 5 | PORT 1 | 320865.B.CBAND.5G.tmp1 | | MSJN001372_N077B_1 | MSJN001372_N077B_1 | 5G CBAND | AIR6449-B77-NR-BM_3820MHz_00DT | 18 | | 0 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 2 | 320865.B.CBAND.5G.tmp2 | | MSJN001372_N077B_2 | MSJN001372_N077B_2 | 5G 3.5GHZ | AIR6419-N77-BM1_3500MHz_00DT | 18 | | 0 | TOP | FIBER | 0 | NO | | | | | | |

Section 16C - PLANNED/PROPOSED TOWER CONFIGURATION - SECTOR C

Section 10, Item B)

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | ANTENNA POSITION 2 | ANTENNA POSITION 3 | ANTENNA POSITION 4 | ANTENNA POSITION 5 | ANTENNA POSITION 6 | |
|---|---|---------------------------------|--------------------|--------------------|-----------------------------------|---------------------------------|--|
| Existing Antenna? | | | | | | | |
| ANTENNA MAKE - MODEL | 80010992V01 | | 80010992V01 | | AIR6449 B77D+AIR6419 B77G STACKED | | |
| ANTENNA VENDOR | Kathrein | | Kathrein | | Ericsson | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | 105.2X20X6.9 | | 58X15.9X8.1 | | |
| ANTENNA WEIGHT | 130.1 | | 130.1 | | 147.7 | | |
| AZIMUTH | 300 | | 300 | | 300 | | |
| MAGNETIC DECLINATION | | | | | | | |
| RADIATION CENTER (feet) | 170 | | 170 | | 170 | | |
| ANTENNA TIP HEIGHT | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | 0 | | 0 | | |
| FEEDER AMOUNT | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | 1 | 36 | 1 | 72 | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | |
| DUPLEXER (QTY/MODEL) | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | |
| PDU FOR TMAS (QTY/MODEL) | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | 1 | 4478 B14 | | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6449 B77D | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6419 B77G | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | |
| Local Market Note 2 | | | | | | | |
| Local Market Note 3 | | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RXAIT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE D (SNG) |
|----------------------|-------------|-------------------|---------------|---------------|---------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|---------------|
| ANTENNA POSITION 1 | PORT 1 | 320865.C.700.4G.1 | | MSL01372_7C_1 | MSL01372_7C_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | |

Section 10, Item B)

| | | | | | | | | | | | | | | | | | | | | |
|--------------------|--------|------------------------|--|--------------------|--------------------|-----------|--------------------------------|------|--|-----|-----|-------|---|----|--|--|--|--|--|--|
| | PORT 2 | 320865.C.850.5G.1 | | MSJN001372_N005C_1 | MSJN001372_N005C_1 | 5G 850 | 80010992V01_850MHz_01DT | 16.2 | | 1 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 3 | 320865.C.1900.4G.1 | | MSL01372_9C_1 | MSL01372_9C_1 | LTE 1900 | 80010992V01_1930MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 4 | 320865.C.AWS.4G.1 | | MSL01372_2C_1 | MSL01372_2C_1 | LTE AWS | 80010992V01_2130MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 5 | 320865.C.AWS.4G.2 | | MSL01372_2C_1 | MSL01372_2C_2 | LTE AWS | 80010992V01_2130MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 6 | 320865.C.1900.5G.1 | | MSJN001372_N002C_1 | MSJN001372_N002C_1 | 5G 1900 | 80010992V01_1930MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 7 | 320865.C.AWS.5G.1 | | MSJN001372_N066C_1 | MSJN001372_N066C_1 | 5G AWS | 80010992V01_2130MHz_02.5DT | 17.4 | | 2.5 | TOP | FIBER | 0 | NO | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| ANTENNA POSITION 3 | PORT 1 | 320865.C.700.4G.2 | | MSL01372_7C_2_F | MSL01372_7C_2_F | LTE 700 | 80010992V01_770MHz_01DT | 16 | | 1 | TOP | FIBER | 0 | NO | | | | | | |
| ANTENNA POSITION 5 | PORT 1 | 320865.C.CBAND.5G.tmp1 | | MSJN001372_N077C_1 | MSJN001372_N077C_1 | 5G CBAND | AIR6449-B77-NR-BM_3820MHz_00DT | 18 | | 0 | TOP | FIBER | 0 | NO | | | | | | |
| | PORT 2 | 320865.C.CBAND.5G.tmp2 | | MSJN001372_N077C_2 | MSJN001372_N077C_2 | 5G 3.5GHZ | AIR6419-N77-BM1_3500MHz_00DT | 18 | | 0 | TOP | FIBER | 0 | NO | | | | | | |

Section 17B - FINAL TOWER CONFIGURATION - SECTOR B

Section 10, Item B)

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | | ANTENNA POSITION 2 | | ANTENNA POSITION 3 | | ANTENNA POSITION 4 | | ANTENNA POSITION 5 | | ANTENNA POSITION 6 | |
|---|---|---------------------------------|--------------------|--|--------------------|----------|--------------------|--|-----------------------------------|---------------------------------|--------------------|--|
| ANTENNA MAKE - MODEL | 80010992V01 | | | | 80010992V01 | | | | AIR6449 B77D+AIR6419 B77G STACKED | | | |
| ANTENNA VENDOR | Kathrein | | | | Kathrein | | | | Ericsson | | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | | | 105.2X20X6.9 | | | | 58X15.9X8.1 | | | |
| ANTENNA WEIGHT | 130.1 | | | | 130.1 | | | | 147.7 | | | |
| AZIMUTH | 180 | | | | 180 | | | | 180 | | | |
| MAGNETIC DECLINATION | | | | | | | | | | | | |
| RADIATION CENTER (feet) | 170 | | | | 170 | | | | 170 | | | |
| ANTENNA TIP HEIGHT | | | | | | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | | | 0 | | | | 0 | | | |
| FEEDER AMOUNT | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | | | 1 | 36 | | | 1 | 72 | | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| DUPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| PDU FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | | | 1 | 4478 B14 | | | | | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | | | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6449 B77D | | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6419 B77G | | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | | | | | | |
| Local Market Note 2 | | | | | | | | | | | | |
| Local Market Note 3 | | | | | | | | | | | | |

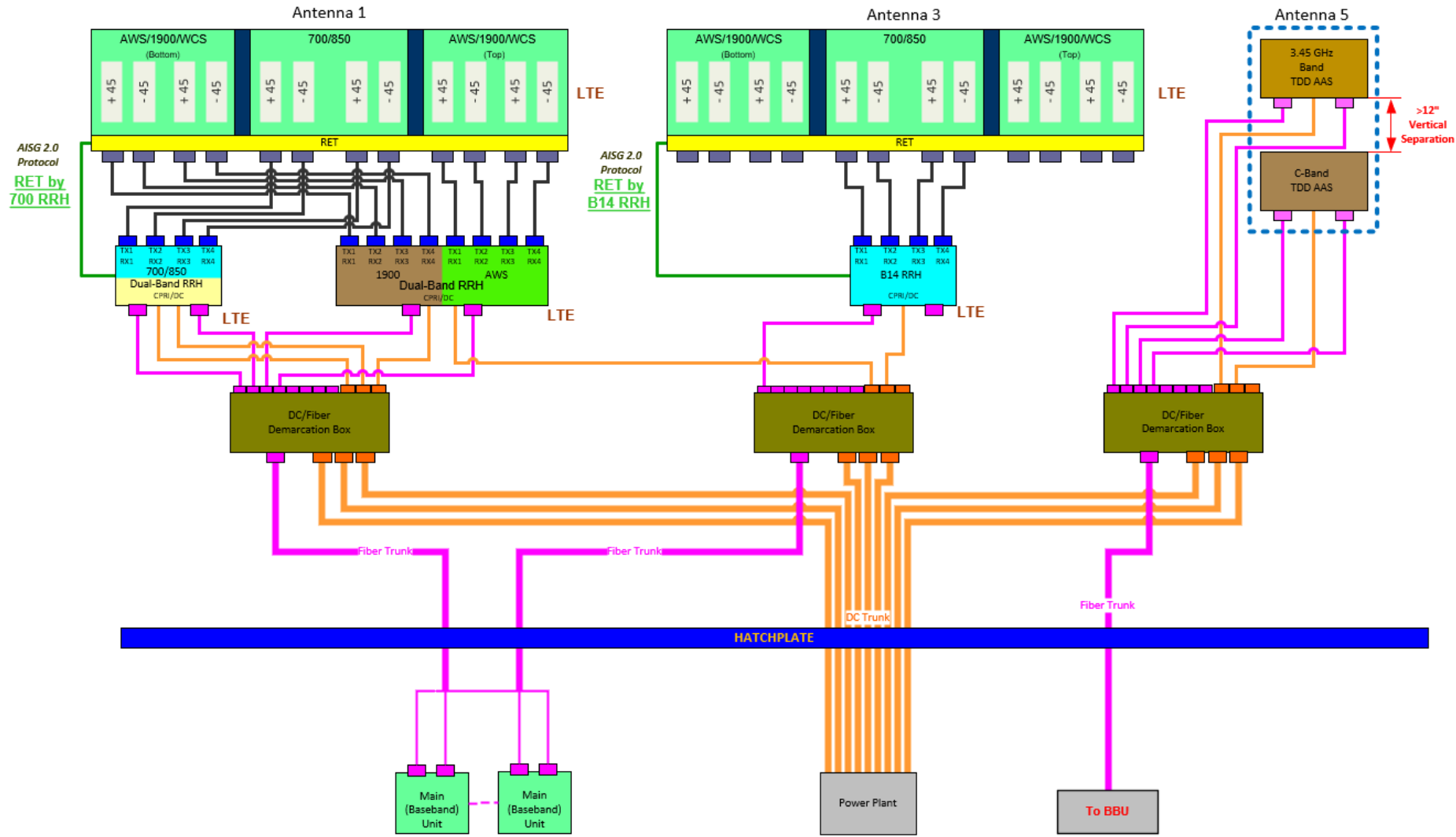
| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RX/IT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE ID (ENG) | |
|----------------------|-------------|-------------------|---------------|------------------|------------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|----------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.B.700.4G.1 | | MSL01372_7B_1 | MSL01372_7B_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |
| | PORT 2 | 320865.B.850.5G.1 | | MSJN001372_N005B | MSJN001372_N005B | | 5G 850 | 80010992V01_850MH | 16.2 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |

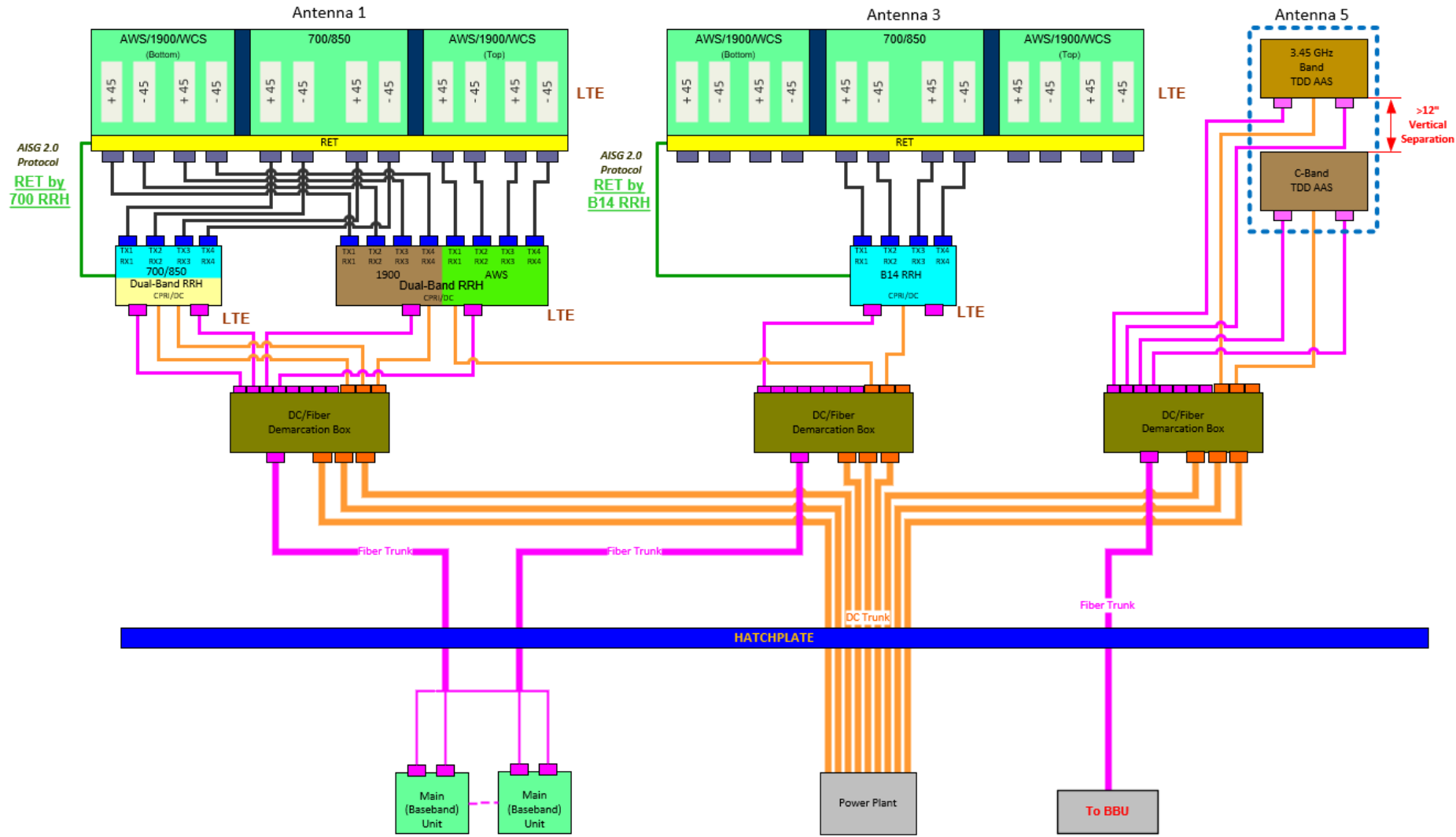
Section 17C - FINAL TOWER CONFIGURATION - SECTOR C

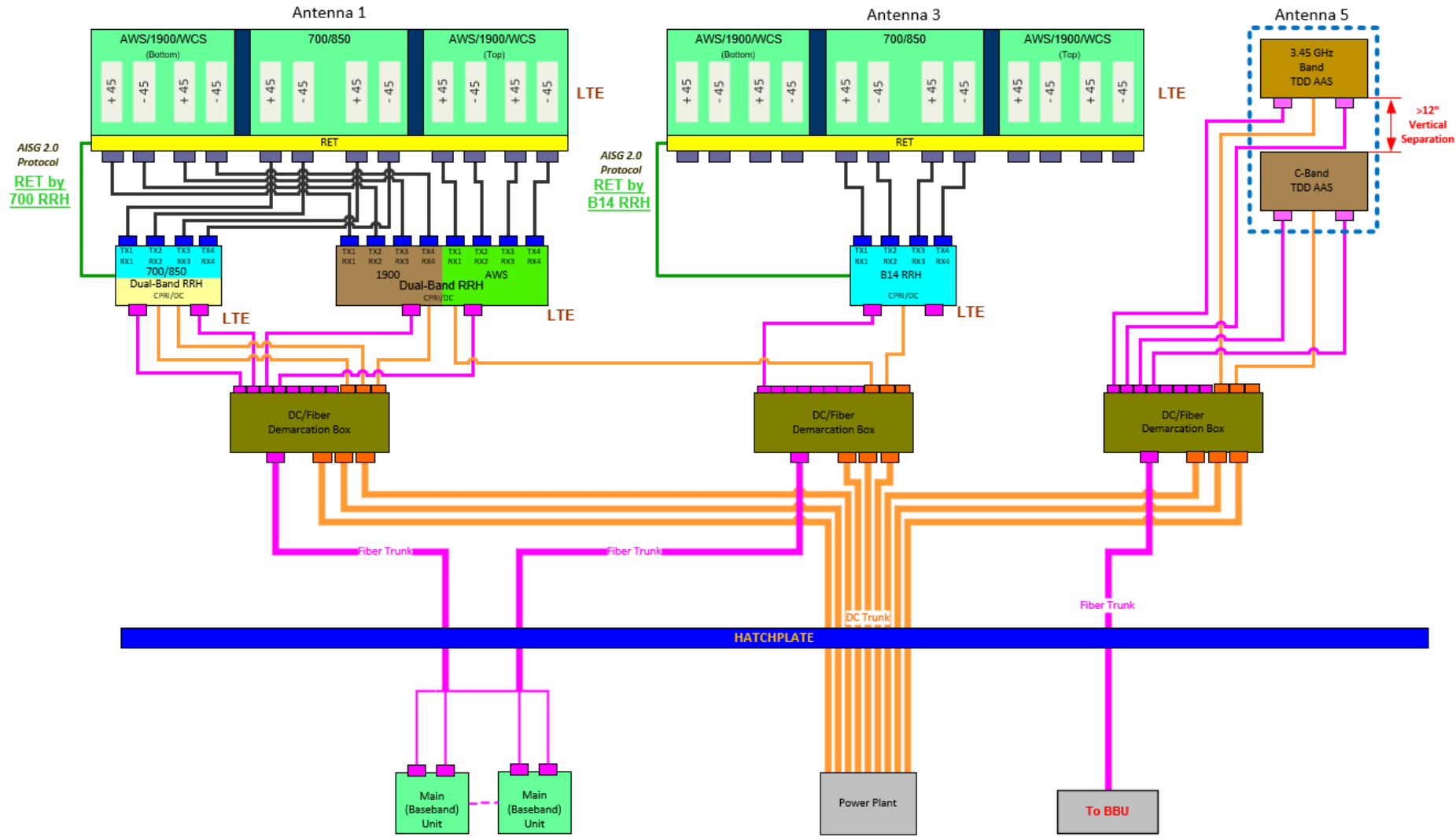
Section 10, Item B)

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | | ANTENNA POSITION 2 | | ANTENNA POSITION 3 | | ANTENNA POSITION 4 | | ANTENNA POSITION 5 | | ANTENNA POSITION 6 | |
|---|---|---------------------------------|--------------------|--|--------------------|----------|--------------------|--|-----------------------------------|---------------------------------|--------------------|--|
| ANTENNA MAKE - MODEL | 80010992V01 | | | | 80010992V01 | | | | AIR6449 B77D+AIR6419 B77G STACKED | | | |
| ANTENNA VENDOR | Kathrein | | | | Kathrein | | | | Ericsson | | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | | | 105.2X20X6.9 | | | | 58X15.9X8.1 | | | |
| ANTENNA WEIGHT | 130.1 | | | | 130.1 | | | | 147.7 | | | |
| AZIMUTH | 300 | | | | 300 | | | | 300 | | | |
| MAGNETIC DECLINATION | | | | | | | | | | | | |
| RADIATION CENTER (feet) | 170 | | | | 170 | | | | 170 | | | |
| ANTENNA TIP HEIGHT | | | | | | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | | | 0 | | | | 0 | | | |
| FEEDER AMOUNT | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | | | 1 | 36 | | | 1 | 72 | | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| DUPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| PDU FOR TMAS (QTY/MODEL) | | | | | | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | | | 1 | 4478 B14 | | | | | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | | | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6449 B77D | | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6419 B77G | | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | | | | | | |
| Local Market Note 2 | | | | | | | | | | | | |
| Local Market Note 3 | | | | | | | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RX/IT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE ID (ENG) |
|----------------------|-------------|-------------------|---------------|------------------|------------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|----------------|
| ANTENNA POSITION 1 | PORT 1 | 320865.C.700.4G.1 | | MSL01372_7C_1 | MSL01372_7C_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | |
| | PORT 2 | 320865.C.850.5G.1 | | MSJN001372_N005C | MSJN001372_N005C | | 5G 850 | 80010992V01_850MH | 16.2 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | |







NOTES

Section 10, Item B)

| Date Time (Eastern) | Version | ATTUID | Note |
|-----------------------|---------|--------|---|
| 11/3/2022 4:04:23 PM | 1.00 | rh2627 | Version 1 - Initial RFDS |
| 6/7/2023 11:55:53 AM | 2.00 | rh2627 | RFDS VERSION incremented. |
| 6/7/2023 11:55:58 AM | 2.00 | rh2627 | Version 2 - Added Band 77 BBU, soft sector, and cells information based on dRAN transport designation |
| 11/10/2023 3:31:53 PM | 3.00 | rh2627 | RFDS VERSION incremented. |
| 11/10/2023 6:15:46 PM | 3.00 | rh2627 | Version 3 - Removed WCS jobs and equipment, reconfigured baseband to match updated radio counts. |

WORKFLOW SUMMARY

Section 10, Item B)

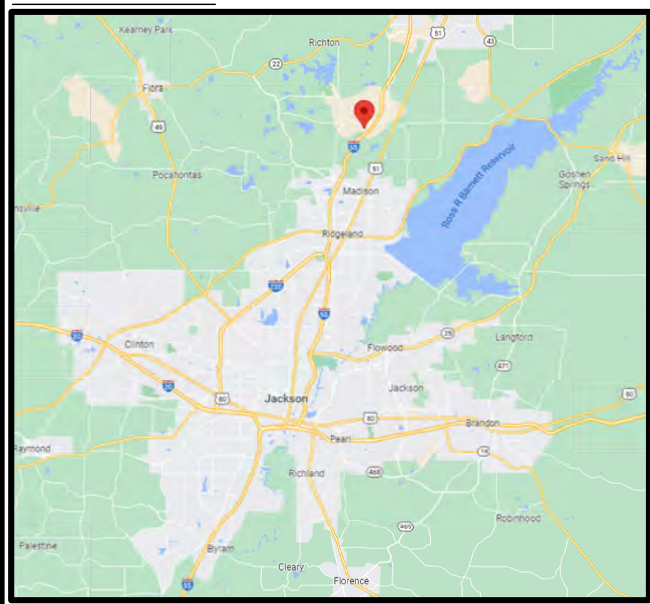
PA
State

| Date | FROM State / Status | FROM ATTUID | TO State / Status | TO ATTUID | Operation | Comments | PA State |
|------------|------------------------------------|----------------|------------------------------------|--------------|-----------|----------|--|
| 11/04/2022 | Preliminary In Progress | rh2627 | Preliminary Submitted for Approval | JB134K | Promote | | ER_-RBHM-22-17979 MRBHM037444 SUCCESS 11/04/2022 1:01:21 AM ER_-RBHM-22-17980 MRBHM037433 SUCCESS 11/04/2022 1:01:21 AM SER-RBHM-19-00733 FAILURE 11/04/2022 1:01:21 AM SER-RBHM-19-00880 PENDING 11/04/2022 1:01:21 AM SER-RBHM-19-00799 FAILURE 11/04/2022 1:01:21 AM SER-RBHM-18-15800 PENDING 11/04/2022 1:01:21 AM SER-RBHM-19-00430 PENDING 11/04/2022 1:01:21 AM SER-RBHM-19-00649 FAILURE 11/04/2022 1:01:21 AM |
| 11/04/2022 | Preliminary Submitted for Approval | JB134K | Preliminary Approved | SS6662 | Promote | | |
| 11/04/2022 | Preliminary Approved | SS6662 | Final RF Approval | RH2627 | Promote | | |
| 11/16/2022 | Final RF Approval | RH2627 | Final Approved | SS6662 | Promote | | ER_-RBHM-22-17979 PENDING 11/16/2022 12:33:36 PM ER_-RBHM-22-17980 PENDING 11/16/2022 12:33:36 PM SER-RBHM-19-00733 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-19-00880 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-19-00799 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-18-15800 PENDING 11/16/2022 12:33:36 PM SER-RBHM-19-00430 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-19-00649 FAILURE 11/16/2022 12:33:36 PM |
| 11/16/2022 | Final Approved | SS6662 | As Built In Progress | SS6662 | Promote | | ER_-RBHM-22-17979 PENDING 11/16/2022 12:59:42 PM ER_-RBHM-22-17980 PENDING 11/16/2022 12:59:42 PM SER-RBHM-19-00733 PENDING 11/16/2022 12:59:42 PM SER-RBHM-19-00880 FAILURE 11/16/2022 12:59:42 PM |

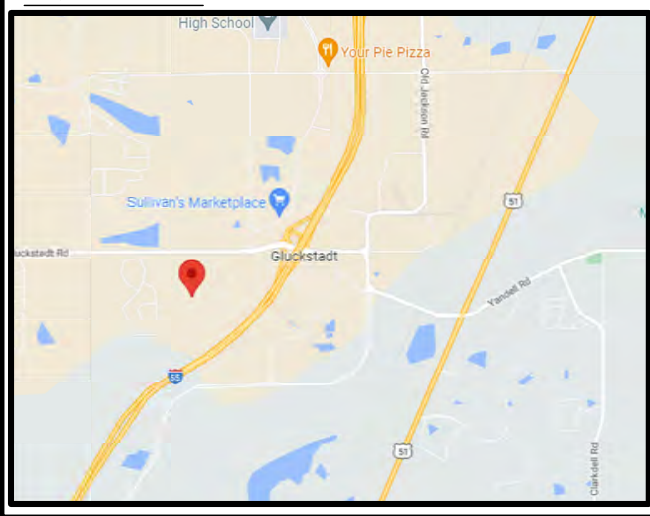
| | | | | | | | |
|------------|------------------------------------|--------|------------------------------------|--------|-----------|---|--|
| | | | | | | | PM SER-RBHM-19-00799 PENDING 11/16/2022 12:59:42 PM PM SER-RBHM-18-15800 FAILURE 11/16/2022 12:59:42 PM PM SER-RBHM-19-00430 FAILURE 11/16/2022 12:59:42 PM PM SER-RBHM-19-00649 FAILURE 11/16/2022 12:59:42 PM PM |
| 06/07/2023 | As Built In Progress | SS6662 | Final RF Approval | rh2627 | Pull Back | Pulling back to add BBUs, Soft Sectors, and Cells based on recent Band 77 DRAN transport designation. | |
| 06/07/2023 | Final RF Approval | rh2627 | Preliminary In Progress | rh2627 | Pull Back | Pulling back to add BBUs, Soft Sectors, and Cells based on recent Band 77 DRAN transport designation. | |
| 06/07/2023 | Preliminary In Progress | rh2627 | Preliminary Submitted for Approval | JB134K | Promote | Added BBUs, soft sectors, and cells for Band 77 based on recent dRAN transport designation | ER_-RBHM-22-17979 PENDING 06/07/2023 1:01:20 PM ER_-RBHM-22-17980 PENDING 06/07/2023 1:01:20 PM SER-RBHM-19-00733 FAILURE 06/07/2023 1:01:20 PM PM SER-RBHM-19-00880 FAILURE 06/07/2023 1:01:20 PM SER-RBHM-19-00799 PENDING 06/07/2023 1:01:20 PM PM SER-RBHM-18-15800 PENDING 06/07/2023 1:01:20 PM PM SER-RBHM-19-00430 PENDING 06/07/2023 1:01:20 PM PM SER-RBHM-19-00649 PENDING 06/07/2023 1:01:20 PM PM |
| 06/07/2023 | Preliminary Submitted for Approval | JB134K | Preliminary Approved | SS6662 | Promote | | |
| 06/07/2023 | Preliminary Approved | SS6662 | Final RF Approval | RH2627 | Promote | | |
| 06/07/2023 | Final RF Approval | RH2627 | Final Approved | SS6662 | Promote | | ER_-RBHM-22-17979 PENDING 06/07/2023 4:19:31 PM ER_-RBHM-22-17980 PENDING 06/07/2023 4:19:31 PM PM SER-RBHM-19-00733 PENDING 06/07/2023 4:19:31 PM PM SER-RBHM-19-00880 FAILURE 06/07/2023 4:19:31 PM PM SER-RBHM-19-00799 PENDING 06/07/2023 4:19:31 PM PM SER-RBHM-18-15800 FAILURE 06/07/2023 4:19:31 PM |

| | | | | | | | |
|------------|------------------------------------|--------|------------------------------------|--------|-----------|---|--|
| | | | | | | | PM SER-RBHM-19-00430 FAIL PM SER-RBHM-19-00649 PENDING 06/07/2023 4:19:31 PM |
| 06/07/2023 | Final Approved | SS6662 | As Built In Progress | ss6662 | Promote | | ER_-RBHM-22-17979 PENDING 06/07/2023 5:23:11 PM ER_-RBHM-22-17980 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-19-00733 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-19-00880 PENDING 06/07/2023 5:23:11 PM SER-RBHM-19-00799 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-18-15800 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-19-00430 PENDING 06/07/2023 5:23:11 PM SER-RBHM-19-00649 FAILURE 06/07/2023 5:23:11 PM |
| 11/10/2023 | As Built In Progress | ss6662 | Final RF Approval | rh2627 | Pull Back | Pulling back to remove WCS jobs and equipment and reconfigure appropriately | |
| 11/10/2023 | Final RF Approval | rh2627 | Preliminary In Progress | rh2627 | Pull Back | Pulling back to remove WCS jobs and equipment and reconfigure appropriately | |
| 11/10/2023 | Preliminary In Progress | rh2627 | Preliminary Submitted for Approval | JB134K | Promote | Removed WCS jobs and equipment, and reconfigured baseband to updated radio counts | ER_-RBHM-22-17979 FAILURE 11/10/2023 11:24:10 PM ER_-RBHM-22-17980 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00733 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00880 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00799 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-18-15800 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00430 FAILURE 11/10/2023 11:24:10 PM |
| 11/13/2023 | Preliminary Submitted for Approval | JB134K | Preliminary Approved | SS6662 | Promote | | |

LOCATION MAP



VICINITY MAP



DRIVING DIRECTIONS

DIRECTIONS FROM JACKSON, MS:
GET ON I-55 N FROM E PASCAGOULA ST. FOLLOW I-55 N TO MADISON COUNTY. TAKE EXIT 112 FROM I-55 N CONTINUE ON GLUCKSTADT RD. USE ANY LANE TO TURN LEFT ONTO GLUCKSTADT RD. TURN LEFT ONTO LEXINGTON DR

| DEPARTMENT | NAME/SIGNATURE | DATE |
|-------------------------|----------------|------|
| LAND/TOWER OWNER | | |
| SITE ACQU. AGENT | | |
| ZONING/PERMITTING AGENT | | |
| A&E MANAGER | | |
| CONSTRUCTION MANAGER | | |
| RF MANAGER | | |

SITE NAME:
SOUTH GLUCKSTADT

E911 NOT AVAILABLE. TO BE PROVIDED WITH BUILDING PERMIT APPROVAL.

PTN #:

| | |
|-----------------|-------------|
| ORACLE PTN # 1: | 2701A17HMF |
| ORACLE PTN # 2: | 2701A17HMJ |
| ORACLE PTN # 3: | 2701A0QCSS |
| ORACLE PTN # 4: | 2701A0QCCLY |
| ORACLE PTN # 5: | 2701A0QCNR |
| ORACLE PTN # 6: | 2701A0KWCD |
| ORACLE PTN # 7: | 2701A0QCCTT |
| ORACLE PTN # 8: | 2701A0QCCTW |

AT&T SITE NUMBER:

14772332

PROJECT DESCRIPTION:

PROPOSED 175' MONOPOLE TOWER

RFDS VERSION

v 1.00 (DATED 11/16/2022)

USID SITE NUMBER:

320865

RFDS ID

5510674

RFDS NAME:

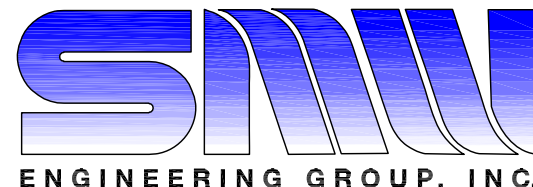
MSL01372

WALK-UP-CABINET (WUC) ON CONCRETE PAD CONSTRUCTION DRAWINGS

CARRIER:



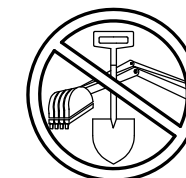
PREPARED BY:



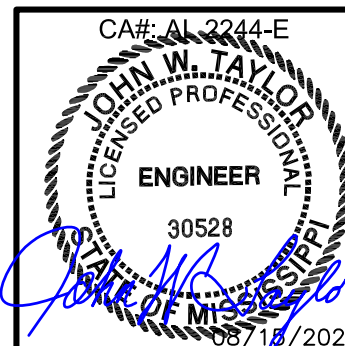
TOGETHER PLANNING A BETTER TOMORROW
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
TEL: 205-252-6985 FAX: 205-320-1504

AS OF 08/15/2023, NO TOWER DRAWINGS OR SA ARE CURRENTLY AVAILABLE TO INCORPORATE INTO CD'S. ONCE RECEIVED, CD'S WILL BE UPDATED TO REFLECT TOWER DESIGN.

NOTE: PLEASE NOTE THAT ALL AREAS OF DISTURBANCE (ACCESS AND COMPOUND) ARE TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FINDINGS. COMPACTION REPORTS ARE TO BE TAKEN AT 50' INTERVALS ALONG THE ACCESS DRIVE (MINIMUM OF TWO), AT EACH CORNER OF COMPOUND & CENTER OF COMPOUND AND AT EVERY TWO (2) FOOT OF FILL ELEVATION. ANY UNSUITABLE MATERIAL ENCOUNTERED ON SITE SHOULD BE REMOVED AND REPLACED (IN ACCORDANCE WITH GEOTECHNICAL REPORT). CONTRACTOR TO SUBMIT COMPACTION REPORTS PRIOR TO ANY ADDITIONAL CONSTRUCTION.



ALABAMA ONE-CALL
STATE WIDE CALL: 811
CALL BEFORE YOU DIG

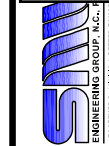


PROJECT INFORMATION

SITE ADDRESS: E911 NOT AVAILABLE
MADISON, MS 39110
LATITUDE (NAD 83): N 32° 30' 48.075" (32.513354°)
LONGITUDE (NAD 83): W 90° 06' 42.669" (-90.111852°)
PARCEL ID: 0821-29-010/07.00
PARCEL SIZE: 1,600 SQ FT (0.04± ACRES)
ZONING: I-2
JURISDICTION: CITY OF GLUCKSTADT
PROPERTY OWNER: HARMON QUALITY BUILDERS LLC
APPLICANT: FORESITE
3975 ASBURY ROAD
VESTAVIA HILLS, AL 35243
MATT SWANN
ENGINEER: JOHN TAYLOR, PE
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
POWER: ENTERGY
TELCO: AT&T

DRAWING INDEX

| T-1 | TITLE SHEET & PROJECT INFORMATION |
|----------------|---|
| - | SURVEY |
| C-1 | GENERAL NOTES |
| C-2 TO C-2.02 | OVERALL SITE PLAN |
| C-3 | DETAILED SITE PLAN |
| C-3.1 | ENLARGED WUC PLAN |
| C-4 | TOWER ELEVATION & DETAILS |
| C-4.01 | ANTENNA LAYOUT AND SCHEDULE |
| C-4.02 | CROSSOVER PIPE DETAIL |
| C-4.1 | SECTOR MOUNT DETAILS |
| C-4.2 | RF PLUMBING RISER DIAGRAM |
| C-4.3 | RRUS AND SQUID MOUNTING DETAILS |
| C-5 TO C-5.02 | GRADING, SEDIMENT & EROSION CONTROL PLAN |
| C-5.1 TO C-5.5 | ACCESS ROAD PROFILE SHEET |
| C-6 | GRADING, SEDIMENT & EROSION CONTROL DETAILS |
| C-6.1 | GRADING, SEDIMENT & EROSION CONTROL DETAILS |
| C-7 | GRADING, SEDIMENT & EROSION CONTROL VEG. SPECS |
| C-8 | SITE SIGNAGE |
| C-9 | FENCE & ICE BRIDGE DETAILS |
| C-10 | AT&T WUC DETAILS |
| C-10.1 | AT&T WUC DETAILS |
| C-11 | WUC FOUNDATION |
| E-1 | ELECTRICAL SPECS & ONE-LINE DIAGRAM (METER PANEL) |
| E-1.1 | ELECTRICAL ONE-LINE |
| E-2 | UTILITY SITE PLAN |
| E-2.1 | OVERALL UTILITY SITE PLANS |
| E-3 | GROUNDING SITE PLAN |
| E-4 | GROUNDING DETAILS |
| E-5 | UTILITY H-FRAME DETAILS |
| LS-1 | LANDSCAPING PLAN |
| LS-2 | LANDSCAPING DETAILS |
| - | ATTACHMENTS |
| - | RFDS |



| DESIGNER | ZDS | AMD | AMD |
|----------|-----|-----|-----|
| 01/26/23 | | | |
| 07/24/23 | | | |
| 08/15/23 | | | |

SOUTH GLUCKSTADT
TITLE SHEET & PROJECT INFORMATION

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

T-1 2

GENERAL NOTES:

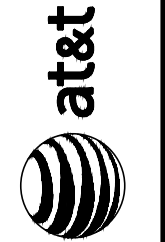
1. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTIONS PRACTICES.
2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL ORDERS,
3. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.
4. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
5. SITE GROUNDING SHALL COMPLY WITH TOWER OWNER GROUNDING STANDARDS, LATEST EDITION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF THE TOWER
6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
8. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
10. CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.
11. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS AND TOWER DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
12. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
14. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
15. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
16. SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.
17. FOR ITEM THAT SHALL BE PROVIDED BY THE OWNER & INSTALLED BY THE CONTRACTOR, SEE "OWNER SUPPLIED MATERIAL LIST" INSERTED IN THIS DRAWINGS PACKAGE.
18. OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES IN SECTIONS, ETC.
19. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETIONS OF THE PROJECT.
20. THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE

EXCAVATION & GRADING NOTES

1. ALL CUT & FILL SLOPES SHALL BE 3:1 MAXIMUM (UNLESS NOTED ON GRADING SHEET)
2. ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
3. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
4. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OF CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
5. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS AND SO FORTH.
6. BACK FILL SHALL BE:
 - APPROVED MATERIALS CONSISTING OF EARTH, LOAMY, SANDY, CLAY SAND, GRAVEL OR SOFT SHELL;
 - FREE FROM CLODS OR STONES OVER 2½" MAXIMUM DIMENSIONS;
 - IN LAYERS AND COMPACTED
7. SITE FILL MATERIAL AND FOUNDATION BACK FILL SHALL BE PLACED IN LAYERS, MAXIMUM 6" DEEP BEFORE COMPACTION. EACH LAYER SHALL BE SPRINKLED IF REQUIRED AND COMPACTED BY HAND OPERATED OR MACHINE TAMPERS TO 95% OF MAXIMUM DENSITY, AT THE OPTIMUM MOISTURE CONTENT +/-2% AS DETERMINED BY ATM DESIGNATION D-698, UNLESS OTHERWISE APPROVED. SUCH BACK FILL SHALL NOT BE PLACED BEFORE 3 DAYS AFTER PLACEMENT OF CONCRETE.
8. THE FOUNDATION AREA SHALL BE GRADED TO PROVIDE WATER RUNOFF AND PREVENT WATER FROM STANDING. THE FINAL GRADE SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE FOUNDATION AND SHALL THEN BE COVERED WITH 4' DEEP COMPACTED STONE OR GRAVEL.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL CITY, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS AND CHECK DAMS.
10. FILL PREPARATION:
 - REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAT 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
11. REPLACE THE EXISTING WEARING SURFACE ON AREAS WHICH HAVE BEEN DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS. SURFACE SHALL BE REPLACE TO MATCH EXISTING ADJACENT SURFACING AND SHALL BE OF THE SAME THICKNESS. NEW SURFACE SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATERIAL, OF OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL RESURFACING MATERIAL AS REQUIRED. BEFORE SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. SURFACING SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE.
12. PROTECT EXISTING SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
13. DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED / REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
15. ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
16. RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY, AND FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC.
17. SHOULD ARTIFACTS OR ARCHAEOLOGICAL FEATURES BE ENCOUNTERED DURING PROJECT ACTIVITIES, WORK SHALL CEASE AND OUR OFFICE SHALL BE CONSULTED IMMEDIATELY. ARTIFACTS ARE OBJECTS EBI CONSULTING MADE, USED OR MODIFIED BY HUMANS. THEY INCLUDE BUT ARE NOT EXCLUDED TO ARROWHEADS, BROKEN PIECES OF POTTERY OR GLASS, STONE IMPLEMENTS, METAL FASTENERS OR TOOLS, ETC. ARCHAEOLOGICAL FEATURES ARE STAINS ON THE SOIL THAT INDICATE DISTURBANCE BY HUMAN ACTIVITY. SOME EXAMPLES ARE POST HOLES, BUILDING FOUNDATIONS, TRASH PITS AND EVEN HUMAN BURIALS.

- X — FENCE
- □ — CONTOUR LINE
- - - - - PROPERTY LINE/ROW
- - - - - LEASE AREA
- - - - - EASEMENT
- DISCONNECT SWITCH
- Ⓜ METER
- Ⓢ CIRCUIT BREAKER
- Ⓧ Coded Note Number
- Ⓢ Chemical Ground Rod
- Ⓧ Ground Rod
- Ⓧ Ground Rod w/ Inspection Sleeve
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- G — GROUND WIRE

Section 10, Item B)



| DESIGNER | DATE | DESCRIPTION |
|----------|----------|--------------------------|
| ZDS | 01/26/23 | ISSUED FOR CLIENT REVIEW |
| AMD | 07/24/23 | ISSUED FOR ZONING |
| AMD | 08/15/23 | REVISED PER CONCRETE PAD |

SOUTH GLUCKSTADT
GENERAL NOTES

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-1 2





| DATE | DESCRIPTION: | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
OVERALL SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

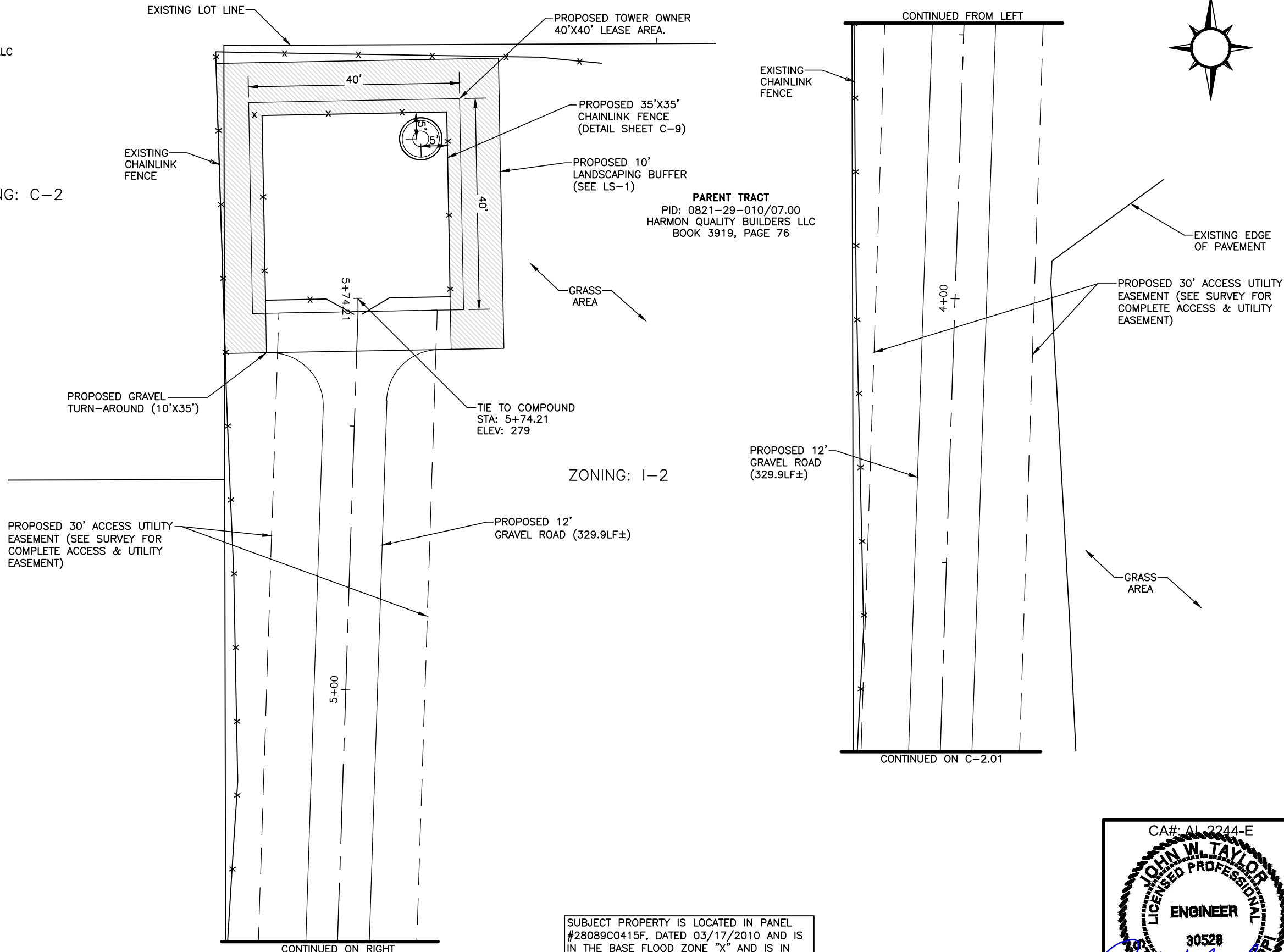
C-2 2

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.869" (-90.111852°)

PID: 0821-29-010/13.00
PHARMACY GROOUP OF MISSISSIPPI LLC
BOOK 3114, PAGE 511

ZONING: C-2

PID: 0821-29-010/08.01
HAS INVESTMENTS LLC
BOOK 3555, PAGE 838



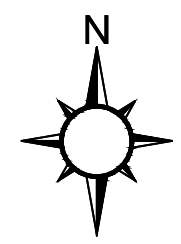
SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1 OVERALL SITE PLAN
C-2 SCALE: 1"=20'





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



ZONING: C-2

EXISTING LOT LINE CONTINUED FROM C-2

PROPOSED 12' GRAVEL ROAD (329.9LF±)

PARENT TRACT
 PID: 0821-29-010/07.00
 HARMON QUALITY BUILDERS LLC
 BOOK 3919, PAGE 76

ZONING: I-2

CONCRETE AREA

EXISTING BUILDING

PROPOSED 30' ACCESS UTILITY EASEMENT (SEE SURVEY FOR COMPLETE ACCESS & UTILITY EASEMENT)

PID: 0821-29-010/08.01
 HAS INVESTMENTS, LLC
 BOOK 3555, PAGE 838

EXISTING EDGE OF PAVEMENT

EXISTING BUILDING

EXISTING CHAINLINK FENCE

EXISTING SLIDING GATE

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

CONTINUED ON C-2.02

1 OVERALL SITE PLAN
 C-201 SCALE: 1"=20'



SOUTH GLUCKSTADT

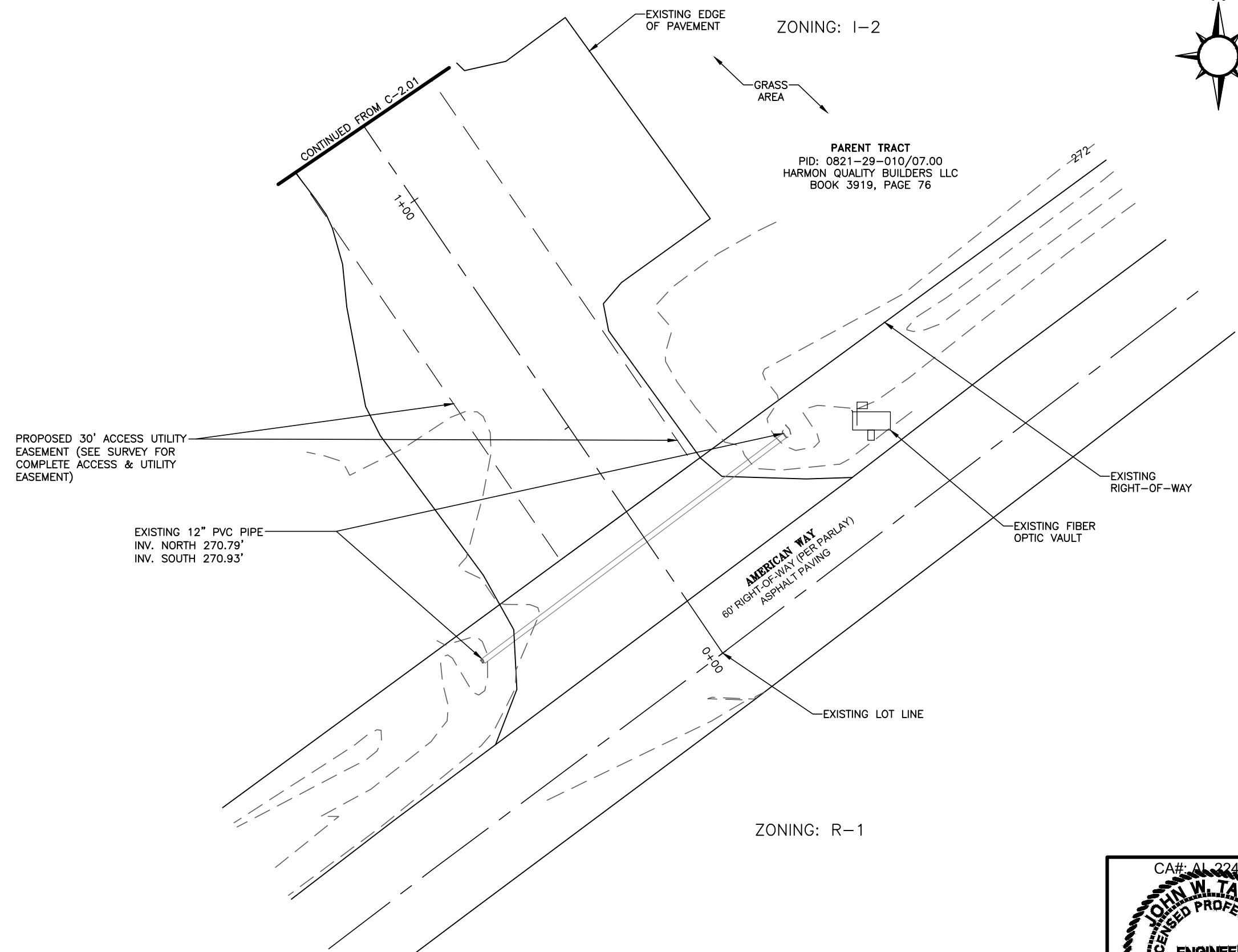
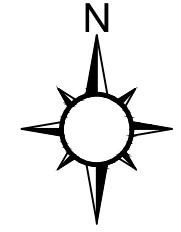
OVERALL SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-2.01 2



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



| DATE | DESCRIPTION: | DESIGNER: |
|----------|--------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

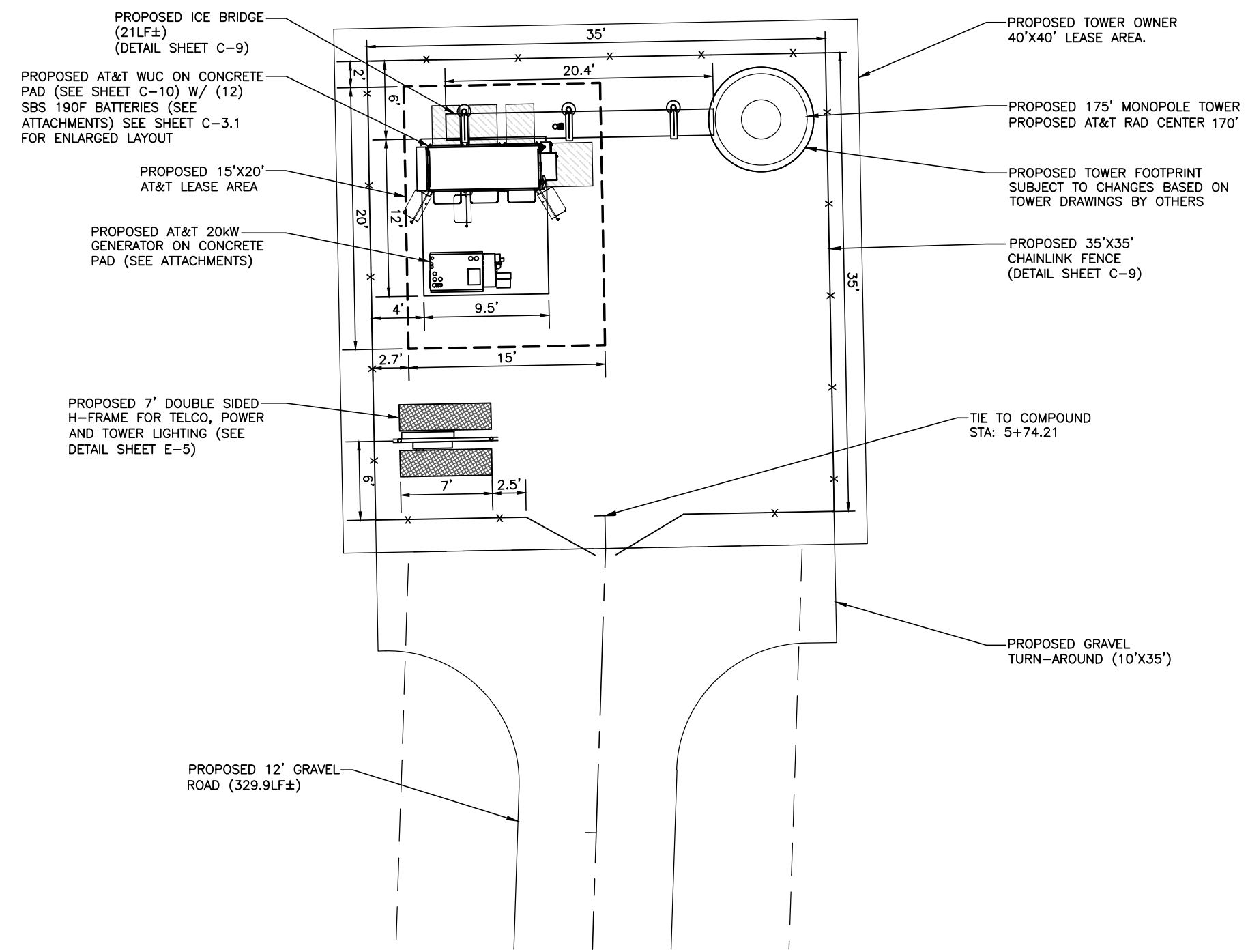
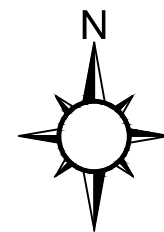
SOUTH GLUCKSTADT
 OVERALL SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-2.02 | ? |

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.



1 OVERALL SITE PLAN
 C-202 SCALE: 1"=20'



PROPOSED ICE BRIDGE
(21LF±)
(DETAIL SHEET C-9)

PROPOSED AT&T WUC ON CONCRETE
PAD (SEE SHEET C-10) W/ (12)
SBS 190F BATTERIES (SEE
ATTACHMENTS) SEE SHEET C-3.1
FOR ENLARGED LAYOUT

PROPOSED 15'X20'
AT&T LEASE AREA

PROPOSED AT&T 20kW
GENERATOR ON CONCRETE
PAD (SEE ATTACHMENTS)

PROPOSED 7' DOUBLE SIDED
H-FRAME FOR TELCO, POWER
AND TOWER LIGHTING (SEE
DETAIL SHEET E-5)

PROPOSED TOWER OWNER
40'X40' LEASE AREA.

PROPOSED 175' MONOPOLE TOWER
PROPOSED AT&T RAD CENTER 170'

PROPOSED TOWER FOOTPRINT
SUBJECT TO CHANGES BASED ON
TOWER DRAWINGS BY OTHERS

PROPOSED 35'X35'
CHAINLINK FENCE
(DETAIL SHEET C-9)

TIE TO COMPOUND
STA: 5+74.21

PROPOSED GRAVEL
TURN-AROUND (10'X35')

PROPOSED 12' GRAVEL
ROAD (329.9LF±)

SUBJECT PROPERTY IS LOCATED IN PANEL
#28089C0415F, DATED 03/17/2010 AND IS
IN THE BASE FLOOD ZONE "X" AND IS IN
NOT A SPECIAL FLOOD HAZARD AREA.

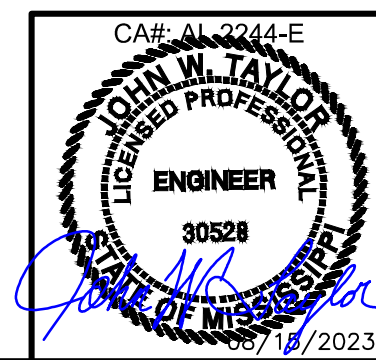
1 DETAILED SITE PLAN
SCALE: 1"=10'



| DATE | DESCRIPTION: | DESIGNER: |
|----------|--------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
DETAILED SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



C-3



DESIGNER: ZDS
 DATE: 01/26/23

ISSUED FOR CLIENT REVIEW: ZDS
 DATE: 07/24/23

ISSUED FOR ZONING: AMD
 DATE: 08/15/23

REVISED PER CONCRETE PAD: AMD
 DATE: 08/15/23

DATE: 01/26/23
 07/24/23
 08/15/23

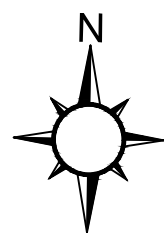
SOUTH GLUCKSTADT
 ENLARGED
 SHELTER PLAN

DESIGNER: ZDS
 CHECKED BY: JWT
 ENGINEER: JWT

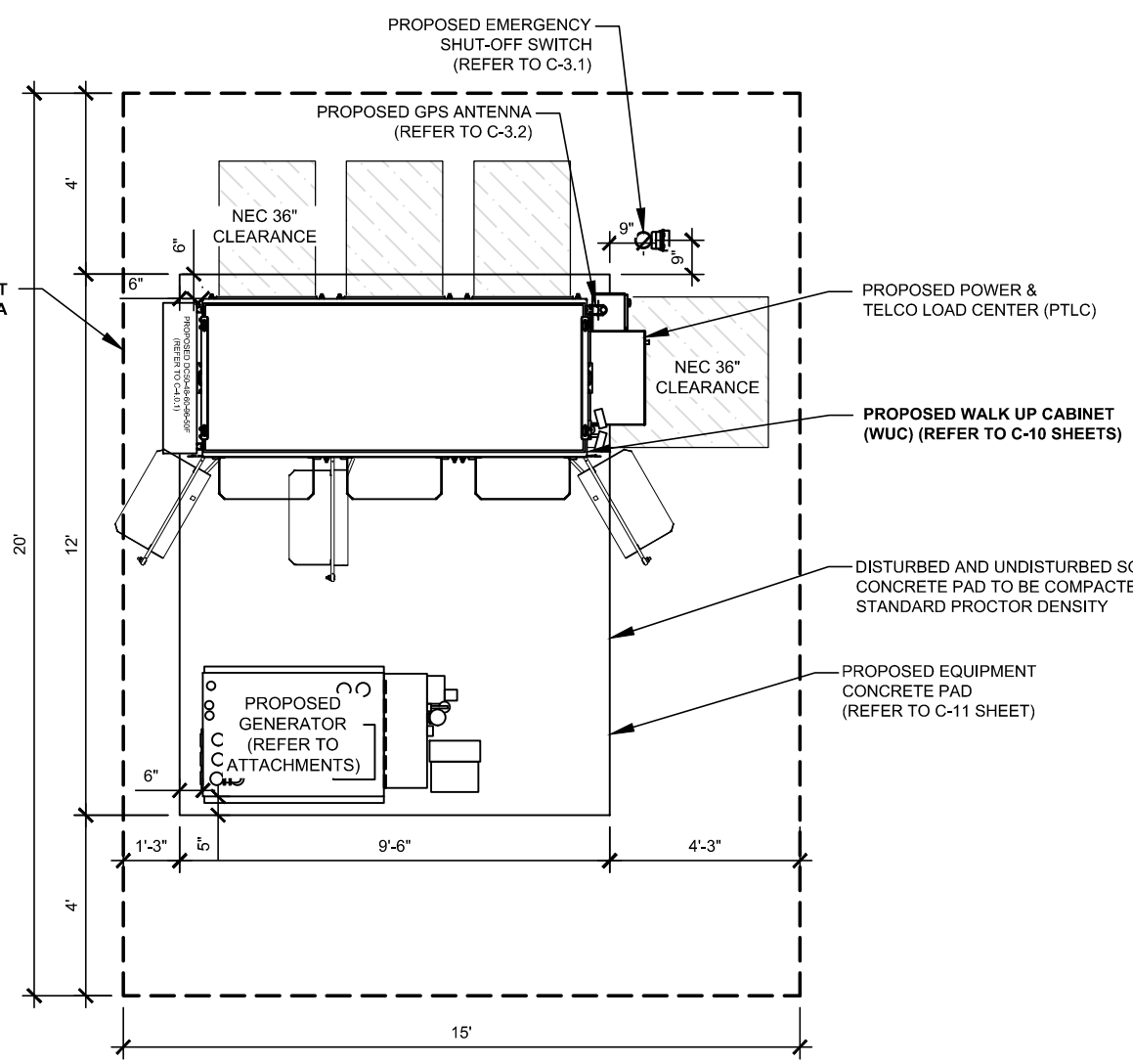
SMW #: 22-1425

SHEET NO.: C-3.1
 REV.: 2

SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



PROPOSED AT&T
 15'x20' LEASE AREA



1 WALK-UP CABINET (WUC) LAYOUT
 C-3.1 SCALE: NOT TO SCALE

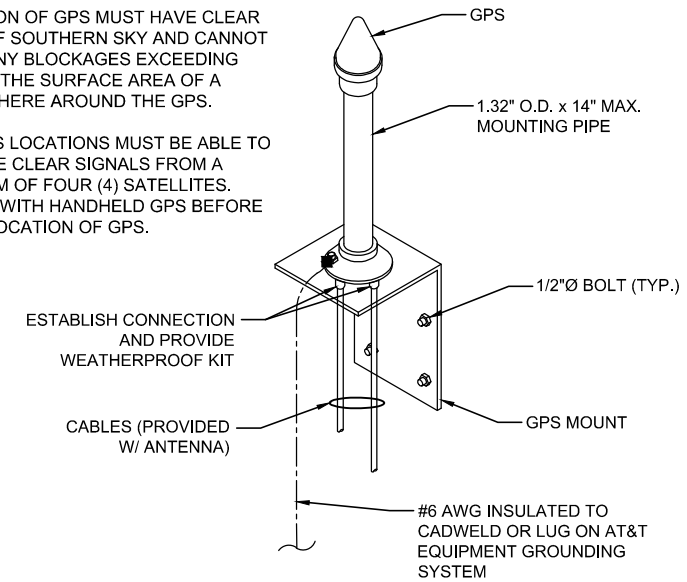
BATTERY SPECIFICATIONS:
 ENERSYS POWERSAFE SBS-190F BATTERY 12V 190AH FRONT TERM

QUANTITY: 12
 SKU / OSI ITEM NUMBER: SBS-190F
 CHEMISTRY: SEALED LEAD ACID
 NOMINAL VOLTAGE: 12V
 NOMINAL CAPACITY: 190.0AH
 TERMINALS: M6
 DIMENSIONS (L X W X H): 22.10 X 4.90 X 12.40
 WEIGHT (POUNDS): 132.3

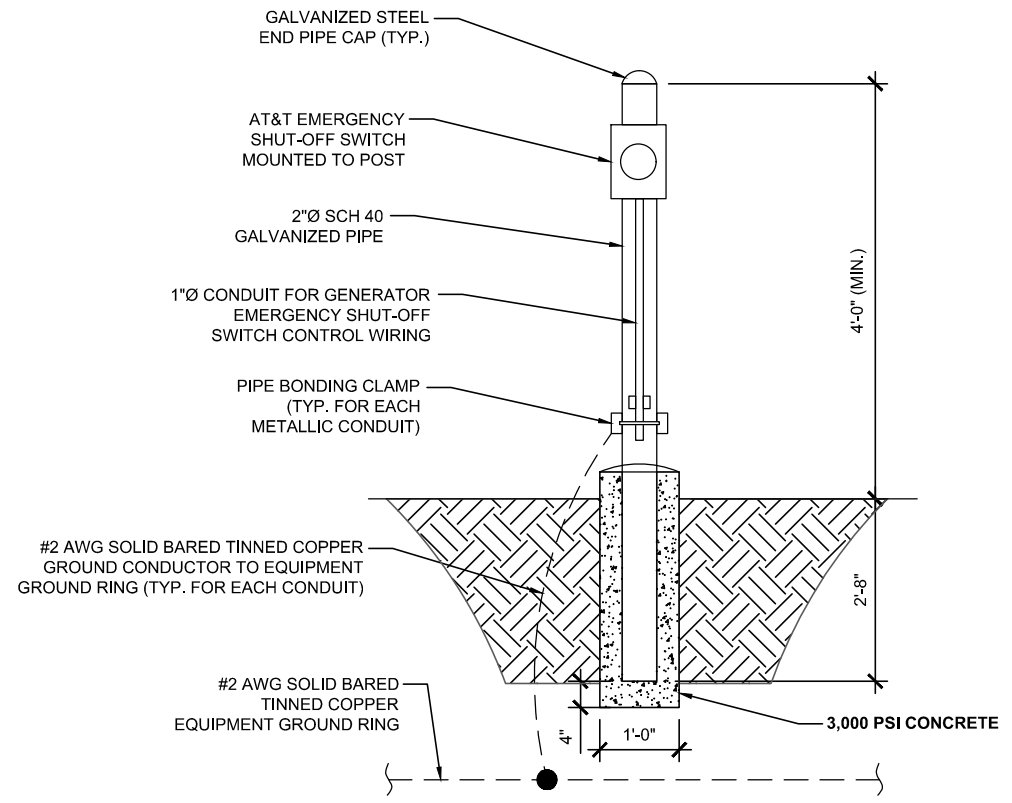
ICE BRIDGE NOTE:
 • PRIOR TO CONSTRUCTION FIELD COORDINATE HEIGHT AND ROUTE OF ICE BRIDGE WITH TOWER OWNER
 • ALL SUPPORT POSTS MUST BE GROUNDED

NOTES:

- LOCATION OF GPS MUST HAVE CLEAR VIEW OF SOUTHERN SKY AND CANNOT HAVE ANY BLOCKAGES EXCEEDING 25% OF THE SURFACE AREA OF A HEMISPHERE AROUND THE GPS.
- ALL GPS LOCATIONS MUST BE ABLE TO RECEIVE CLEAR SIGNALS FROM A MINIMUM OF FOUR (4) SATELLITES. VERIFY WITH HANDHELD GPS BEFORE FINAL LOCATION OF GPS.



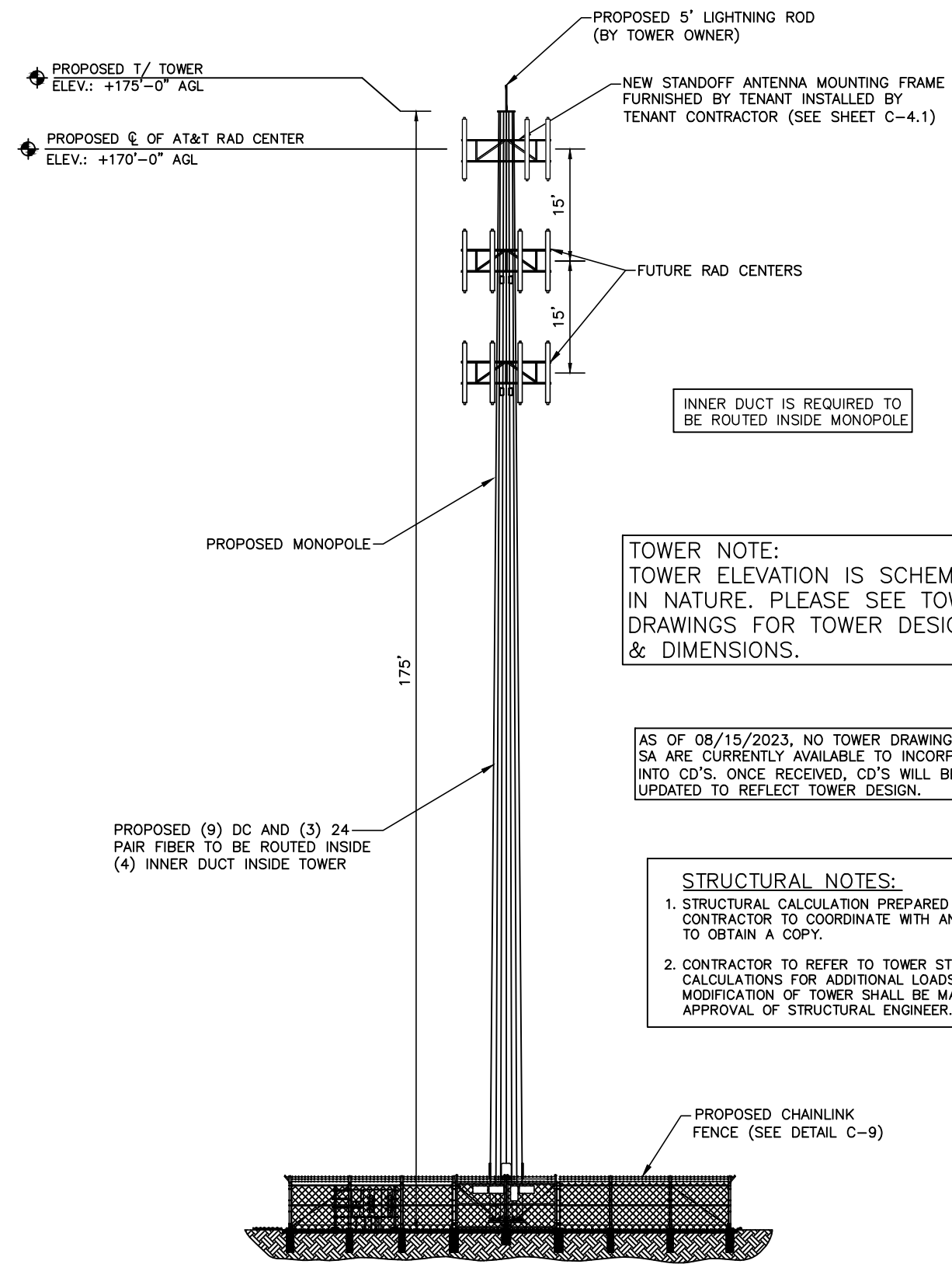
3 GPS ANTENNA MOUNTING DETAIL
 SCALE: NOT TO SCALE



2 EMERGENCY SHUT-OFF SWITCH DETAIL
 SCALE: NOT TO SCALE



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



NOTE: SEE SHEET C-4.01 FOR ANTENNA LAYOUT AND NOTES.

INNER DUCT IS REQUIRED TO BE ROUTED INSIDE MONOPOLE

TOWER NOTE:
 TOWER ELEVATION IS SCHEMATIC IN NATURE. PLEASE SEE TOWER DRAWINGS FOR TOWER DESIGN & DIMENSIONS.

AS OF 08/15/2023, NO TOWER DRAWINGS OR SA ARE CURRENTLY AVAILABLE TO INCORPORATE INTO CD'S. ONCE RECEIVED, CD'S WILL BE UPDATED TO REFLECT TOWER DESIGN.

STRUCTURAL NOTES:

1. STRUCTURAL CALCULATION PREPARED BY OTHERS. CONTRACTOR TO COORDINATE WITH ANB REPRESENTATIVE TO OBTAIN A COPY.
2. CONTRACTOR TO REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

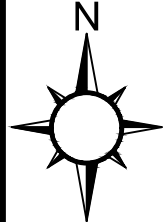
| DATE | DESCRIPTION: | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
TOWER ELEVATION
AND LIGHTING DETAIL

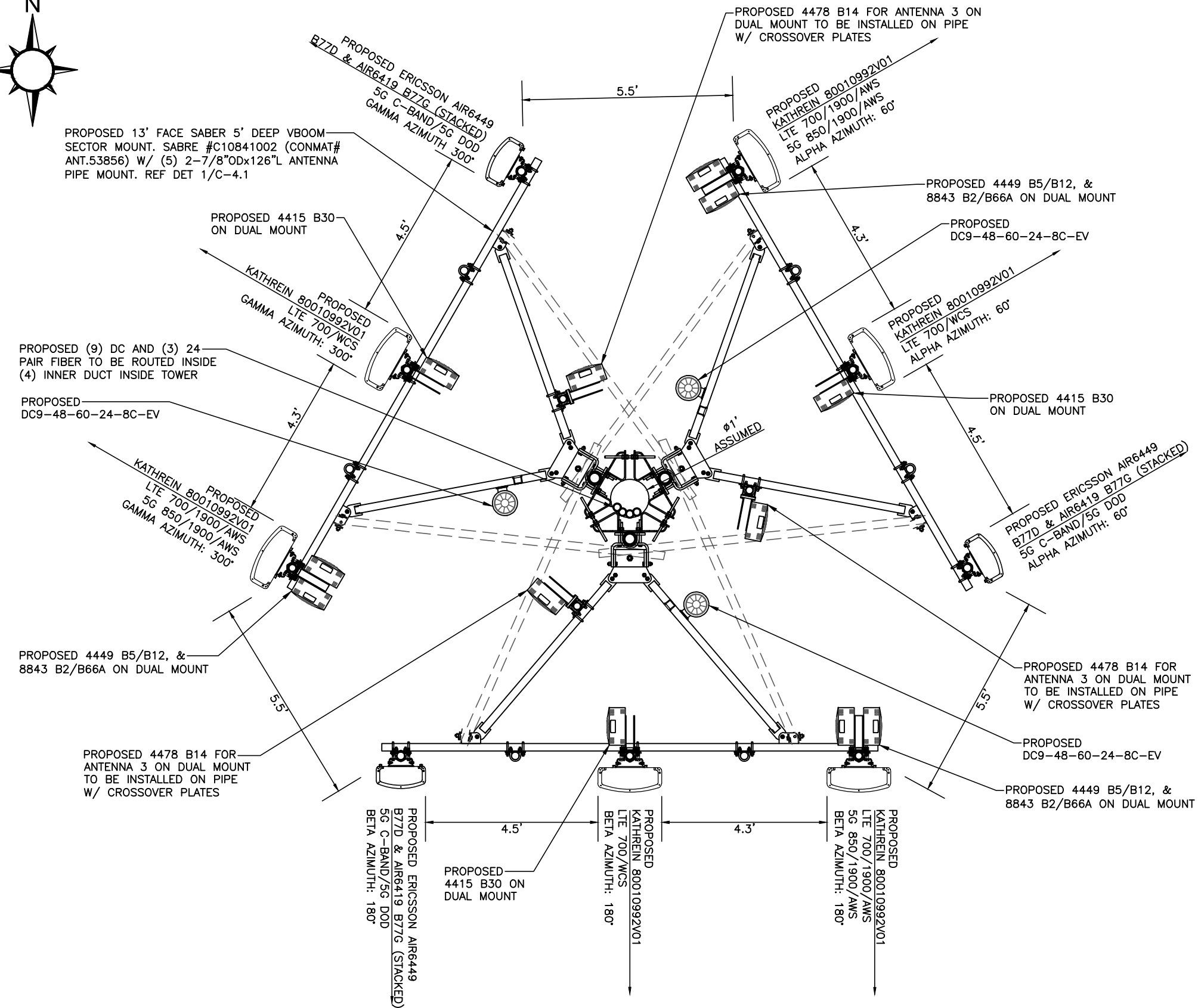
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



1
C-4 TOWER ELEVATION
 SCALE: 1" = 20'



PROPOSED 13' FACE SABER 5' DEEP VBOOM SECTOR MOUNT. SABRE #C10841002 (CONMAT# ANT.53856) W/ (5) 2-7/8"ODx126"L ANTENNA PIPE MOUNT. REF DET 1/C-4.1



ANTENNA NOTES:

1. THIS ANTENNA ORIENTATION PLAN IS A SCHEMATIC. THE CONTRACTOR SHALL VERIFY TOWER ORIENTATION AND FIELD COORDINATE REQUIRED ADJUSTMENTS TO ACHIEVE THE DESIRED ANTENNA AZIMUTHS.
2. PROPOSED JUMPERS NOT SHOWN FOR CLARITY.
3. ANTENNA CENTERLINE HEIGHT BASED ON TOP OF FOOTING ELEVATION.
4. ALL ANTENNAS, CABLES AND MOUNTS SHALL BE INSTALLED IN ACCORDANCE WITH THE TOWER ENGINEER'S RECOMMENDATIONS IN A MANNER CONSISTENT WITH THE STRUCTURAL ANALYSIS REPORT.
5. ALL ANTENNA BRACKETS PER ANTENNA MANUFACTURER, OR EQUAL CONTRACTOR TO COORDINATE REQUIRED MECHANICAL DOWNTILT WITH AT&T.
6. ALL ANTENNA INFORMATION TO BE CONFIRMED WITH AT&T RF DESIGN PRIOR TO INSTALLATION.
7. ALL PROPOSED ANTENNA ELECTRICAL/MECHANICAL DOWNTILTS AS PER RF DATA SHEETS.
8. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC SHALL BE INSTALLED PER TOWER MANUFACTURER'S STANDARD DETAILS.

ANTENNA SEPARATION REQUIREMENTS:
INSTALLERS TO MAINTAIN:

- 1) A 3' SEPARATION BETWEEN ALL ANTENNAS* ON THE SAME MOUNT (* SEE NOTE 3)
- 2) A 4' SEPARATION IS TO BE MAINTAIN BETWEEN ANTENNAS ON DIFFERENT SECTOR MOUNTS IF ANTENNAS ARE 700 B/C (B12/B17) AND 700 D/E (B29); THEN A 6' SEPARATION WILL BE REQUIRED FOR THESE ANTENNAS.

ANTENNA LAYOUT DESIGN NOTES:

- 1.) THE INITIAL ANTENNA LAYOUT PAGE WAS DESIGNED BEFORE TOWER DRAWINGS WERE RECEIVED BY SMW ENGINEERING. THE WIDTH NOTED ON PLANS ARE ASSUMED.
- 2.) ALL ANTENNA LAYOUTS ARE SCHEMATIC IN NATURE.
- 3.) SEE SHEET C-3 FOR SITE SPECIFIC TOWER TYPE:
 - A. SST DRAWN WITH ASSUMED 5' FACE
 - B. GUY TOWER DRAWN WITH ASSUMED 3' FACE
 - C. MONOPOLE DRAWN ASSUMED 18" DIAMETER
- 4.) FUTURE ANTENNAS SHOWN TO VALIDATE REQUIRED SEPARATION BETWEEN ANTENNAS
- 5.) ONCE TOWER DRAWINGS ARE RECEIVED "ASSUMED" WILL BE REMOVED FROM ANTENNA LAYOUT. DO NOT USE CD'S FOR INSTALLATION IF TOWER DRAWINGS HAVE NOT BEEN RECEIVED BY SMW ENGINEERING AND INCORPORATED INTO DRAWINGS.
- 6.) SEE TOWER NOTE ON THIS PAGE AND FRONT COVER TO VERIFY IF TOWER DRAWINGS ARE INCORPORATED INTO PLANS.

ALL 2-7/8" OD ANTENNA PIPES ARE TO BE 126" LONG (10'-6" LONG). (COMMSCOPE MT-546-126 (ANT.16873) OR AT&T APPROVED EQUAL PER LATEST CONMAT LIST) (5) PIPES PER SECTOR MOUNT

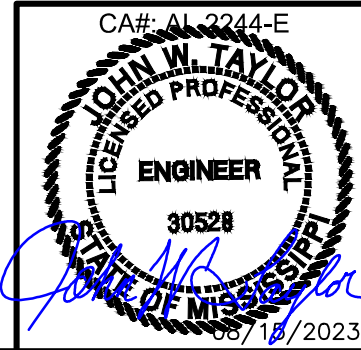
5 ANTENNA MOUNT NOTE:

- 1) THIS SCHEMATIC IS SHOWN WITH 5 ANTENNA MOUNTS, PER AT&T'S LATEST RFDS.
- 2) ALL 700 MHZ ANTENNA AND RADIOS SHALL MAINTAIN A 3' OR 6' SEPARATION, AT ALL TIMES, AS DIRECTED BY AT&T.
- 3) FINAL CONFIGURATION SHALL BE MADE BY CONTRACTORS IN FIELD, PER AT&T GUIDELINES.

TIEBACK NOTE:
DUE TO TIEBACK LENGTH (6) SA-B12 (CONMAT# ANT.16613) (2-3/8"x150" PIPE) STIFF ARMS WILL BE REQUIRED. SEE CUT SHEET IN ATTACHMENTS

1 ANTENNA LAYOUT
SCALE: 1"=3'

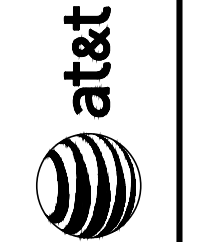
AS OF 08/15/2023, NO TOWER DRAWINGS OR SA ARE CURRENTLY AVAILABLE TO INCORPORATE INTO CD'S. ONCE RECEIVED, CD'S WILL BE UPDATED TO REFLECT TOWER DESIGN.



SMW ENGINEERING GROUP, N.C.
REGISTERED PROFESSIONAL ENGINEERS

FORESITE SERVICES, LLC

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.869" (-90.111852°)



| DESIGNER: | ZDS | AMD | AMD |
|--------------|--------------------------|-------------------|--------------------------|
| DATE | 01/26/23 | 07/24/23 | 08/15/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD |

SOUTH GLUCKSTADT

ANTENNA LAYOUT AND NOTES

CA#: AL 2244-E

DESIGNER: ZDS
CHECKED BY: JWT
ENGINEER: JWT

SMW #: 22-1425

SHEET NO.: C-4.01
REV: 2

08/15/2023

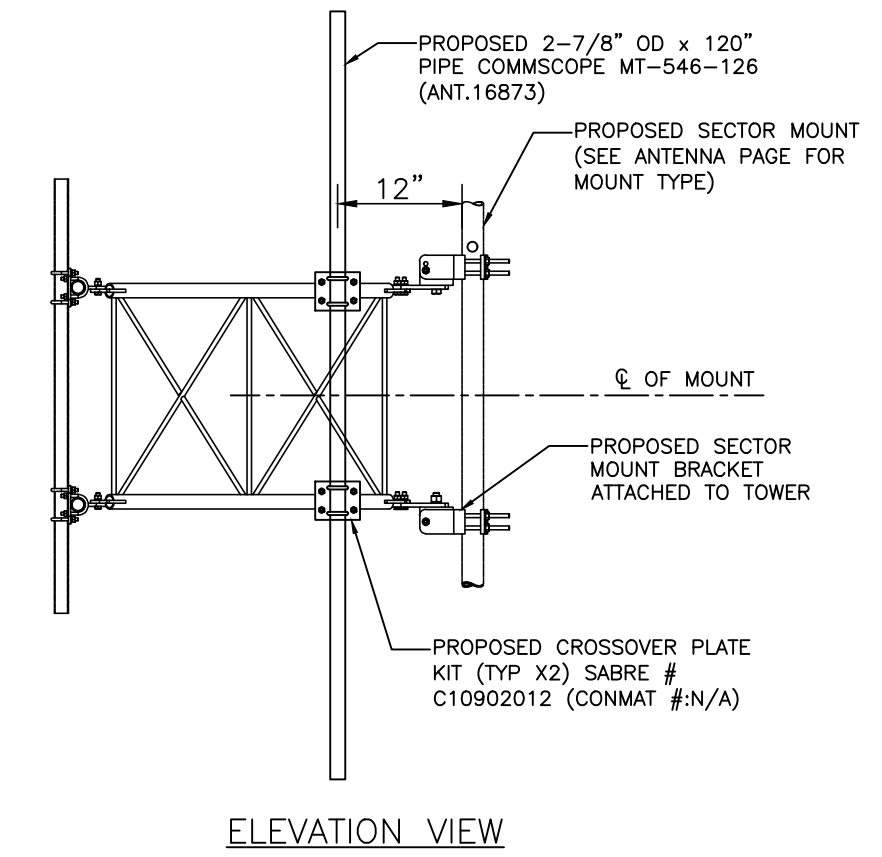
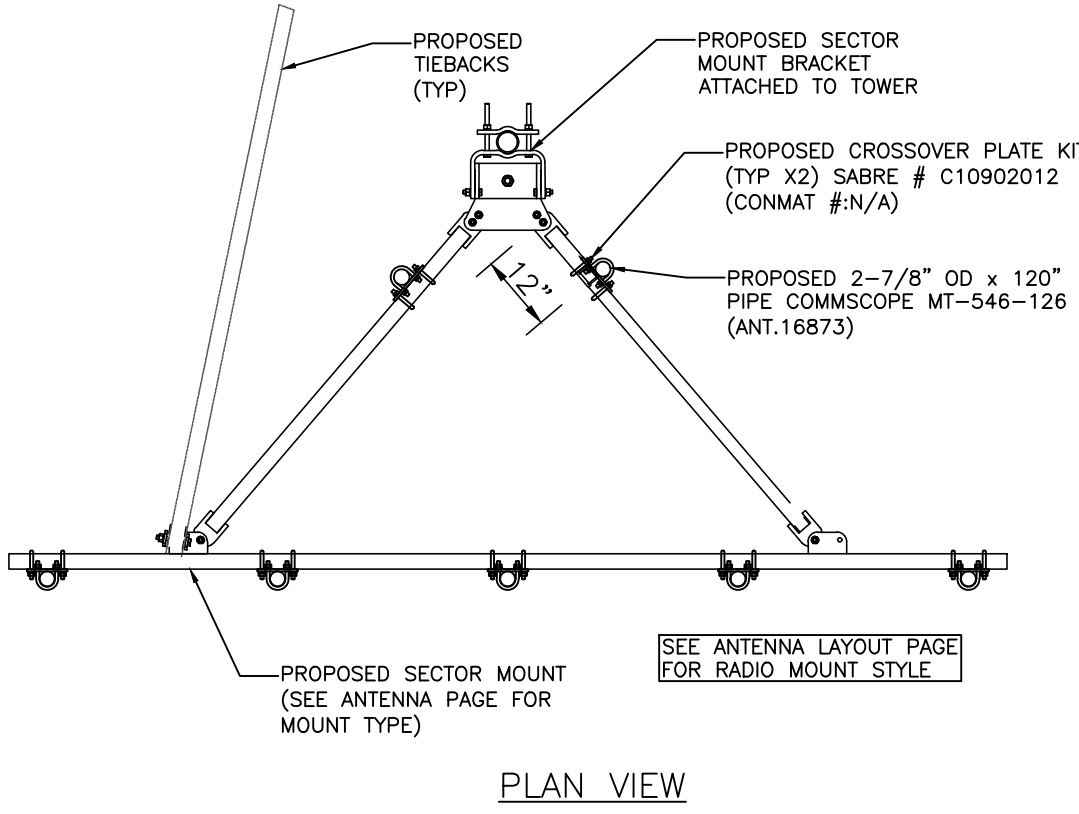


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| ITEM | QTY | PART NO. | DESCRIPTION | WEIGHT |
|--------------|-----|-----------|--------------------------------------|--------|
| 1 | 1 | C1090212 | CROSSOVER PLATE | 4 |
| 2 | 2 | C40034139 | U-BOLT ASSEMBLY, 1/2" X 2 15/16" C-C | 2 |
| 3 | 2 | C40034140 | U-BOLT ASSEMBLY, 1/2" X 3 7/16" C-C | 2 |
| TOTAL WEIGHT | | | | 8 |

| | |
|---|--|
| UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS UNLESS NOTED ARE IN INCHES. TOLERANCES FRACTIONS ± 1/32" DECIMALS ± 0.015" | INTENT: TOLERANCES DO NOT APPLY TO THE MOUNTING. |
|---|--|

| | | |
|---|--|--|
| CONFIDENTIAL This document and the information contained herein is the confidential property of Sabre Communications Corporation ("Sabre") and must not be reproduced, copied or used in whole or in part, for any purpose without the prior written consent of Sabre. ©2014 Sabre Communications Corporation. All rights reserved. | | SHEET: B DRAWING NO.: C10902012 REV: 0 |
|---|--|--|



1 CROSSOVER DETAIL FOR RADIOS
 C-402 SCALE: NOT TO SCALE

MOUNT SHOWN IS TO HELP LOCATE WHERE THE CROSSOVER PLATES AND PIPE ARE TO BE INSTALLED ON THE MOUNT. FOR MOUNT TYPE AND TIEBACK NUMBERS AND TIEBACK LOCATION, SEE CALLOUTS ON THE ANTENNA LAYOUT PAGE.

DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR ITS ENGINEERS.

CA#: AL 2244-E

DATE: 08/15/2023

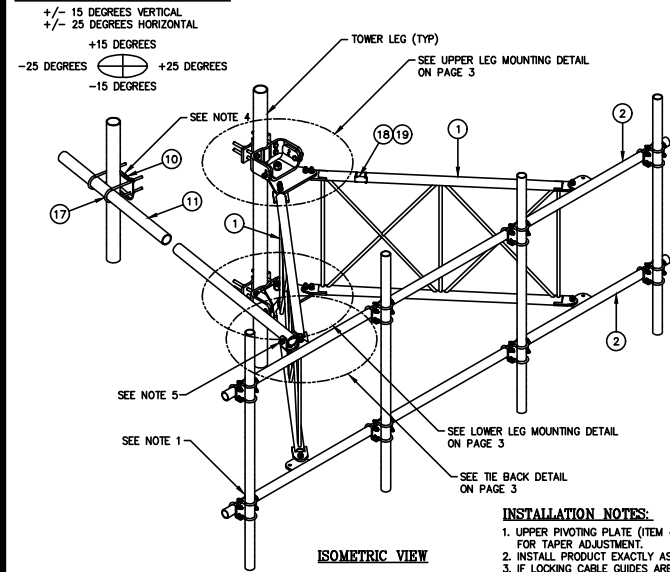
| DATE | DESCRIPTION | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
 CROSSOVER PIPE DETAIL

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-4.02 ?

TIEBACK ANGLE RANGE DETAIL



| ITEM | QTY | PART NO. | DESCRIPTION | WEIGHT |
|---------------------|-----|-----------|--|------------|
| 1. | 2 | CW01556 | WELDMENT, STANDOFF ARM | 192 |
| 2. | 2 | CW01223 | WELDMENT, FACE PIPE | 147 |
| 3. | 2 | CS03518 | PLATE, ROTATING | 35 |
| 4. | 1 | CS03110 | PLATE, PIVOTING (UPPER) | 16 |
| 5. | 1 | CS03111 | PLATE, LEG CLAMP (UPPER) | 17 |
| 6. | 1 | CS03112 | PLATE, PIVOTING (LOWER) | 14 |
| 7. | 1 | CS03113 | PLATE, LEG CLAMP (LOWER) | 17 |
| 8. | 2 | CS03114 | PLATE, LEG CLAMP (BACK) | 14 |
| 9. | 1 | CS00096 | PLATE, TIEBACK SWIVEL | 3 |
| 10. | 1 | CS03518 | PLATE, TIEBACK CLAMP | 5 |
| 11. | 1 | CS00249 | PIPE, TIEBACK 2 7/8" O.D. X 0.203 X 15'-6" | 83 |
| 12. | 2 | C40026073 | BOLT ASSEMBLY, 1 # X 3 A325 | 4 |
| 13. | 8 | C40140004 | BOLT ASSEMBLY, 5/8 # X 8 A307 | 13 |
| 14. | 1 | C40026035 | BOLT ASSEMBLY, 5/8 # X 5 A325 | 1 |
| 15. | 12 | C40026025 | BOLT ASSEMBLY, 5/8 # X 2 1/2 A325 | 6 |
| 16. | 5 | C40026024 | BOLT ASSEMBLY, 5/8 # X 2 1/4 A325 | 3 |
| 17. | 2 | C40034201 | U-BOLT ASSEMBLY, 1/2 # X 3 7/16 C-C | 3 |
| 18. | 1 | Z30992044 | MOUNT CLASSIFICATION TAG C10841001C/C10841002C | 1 |
| 19. | 2 | C40062103 | STAINLESS STEEL SELF-LOCKING CABLE TIE | 1 |
| TOTAL WEIGHT | | | | 585 |

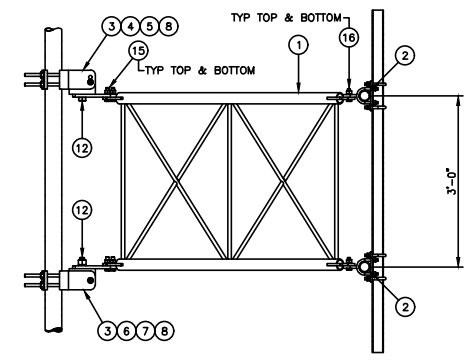
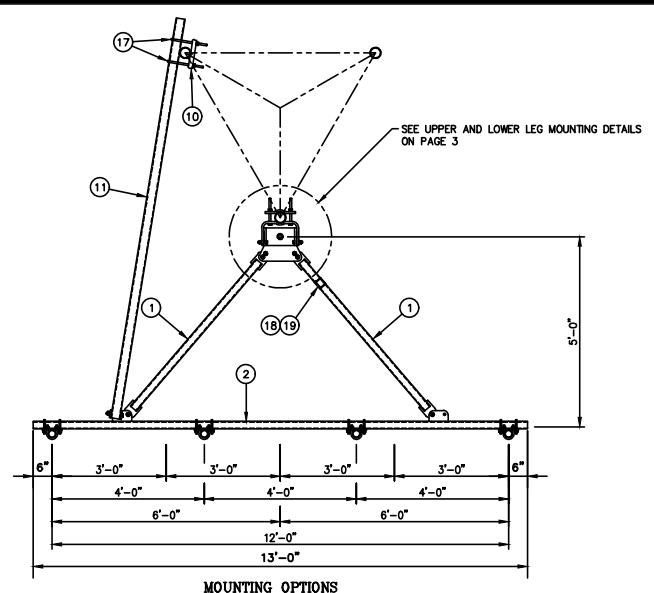
PACKAGING NOTE
 CK00426--INCLUDES ITEM 1
 CK00427--STL INCLUDES ITEMS 2 & 11
 CK00427--HDW INCLUDES ITEMS 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18 & 19.

INSTALLATION NOTES:
 1. UPPER PIVOTING PLATE (ITEM 4) HAS THREE HOLES ON EACH SIDE AND UPPER LEG CLAMP PLATE (ITEM 5) HAS TWO HOLES ON EACH SIDE FOR TAPER ADJUSTMENT.
 2. INSTALL PRODUCT EXACTLY AS SHOWN IN DRAWING, WITH ALL BOLTS FACING UPWARDS.
 3. IF LOCKING CABLE GUIDES ARE REQUIRED THEY MUST BE PURCHASED SEPARATELY (SEE PAGE 4).

NOTES:
 1. MOUNTING PIPES & CROSSOVER PLATE KITS MUST BE PURCHASED SEPARATELY.
 2. QUANTITIES SHOWN IN LISTS OF MATERIAL ARE FOR ONE (1) V-BOOM ONLY.
 3. THIS V-BOOM WILL MOUNT TO THE FOLLOWING: 1 1/2" TO 5 9/16" ROUND LEG.
 4. TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED ABOVE IN THE TIEBACK ANGLE RANGE DETAIL, UNLESS APPROVED BY THE ENGINEER OF RECORD.
 5. THE TIEBACK IS SHOWN IN THIS POSITION AS A DEFAULT. THIS TIEBACK CAN BE CONNECTED AT ANY (1) OF THE (4) POSITIONS ON THE TABS ON THE FACE PIPE.

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
| | | | | |
| | | | | |
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| | | | | |

| | | | |
|------------|----------|--|------------|
| | | 12' V-BOOM ASSEMBLY W/TIEBACK (5' STANDOFF) W/NO ANTENNA MOUNTING PIPES | |
| DATE | 06/07/21 | SIZE | B |
| DRAWN BY | WRF | DRAWING NO. | C10841002C |
| CHECKED BY | EK | SCALE | None |
| | | PAGE | 1 OF 4 |

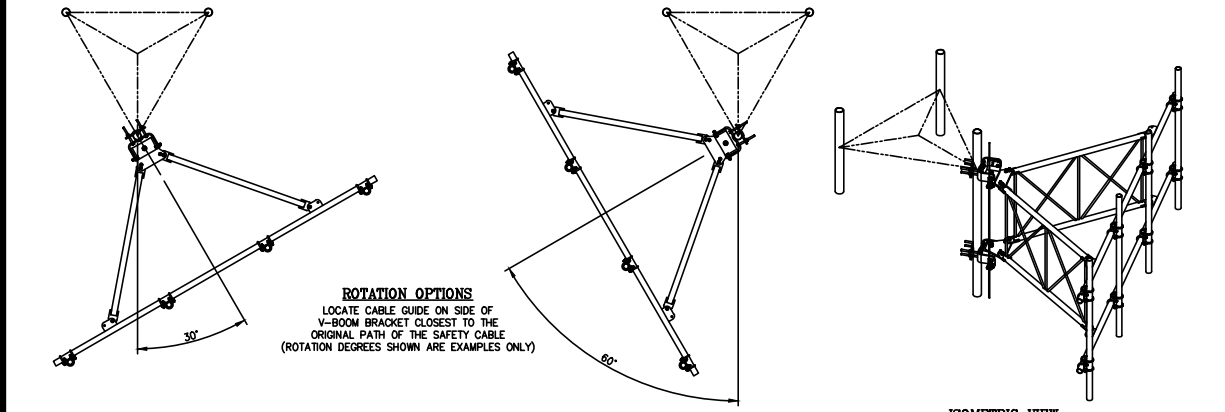


CONMAT #ANT.53856

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
| | | | | |
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| | | | | |
| | | | | |

| | | | |
|------------|----------|--|------------|
| | | 12' V-BOOM ASSEMBLY W/TIEBACK (5' STANDOFF) W/NO ANTENNA MOUNTING PIPES | |
| DATE | 06/07/21 | SIZE | B |
| DRAWN BY | WRF | DRAWING NO. | C10841002C |
| CHECKED BY | EK | SCALE | None |
| | | PAGE | 2 OF 4 |

OPTIONAL LOCKING CABLE GUIDE
 IF REQUIRED PLEASE ORDER PART NUMBER C30017022. THIS KIT WILL COME WITH (2) LOCKING CABLE GUIDES FOR TOP & BOTTOM V-BOOM BRACKETS.



| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
| | | | | |
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| | | | | |

| | | | |
|------------|----------|--|------------|
| | | 12' V-BOOM ASSEMBLY W/TIEBACK (5' STANDOFF) W/NO ANTENNA MOUNTING PIPES | |
| DATE | 06/07/21 | SIZE | B |
| DRAWN BY | WRF | DRAWING NO. | C10841002C |
| CHECKED BY | EK | SCALE | None |
| | | PAGE | 4 OF 4 |

ALL 2-7/8" OD ANTENNA PIPES ARE TO BE 126" LONG (10'-6" LONG). (COMMSCOPE MT-546-126 (ANT.16873) OR AT&T APPROVED EQUAL PER LATEST CONMAT LIST) (5) ANTENNA PIPES PER SECTOR MOUNT.

DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

CA#: AL 2244-E

SOUTH GLUCKSTADT
 DESIGNER: ZDS
 CHECKED BY: JWT
 ENGINEER: JWT
 SMW #: 22-1425
 SHEET NO.: C-4.1
 REV.: 2
 08/15/2023

Section 10, Item B)

FORESITE SERVICES, LLC
 SITE COORDINATES:
 N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

SOUTH GLUCKSTADT
 DESIGNER: ZDS
 ISSUED FOR CLIENT REVIEW
 01/26/23
 AMD
 ISSUED FOR ZONING
 07/24/23
 AMD
 REVISED PER CONCRETE PAD
 08/15/23
 AMD

SOUTH GLUCKSTADT
 SECTOR MOUNT DETAIL
 MONOPOLE TOWERS

C-4.1 2



DESIGNER: ZDS

ISSUED FOR CLIENT REVIEW: AMD

ISSUED FOR ZONING: AMD

REVISED PER CONCRETE PAD: AMD

DATE: 01/26/23, 07/24/23, 08/15/23

SOUTH GLUCKSTADT
RF PLUMBING RISER

DESIGNER: ZDS

CHECKED BY: JWT

ENGINEER: JWT

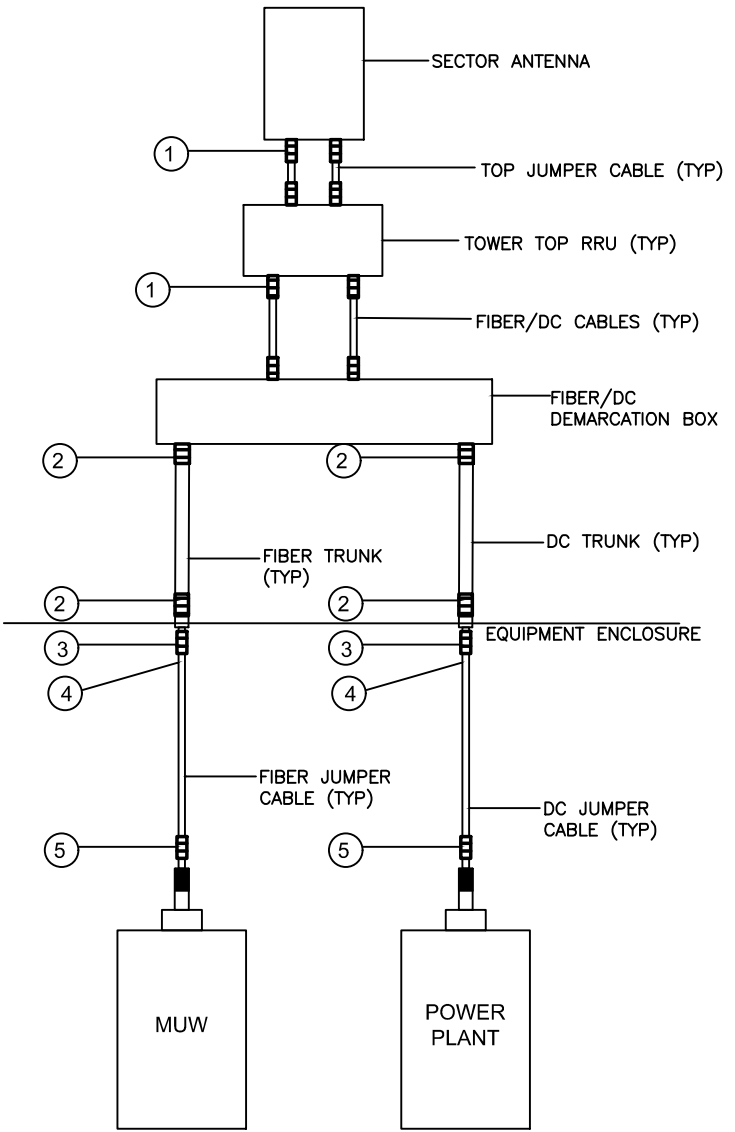
SMW #: 22-1425

SHEET NO.: C-4.2

REV.: ?

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.869" (-90.111852°)

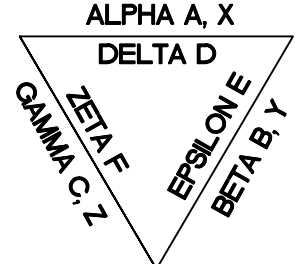
- NOTES:**
1. SECTOR ORIENTATION/AZIMUTH WILL VARY FROM REGION AND IS SITE SPECIFIC. REFER TO THE RF REPORT FOR EACH SITE TO DETERMINE THE ANTENNA LOCATION AND FUNCTION OF EACH TOWER SECTOR FACE.
 2. THE STANDARD IS BASED ON EIGHT COLORED TAPES—RED, BLUE, GREEN, YELLOW, ORANGE, BROWN, WHITE AND SLATE (GREY). THESE TAPES SHOULD BE READILY AVAILABLE TO THE ELECTRICIAN OR CONTRACTOR ON SITE.
 3. USING COLOR BANDS ON THE CABLES, MARK ALL RF CABLE BY SECTOR AND CABLE NUMBER AS SHOWN ON "CABLE MARKING COLOR CONVENTION TABLE".
 4. ALL COLOR CODE TAPE SHALL BE 3M-35 AND SHALL BE INSTALLED USING A MINIMUM OF (3) WRAPS OF TAPE AND SHALL BE NEATLY TRIMMED AND SMOOTHED OUT SO AS TO AVOID UNRAVELING.
 5. ALL COLOR BANDS INSTALLED AT THE TOWER TOP SHALL BE A MINIMUM OF 3" WIDE AND SHALL HAVE A MINIMUM OF 3/4" OF SPACING BETWEEN EACH COLOR.
 6. ALL COLOR BANDS INSTALLED AT OR NEAR THE GROUND SHALL BE A MINIMUM OF 3/4" WIDE.
 7. ALL COLOR CODES SHALL BE INSTALLED SO AS TO ALIGN NEATLY WITH ONE ANOTHER FROM SIDE-TO-SIDE.



FIBER/DC CABLE MARKING LOCATIONS DIAGRAM

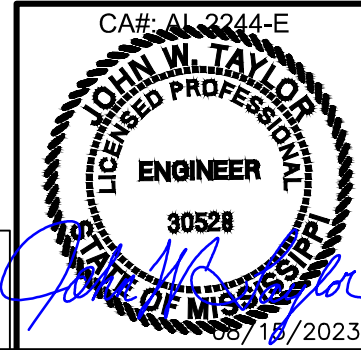
NOTES:

- CONTRACTOR SHALL FILL OUT THE CABLE PORT DIAGRAM UPON COAX INSTALLATION. CABLE PORT DIAGRAM WILL BE AFFIXED TO THE INTERIOR ENCLOSURE WALL NEAR THE CABLE ENTRY PORT TO AID IN CABLE IDENTIFICATION. THE CHART IS INTENDED TO BE USED TO RECORD THE LINE AND CORRESPONDING ANTENNA POSITION ON THE TOWER AT THE TIME OF INSTALLATION.
- ONE COMPLETED COPY PLUS TWO BLANK COPIES OF THE CHART SHOULD BE POSTED IN THE ENCLOSURE IN A PROTECTIVE SLEEVE.

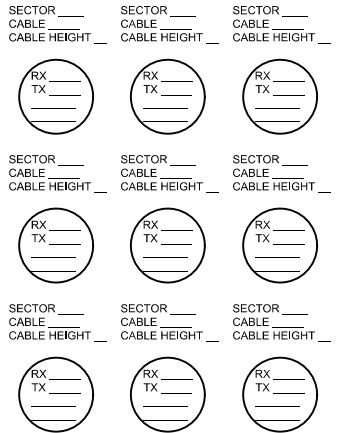


TOWER PLAN VIEW

SYSTEM DETAILS AND DIAGRAMS PROVIDED BY AT&T



CABLE PORT DIAGRAM
CAUTION: HARMFUL RF ENERGY EXISTS ON THESE LINES



ALL RF CABLE SHALL BE MARKED PER CABLE MARKING LOCATIONS TABLE BELOW:

| CABLE MARKING LOCATIONS TABLE | | | |
|-------------------------------|------|-----|--|
| NO. | TAPE | TAG | LOCATIONS |
| 1. | X | | EACH TOP-JUMPER/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS. |
| 2. | X | | EACH MAIN COAX/CABLE TRUNK SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS NEAR THE TOP-JUMPER CONNECTION AND WITH (1) SET OF 3/4" WIDE COLOR BANDS JUST PRIOR TO ENTERING THE BTS OR TRANSMITTER BUILDING. |
| 3. | | X | COAX/CABLE ENTRY PORT ON THE INTERIOR OF THE ENCLOSURE. |
| 4. | X | | ALL BOTTOM JUMPERS/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPERS. |
| 5. | * | * | ALL BOTTOM JUMPERS/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPER. |

(* - DENOTED TAG OR TAP.)



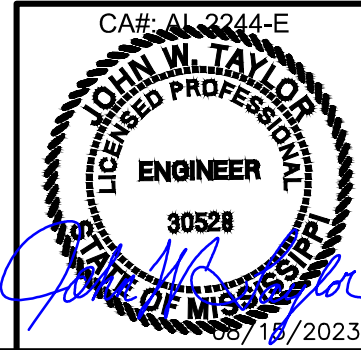
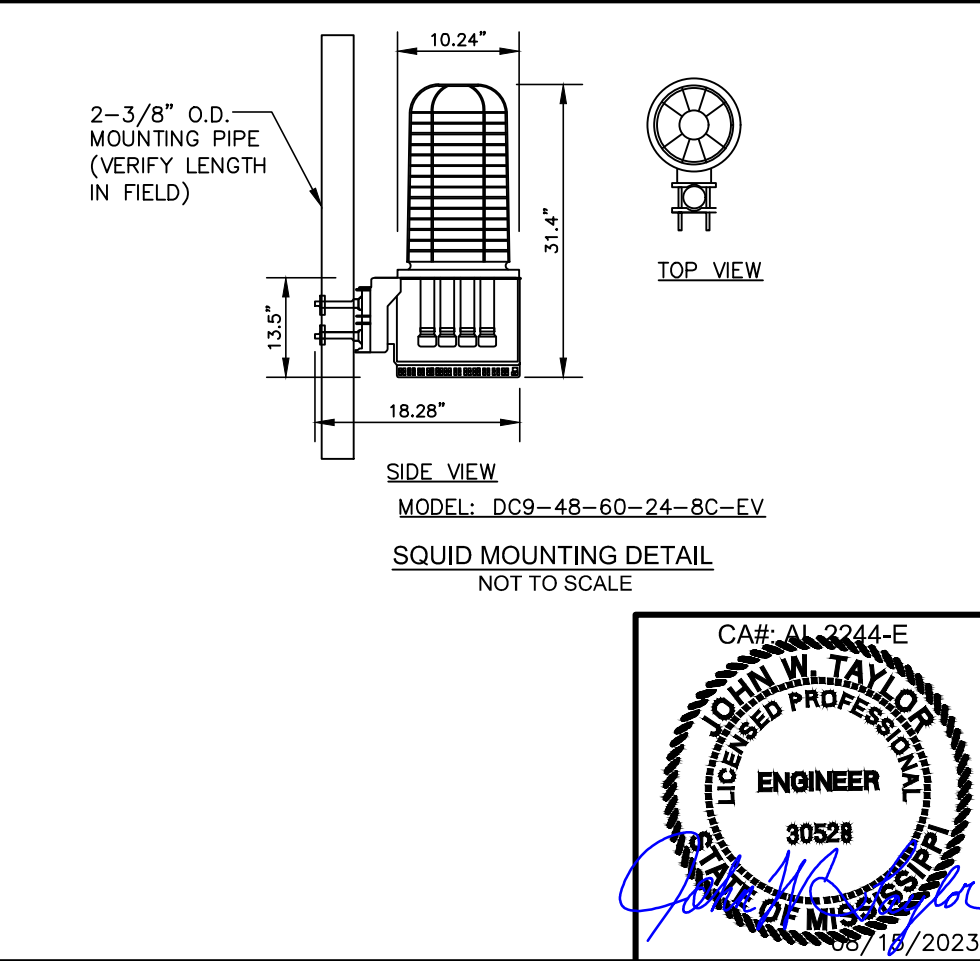
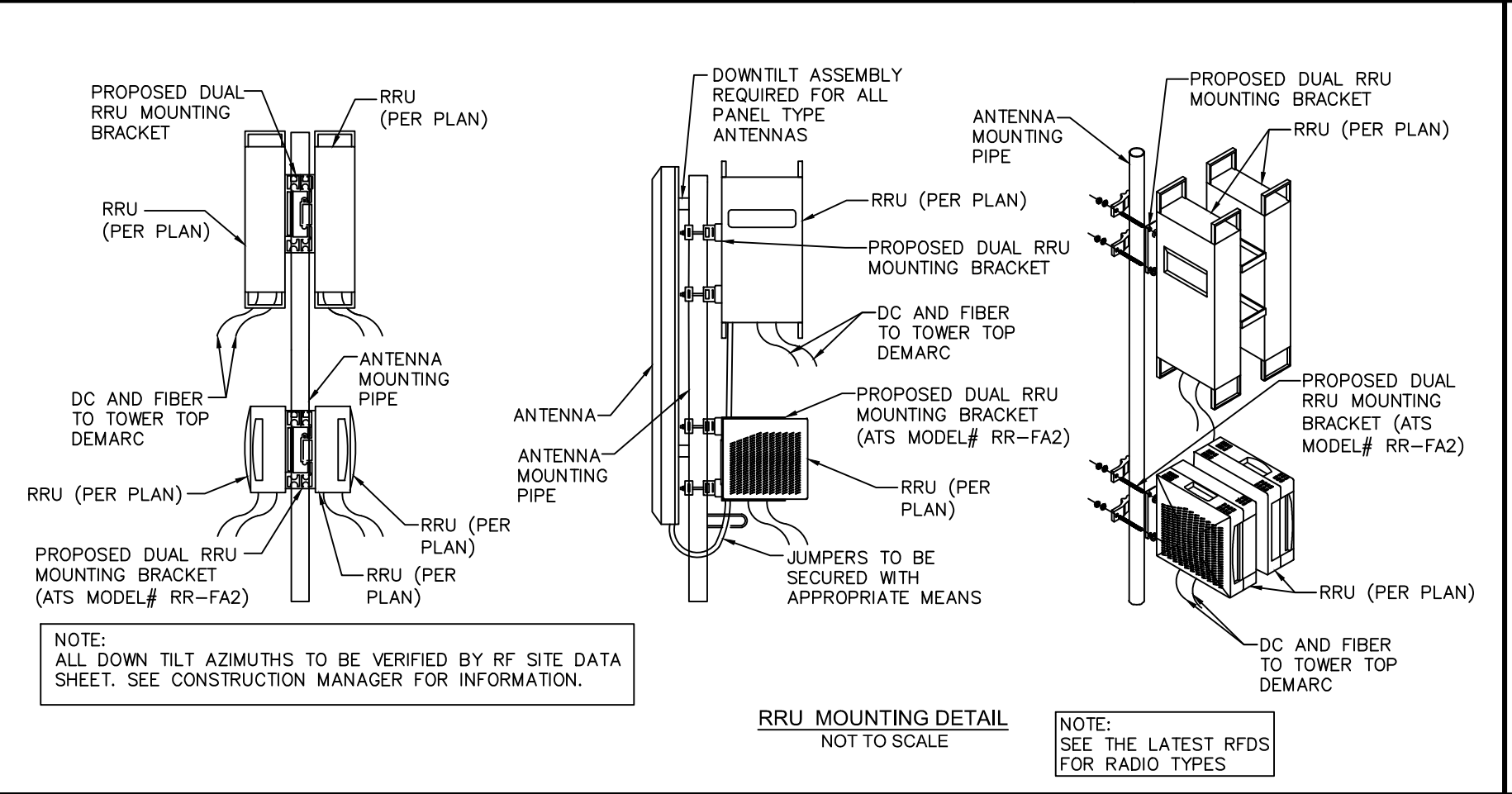
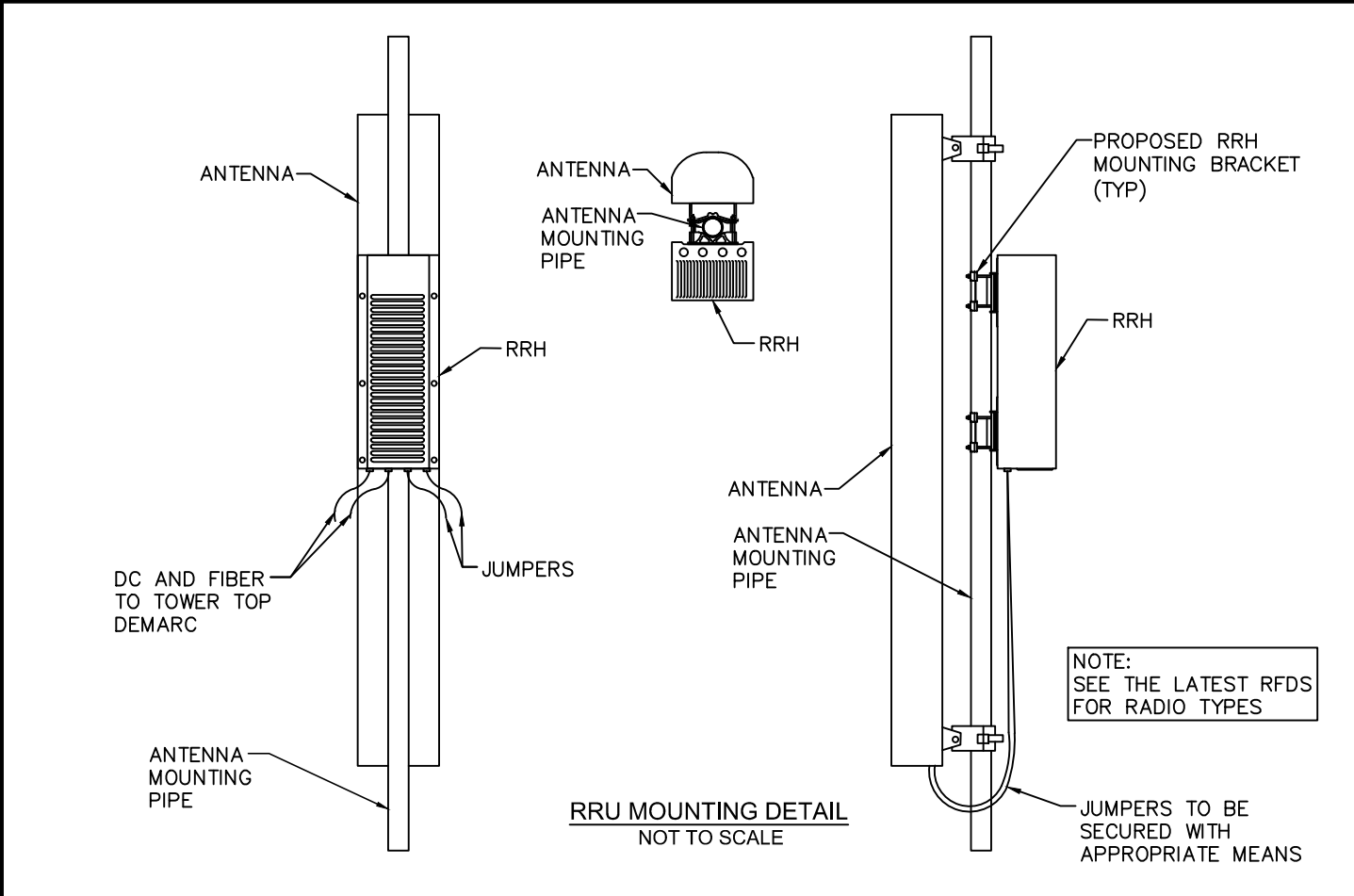
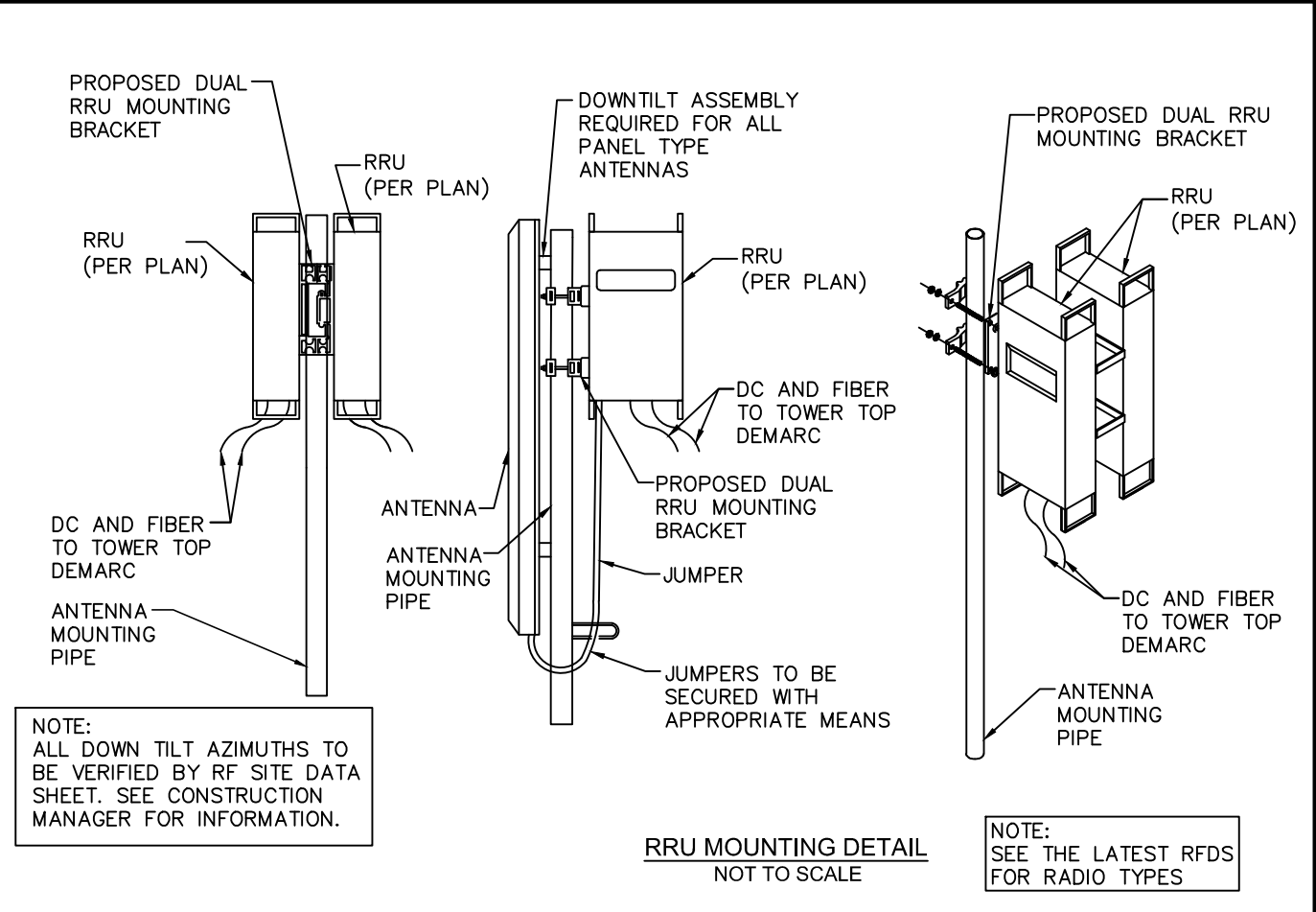
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| | |
|--------------------------|----------|
| DESIGNER: | ZDS |
| ISSUED FOR CLIENT REVIEW | 01/26/23 |
| ISSUED FOR ZONING | 07/24/23 |
| REVISED PER CONCRETE PAD | 08/15/23 |

SOUTH GLUCKSTADT
RRUS AND SQUID MOUNTING DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-4.3 2





DESIGNER: ZDS
 ISSUED FOR CLIENT REVIEW: 01/26/23
 ISSUED FOR ZONING: 07/24/23
 REVISED PER CONCRETE PAD: 08/15/23

| DATE | DESCRIPTION | ZDS | AMD | AMD |
|----------|--------------------------|-----|-----|-----|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | | | |
| 07/24/23 | ISSUED FOR ZONING | | | |
| 08/15/23 | REVISED PER CONCRETE PAD | | | |

SOUTH GLUCKSTADT
 GRADING, SEDIMENT &
 EROSION CONTROL PLAN

DESIGNER: ZDS
 CHECKED BY: JWT
 ENGINEER: JWT
 SMW #: 22-1425

SHEET NO.: C-5
 REV. 2

SITE COORDINATES:
 NAD 83: N 32° 30' 48.075" (32.513954°)
 W 90° 06' 42.869" (90.111852°)

- (Co)** CONSTRUCTION EXIT - TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- (Sdl)** TYPE C SEDIMENT BARRIER - TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- (Ds2)** DISTURBED AREA STABILIZATION (TEMPORARY) - TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- (Ds3)** DISTURBED AREA STABILIZATION (PERMANENT) - TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- (Du)** DISTURBED AREA DUST CONTROL - TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.

PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

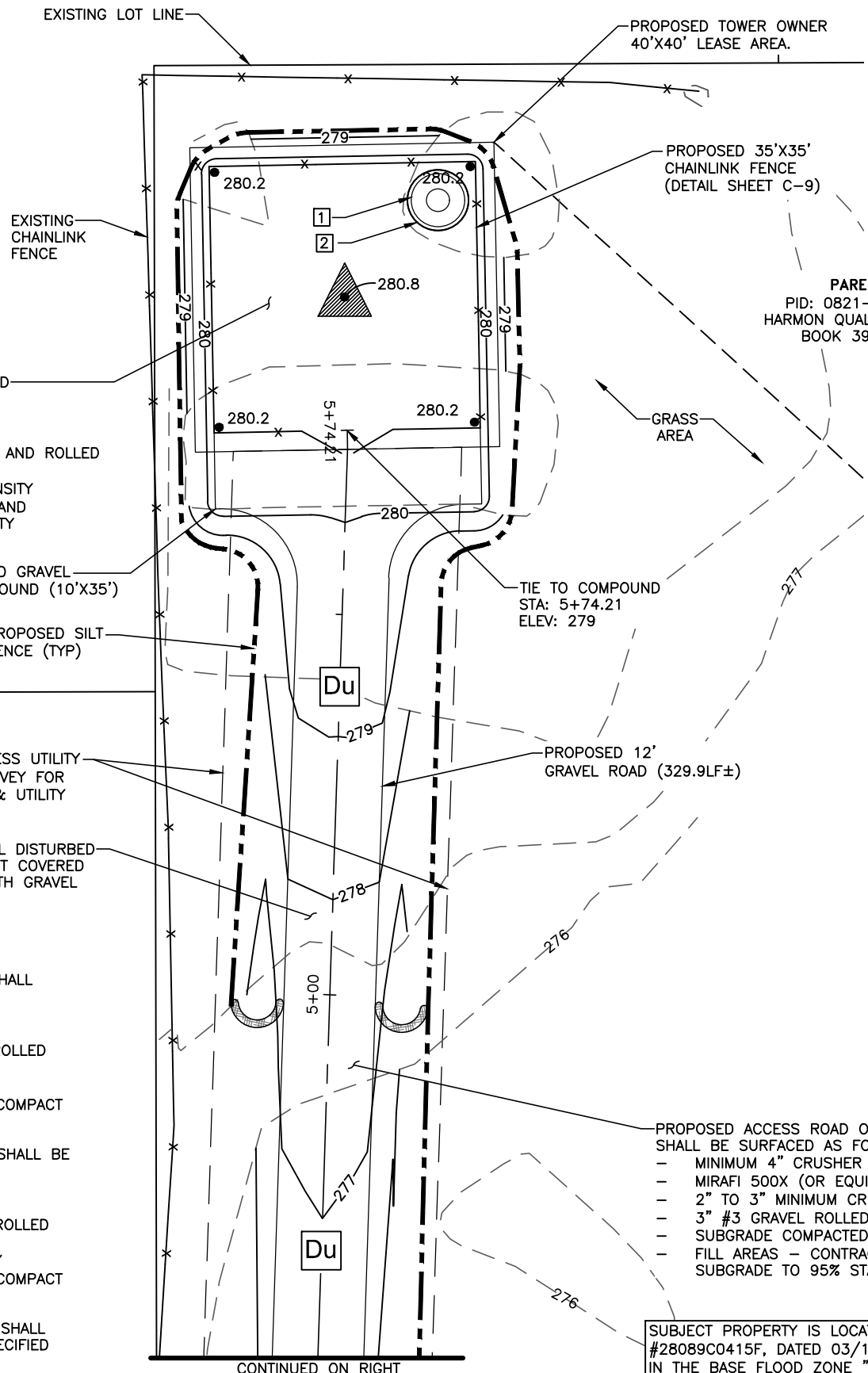
- TOWER NOTES:**
- 1** PROPOSED 175' MONOPOLE TOWER PROPOSED AT&T RAD CENTER 170'
 - 2** PROPOSED TOWER FOOTPRINT SUBJECT TO CHANGES BASED ON TOWER DRAWINGS BY OTHERS

THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

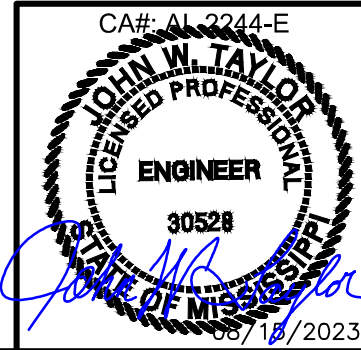
THE PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
 - MIRAFI 500X (OR EQUIVALENT)
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB BASE COURSE
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ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING SHALL BE COMPACTED 95% MINIMUM STANDARD PROCTOR DENSITY AS SPECIFIED BY ASTM D698 AND AASHTO T-99.

THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER



1 GRADING SITE PLAN
 SCALE: 1"=20'





DESIGNER:
ZDS

ISSUED FOR CLIENT REVIEW
01/26/23

ISSUED FOR ZONING
07/24/23

REVISED PER CONCRETE PAD
08/15/23

AMT

AMT

**SOUTH GLUCKSTADT
GRADING, SEDIMENT &
EROSION CONTROL PLAN**

DESIGNER: ZDS

CHECKED BY: JWT

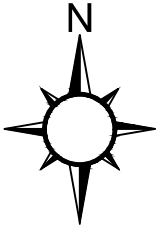
ENGINEER: JWT

SMW #: 22-1425

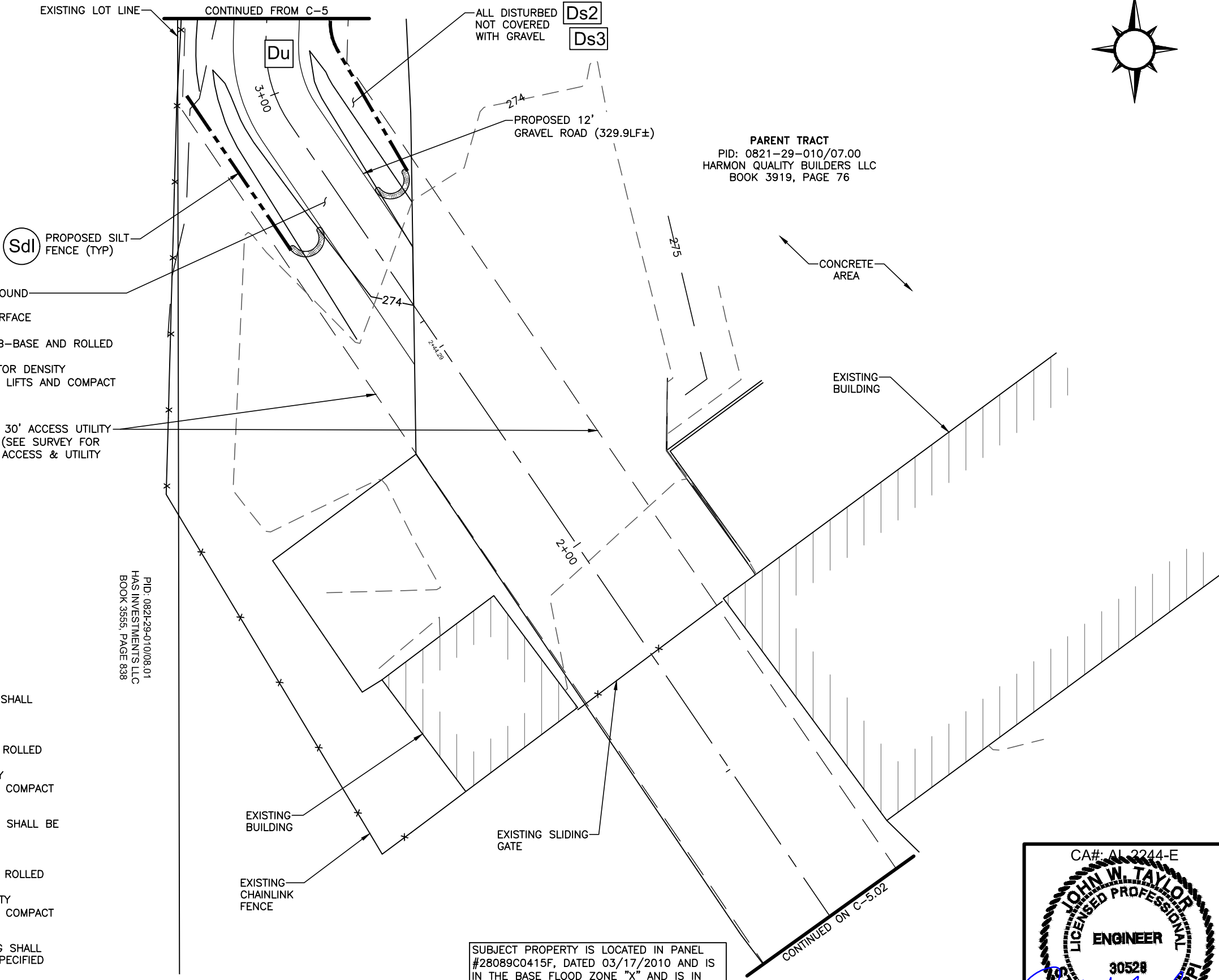
SHEET NO.: C-5.01

REV. 2

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.869" (-90.111852°)



- Co** CONSTRUCTION EXIT – TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sdl** TYPE C SEDIMENT BARRIER – TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) – TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) – TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- Du** DISTURBED AREA DUST CONTROL – TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.



PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - MINIMUM 4" CRUSHER RUN FINISHED DRIVING SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

PROPOSED 30' ACCESS UTILITY EASEMENT (SEE SURVEY FOR COMPLETE ACCESS & UTILITY EASEMENT)

PID: 0821-29-010/08.01
 HAS INVESTMENTS, LLC
 BOOK 3555, PAGE 838

THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
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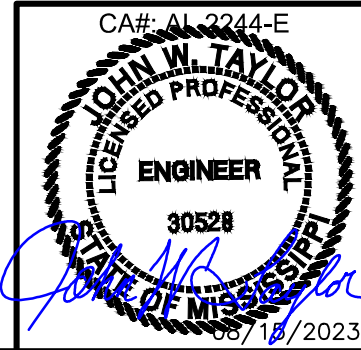
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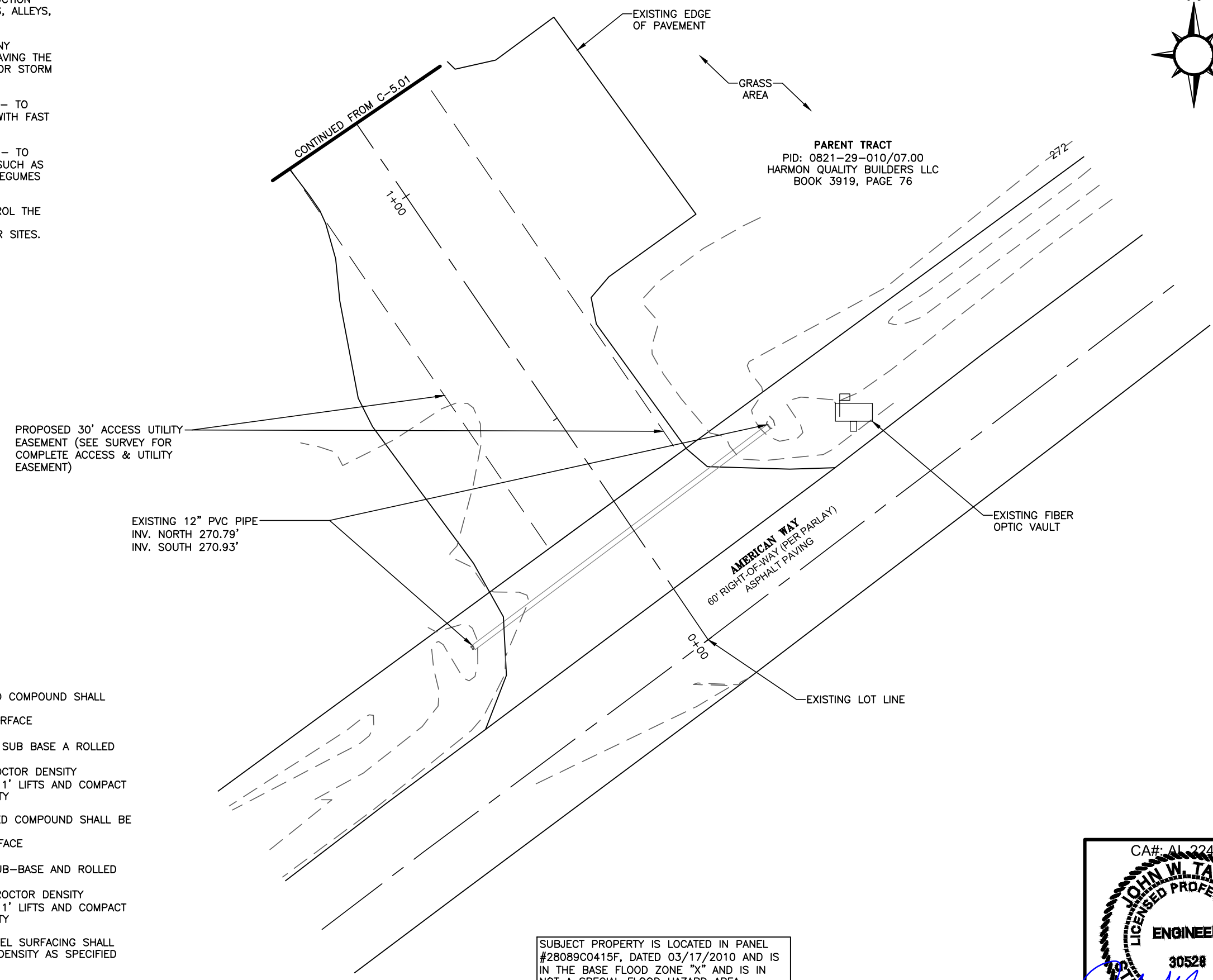
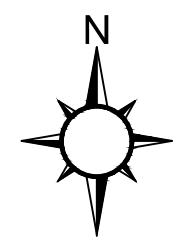
THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1
C-501 GRADING SITE PLAN
 SCALE: 1"=20'



- Co** CONSTRUCTION EXIT – TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
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SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

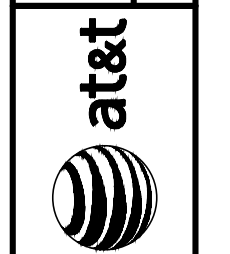
1
C-5.02 GRADING SITE PLAN
SCALE: 1"=20'



SMW
ENGINEERING GROUP, N.C.
REGISTERED PROFESSIONAL ENGINEERS

FORESITE
SERVICES, LLC

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.869" (-90.111852°)

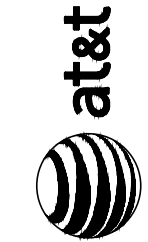


| DATE | DESCRIPTION: | DESIGNER: |
|----------|--------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

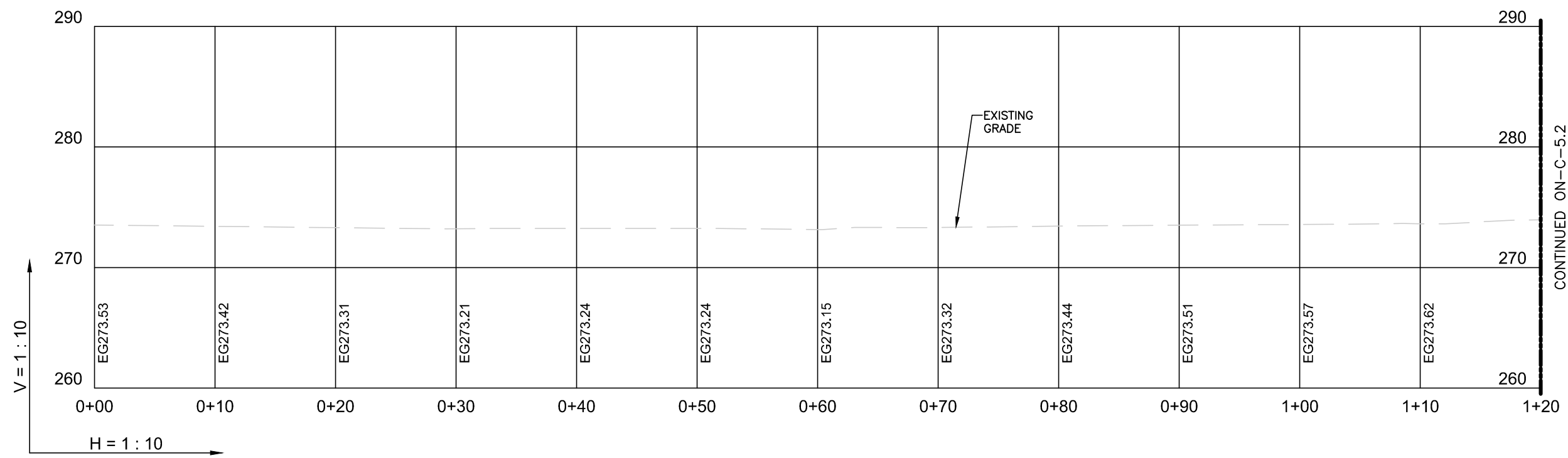
SOUTH GLUCKSTADT
GRADING, SEDIMENT & EROSION CONTROL PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-5.02 2



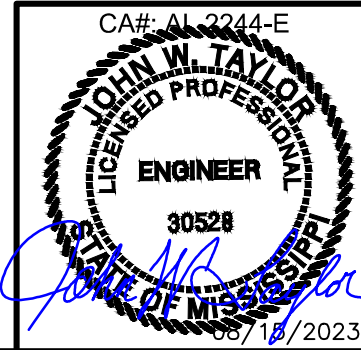
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



SOUTH GLUCKSTADT
ACCESS ROAD PROFILE
SHEET

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

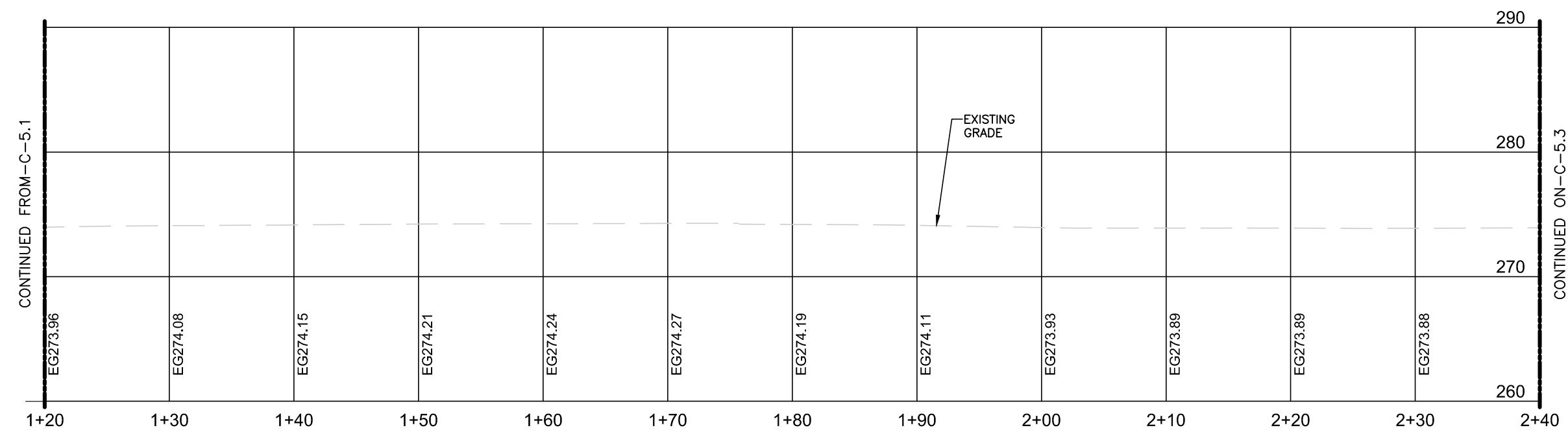
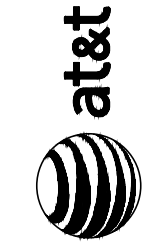
C-5.1 2



1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



CONTINUED FROM -C-5.1

CONTINUED ON -C-5.3

| DATE | DESCRIPTION | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

**SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET**

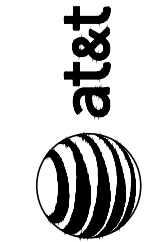
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| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-5.2 2

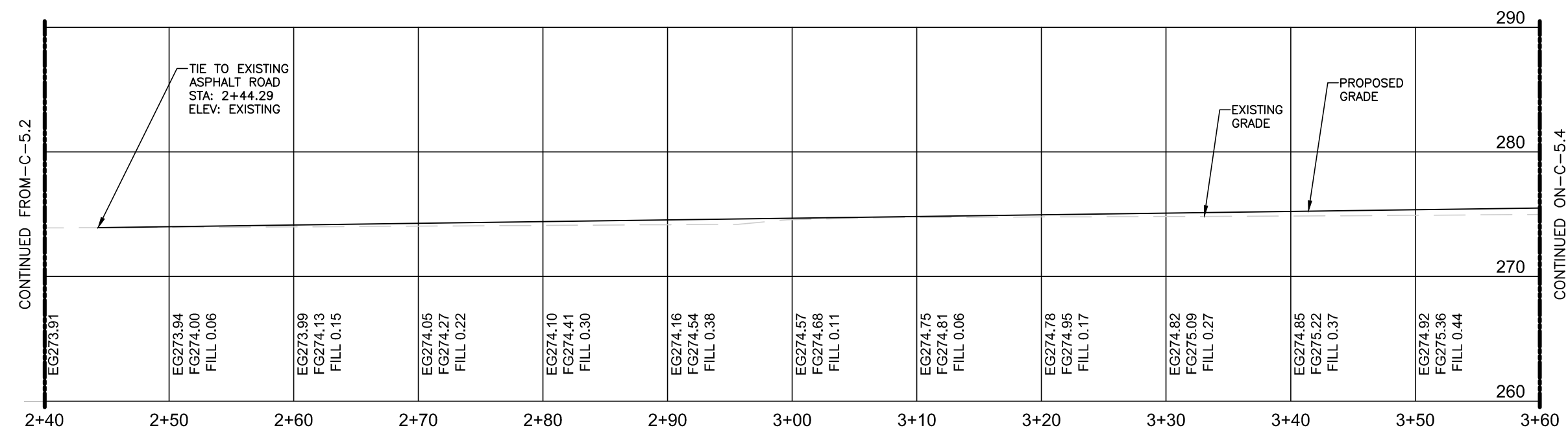
1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'

CA#: AL 2244-E

08/15/2023



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



CONTINUED FROM -C-5.2

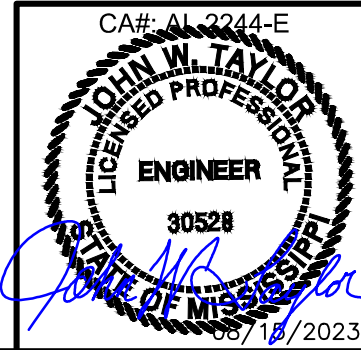
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TIE TO EXISTING ASPHALT ROAD
 STA: 2+44.29
 ELEV: EXISTING

EXISTING GRADE

PROPOSED GRADE

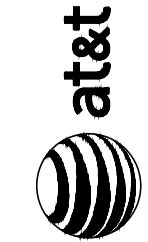
1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'



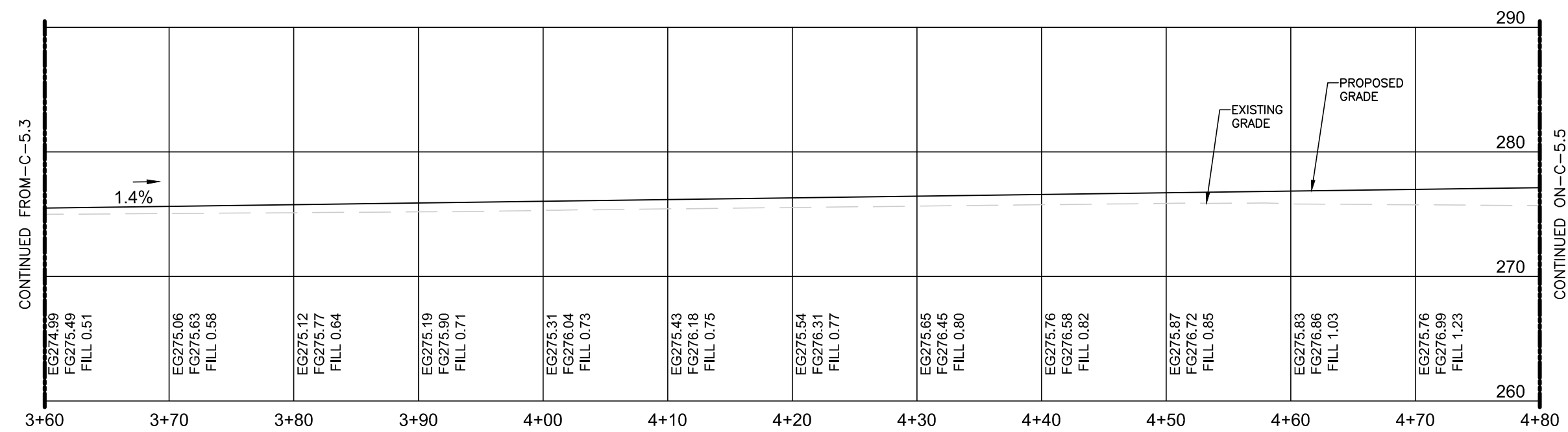
SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

| DATE | DESCRIPTION | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.3 |
| REV.: | 2 |



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



CONTINUED FROM -C-5.3

CONTINUED ON -C-5.5

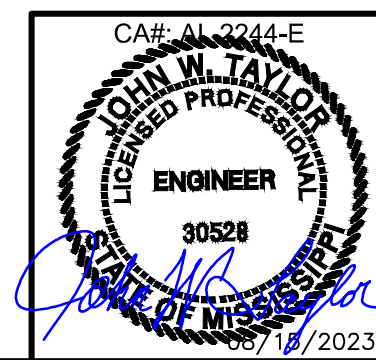
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| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

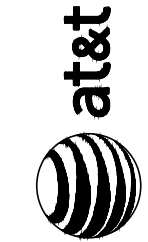
SOUTH GLUCKSTADT
ACCESS ROAD PROFILE
SHEET

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

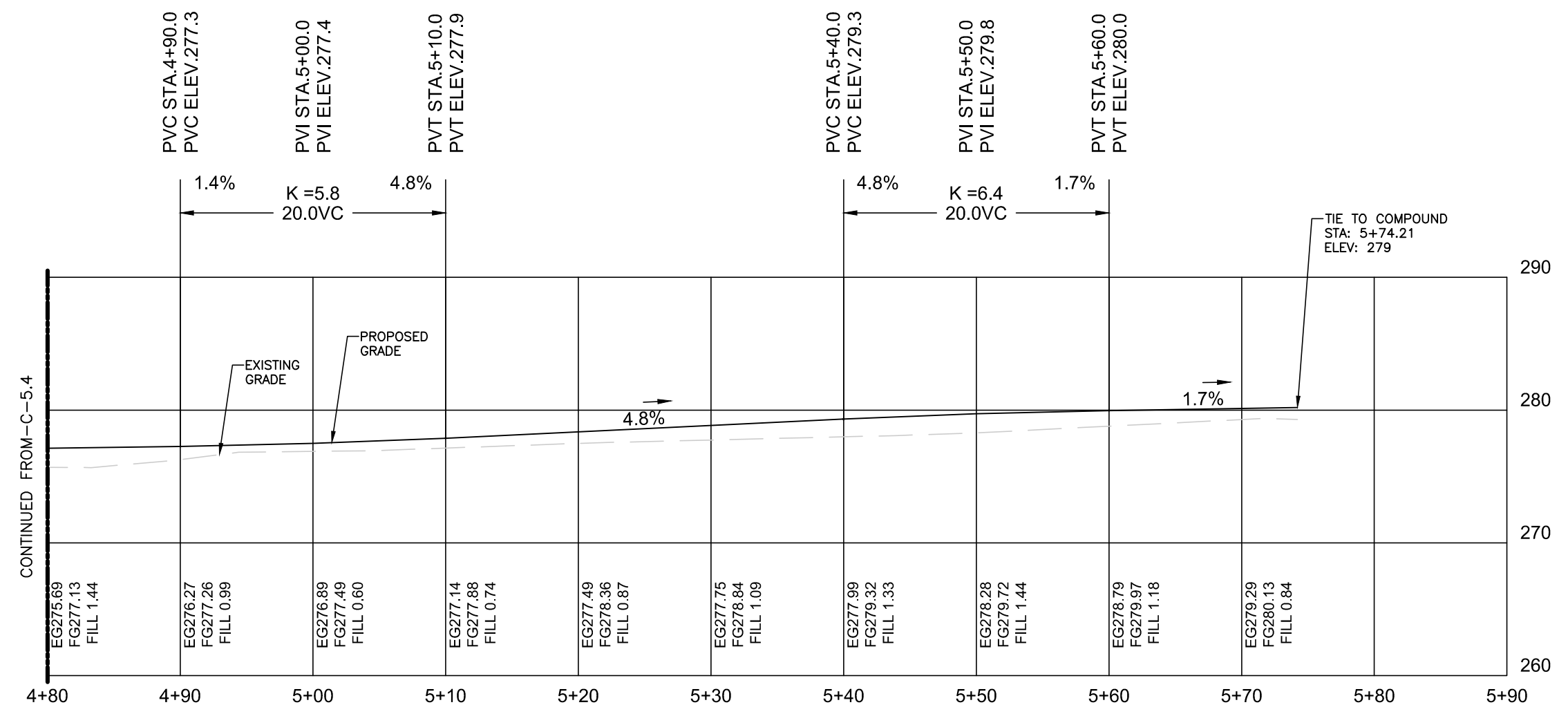
C-5.4 2

1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



CONTINUED FROM -C-5.4

TIE TO COMPOUND
 STA: 5+74.21
 ELEV: 279

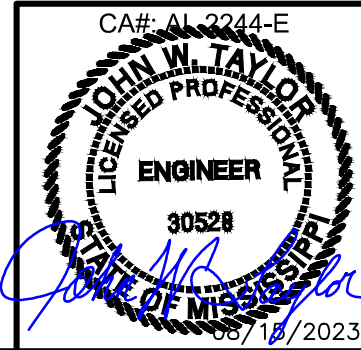
| DATE | DESCRIPTION: | DESIGNER: |
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| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

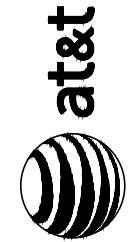
**SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET**

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-5.5 2

1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'





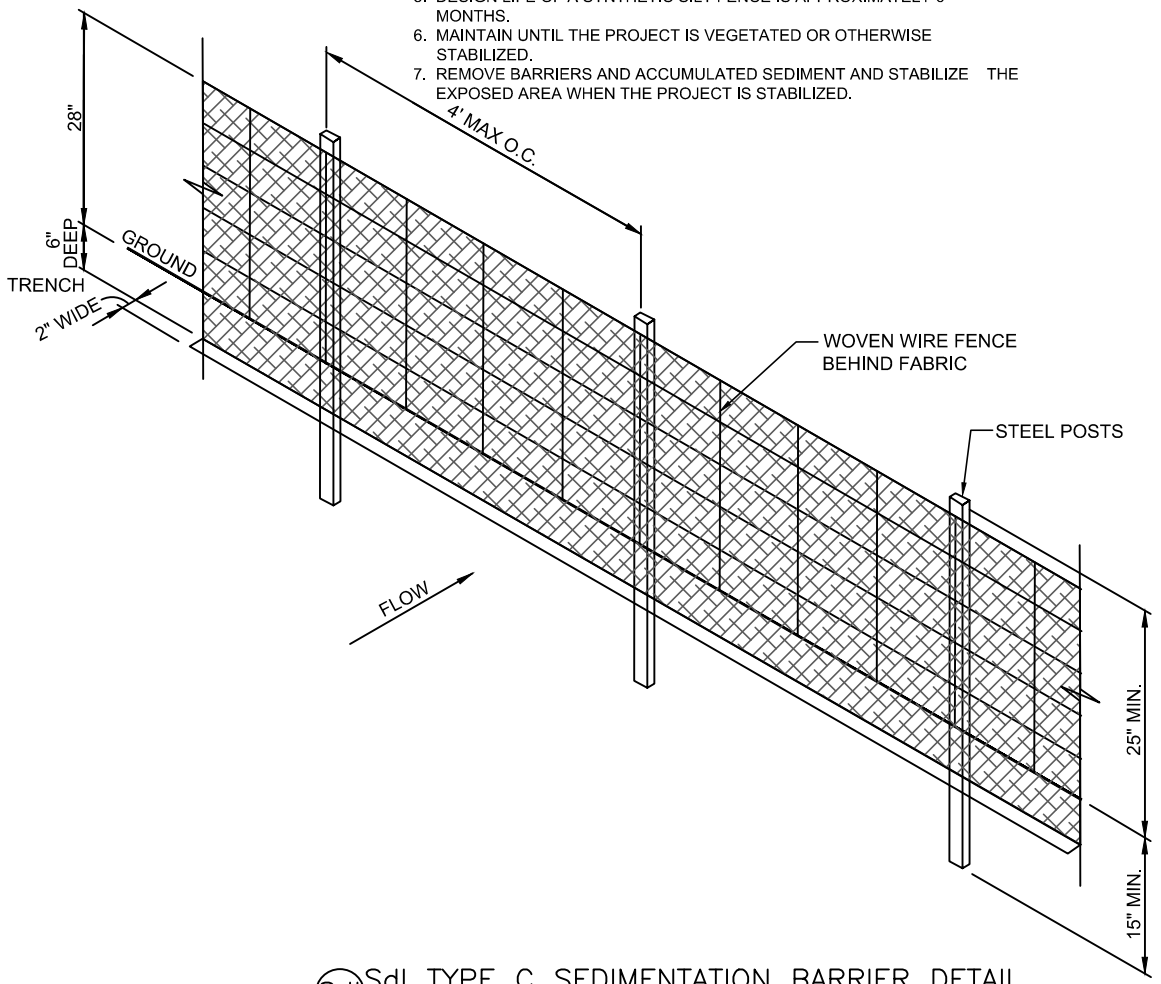
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| ISSUED FOR CLIENT REVIEW | AMD |
| ISSUED FOR ZONING | AMD |
| REVISED PER CONCRETE PAD | |
| DATE | |
| 01/26/23 | |
| 07/24/23 | |
| 08/15/23 | |

**SOUTH GLUCKSTADT
GRADING, SEDIMENT &
EROSION CONTROL
DETAILS**

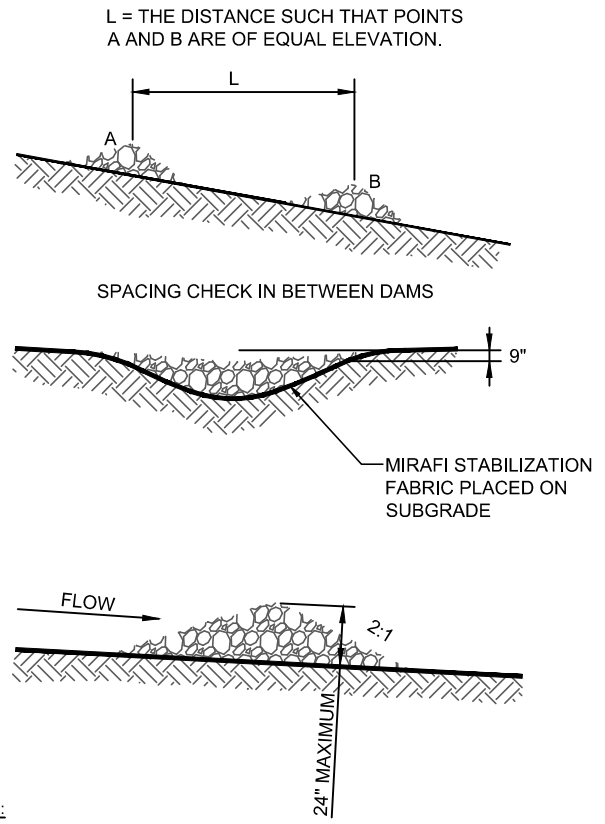
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-6 2

- MAINTENANCE:**
1. INSPECT BARRIERS AT THE END OF EACH WORKING DAY, OR AFTER EACH RAIN, AND REPAIR OR CLEAN AS NECESSARY.
 2. REMOVE SEDIMENT FROM BARRIER WHEN TWO-THIRDS FULL.
 3. DISPOSE OF SEDIMENT SO THAT IT WILL NOT ENTER THE BARRIER AGAIN AND STABILIZE IT WITH VEGETATION.
 4. REPLACE FILTER FABRIC WHEN DETERIORATED.
 5. DESIGN LIFE OF A SYNTHETIC SILT FENCE IS APPROXIMATELY 6 MONTHS.
 6. MAINTAIN UNTIL THE PROJECT IS VEGETATED OR OTHERWISE STABILIZED.
 7. REMOVE BARRIERS AND ACCUMULATED SEDIMENT AND STABILIZE THE EXPOSED AREA WHEN THE PROJECT IS STABILIZED.

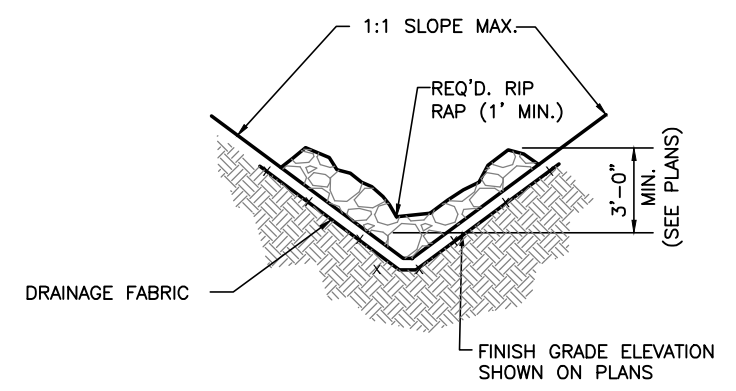


Sd1 TYPE C SEDIMENTATION BARRIER DETAIL
NOT TO SCALE



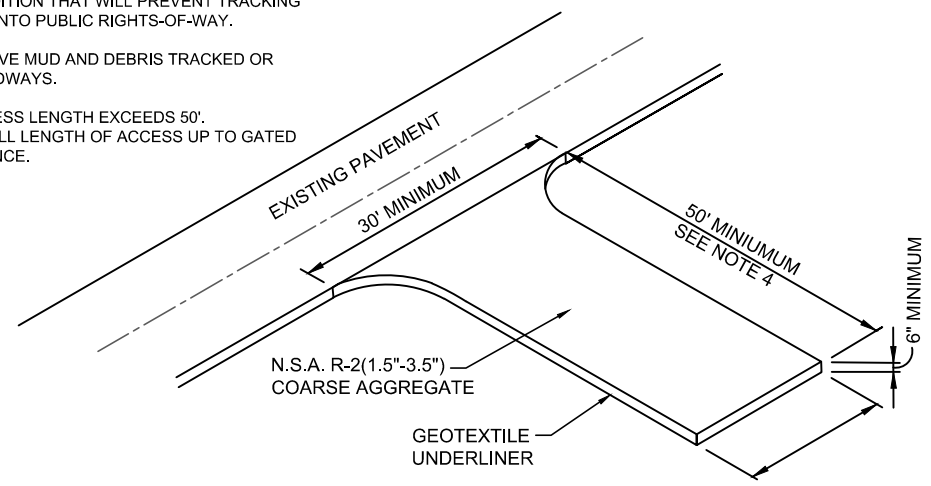
- NOTES:**
1. CHECK DAMS TO BE CONSTRUCTED OF GRADED SIZE 2 - 10 INCH STONE. MECHANICAL OR HAND PLACEMENT SHALL BE REQUIRED TO INSURE COMPLETE COVERAGE OF ENTIRE WIDTH OF DITCH OR SWALE AND THAT CENTER OF DAM IS LOWER THAN EDGES.
 2. SEDIMENT TO BE REMOVED WHEN A LEVEL OF 1/2 THE ORIGINAL DAM HEIGHT OR LESS IS REACHED. REMOVE CHECK DAMS AT COMPLETION OF PROJECT.

Cd CHECK DAM
NOT TO SCALE



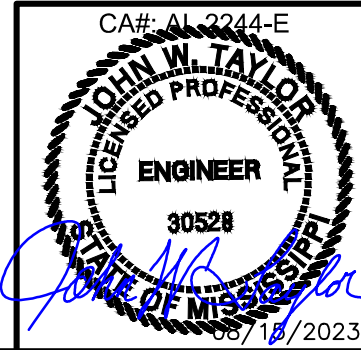
C-6 TYPICAL RIP RAP DITCH SECTION
SCALE: N.T.S.

- MAINTENANCE:**
1. PERIODICALLY DRESS WITH 1.5"-3.5" STONE.
 2. MAINTAIN IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY.
 3. IMMEDIATELY REMOVE MUD AND DEBRIS TRACKED OR SPILLED ONTO ROADWAYS.
 4. 50' MINIMUM IF ACCESS LENGTH EXCEEDS 50'. OTHERWISE USE FULL LENGTH OF ACCESS UP TO GATED COMPOUND ENTRANCE.



Co CONSTRUCTION EXIT DETAIL
NOT TO SCALE

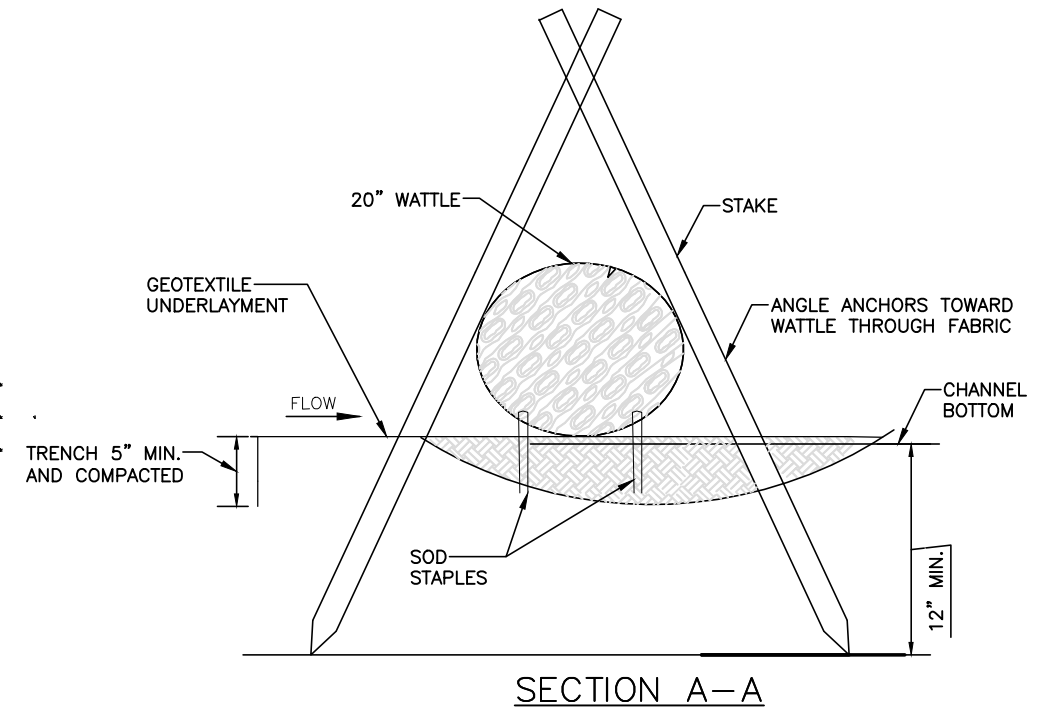
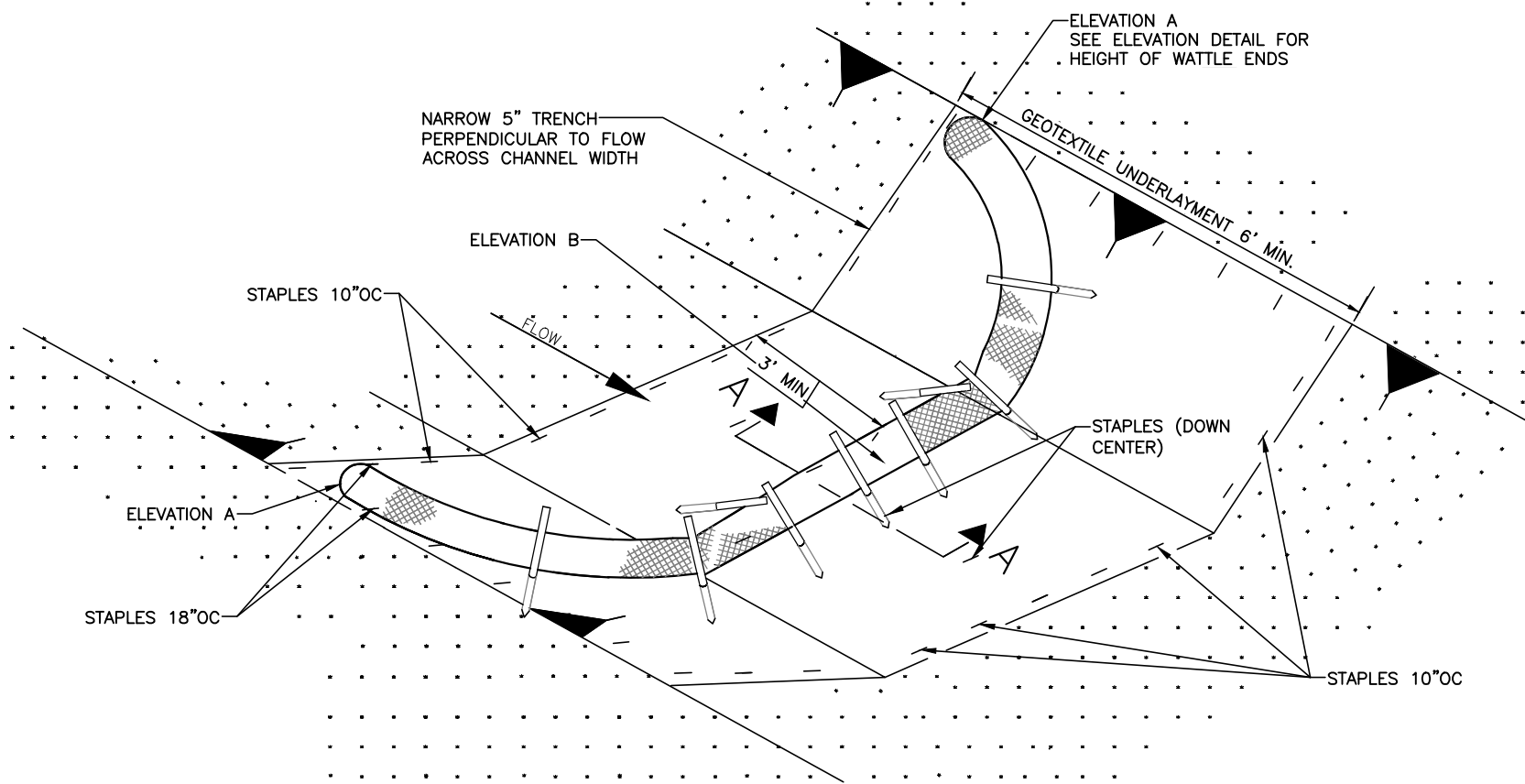
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- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) – TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.
- Du** DISTURBED AREA DUST CONTROL – TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.



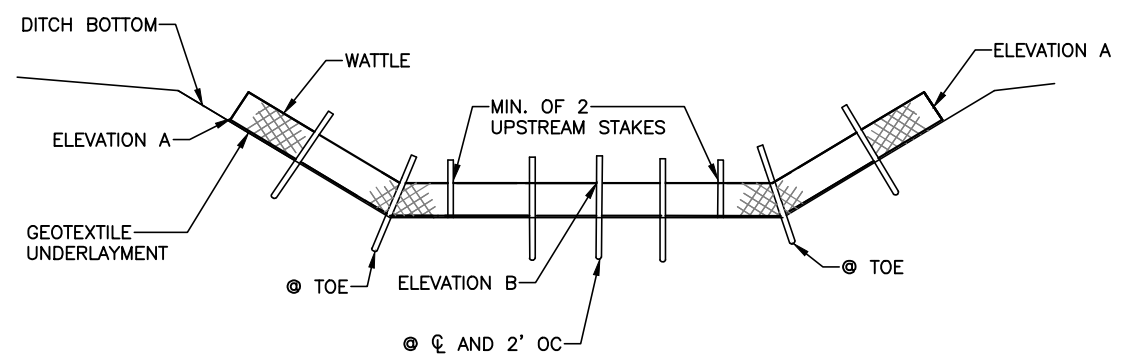
08/15/2023



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



DETAIL (DITCH CHECK)



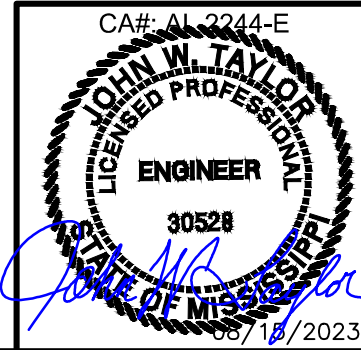
ELEVATION DETAIL

NOTE: END POINTS A MUST BE HIGHER THAN FLOWLINE POINT B

NOTES:

1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 50 FEET UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER.
2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF TWO FEET.
3. SECURE GEOTEXTILE UNDERLAYMENT BY PLACING STAPLES 18 INCHES APART ALONG THE CHANNEL EDGES AND DOWN THE CENTER OF THE CHANNEL. SPACE STAPLES 10 INCHES APART ACROSS THE UPSTREAM AND DOWNSTREAM EDGES.
4. PLACE STAPLES ON BOTH SIDES OF WATTLE AT 10" SPACING.

2 TYPICAL RIP RAP DITCH SECTION
 C-6.1 SCALE: N.T.S.



| DATE | DESCRIPTION: | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
 GRADING, SEDIMENT &
 EROSION CONTROL
 DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-6.1 2



DESIGNER: ZDS

ISSUED FOR CLIENT REVIEW: AMD

ISSUED FOR ZONING: AMD

REVISED PER CONCRETE PAD: AMD

DATE: 01/26/23

DATE: 07/24/23

DATE: 08/15/23

DATE: 08/15/23

DATE: 08/15/23

DATE: 08/15/23

DATE: 08/15/23

DATE: 08/15/23

DATE: 08/15/23

DATE: 08/15/23

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.869" (-90.111852°)

PIEDMONT VEGETATIVE COVERS

| CALENDAR MONTH | TEMPORARY SEED | APPLICATION RATE/ACRE | PERMANENT SEED | APPLICATION RATE/ACRE |
|----------------|--|---|---|------------------------------------|
| 1. JANUARY | RYE GRASS | 20--40 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA | 8-10 LB. 30-40 LB. |
| 2. FEBRUARY | | | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 3. MARCH | RYE ANNUAL LESPEDEZA WEeping LOVE GRASS | 2-3 BU. 20-25 LB. 4-6 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 4. APRIL | RYE BROWN TOP MULLET ANNUAL LESPEDEZA SUDAN ANNUAL | 2-3 BU. 30-40 LB. 20-25 LB. 35 LB. | WEeping LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 5. MAY | WEeping LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | WEeping LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 6. JUNE | WEeping LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | WEeping LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 7. JULY | WEeping LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | | |
| 8. AUGUST | RYE GRASS WEeping LOVE GRASS | 4050 LB. 4-6 LB. | | |
| 9. SEPTEMBER | | | TALL FESCUE | 30-50 LB. |
| 10. OCTOBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |
| 11. NOVEMBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |
| 12. DECEMBER | RYE RYE GRASS WHEAT | 2-3 BU. 40-50 LB. 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |

- USE A MINIMUM OF 40 LBS. SCARIFIES SEED. THE REMAINING MAY BE USE UN SCARIFIED, CLEAN HULLED SEED
- USE EITHER COMMON SERIAL OR INTERSTATE SERICEA LESPEDEZA

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT IN ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING AND CONSTRUCTIONS, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

HYDRAULIC SEEDING EQUIPMENT WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OF SEEDED PREPARATIONS WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER MULCH WILL BE MIXED WITH WATER AND SUPPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS.

A. SEEDING WITH MULCH: (HYDRAULIC SEEDING EQUIPMENT ON SLOPES 3:1 AND STEEPER)

| | |
|--|---------------|
| AGRICULTURAL LIMESTONE #75 | 400 LBS/ ACRE |
| FERTILIZER, 05-10-15 | 500 LBS/ ACRE |
| MULCH (STRAW OR HAY OR WOOD CELLULOSE FIBER MULCH) | 5000LBS/ACRE |
| | 1000LBS/ACRE |

| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|--|-------------------------------|----------------|
| SERICIA LESPEDEZA, SCARIFIED WEeping LOVE GRASS, OR COMMON BERMUDA, HULLED | 60 LBS 4 LBS. 6 LBS. | 3/1-6/15 |
| FESCUE SERICEA LESPEDEZA, UNCERTIFIED | 40 LBS. 60 LBS. | 4/1-10/31 |
| FESCUE SERICEA LESPEDEZA, UNCERTIFIED RYE | 40 LBS. 75 LBS. 50 LBS. | 11/1-12/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS. | 6/15-8/31 |

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS/ACRE

C. SECOND YEAR TREATMENT:

FERTILIZER (0-20-20 OR EQUIVALENT) 500 LBS/ACRE

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED ON ROAD CUT AND FILL SLOPES, SHOULDERS AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTIONS. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM, SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY & BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING & CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIALS ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

CONVENTIONAL SEEDING EQUIP GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER, IN DRY FORM, WILL SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH A CULTIPACKER-SEEDER ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESH PREPARED SEEDBED AND COVERED LIGHTLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD BY EITHER BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT WAS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)

| | |
|----------------------------|---------------|
| AGRICULTURAL LIMESTONE #15 | 4000 LBS/ACRE |
| FERTILIZE, 5-10-15 | 1500 LBS/ACRE |
| MULCH (STRAY OR HAY) | 5000 LBS/ACRE |

| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|-------------------------------|-----------------------|----------------|
| HULLED COMMON BERMUDA GRASS | 10 LBS | 3/1-6/15 |
| FESCUE | 50 LBS | 9/1-10/31 |
| FESCUE RYEGRASS | 50 LBS 50 LBS | 11/1-2/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS | 6/15-8/31 |

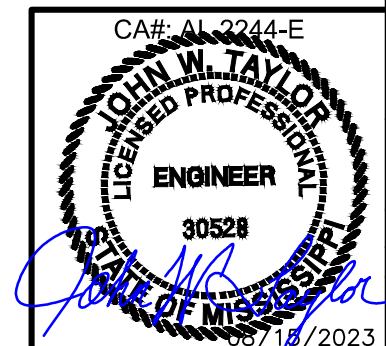
B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS/ACRE

C. SECOND YEAR TREATMENT:

FERTILIZER (0-20-20 OR EQUIVALENT) 800 LBS/ACRE

SOUTH GLUCKSTADT
EROSION CONTROL
GRADING, SEDIMENT &
VEGETATION SPECS



DESIGNER: ZDS
CHECKED BY: JWT
ENGINEER: JWT
SMW #: 22-1425
SHEET NO.: C-7
REV.: 2

OWNER CONTACT SIGN

SITE NAME: _____
 SITE NUMBER: _____
 FCC REGISTRATION NUMBER: _____

FOR LEASING INFORMATION: _____ IN CASE OF EMERGENCY: _____

NO TRESPASSING

POSTING OF THIS SIGN REQUIRED BY LAW

OWNER CONTACT SIGN
 WHITE BACKGROUND, BLACK/RED LETTERING
 MOUNTING LOCATION: GATE
 QUANTITY: 1

WHITE TEXT GREEN BACKGROUND

INFORMATION

Federal Communications Commission
 Tower Registration Number

1 2 3 4 5 6 7

WHITE BACKGROUND BLACK TEXT

8" 12"

Posted in accordance with Federal Communications Commission rules on antenna tower registration 47 CFR 17.4 (g).

FCC REGISTRATION SIGN
 WHITE/GREEN BACKGROUND, WHITE/BLACK LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 2

WHITE TEXT BLACK BACKGROUND RED BACKGROUND WHITE BACKGROUND

DANGER

10" 14"

NO TRESPASSING

DANGER NO TRESPASSING SIGN
 WHITE/BLACK BACKGROUND, BLACK/WHITE LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 1

NOTICE



Radio frequency fields beyond this point may exceed the FCC general public exposure limit.

Obey all posted signs and site guidelines for working in radio frequency environments.

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(i)

WHITE TEXT BLUE BACKGROUND

NOTICE

10" 14"

AUTHORIZED PERSONNEL ONLY

WHITE BACKGROUND BLACK TEXT

AUTHORIZED PERSONNEL SIGN
 WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 1

CAUTION



On this tower:
 Radio frequency fields near some antennas may exceed FCC rules for human exposure.

Personnel climbing this tower should be trained for working in radio frequency environments and use a personal RF monitor.

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(i) ©2008 American Tower Association, Inc.

NOTICE

GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS

- All personnel should have electromagnetic energy (EME) awareness training.
- All personnel entering this site must be authorized.
- Obey all posted signs.
- Assume all antennas are active.
- Before working on antennas, notify owners and disable appropriate transmitters.
- Maintain minimum 3 feet clearance from all antennas.
- Do not stop in front of antennas.
- Use personal RF monitors while working near antennas.
- Never operate transmitters without shields during normal operation.
- Do not operate base station antennas in equipment room.



| DESIGNER | DATE | DESCRIPTION |
|----------|----------|--------------------------|
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| AMD | 07/24/23 | ISSUED FOR ZONING |
| AMD | 08/15/23 | REVISED PER CONCRETE PAD |

SOUTH GLUCKSTADT

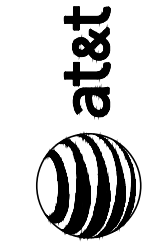
SITE SIGNAGE

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-8 | ? |



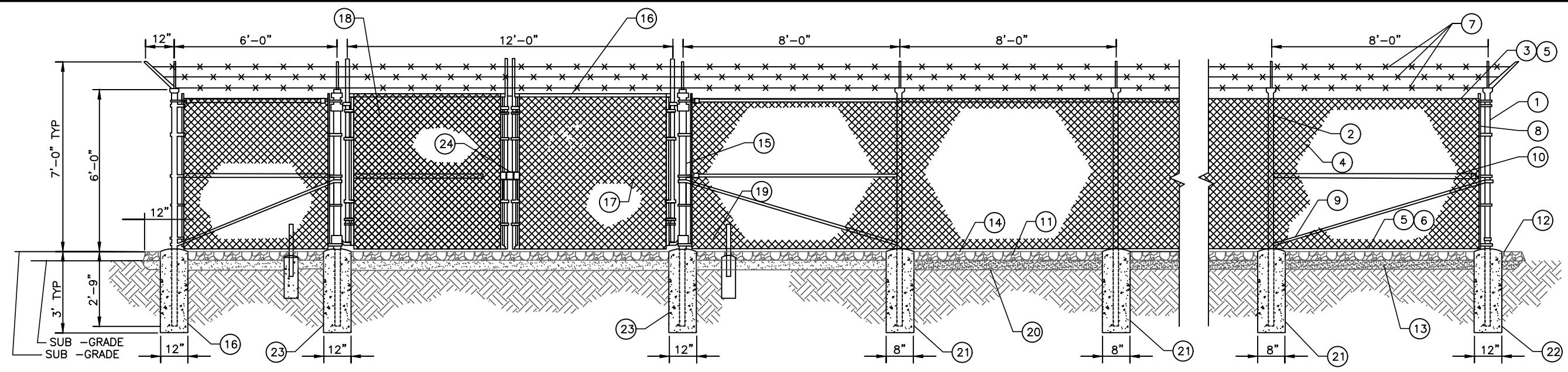
FORESITE SERVICES, LLC

SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)





FORESITE SERVICES, LLC
 FORESITE SERVICES, LLC
 SITE COORDINATES: N 32° 30' 48.075" (32.513954°)
 LATITUDE: W 90° 06' 42.669" (-90.111852°)
 LONGITUDE:

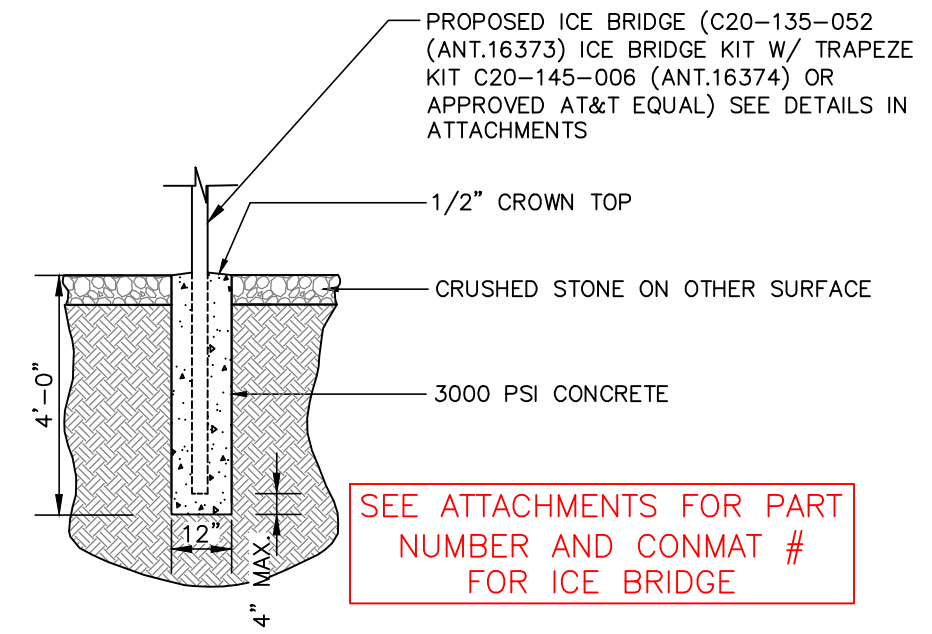


GENERAL NOTES:

1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM-900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE 1 1/2" GALV. (HOT DIP, ASTM A120 GRADE "A" STEEL) ALL GATE FRAMES SHALL BE WELDED, ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV, (OR EQUAL)
5. ALL OPEN POSTS SHALL HAVE END-CAPS
6. USE GALVANIZED HOG-RING WORE TO MOUNT ALL SIGNS
7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC
8. USE COMMERCIAL GRADE MATERIALS ONLY

REFERENCE NOTES:

- | | |
|--|---|
| ① CORNER END OR PULL POST 3" NOMINAL SCHEDULE 40 PIPE. | ⑫ 2" FINISH OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK |
| ② LINE POST: 2 1/2" SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 8'-0" O.C. | ⑬ 4" COMPACTED 95% BASE MATERIAL OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK. |
| ③ TOP RAIL & BRACE RAIL: 1 1/2" PIPE, PER ASTM-F1083 | ⑭ FINISH GRADE SHALL BE UNIFORM AND LEVEL |
| ④ FABRIC 9GA CORE WIRE SIZE 2' MESH, CONFORMING TO ASTM-A392 | ⑮ GATE POST 4" SCHEDULE 40 PIPE. FOR GATE WIDTHS UP THRU 7 FEET OR 4 FEET FOR DOUBLE SWING GATE, PER ASTM-F1083 |
| ⑤ TIE WIRE: MINIMUM II GA GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE END AT TENSIONS WIRE BU HOG RINGS SPACED AX. AT 24" O.C. | ⑯ GATE FRAME: 1 1/2" PIPE, PER ASTM-F1083 |
| ⑥ TENSION WIRE: 9GA GALVANIZE STEEL | ⑰ GATE FRAME: 1 5/8" PIPE, PER ASTM-F1083 |
| ⑦ BARBED WIRE: DOUBLE STRAND 12 1/2" OD TWISTED WIRE TO MATCH WITH FABRIC 14GA, 4PT. BARBS SPACE ON APPROX.5" CENTERS | ⑱ GATE DIAGONAL GALVANIZED STEEL 1 1/2" PIPE |
| ⑧ STRETCHER BAR | ⑲ DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION |
| ⑨ 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD | ⑳ GEOMETRIES FABRIC |
| ⑩ FENCE CORNER POST BRACE: 1 5/8" DIAZ. EACH CORNER EACH WAY | ㉑ LINE POST: CONCRETE FOUNDATION (2000 PSI) |
| ⑪ 1 1/2" MAXIMUM CLEARANCE FROM GRADE | ㉒ CORNER POST: CONCRETE FOUNDATION (2000 PSI) |
| | ㉓ GATE POST" CONCRETE FOUNDATION (2000 PSI) |
| | ㉔ STYMIE LOCK OR EQUIVALENT |

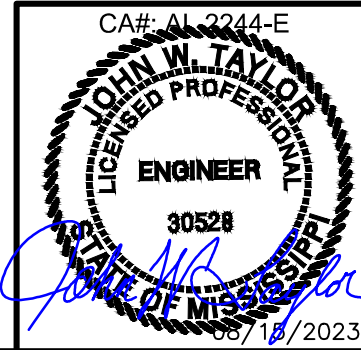


ICE BRIDGE FOUNDATION DETAIL
 NOT TO SCALE

| DESIGNER | DATE | DESCRIPTION |
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| ZDS | 01/26/23 | ISSUED FOR CLIENT REVIEW |
| AMD | 07/24/23 | ISSUED FOR ZONING |
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SOUTH GLUCKSTADT
FENCE & ICE BRIDGE
DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



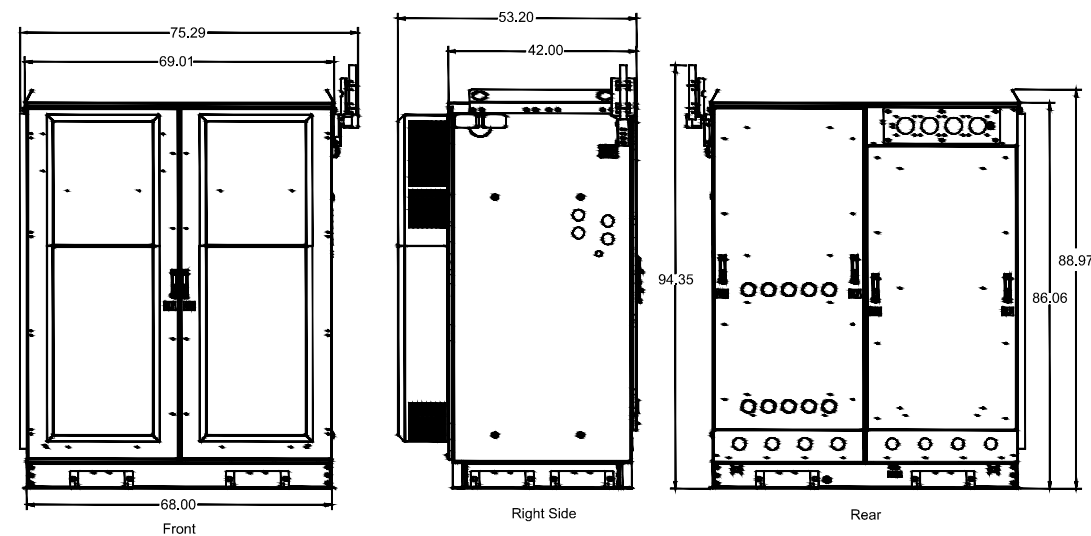
C-9 2



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



FIGURE 2.2 ENCLOSURE DIMENSIONS (F2020029) (2-BAY)



Notes:
 1. All dimensions are in inches.

FIGURE 2.3 ENCLOSURE DIMENSIONS (F2020030) (3-BAY)

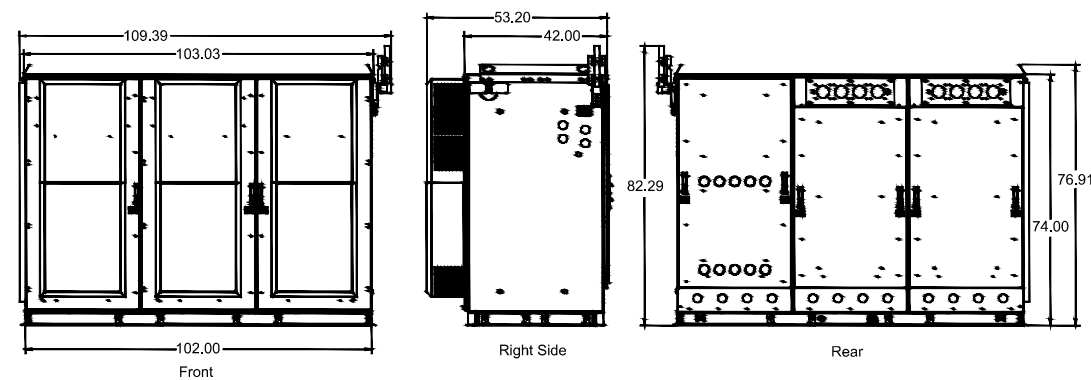
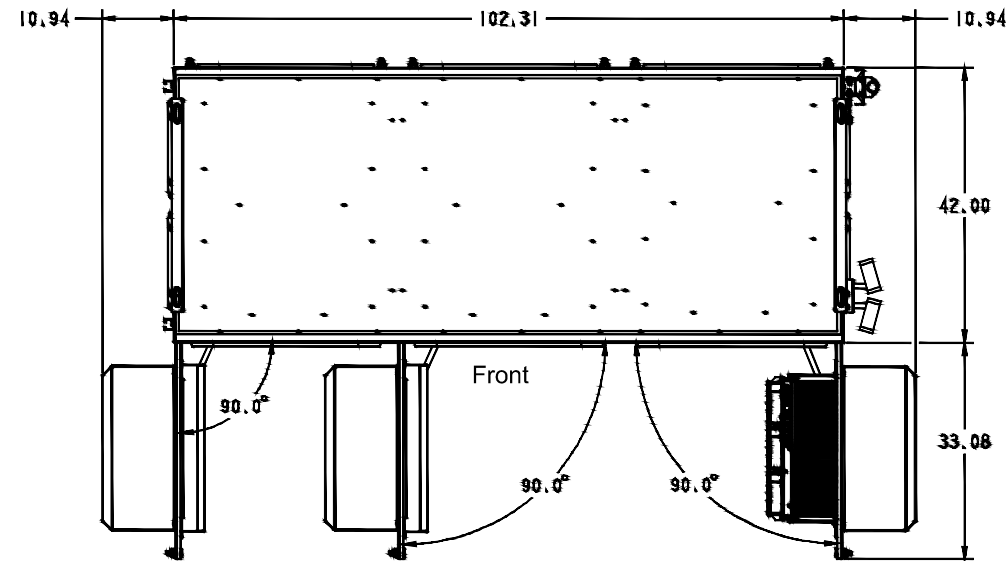
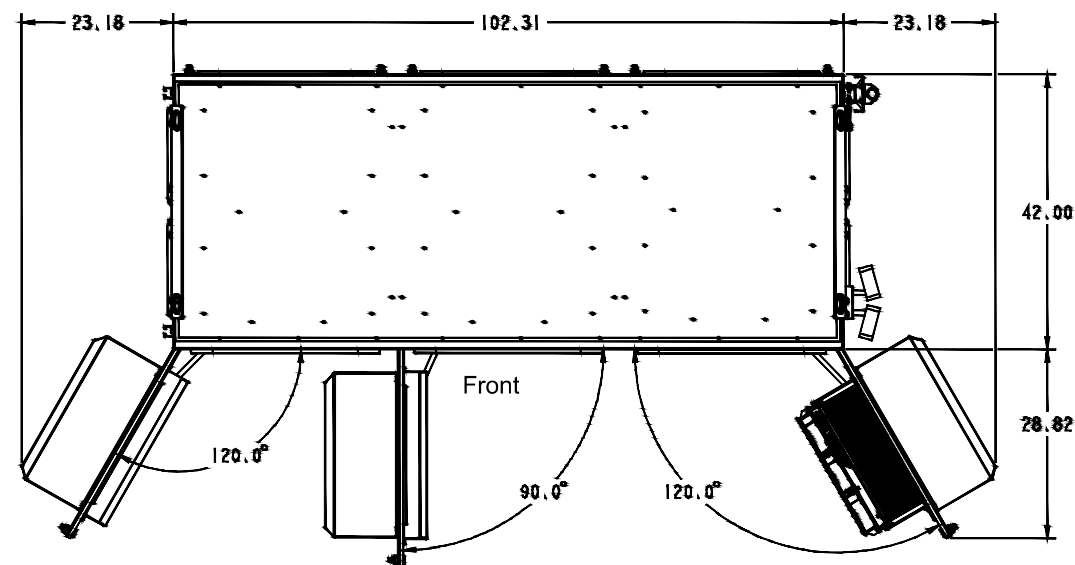


FIGURE 2.5 OVERHEAD VIEW WITH DOOR OPEN (F2020030) (3-BAY)



Notes:
 1. All dimensions are in inches.



DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

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| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
WALK-UP CABINET (WUC) DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-10 | 2 |



Vertiv™ NetSure™ X701 Walk Up Cabinet (WUC)

Description

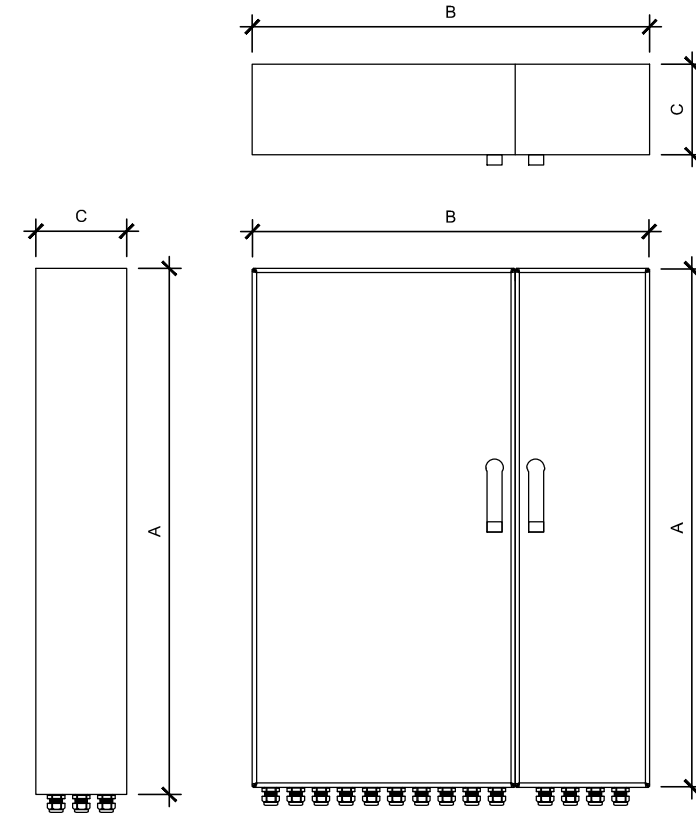
The Vertiv™ NetSure™ X701 provides room for power, batteries, and other sensitive equipment in a single convenient outdoor enclosure. Its aluminum construction provides protection from both vandalism and harsh environmental conditions while still standing up to high winds and seismic events. With up to 15kW of heat dissipation available, the NetSure™ X701 outdoor enclosure is designed to handle ever-increasing heat load requirements at your base station and network edge sites.

- UL 2416 Certified
- Factory-integrated Vertiv™ NetSure™ 512 DC power system supports -48V and -58V DC load requirements
- Battery trays for (3) strings of VRLA batteries up to 210Ah each
- Up to 74RU of available equipment space
- Convenient cable entry and management throughout the enclosure



Technical Specifications

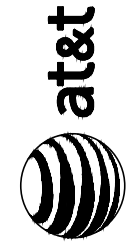
| Enclosure | | |
|-------------------------------------|--|----------------------------|
| Two-Bay | Dimensions (H x W x D) | 86" x 68" x 54" |
| | Weight | 1300 lbs. |
| | Equipment Space | 43 RU available |
| | Color | Cool White |
| | Cabinet Access | Front door and rear panels |
| Three-Bay | Dimensions (H x W x D) | 74" x 102" x 54" |
| | Weight | 1650 lbs. |
| | Equipment Space | 76 RU available |
| | Color | Cool White |
| | Cabinet Access | Front door and rear panels |
| Security | | |
| All handles can accommodate padlock | | |
| Mounting | | |
| Mounting Options | Pad; Platform | |
| Racks | Adjustable 19" to 23" racks in each equipment chamber | |
| Electrical | | |
| Input/Output Voltage | 208/240VAC single-phase input; -48VDC primary/-58VDC secondary output | |
| Maximum Input Current | N/A (Generally used w/ customer-provided service entrance transfer switch, generally 200A) | |
| Environmental | | |
| Operating Temperature | -40°C to 46°C | |
| Relative Humidity | 0% to 95% non-condensing | |
| Thermal Solutions | | |
| Heat Exchanger | 6000 watts in each equipment chamber, 2800 watts in power chamber | |
| Equipment Chamber | | |
| DC Power | Factory-integrated NetSure 512 system | |
| AC Outlet | GFI | |
| Grounding | Ground bar in each chamber | |
| Standards Compliance | | |
| Safety | UL 2416 | |
| Environment | Designed for Telcordia GR-487 | |



| RAYCAP SPECIFICATIONS | | | | |
|-----------------------|--------|-------|------|--------------|
| RAYCAP MODEL | A | B | C | WEIGHT (LBS) |
| DC50-48-60-96-50F | 52.24" | 40.0" | 9.0" | 165.0 |

DETAILS BY OTHERS NOTE: DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

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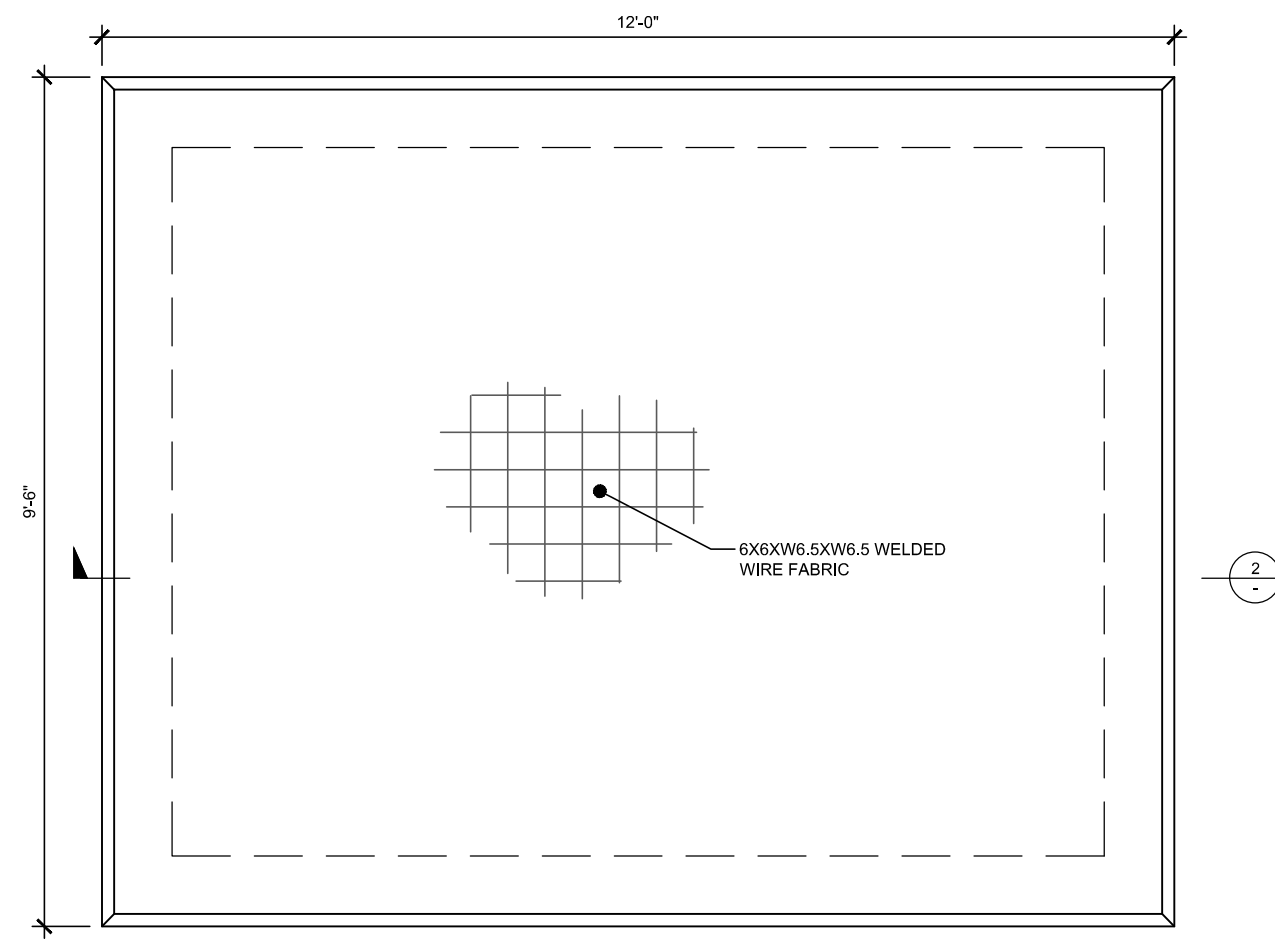
SOUTH GLUCKSTADT
WALK-UP CABINET
(WUC) DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
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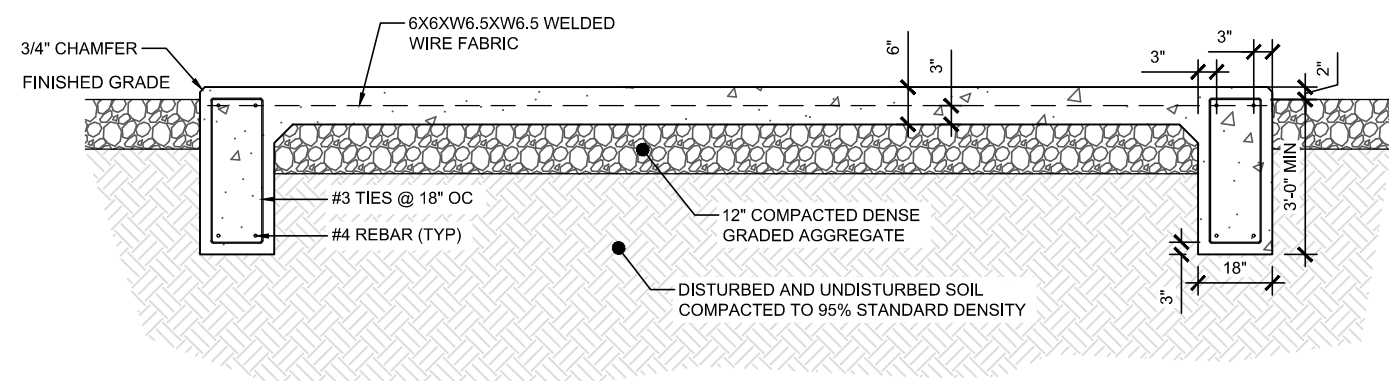
C-10.1 2



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



1 EQUIPMENT FOUNDATION PLAN
 SCALE: NOT TO SCALE



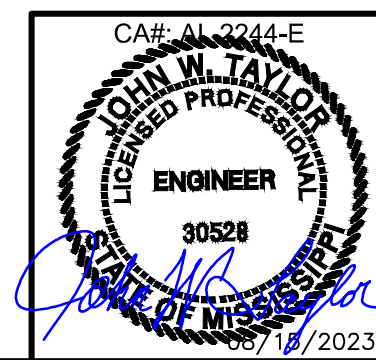
2 FOUNDATION SECTION
 SCALE: NOT TO SCALE

NOTES:

1. SLAB TO BE LEVEL ±1/4".
2. FOOTING TO EXTEND A MINIMUM OF 24" BELOW UNDISTURBED SOIL OR 6" BELOW FROST LINE.
3. FINAL SITE DESIGN IS THE RESPONSIBILITY OF THE SITE CONTRACTOR.
4. CONTRACTOR SHALL VERIFY DESIGN WITH ACTUAL SITE CONDITIONS. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.
5. ENGINEER OF ANY DISCREPANCIES.
6. SLAB FOUNDATION DESIGNED ASSUMING ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
7. SLAB FOUNDATION DESIGNED ASSUMING MAXIMUM SOIL PLASTICITY INDEX OF 27.
8. CONCRETE STRENGTH SHALL BE A MINIMUM OF 3000 PSI.
9. CONTRACTOR SHALL VERIFY DIMENSIONS AND BOLT LAYOUT WITH SELECTED SHELTER.

| DATE | DESCRIPTION: | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
FOUNDATION DETAIL

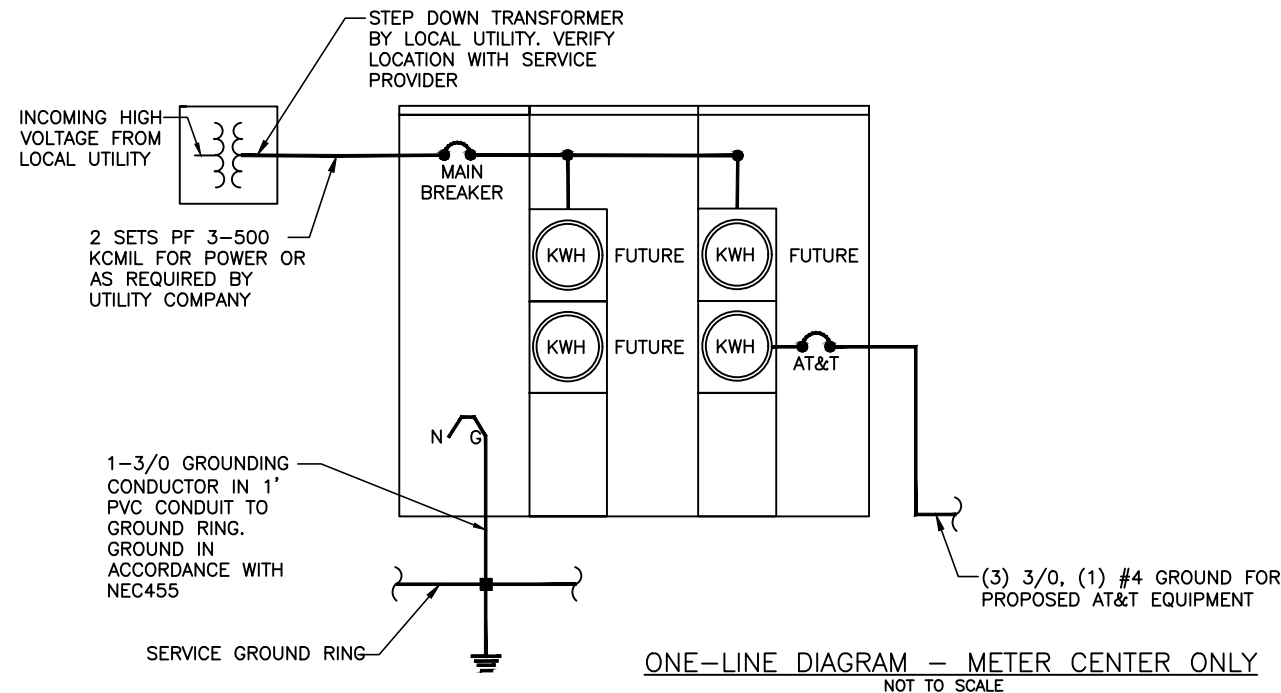


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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-11 |
| REV.: | 2 |

ELECTRICAL INSTALLATION NOTES

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
- CONDUIT ROUTINGS ARE SCHEMATIC. SUBCONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
- WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TELCORDIA
- ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC AND TELCORDIA.
- CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
- EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR CAPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).
- PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
- POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
- ALL POWER AND POWER GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).

- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
- RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
- CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS
- METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
- THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.
- THE SUBCONTRACTOR SHALL LABEL THE METER BASE PER LOCAL UTILITY REQUIREMENTS.



Section 10, Item B)



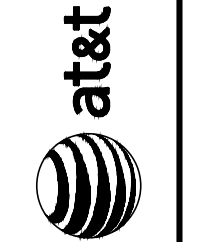
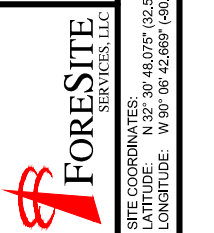
| DATE | DESCRIPTION: | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
ELECTRICAL SPECS & ONE-LINE DIAGRAM



| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-1 2



| DESIGNER: | ZDS |
|--------------|--------------------------|
| DATE | 01/26/23 |
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| | 07/24/23 |
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| | 08/15/23 |
| | REVISED PER CONCRETE PAD |

SOUTH GLUCKSTADT
ELECTRICAL ONE-LINE

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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-1.1 2



432189
PANEL, COMBINED, 200A
30S, ATS, TVSS

CONTRACTOR TO REMOVE BREAKERS & RELOCATE TO NEW PANEL BOARD. EXTEND WIRING AS NEEDED

| | |
|------------------------------|--------|
| GENERATOR CONNECTED LOAD | 19.8KW |
| NON-GENERATOR CONNECTED LOAD | 15KW |

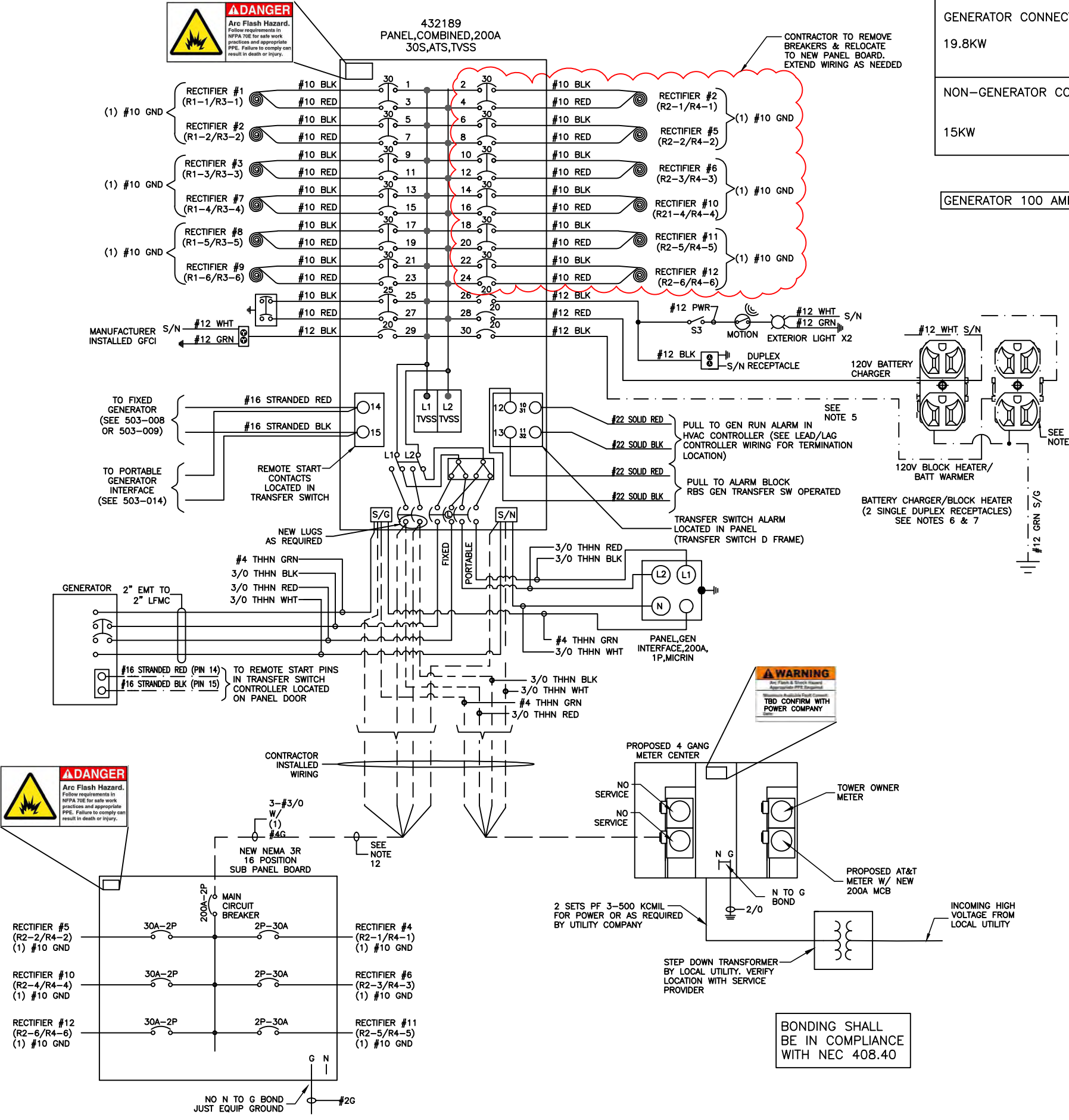
KEY NOTES:

- INSTALL ARC FLASH HAZARD LABEL ON ANY EQUIPMENT WITH AC POTENTIAL NEC 110.16 AND 110.24.
- INSTALL MAXIMUM AVAILABLE FAULT CURRENT (MAFC) LABEL WITH VOLTAGE, PHASE, AND DATE ON SERVICE DISCONNECT, SECONDARY DISCONNECT, AND OR DISTRIBUTION PANEL UNTIL MAFC IS BELOW OCPD KAIC RATING NEC 110.16 AND 110.24.
- FIELD VERIFY EXISTING CONDITIONS AND DOCUMENT ELECTRICAL INFORMATION FOR AS-BUILT PURPOSES AND ANY CHANGES MADE PER THIS SCOPE OF WORK.

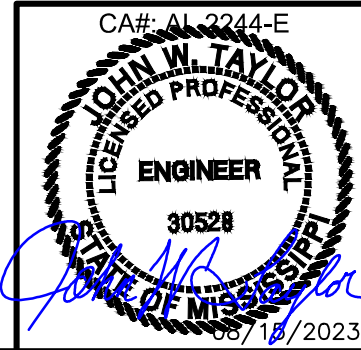
GENERAL NOTES:

- CONTRACTOR SHALL CONFIRM THAT THE CURRENT ELECTRICAL SYSTEM IS AS SHOWN IN THIS SET OF ELECTRICAL DRAWINGS. CONTRACTOR SHALL EITHER NOTIFY THE ENGINEER OF THE DISCREPANCY OR MAKE THE NECESSARY CORRECTIONS AS REQUIRED.
- ALL CONDUCTORS SHALL BE COPPER, 75 DEGREES C RATED, AND CONDUCTOR INSULATION SHALL BE THWN OR THHN
- ALL TERMINATIONS SHALL BE LISTED AND IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS OPERATING AT 75°C
- GROUND FAULT PROTECTION REQUIRED FOR UTILITY RECEPTACLES.
- SERVICE NEUTRAL SHALL BE GROUNDED AT ONE LOCATION ONLY.
- WHITE/NEUTRAL, GREEN/GROUND SHALL BE MAINTAINED THROUGHOUT THE SITE ELECTRICAL SYSTEM.
- EQUIPMENT LOCATED OUTSIDE OR EXPOSED TO MOISTURE SHALL BE IN NEMA 3R RATED.
- CONTRACTOR SHALL USE SCHEDULE 80 PVC CONDUIT THROUGHOUT, UNLESS OTHERWISE NOTED.
- ALL NEWLY INSTALLED EQUIPMENT SHALL BE RATED AT 10K AIC MINIMUM. HIGHER RATINGS SHALL BE REQUIRED WHERE AVAILABLE FAULT CURRENT EXCEEDS THIS VALUE. EXACT FAULT CURRENT AVAILABLE SHALL BE COORDINATED WITH LOCAL UTILITY BASED ON EXACT CONDITIONS (XFMR SIZE, PERCENT IMPEDANCE, LENGTH OF CONDUCTORS, ETC, OR AS SHOWN IN THESE DRAWINGS).
- CONTRACTOR TO VERIFY THAT EXISTING POWER FEED IS AT LEAST 200A, 120/240 VAC.
- ELECTRICAL CONTRACTOR TO VERIFY ADDITIONAL/PROPOSED LOADING DOES NOT EXCEED SYSTEM CAPACITY. PLEASE NOTIFY SMW WITH ANY DISCREPANCIES.
- ANY FEEDER TAPS SHALL BE INSTALLED AS REQUIRED TO MEET THE REQUIREMENTS OF NEC SECTION 240.21. NOTE THE SUB PANEL SHALL BE CONNECTED AS SHOWN ON THIS DRAWING TO INCLUDE A MEANS OF DISCONNECT AND OVERCURRENT PROTECTION BY ADDING A TWO POLE MAIN CIRCUIT BREAKER IN A WALL MOUNTED PANEL BOARD WITH ADDITIONAL WIRING AND CONDUIT AS REQUIRED.

GENERATOR 100 AMP BREAKER



BONDING SHALL BE IN COMPLIANCE WITH NEC 408.40





DESIGNER: ZDS

ISSUED FOR CLIENT REVIEW: 01/26/23

ISSUED FOR ZONING: 07/24/23

REVISED PER CONCRETE PAD: 08/15/23

DATE: 01/26/23

DATE: 07/24/23

DATE: 08/15/23

DATE: 01/26/23

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DATE: 08/15/23

DATE: 01/26/23

DATE: 07/24/23

DATE: 08/15/23

DATE: 01/26/23

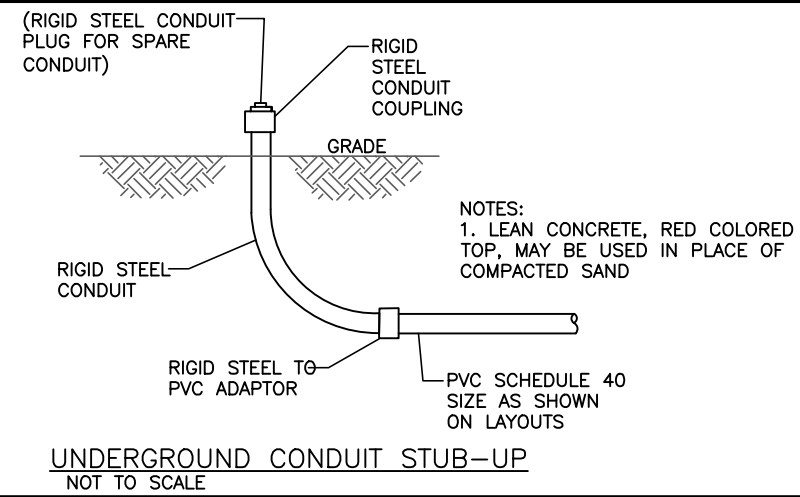
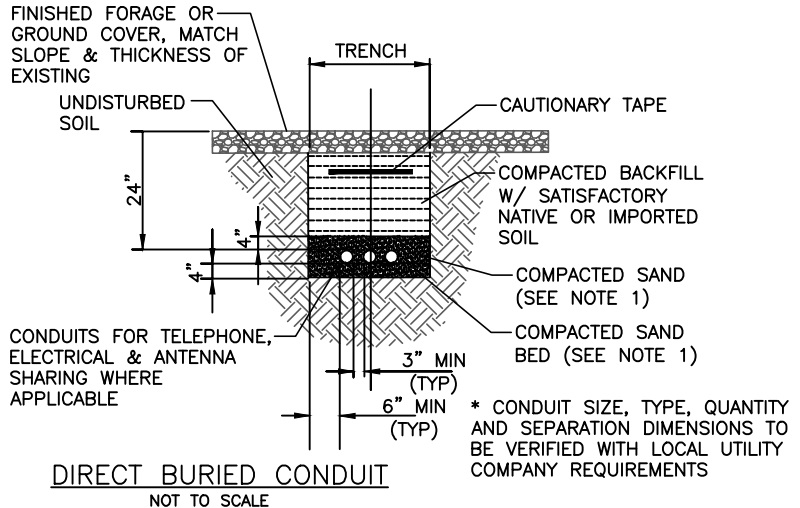
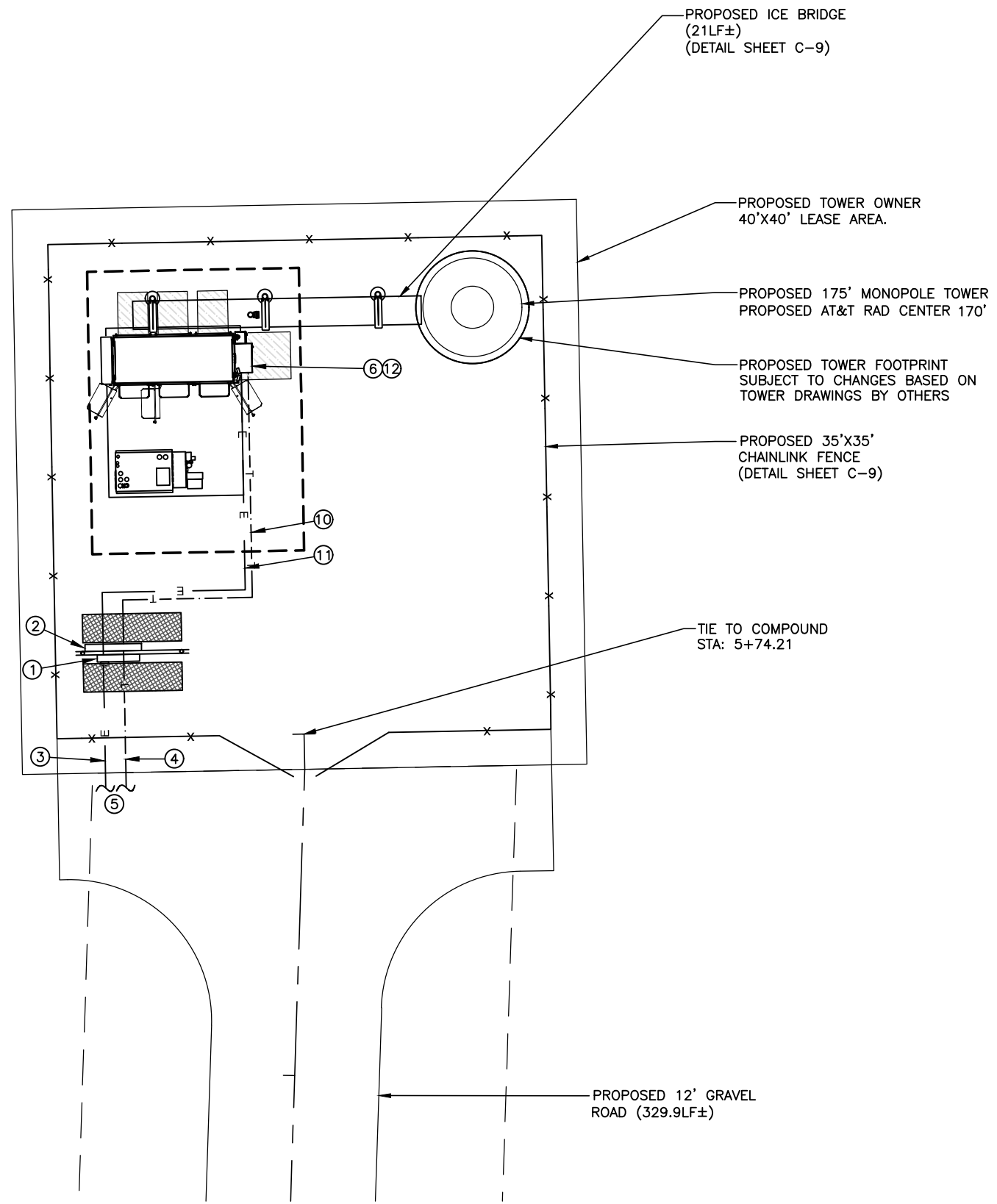
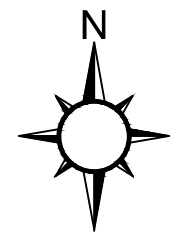
DATE: 07/24/23

DATE: 08/15/23

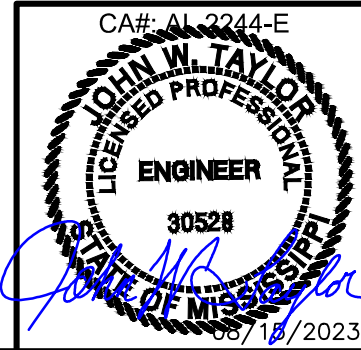
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)

ELECTRICAL KEY NOTES

- ① PROPOSED 4 GANG METER PANEL. SEE SHEET E-5 FOR MOUNTING DETAILS. SEE SHEET E-1 FOR ELECTRICAL ONE-LINE DIAGRAM ELECTRICAL KEY NOTES
- ② PROPOSED 48"x48"x12" TELCO CABINET. SEE E-5 FOR MOUNTING DETAILS
- ③ PROPOSED (2) 3" PVC CONDUIT FOR POWER SERVICE
- ④ PROPOSED (1) 4" PVC CONDUIT W/ INNERDUCTS FOR TELCO SERVICE
- ⑤ PROPOSED SERVICE TO BE COORDINATED WITH UTILITY PROVIDER FOR FINAL CONNECTION TO EXISTING UTILITIES
- ⑥ PROPOSED ELECTRICAL LOAD CENTER
- ⑦ PROPOSED CONDUIT FOR TOWER LIGHTING, COORDINATE SIZE WITH MANUFACTURER
- ⑧ PROPOSED 100A RATED NEMA SR. LOAD CENTER FOR TOWER LIGHTING CONTROLS (TYP)
- ⑨ PROPOSED TOWER LIGHTING FLASH CONTROLLER AND PHOTOCELL (TYP)
- ⑩ PROPOSED TRENCH FOR NEW U/G TELCO SERVICES (40'±) (1) 4"Ø PVC W/ (3) 1-1/4" INNERDUCTS AND MULE TAPE FROM NEW COMMUNITY UTILITIES RACK TO NEW AT&T EQUIPMENT CABINET.
- ⑪ PROPOSED TRENCH FOR NEW U/G ELECTRICAL SERVICE (40'±) (1) 2"Ø PVC FROM NEW COMMUNITY UTILITIES RACK TO NEW AT&T EQUIPMENT CABINET.
- ⑫ PROPOSED TELCO ACCESS



1 UTILITY SITE PLAN
 E-2 SCALE: 1" = 10'



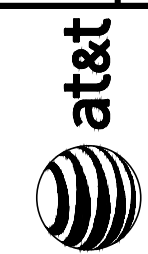
SOUTH GLUCKSTADT

UTILITY SITE PLAN

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| DESIGNER: | ZDS |
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| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | E-2 |
| REV.: | 2 |



SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.869" (-90.111852°)



TELCO REDLINES TO BE PROVIDED AT LATER DATE

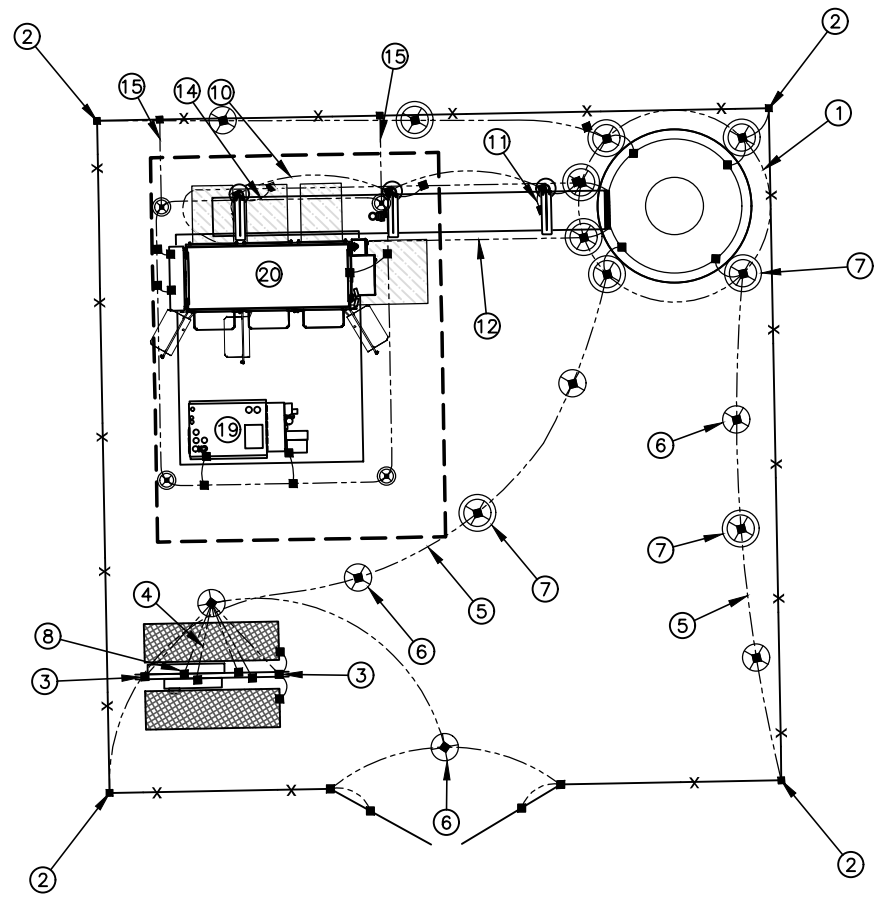
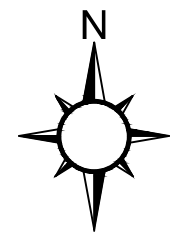
| DATE | DESCRIPTION: | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
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SOUTH GLUCKSTADT
OVERALL UTILITY SITE PLAN

| | |
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| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



- ① #2 AWG BARE TINNED SOLID COPPER GROUND RING BURIED 30" BELOW GRADE (TYP)
- ② BOND FENCE & GATE POSTS TO GROUND RING WITH CADWELD CONNECTION (TYP)
- ③ BOND ALL H-FRAME POSTS TO GROUND RING
- ④ BOND TELCO BUSS BAR TO GROUND RING
- ⑤ BOND TOWER BASE PLATE AT EACH LEG TO TOWER GROUND RING PER TOWER OWNER SPECIFICATIONS
- ⑥ PROPOSED GROUND ROD (TYP)
- ⑦ PROPOSED GROUND ROD WITH INSPECTION WELL
- ⑧ 1-#3/0 GROUNDING TO CONDUCTOR IN 1" PVC CONDUIT TO GROUND RING
- ⑨ BOND TOWER LIGHTING CONTROLLER TO GROUND RING PER THE MANUFACTURERS SPECIFICATIONS
- ⑩ #2 AWG GREEN INSULATED JUMPER FROM ICE BRIDGE POST TO GRIPSTRUT
- ⑪ ICE BRIDGE GROUND (POST TO POST)
- ⑫ #2 AWG COPPER GROUND WIRE TO TOWER GROUND RING (TYP x2)
- ⑬ #2 AWG GREEN INSULATED JUMPER AT ICE BRIDGE SPLICES
- ⑭ #2 AWG TINNED COPPER WIRE GROUND FROM ICE BRIDGE POST TO CLOSEST GROUND RING (TYP)
- ⑮ #2 AWG GROUND FENCE POST TO SHELTER OR GENERATOR GROUND RING (TYP)



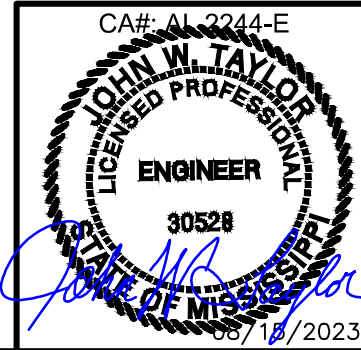
SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| DATE | DESCRIPTION: | DESIGNER: |
|----------|--------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
GROUNDING SITE PLAN

| | |
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

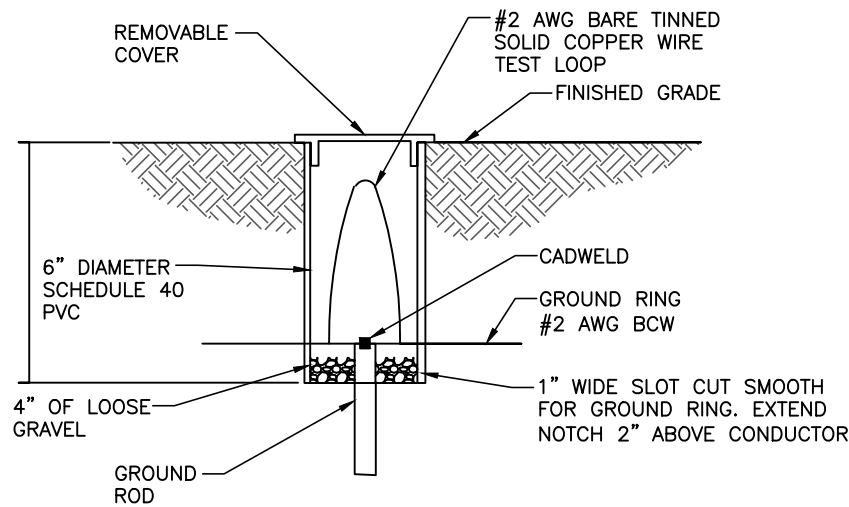
E-3 2



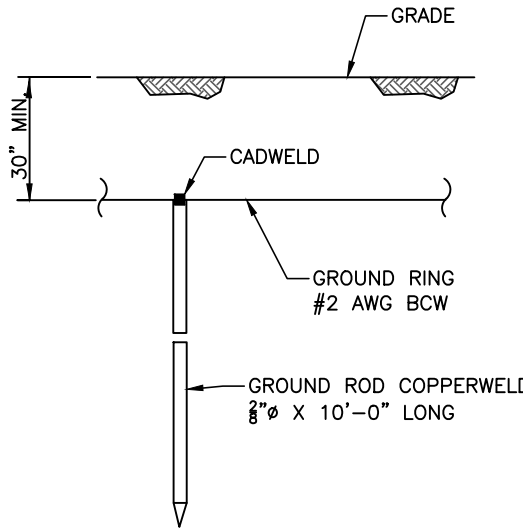
1 GROUNDING SITE PLAN
 E-3 SCALE: 1"=10'



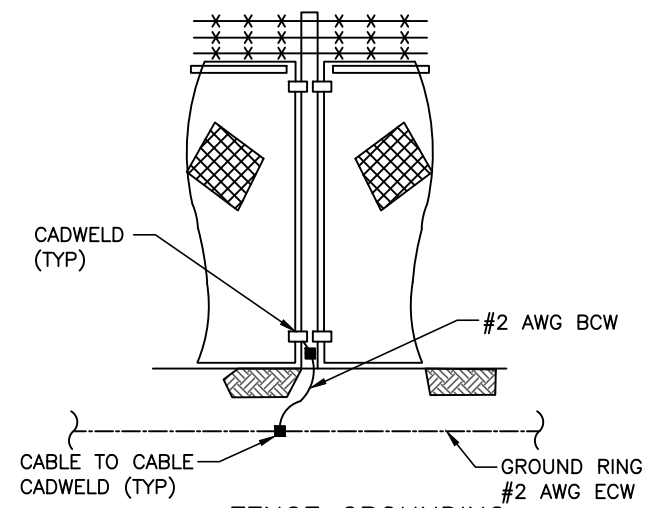
SMW ENGINEERING GROUP, N.C.
 FORESITE SERVICES, LLC
 SITE COORDINATES: N 32° 30' 48.075" (32.513954°)
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



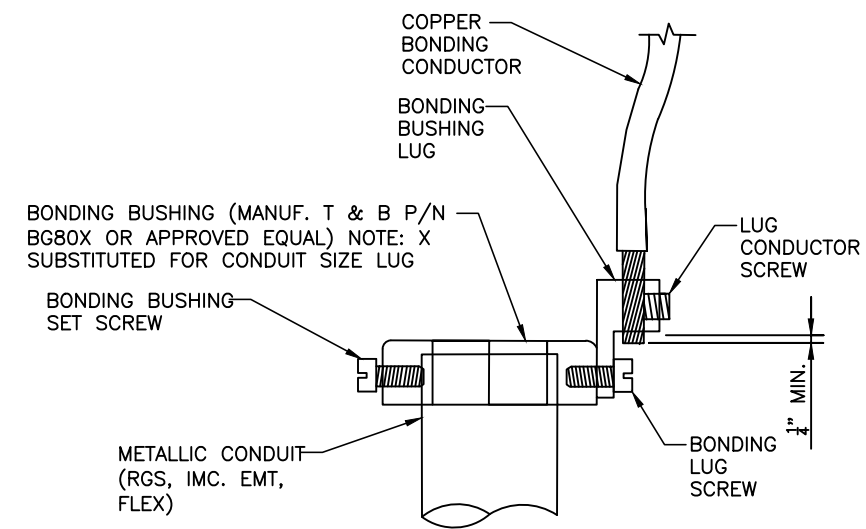
6" GROUND ROD INSPECTION WELL
 NOT TO SCALE



GROUND ROD DETAIL
 NOT TO SCALE



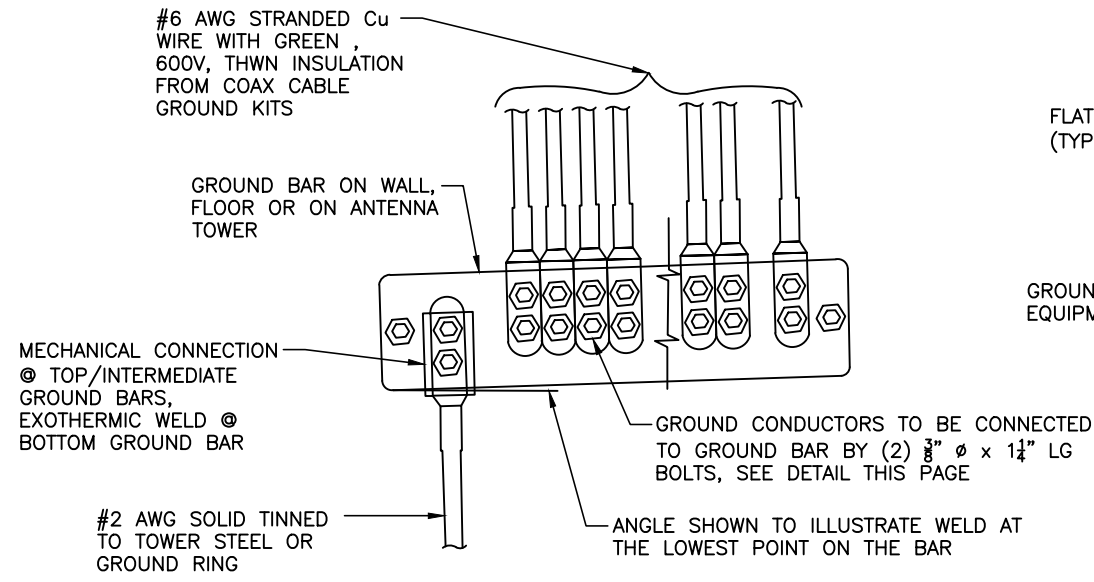
FENCE GROUNDING
 NOT TO SCALE



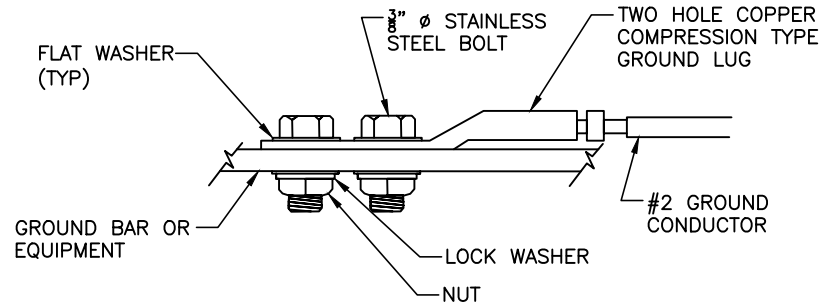
- DIRECTIONS:
1. MOUNT BONDING BUSHING INTO CONDUIT
 2. TIGHTEN BOND BUSHING SET SCREW
 3. INSERT COPPER CONDUCTOR INTO LUG
 4. TIGHTEN LUG CONDUCTOR SCREW
 5. TIGHTEN BONDING LUG SCREW

NOTE: BONDING BUSHING, SET SCREW, LUG, LUG SCREW, CONDUCTORS, LUG SCREW SHOWN AS COMPLETE UNIT

CONDUIT BOND/GROUND BUSHING
 NOT TO SCALE



INSTALLATION OF GROUND WIRE TO COAX CABLE GROUND BARE
 NOT TO SCALE



MECHANICAL GROUND CONNECTION
 NOT TO SCALE

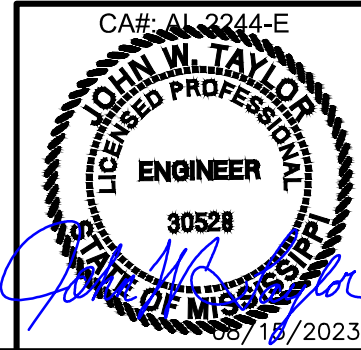
| DESIGNER | ZDS | AMD | AMD |
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| ISSUED FOR CLIENT REVIEW | | | |
| ISSUED FOR ZONING | | | |
| REVISED PER CONCRETE PAD | | | |

SOUTH GLUCKSTADT

GROUNDING DETAILS

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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-4





DESIGNER:

ZDS

ISSUED FOR CLIENT REVIEW

ISSUED FOR ZONING

REVISED PER CONCRETE PAD

DATE: 01/26/23, 07/24/23, 08/15/23

DESCRIPTION:

ISSUED FOR CLIENT REVIEW

ISSUED FOR ZONING

REVISED PER CONCRETE PAD

DATE: 01/26/23, 07/24/23, 08/15/23

DESIGNER: ZDS

CHECKED BY: JWT

ENGINEER: JWT

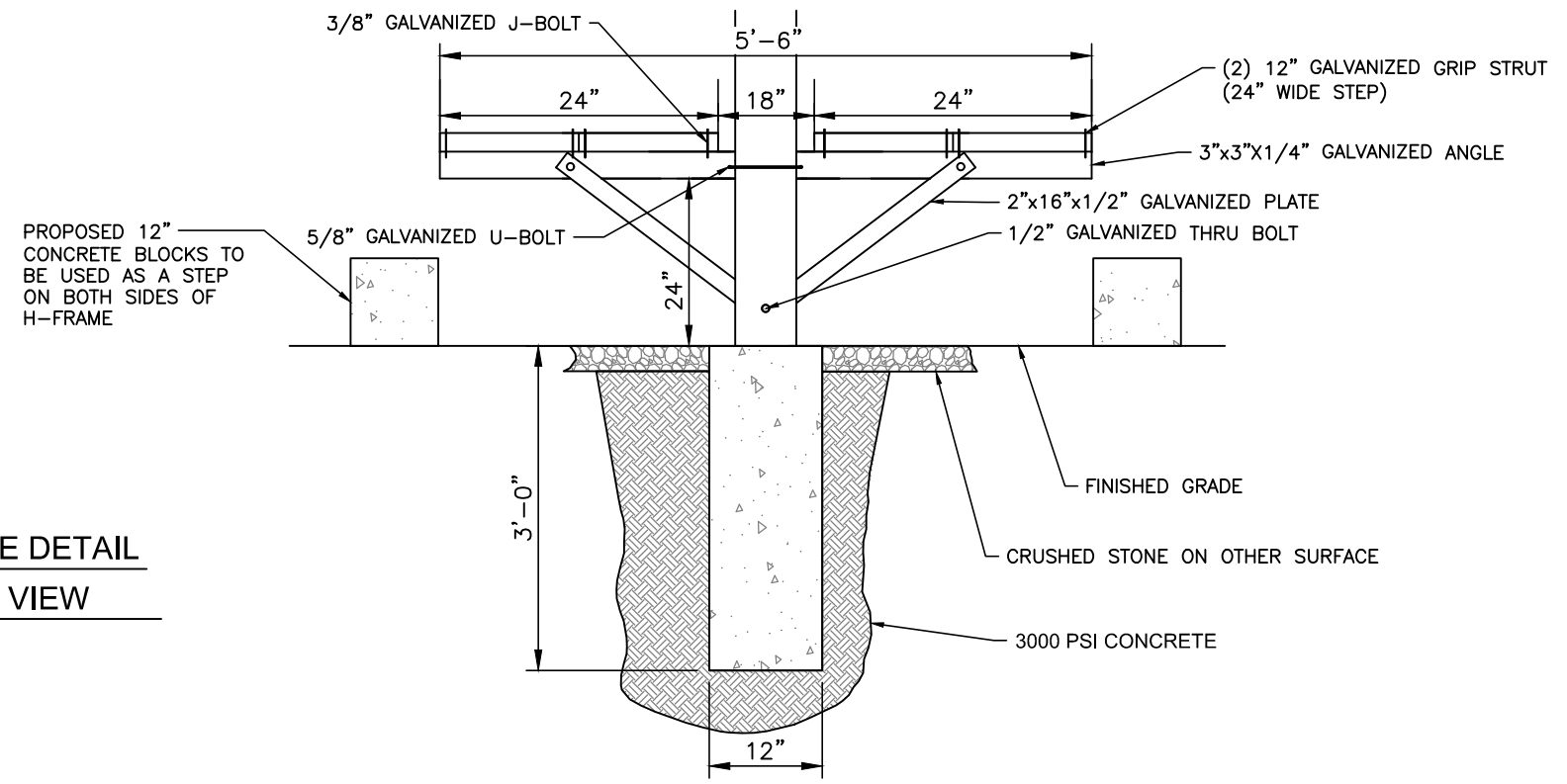
SMW #: 22-1425

SHEET NO.: E-5

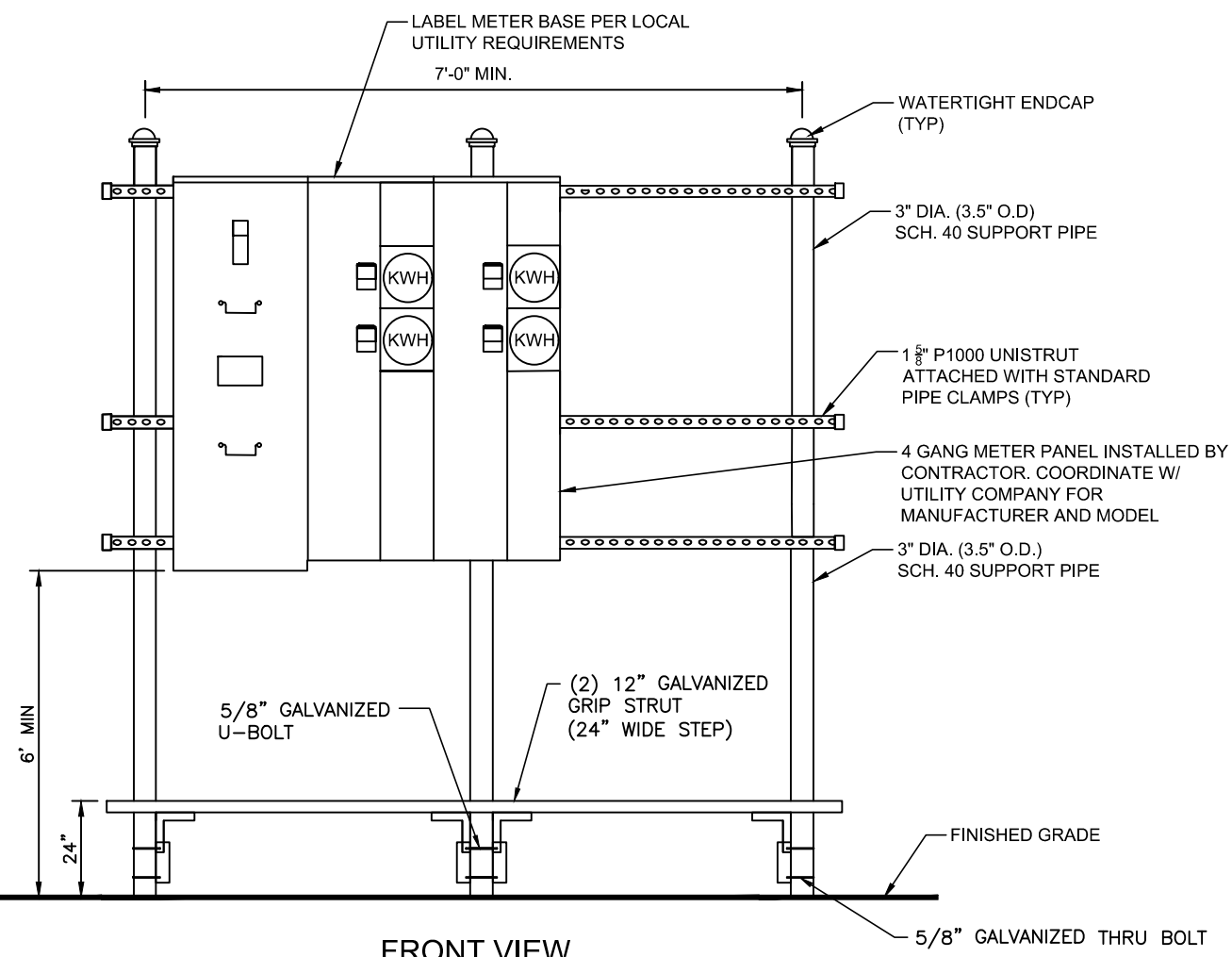
REV. 2

SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)

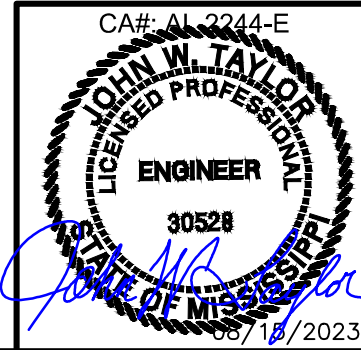
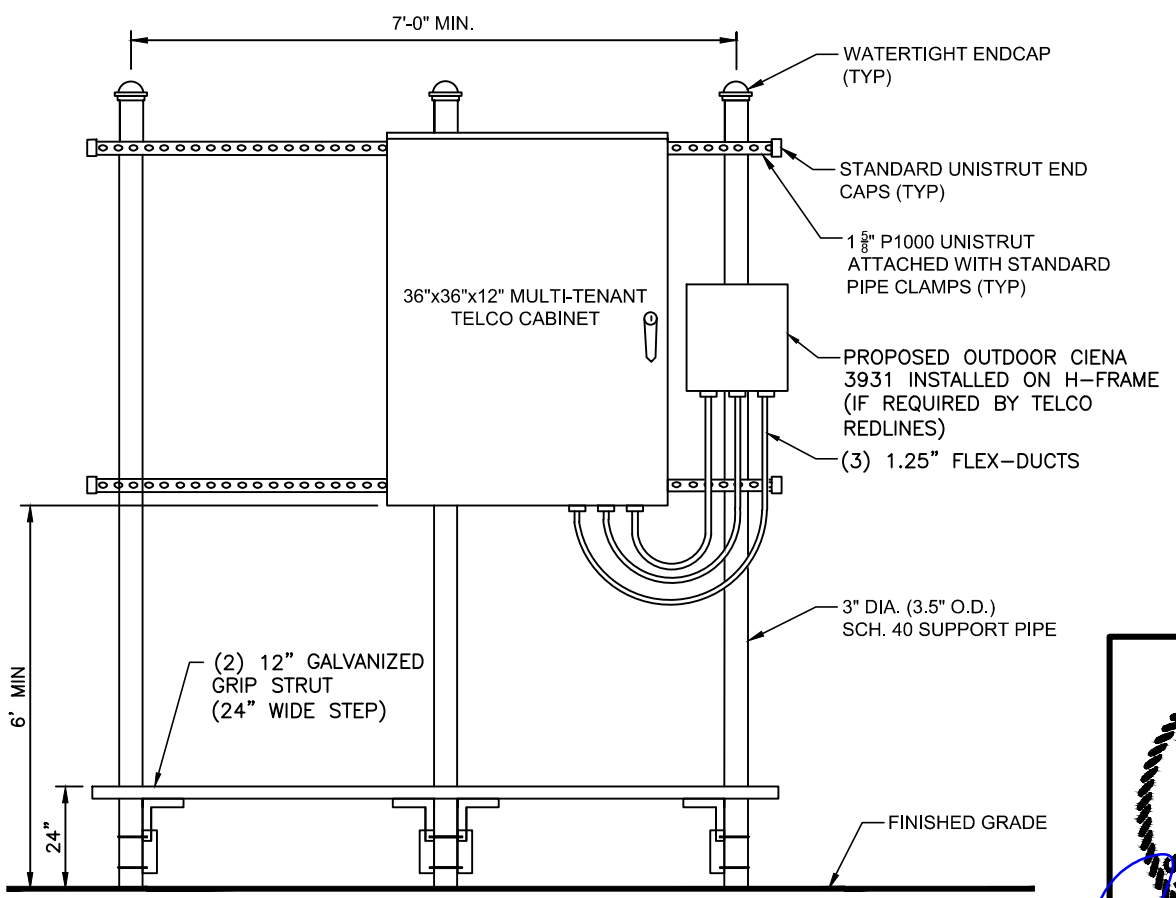
H-FRAME DETAIL
SIDE VIEW



FRONT VIEW



BACK VIEW

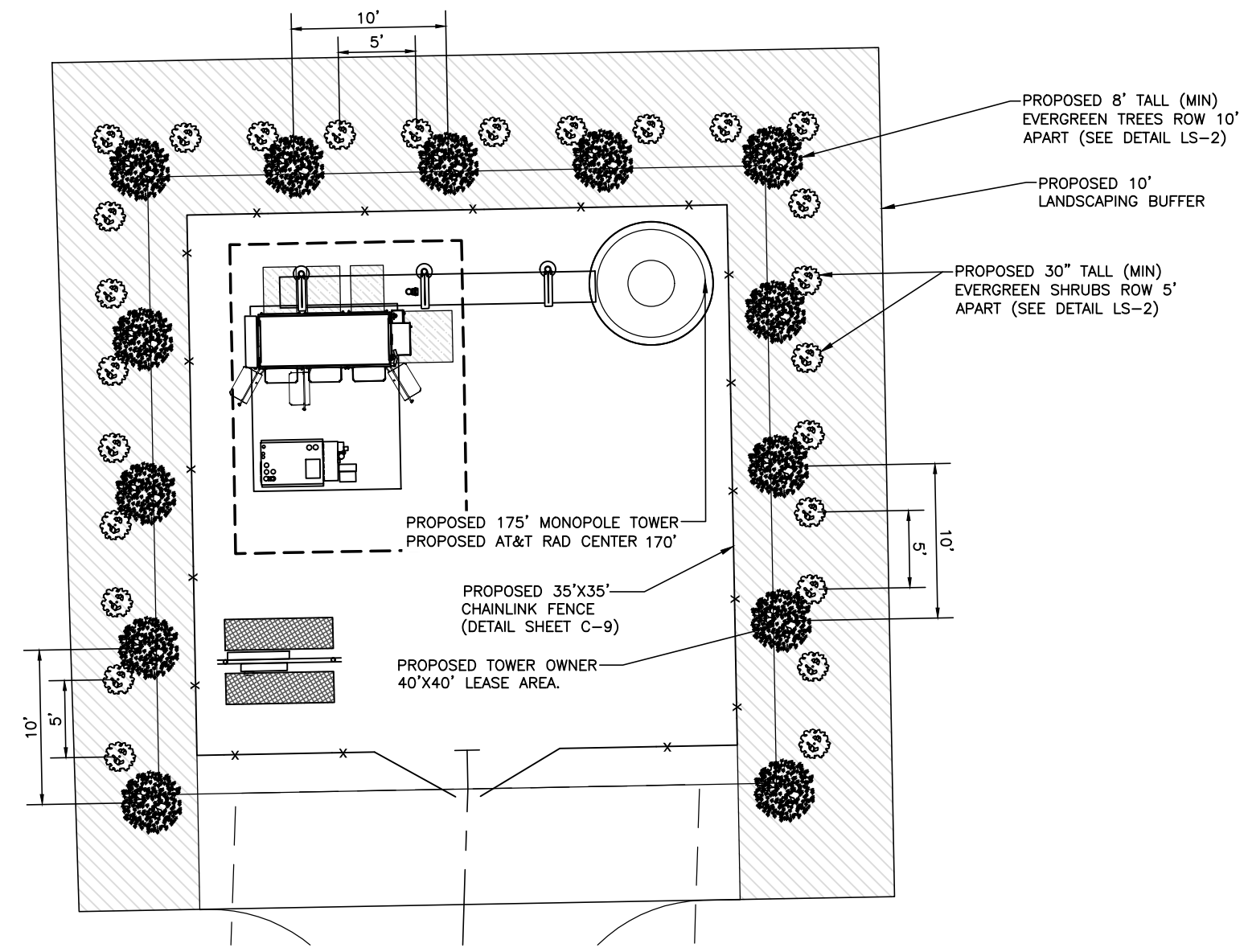
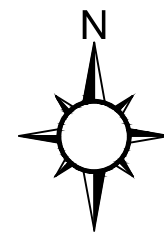


SOUTH GLUCKSTADT
UTILITY FRAME DETAILS -
STEP-UP

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | E-5 |
| REV.: | 2 |

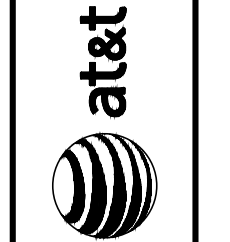
PLANTING SCHEDULE

| KEY | QTY | BOTANICAL NAME | COMMON NAME | SIZE | TYPE | SPACING | SYMBOL | REMARKS |
|-----|-----|---------------------------|-----------------------|------|-------------------|-------------|--------|--------------------|
| Lc | 17 | Ilex opaca 'cv' 'Howardi' | American Holly Hybrid | 8' | UPRIGHT EVERGREEN | 10' MAXIMUM | | FULL TO BASE |
| Ich | 57 | Ilex crenata 'Helleri' | Helleri Holly | 30" | SHRUB EVERGREEN | 5'-0" O.C. | | B & B OR CONTAINER |



1 LANDSCAPING SITE PLAN
 LB-1 SCALE: 1"=10'

SMW
 ENGINEERING GROUP, N.C.
 FORESITE SERVICES, LLC
 SITE COORDINATES: N 32° 30' 48.075" (32.513954°)
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (90.111852°)



| DATE | DESCRIPTION | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
LANDSCAPING SITE PLAN

CA#: AL 2244-E
JOHN W. TAYLOR
 LICENSED PROFESSIONAL
ENGINEER
 30528
 STATE OF MISSISSIPPI

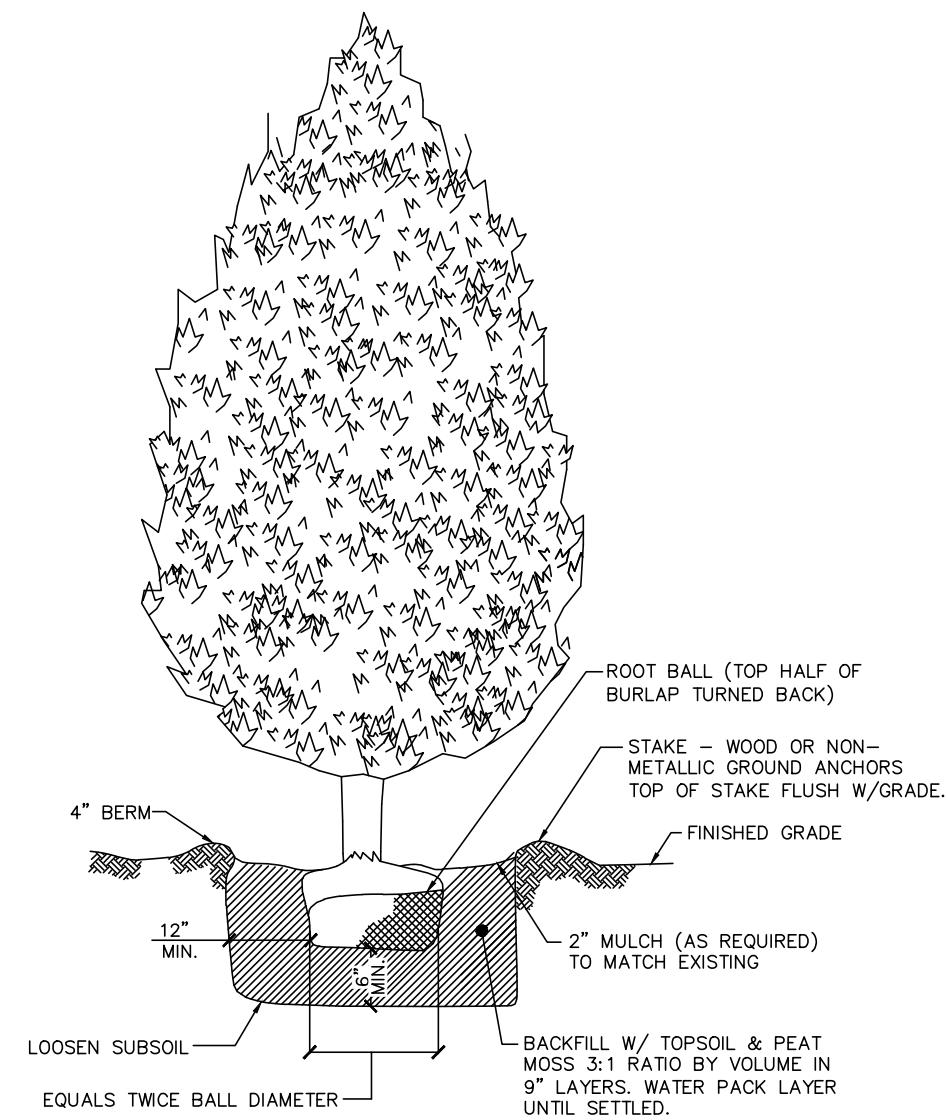
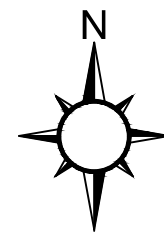
08/15/2023

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

LS-1 2

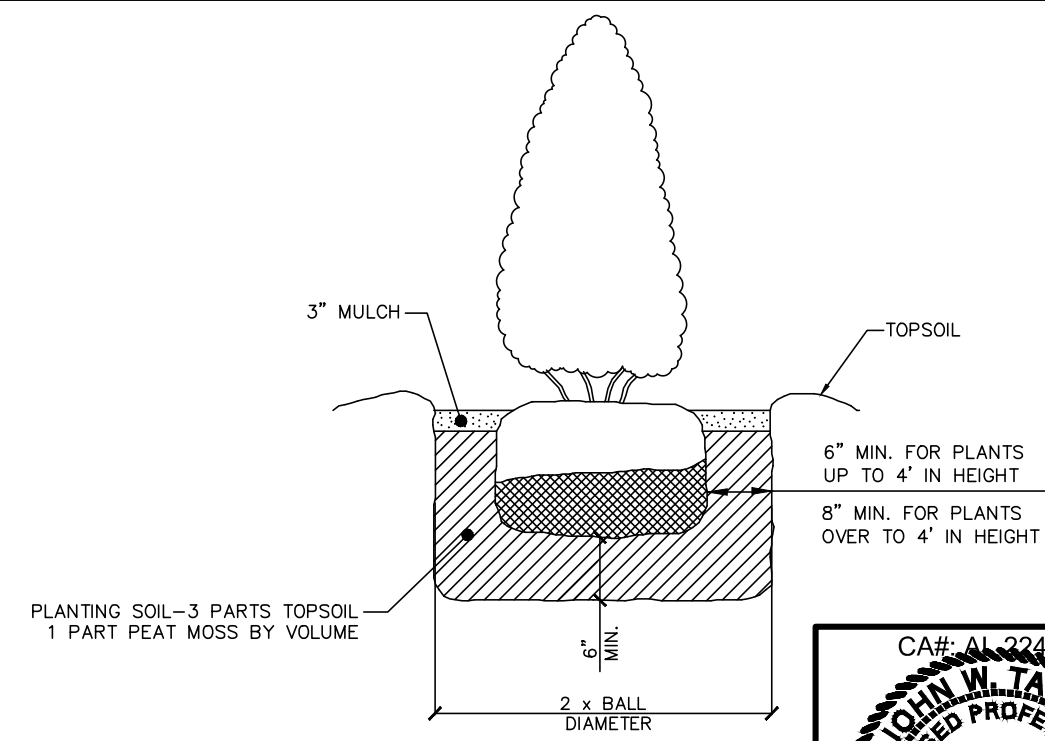


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.869" (-90.111852°)



EVERGREEN TREE

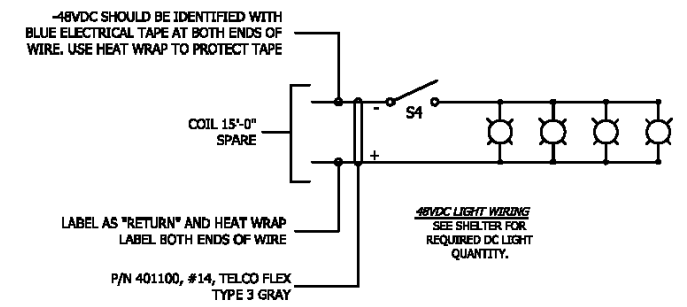
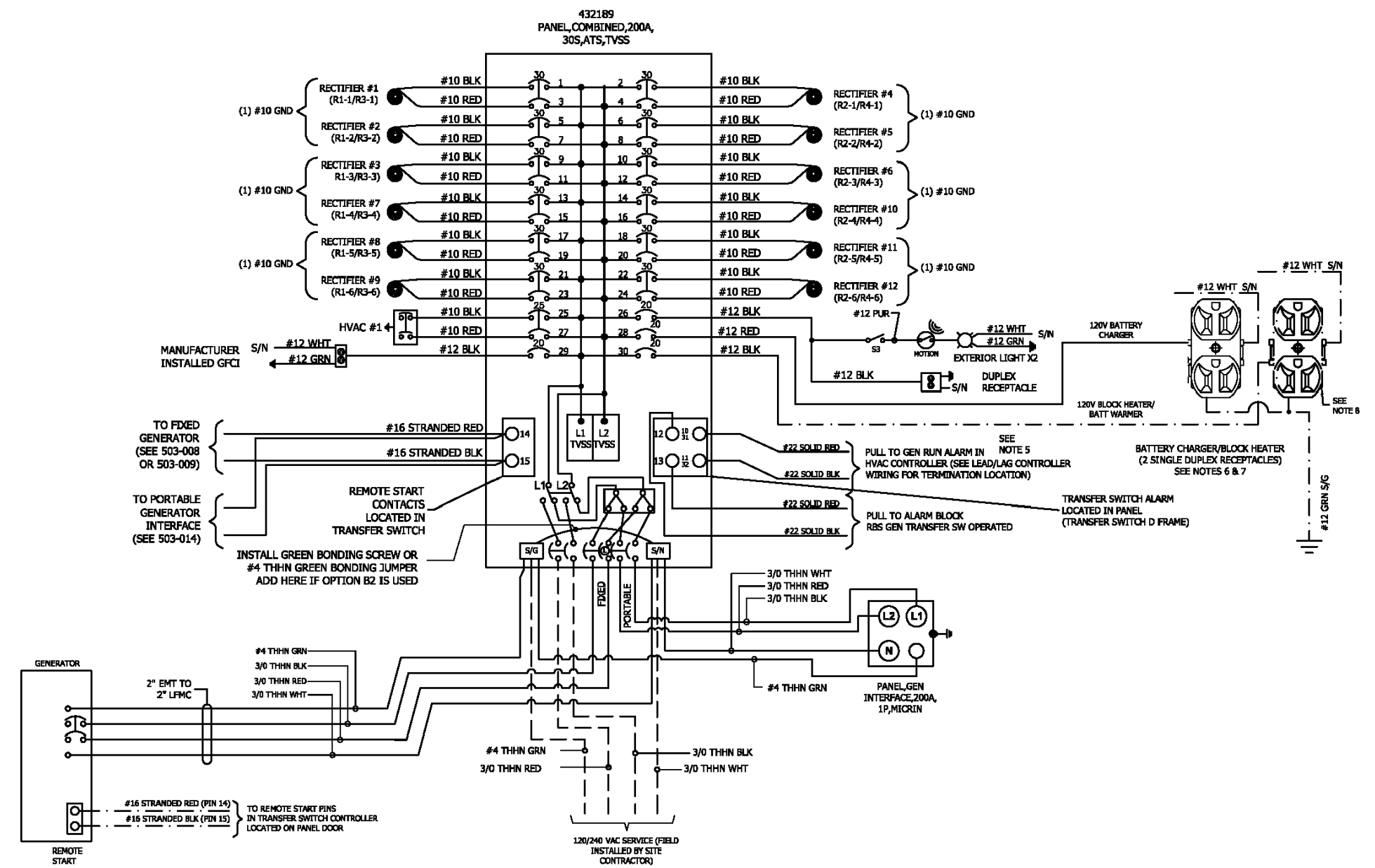
- NOTES:
1. EVERGREEN TREE SHALL BE MIN. 8'-0" IN HEIGHT AT TIME OF PLANTING.
 2. EVERGREEN SHRUB SHALL BE A MIN. 30" IN HEIGHT AT TIME OF PLANTING



| DATE | DESCRIPTION: | DESIGNER |
|----------|--------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |

SOUTH GLUCKSTADT
 LANDSCAPING SITE
 PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



- NOTES:**
- DO NOT SHARE NEUTRALS UNLESS OTHERWISE SPECIFIED.
 - WHEN AC & DC WIRING IS LOCATED IN THE SAME BOX, ENCLOSURE, OR WIREWAY, WIRES MUST BE LABELED WITH VOLTAGE TYPE.
 - DC VOLTAGE IS NEGATIVE FEED, CHANGE CONNECTION POINTS AT DEVICES SO THAT BLACK WIRES ARE CONNECTED TO POSITIVE(+) TERMINALS AND RED WIRES ARE CONNECTED TO NEGATIVE(-) TERMINALS.
 - ALL WIRES TO BE THHN TYPE RATED 90°C.
 - IF OPTION "R2" (FIKE SYSTEM) IS CHOSEN, PLACE A 15A BREAKER ON CIRCUIT 42. OPTION "Q4" NOT AVAILABLE WITH OPTION "R2".
 - LABEL BREAKERS IN PTLIC PANEL AS FOLLOWS:
(1) BREAKER "GEN BLOCK HTR & BATT WARMER"
(1) BREAKER "GEN BATT CHARGER"
 - LABEL EACH RECEPTACLE SAME AS IN PTLIC PANEL.
 - OPTIONAL RECEPTACLE. USE ONLY WHEN REQUIRED.
 - ENSURE NEUTRAL & GROUND ARE NOT BONDED ON GENERATOR.

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Sabre Industries
 Building Systems by Cellixion
 5031 Hazel Jones Road
 Bossier City, LA 71111
 Voice: (318) 213-2900
 Fax: (318) 213-2919
 www.sabreindustries.com

CUSTOMER:
AT&T MOBILITY

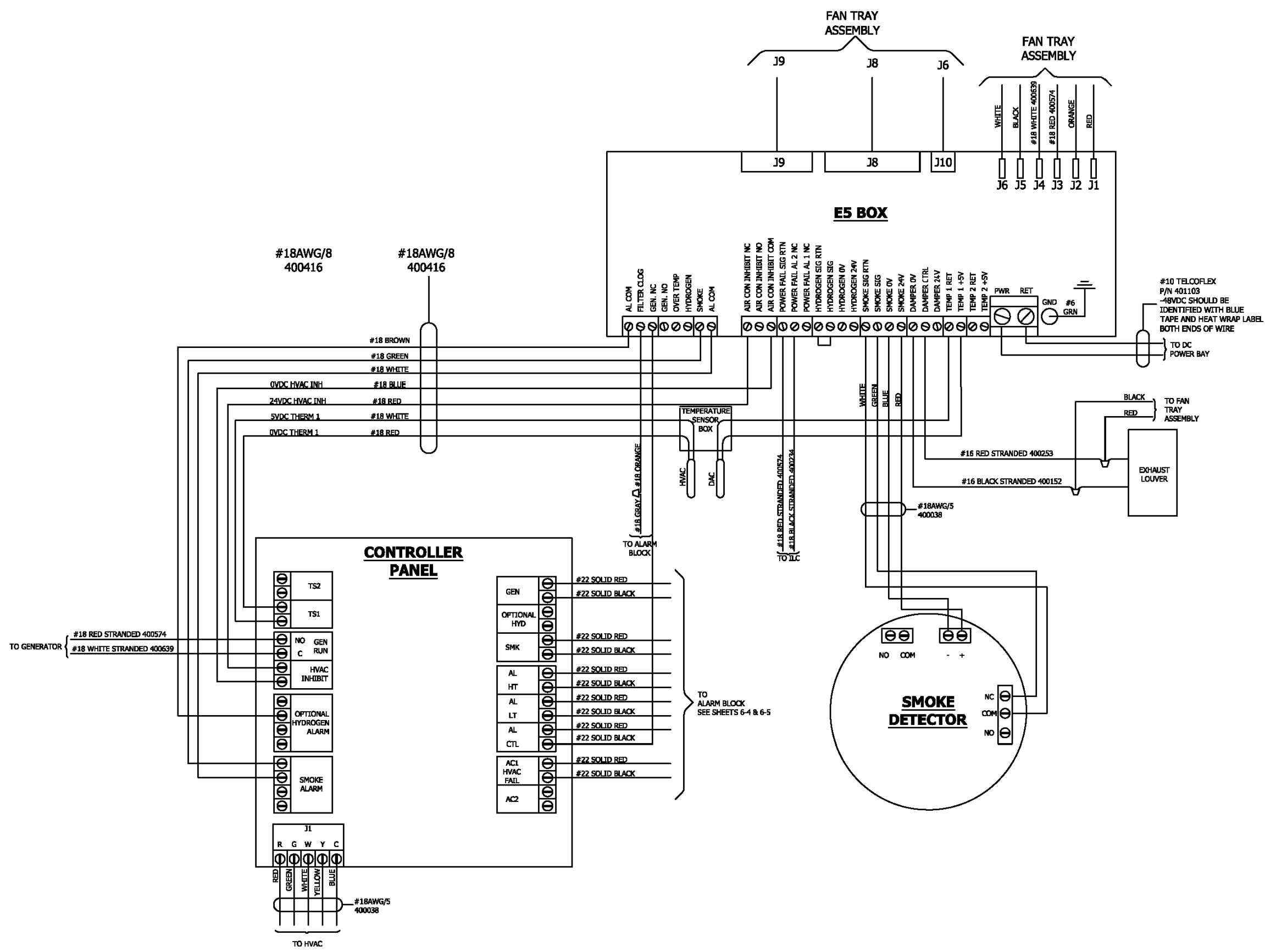
PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER AC ELECTRICAL WIRING DIAGRAM

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUJQ. | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |

SHEET NO.
6-1

| | |
|--------------|-------|
| DRAWING NO.: | REV.: |
| SATN72 | C |

| | | | | | |
|-----|-----|----------|---------------------|-----------|----------|
| C | MDF | 05/30/18 | UPDATED PER CHANGES | M. FOUJQ. | 05/31/18 |
| REV | BY | DATE | DESCRIPTION | APP. BY | DATE |



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CUSTOMER:
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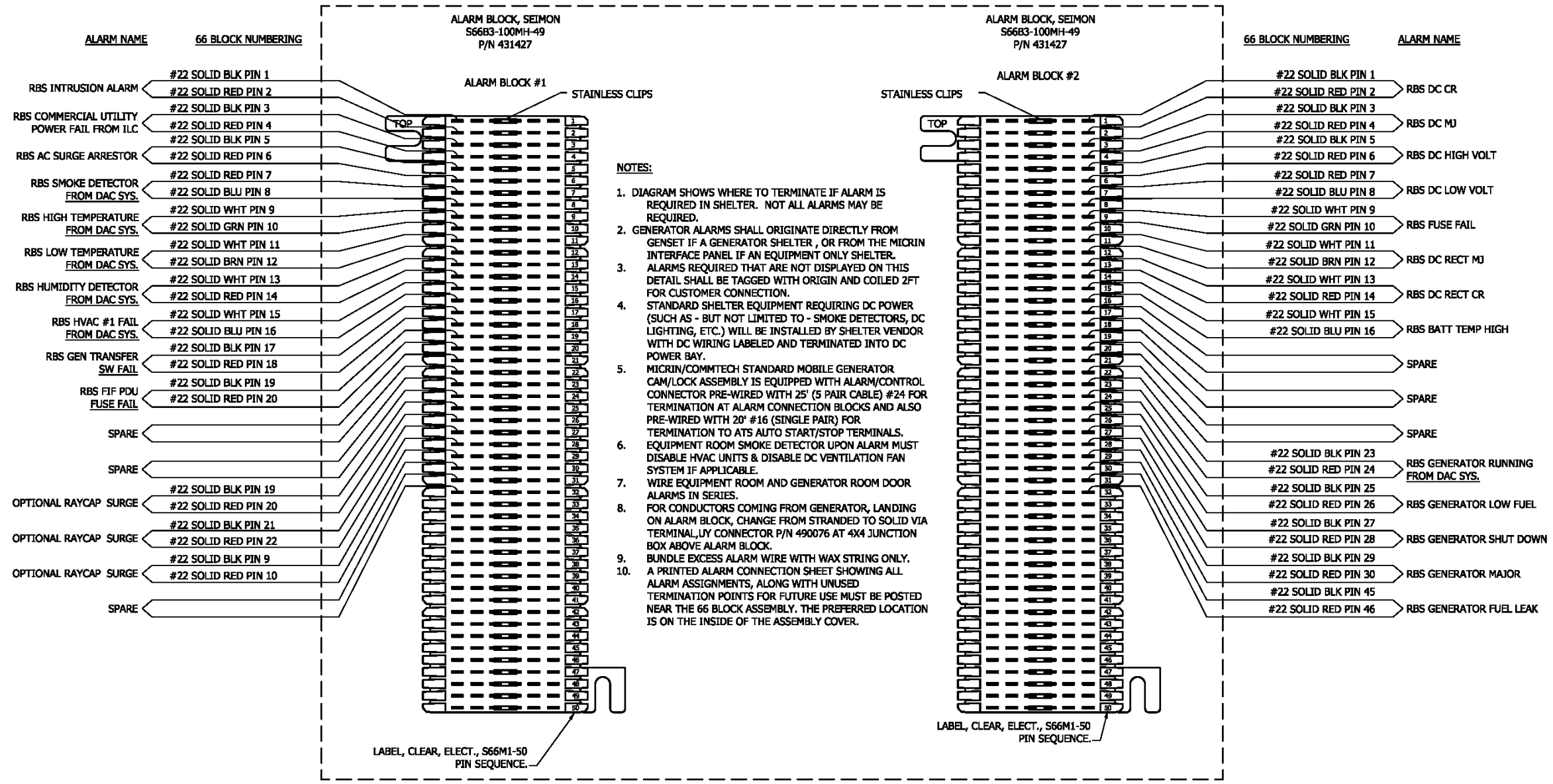
PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER DAC SYSTEM WIRING DIAGRAM

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |
| SHEET NO. 6-3 | |
| DRAWING NO.: SATN72 | REV.: C |

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT



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 Bossier City, LA 71111
 Voice: (318) 213-2900
 Fax: (318) 213-2919
 www.sabreindustries.com

CUSTOMER:
AT&T MOBILITY

PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER ALARM BLOCK WIRING DIAGRAM

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |
| SHEET NO. 6-5 | |
| DRAWING NO.: SATN72 | REV.: C |

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT

Model: 20REOZK

KOHLER Power Systems

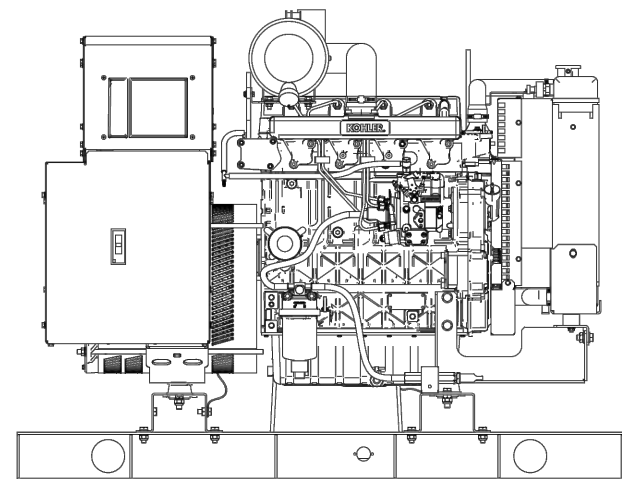
208-600 V

Diesel



Ratings Range

| | | 60 Hz | |
|----------|-----|-----------|--|
| Standby: | kW | 18.0-23.0 | |
| | kVA | 18.0-28.8 | |
| Prime: | kW | 16.5-20.0 | |
| | kVA | 16.5-25.0 | |



Generator Set Ratings

| Alternator | Voltage | Ph | Hz | 130°C Rise Standby Rating | | 105°C Rise Prime Rating | |
|------------|---------|----|----|---------------------------|------|-------------------------|------|
| | | | | kW/kVA | Amps | kW/kVA | Amps |
| 4D3.8 | 120/208 | 3 | 60 | 20.0/25.0 | 69.4 | 19.0/23.8 | 65.9 |
| | 127/220 | 3 | 60 | 20.0/25.0 | 65.6 | 18.5/23.1 | 60.7 |
| | 120/240 | 3 | 60 | 20.0/25.0 | 60.1 | 19.0/23.8 | 57.1 |
| | 120/240 | 1 | 60 | 18.0/18.0 | 75.0 | 16.5/16.5 | 68.8 |
| | 139/240 | 3 | 60 | 20.0/25.0 | 60.1 | 18.5/23.1 | 55.6 |
| | 220/380 | 3 | 60 | 19.5/24.4 | 37.0 | 18.5/23.1 | 35.1 |
| | 277/480 | 3 | 60 | 20.0/25.0 | 30.1 | 18.5/23.1 | 27.8 |
| | 347/600 | 3 | 60 | 20.0/25.0 | 24.1 | 18.5/23.1 | 22.3 |
| 4D5.0 | 120/208 | 3 | 60 | 23.0/28.8 | 79.8 | 20.0/25.0 | 69.4 |
| | 127/220 | 3 | 60 | 23.0/28.8 | 75.4 | 20.0/25.0 | 65.6 |
| | 120/240 | 3 | 60 | 23.0/28.8 | 69.2 | 20.0/25.0 | 60.1 |
| | 120/240 | 1 | 60 | 22.0/22.0 | 91.7 | 20.0/20.0 | 83.3 |
| | 139/240 | 3 | 60 | 23.0/28.8 | 69.2 | 20.0/25.0 | 60.1 |
| | 220/380 | 3 | 60 | 22.0/27.5 | 41.8 | 20.0/25.0 | 38.0 |
| 4E3.8 | 277/480 | 3 | 60 | 23.0/28.8 | 34.6 | 20.0/25.0 | 30.1 |
| | 347/600 | 3 | 60 | 23.0/28.8 | 27.7 | 20.0/25.0 | 24.1 |
| 4E3.8 | 120/240 | 1 | 60 | 22.0/22.0 | 91.7 | 20.0/20.0 | 83.3 |

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor. **Standby Ratings:** Standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. **Prime Power Ratings:** At varying load, the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-6528-1 and ISO-3046-1. For limited running time and continuous ratings, consult the factory. Obtain the technical information bulletin (TIB-101) for ratings guidelines, complete ratings definitions, and site condition derates. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.

G5-435 (20REOZK) 1/15c

Standard Features

- Kohler Co. provides one-source responsibility for the generating system and accessories.
- The generator set and its components are prototype-tested, factory-built, and production-tested.
- The 60 Hz generator set offers a UL 2200 listing.
- The generator set accepts rated load in one step.
- The 60 Hz generator set meets NFPA 110, Level 1, when equipped with the necessary accessories and installed per NFPA standards.
- The generator set engine is certified to meet the Environmental Protection Agency (EPA) emergency stationary emissions requirements.
- A one-year limited warranty covers all generator set systems and components. Two- and five-year extended limited warranties are also available.
- Alternator features:
 - Kohler's wound field excitation system with its unique PowerBoost™ design delivers great voltage response and short-circuit capability.
 - The brushless, rotating-field alternator has broadrange reconnectability.
- Other features:
 - Kohler designed controllers for guaranteed system integration and remote communication. See Controllers on page 3.
 - The low coolant level shutdown prevents overheating (standard on radiator models only).
 - Integral vibration isolation eliminates the need for under-unit vibration spring isolators.

Alternator Specifications

| Specifications | Alternator |
|--|---|
| Manufacturer | Kohler |
| Type | 4-Pole, Rotating-Field |
| Exciter type | Brushless, Wound Field |
| Leads: quantity, type | 12, Reconnectable 4, 110-120/220-240 |
| Voltage regulator | Solid State, Volts/Hz |
| Insulation: | NEMA MG1 |
| Material | Class H |
| Temperature rise | 130°C, Standby |
| Bearing: quantity, type | 1, Sealed |
| Coupling | Flexible Disc |
| Amortisseur windings | Full |
| Voltage regulation, no-load to full-load | Controller Dependent |
| One-step load acceptance | 100% of Rating |
| Unbalanced load capability | 100% of Rated Standby Current |
| Peak motor starting kVA: | (35% dip for voltages below) |
| 480 V | 4D3.8 (12 lead) |
| 480 V | 4D5.0 (12 lead) |
| 240 V | 4E3.8 (4 lead) |

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and drip-proof construction.
- Windings are vacuum-impregnated with epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.

Application Data

Engine

| Engine Specifications | |
|---|--|
| Manufacturer | Kohler Diesel |
| Engine model | KDI2504M |
| Engine type | 4-Cycle, Naturally Aspirated |
| Cylinder arrangement | 4 Inline |
| Displacement, L (cu. in.) | 2.5 (158) |
| Bore and stroke, mm (in.) | 88 x 102 (3.46 x 4.02) |
| Compression ratio | 18:1 |
| Piston speed, m/min. (ft./min.) | 367 (1206) |
| Main bearings: quantity, type | 5, Sleeve |
| Rated rpm | 1800 |
| Max. power at rated rpm, kWm (BHP) | 29.7 (39.9) |
| Cylinder head material | Cast Iron |
| Crankshaft material | Cast Iron |
| Valve material: | |
| Intake | Stainless Steel |
| Exhaust | Stainless Steel |
| Governor: type, make/model | Stanadyne/Mechanical (or Electronic *) |
| Frequency regulation, no-load to full-load | Drop (or Isochronous *) |
| Frequency regulation, steady state | ±0.5% |
| Frequency | Fixed |
| Air cleaner type, all models | Dry |
| * Requires available electronic governor option | |

Exhaust

| Exhaust System | |
|---|------------|
| Exhaust manifold type | Dry |
| Exhaust flow at rated kW, m ³ /min. (cfm) | 6 (212) |
| Exhaust temperature at rated kW, dry exhaust, °C (°F) | 570 (1058) |
| Maximum allowable back pressure, kPa (in. Hg) | 8.5 (2.5) |
| Exhaust outlet size at engine hookup, mm (in.) | 41 (1.6) |

Engine Electrical

| Engine Electrical System | |
|--|----------|
| Battery charging alternator: | |
| Ground (negative/positive) | Negative |
| Volts (DC) | 12 |
| Ampere rating | 50 |
| Starter motor rated voltage (DC) | 12 |
| Battery, recommended cold cranking amps (CCA): | |
| Quantity, CCA rating | One, 650 |
| Battery voltage (DC) | 12 |

Fuel

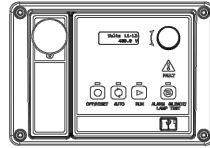
| Fuel System | |
|--|----------------------------|
| Fuel supply line, min. ID, mm (in.) | 8.0 (0.31) |
| Fuel return line, min. ID, mm (in.) | 6.0 (0.25) |
| Max. lift, electric fuel pump, m (ft.) | 3.0 (10.0) |
| Max. fuel flow, Lph (gph) | 46.0 (12.2) |
| Max. return line restriction, kPa (in. Hg) | 20 (5.9) |
| Fuel filter | |
| Prefilter | 74 Microns |
| Primary/Water Separator | 5 Microns @ 98% Efficiency |
| Recommended fuel | #2 Ultra Low Sulfur Diesel |

Lubrication

| Lubricating System | |
|---------------------------------------|---------------|
| Type | Full Pressure |
| Oil pan capacity, L (qt.) | 10.7 (10.8) |
| Oil pan capacity with filter, L (qt.) | 11 (11.6) |
| Oil filter: quantity, type | 1, Cartridge |
| Oil cooler | — |

Application Data

Controller



Decision-Maker® 3000 Controller

Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Digital display and menu control provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or serial configuration
- Controller supports Modbus® protocol
- Integrated hybrid voltage regulator with ±0.5% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-100 for additional controller features and accessories.

Modbus® is a registered trademark of Schneider Electric.

Cooling

| Radiator System | |
|--|-------------|
| Ambient temperature, °C (°F) * | 50 (122) |
| Engine jacket water capacity, L (gal.) | 4.4 (1.6) |
| Radiator system capacity, including engine, L (gal.) | 11.4 (3) |
| Engine jacket water flow, Lpm (gpm) | 56.8 (15) |
| Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) | 21.6 (1228) |
| Water pump type | Centrifugal |
| Fan diameter, including blades, mm (in.) | 406 (16.0) |
| Fan, kWm (HP) | 0.6 (0.8) |
| Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H ₂ O) | 0.125 (0.5) |

* Enclosure reduces ambient temperature capability by 5°C (9°F).

Operation Requirements

| Air Requirements | |
|--|-------------|
| Radiator-cooled cooling air, m ³ /min. (scfm) † | 36.8 (1300) |
| Combustion air, m ³ /min. (cfm) | 2.1 (74.2) |
| Heat rejected to ambient air: | |
| Engine, kW (Btu/min.) | 20.4 (1160) |
| Alternator, kW (Btu/min.) | 5.1 (290) |

† Air density = 1.20 kg/m³ (0.075 lbm/ft³)

| Fuel Consumption | | |
|-----------------------------|----------------|-------|
| Diesel, Lph (gph) at % load | Standby Rating | |
| 100% | 7.9 | (2.1) |
| 75% | 6.1 | (1.6) |
| 50% | 4.3 | (1.1) |
| 25% | 2.5 | (0.7) |
| Diesel, Lph (gph) at % load | Prime Rating | |
| 100% | 7.2 | (1.9) |
| 75% | 5.7 | (1.5) |
| 50% | 3.8 | (1.0) |
| 25% | 2.3 | (0.6) |

KOHLER CO., Kohler, Wisconsin 53044 USA
 Phone 920-457-4441, Fax 920-459-1646
 For the nearest sales and service outlet in the US and Canada, phone 1-800-544-2444
 KOHLERPower.com

Kohler Power Systems
 Asia Pacific Headquarters
 7 Jurong Pier Road
 Singapore 619159
 Phone (65) 6264-6422, Fax (65) 6264-6455

Section 10, Item B)

Additional Standard Features

- Air Cleaner, Heavy Duty
- Alternator Protection
- Battery Rack and Cables
- Closed Crankcase Ventilation
- Oil Drain and Coolant Drain with Hose Barb
- Oil Drain Extension (with enclosure models only)
- Operation and Installation Literature
- Rodent Guards
- Stainless Steel Fasteners on Enclosures

Available Options

Approvals and Listings

- CSA Approval
- UL2200 Listing

Enclosed Unit

- Sound Enclosure (with enclosed critical silencer)
- Weather Enclosure (with enclosed critical silencer)
- Stainless Steel Latches and Hinges

Open Unit

- Exhaust Silencer, Critical (kit: PA-352663)
- Flexible Exhaust Connector, Stainless Steel

Fuel System

- Flexible Fuel Lines
- Fuel Pressure Gauge
- Subbase Fuel Tanks

Controller

- Common Failure Relay
- Input/Output Module
- Manual Speed Adjust
- Remote Annunciator Panel
- Remote Emergency Stop
- Run Relay

Cooling System

- Block Heater (700 W, 110-120 V)
Recommended for ambient temperatures below 0°C (32°F).
- Radiator Duct Flange

Electrical System

- Alternator Strip Heater
- Battery
- Battery Charger, Equalize/Float Type
- Battery Heater
- Electronic Governor
- Line Circuit Breaker (NEMA type 1 enclosure)
- Line Circuit Breaker with Shunt Trip (NEMA type 1 enclosure)

Miscellaneous

- Air Cleaner Restriction Indicator
- Engine Fluids Added
- Rated Power Factor Testing

Literature

- General Maintenance
- NFPA 110
- Overhaul
- Production

Warranty

- 2-Year Basic Limited
- 5-Year Basic Limited
- 5-Year Comprehensive Limited

Other Options

- _____
- _____
- _____
- _____
- _____

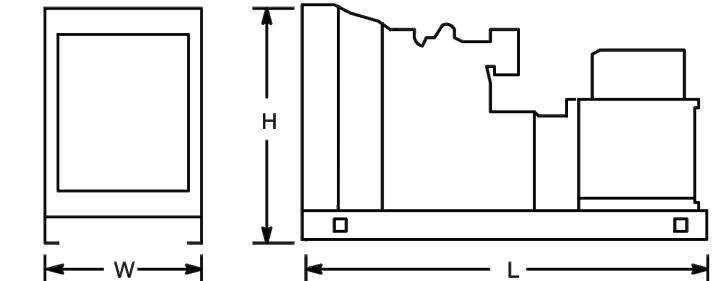
Dimensions and Weights

Overall Size, L x W x H, mm (in.):

Open Unit Skid: 1400 x 813 x 1107 (55.1 x 32.0 x 43.6)

Enclosure Skid: 1938 x 813 x 1174 (76.5 x 32.0 x 47.0)

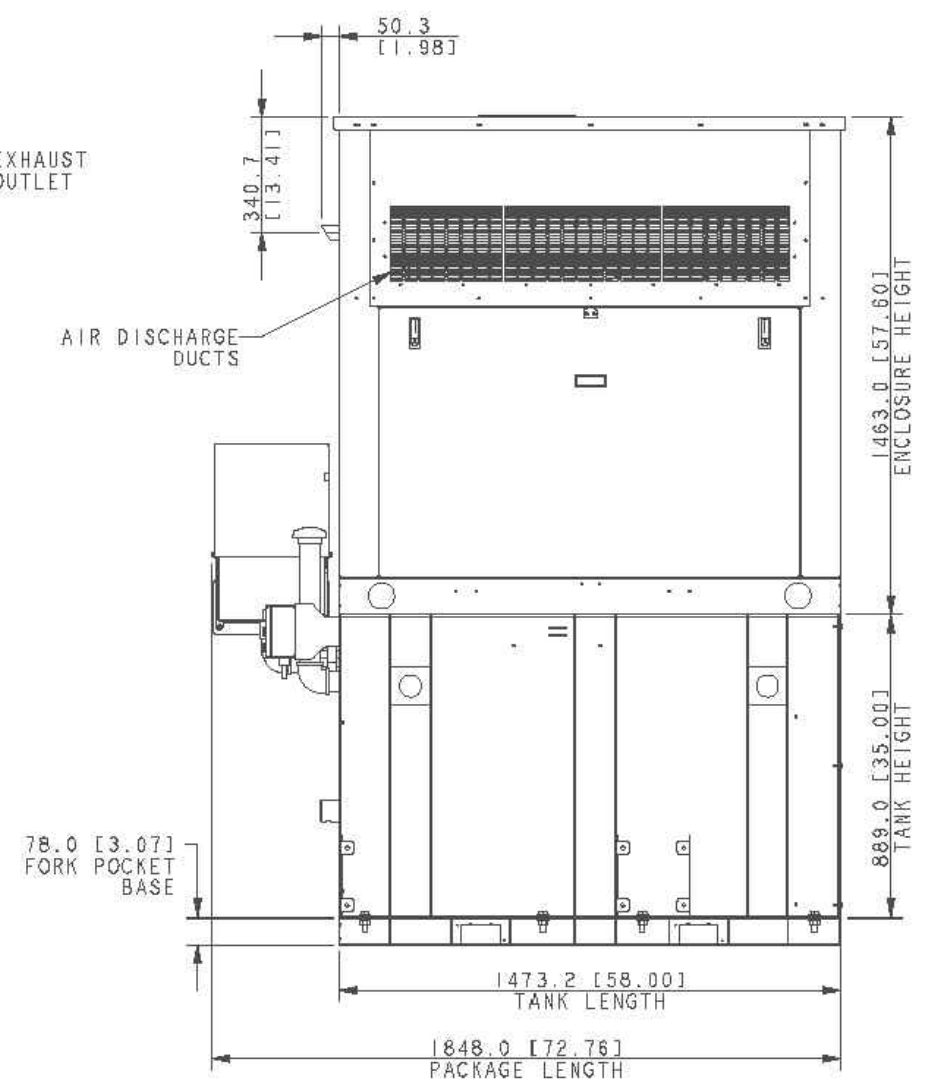
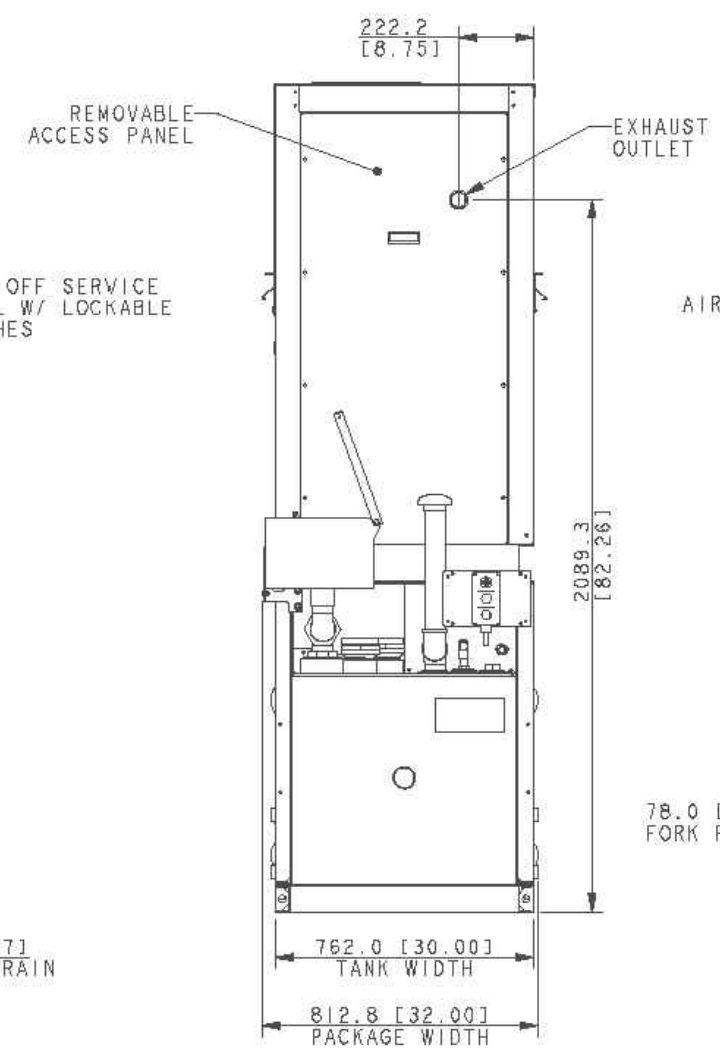
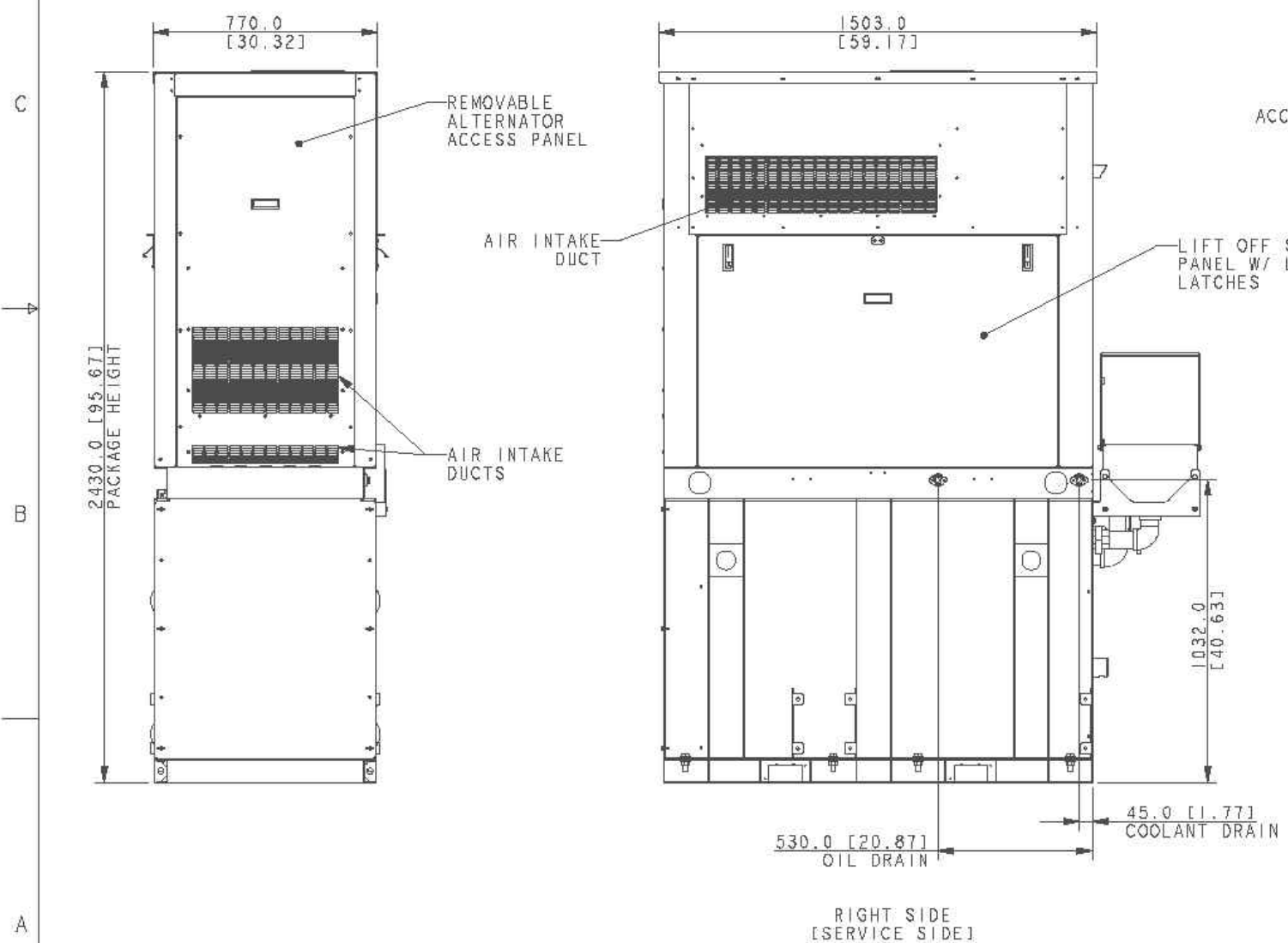
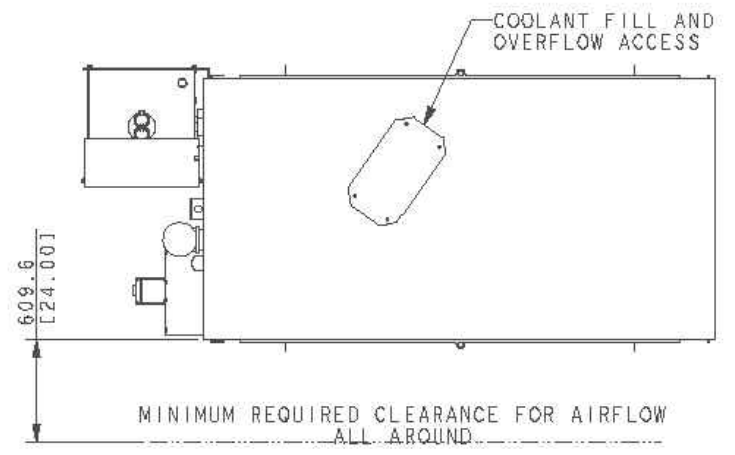
Weight (radiator model), wet, kg (lb.): 458 (1010)



NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

DISTRIBUTED BY:

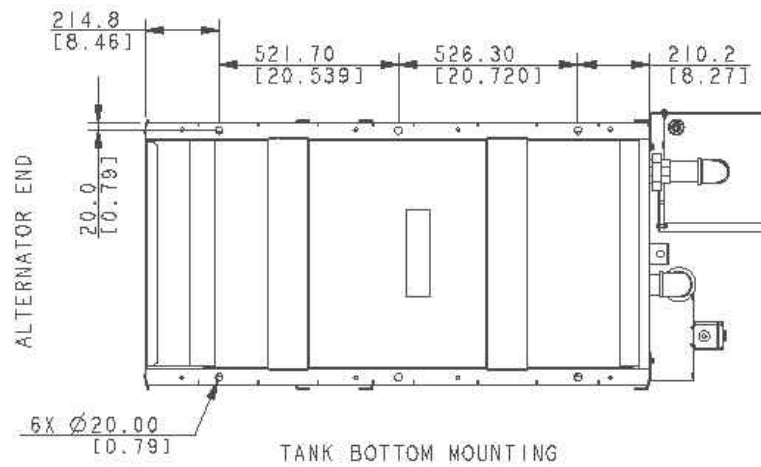
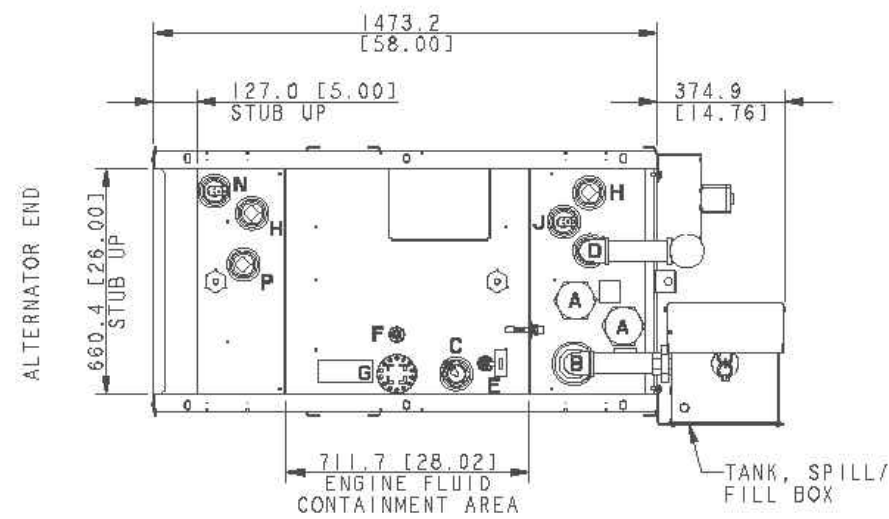
- NOTES:
1. ALL SIDES OF THE GENERATOR ARE SERVICE ACCESSIBLE. RIGHT SIDE IS PRIMARY SERVICE SIDE.
 2. 6 AMP BATTERY CHARGER.
 3. 120VAC ENGINE BLOCK HEATER.
 4. GENERATOR MUST BE GROUNDED.
 5. SOUND ATTENUATED ENCLOSURE STANDARD WITH GENERATOR.
 6. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST.
 7. MUST ALLOW FREE FLOW OF INTAKE AIR.
 8. BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
 9. TANK EQUIPPED WITH FIRE SAFETY VALVE ON FUEL SUPPLY LINE.
 10. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
 11. GENERATOR IS INSTALLED ON A UL-142 RATE DOUBLE WALL SUBBASE FUEL TANK.



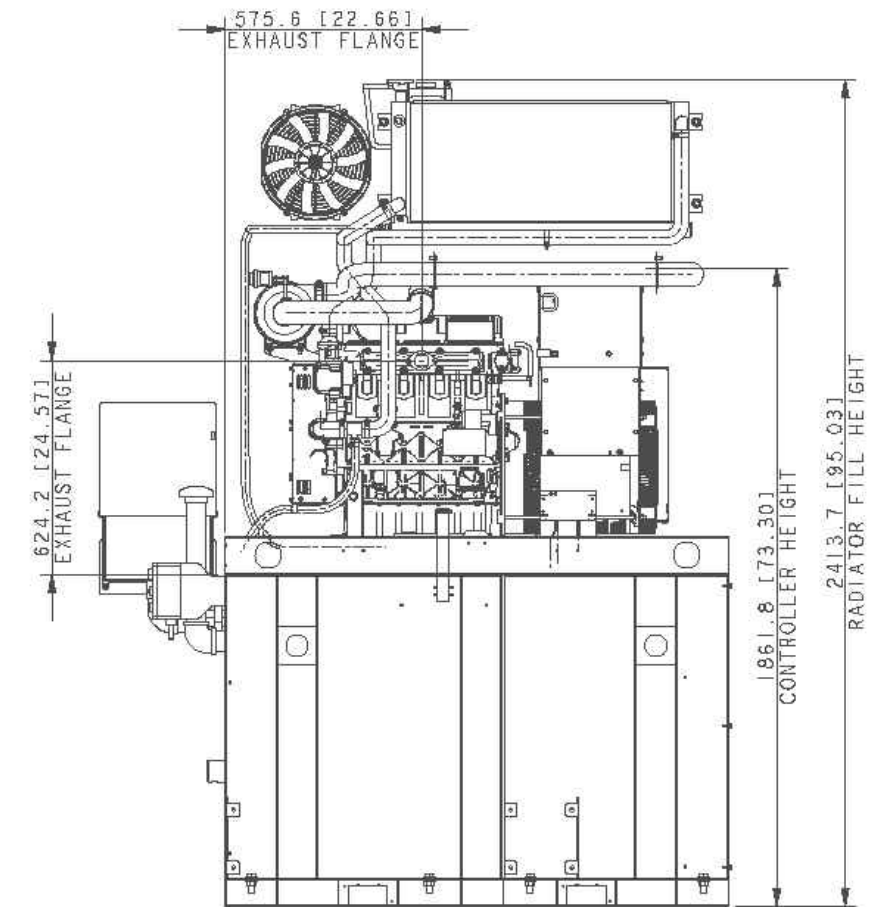
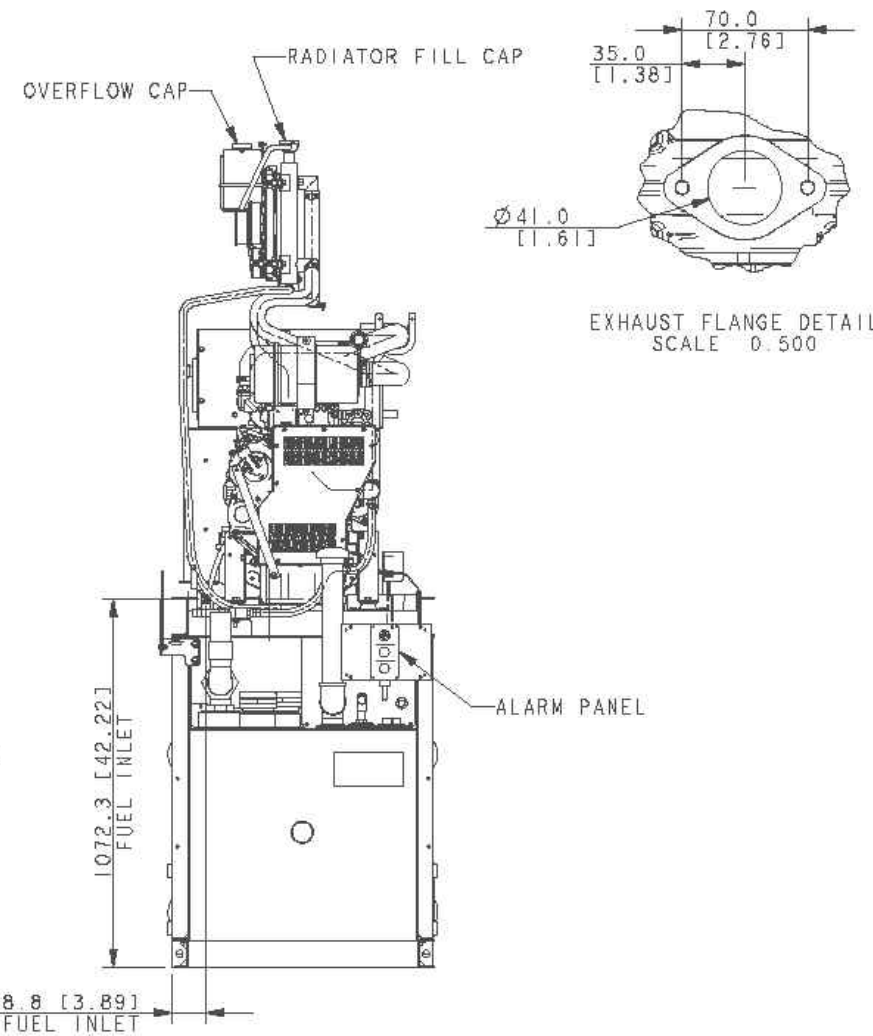
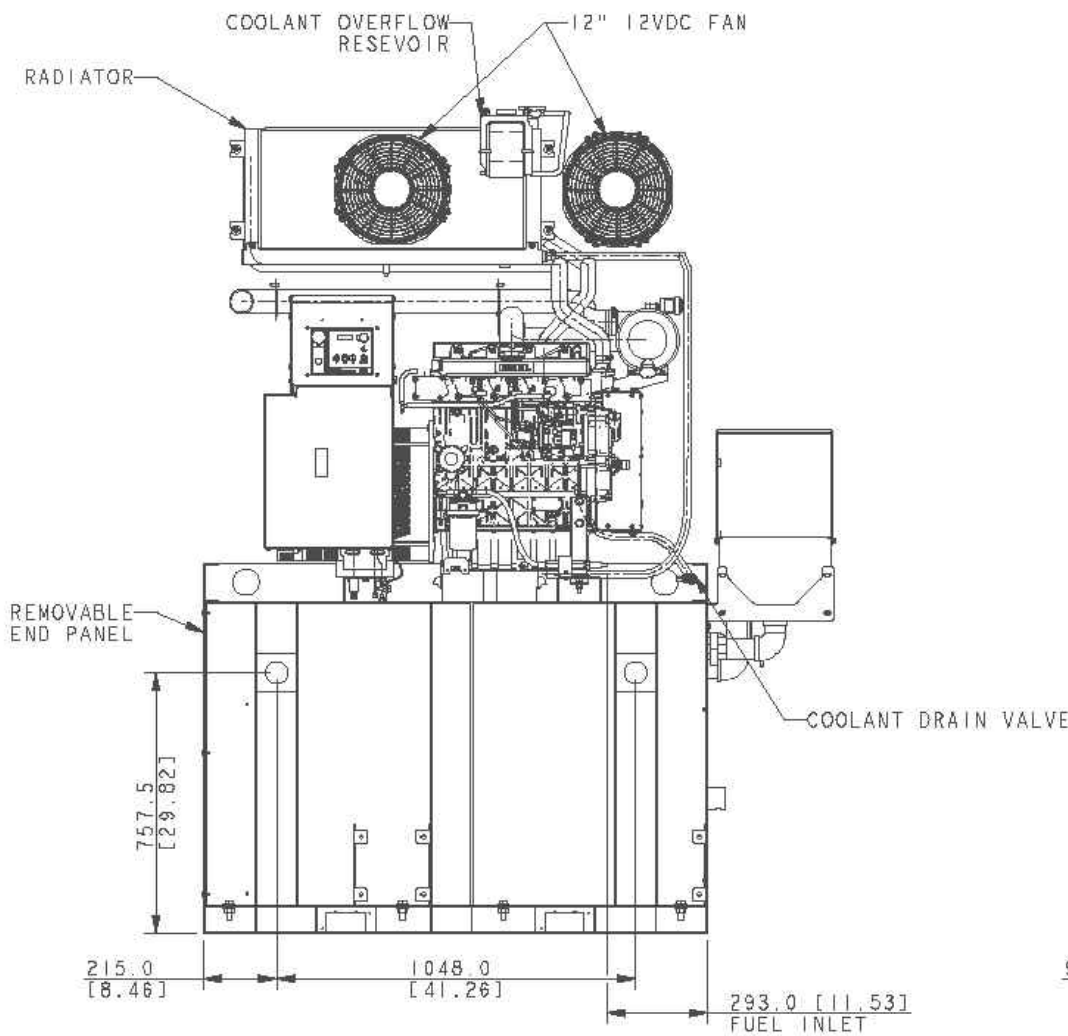
PACKAGE WEIGHT: 1021 KG [2250 LBS]

**20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK**

| REV | DATE | ON COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|---------------|---------|--|-----|---|
| - | 2-13-17 | NEW DRAWING [CT172844] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: F 11 ± 0.25 F 12 ± 0.5 F 13 ± 1.0 SURFACE FINISH ANGLES ± 1°30' MAX. |
| | | | | KOHLER KOHLENER, WIRTSCHAFTSMASCHINEN GEBÄUDE THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. |
| | | | | TITLE: DIMENSION PRINT, 20KW STATE TANK, ENCL |
| APPROVALS | | DATE | | SCALE: 0.40 CAD NO. |
| DRAWN: ZJS | | 2-13-17 | | SHEET 1 of 3 |
| CHECKED: BLM | | 2-13-17 | | DWG. NO. ADV-9003 |
| APPROVED: BLM | | 2-13-17 | | D |



- TANK FITTINGS:**
- A. 3" NPT EMERGENCY VENT FITTING PER NFPA 30 WITH VENT CAPS (QTY 2).
 - B. 4" NPT FUEL FILL FITTING BUSHED TO 2" NPT WITH LOCKABLE FILL CAP AND 2" RISER
 - C. 2" NPT FUEL LEVEL SENDING UNIT.
 - D. 2" NPT NORMAL VENT FITTING WITH MUSHROOM VENT CAP AND 15" RISER.
 - E. 1/2" NPT FITTING FOR REMOVABLE ENGINE SUPPLY DIP TUBE (3/8" NPT FEMALE) WITH CHECK VALVE.
 - F. 1/2" NPT FITTING FOR REMOVABLE FUEL RETURN DIP TUBE (3/8" NPT FEMALE).
 - G. 2" NPT WATER TIGHT FUEL FILL FITTING W/ LOCKABLE CAP AND 3" RISER
 - H. 2" NPT FITTING FOR OPTIONAL ACCESSORY (INSTALL 2"NPT PIPE PLUG)
 - J. 2" NPT FITTING FOR HIGH LEVEL SWITCH
 - N. 2" NPT FOR FUEL IN BASIN SWITCH
 - P. 2" NPT FITTING FOR OPTIONAL SWITCH (INSTALL 2"NPT PIPE PLUG)



NOTE: FOR FURTHER TANK DETAIL SEE INDIVIDUAL DRAWINGS

| REV | DATE | OR COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|-----------|---------|--|-----|--|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: F. 3 ± 0.25 SURFACE FINISH F. 3 ± 1.0 MAX. ANGLES ± 1°30' |
| APPROVALS | | | | DATE |
| DESIGN | ZJS | 2-13-17 | | |
| CHECKED | BLM | 2-13-17 | | |
| APPROVED | BLM | 2-13-17 | | |

**20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK**

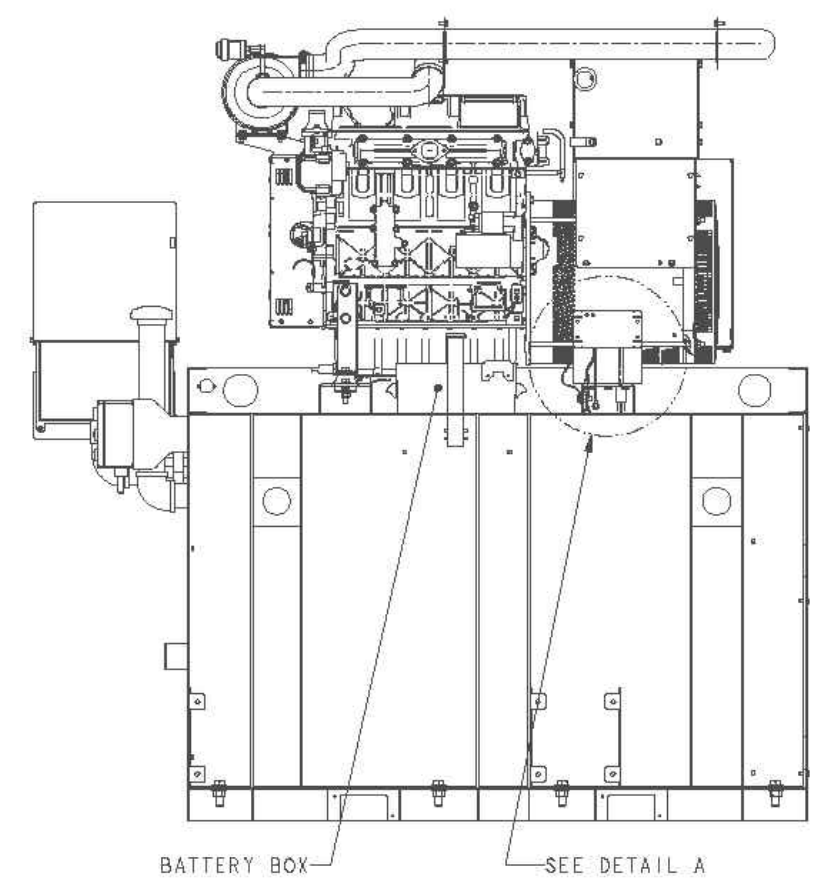
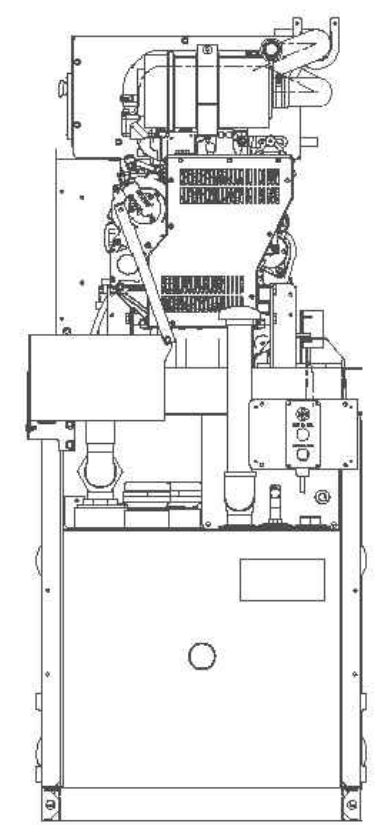
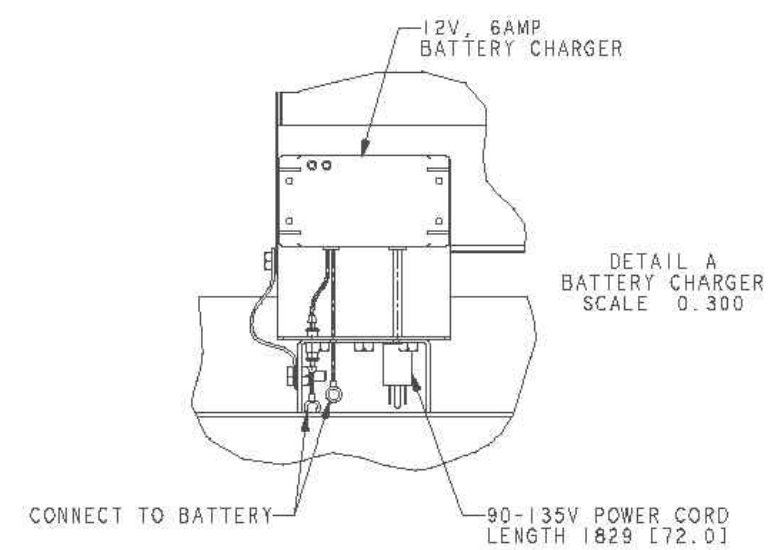
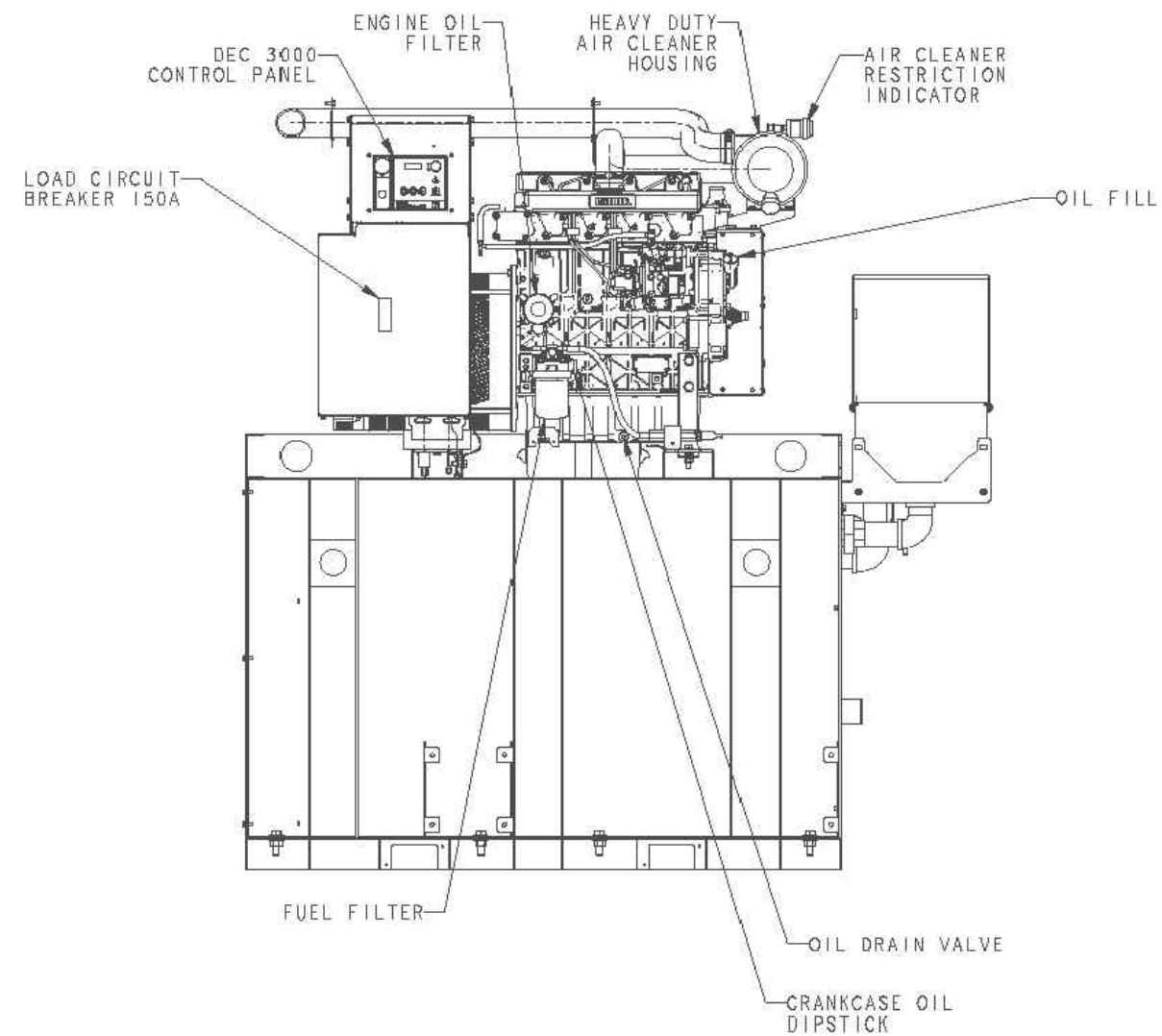
KOHLER
KOHLEK, WISCONSIN 53004
THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.

TITLE
DIMENSION PRINT, 20KW
STATE TANK, ENCL

SCALE 0.15 CAD NO. SHEET 2 of 3
ADV-9003

NOTE:
THIS GENERATOR SET HAS FRONT ACCESSIBILITY TO ALL ROUTINELY SERVICED COMPONENTS INCLUDING:
1. AIR FILTER
2. OIL FILTER / FILL
3. FUEL FILTER
4. OIL DRAIN
5. COOLANT DRAIN

*COOLING SYSTEM NOT SHOWN THESE VIEWS



20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK

| REV | DATE | OR COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|-----|---------|--|-----|---|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: L: ± 0.25 F: ± 0.10 A: ± 1.00 ANGLES: 1° 30' MAX. SURFACE FINISH: 1000 AVERAGE APPROVALS: [Signature] DATE: 2-13-17 DRAWN: ZJS 2-13-17 CHECKED: ZJS 2-13-17 APPROVED: BLM 2-13-17 |
| | | | | <p>KOHLER KOHLER, WISCONSIN 63044 THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.</p> <p>TITLE: DIMENSION PRINT, 20KW STATE TANK, ENCL SCALE: 0.12 SHEET 3 of 3 ADV-9003</p> |

City of Gluckstadt

Application for Site Plan Review

Subject Property Address: 130 American Way, Gluckstadt, MS

Parcel #: 082I-29-010/07.00

Owner: Paul Harmon

Address: 130 American Way
Madison, MS 39110

Phone #: (205) 250-8353

E-Mail: n/a

Current Zoning District: G2 I-2

Acreage of Property (If applicable): _____

Use sought of Property: telecommunications facility & supporting equipment

Applicant: New Cellular Wireless PCS, LLC db/a AT&T
c/o Baker Donelson

Address: 1901 6th Ave N, Ste 2600
Birmingham, AZ 35203

Phone #: (205) 568-6317

E-Mail: mpalmer@bakerdonelson.com

Requirements of Applicant:

1. Copy of written legal description.
2. Site Plan as required in Sections 807-810 of City of Gluckstadt Zoning Ordinance
3. Color Rendering & Elevations at time of submittal

Requirements for Site Plan Submittal (Refer to Section 807, Gluckstadt Zoning Ordinance)

Nine (9) copies of the site plan shall be prepared and submitted to the Zoning Administrator. Digital copies are acceptable. Three (3) hard copies are required.

Site Plan Specifications (Section 809, Zoning Ordinance)

- A. Lot Lines (property lines)
- B. Zoning of the adjacent lots
- C. The names of owners of adjacent lots
- D. Rights of way existing and proposed streets, including streets shown on the adopted Throughfares plan
- E. Access ways, curb cuts, driveways, and parking, including number of parking spaces to be provided
- F. All existing and proposed easements
- G. All existing and proposed water and sewer lines. Also, the location of all existing and proposed fire hydrants.
- H. Drainage plan showing existing and proposed storm drainage facilities. The drainage plan shall indicate adjacent off site drainage courses and projected storm water flow rates from off-site and on-site sources.

- I. Contours at vertical intervals of five (5) feet or less.
- J. Floodplain designation, according to FEMA Maps.
- K. Landscaped areas and planting screens.
- L. Building lines and the locations of all structures, existing and proposed
- M. Proposed uses of the land and buildings, if known
- N. Open space and recreation areas, where required.
- O. Area in square feet, and/or square acres of parcel
- P. Proposed gross lot coverage in square feet
- Q. Number and type of dwelling units where proposed
- R. Location of sign structures and drawings. (Section 701)
- S. Location of garbage dumpster and enclosure. (Section 406.06)
- T. Any other data necessary to allow for a through evaluation of the proposed use, including a traffic study.

Applicant shall be present at the monthly meeting of the Planning and Zoning Commission when site plan is on the agenda for consideration; additionally, applicant shall be present at the Mayor and Board of Alderman meeting when the site plan is on the agenda for final approval.

Applicant is responsible for complying with all applicable requirements of the Gluckstadt Zoning Ordinance.

Site Plans shall be submitted by the 5:00 pm on the 5th day of the month, immediately preceding the next regular meeting of the Planning and Zoning Commission. No Exceptions.

Once submitted to the Planning & Zoning Administrator for approval to add to the Planning and Zoning Commission's agenda, no amendments or changes shall be made to the site plan. If you wish to submit changes, you will be required to resubmit by the 5th of the following month for the next monthly meeting of the Planning and Zoning Commission.

Attestation: *By signing this application, the applicant agrees to all the terms and conditions laid out in this document. Approval of site plan is subject to Board approval.*

Nancy S. Palmer
Applicant Signature

9/18/2023
Date

CITY OF GLUCKSTADT BUILDING DEPARTMENT
OFFICE USE ONLY

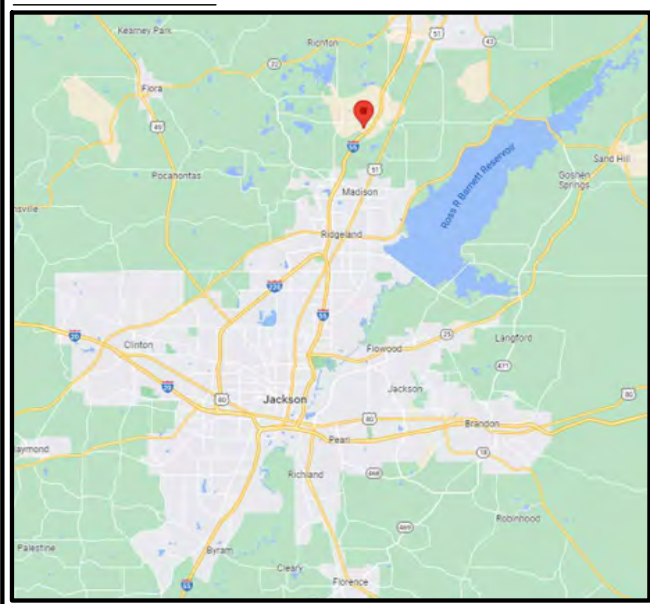
Date Received: _____

Application Complete & Approved to Submit to P&Z Board (please check):

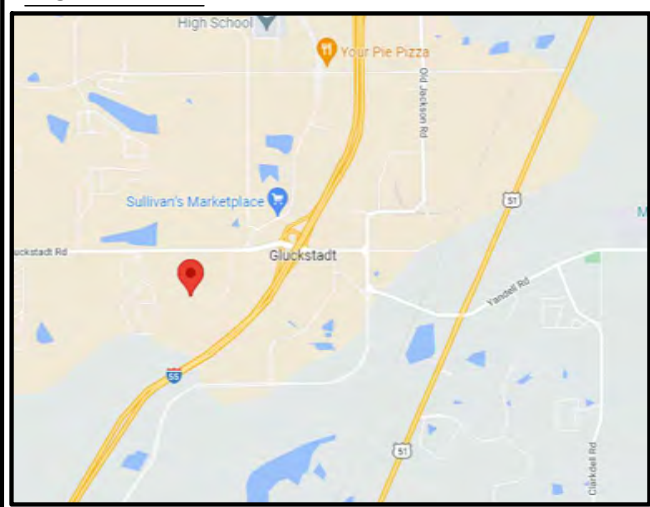
Yes _____ No _____

Signature: _____
Planning & Zoning Administrator (or Authorized Representative)

LOCATION MAP



VICINITY MAP



DRIVING DIRECTIONS

DIRECTIONS FROM JACKSON, MS:
GET ON I-55 N FROM E PASCAGOULA ST. FOLLOW I-55 N TO MADISON COUNTY. TAKE EXIT 112 FROM I-55 N CONTINUE ON GLUCKSTADT RD. USE ANY LANE TO TURN LEFT ONTO GLUCKSTADT RD. TURN LEFT ONTO LEXINGTON DR

| DEPARTMENT | NAME/SIGNATURE | DATE |
|-------------------------|----------------|------|
| LAND/TOWER OWNER | | |
| SITE ACQU. AGENT | | |
| ZONING/PERMITTING AGENT | | |
| A&E MANAGER | | |
| CONSTRUCTION MANAGER | | |
| RF MANAGER | | |

PTN #:

| | |
|-----------------|------------|
| ORACLE PTN # 1: | 2701A17HMF |
| ORACLE PTN # 2: | 2701A17HMJ |
| ORACLE PTN # 3: | 2701A0QCSS |
| ORACLE PTN # 4: | 2701A0QCXY |
| ORACLE PTN # 5: | 2701A0QCNR |
| ORACLE PTN # 6: | 2701A0KWCD |
| ORACLE PTN # 7: | 2701A0QCTT |

PACE:

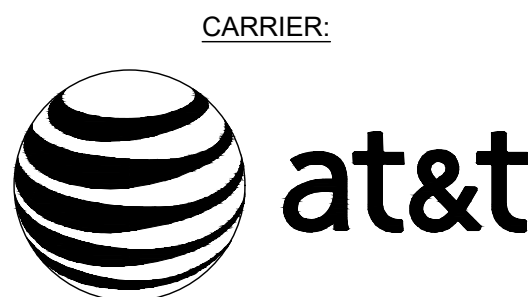
| | |
|---------------|-------------|
| PACE JOB # 1: | MRBH037444 |
| PACE JOB # 2: | MRBH037433 |
| PACE JOB # 3: | MRALM039939 |
| PACE JOB # 4: | MRALM039945 |
| PACE JOB # 5: | MRALM039941 |
| PACE JOB # 6: | MRALM034004 |
| PACE JOB # 7: | MRALM039959 |

SITE NAME:
SOUTH GLUCKSTADT

AT&T SITE NUMBER:
14772332

PROJECT DESCRIPTION:
PROPOSED 175' MONOPOLE TOWER
RFDS VERSION
v 3.00 (DATED 11/10/2023)

USID SITE NUMBER: **320865** RFDS ID: **5510674** RFDS NAME: **MSL01372**
WALK-UP-CABINET (WUC) ON CONCRETE PAD CONSTRUCTION DRAWINGS



PER THE PROVIDED MONOPOLE TOWER DRAWINGS DRAWN BY SABRE INDUSTRIES, DATED 10/11/2023; SMW ENGINEERING CANNOT SEE ANY CONFLICTS BETWEEN THE TOWER DESIGN 175' AND THE PROPOSED LOCATION OF THE MOUNTS 170'.

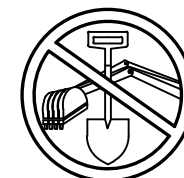
NOTE: PLEASE NOTE THAT ALL AREAS OF DISTURBANCE (ACCESS AND COMPOUND) ARE TO BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FINDINGS. COMPACTION REPORTS ARE TO BE TAKEN AT 50' INTERVALS ALONG THE ACCESS DRIVE (MINIMUM OF TWO), AT EACH CORNER OF COMPOUND & CENTER OF COMPOUND AND AT EVERY TWO (2) FOOT OF FILL ELEVATION. ANY UNSUITABLE MATERIAL ENCOUNTERED ON SITE SHOULD BE REMOVED AND REPLACED (IN ACCORDANCE WITH GEOTECHNICAL REPORT). CONTRACTOR TO SUBMIT COMPACTION REPORTS PRIOR TO ANY ADDITIONAL CONSTRUCTION.

PROJECT INFORMATION

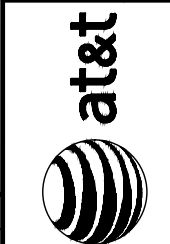
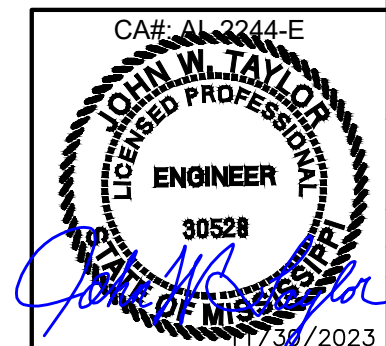
SITE ADDRESS: 130 AMERICAN WAY
MADISON, MS 39110
LATITUDE (NAD 83): N 32° 30' 48.075" (32.513354°)
LONGITUDE (NAD 83): W 90° 06' 42.669" (-90.111852°)
PARCEL ID: 0821-29-010/07.00
PARCEL SIZE: 1,600 SQ FT (0.04± ACRES)
ZONING: I-2
JURISDICTION: CITY OF GLUCKSTADT
PROPERTY OWNER: HARMON QUALITY BUILDERS LLC
APPLICANT: FORESITE
3975 ASBURY ROAD
VESTAVIA HILLS, AL 35243
MATT SWANN
ENGINEER: JOHN TAYLOR, PE
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
POWER: ENTERGY
TELCO: AT&T

DRAWING INDEX

| T-1 | TITLE SHEET & PROJECT INFORMATION |
|----------------|---|
| - | SURVEY |
| C-1 | GENERAL NOTES |
| C-2 TO C-2.02 | OVERALL SITE PLAN |
| C-3 | DETAILED SITE PLAN |
| C-3.1 | ENLARGED WUC PLAN |
| C-4 | TOWER ELEVATION & DETAILS |
| C-4.01 | ANTENNA LAYOUT AND SCHEDULE |
| C-4.02 | CROSSOVER PIPE DETAIL |
| C-4.1 | SECTOR MOUNT DETAILS |
| C-4.2 | RF PLUMBING RISER DIAGRAM |
| C-4.3 | RRUS AND SQUID MOUNTING DETAILS |
| C-5 TO C-5.02 | GRADING, SEDIMENT & EROSION CONTROL PLAN |
| C-5.1 TO C-5.5 | ACCESS ROAD PROFILE SHEET |
| C-6 | GRADING, SEDIMENT & EROSION CONTROL DETAILS |
| C-6.1 | GRADING, SEDIMENT & EROSION CONTROL DETAILS |
| C-7 | GRADING, SEDIMENT & EROSION CONTROL VEG. SPECS |
| C-8 | SITE SIGNAGE |
| C-9 | FENCE & ICE BRIDGE DETAILS |
| C-10 | AT&T WUC DETAILS |
| C-10.1 | AT&T WUC DETAILS |
| C-11 | WUC FOUNDATION |
| E-1 | ELECTRICAL SPECS & ONE-LINE DIAGRAM (METER PANEL) |
| E-1.1 | ELECTRICAL ONE-LINE |
| E-2 | UTILITY SITE PLAN |
| E-2.1 | OVERALL UTILITY SITE PLANS |
| E-3 | GROUNDING SITE PLAN |
| E-4 | GROUNDING DETAILS |
| E-5 | UTILITY H-FRAME DETAILS |
| LS-1 | LANDSCAPING PLAN |
| LS-2 | LANDSCAPING DETAILS |
| - | ATTACHMENTS |
| - | RFDS |



ALABAMA ONE-CALL
STATE WIDE CALL: 811
CALL BEFORE YOU DIG

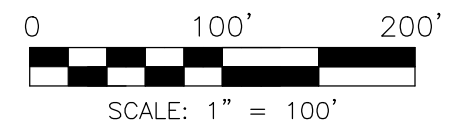


| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|----------|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|
| DATE | DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS |
| 01/26/23 | | | | | |
| 07/24/23 | | | | | |
| 08/15/23 | | | | | |
| 11/16/23 | | | | | |
| 11/30/23 | | | | | |

SOUTH GLUCKSTADT
TITLE SHEET & PROJECT INFORMATION

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

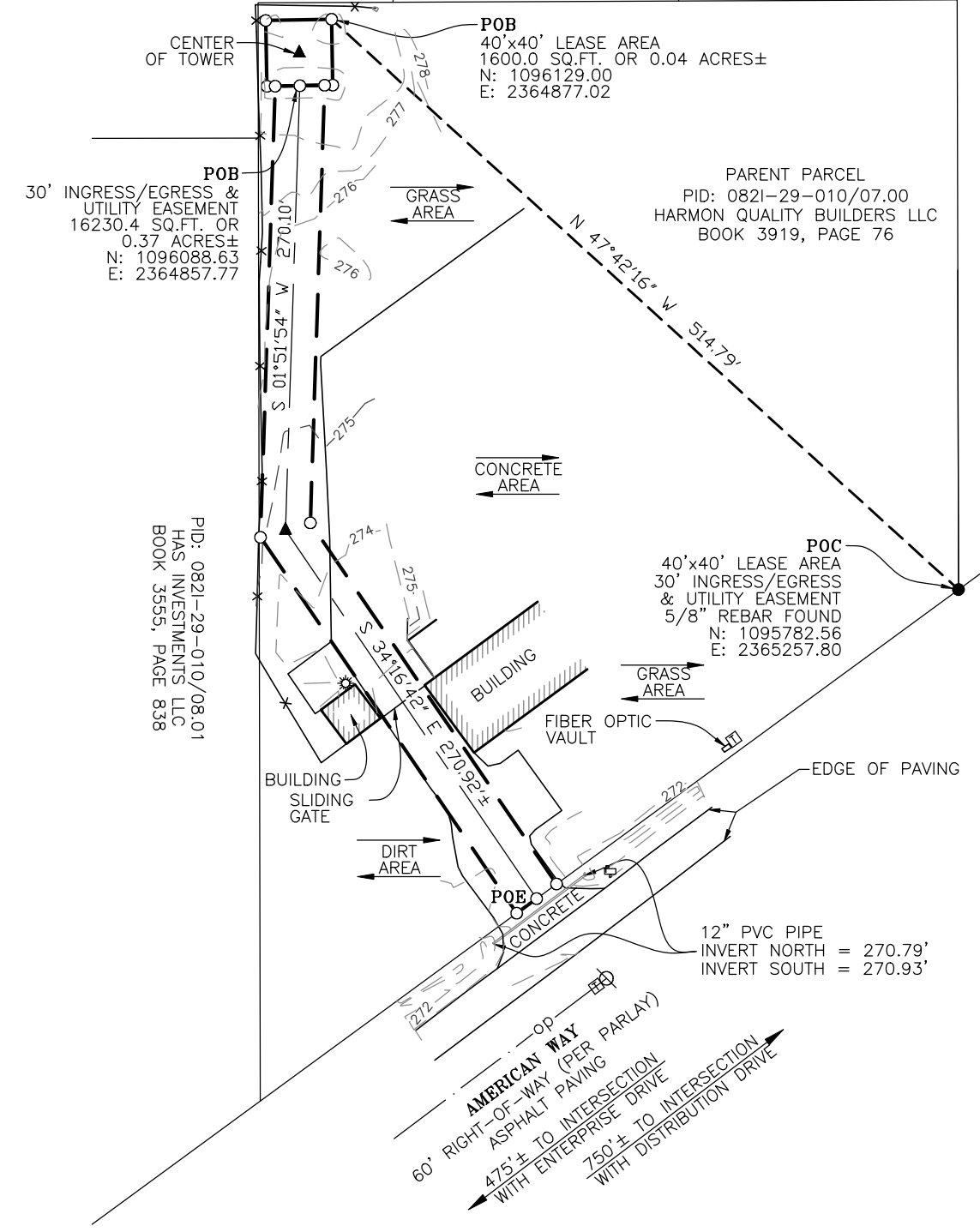
T-1 2



PID: 0821-29-010/13.00
 PHARMACY GROUP OF
 MISSISSIPPI LLC
 BOOK 3114, PAGE 511

PID: 0821-29-011/01.00
 SABINO DEVELOPMENT LLC
 BOOK 2030, PAGE 909

PID: 0821-29-011/02.00
 J & D LLC
 BOOK 2319, PAGE 821

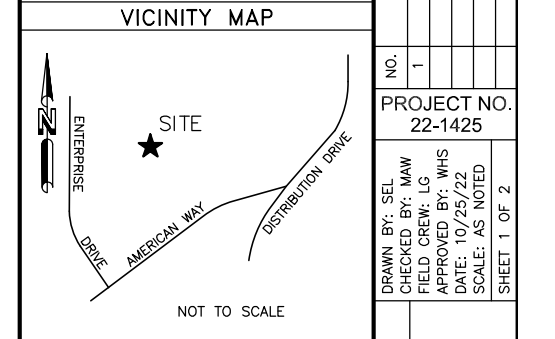


William H. Sommerville, III
 William H. Sommerville, III
 Mississippi License No. 02859



09/01/23

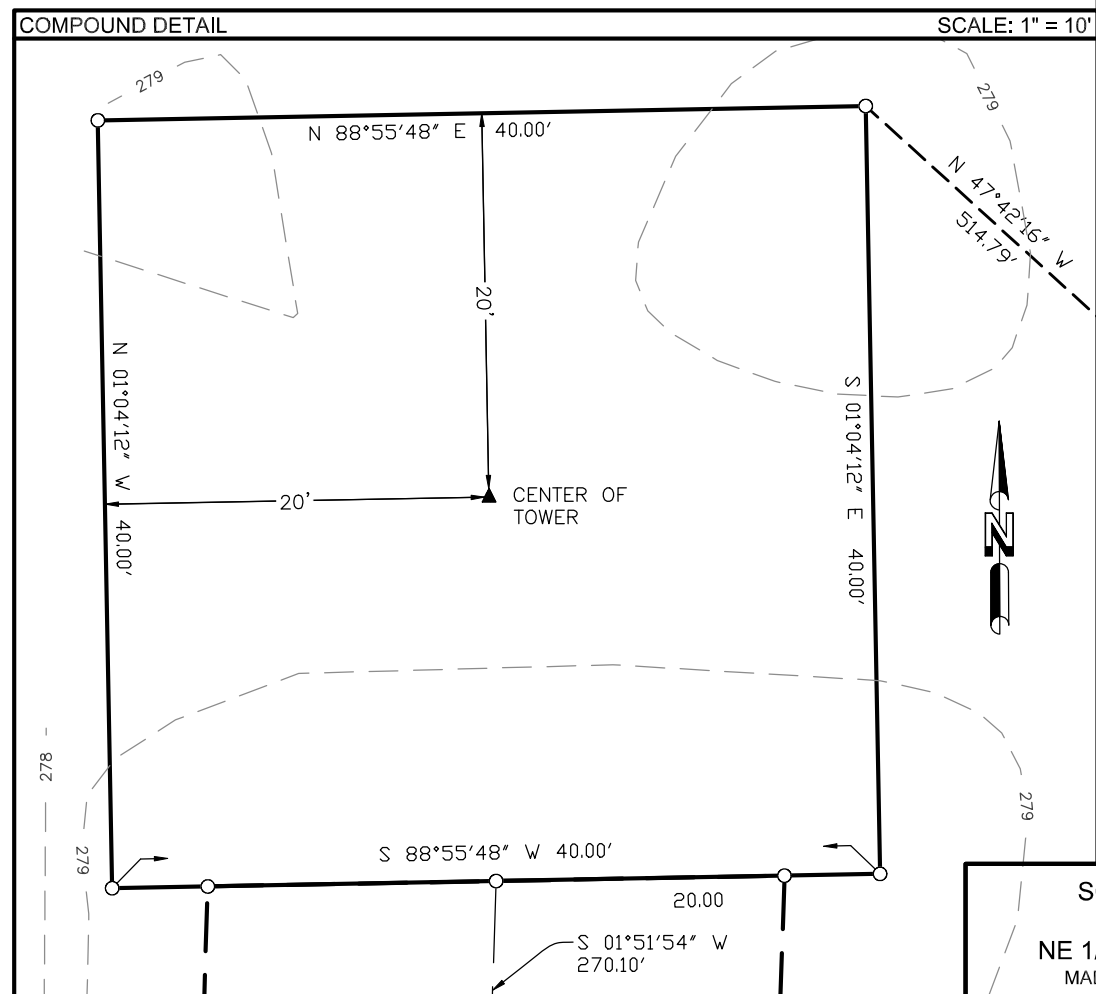
| TOWER INFO | |
|--|------------------------|
| CENTER OF TOWER: | |
| LATITUDE: 32°30'48.075" NORTH | |
| LONGITUDE: 90°06'42.669" WEST (NAD 83) | |
| GROUND ELEVATION: 279' ABOVE MEAN SEA LEVEL (NAVD88) | |
| DATE | REVISION |
| 11-18-2 | ADDED TITLE EXCEPTIONS |
| 1 | |



| MISSISSIPPI WEST | |
|--|--|
| GRID NORTH | |
| GRID TO TRUE NORTH CONVERGENCE 0°07'08.56390" | |
| TRUE NORTH TO MAGNETIC DECLINATION 1°26' W | |
| COMBINED SCALE FACTOR 0.999955338 | |

| LEGEND | |
|--------|-------------------------|
| ○ | = 5/8" REBAR SET |
| ● | = FOUND PROPERTY MARKER |
| POB | = POINT OF BEGINNING |
| POC | = POINT OF COMMENCEMENT |
| POE | = POINT OF ENDING |
| ▲ | = CALCULATED POINT |
| ⊙ | = POWER POLE |
| + | = GUY ANCHOR |
| ⊞ | = POWER BOX |
| ⊞ | = TELEPHONE PEDESTAL |
| ☼ | = LIGHT POLE |
| ⊞ | = MAILBOX |
| --- | = RIGHT-OF-WAY |
| -o- | = OVERHEAD POWER |

FLOOD NOTE
 By graphic plotting only, the subject property appears to lie in Zone "X" of the Flood Insurance Rate Map Community Panel No. 28089C0415F, which bears an effective date of March 17, 2010 and IS NOT in a special flood hazard area.
 Zone "X": Areas determined to be outside the 0.2% annual chance floodplain.



SOUTH GLUCKSTADT
 14772332
 NE 1/4, SEC. 29, T-8-N, R-2-E
 MADISON COUNTY, MISSISSIPPI

RAWLAND TOWER SURVEY

FORESITE
 3875 ASBURY ROAD
 VESTAVIA HILLS, AL 35243

SMW Engineering Group, Inc.
 158 Business Center Drive
 Birmingham, Alabama 35244
 Ph: 205-252-6985
 www.smweng.com

SMW ENGINEERING GROUP, INC.

SURVEYOR'S NOTES

1. This is Rawland Tower Survey, made on the ground under the supervision of a Mississippi Registered Land Surveyor. Date of field survey is September 29, 2022.
2. The following surveying instruments were used at time of field visit: Topcon GM-55 and Topcon Hiper SR G.P.S. receiver, (R.T.K. network capable).
3. Bearings are based on Mississippi West State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a GPS Continuously Operating Reference Station, PID CP0202. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Rawland Tower Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted with the benefit of an Abstract Title search.
9. Surveyor hereby states the Geodetic Coordinates and the elevation shown for the proposed centerline of the tower are accurate to within +/- 20 feet horizontally and to within +/- 3 feet vertically (FAA Accuracy Code 1A).
10. Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Class "A" Survey.
11. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1":15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted.
12. This survey is not valid without the original signature and the original seal of a state licensed surveyor.
13. This survey does not constitute a boundary survey of the Parent Tract. Any parent tract property lines shown hereon are from supplied information and may not be field verified.

SURVEYOR'S CERTIFICATION

I certify that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Mississippi to the best of my knowledge, information, and belief.



William H. Sommerville, III
Mississippi License No. 02859



09/01/23

PARENT TRACT (BOOK 3919, PAGE 76)

Being situated in the East 1/2 of Section 29, Township 8 North, Range 2 East, Madison County, Mississippi, and being more particularly described as follows:
Commence at the Northeast corner of the Northwest 1/4 of the Northeast 1/4 of aforesaid Section 29 and run thence South 0 degrees 07 minutes East along the line between the East 1/2 and the West 1/2 of the East 1/2 of the aforesaid Section 29, 1298.20 feet and the Southeast corner of the Schmidt property and the Point of Beginning for the property herein described; continue thence South 0 degrees 07 minutes East along the line between the East 1/2 and the West 1/2 of said Section 29, 358.23 feet; run thence South 53 degrees 46 minutes 08 seconds West, 525.78 feet; run thence North 0 degrees 07 minutes West, 667.26 feet; run thence North 89 degrees 45 minutes 58 seconds East, along the South boundary of the aforesaid Schmidt property and the Westerly projection thereof, 424.77 feet to the Point of Beginning; containing 5.0 acres, more or less.

40' x 40' LEASE AREA (AS SURVEYED):

A tract of land being a portion of the Northeast 1/4 of Section 29, Township 8 North, Range 2 East, Madison County Mississippi, described as follows:
Commencing at a found 5/8 inch rebar having Mississippi West State Plane Coordinates N: 1095782.56 E: 2365257.80; thence N 47°42'16" W, 514.79 feet to a set 5/8 inch rebar and the Point of Beginning; thence S 01°04'12"E, 40.00 feet to a set 5/8 inch rebar; thence S 88°55'48"W, 40.00 feet to a set 5/8 inch rebar; thence N 01°04'12"W, 40.00 feet to a set 5/8 inch rebar; thence N 88°55'48"E, 40.00 feet to the Point of Beginning.
Containing 1600.0 SQ.FT or 0.04 acres, more or less.

30' INGRESS/EGRESS & UTILITY EASEMENT (AS SURVEYED)

A tract of land being a portion of the Northeast 1/4 of Section 29, Township 8 North, Range 2 East, Madison County Mississippi, described as follows:
Commencing at a found 5/8 inch rebar having Mississippi West State Plane Coordinates N: 1095782.56 E: 2365257.80; thence N 47°42'16"W, 514.79 feet to a set 5/8 inch rebar; thence S 01°04'12"E, 40.00 feet to a set 5/8 inch rebar; thence S 88°55'48"W, 20.00 feet the Point of Beginning of an Ingress/Egress & Utility easement being 30 feet in width and lying 15 feet on each side of the following described centerline; thence S 01°51'54"W, 270.10 feet to a point; thence S 34°16'42"E, 270.92 feet, more or less to the north right-of-way of American Way and the Point of Ending.
Containing 16230.4 SQ.FT. or 0.37 acres, more or less.

PLOTTABLE EXCEPTIONS

Chicago Title Insurance Company
Commitment for Title Insurance Commitment No. 25181801
Date October 25, 2022 @ 8:00 AM
Schedule B, Part II

| Exception No. | Instrument | Comment |
|---------------|---|---|
| 1-9 | | Standard exceptions. Contain no survey matters. |
| 10 | Right-of-Way to Mississippi Power & Light Company, Book 323, Page 330 | Does not affect Parent tract. |
| 11 | Matters on survey prepared by Robert M, Case, Book 323, Page 300 | Does not affect Parent tract. |

Section 10, Item C)

| | |
|------------------------|---------|
| DATE | 11-18-2 |
| REVISION | |
| ADDED TITLE EXCEPTIONS | |
| NO. | 1 |
| PROJECT NO. | 22-1425 |
| DRAWN BY: SEL | |
| CHECKED BY: MAW | |
| FIELD CREW: LG | |
| APPROVED BY: WHS | |
| DATE: 10/25/22 | |
| SCALE: N.T.S. | |
| SHEET 2 OF 2 | |

RAWLAND TOWER SURVEY
FOR:
FORESITE
3875 ASBURY ROAD
VESTALIA HILLS, AL 35243

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, Alabama 35244
Ph: 205-252-6985
www.smweng.com



SOUTH GLUCKSTADT
14772332
NE 1/4, SEC. 29, T-8-N, R-2-E
MADISON COUNTY, MISSISSIPPI

GENERAL NOTES:

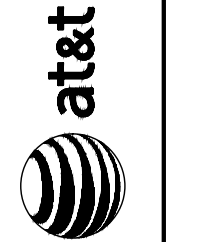
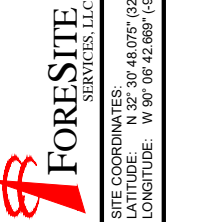
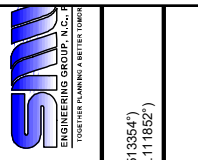
1. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTIONS PRACTICES.
2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL ORDERS,
3. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.
4. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
5. SITE GROUNDING SHALL COMPLY WITH TOWER OWNER GROUNDING STANDARDS, LATEST EDITION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF THE TOWER
6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
8. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
10. CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.
11. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS AND TOWER DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
12. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
14. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
15. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
16. SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.
17. FOR ITEM THAT SHALL BE PROVIDED BY THE OWNER & INSTALLED BY THE CONTRACTOR, SEE "OWNER SUPPLIED MATERIAL LIST" INSERTED IN THIS DRAWINGS PACKAGE.
18. OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES IN SECTIONS, ETC.
19. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETIONS OF THE PROJECT.
20. THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE

EXCAVATION & GRADING NOTES

1. ALL CUT & FILL SLOPES SHALL BE 3:1 MAXIMUM (UNLESS NOTED ON GRADING SHEET)
2. ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
3. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
4. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OF CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
5. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS AND SO FORTH.
6. BACK FILL SHALL BE:
 - APPROVED MATERIALS CONSISTING OF EARTH, LOAMY, SANDY, CLAY SAND, GRAVEL OR SOFT SHELL;
 - FREE FROM CLODS OR STONES OVER 2 1/2" MAXIMUM DIMENSIONS;
 - IN LAYERS AND COMPACTED
7. SITE FILL MATERIAL AND FOUNDATION BACK FILL SHALL BE PLACED IN LAYERS, MAXIMUM 6" DEEP BEFORE COMPACTION. EACH LAYER SHALL BE SPRINKLED IF REQUIRED AND COMPACTED BY HAND OPERATED OR MACHINE TAMPERS TO 95% OF MAXIMUM DENSITY, AT THE OPTIMUM MOISTURE CONTENT +/-2% AS DETERMINED BY ATM DESIGNATION D-698, UNLESS OTHERWISE APPROVED. SUCH BACK FILL SHALL NOT BE PLACED BEFORE 3 DAYS AFTER PLACEMENT OF CONCRETE.
8. THE FOUNDATION AREA SHALL BE GRADED TO PROVIDE WATER RUNOFF AND PREVENT WATER FROM STANDING. THE FINAL GRADE SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE FOUNDATION AND SHALL THEN BE COVERED WITH 4' DEEP COMPACTED STONE OR GRAVEL.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL CITY, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS AND CHECK DAMS.
10. FILL PREPARATION:
 - REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAT 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
11. REPLACE THE EXISTING WEARING SURFACE ON AREAS WHICH HAVE BEEN DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS. SURFACE SHALL BE REPLACE TO MATCH EXISTING ADJACENT SURFACING AND SHALL BE OF THE SAME THICKNESS. NEW SURFACE SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATERIAL, OF OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL RESURFACING MATERIAL AS REQUIRED. BEFORE SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. SURFACING SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE.
12. PROTECT EXISTING SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAMAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
13. DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED / REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
15. ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
16. RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY, AND FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC.
17. SHOULD ARTIFACTS OR ARCHAEOLOGICAL FEATURES BE ENCOUNTERED DURING PROJECT ACTIVITIES, WORK SHALL CEASE AND OUR OFFICE SHALL BE CONSULTED IMMEDIATELY. ARTIFACTS ARE OBJECTS EBI CONSULTING MADE, USED OR MODIFIED BY HUMANS. THEY INCLUDE BUT ARE NOT EXCLUDED TO ARROWHEADS, BROKEN PIECES OF POTTERY OR GLASS, STONE IMPLEMENTS, METAL FASTENERS OR TOOLS, ETC. ARCHAEOLOGICAL FEATURES ARE STAINS ON THE SOIL THAT INDICATE DISTURBANCE BY HUMAN ACTIVITY. SOME EXAMPLES ARE POST HOLES, BUILDING FOUNDATIONS, TRASH PITS AND EVEN HUMAN BURIALS.

- X — FENCE
- □ — CONTOUR LINE
- - - - - PROPERTY LINE/ROW
- - - - - LEASE AREA
- - - - - EASEMENT
- DISCONNECT SWITCH
- Ⓜ METER
- Ⓢ CIRCUIT BREAKER
- Ⓧ Coded Note Number
- Ⓡ CHEMICAL GROUND ROD
- ⓇⓈ GROUND ROD
- ⓇⓈⓈ GROUND ROD W/ INSPECTION SLEEVE
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- G — GROUND WIRE

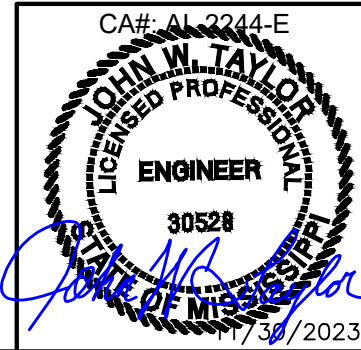
Section 10, Item C)



| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|-----------------------------------|-----|-----|-----|-----|-----|
| ISSUED FOR CLIENT REVIEW | | | | | |
| ISSUED FOR ZONING | | | | | |
| REVISED PER CONCRETE PAD | | | | | |
| REVISED PER TOWER DRAWINGS & RFDS | | | | | |
| REVISED PER JRX COMMENTS | | | | | |

SOUTH GLUCKSTADT
GENERAL NOTES

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



C-1 2

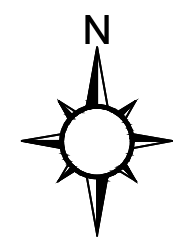


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
OVERALL SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-2.01 | 2 |



ZONING: C-2

ZONING: I-2

PARENT TRACT
 PID: 0821-29-010/07.00
 HARMON QUALITY BUILDERS LLC
 BOOK 3919, PAGE 76

EXISTING LOT LINE CONTINUED FROM C-2

PROPOSED 30' ACCESS UTILITY EASEMENT (SEE SURVEY FOR COMPLETE ACCESS & UTILITY EASEMENT)

PID: 0821-29-010/08.01
 HAS INVESTMENTS, LLC
 BOOK 3555, PAGE 838

EXISTING EDGE OF PAVEMENT

EXISTING BUILDING

EXISTING CHAINLINK FENCE

PROPOSED 12' GRAVEL ROAD (329.9LF±)

CONCRETE AREA

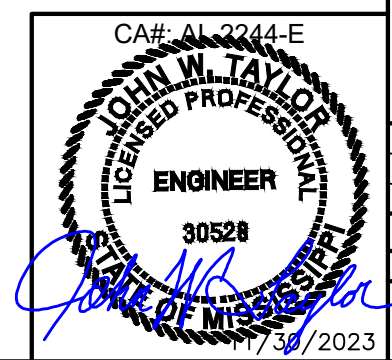
EXISTING BUILDING

EXISTING SLIDING GATE

CONTINUED ON C-2.02

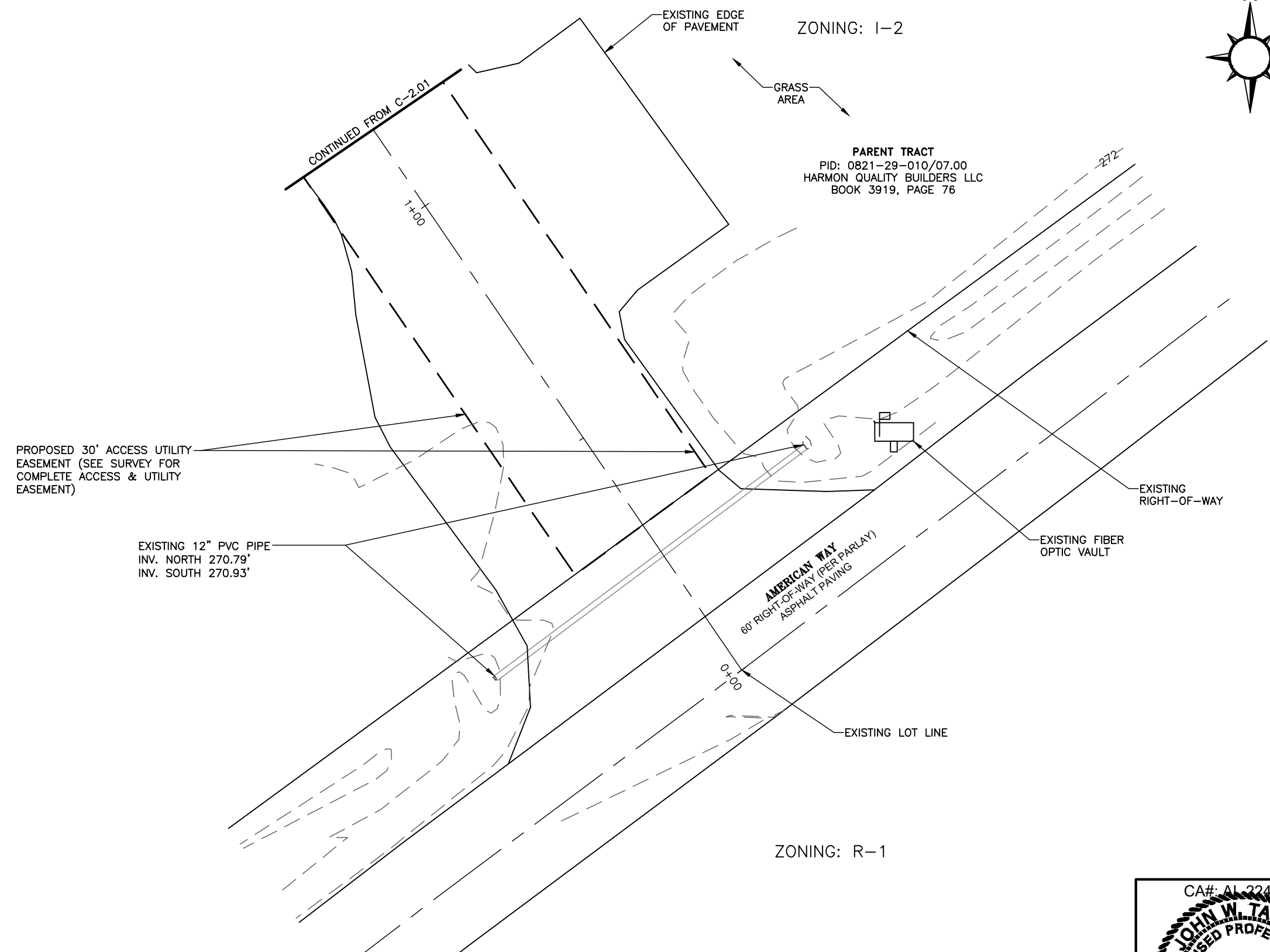
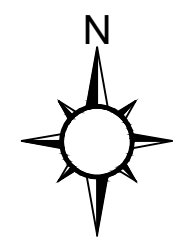
SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1
C-201 OVERALL SITE PLAN
 SCALE: 1"=20'





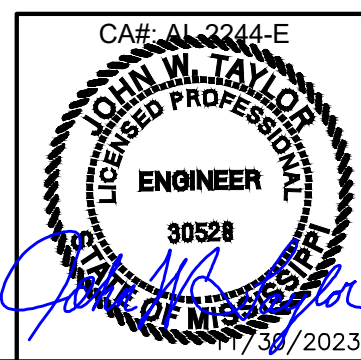
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 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



| DATE | DESCRIPTION | DESIGNER |
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| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

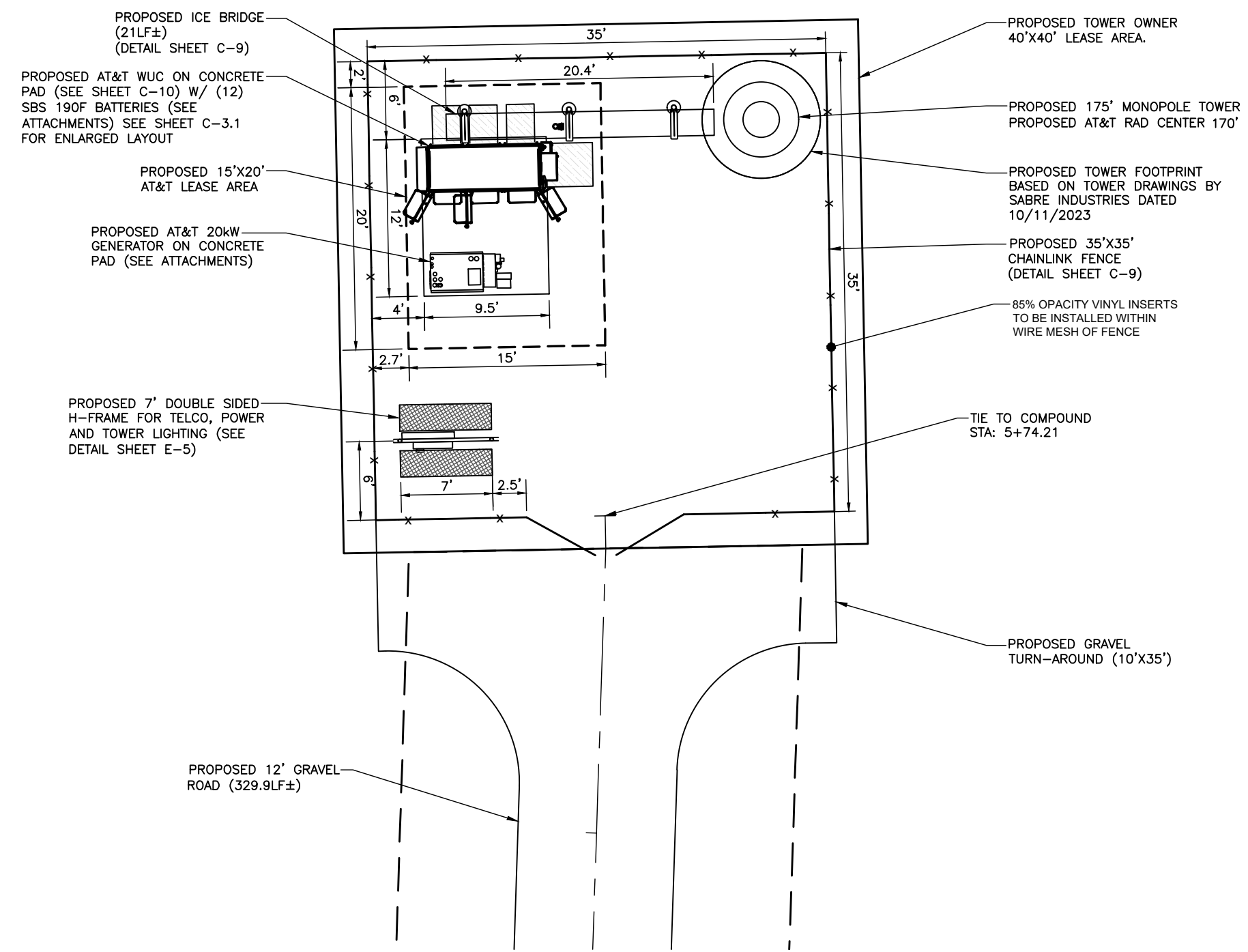
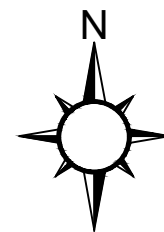
SOUTH GLUCKSTADT
OVERALL SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-2.02 | ? |



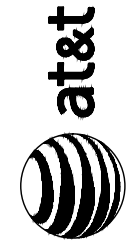
SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1 OVERALL SITE PLAN
 SCALE: 1"=20'



SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1 DETAILED SITE PLAN
SCALE: 1"=10'

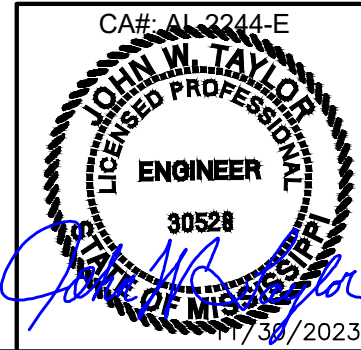


| DESIGNER | ZDS |
|----------|-------|
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| B/J/B | B/J/B |

| DATE | DESCRIPTION |
|----------|-----------------------------------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
DETAILED SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



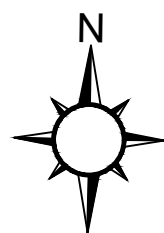
C-3 2



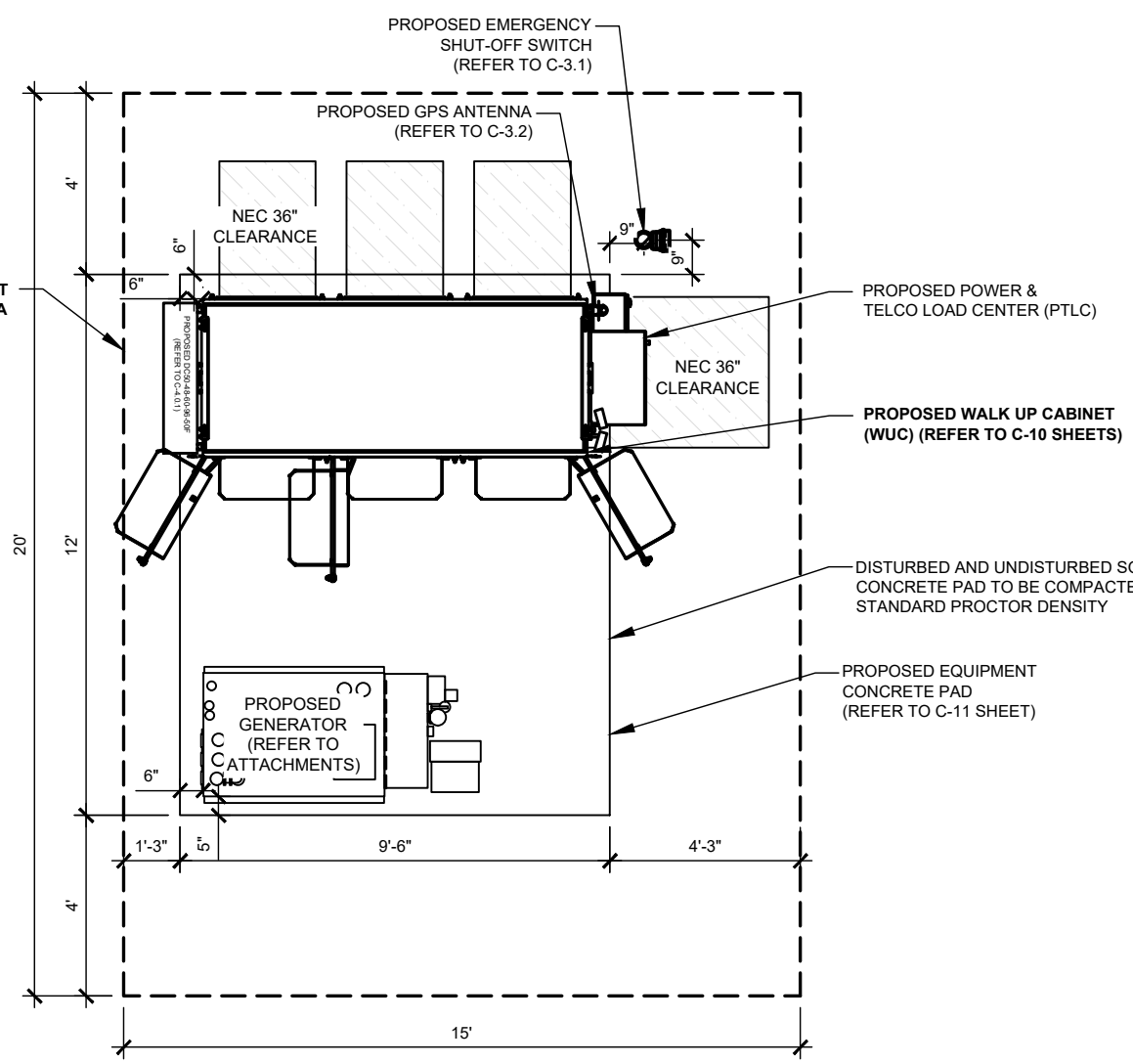
| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
ENLARGED
SHELTER PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



PROPOSED AT&T
15'x20' LEASE AREA



1 WALK-UP CABINET (WUC) LAYOUT
SCALE: NOT TO SCALE

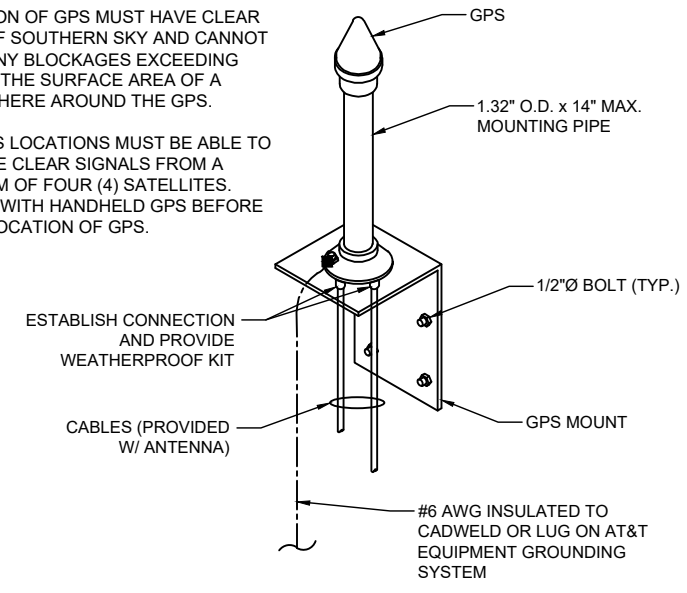
BATTERY SPECIFICATIONS:
ENERSYS POWERSAFE SBS-190F BATTERY 12V 190AH FRONT TERM

QUANTITY: 12
SKU / OSI ITEM NUMBER: SBS-190F
CHEMISTRY: SEALED LEAD ACID
NOMINAL VOLTAGE: 12V
NOMINAL CAPACITY: 190.0AH
TERMINALS: M6
DIMENSIONS (L X W X H): 22.10 X 4.90 X 12.40
WEIGHT (POUNDS): 132.3

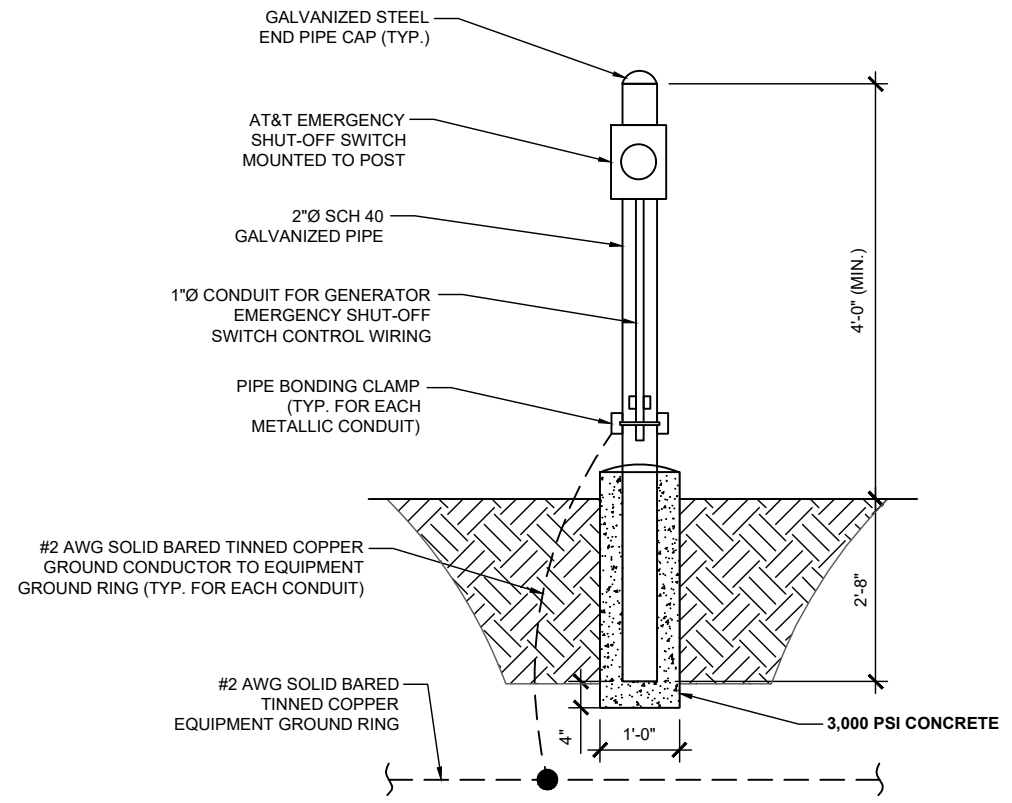
ICE BRIDGE NOTE:
• PRIOR TO CONSTRUCTION FIELD COORDINATE HEIGHT AND ROUTE OF ICE BRIDGE WITH TOWER OWNER
• ALL SUPPORT POSTS MUST BE GROUNDED

NOTES:

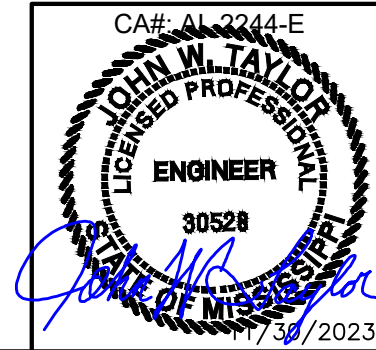
- LOCATION OF GPS MUST HAVE CLEAR VIEW OF SOUTHERN SKY AND CANNOT HAVE ANY BLOCKAGES EXCEEDING 25% OF THE SURFACE AREA OF A HEMISPHERE AROUND THE GPS.
- ALL GPS LOCATIONS MUST BE ABLE TO RECEIVE CLEAR SIGNALS FROM A MINIMUM OF FOUR (4) SATELLITES. VERIFY WITH HANDHELD GPS BEFORE FINAL LOCATION OF GPS.



3 GPS ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE



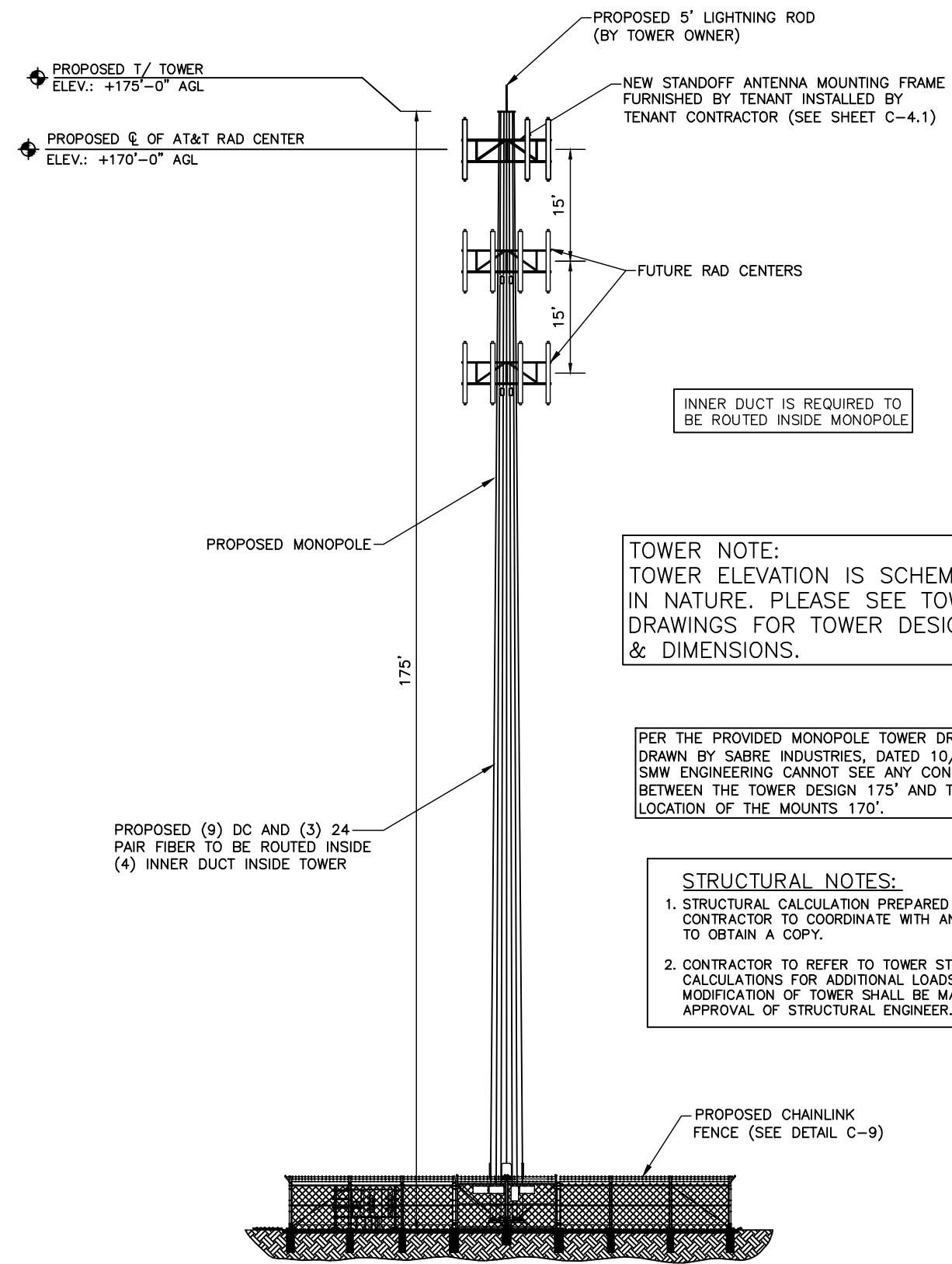
2 EMERGENCY SHUT-OFF SWITCH DETAIL
SCALE: NOT TO SCALE





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

NOTE: SEE SHEET C-4.01 FOR ANTENNA LAYOUT AND NOTES.



INNER DUCT IS REQUIRED TO BE ROUTED INSIDE MONOPOLE

TOWER NOTE:
 TOWER ELEVATION IS SCHEMATIC IN NATURE. PLEASE SEE TOWER DRAWINGS FOR TOWER DESIGN & DIMENSIONS.

PER THE PROVIDED MONOPOLE TOWER DRAWINGS DRAWN BY SABRE INDUSTRIES, DATED 10/11/2023; SMW ENGINEERING CANNOT SEE ANY CONFLICTS BETWEEN THE TOWER DESIGN 175' AND THE PROPOSED LOCATION OF THE MOUNTS 170'.

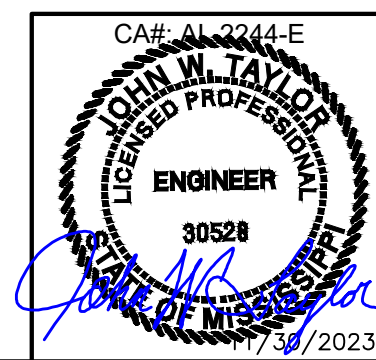
STRUCTURAL NOTES:
 1. STRUCTURAL CALCULATION PREPARED BY OTHERS. CONTRACTOR TO COORDINATE WITH ANB REPRESENTATIVE TO OBTAIN A COPY.
 2. CONTRACTOR TO REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

1 TOWER ELEVATION
 C-4 SCALE: 1" = 20'

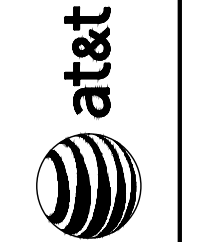
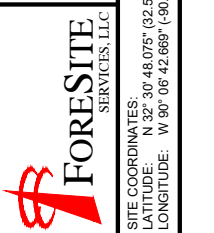
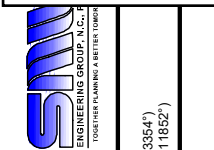
| DATE | DESCRIPTION: | DESIGNER: |
|----------|-----------------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 TOWER ELEVATION
 AND LIGHTING DETAIL

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



C-4



| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
ANTENNA LAYOUT
AND NOTES

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-4.01 |
| REV.: | 2 |

ANTENNA NOTES:

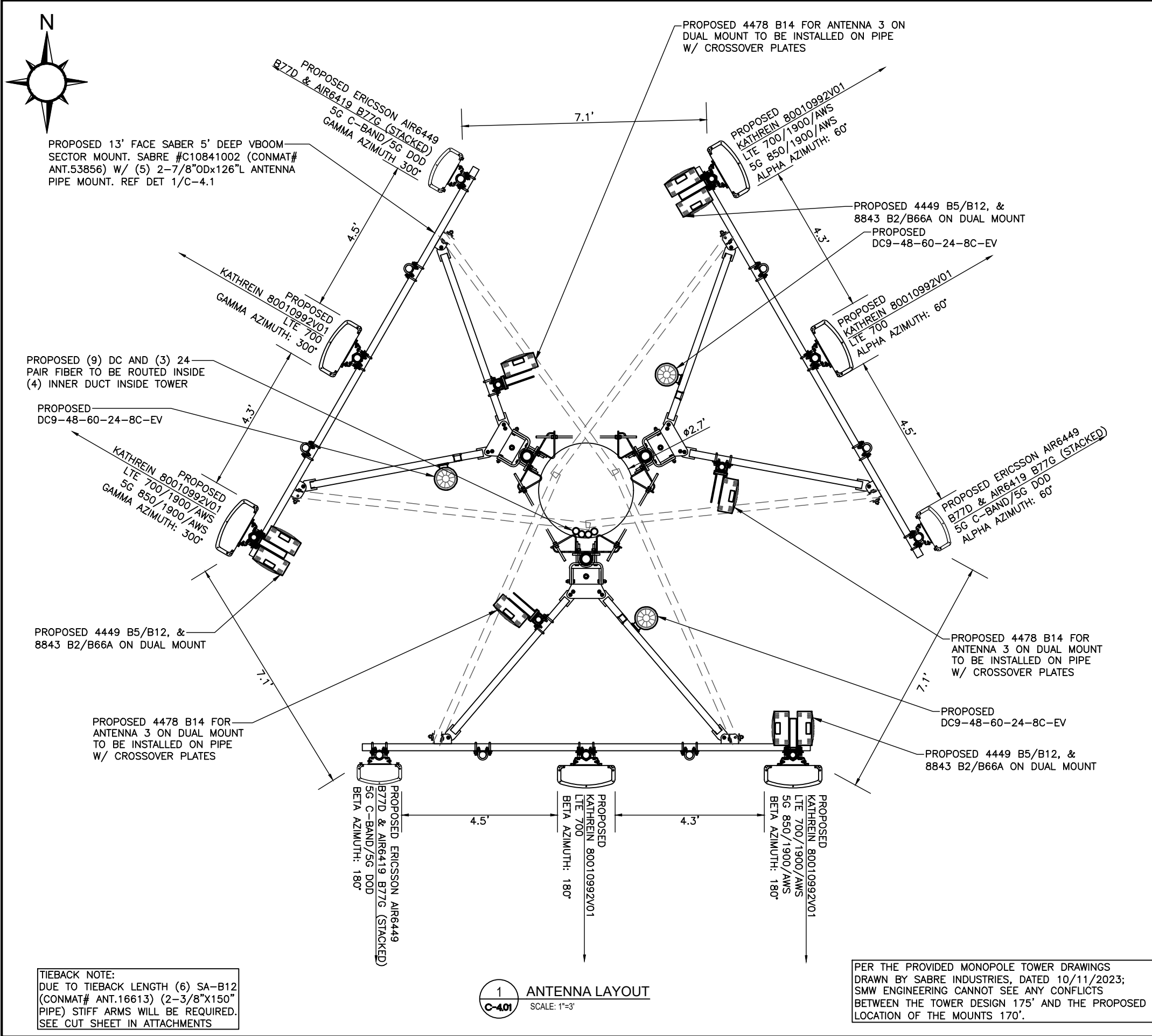
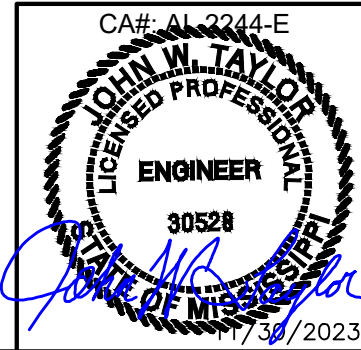
1. THIS ANTENNA ORIENTATION PLAN IS A SCHEMATIC. THE CONTRACTOR SHALL VERIFY TOWER ORIENTATION AND FIELD COORDINATE REQUIRED ADJUSTMENTS TO ACHIEVE THE DESIRED ANTENNA AZIMUTHS.
2. PROPOSED JUMPERS NOT SHOWN FOR CLARITY.
3. ANTENNA CENTERLINE HEIGHT BASED ON TOP OF FOOTING ELEVATION.
4. ALL ANTENNAS, CABLES AND MOUNTS SHALL BE INSTALLED IN ACCORDANCE WITH THE TOWER ENGINEER'S RECOMMENDATIONS IN A MANNER CONSISTENT WITH THE STRUCTURAL ANALYSIS REPORT.
5. ALL ANTENNA BRACKETS PER ANTENNA MANUFACTURER, OR EQUAL CONTRACTOR TO COORDINATE REQUIRED MECHANICAL DOWNTILT WITH AT&T.
6. ALL ANTENNA INFORMATION TO BE CONFIRMED WITH AT&T RF DESIGN PRIOR TO INSTALLATION.
7. ALL PROPOSED ANTENNA ELECTRICAL/MECHANICAL DOWNTILTS AS PER RF DATA SHEETS.
8. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC SHALL BE INSTALLED PER TOWER MANUFACTURER'S STANDARD DETAILS.

ANTENNA SEPARATION REQUIREMENTS:
 INSTALLERS TO MAINTAIN:
 1) A 3' SEPARATION BETWEEN ALL ANTENNAS* ON THE SAME MOUNT (* SEE NOTE 3)
 2) A 4' SEPARATION IS TO BE MAINTAIN BETWEEN ANTENNAS ON DIFFERENT SECTOR MOUNTS IF ANTENNAS ARE 700 B/C (B12/B17) AND 700 D/E (B29); THEN A 6' SEPARATION WILL BE REQUIRED FOR THESE ANTENNAS.

ANTENNA LAYOUT DESIGN NOTES:
 1.) THE INITIAL ANTENNA LAYOUT PAGE WAS DESIGNED BEFORE TOWER DRAWINGS WERE RECEIVED BY SMW ENGINEERING. THE WIDTH NOTED ON PLANS ARE ASSUMED.
 2.) ALL ANTENNA LAYOUTS ARE SCHEMATIC IN NATURE.
 3.) SEE SHEET C-3 FOR SITE SPECIFIC TOWER TYPE:
 A. SST DRAWN WITH ASSUMED 5' FACE
 B. GUY TOWER DRAWN WITH ASSUMED 3' FACE
 C. MONOPOLE DRAWN ASSUMED 18" DIAMETER
 4.) FUTURE ANTENNAS SHOWN TO VALIDATE REQUIRED SEPARATION BETWEEN ANTENNAS
 5.) ONCE TOWER DRAWINGS ARE RECEIVED "ASSUMED" WILL BE REMOVED FROM ANTENNA LAYOUT. DO NOT USE CD'S FOR INSTALLATION IF TOWER DRAWINGS HAVE NOT BEEN RECEIVED BY SMW ENGINEERING AND INCORPORATED INTO DRAWINGS.
 6.) SEE TOWER NOTE ON THIS PAGE AND FRONT COVER TO VERIFY IF TOWER DRAWINGS ARE INCORPORATED INTO PLANS.

ALL 2-7/8" OD ANTENNA PIPES ARE TO BE 126" LONG (10'-6" LONG). (COMMSCOPE MT-546-126 (ANT.16873) OR AT&T APPROVED EQUAL PER LATEST CONMAT LIST) (5) PIPES PER SECTOR MOUNT

5 ANTENNA MOUNT NOTE:
 1) THIS SCHEMATIC IS SHOWN WITH 5 ANTENNA MOUNTS, PER AT&T'S LATEST RFDS.
 2) ALL 700 MHZ ANTENNA AND RADIOS SHALL MAINTAIN A 3' OR 6' SEPARATION, AT ALL TIMES, AS DIRECTED BY AT&T.
 3) FINAL CONFIGURATION SHALL BE MADE BY CONTRACTORS IN FIELD, PER AT&T GUIDELINES.



PROPOSED 13' FACE SABER 5' DEEP VBOOM SECTOR MOUNT. SABRE #C10841002 (CONMAT# ANT.53856) W/ (5) 2-7/8"ODx126"L ANTENNA PIPE MOUNT. REF DET 1/C-4.1

PROPOSED 4478 B14 FOR ANTENNA 3 ON DUAL MOUNT TO BE INSTALLED ON PIPE W/ CROSSOVER PLATES

PROPOSED (9) DC AND (3) 24 PAIR FIBER TO BE ROUTED INSIDE (4) INNER DUCT INSIDE TOWER

PROPOSED DC9-48-60-24-8C-EV

PROPOSED 4449 B5/B12, & 8843 B2/B66A ON DUAL MOUNT

PROPOSED 4478 B14 FOR ANTENNA 3 ON DUAL MOUNT TO BE INSTALLED ON PIPE W/ CROSSOVER PLATES

PROPOSED 4478 B14 FOR ANTENNA 3 ON DUAL MOUNT TO BE INSTALLED ON PIPE W/ CROSSOVER PLATES

PROPOSED DC9-48-60-24-8C-EV

PROPOSED 4449 B5/B12, & 8843 B2/B66A ON DUAL MOUNT

TIEBACK NOTE:
 DUE TO TIEBACK LENGTH (6) SA-B12 (CONMAT# ANT.16613) (2-3/8"x150" PIPE) STIFF ARMS WILL BE REQUIRED. SEE CUT SHEET IN ATTACHMENTS

1 ANTENNA LAYOUT
 SCALE: 1"=3'

PER THE PROVIDED MONOPOLE TOWER DRAWINGS DRAWN BY SABRE INDUSTRIES, DATED 10/11/2023; SMW ENGINEERING CANNOT SEE ANY CONFLICTS BETWEEN THE TOWER DESIGN 175' AND THE PROPOSED LOCATION OF THE MOUNTS 170'.

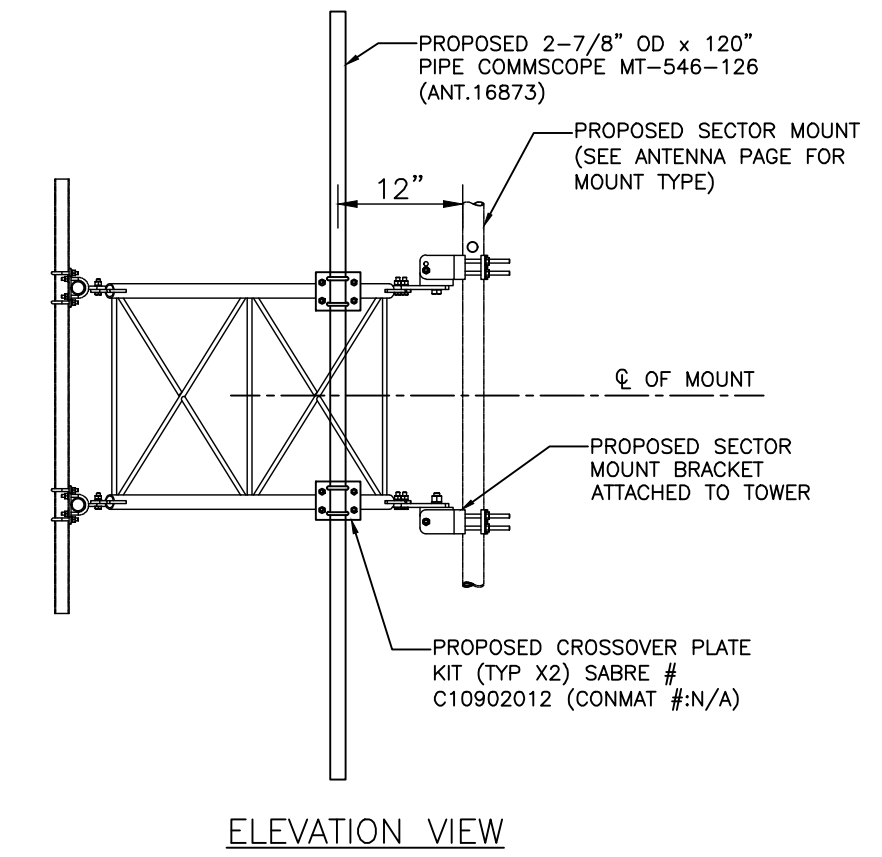
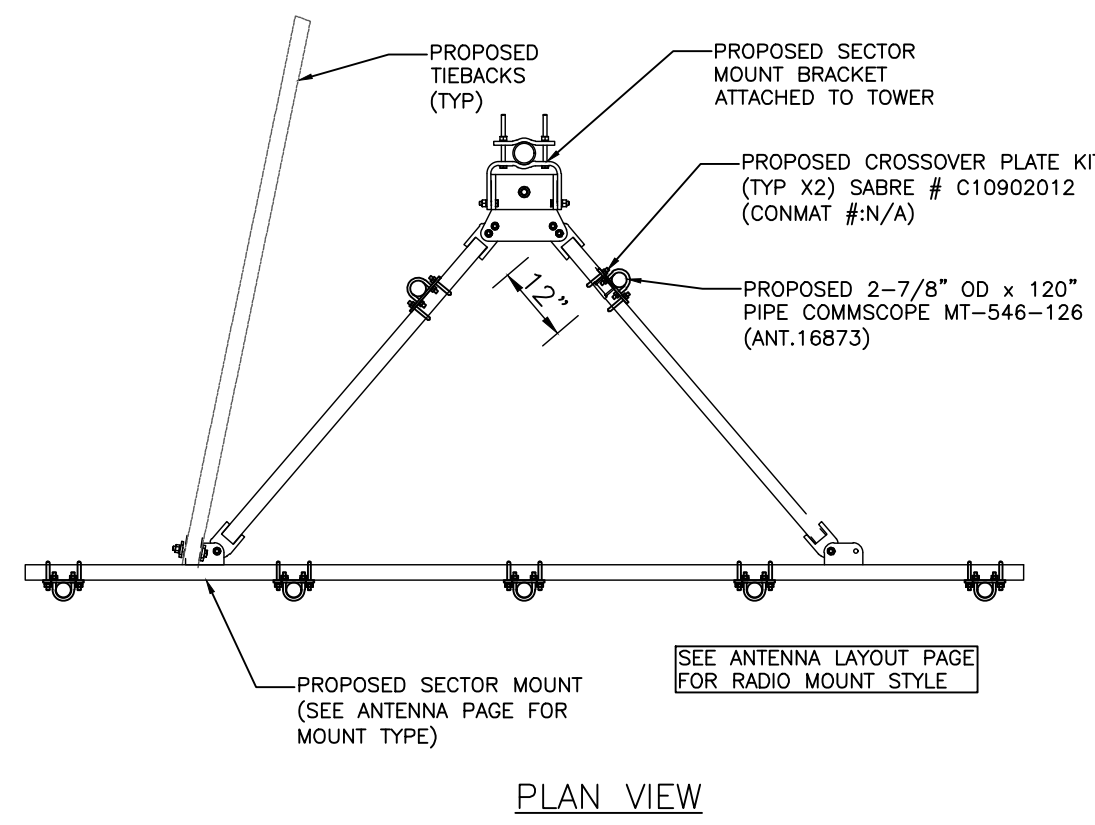


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

| ITEM | QTY | PART NO. | DESCRIPTION | WEIGHT |
|--------------|-----|----------|--------------------------------------|--------|
| 1 | 1 | C03318 | CROSSOVER PLATE | 4 |
| 2 | 2 | C4034139 | U-BOLT ASSEMBLY, 1/2" X 2 15/16" C-C | 2 |
| 3 | 2 | C4034140 | U-BOLT ASSEMBLY, 1/2" X 3 7/16" C-C | 2 |
| TOTAL WEIGHT | | | | 8 |

| UNLESS OTHERWISE SPECIFIED: | MATERIAL: |
|---|---|
| ALL DIMENSIONS UNLESS INDICATED ARE IN INCHES | |
| TOLERANCES FRACTIONS 1/16" | TOLERANCES DO NOT APPLY TO RAW MATERIAL |
| FRACTIONS 1/32" | |
| DECIMALS 0.01" | |

| DATE | BY | DESCRIPTION | SCALE | PAGE |
|----------|-----|-------------|-------|------|
| 06/29/15 | KLE | | B | 0 |



1 CROSSOVER DETAIL FOR RADIOS
 C-402 SCALE: NOT TO SCALE

MOUNT SHOWN IS TO HELP LOCATE WHERE THE CROSSOVER PLATES AND PIPE ARE TO BE INSTALLED ON THE MOUNT. FOR MOUNT TYPE AND TIEBACK NUMBERS AND TIEBACK LOCATION, SEE CALLOUTS ON THE ANTENNA LAYOUT PAGE.

DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

CA#: AL 2244-E

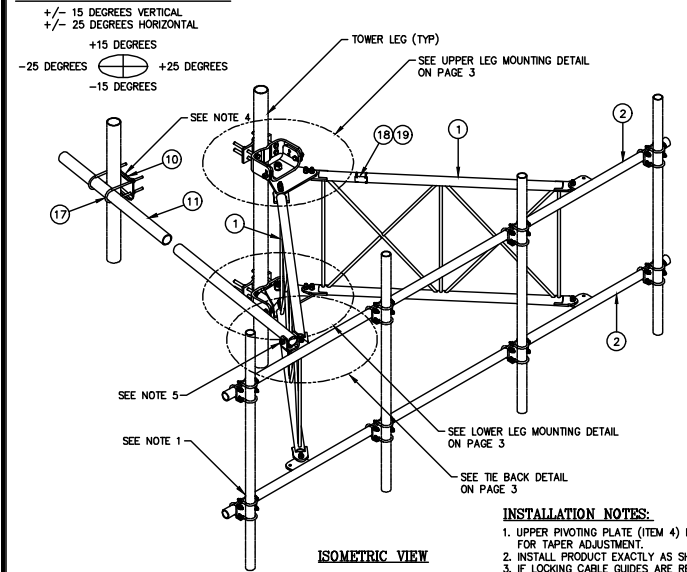
11/30/2023

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

| |
|-----------------------|
| SOUTH GLUCKSTADT |
| CROSSOVER PIPE DETAIL |

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-4.02 |
| REV.: | ? |

TIEBACK ANGLE RANGE DETAIL



| ITEM | QTY. | PART NO. | DESCRIPTION | WEIGHT |
|--------------|------|-----------|--|--------|
| 1. | 2 | CW01556 | WELDMENT, STANDOFF ARM | 192 |
| 2. | 2 | CW01223 | WELDMENT, FACE PIPE | 147 |
| 3. | 2 | CS03519 | PLATE, ROTATING | 35 |
| 4. | 1 | CS03110 | PLATE, PIVOTING (UPPER) | 16 |
| 5. | 1 | CS03111 | PLATE, LEG CLAMP (UPPER) | 17 |
| 6. | 1 | CS03112 | PLATE, PIVOTING (LOWER) | 14 |
| 7. | 1 | CS03113 | PLATE, LEG CLAMP (LOWER) | 17 |
| 8. | 2 | CS03114 | PLATE, LEG CLAMP (BACK) | 14 |
| 9. | 1 | CS00096 | PLATE, TIEBACK SWIVEL | 3 |
| 10. | 1 | CS03518 | PLATE, TIEBACK CLAMP | 5 |
| 11. | 1 | CS00249 | PIPE, TIEBACK 2 7/8" O.D. X 0.203 X 15'-6" | 83 |
| 12. | 2 | C40026073 | BOLT ASSEMBLY, 1/2" X 3 A325 | 4 |
| 13. | 8 | C40140004 | BOLT ASSEMBLY, 5/8" X 8 A307 | 13 |
| 14. | 1 | C40026035 | BOLT ASSEMBLY, 5/8" X 5 A325 | 1 |
| 15. | 12 | C40026025 | BOLT ASSEMBLY, 5/8" X 2 1/2 A325 | 6 |
| 16. | 5 | C40026024 | BOLT ASSEMBLY, 5/8" X 2 1/4 A325 | 3 |
| 17. | 2 | C40034201 | U-BOLT ASSEMBLY, 1/2" X 3 7/16 C-C | 3 |
| 18. | 1 | Z30992044 | MOUNT CLASSIFICATION TAG C10841001C/C10841002C | 1 |
| 19. | 2 | C40062103 | STAINLESS STEEL SELF-LOCKING CABLE TIE | 1 |
| TOTAL WEIGHT | | | | 585 |

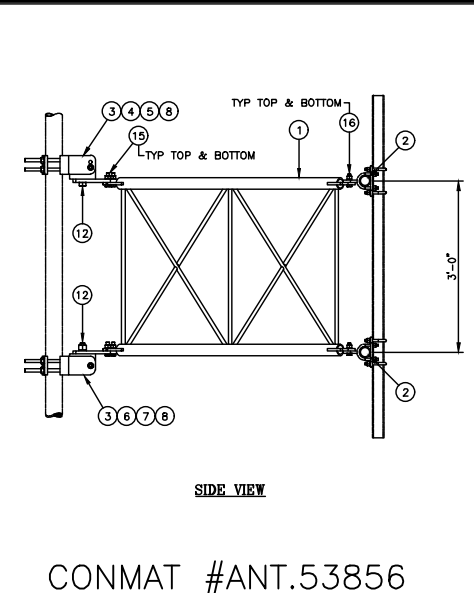
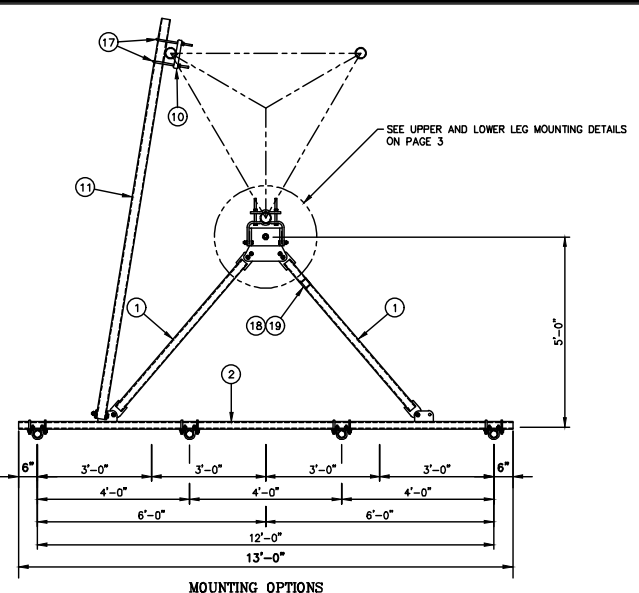
PACKAGING NOTE
 CK00426-INCLUDES ITEM 1
 CK00427-STL INCLUDES ITEMS 2 & 11
 CK00427-HDW INCLUDES ITEMS 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18 & 19.

INSTALLATION NOTES:
 1. UPPER PIVOTING PLATE (ITEM 4) HAS THREE HOLES ON EACH SIDE AND UPPER LEG CLAMP PLATE (ITEM 5) HAS TWO HOLES ON EACH SIDE FOR TAPER ADJUSTMENT.
 2. INSTALL PRODUCT EXACTLY AS SHOWN IN DRAWING, WITH ALL BOLTS FACING UPWARDS.
 3. IF LOCKING CABLE GUIDES ARE REQUIRED THEY MUST BE PURCHASED SEPARATELY (SEE PAGE 4).

NOTES:
 1. MOUNTING PIPES & CROSSOVER PLATE KITS MUST BE PURCHASED SEPARATELY.
 2. QUANTITIES SHOWN IN LISTS OF MATERIAL ARE FOR ONE (1) V-BOOM ONLY.
 3. THIS V-BOOM WILL MOUNT TO THE FOLLOWING: 1 1/2" TO 5 9/16" ROUND LEG.
 4. TIEBACK MUST BE CONNECTED TO A RIGID MEMBER THAT PROVIDES ADEQUATE SUPPORT WITHIN THE LIMITS NOTED ABOVE IN THE TIEBACK ANGLE RANGE DETAIL, UNLESS APPROVED BY THE ENGINEER OF RECORD.
 5. THE TIEBACK IS SHOWN IN THIS POSITION AS A DEFAULT. THIS TIEBACK CAN BE CONNECTED AT ANY (1) OF THE (4) POSITIONS ON THE TABS ON THE FACE PIPE.

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 06/07/21 | WRF | | None | 1 OF 4 |

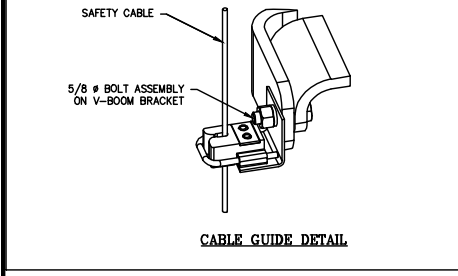
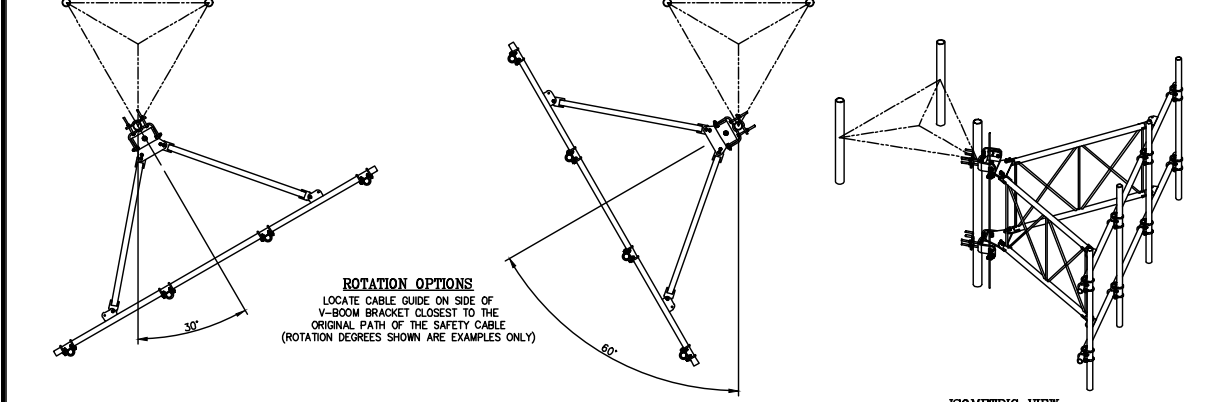


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| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 06/07/21 | WRF | | None | 2 OF 4 |

OPTIONAL LOCKING CABLE GUIDE

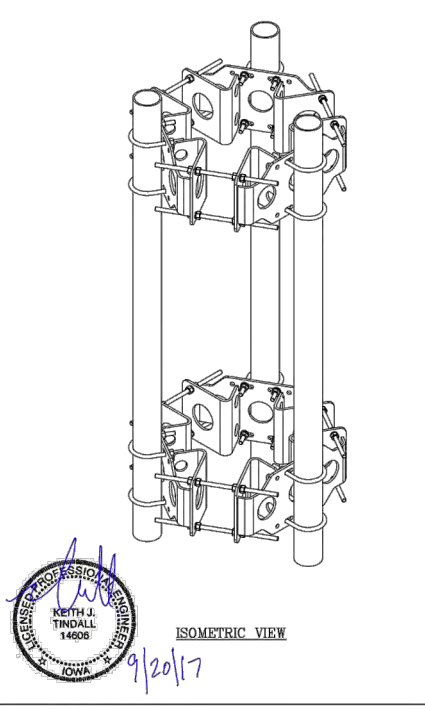
IF REQUIRED PLEASE ORDER PART NUMBER C30017022. THIS KIT WILL COME WITH (2) LOCKING CABLE GUIDES FOR TOP & BOTTOM V-BOOM BRACKETS.



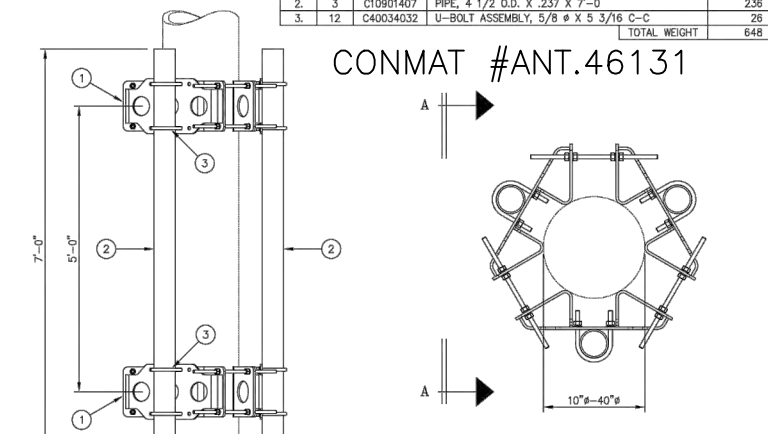
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|-----|------|----|------|-------------|
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| | | | | |

| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 06/07/21 | WRF | | None | 4 OF 4 |

NOTE:
 SEE DRAWING C10112300 FOR INSTALLATION OF TRI-COLLAR BRACKET ASSEMBLY



| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 01/26/16 | DLW | | None | 1 OF 1 |

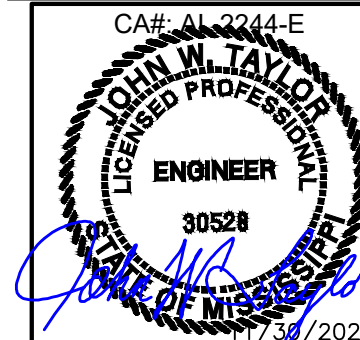


| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|------|----|------|-------------|
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| | | | | |
| | | | | |
| | | | | |

| DATE | BY | CHKD | SCALE | PAGE |
|----------|-----|------|-------|--------|
| 01/26/16 | DLW | | None | 1 OF 1 |

ALL 2-7/8" OD ANTENNA PIPES ARE TO BE 126" LONG (10'-6" LONG). (COMMScope MT-546-126 (ANT.16873) OR AT&T APPROVED EQUAL PER LATEST CONMAT LIST) (5) ANTENNA PIPES PER SECTOR MOUNT.

DETAILS BY OTHERS NOTE: DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.



Section 10, Item C)

SMW ENGINEERING GROUP, N.C.
 FORESITE SERVICES, LLC
 SITE COORDINATES: N 32° 30' 48.075" (32.513354°)
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

at&t

| DESIGNER | ZDS | AMM | AMM | AMM | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
SECTOR MOUNT DETAIL
MONOPOLE TOWERS

| DESIGNER: | ZDS |
|-------------|---------|
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-4.1 | 2 |



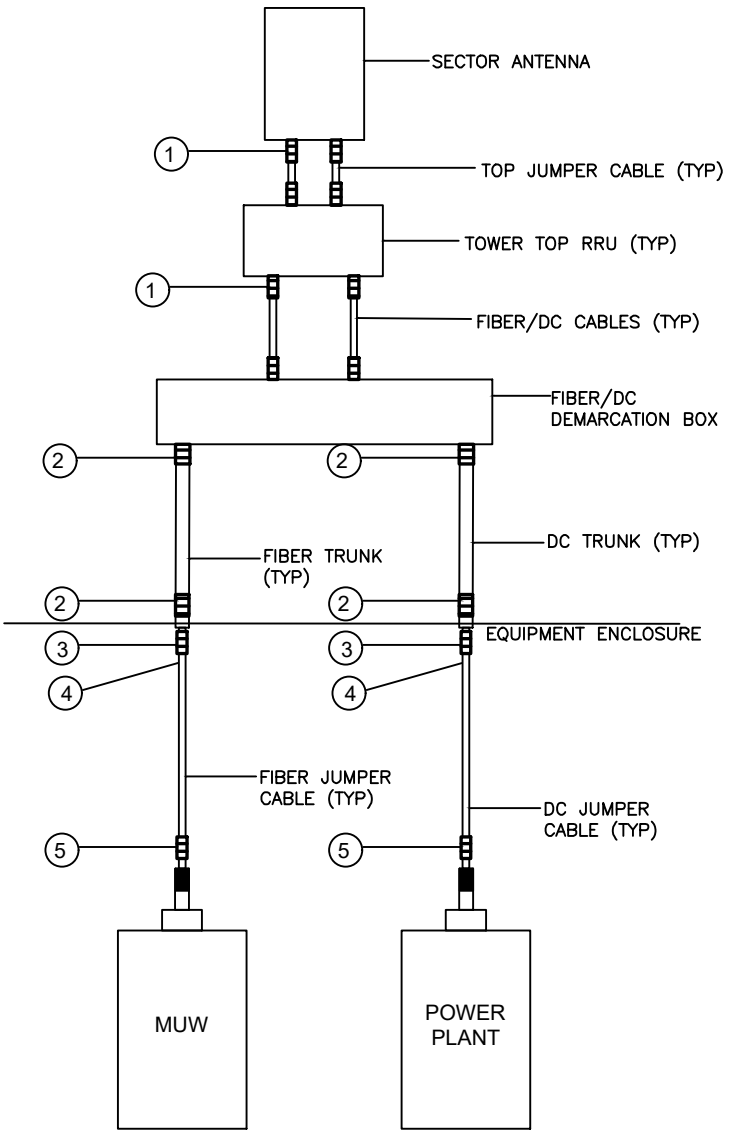
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|-------------|-----------------------------------|
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| DESCRIPTION | ISSUED FOR CLIENT REVIEW |
| DATE | 07/24/23 |
| DESCRIPTION | ISSUED FOR ZONING |
| DATE | 08/15/23 |
| DESCRIPTION | REVISED PER CONCRETE PAD |
| DATE | 11/16/23 |
| DESCRIPTION | REVISED PER TOWER DRAWINGS & RFDS |
| DATE | 11/30/23 |
| DESCRIPTION | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
RF PLUMBING RISER

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-4.2 |
| REV.: | ? |

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513354°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)

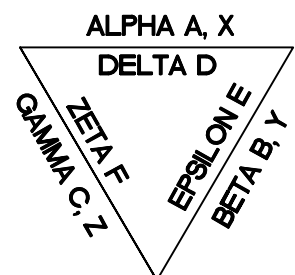
- NOTES:**
- SECTOR ORIENTATION/AZIMUTH WILL VARY FROM REGION AND IS SITE SPECIFIC. REFER TO THE RF REPORT FOR EACH SITE TO DETERMINE THE ANTENNA LOCATION AND FUNCTION OF EACH TOWER SECTOR FACE.
 - THE STANDARD IS BASED ON EIGHT COLORED TAPES—RED, BLUE, GREEN, YELLOW, ORANGE, BROWN, WHITE AND SLATE (GREY). THESE TAPES SHOULD BE READILY AVAILABLE TO THE ELECTRICIAN OR CONTRACTOR ON SITE.
 - USING COLOR BANDS ON THE CABLES, MARK ALL RF CABLE BY SECTOR AND CABLE NUMBER AS SHOWN ON "CABLE MARKING COLOR CONVENTION TABLE".
 - ALL COLOR CODE TAPE SHALL BE 3M-35 AND SHALL BE INSTALLED USING A MINIMUM OF (3) WRAPS OF TAPE AND SHALL BE NEATLY TRIMMED AND SMOOTHED OUT SO AS TO AVOID UNRAVELING.
 - ALL COLOR BANDS INSTALLED AT THE TOWER TOP SHALL BE A MINIMUM OF 3" WIDE AND SHALL HAVE A MINIMUM OF 3/4" OF SPACING BETWEEN EACH COLOR.
 - ALL COLOR BANDS INSTALLED AT OR NEAR THE GROUND SHALL BE A MINIMUM OF 3/4" WIDE.
 - ALL COLOR CODES SHALL BE INSTALLED SO AS TO ALIGN NEATLY WITH ONE ANOTHER FROM SIDE-TO-SIDE.



FIBER/DC CABLE MARKING LOCATIONS DIAGRAM

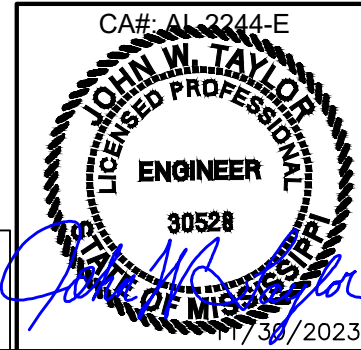
NOTES:

- CONTRACTOR SHALL FILL OUT THE CABLE PORT DIAGRAM UPON COAX INSTALLATION. CABLE PORT DIAGRAM WILL BE AFFIXED TO THE INTERIOR ENCLOSURE WALL NEAR THE CABLE ENTRY PORT TO AID IN CABLE IDENTIFICATION. THE CHART IS INTENDED TO BE USED TO RECORD THE LINE AND CORRESPONDING ANTENNA POSITION ON THE TOWER AT THE TIME OF INSTALLATION.
- ONE COMPLETED COPY PLUS TWO BLANK COPIES OF THE CHART SHOULD BE POSTED IN THE ENCLOSURE IN A PROTECTIVE SLEEVE.

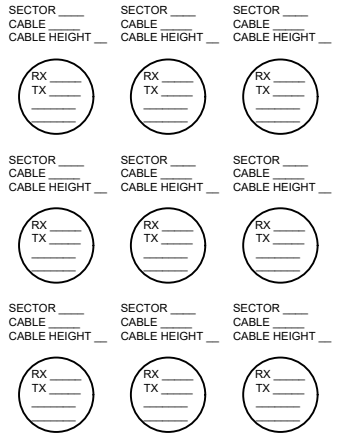


TOWER PLAN VIEW

SYSTEM DETAILS AND DIAGRAMS PROVIDED BY AT&T



CABLE PORT DIAGRAM
CAUTION: HARMFUL RF ENERGY EXISTS ON THESE LINES



ALL RF CABLE SHALL BE MARKED PER CABLE MARKING LOCATIONS TABLE BELOW:

| CABLE MARKING LOCATIONS TABLE | | | |
|-------------------------------|------|-----|--|
| NO. | TAPE | TAG | LOCATIONS |
| 1. | X | | EACH TOP-JUMPER/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS. |
| 2. | X | | EACH MAIN COAX/CABLE TRUNK SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS NEAR THE TOP-JUMPER CONNECTION AND WITH (1) SET OF 3/4" WIDE COLOR BANDS JUST PRIOR TO ENTERING THE BTS OR TRANSMITTER BUILDING. |
| 3. | | X | COAX/CABLE ENTRY PORT ON THE INTERIOR OF THE ENCLOSURE. |
| 4. | X | | ALL BOTTOM JUMPERS/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPERS. |
| 5. | * | * | ALL BOTTOM JUMPERS/CABLES SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPER. |

(* - DENOTED TAG OR TAP.)



DESIGNER: ZDS
 ZDS
 AMD
 AMD
 AMD

DESCRIPTION:
 ISSUED FOR CLIENT REVIEW
 ISSUED FOR ZONING
 REVISED PER CONCRETE PAD
 REVISED PER TOWER DRAWINGS & RFDS
 REVISED PER JRX COMMENTS

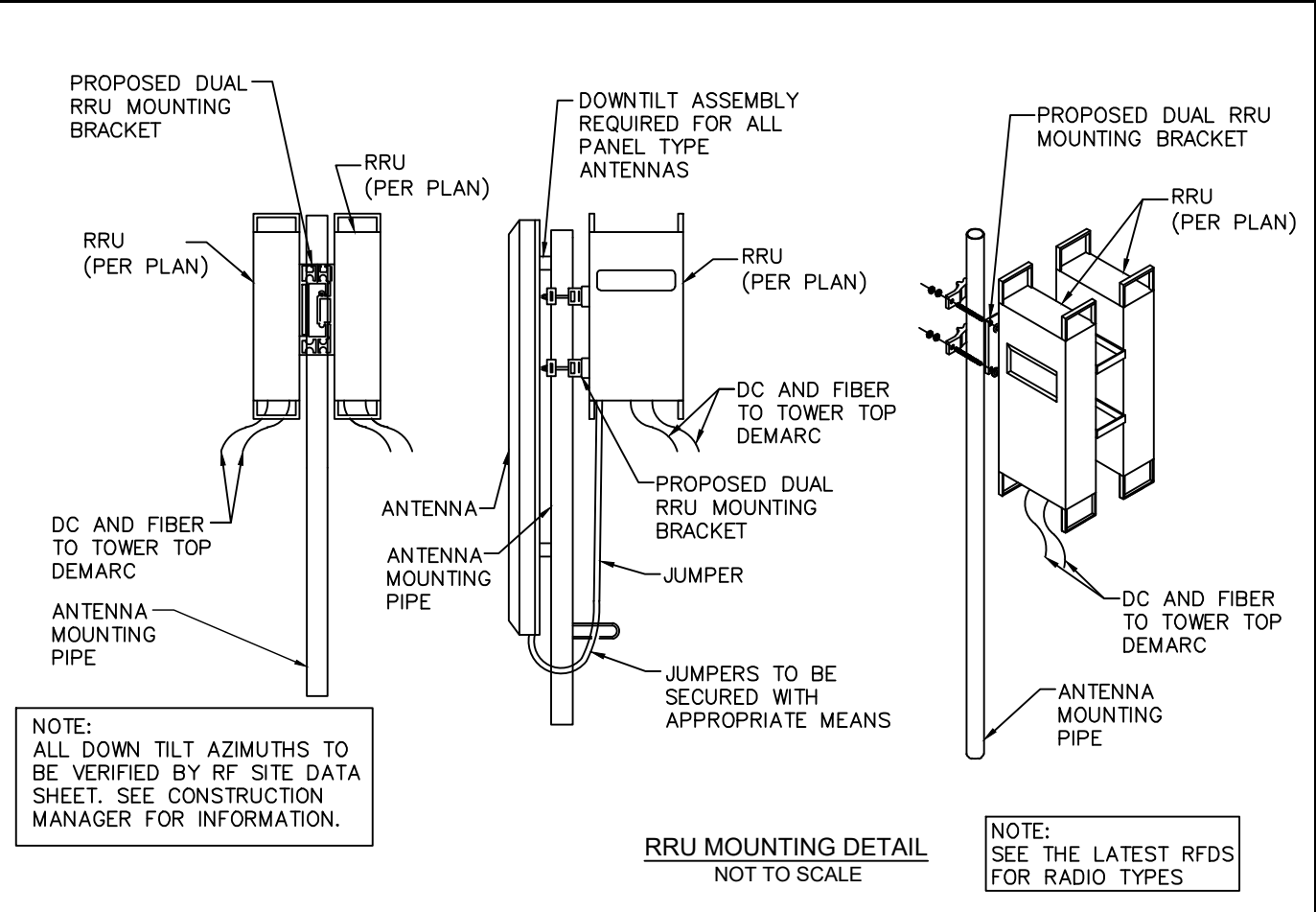
DATE
 01/26/23
 07/24/23
 08/15/23
 11/16/23
 11/30/23

DESIGNER: ZDS
 CHECKED BY: JWT
 ENGINEER: JWT

SMW #: 22-1425
 SHEET NO.:
 REV.

SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

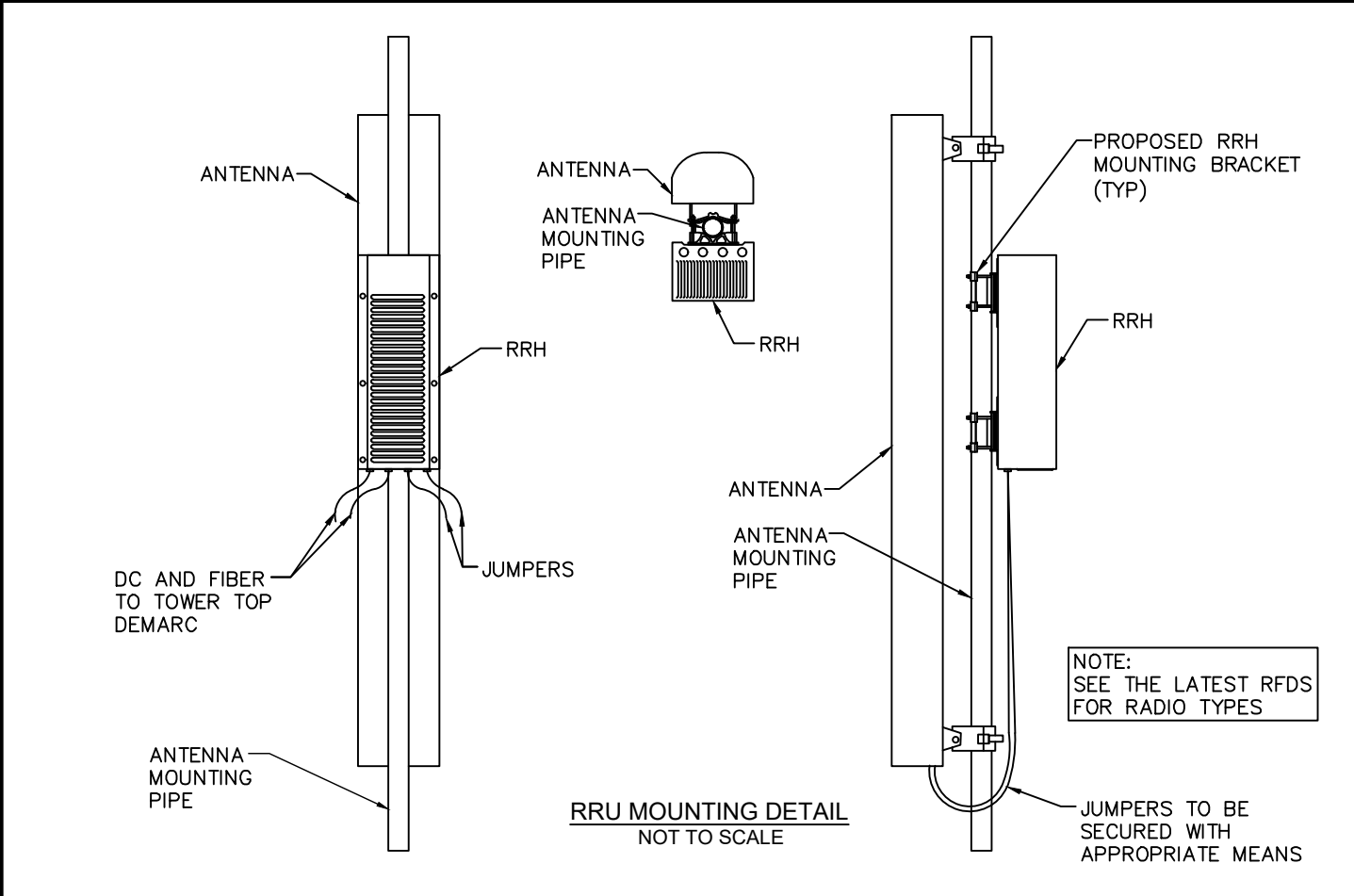
C-4.3



NOTE:
 ALL DOWN TILT AZIMUTHS TO BE VERIFIED BY RF SITE DATA SHEET. SEE CONSTRUCTION MANAGER FOR INFORMATION.

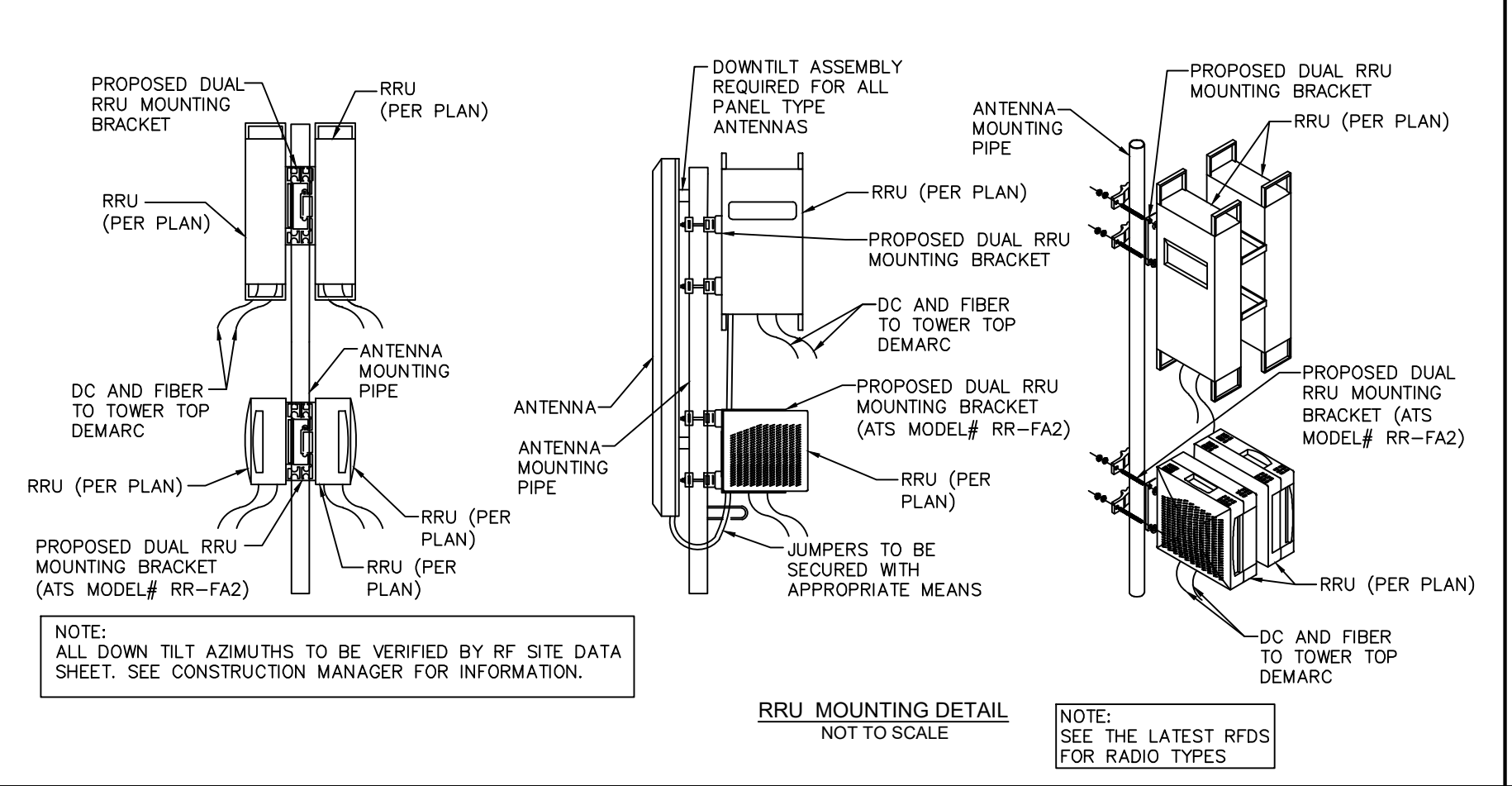
RRU MOUNTING DETAIL
 NOT TO SCALE

NOTE:
 SEE THE LATEST RFDS FOR RADIO TYPES



RRU MOUNTING DETAIL
 NOT TO SCALE

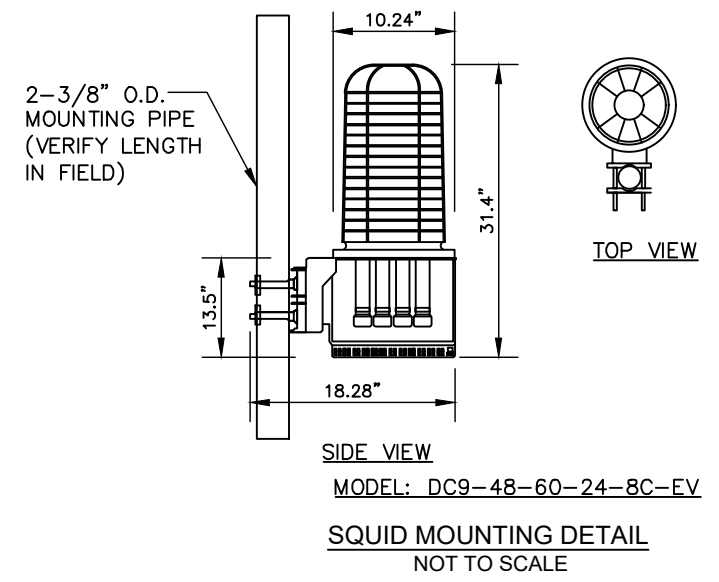
NOTE:
 SEE THE LATEST RFDS FOR RADIO TYPES



NOTE:
 ALL DOWN TILT AZIMUTHS TO BE VERIFIED BY RF SITE DATA SHEET. SEE CONSTRUCTION MANAGER FOR INFORMATION.

RRU MOUNTING DETAIL
 NOT TO SCALE

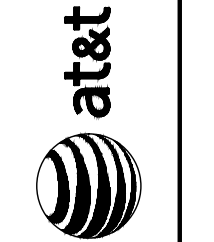
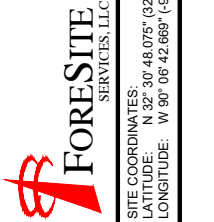
NOTE:
 SEE THE LATEST RFDS FOR RADIO TYPES



SQUID MOUNTING DETAIL
 NOT TO SCALE

CA#: AL 2244-E

11/30/2023



| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|----------|-----|-----|-----|-----|-----|
| | | | | | |

| DATE | DESCRIPTION |
|----------|-----------------------------------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

**SOUTH GLUCKSTADT
GRADING, SEDIMENT &
EROSION CONTROL PLAN**

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-5 | 2 |

- (Co)** CONSTRUCTION EXIT - TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- (Sdl)** TYPE C SEDIMENT BARRIER - TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) - TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) - TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- Du** DISTURBED AREA DUST CONTROL - TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.

PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

- TOWER NOTES:**
- 1** PROPOSED 175' MONOPOLE TOWER PROPOSED AT&T RAD CENTER 170'
 - 2** PROPOSED TOWER FOOTPRINT BASED ON TOWER DRAWINGS BY SABRE INDUSTRIES DATED 10/11/2023

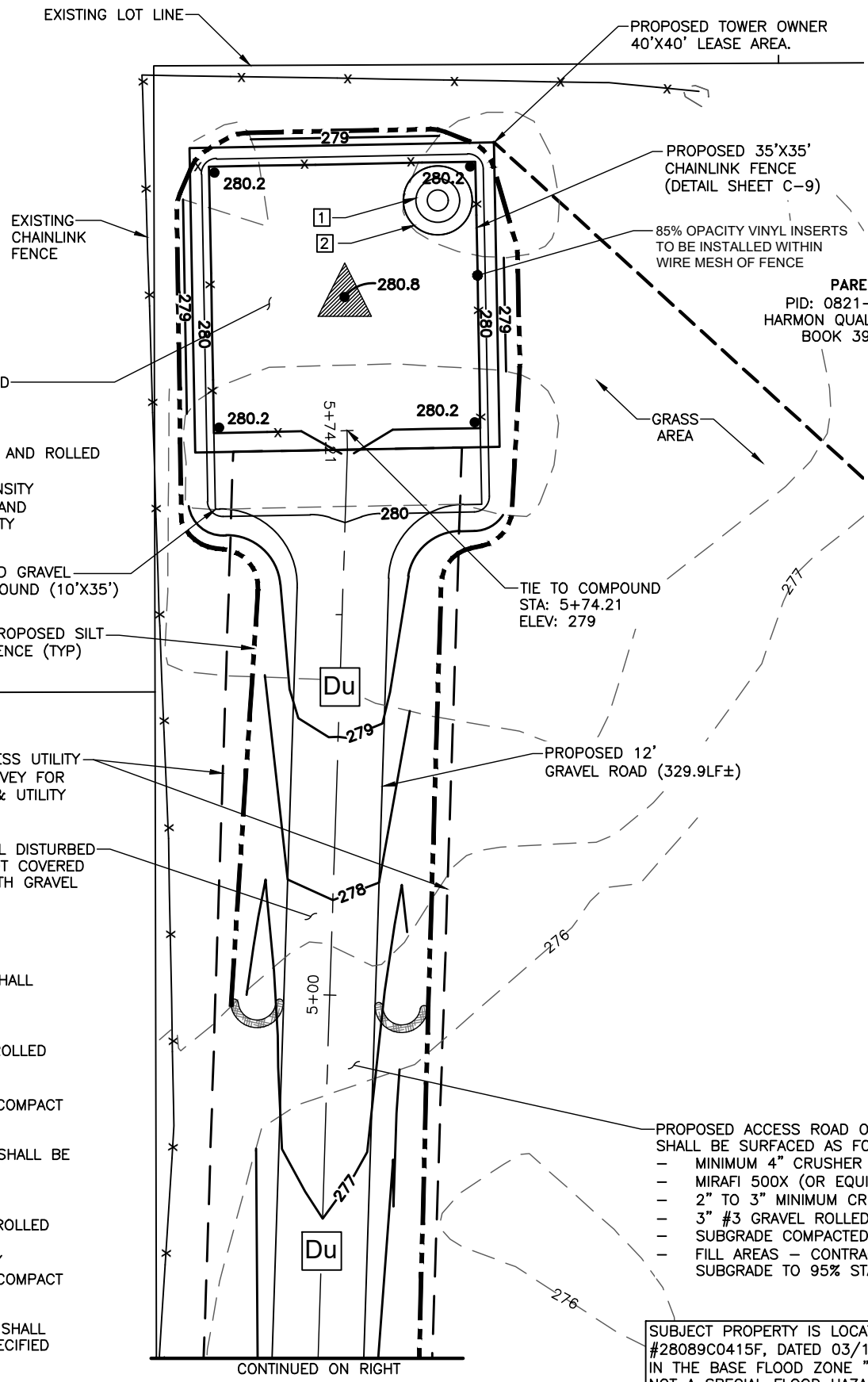
Ds2 ALL DISTURBED NOT COVERED WITH GRAVEL
Ds3

THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
 - MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

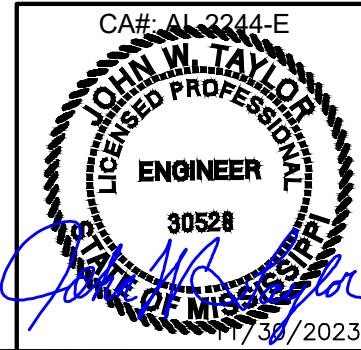
THE PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
 - MIRAFI 500X (OR EQUIVALENT)
 - 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB BASE COURSE
 - SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
 - FILL AREAS - CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

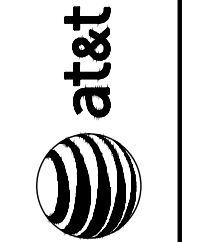
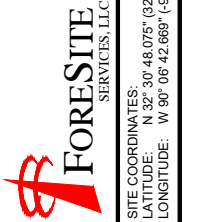
ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING SHALL BE COMPACTED 95% MINIMUM STANDARD PROCTOR DENSITY AS SPECIFIED BY ASTM D698 AND AASHTO T-99.

THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER



1 GRADING SITE PLAN
 SCALE: 1"=20'





| DESIGNER: | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |

SOUTH GLUCKSTADT
GRADING, SEDIMENT & EROSION CONTROL PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

- Co** CONSTRUCTION EXIT – TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sdl** TYPE C SEDIMENT BARRIER – TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) – TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) – TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- Du** DISTURBED AREA DUST CONTROL – TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.

Sdl PROPOSED SILT FENCE (TYP)

PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- MINIMUM 4" CRUSHER RUN FINISHED DRIVING SURFACE
- MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
- 3" #3 GRAVEL ROLLED SUB-BASE COURSE
- SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

PROPOSED 30' ACCESS UTILITY EASEMENT (SEE SURVEY FOR COMPLETE ACCESS & UTILITY EASEMENT)

THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
- MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
- 3" #3 GRAVEL ROLLED SUB-BASE COURSE
- SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

THE PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
- MIRAFI 500X (OR EQUIVALENT)
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
- 3" #3 GRAVEL ROLLED SUB BASE COURSE
- SUBGRADED COMPACTED TO 95% STANDARD PROCTOR DENSITY
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THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER

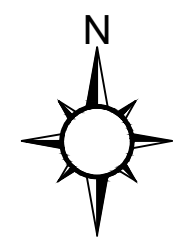
EXISTING LOT LINE

CONTINUED FROM C-5

ALL DISTURBED NOT COVERED WITH GRAVEL
Ds2
Ds3

Du

PARENT TRACT
 PID: 0821-29-010/07.00
 HARMON QUALITY BUILDERS LLC
 BOOK 3919, PAGE 76



PID: 0821-29-010/08.01
 HAS INVESTMENTS, LLC
 BOOK 3555, PAGE 838

EXISTING BUILDING

EXISTING CHAINLINK FENCE

EXISTING SLIDING-GATE

CONCRETE AREA

EXISTING BUILDING

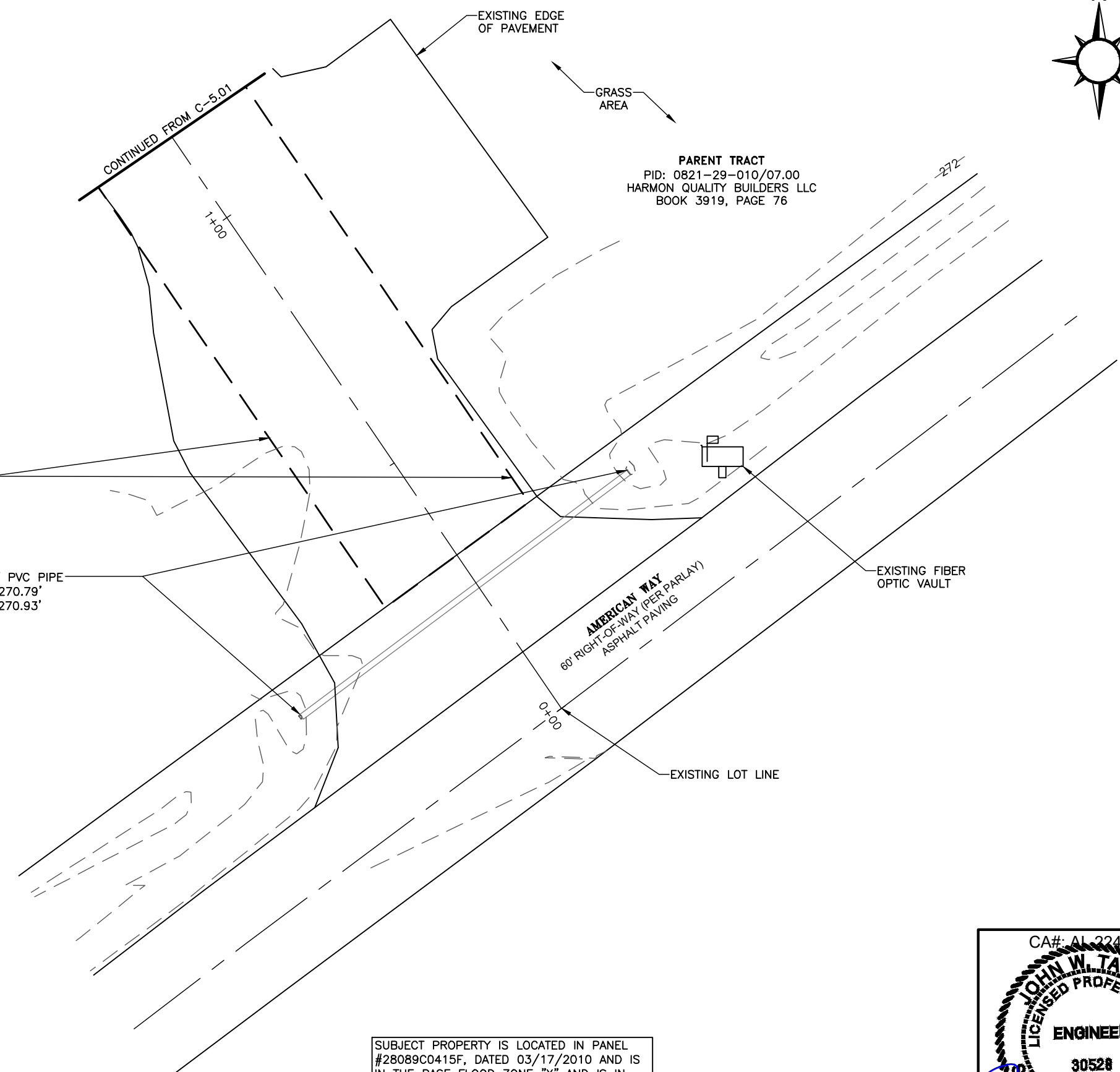
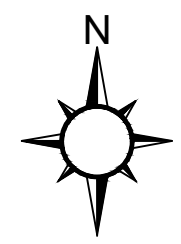
SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1 GRADING SITE PLAN
 SCALE: 1"=20'



CONTINUED ON C-5.02

- Co** CONSTRUCTION EXIT – TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sdl** TYPE C SEDIMENT BARRIER – TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) – TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) – TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS
- Du** DISTURBED AREA DUST CONTROL – TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.



PARENT TRACT
 PID: 0821-29-010/07.00
 HARMON QUALITY BUILDERS LLC
 BOOK 3919, PAGE 76

PROPOSED 30' ACCESS UTILITY
 EASEMENT (SEE SURVEY FOR
 COMPLETE ACCESS & UTILITY
 EASEMENT)

EXISTING 12" PVC PIPE
 INV. NORTH 270.79'
 INV. SOUTH 270.93'

EXISTING FIBER
 OPTIC VAULT

EXISTING LOT LINE

THE PROPOSED ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

- MINIMUM 4" CRUSHER RUN FINISHED DRIVE SURFACE
- MIRAFI 500X (OR EQUIVALENT) GEOFABRIC
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB BASE A ROLLED
- 3" #3 GRAVEL ROLLED SUB-BASE COURSE
- SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- FILL AREAS – CONTRACTOR TO PLACE FILL IN 1' LIFTS AND COMPACT SUBGRADE TO 95% STANDARD PROCTOR DENSITY

THE PROPOSED EQUIPMENT AREA INSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:

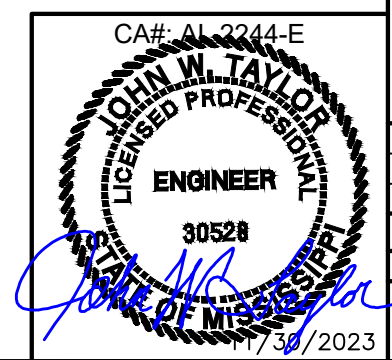
- 2" TO 3" MINIMUM #57 GRAVEL FINISHED SURFACE
- MIRAFI 500X (OR EQUIVALENT)
- 2" TO 3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
- 3" #3 GRAVEL ROLLED SUB BASE COURSE
- SUBGRADED COMPACTED TO 95% STANDARD PROCTOR DENSITY
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THE CONTRACTOR IS REQUIRED TO TEST AND SUBMIT COMPACTION TEST RESULTS FOR ALL EXISTING SUB-GRADE AND CRUSHER RUN GRAVEL SURFACING IN THE CLOSEOUT PACKAGE SUPPLIED TO TOWER OWNER

SUBJECT PROPERTY IS LOCATED IN PANEL #28089C0415F, DATED 03/17/2010 AND IS IN THE BASE FLOOD ZONE "X" AND IS IN NOT A SPECIAL FLOOD HAZARD AREA.

1 GRADING SITE PLAN
 C-502 SCALE: 1"=20'



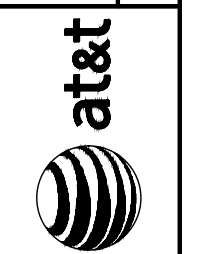
| DATE | DESCRIPTION: | DESIGNER: |
|----------|-----------------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
GRADING, SEDIMENT & EROSION CONTROL PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

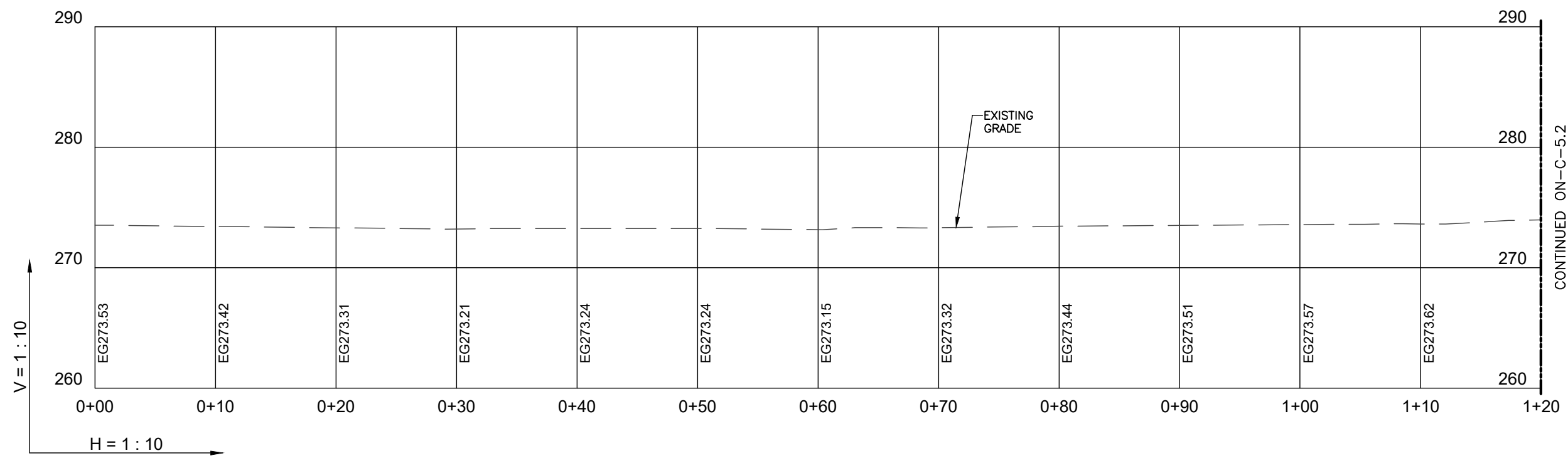
C-5.02 2

SMU
 ENGINEERING GROUP, N.C.
FORESITE
 SERVICES, LLC
 SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



CONTINUED ON -C-5.2

**SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET**

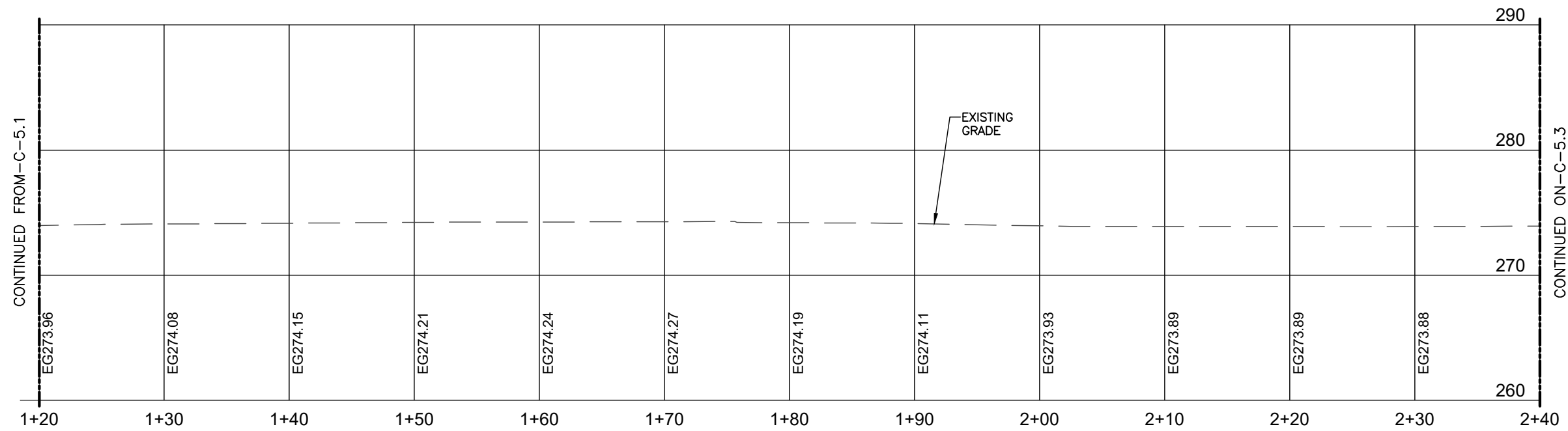
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-5.1 2

1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'

CA#: AL 2244-E

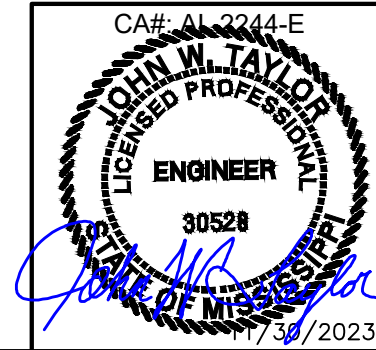
11/30/2023



CONTINUED FROM -C-5.1

CONTINUED ON -C-5.3

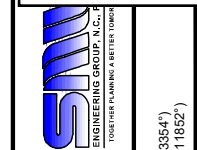
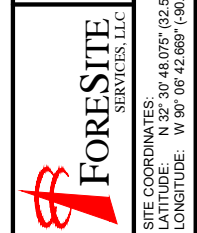
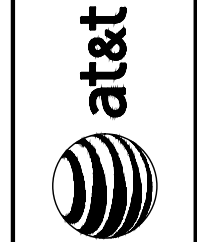
1 PROPOSED ACCESS ROAD PROFILE
 C-52 SCALE: 1"=10'



SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

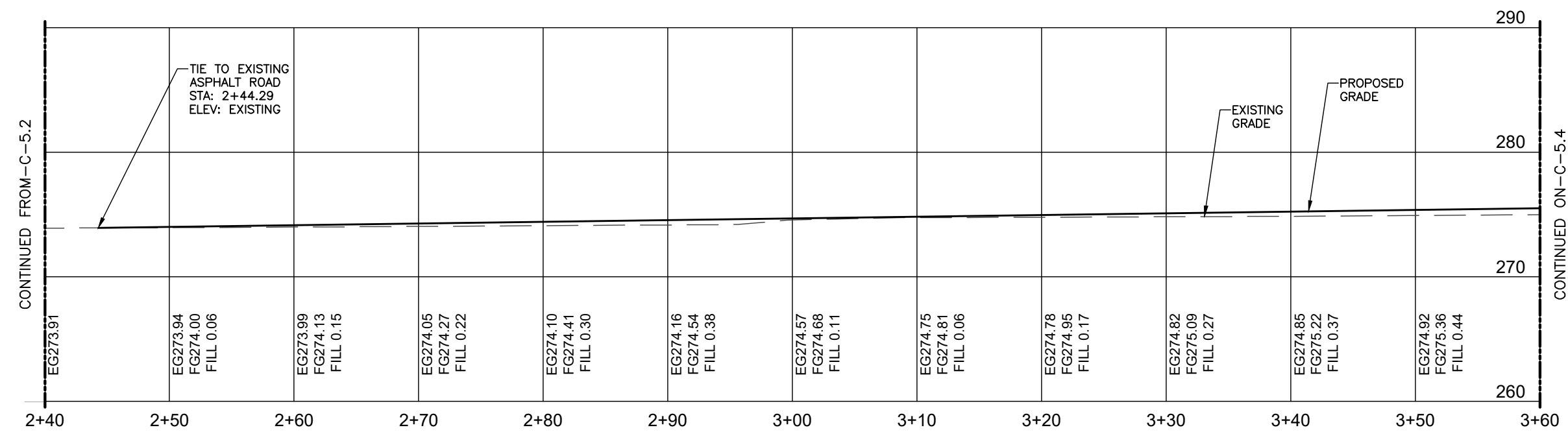
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.2 |
| REV.: | ? |



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



CONTINUED FROM -C-5.2

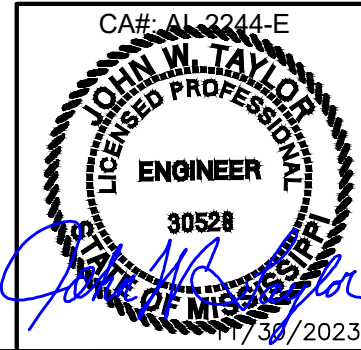
CONTINUED ON -C-5.4

TIE TO EXISTING ASPHALT ROAD
 STA: 2+44.29
 ELEV: EXISTING

EXISTING GRADE

PROPOSED GRADE

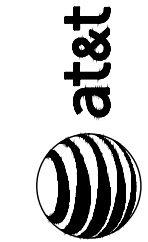
1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'



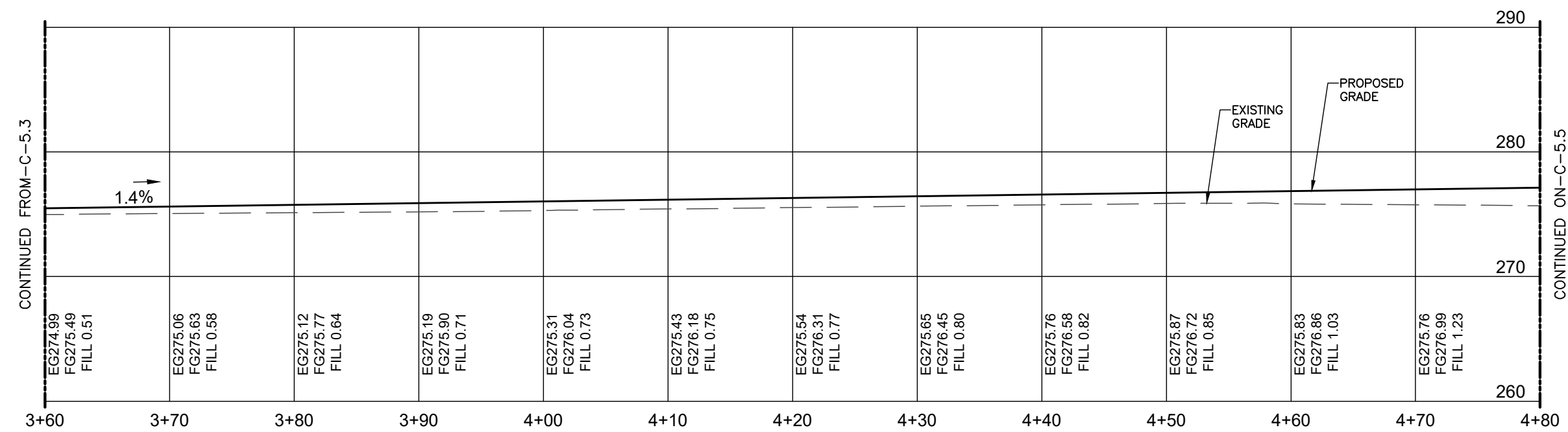
SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | C-5.3 |
| REV.: | 2 |



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



CONTINUED FROM -C-5.3

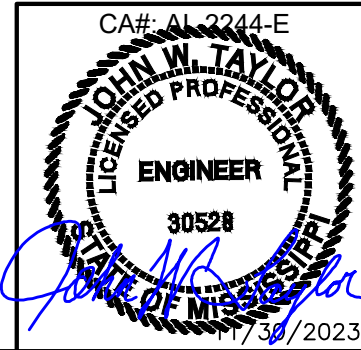
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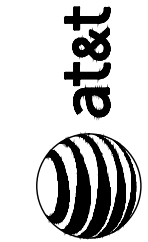
| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
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| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

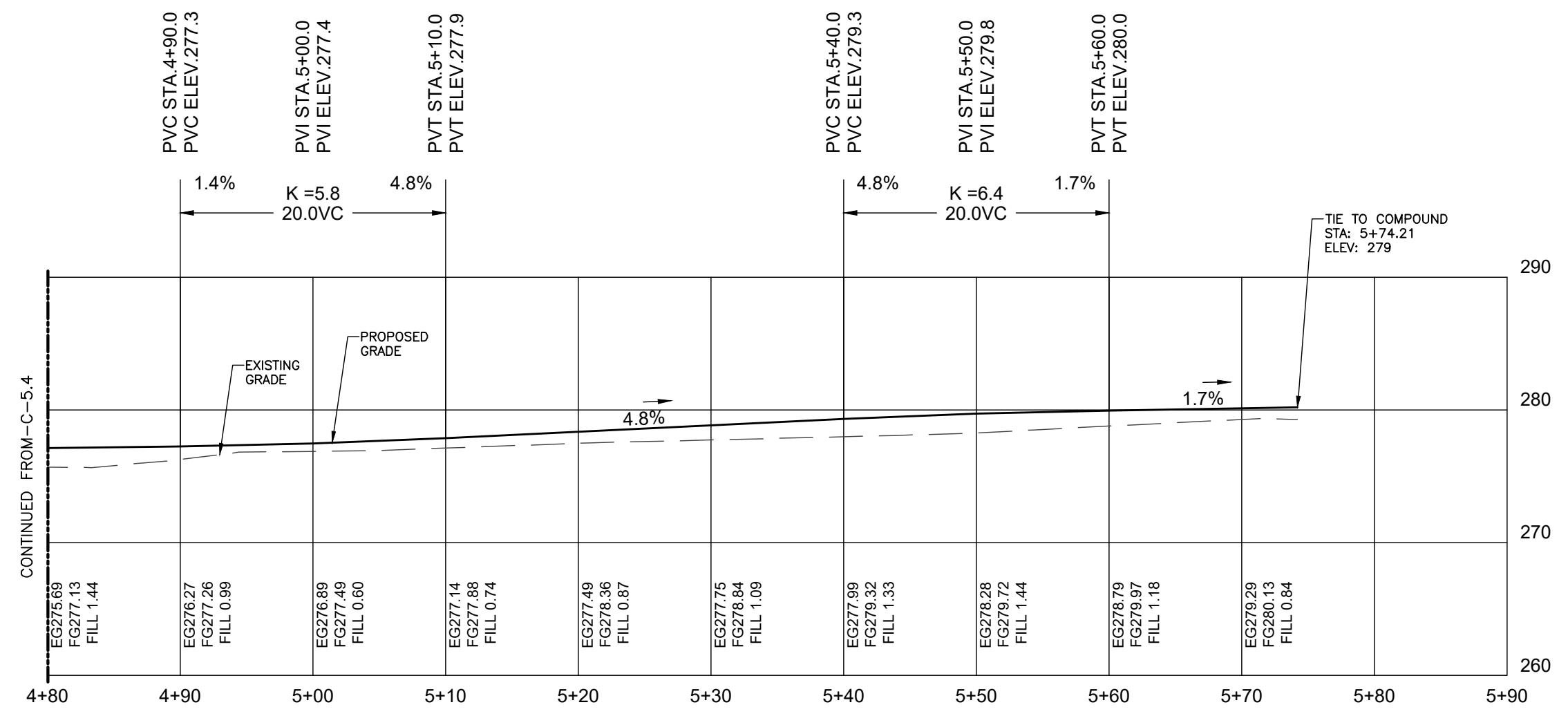
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| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-5.4 | ? |

1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



CONTINUED FROM -C-5.4

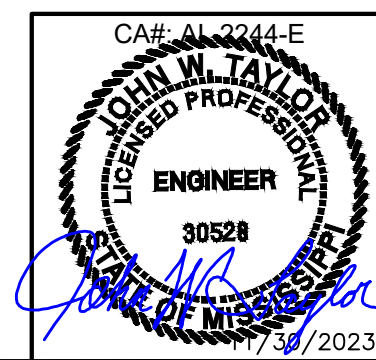
1 PROPOSED ACCESS ROAD PROFILE
 SCALE: 1"=10'

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
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| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 ACCESS ROAD PROFILE
 SHEET

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-5.5 2





DESIGNER: ZDS
 ZDS
 AMD
 AMD
 AMD
 BJB

| DATE | DESCRIPTION |
|----------|-----------------------------------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

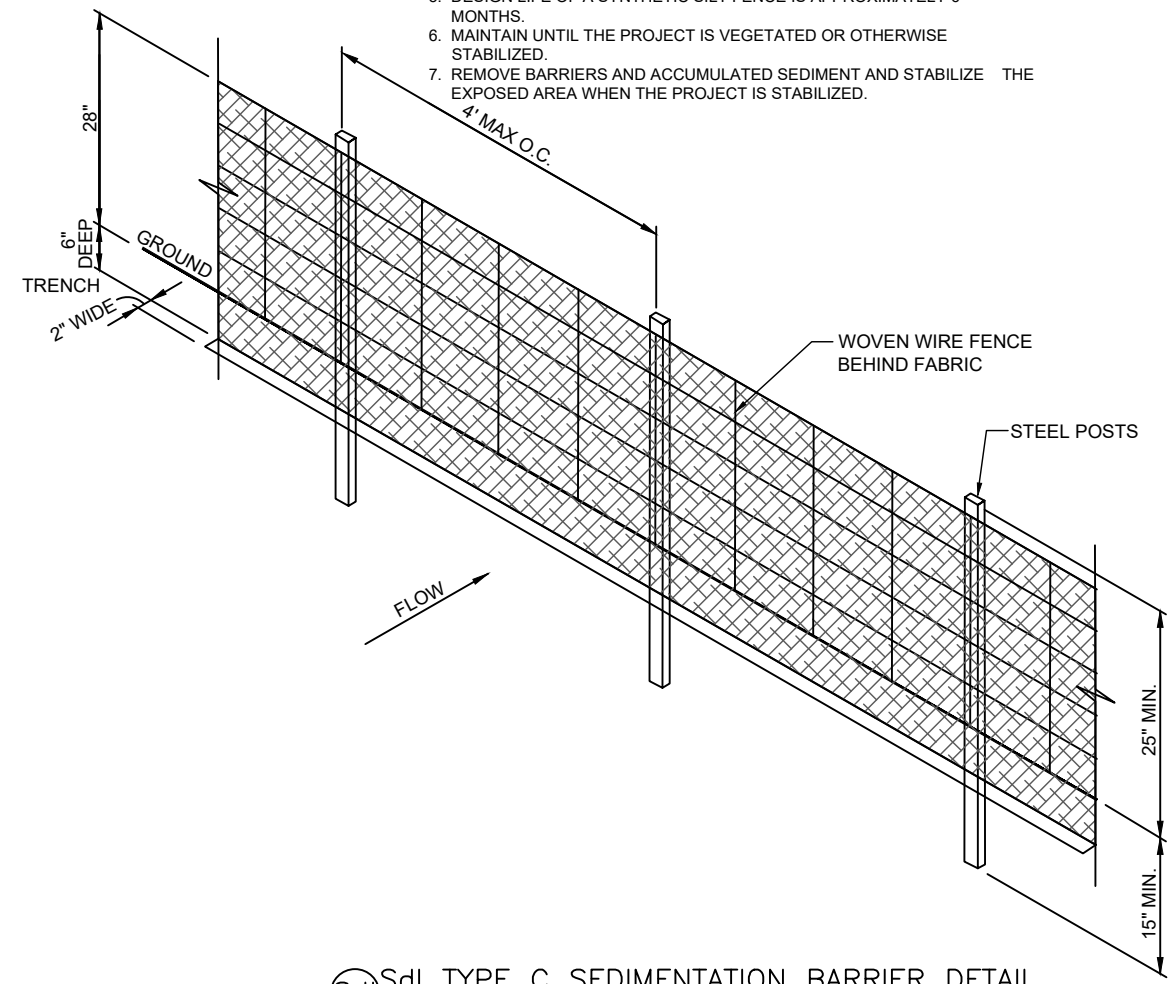
SOUTH GLUCKSTADT
 GRADING, SEDIMENT &
 EROSION CONTROL
 DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

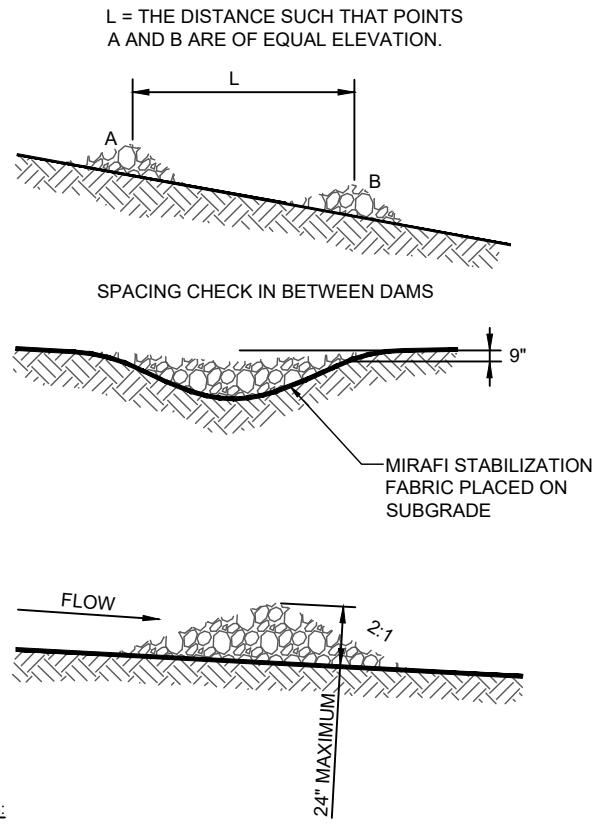
C-6

SITE COORDINATES:
 N 32° 30' 48.075" (32.513954°)
 LATITUDE: N 90° 06' 42.669" (90.111852°)
 LONGITUDE: W 90° 06' 42.669" (90.111852°)

- MAINTENANCE:**
1. INSPECT BARRIERS AT THE END OF EACH WORKING DAY, OR AFTER EACH RAIN, AND REPAIR OR CLEAN AS NECESSARY.
 2. REMOVE SEDIMENT FROM BARRIER WHEN TWO-THIRDS FULL.
 3. DISPOSE OF SEDIMENT SO THAT IT WILL NOT ENTER THE BARRIER AGAIN AND STABILIZE IT WITH VEGETATION.
 4. REPLACE FILTER FABRIC WHEN DETERIORATED.
 5. DESIGN LIFE OF A SYNTHETIC SILT FENCE IS APPROXIMATELY 6 MONTHS.
 6. MAINTAIN UNTIL THE PROJECT IS VEGETATED OR OTHERWISE STABILIZED.
 7. REMOVE BARRIERS AND ACCUMULATED SEDIMENT AND STABILIZE THE EXPOSED AREA WHEN THE PROJECT IS STABILIZED.

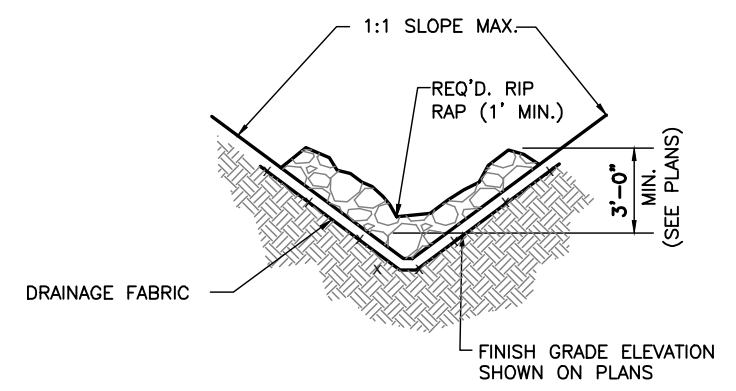


Sd1 TYPE C SEDIMENTATION BARRIER DETAIL
 NOT TO SCALE



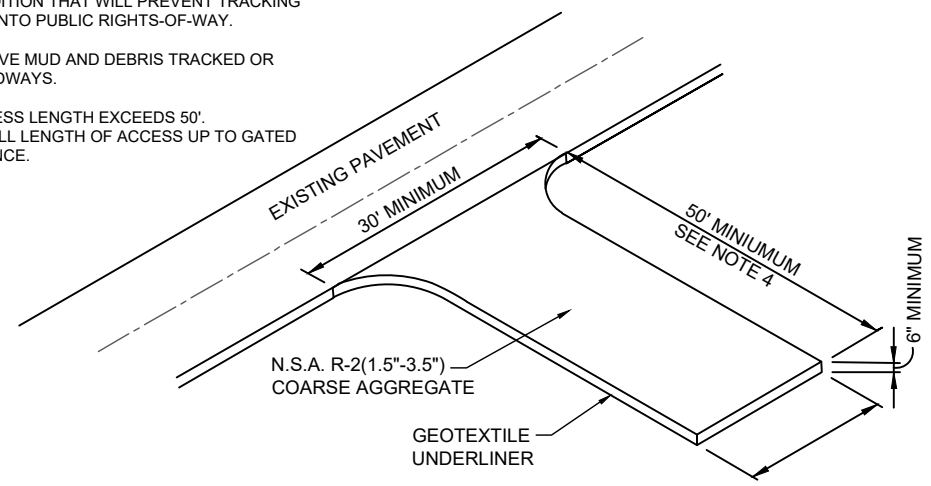
- NOTES:**
1. CHECK DAMS TO BE CONSTRUCTED OF GRADED SIZE 2 - 10 INCH STONE. MECHANICAL OR HAND PLACEMENT SHALL BE REQUIRED TO INSURE COMPLETE COVERAGE OF ENTIRE WIDTH OF DITCH OR SWALE AND THAT CENTER OF DAM IS LOWER THAN EDGES.
 2. SEDIMENT TO BE REMOVED WHEN A LEVEL OF 1/2 THE ORIGINAL DAM HEIGHT OR LESS IS REACHED. REMOVE CHECK DAMS AT COMPLETION OF PROJECT.

Cd CHECK DAM
 NOT TO SCALE



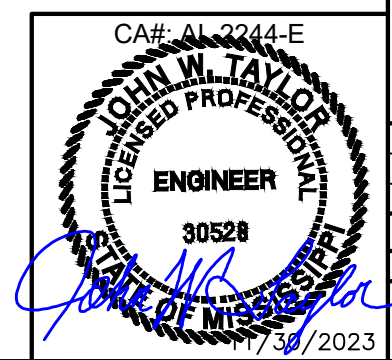
Typical Rip Rap Ditch Section
 SCALE: N.T.S.

- MAINTENANCE:**
1. PERIODICALLY DRESS WITH 1.5"-3.5" STONE.
 2. MAINTAIN IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY.
 3. IMMEDIATELY REMOVE MUD AND DEBRIS TRACKED OR SPILLED ONTO ROADWAYS.
 4. 50' MINIMUM IF ACCESS LENGTH EXCEEDS 50'. OTHERWISE USE FULL LENGTH OF ACCESS UP TO GATED COMPOUND ENTRANCE.



Co CONSTRUCTION EXIT DETAIL
 NOT TO SCALE

- Co** CONSTRUCTION EXIT - TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT-OF-WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.
- Sd1** TYPE C SEDIMENT BARRIER - TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE & ENTERING NATURAL DRAINAGE AREAS OR STORM DRAINAGE SYSTEMS.
- Ds2** DISTURBED AREA STABILIZATION (TEMPORARY) - TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDS ON DISTURBED AREAS.
- Ds3** DISTURBED AREA STABILIZATION (PERMANENT) - TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.
- Du** DISTURBED AREA DUST CONTROL - TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.



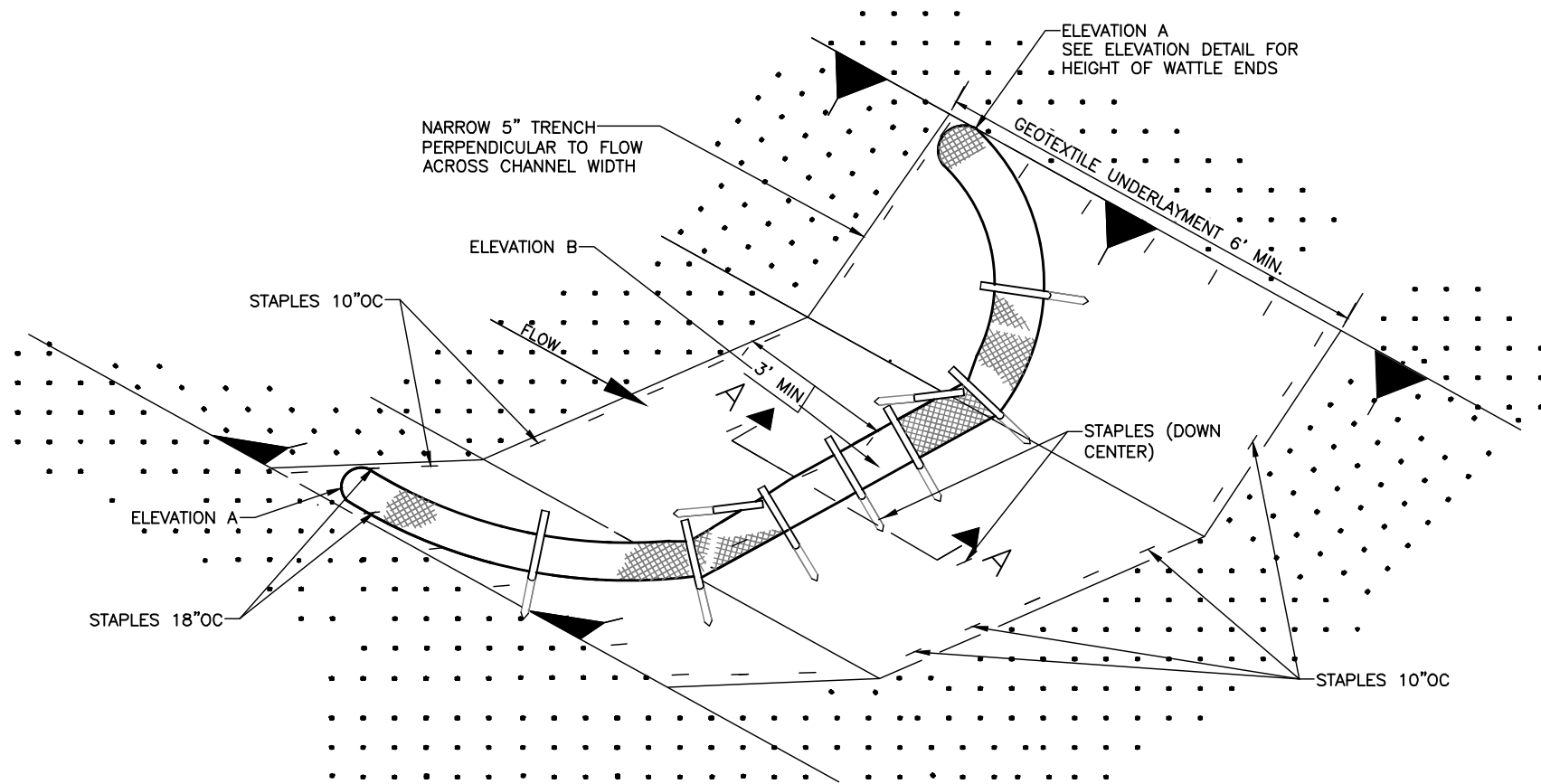


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

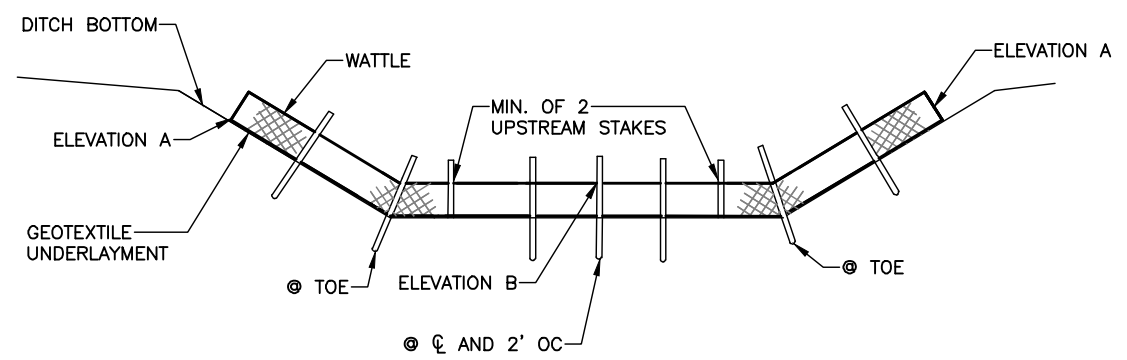
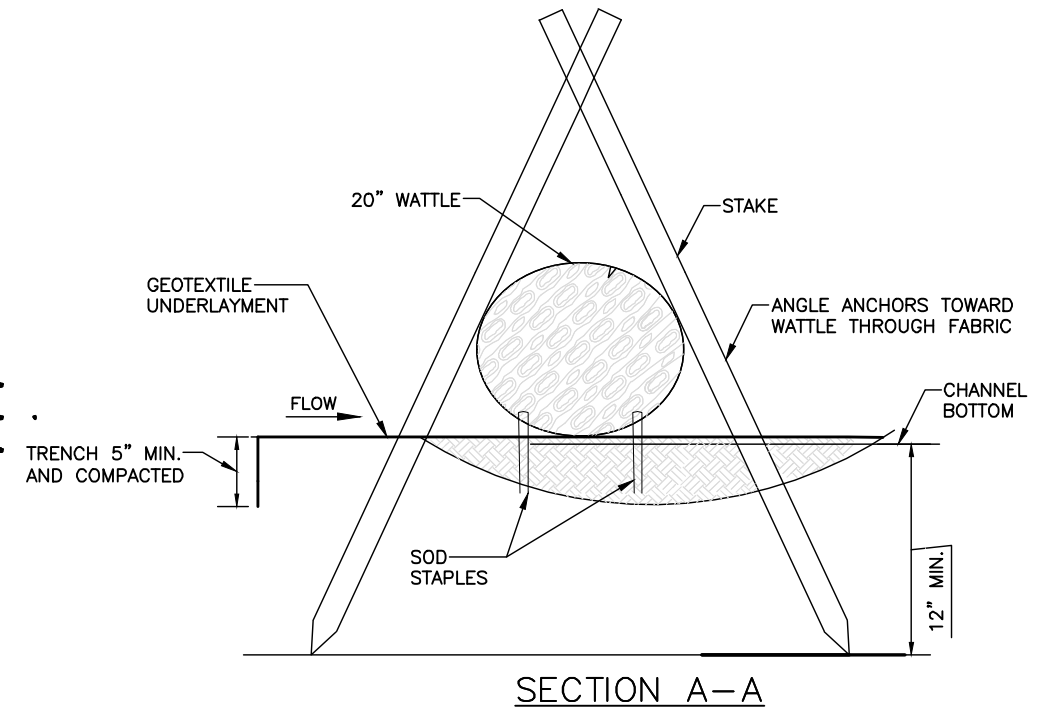
| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
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**SOUTH GLUCKSTADT
 GRADING, SEDIMENT &
 EROSION CONTROL
 DETAILS**

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



DETAIL (DITCH CHECK)



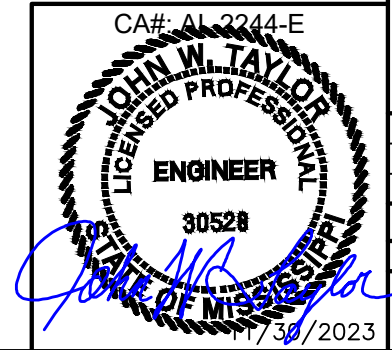
ELEVATION DETAIL

NOTE: END POINTS A MUST BE HIGHER THAN FLOWLINE POINT B

NOTES:

1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 50 FEET UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER.
2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF TWO FEET.
3. SECURE GEOTEXTILE UNDERLAYMENT BY PLACING STAPLES 18 INCHES APART ALONG THE CHANNEL EDGES AND DOWN THE CENTER OF THE CHANNEL. SPACE STAPLES 10 INCHES APART ACROSS THE UPSTREAM AND DOWNSTREAM EDGES.
4. PLACE STAPLES ON BOTH SIDES OF WATTLE AT 10" SPACING.

2 TYPICAL RIP RAP DITCH SECTION
 C-6.1 SCALE: N.T.S.





| | |
|----------|-----|
| DESIGNER | ZDS |
| AM | AM |
| AM | AM |
| AM | AM |
| BJB | |

| | |
|----------|-----------------------------------|
| DATE | DESCRIPTION: |
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| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
EROSION CONTROL
GRADING, SEDIMENT &
VEGETATION SPECS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

C-7 2

SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513354°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)

PIEDMONT VEGETATIVE COVERS

| CALENDAR MONTH | TEMPORARY SEED | APPLICATION RATE/ACRE | PERMANENT SEED | APPLICATION RATE/ACRE |
|----------------|---|---|---|------------------------------------|
| 1. JANUARY | RYE GRASS | 20--40 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA | 8-10 LB. 30-40 LB. |
| 2. FEBRUARY | | | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 3. MARCH | RYE ANNUAL LESPEDEZA WEEPING LOVE GRASS | 2-3 BU. 20-25 LB. 4-6 LB. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10 LB. 30-40 LB. 30-50 LB. |
| 4. APRIL | RYE BROWN TOP MULLET ANNUAL LESPEDEZA SUDAN ANNUAL | 2-3 BU. 30-40 LB. 20-25 LB. 35 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 5. MAY | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 6. JUNE | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | WEEPING LOVE GRASS HULLED BERMUDA BAJA | 4-6 LB. 5-6 LB. 40-60 LB. |
| 7. JULY | WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MULLET | 4-6 LB. 35 LB. 30-40 LB. | | |
| 8. AUGUST | RYE GRASS WEEPING LOVE GRASS | 4050 LB. 4-6 LB. | | |
| 9. SEPTEMBER | | | TALL FESCUE | 30-50 LB. |
| 10. OCTOBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |
| 11. NOVEMBER | WHEAT | 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |
| 12. DECEMBER | RYE RYE GRASS WHEAT | 2-3 BU. 40-50 LB. 2-3 BU. | UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE | 8-10LB. 30-40LB. 30-50 LB. |

- USE A MINIMUM OF 40 LBS. SCARIFIES SEED. THE REMAINING MAY BE USE UN SCARIFIED, CLEAN HULLED SEED
- USE EITHER COMMON SERIAL OR INTERSTATE SERICEA LESPEDEZA

Ds2 DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT IN ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING AND CONSTRUCTIONS, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

HYDRAULIC SEEDING EQUIPMENT WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OF SEEDED PREPARATIONS WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER MULCH WILL BE MIXED WITH WATER AND SUPPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS.

A. SEEDING WITH MULCH: (HYDRAULIC SEEDING EQUIPMENT ON SLOPES 3:1 AND STEEPER)

| | |
|----------------------------|---------------|
| AGRICULTURAL LIMESTONE #75 | 400 LBS/ ACRE |
| FERTILIZER, 05-10-15 | 500 LBS/ ACRE |
| MULCH (STRAW OR HAY OR | 5000LBS/ACRE |
| WOOD CELLULOSE FIBER MULCH | 1000LBS/ACRE |

| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|--|-------------------------------|----------------|
| SERICIA LESPEDEZA, SCARIFIED WEEPING LOVE GRASS, OR COMMON BERMUDA, HULLED | 60 LBS 4 LBS. 6 LBS. | 3/1-6/15 |
| FESCUE SERICEA LESPEDEZA, UNCERTIFIED | 40 LBS. 60 LBS. | 4/1-10/31 |
| FESCUE SERICEA LESPEDEZA, UNCERTIFIED RYE | 40 LBS. 75 LBS. 50 LBS. | 11/1-12/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS. | 6/15-8/31 |

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS/ACRE

C. SECOND YEAR TREATMENT:

FERTILIZER (0-20-20 OR EQUIVALENT) 500 LBS/ACRE

Ds2 DISTURBED AREA STABILIZATION
(WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION
(WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED ON ROAD CUT AND FILL SLOPES, SHOULDERS AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTIONS. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM, SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY & BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING & CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIALS ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

CONVENTIONAL SEEDING EQUIP GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER, IN DRY FORM, WILL SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH A CULTIPACKER-SEEDER ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESH PREPARED SEEDBED AND COVERED LIGHTLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD BY EITHER BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT WAS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)

| | |
|----------------------------|---------------|
| AGRICULTURAL LIMESTONE #15 | 4000 LBS/ACRE |
| FERTILIZE, 5-10-15 | 1500 LBS/ACRE |
| MULCH (STRAY OR HAY) | 5000 LBS/ACRE |

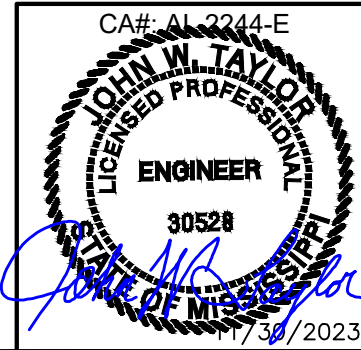
| SEED SPECIES | APPLICATION RATE/ACRE | PLANTING DATES |
|-------------------------------|-----------------------|----------------|
| HULLED COMMON BERMUDA GRASS | 10 LBS | 3/1-6/15 |
| FESCUE | 50 LBS | 9/1-10/31 |
| FESCUE RYEGRASS | 50 LBS 50 LBS | 11/1-2/28 |
| HAY MULCH FOR TEMPORARY COVER | 5000 LBS | 6/15-8/31 |

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS/ACRE

C. SECOND YEAR TREATMENT:

FERTILIZER (0-20-20 OR EQUIVALENT) 800 LBS/ACRE



OWNER CONTACT SIGN

SITE NAME: _____
 SITE NUMBER: _____
 FCC REGISTRATION NUMBER: _____

FOR LEASING INFORMATION: _____ IN CASE OF EMERGENCY: _____

NO TRESPASSING

POSTING OF THIS SIGN REQUIRED BY LAW

OWNER CONTACT SIGN
 WHITE BACKGROUND, BLACK/RED LETTERING
 MOUNTING LOCATION: GATE
 QUANTITY: 1

INFORMATION

Federal Communications Commission
 Tower Registration Number

1 2 3 4 5 6 7

Posted in accordance with Federal Communications Commission rules on antenna tower registration 47 CFR 17.4 (g).

FCC REGISTRATION SIGN
 WHITE/GREEN BACKGROUND, WHITE/BLACK LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 2

DANGER

NO TRESPASSING

DANGER NO TRESPASSING SIGN
 WHITE/BLACK BACKGROUND, BLACK/WHITE LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 1

NOTICE



Radio frequency fields beyond this point may exceed the FCC general public exposure limit.

Obey all posted signs and site guidelines for working in radio frequency environments.

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(a)

NOTICE

AUTHORIZED PERSONNEL ONLY

AUTHORIZED PERSONNEL SIGN
 WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING
 MOUNTING LOCATION: GATE & BASE OF TOWER
 QUANTITY: 1

CAUTION



On this tower:
 Radio frequency fields near some antennas may exceed FCC rules for human exposure.

Personnel climbing this tower should be trained for working in radio frequency environments and use a personal RF monitor.

In accordance with Federal Communications Commission rules on radio frequency emissions 47 CFR 1.1307(a)

NOTICE

GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS

- ⚠ All personnel should have electromagnetic energy (EME) awareness training.
- ⚠ All personnel entering this site must be authorized.
- ⚠ Obey all posted signs.
- ⚠ Assume all antennas are active.
- ⚠ Before working on antennas, notify owners and disable appropriate transmitters.
- ⚠ Maintain minimum 3 feet clearance from all antennas.
- ⚠ Do not stop in front of antennas.
- ⚠ Use personal RF monitors while working near antennas.
- ⚠ Never operate transmitters without shields during normal operation.
- ⚠ Do not operate base station antennas in equipment room.

CA#: AL 2244-E

JOHN W. TAYLOR
 LICENSED PROFESSIONAL
 ENGINEER
 30528

John W. Taylor

11/30/2023

| DATE | DESCRIPTION | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
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| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT

SITE SIGNAGE

DESIGNER: ZDS
 CHECKED BY: JWT
 ENGINEER: JWT

SMW #: 22-1425

SHEET NO.: C-8 REV. ?

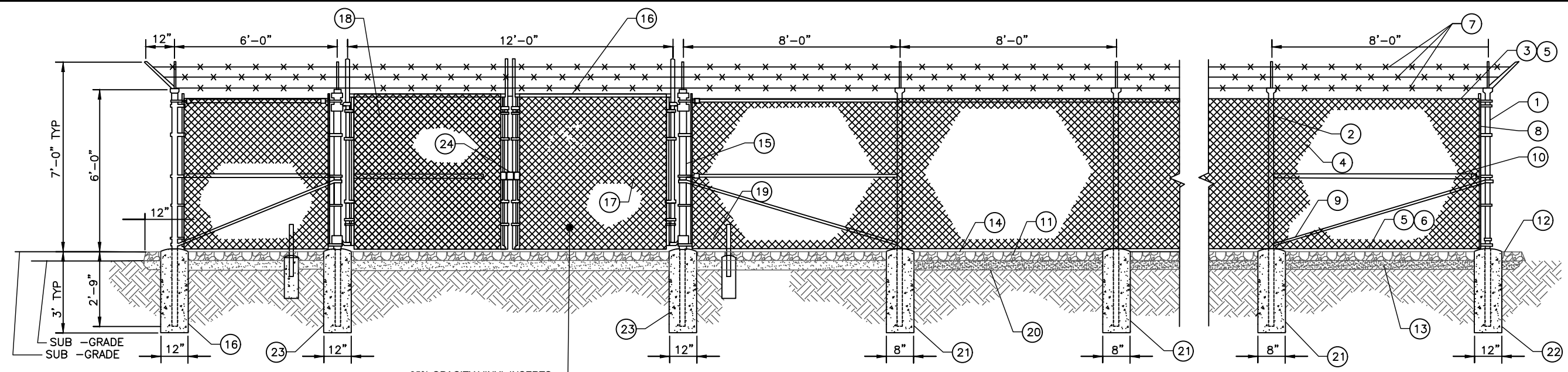
SM ENGINEERING GROUP, N.C.
 FORESITE SERVICES, LLC

at&t

SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



SITE COORDINATES:
 N 32° 30' 48.075" (32.513354°)
 W 90° 06' 42.669" (90.111852°)



GENERAL NOTES:

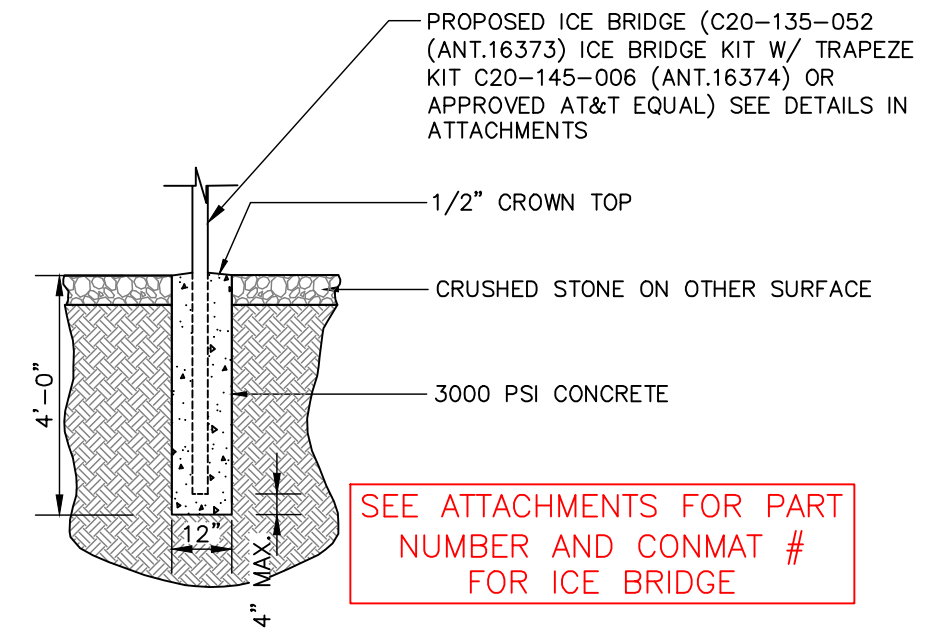
1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM-900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE 1 1/2" GALV. (HOT DIP, ASTM A120 GRADE "A" STEEL) ALL GATE FRAMES SHALL BE WELDED, ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV, (OR EQUAL)
5. ALL OPEN POSTS SHALL HAVE END-CAPS
6. USE GALVANIZED HOG-RING WORE TO MOUNT ALL SIGNS
7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC
8. USE COMMERCIAL GRADE MATERIALS ONLY

85% OPACITY VINYL INSERTS
 TO BE INSTALLED WITHIN
 WIRE MESH OF FENCE

85% OPACITY VINYL INSERTS
 TO BE INSTALLED WITHIN
 WIRE MESH OF FENCE

REFERENCE NOTES:

- | | |
|--|---|
| ① CORNER END OR PULL POST 3" NOMINAL SCHEDULE 40 PIPE. | ⑫ 2" FINISH OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK |
| ② LINE POST: 2 1/2" SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 8'-0" O.C. | ⑬ 4" COMPACTED 95% BASE MATERIAL OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK. |
| ③ TOP RAIL & BRACE RAIL: 1 1/2" PIPE, PER ASTM-F1083 | ⑭ FINISH GRADE SHALL BE UNIFORM AND LEVEL |
| ④ FABRIC" 9GA CORE WIRE SIZE 2' MESH, CONFORMING TO ASTM-A392 | ⑮ GATE POST 4" SCHEDULE 40 PIPE. FOR GATE WIDTHS UP THRU 7 FEET OR 4 FEET FOR DOUBLE SWING GATE, PER ASTM-F1083 |
| ⑤ TIE WIRE: MINIMUM II GA GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE END AT TENSIONS WIRE BU HOG RINGS SPACED AX. AT 24" O.C. | ⑯ GATE FRAME: 1 1/2" PIPE, PER ASTM-F1083 |
| ⑥ TENSION WIRE: 9GA GALVANIZE STEEL | ⑰ GATE FRAME: 1 5/8" PIPE, PER ASTM-F1083 |
| ⑦ BARBED WIRE: DOUBLE STRAND 12 1/2" OD TWISTED WIRE TO MATCH WITH FABRIC 14GA, 4PT. BARBS SPACE ON APPROX.5" CENTERS | ⑱ GATE DIAGONAL GALVANIZED STEEL 1 1/2" PIPE |
| ⑧ STRETCHER BAR | ⑲ DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION |
| ⑨ 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD | ⑳ GEOMETRIES FABRIC |
| ⑩ FENCE CORNER POST BRACE: 1 5/8" DIAZ. EACH CORNER EACH WAY | ㉑ LINE POST: CONCRETE FOUNDATION (2000 PSI) |
| ⑪ 1 1/2" MAXIMUM CLEARANCE FROM GRADE | ㉒ CORNER POST: CONCRETE FOUNDATION (2000 PSI) |
| | ㉓ GATE POST" CONCRETE FOUNDATION (2000 PSI) |
| | ㉔ STYMIE LOCK OR EQUIVALENT |



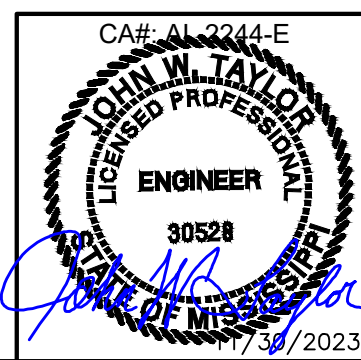
ICE BRIDGE FOUNDATION DETAIL
 NOT TO SCALE

SEE ATTACHMENTS FOR PART NUMBER AND CONMAT # FOR ICE BRIDGE

| DATE | DESCRIPTION: | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
FENCE & ICE BRIDGE
DETAILS

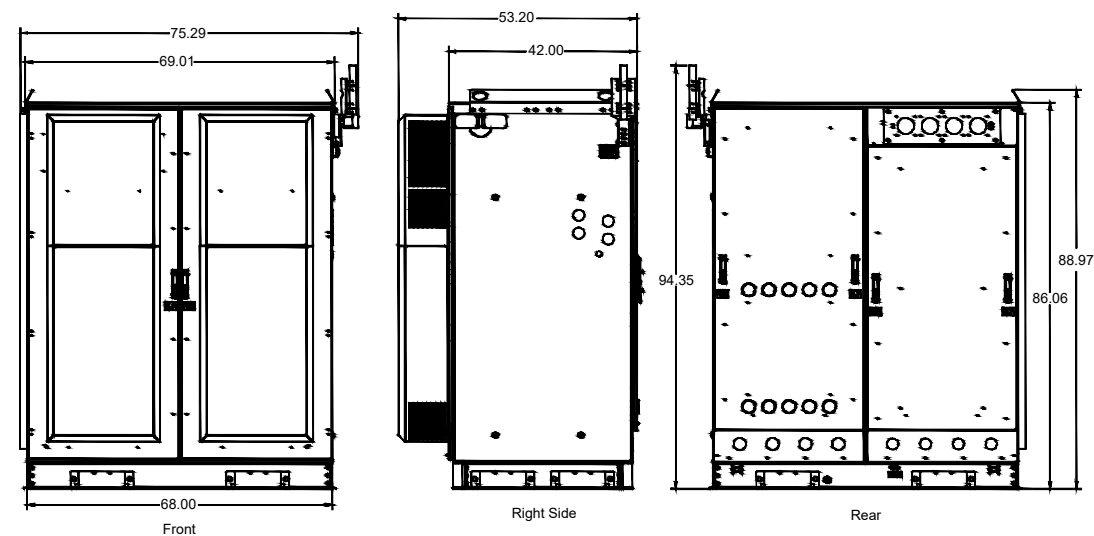
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |





SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513354°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

FIGURE 2.2 ENCLOSURE DIMENSIONS (F2020029) (2-BAY)



Notes:
 1. All dimensions are in inches.

FIGURE 2.3 ENCLOSURE DIMENSIONS (F2020030) (3-BAY)

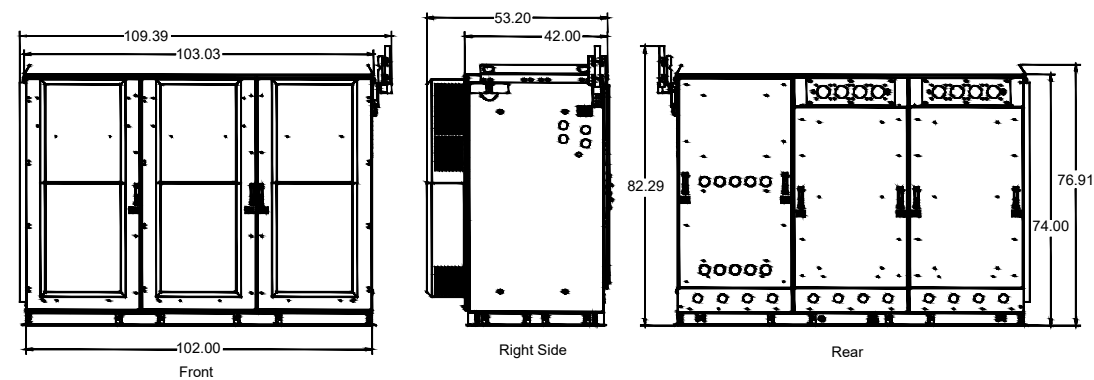
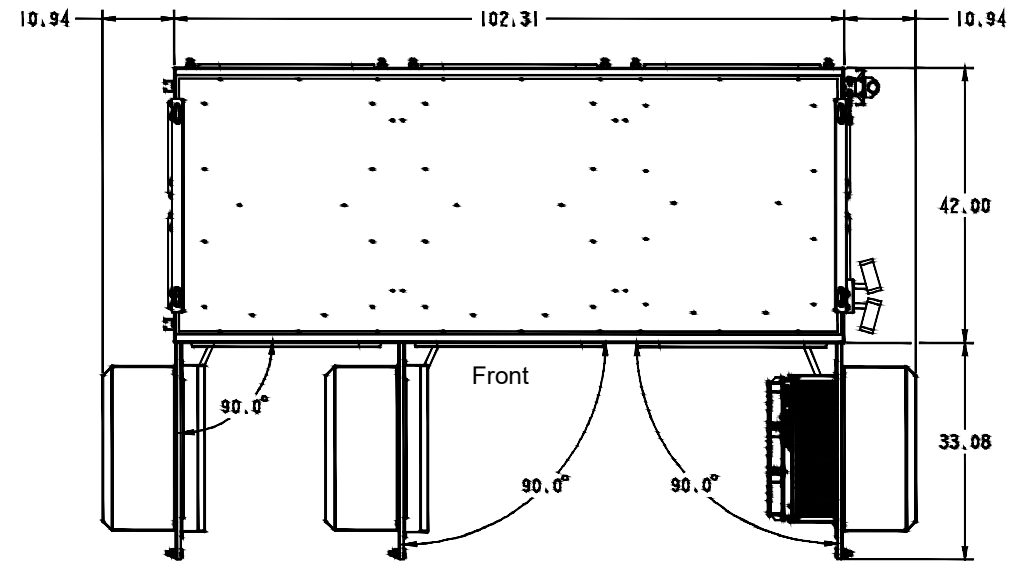
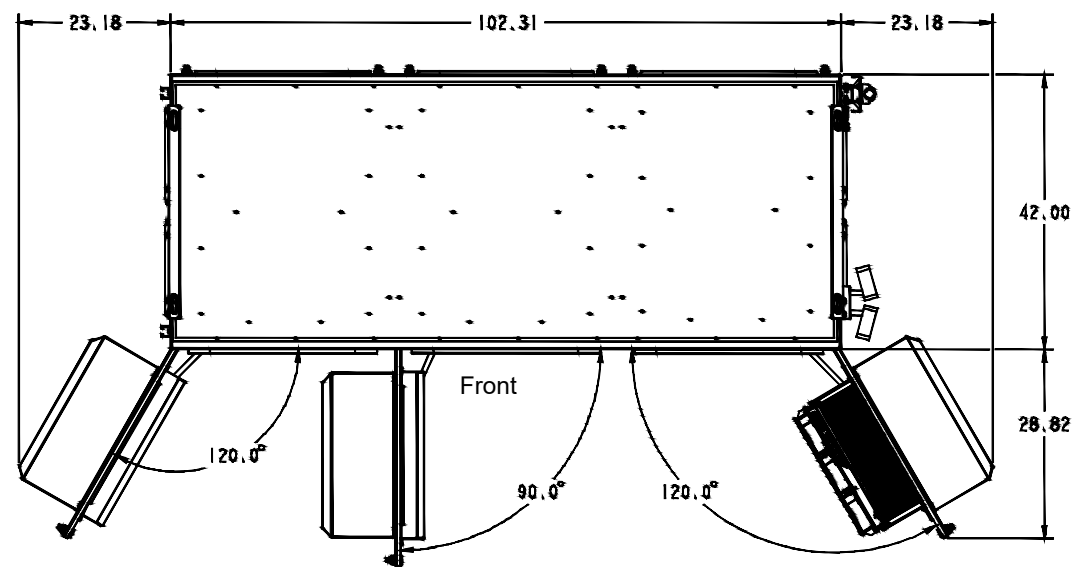


FIGURE 2.5 OVERHEAD VIEW WITH DOOR OPEN (F2020030) (3-BAY)



Notes:
 1. All dimensions are in inches.



DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

FOR REFERENCE ONLY

| DATE | DESCRIPTION: | DESIGNER: |
|----------|-----------------------------------|-----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 WALK-UP CABINET
 (WUC) DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| C-10 | 2 |



Vertiv™ NetSure™ X701 Walk Up Cabinet (WUC)

Description

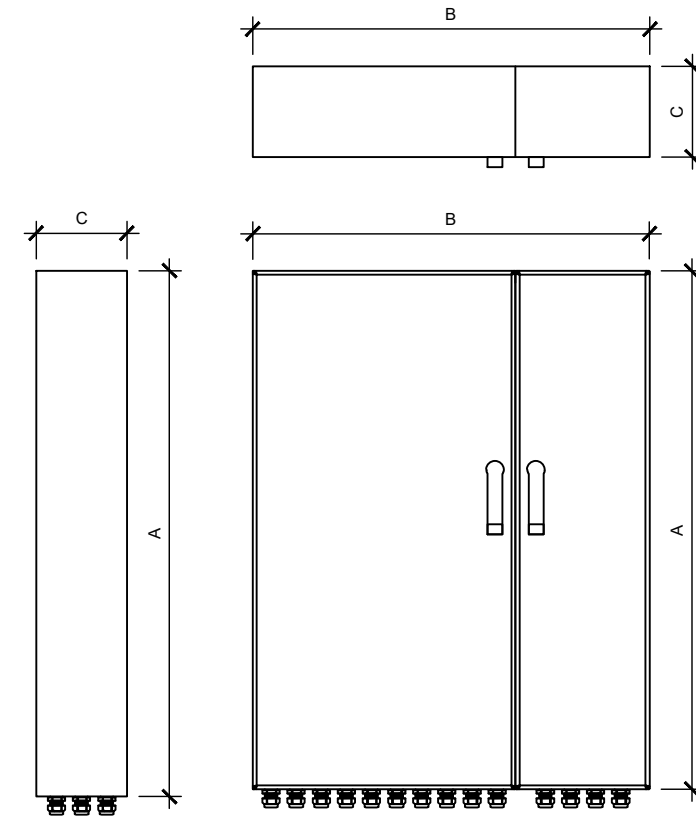
The Vertiv™ NetSure™ X701 provides room for power, batteries, and other sensitive equipment in a single convenient outdoor enclosure. Its aluminum construction provides protection from both vandalism and harsh environmental conditions while still standing up to high winds and seismic events. With up to 15kW of heat dissipation available, the NetSure™ X701 outdoor enclosure is designed to handle ever-increasing heat load requirements at your base station and network edge sites.

- UL 2416 Certified
- Factory-integrated Vertiv™ NetSure™ 512 DC power system supports -48V and -58V DC load requirements
- Battery trays for (3) strings of VRLA batteries up to 210Ah each
- Up to 74RU of available equipment space
- Convenient cable entry and management throughout the enclosure



Technical Specifications

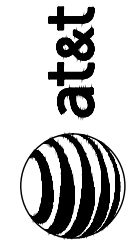
| Enclosure | | |
|-----------------------|--|-------------------------------------|
| Two-Bay | Dimensions (H x W x D) | 86" x 68" x 54" |
| | Weight | 1300 lbs. |
| | Equipment Space | 43 RU available |
| | Color | Cool White |
| | Cabinet Access | Front door and rear panels |
| Three-Bay | Dimensions (H x W x D) | 74" x 102" x 54" |
| | Weight | 1650 lbs. |
| | Equipment Space | 76 RU available |
| | Color | Cool White |
| | Cabinet Access | Front door and rear panels |
| Security | | |
| | | All handles can accommodate padlock |
| Mounting | | |
| Mounting Options | Pad; Platform | |
| Racks | Adjustable 19" to 23" racks in each equipment chamber | |
| Electrical | | |
| Input/Output Voltage | 208/240VAC single-phase input; -48VDC primary/-58VDC secondary output | |
| Maximum Input Current | N/A (Generally used w/ customer-provided service entrance transfer switch, generally 200A) | |
| Environmental | | |
| Operating Temperature | -40°C to 46°C | |
| Relative Humidity | 0% to 95% non-condensing | |
| Thermal Solutions | | |
| Heat Exchanger | 6000 watts in each equipment chamber, 2800 watts in power chamber | |
| Equipment Chamber | | |
| DC Power | Factory-integrated NetSure 512 system | |
| AC Outlet | GFI | |
| Grounding | Ground bar in each chamber | |
| Standards Compliance | | |
| Safety | UL 2416 | |
| Environment | Designed for Telcordia GR-487 | |



| RAYCAP SPECIFICATIONS | | | | |
|-----------------------|--------|-------|------|--------------|
| RAYCAP MODEL | A | B | C | WEIGHT (LBS) |
| DC50-48-60-96-50F | 52.24" | 40.0" | 9.0" | 165.0 |

DETAILS BY OTHERS NOTE:
 DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF SMW AND/OR IT'S ENGINEERS.

FOR REFERENCE ONLY



| | |
|------------------------------------|-----|
| DESIGNER: | ZDS |
| ISSUED FOR CLIENT REVIEW: | AMD |
| ISSUED FOR ZONING: | AMD |
| REVISED PER CONCRETE PAD: | AMD |
| REVISED PER TOWER DRAWINGS & RFDS: | AMD |
| REVISED PER JRX COMMENTS: | BJB |

| | |
|----------|-----------------------------------|
| DATE | DESCRIPTION: |
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

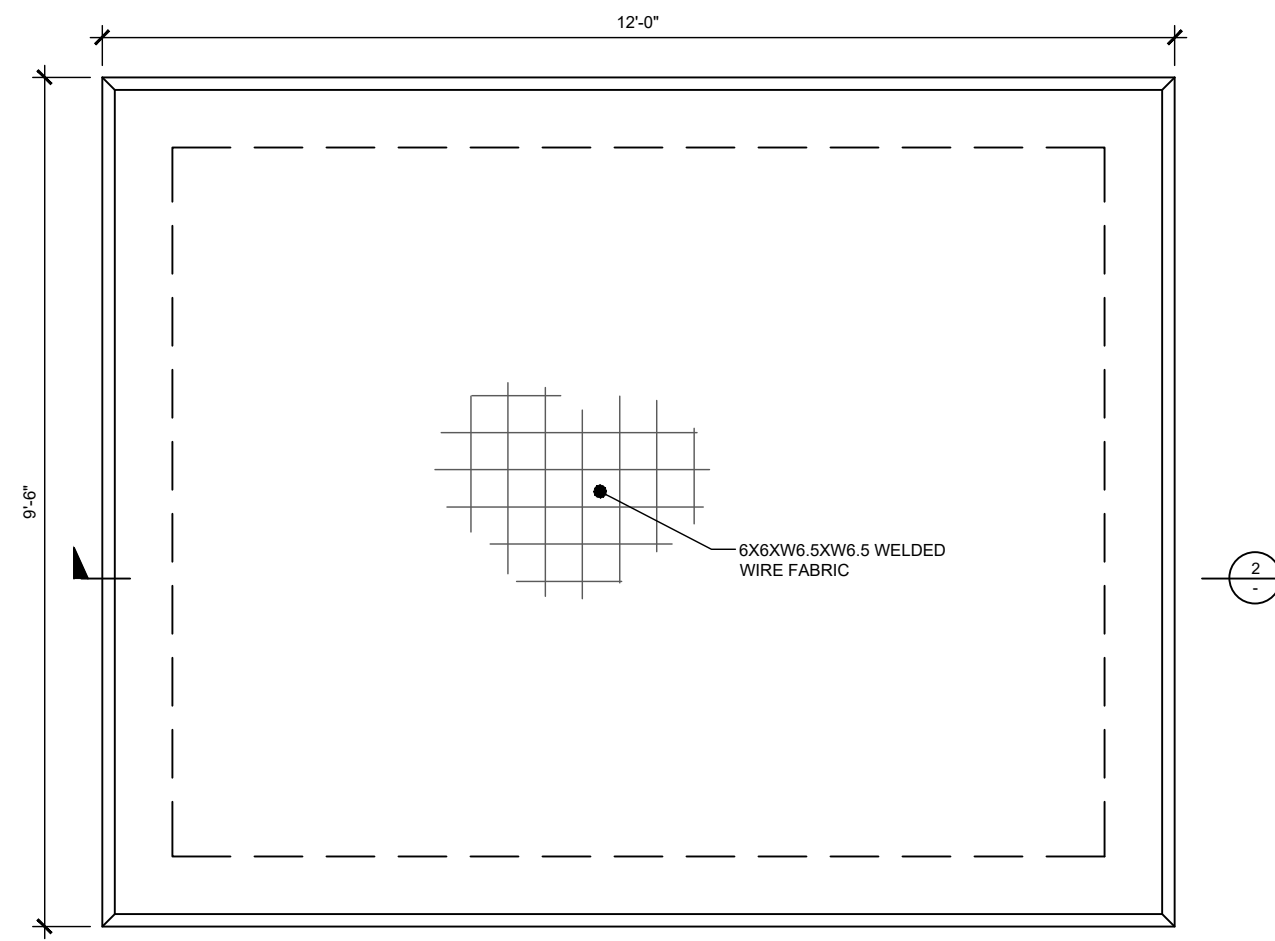
SOUTH GLUCKSTADT
 WALK-UP CABINET
 (WUC) DETAILS

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

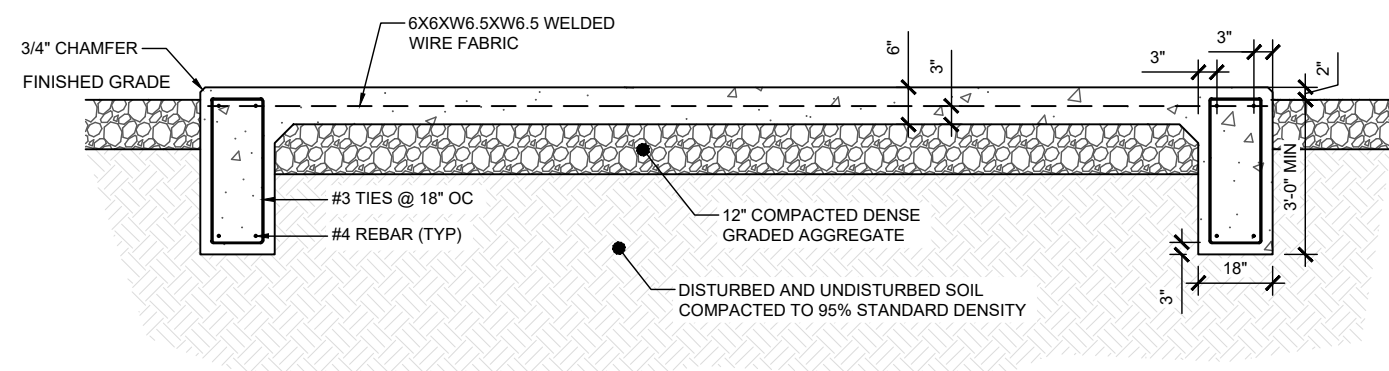
C-10.1 2



SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



1 EQUIPMENT FOUNDATION PLAN
 SCALE: NOT TO SCALE



2 FOUNDATION SECTION
 SCALE: NOT TO SCALE

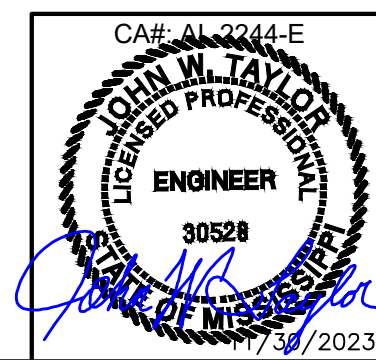
NOTES:

1. SLAB TO BE LEVEL ±1/4".
2. FOOTING TO EXTEND A MINIMUM OF 24" BELOW UNDISTURBED SOIL OR 6" BELOW FROST LINE.
3. FINAL SITE DESIGN IS THE RESPONSIBILITY OF THE SITE CONTRACTOR.
4. CONTRACTOR SHALL VERIFY DESIGN WITH ACTUAL SITE CONDITIONS. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.
5. ENGINEER OF ANY DISCREPANCIES.
6. SLAB FOUNDATION DESIGNED ASSUMING ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.
7. SLAB FOUNDATION DESIGNED ASSUMING MAXIMUM SOIL PLASTICITY INDEX OF 27.
8. CONCRETE STRENGTH SHALL BE A MINIMUM OF 3000 PSI.
9. CONTRACTOR SHALL VERIFY DIMENSIONS AND BOLT LAYOUT WITH SELECTED SHELTER.

| DATE | DESCRIPTION: | DESIGNER |
|----------|-----------------------------------|----------|
| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
FOUNDATION DETAIL

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

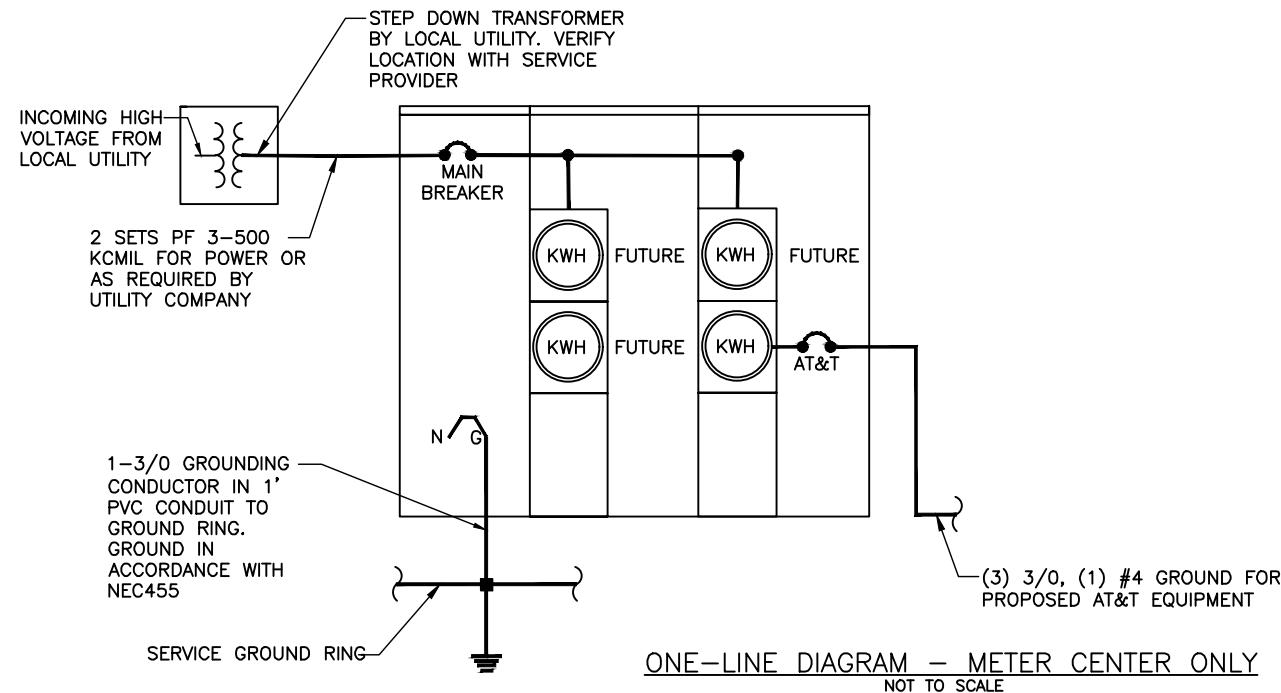


C-11 2

ELECTRICAL INSTALLATION NOTES

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
- CONDUIT ROUTINGS ARE SCHEMATIC. SUBCONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
- WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TELCORDIA
- ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC AND TELCORDIA.
- CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
- EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR CAPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).
- PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
- POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
- ALL POWER AND POWER GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).

- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
- RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
- CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS
- METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
- THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.
- THE SUBCONTRACTOR SHALL LABEL THE METER BASE PER LOCAL UTILITY REQUIREMENTS.



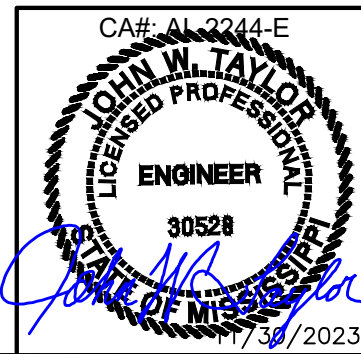
ONE-LINE DIAGRAM - METER CENTER ONLY
NOT TO SCALE

Section 10, Item C)



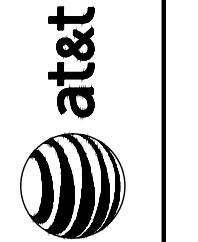
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| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |

SOUTH GLUCKSTADT
ELECTRICAL SPECS & ONE-LINE DIAGRAM



| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| E-1 | 2 |

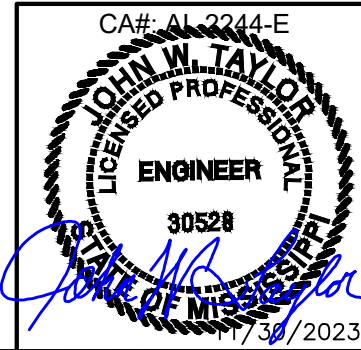
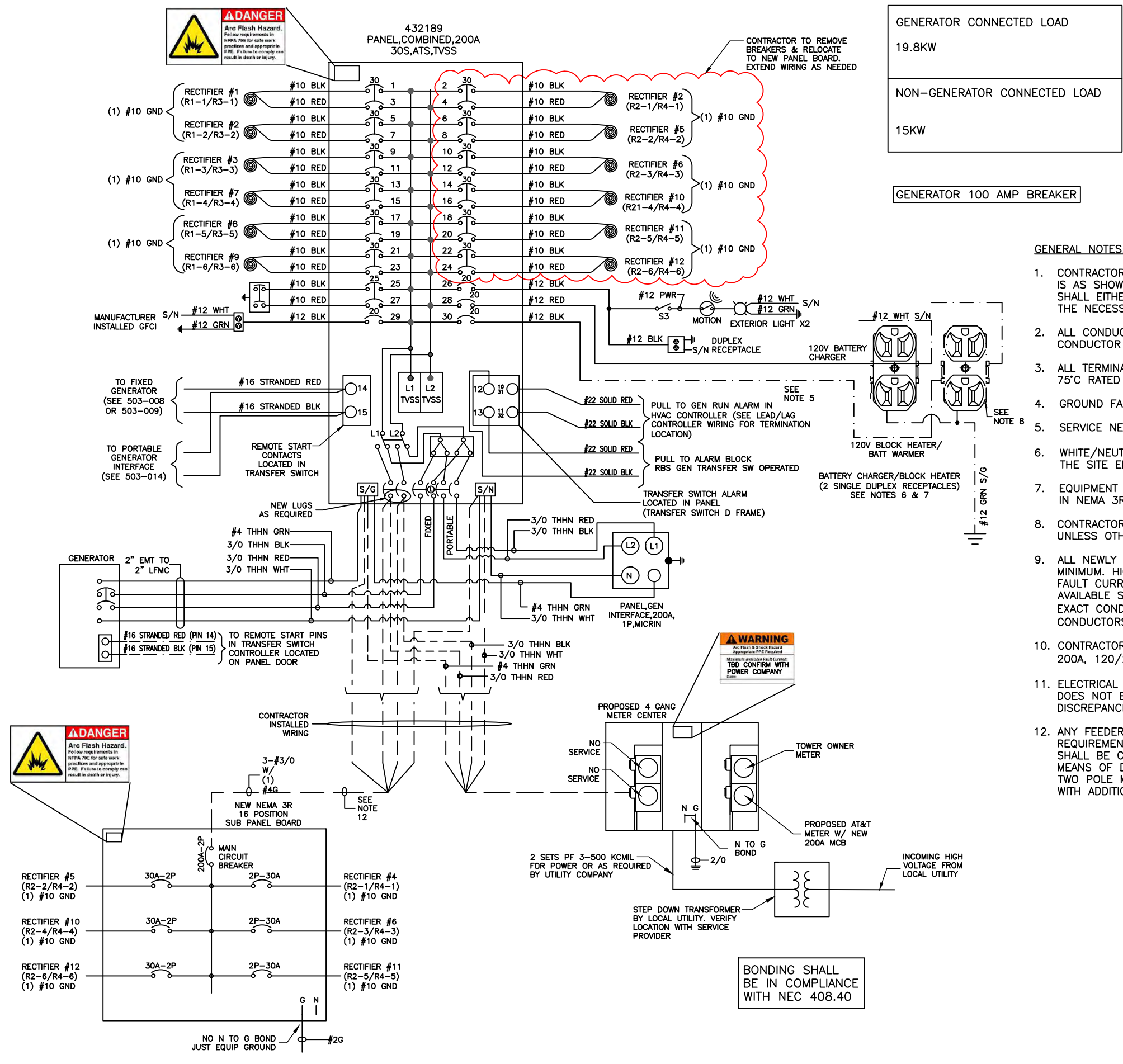
SMW
ENGINEERING GROUP, N.C.
FORESITE SERVICES, LLC
SITE COORDINATES:
LATITUDE: N 32° 30' 48.075" (32.513354°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)



| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
ELECTRICAL ONE-LINE

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



11/30/2023



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| DESIGNER: | ZDS |
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| BJB | |

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| DATE | DESCRIPTION: |
| 01/26/23 | ISSUED FOR CLIENT REVIEW |
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| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
UTILITY SITE PLAN

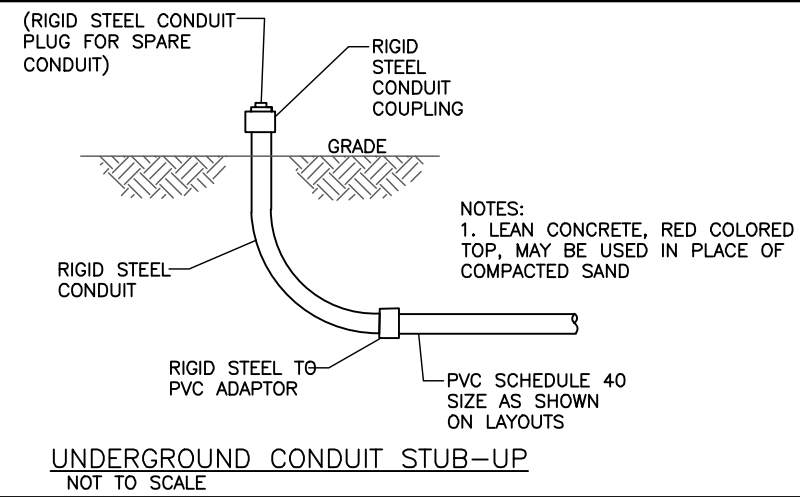
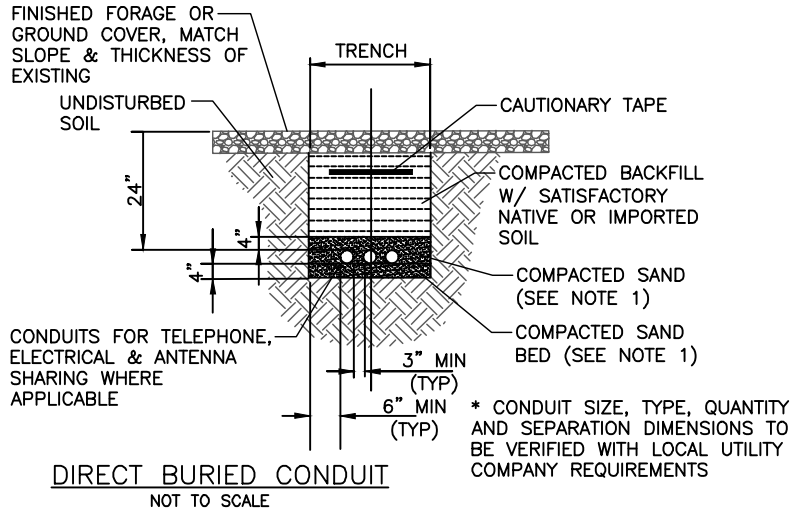
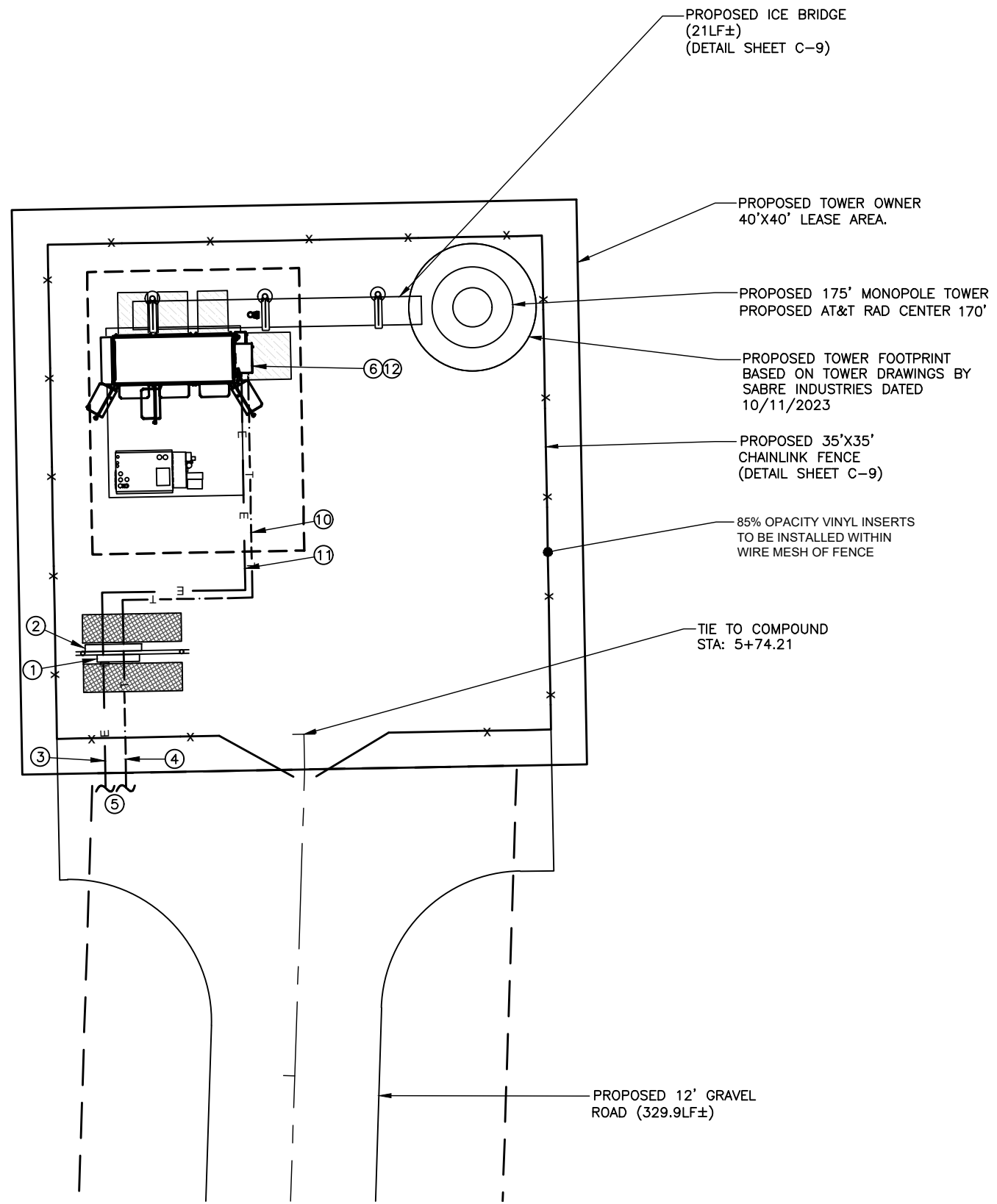
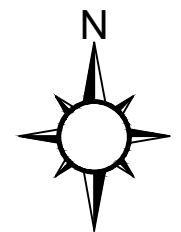
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| SHEET NO.: | REV. |

E-2

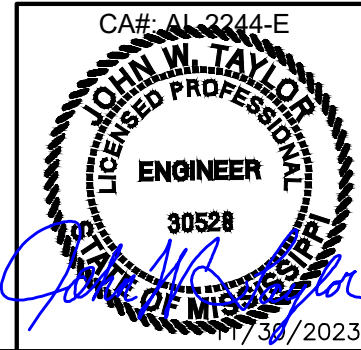
ENGINEERING GROUP, N.C.
17001 PINE PLANTATION AVENUE, FARMERSVILLE, NC 27834
FORESITE SERVICES, LLC
SOUTH GLUCKSTADT, NC 27834
SITE COORDINATES: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.669" (90.111852°)

ELECTRICAL KEY NOTES

- ① PROPOSED 4 GANG METER PANEL. SEE SHEET E-5 FOR MOUNTING DETAILS. SEE SHEET E-1 FOR ELECTRICAL ONE-LINE DIAGRAM ELECTRICAL KEY NOTES
- ② PROPOSED 48"x48"x12" TELCO CABINET. SEE E-5 FOR MOUNTING DETAILS
- ③ PROPOSED (2) 3" PVC CONDUIT FOR POWER SERVICE
- ④ PROPOSED (1) 4" PVC CONDUIT W/ INNERDUCTS FOR TELCO SERVICE
- ⑤ PROPOSED SERVICE TO BE COORDINATED WITH UTILITY PROVIDER FOR FINAL CONNECTION TO EXISTING UTILITIES
- ⑥ PROPOSED ELECTRICAL LOAD CENTER
- ⑦ PROPOSED CONDUIT FOR TOWER LIGHTING, COORDINATE SIZE WITH MANUFACTURER
- ⑧ PROPOSED 100A RATED NEMA SR. LOAD CENTER FOR TOWER LIGHTING CONTROLS (TYP)
- ⑨ PROPOSED TOWER LIGHTING FLASH CONTROLLER AND PHOTOCELL (TYP)
- ⑩ PROPOSED TRENCH FOR NEW U/G TELCO SERVICES (40'±) (1) 4"Ø PVC W/ (3) 1-1/4" INNERDUCTS AND MULE TAPE FROM NEW COMMUNITY UTILITIES RACK TO NEW AT&T EQUIPMENT CABINET.
- ⑪ PROPOSED TRENCH FOR NEW U/G ELECTRICAL SERVICE (40'±) (1) 2"Ø PVC FROM NEW COMMUNITY UTILITIES RACK TO NEW AT&T EQUIPMENT CABINET.
- ⑫ PROPOSED TELCO ACCESS



1
E-2
UTILITY SITE PLAN
SCALE: 1" = 10'



TELCO REDLINES TO BE PROVIDED AT LATER DATE

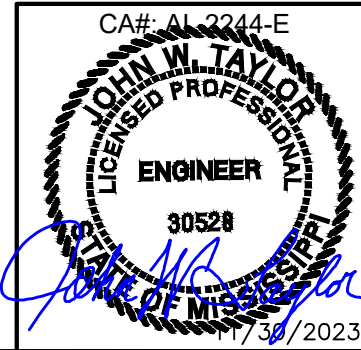


SITE COORDINATES:
 LATITUDE: N 32° 30' 48.075" (32.513954°)
 LONGITUDE: W 90° 06' 42.669" (-90.111852°)

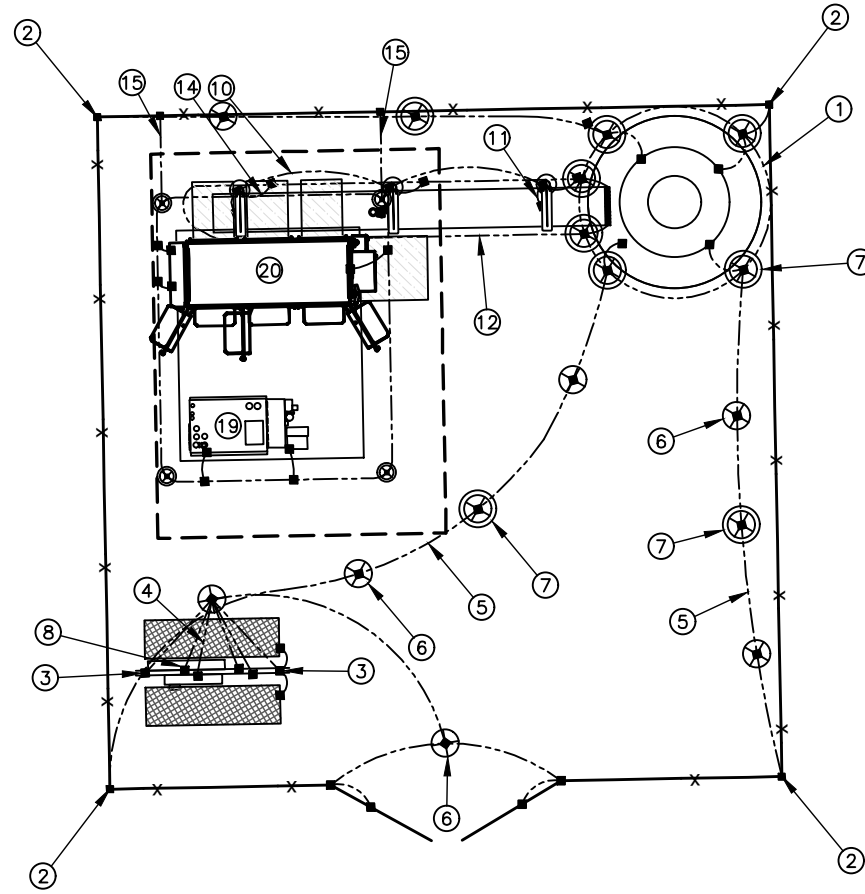
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| 01/26/23 | ISSUED FOR CLIENT REVIEW | ZDS |
| 07/24/23 | ISSUED FOR ZONING | AMD |
| 08/15/23 | REVISED PER CONCRETE PAD | AMD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS | AMD |
| 11/30/23 | REVISED PER JRX COMMENTS | BJB |

SOUTH GLUCKSTADT
 OVERALL UTILITY SITE
 PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |
| E-2.1 | ? |



- ① #2 AWG BARE TINNED SOLID COPPER GROUND RING BURIED 30" BELOW GRADE (TYP)
- ② BOND FENCE & GATE POSTS TO GROUND RING WITH CADWELD CONNECTION (TYP)
- ③ BOND ALL H-FRAME POSTS TO GROUND RING
- ④ BOND TELCO BUSS BAR TO GROUND RING
- ⑤ BOND TOWER BASE PLATE AT EACH LEG TO TOWER GROUND RING PER TOWER OWNER SPECIFICATIONS
- ⑥ PROPOSED GROUND ROD (TYP)
- ⑦ PROPOSED GROUND ROD WITH INSPECTION WELL
- ⑧ 1-#3/0 GROUNDING TO CONDUCTOR IN 1" PVC CONDUIT TO GROUND RING
- ⑨ BOND TOWER LIGHTING CONTROLLER TO GROUND RING PER THE MANUFACTURERS SPECIFICATIONS
- ⑩ #2 AWG GREEN INSULATED JUMPER FROM ICE BRIDGE POST TO GRIPSTRUT
- ⑪ ICE BRIDGE GROUND (POST TO POST)
- ⑫ #2 AWG COPPER GROUND WIRE TO TOWER GROUND RING (TYP x2)
- ⑬ #2 AWG GREEN INSULATED JUMPER AT ICE BRIDGE SPLICES
- ⑭ #2 AWG TINNED COPPER WIRE GROUND FROM ICE BRIDGE POST TO CLOSEST GROUND RING (TYP)
- ⑮ #2 AWG GROUND FENCE POST TO SHELTER OR GENERATOR GROUND RING (TYP)



1 GROUNDING SITE PLAN
E-3 SCALE: 1"=10'

CA#: AL-2244-E

JOHN W. TAYLOR
LICENSED PROFESSIONAL
ENGINEER
30528
STATE OF MISSISSIPPI

11/30/2023

Section 10, Item C)

SITE COORDINATES: N 32° 30' 48.075" (32.513954°)
LATITUDE: N 32° 30' 48.075" (32.513954°)
LONGITUDE: W 90° 06' 42.669" (-90.111852°)

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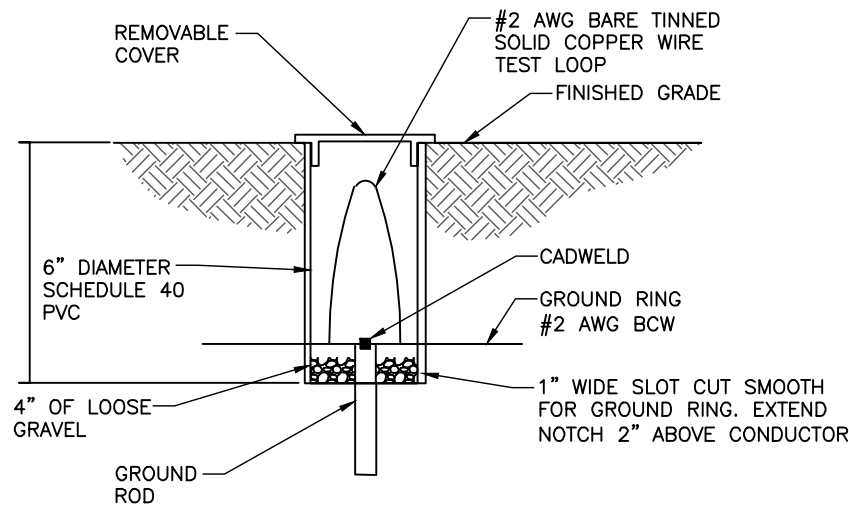
SOUTH GLUCKSTADT
GROUNDING SITE PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

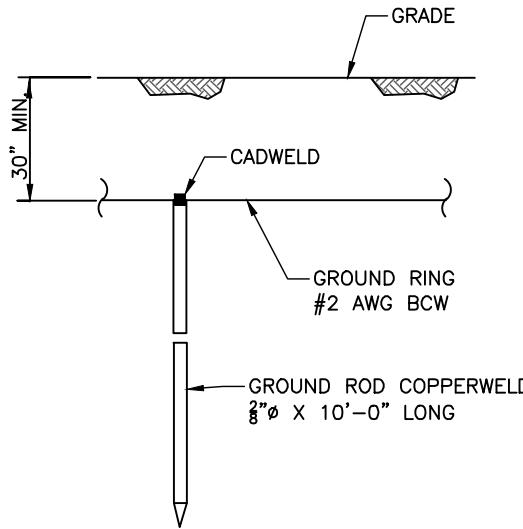
E-3 2



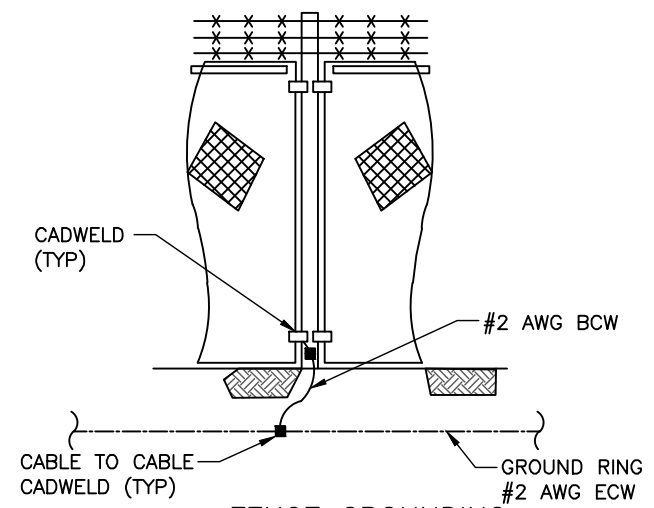
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 LONGITUDE: W 90° 06' 42.669" (-90.111852°)



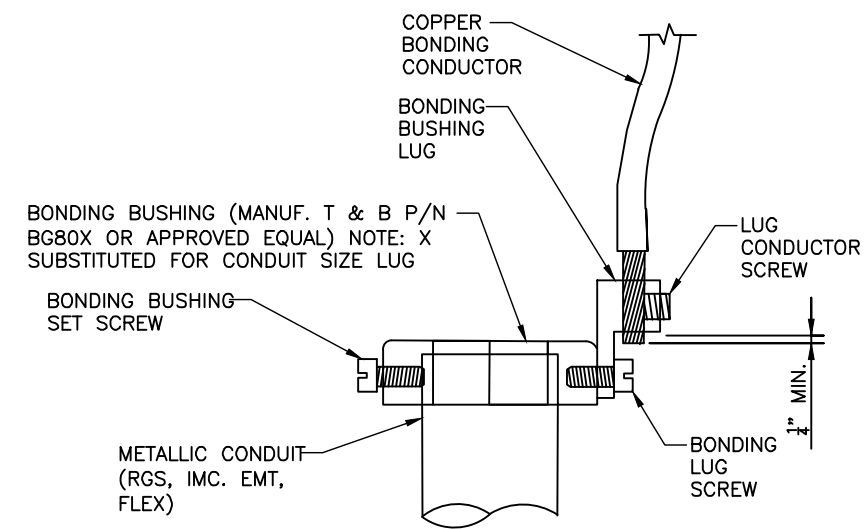
6" GROUND ROD INSPECTION WELL
 NOT TO SCALE



GROUND ROD DETAIL
 NOT TO SCALE



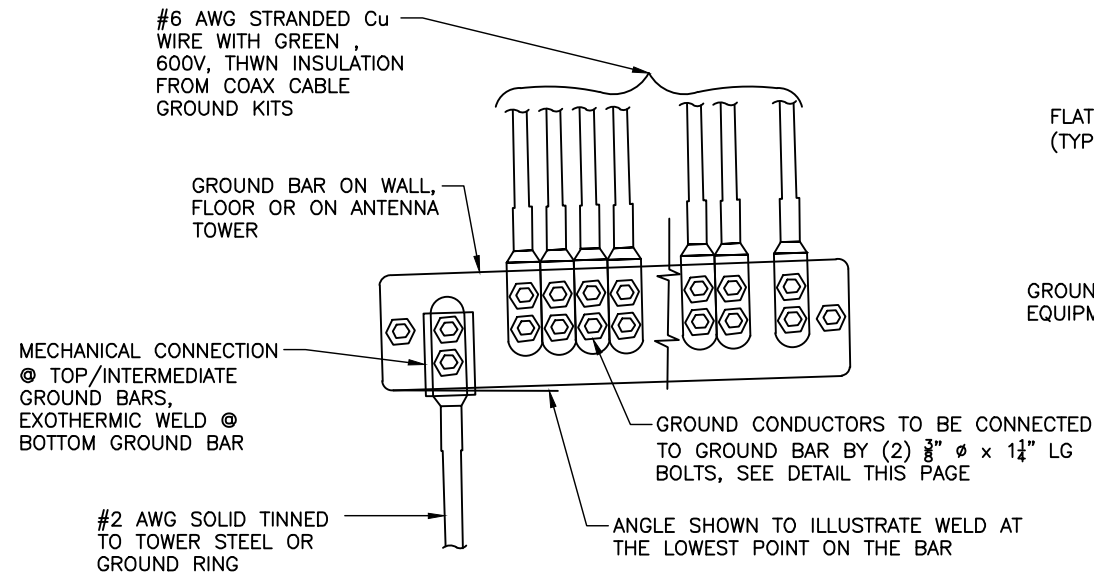
FENCE GROUNDING
 NOT TO SCALE



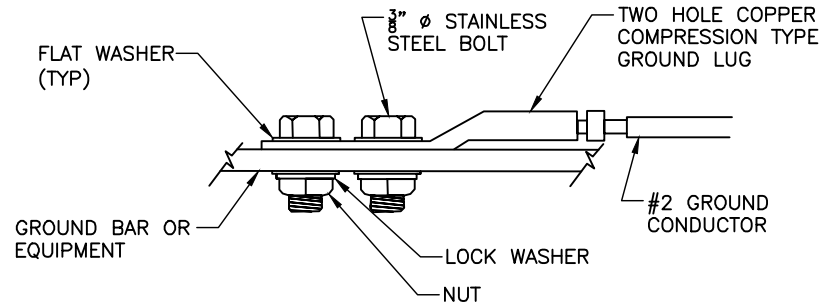
- DIRECTIONS:
1. MOUNT BONDING BUSHING INTO CONDUIT
 2. TIGHTEN BOND BUSHING SET SCREW
 3. INSERT COPPER CONDUCTOR INTO LUG
 4. TIGHTEN LUG CONDUCTOR SCREW
 5. TIGHTEN BONDING LUG SCREW

NOTE: BONDING BUSHING, SET SCREW, LUG, LUG SCREW, CONDUCTORS, LUG SCREW SHOWN AS COMPLETE UNIT

CONDUIT BOND/GROUND BUSHING
 NOT TO SCALE



INSTALLATION OF GROUND WIRE TO COAX CABLE GROUND BARE
 NOT TO SCALE

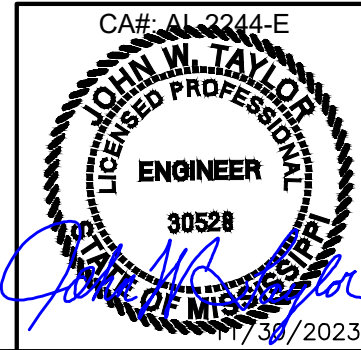


MECHANICAL GROUND CONNECTION
 NOT TO SCALE

| DESIGNER | ZDS | AMD | AMD | AMD | BJB |
|--------------|--------------------------|-------------------|--------------------------|-----------------------------------|--------------------------|
| DESCRIPTION: | ISSUED FOR CLIENT REVIEW | ISSUED FOR ZONING | REVISED PER CONCRETE PAD | REVISED PER TOWER DRAWINGS & RFDS | REVISED PER JRX COMMENTS |
| DATE | 01/26/23 | 07/24/23 | 08/15/23 | 11/16/23 | 11/30/23 |

SOUTH GLUCKSTADT

GROUNDING DETAILS



| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-4



| | |
|----------|-----|
| DESIGNER | ZDS |
| AMD | AMD |
| AMD | AMD |
| AMD | AMD |
| BJB | |

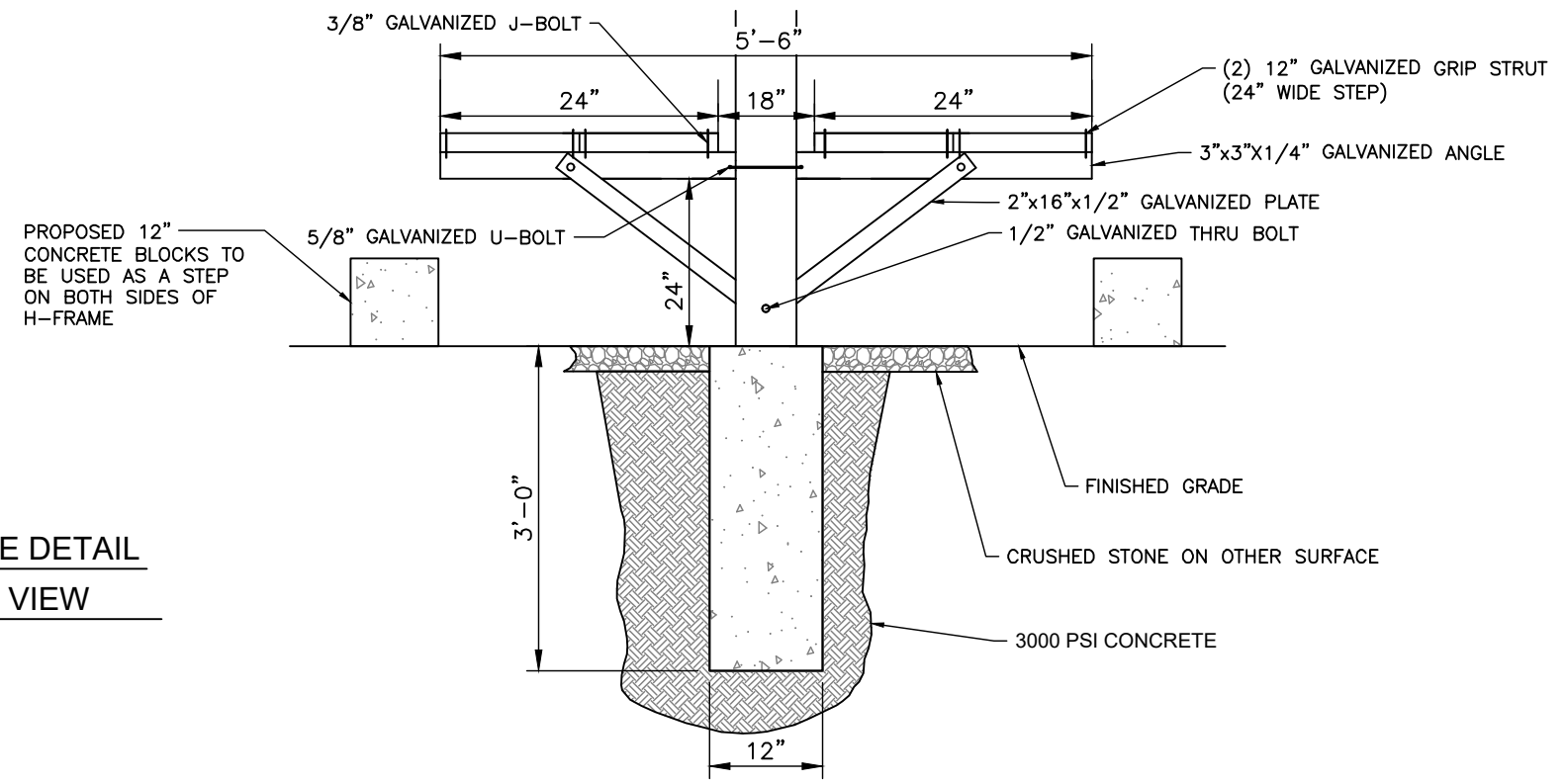
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|----------|-----------------------------------|
| DATE | DESCRIPTION |
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| 07/24/23 | ISSUED FOR ZONING |
| 08/15/23 | REVISED PER CONCRETE PAD |
| 11/16/23 | REVISED PER TOWER DRAWINGS & RFDS |
| 11/30/23 | REVISED PER JRX COMMENTS |

SOUTH GLUCKSTADT
UTILITY FRAME DETAILS -
STEP-UP

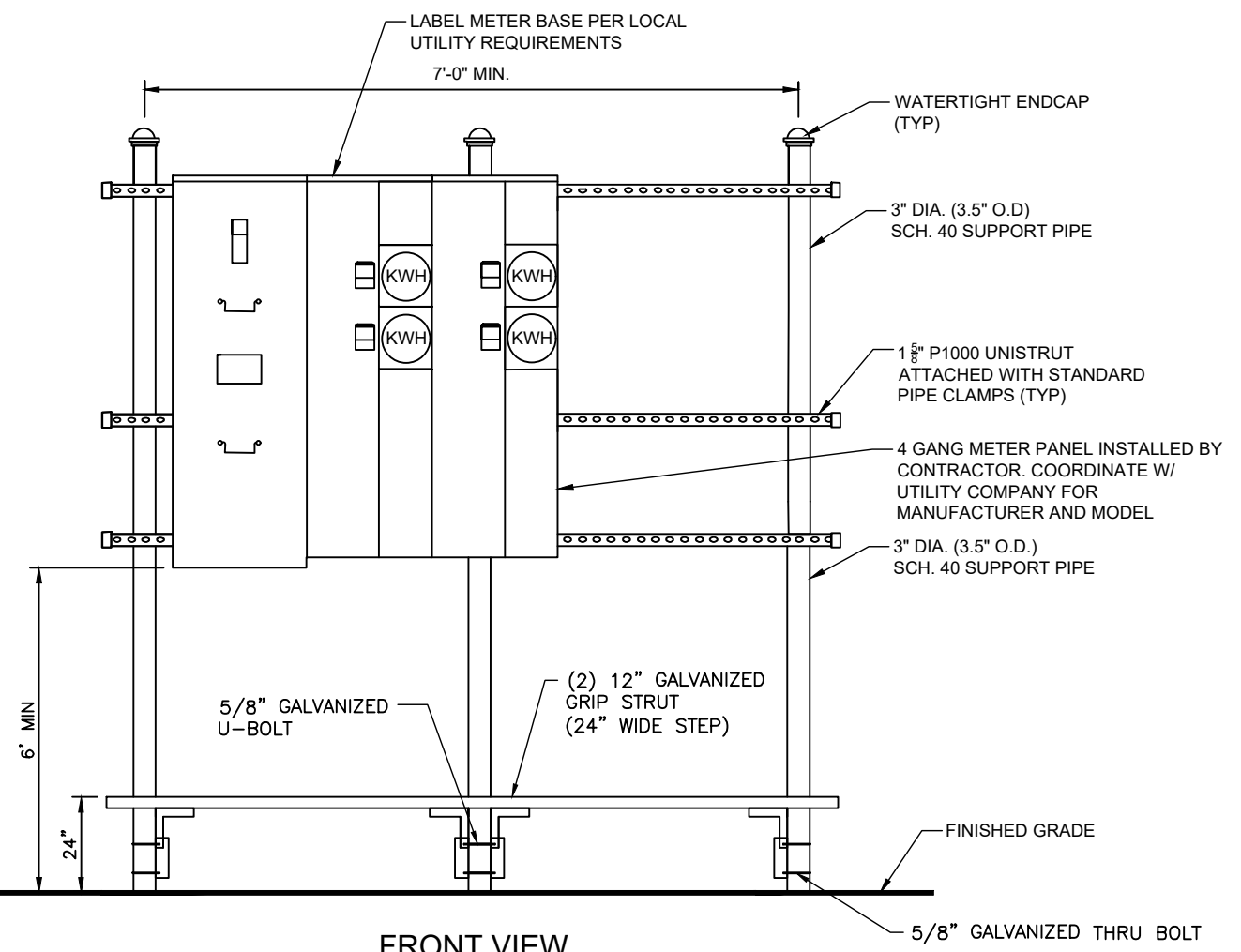
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| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

E-5 2

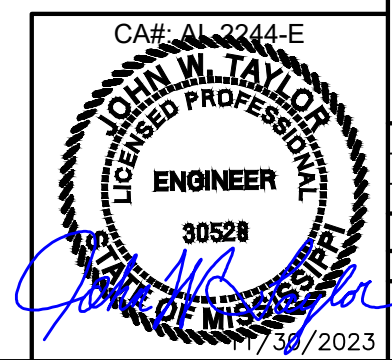
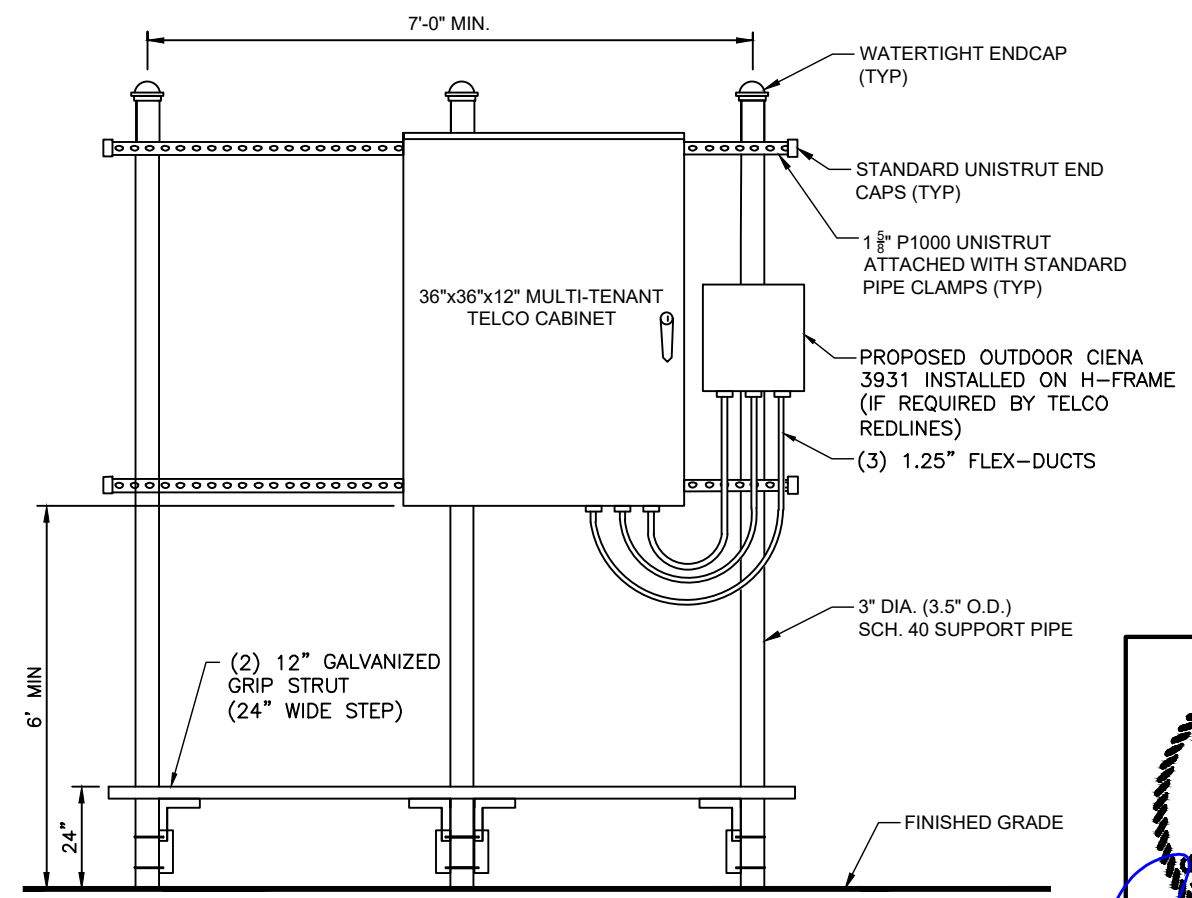
H-FRAME DETAIL
SIDE VIEW



FRONT VIEW

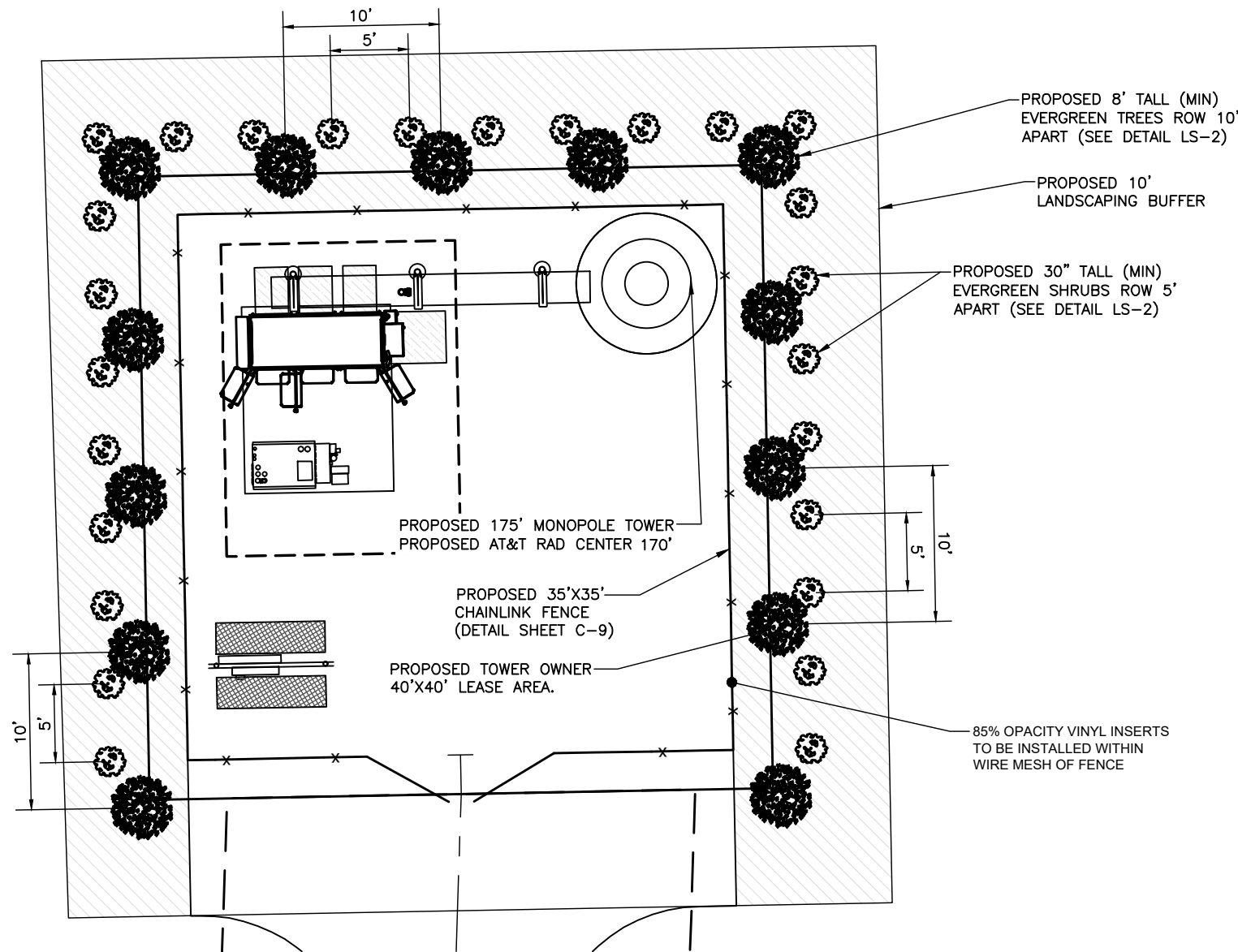
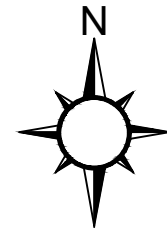


BACK VIEW

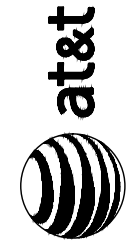


PLANTING SCHEDULE

| KEY | QTY | BOTANICAL NAME | COMMON NAME | SIZE | TYPE | SPACING | SYMBOL | REMARKS |
|-----|-----|---------------------------|-----------------------|------|-------------------|-------------|--------|--------------------|
| Lc | 17 | Ilex opaca 'cv' 'Howardi' | American Holly Hybrid | 8' | UPRIGHT EVERGREEN | 10' MAXIMUM | | FULL TO BASE |
| Ich | 57 | Ilex crenata 'Helleri' | Helleri Holly | 30" | SHRUB EVERGREEN | 5'-0" O.C. | | B & B OR CONTAINER |



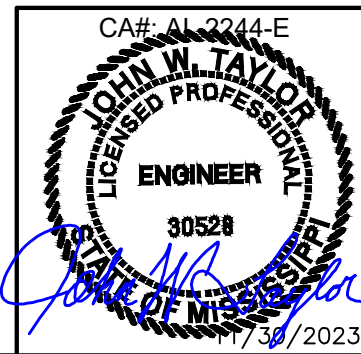
1 LANDSCAPING SITE PLAN
 LS-1 SCALE: 1"=10'



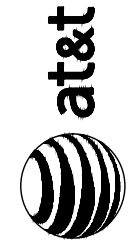
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|----------|-----------------------------------|----------|
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SOUTH GLUCKSTADT
 LANDSCAPING SITE
 PLAN

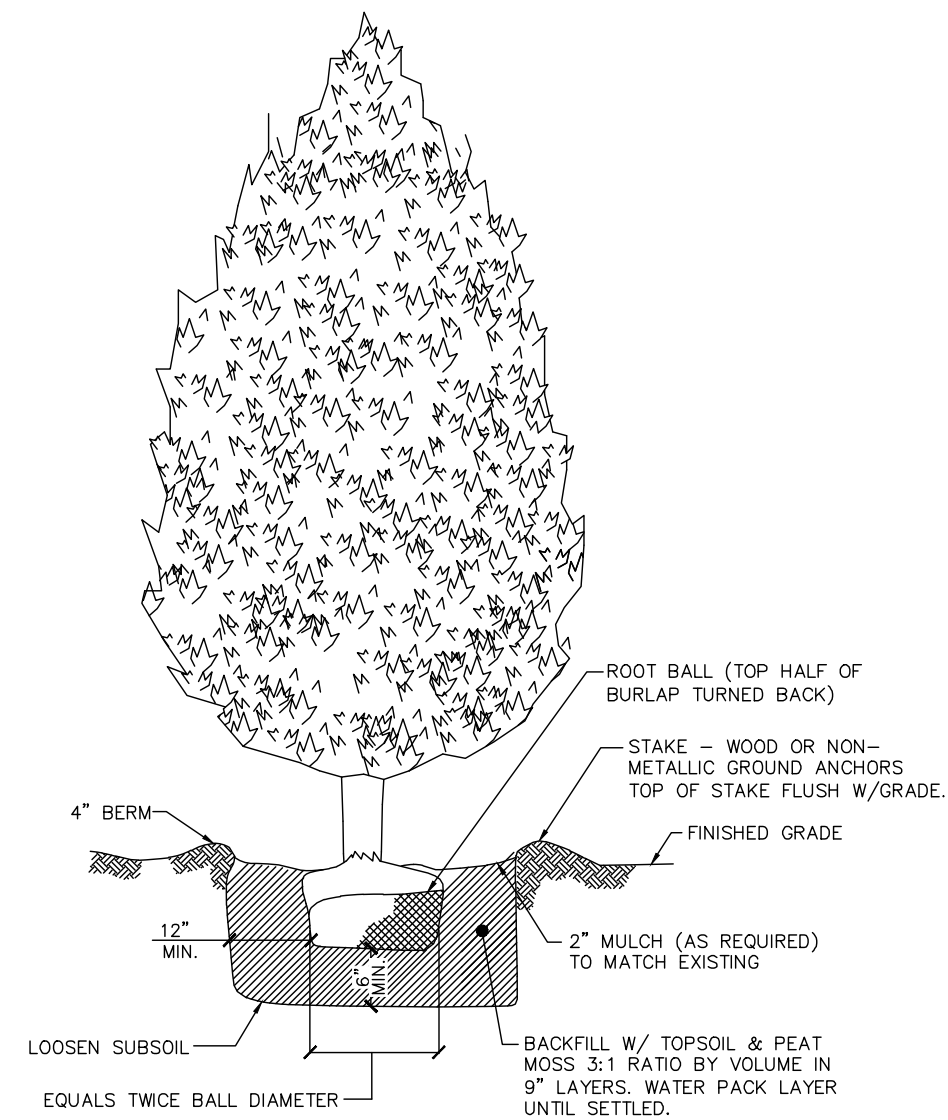
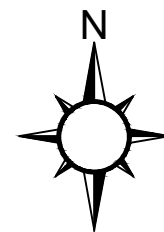
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|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |



LS-1 2



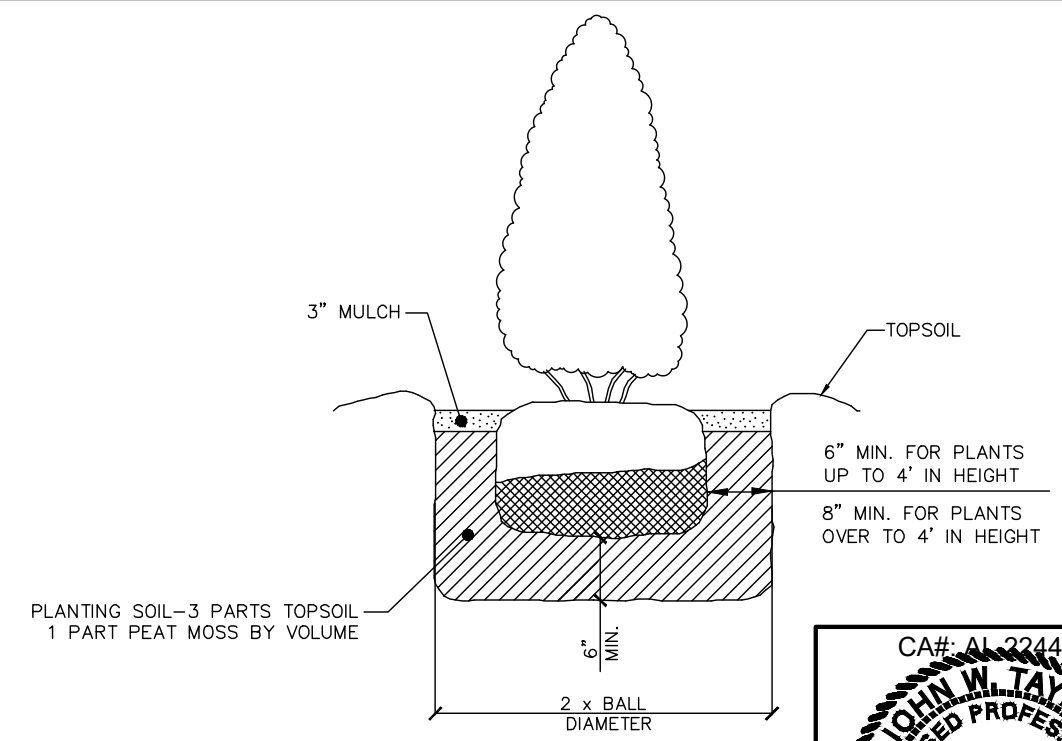
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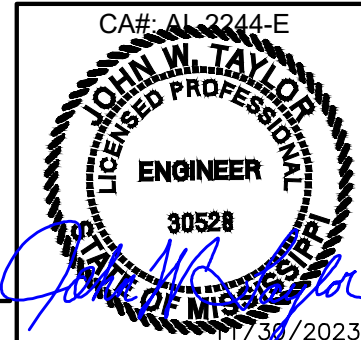
EVERGREEN TREE

NOTES:

1. EVERGREEN TREE SHALL BE MIN. 8'-0" IN HEIGHT AT TIME OF PLANTING.
2. EVERGREEN SHRUB SHALL BE A MIN. 30" IN HEIGHT AT TIME OF PLANTING



PLANTING SOIL-3 PARTS TOPSOIL
 1 PART PEAT MOSS BY VOLUME

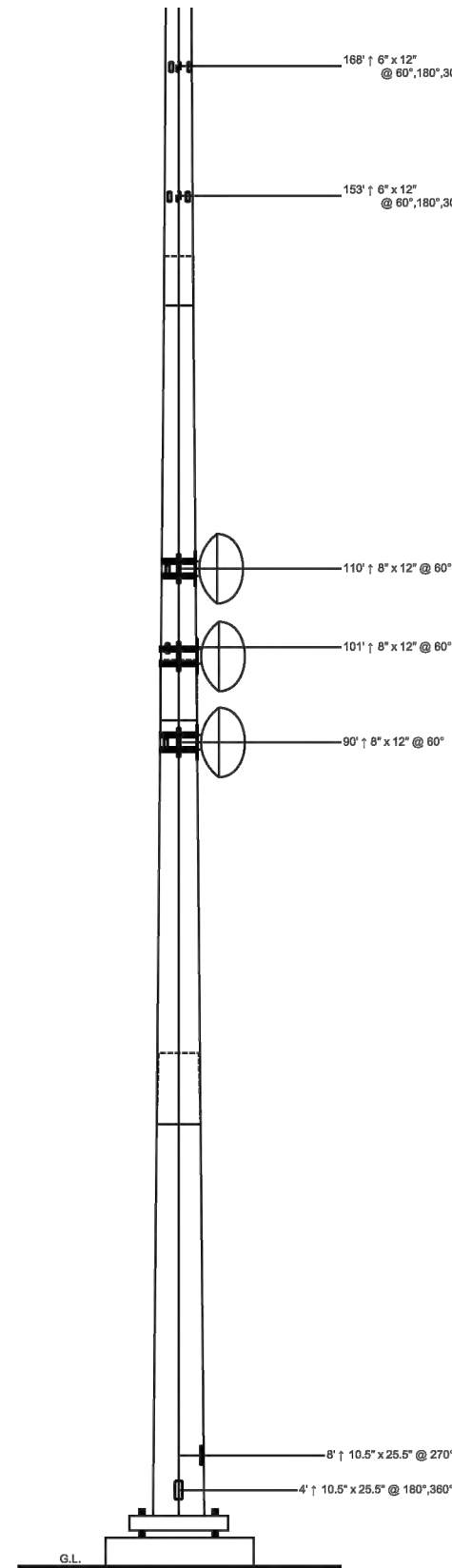


SOUTH GLUCKSTADT
 LANDSCAPING SITE
 PLAN

| | |
|-------------|---------|
| DESIGNER: | ZDS |
| CHECKED BY: | JWT |
| ENGINEER: | JWT |
| SMW #: | 22-1425 |
| SHEET NO.: | REV. |

LS-2 ?

| | | | | | |
|---------------------------|--------|---------|---------|---------|--------|
| Length (ft) | 53'-3" | 18 | 53'-6" | 53'-6" | 34'-9" |
| Number Of Sides | 3/6" | 8" - 8" | 7" - 0" | 5" - 9" | 1/4" |
| Thickness (in) | 57.01" | 68.43" | 48.06" | 38.72" | 33" |
| Lap Splice (ft) | 68.43" | 59.53" | 59.53" | 50.19" | 40.45" |
| Top Diameter (in) | 16040 | 12313 | 8532 | 4200 | |
| Bottom Diameter (in) | | | | | |
| Taper (in/ft) | | | | | |
| Grade | | | | | |
| Weight (lbs) | | | | | |
| Overall Steel Height (ft) | | | | | |



| Elev | Description | Tx-Line |
|------|---|------------|
| 170 | (1) 278 sq. ft. EPA 6000# (no ice) | (9) 1 5/8" |
| 155 | (1) 278 sq. ft. EPA 6000# (no ice) | (9) 1 5/8" |
| 110 | (1) Dish Mount (Monopole Only) - Pipe Mount (8'-10' Dish) | |
| 110 | (1) 8' Solid Dish W/ Radome | (1) EW63 |
| 100 | (1) Dish Mount (Monopole Only) - Pipe Mount (8'-10' Dish) | |
| 100 | (1) 8' Solid Dish W/ Radome | (1) EW63 |
| 90 | (1) Dish Mount (Monopole Only) - Pipe Mount (8'-10' Dish) | |
| 90 | (1) 8' Solid Dish W/ Radome | (1) EW63 |

| | |
|---|---------------------------------------|
| Wind Speed (No Ice) | 109 mph |
| Wind Speed (Ice) | 30 mph |
| Design Ice Thickness | 1.00 in |
| Risk Category | II |
| Exposure Category | C |
| Topographic Factor Procedure | Method 1 (Simplified) |
| Topographic Category | 1 |
| Ground Elevation | 278 ft |
| Seismic Importance Factor, I _e | 1.00 |
| 0.2-sec Spectral Response, S _s | 0.152 g |
| 1-sec Spectral Response, S ₁ | 0.088 g |
| Site Class | D (DEFAULT) |
| Seismic Design Category | C |
| Basic Seismic Force-Resisting System | Telecommunication Tower (Pole: Steel) |

| Load Combination | Axial (kips) | Shear (kips) | Moment (ft-k) | Deflection (ft) | Sway (deg) |
|---|--------------|--------------|---------------|-----------------|------------|
| 1.2 D + 1.0 W _o | 63.4 | 47.32 | 6208.1 | 9.5 | 5.38 |
| 0.9 D + 1.0 W _o | 47.58 | 47.35 | 6152.06 | 9.39 | 5.32 |
| 1.2 D + 1.0 D _i + 1.0 W _i | 91.65 | 5.69 | 754.48 | 1.18 | 0.67 |
| 1.2 D + 1.0 E _v + 1.0 E _h | 67.06 | 1.69 | 251.33 | 0.4 | 0.23 |
| 0.9 D - 1.0 E _v + 1.0 E _h | 47.21 | 1.69 | 247.69 | 0.4 | 0.22 |
| 1.0 D + 1.0 W _o (Service @ 60 mph) | 52.83 | 12.84 | 1675.82 | 2.58 | 1.45 |

| Shape | Diameter | Thickness | Bolt Circle | Bolt Qty | Bolt Diameter |
|-------|----------|-----------|-------------|----------|---------------|
| Round | 81.25" | 2" | 75.5" | 20 | 2.25" |

| Length | Diameter | Hole Diameter | Weight | Type | Finish |
|--------|----------|---------------|--------|---------|--------|
| 84" | 2.25" | 2.625" | 2422 | A615-75 | Galv |

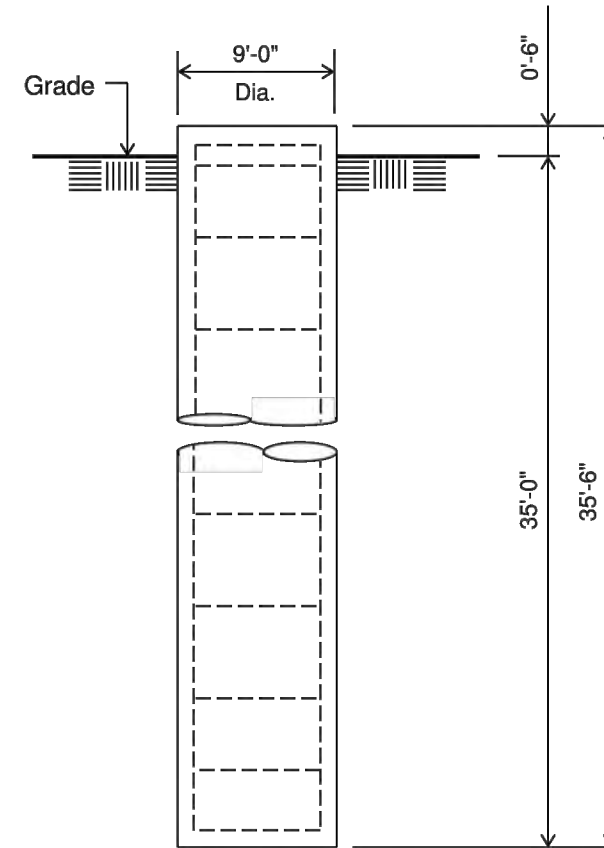
- Notes**
- 1) Antenna Feed Lines Run Inside Pole
 - 2) All dimensions are above ground level, unless otherwise specified.
 - 3) Weights shown are estimates. Final weights may vary.
 - 4) Full Height Step Bolts
 - 5) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2018 International Building Code.
 - 6) Tower Rating: 95.3%



No.: 24-2329-TJH
Date: 10/11/23
By: DO

Section 10, Item C)

Customer: TILLMAN INFRASTRUCTURE, LLC
Site: TI-OPP-30590, MS
175' Monopole



ELEVATION VIEW
(83.64 Cu. Yds.)
(1 REQUIRED; NOT TO SCALE)

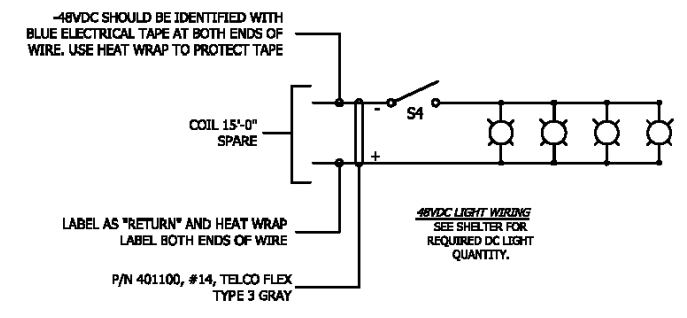
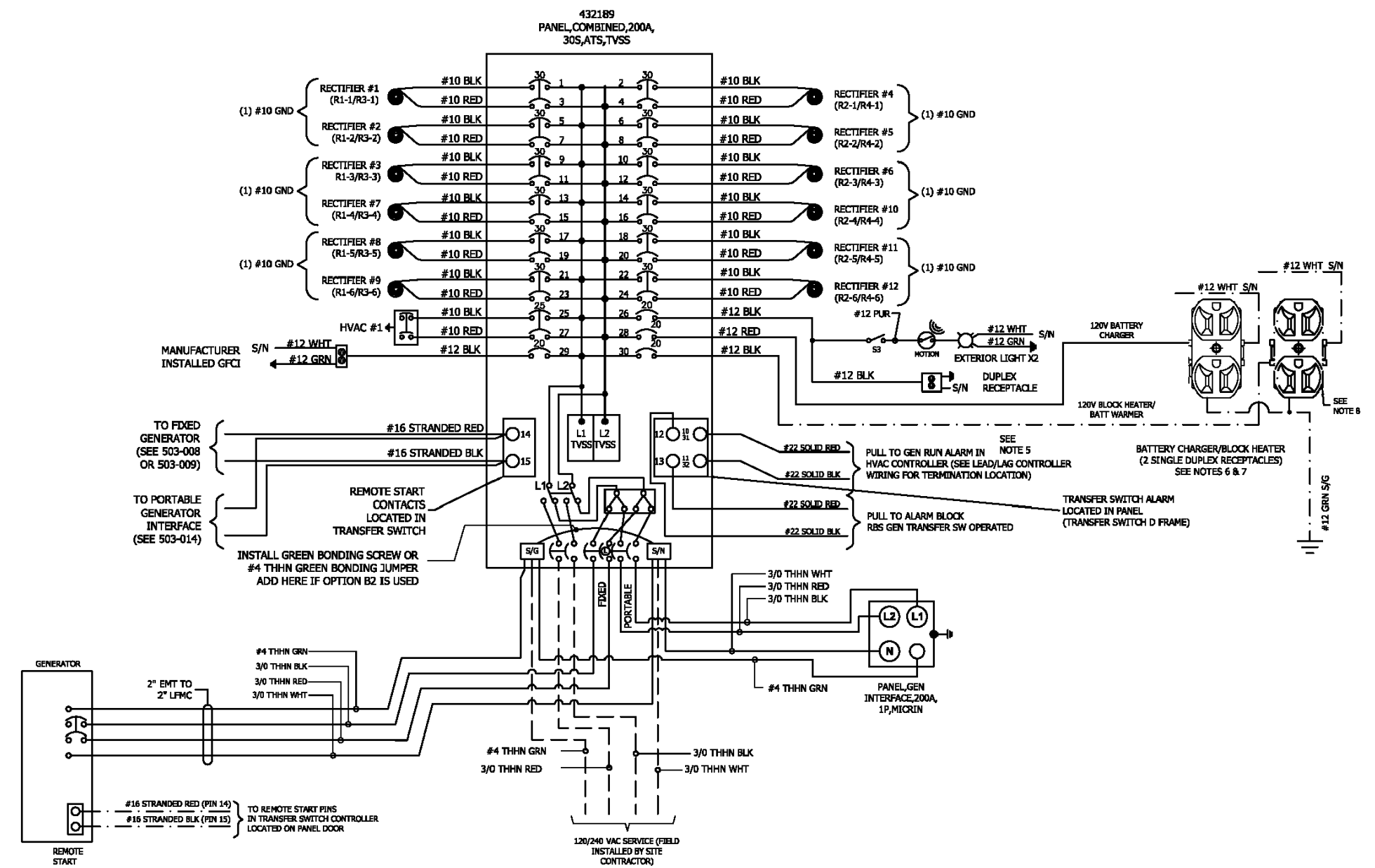
Notes:

- 1) Concrete shall have a minimum 28-day compressive strength of 4,500 psi, in accordance with ACI 318-14.
- 2) Rebar to conform to ASTM specification A615 Grade 60.
- 3) All rebar to have a minimum of 3" concrete cover.
- 4) All exposed concrete corners to be chamfered 3/4".
- 5) The foundation design is based on the geotechnical report by GE Project No. 10027.01, Date: 7/18/2023
- 6) See the geotechnical report for drilled pier installation requirements, if specified.
- 7) This foundation is designed for a max capacity ratio of 90%.
- 8) The bottom anchor bolt template shall be positioned as closely as possible to the bottom of the anchor bolts.

| | | |
|--|--|--|
| | Sabre Industries 7101 Southbridge Drive P.O. Box 658 Sioux City, IA 51102-0658 Phone: (712) 258-6690 Fax: (712) 279-0814 | Job: 24-2329-TJH |
| | Information contained herein is the sole property of Sabre Communications Corporation, constitutes a trade secret as defined by Iowa Code Ch. 550 and shall not be reproduced, copied or used in whole or part for any purpose whatsoever without the prior written consent of Sabre Communications Corporation. | Customer: TILLMAN INFRASTRUCTURE, LLC |
| | Site Name: TI-OPP-30590, MS | Description: 175' Monopole |
| | Date: 10/11/2023 | By: DO |

| | |
|------|--|
| Pier | (48) #10 vertical rebar w/ #5 ties, (2) within top 5" of pier, then 6" C/C |
|------|--|

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- NOTES:**
- DO NOT SHARE NEUTRALS UNLESS OTHERWISE SPECIFIED.
 - WHEN AC & DC WIRING IS LOCATED IN THE SAME BOX, ENCLOSURE, OR WIREWAY, WIRES MUST BE LABELED WITH VOLTAGE TYPE.
 - DC VOLTAGE IS NEGATIVE FEED, CHANGE CONNECTION POINTS AT DEVICES SO THAT BLACK WIRES ARE CONNECTED TO POSITIVE(+) TERMINALS AND RED WIRES ARE CONNECTED TO NEGATIVE(-) TERMINALS.
 - ALL WIRES TO BE THHN TYPE RATED 90°C.
 - IF OPTION "R2" (FIKE SYSTEM) IS CHOSEN, PLACE A 15A BREAKER ON CIRCUIT 42. OPTION "Q4" NOT AVAILABLE WITH OPTION "R2".
 - LABEL BREAKERS IN PTLG PANEL AS FOLLOWS:
 (1) BREAKER "GEN BLOCK HTR & BATT WARMER"
 (1) BREAKER "GEN BATT CHARGER"
 - LABEL EACH RECEPTACLE SAME AS IN PTLG PANEL.
 - OPTIONAL RECEPTACLE. USE ONLY WHEN REQUIRED.
 - ENSURE NEUTRAL & GROUND ARE NOT BONDED ON GENERATOR.

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Sabre Industries™
 Building Systems by Cellixion
 5031 Hazel Jones Road
 Bossier City, LA 71111
 Voice: (318) 213-2900
 Fax: (318) 213-2919
 www.sabreindustries.com

CUSTOMER:
AT&T MOBILITY

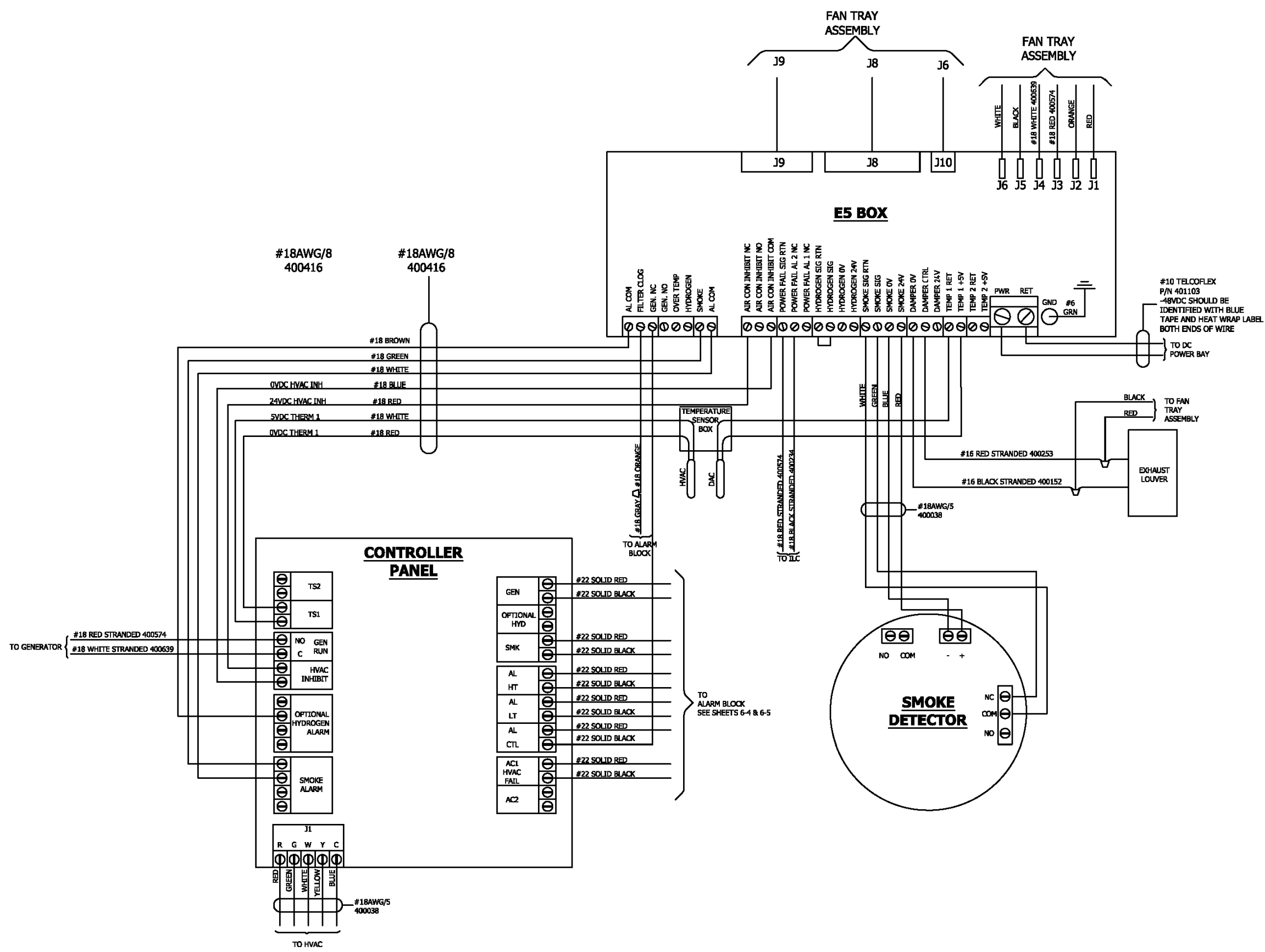
PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER AC ELECTRICAL WIRING DIAGRAM

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |

SHEET NO.
6-1

| | |
|--------------|-------|
| DRAWING NO.: | REV.: |
| SATN72 | C |

| | | | | | |
|-----|-----|----------|---------------------|---------|----------|
| C | MDF | 05/30/18 | UPDATED PER CHANGES | M. FOUQ | 05/31/18 |
| REV | BY | DATE | DESCRIPTION | APP. BY | DATE |



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 www.sabreindustries.com

CUSTOMER:
AT&T MOBILITY

PROJECT:
08'-0" X 14'-0" CONCRETE SHELTER DAC SYSTEM WIRING DIAGRAM

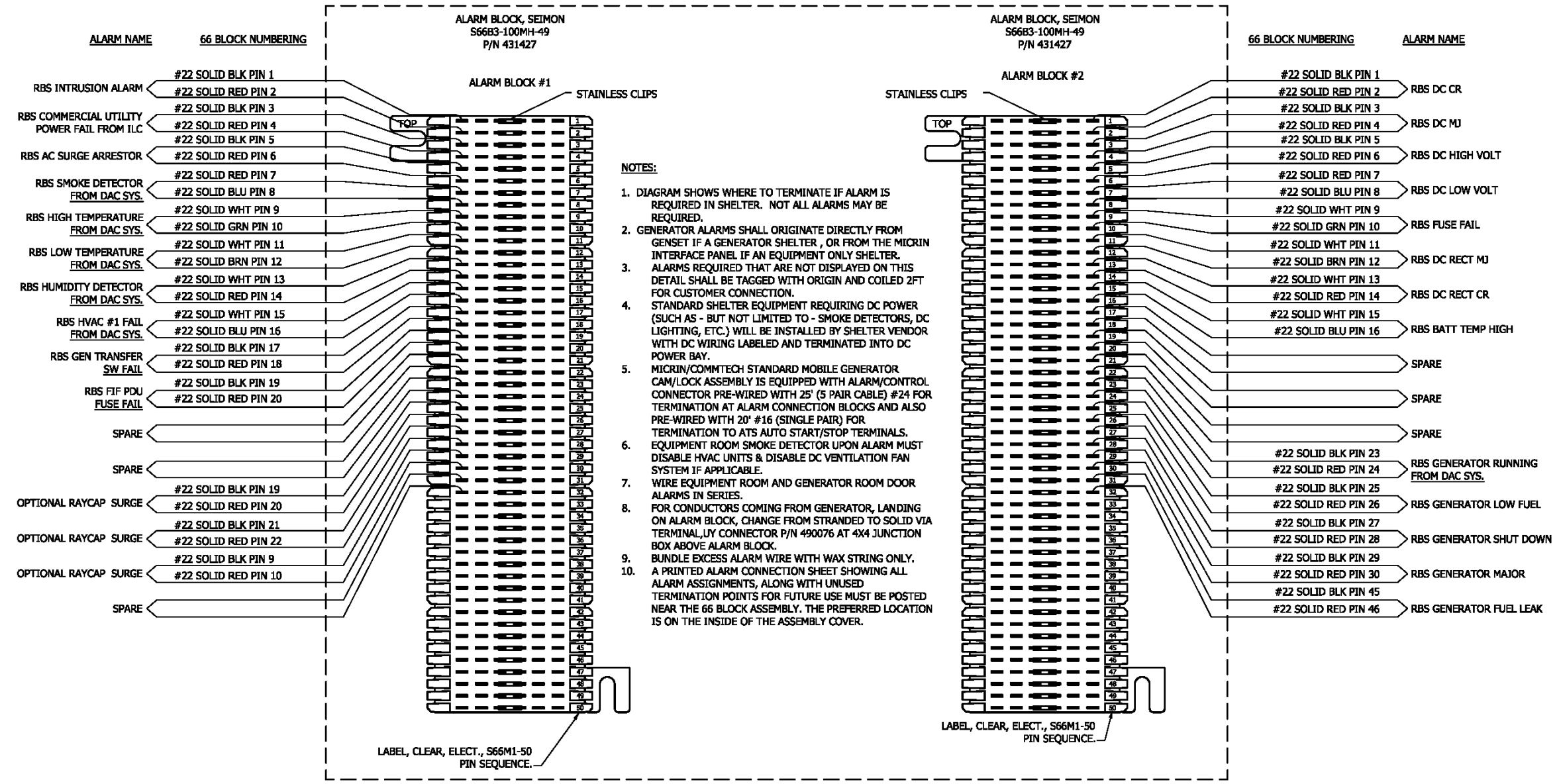
| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |

SHEET NO.
6-3

| | |
|------------------------|------------|
| DRAWING NO.: SATN72 | REV.: C |
|------------------------|------------|

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT

SABRE INDUSTRIES(TM) PROPRIETARY DOCUMENT



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Sabre Industries™
 Building Systems by CellXion
 5031 Hazel Jones Road
 Bossier City, LA 71111
 Voice: (318) 213-2900
 Fax: (318) 213-2919
 www.sabreindustries.com

CUSTOMER:
**AT&T
 MOBILITY**

PROJECT:
**08'-0" X 14'-0"
 CONCRETE SHELTER
 ALARM BLOCK
 WIRING DIAGRAM**

| | |
|------------------------|-------------------|
| FILENAME: SATN72 | |
| SCALE: AS NOTED | TOLERANCE: |
| DRWN. BY: M. FOWLER | DATE: 10/16/17 |
| CHK. BY: M. FOUQ. | DATE: 10/16/17 |
| APP. BY: D. BRANNEN | DATE: 10/16/17 |
| SHEET NO. 6-5 | |
| DRAWING NO.: SATN72 | REV.: C |

Model: 20REOZK

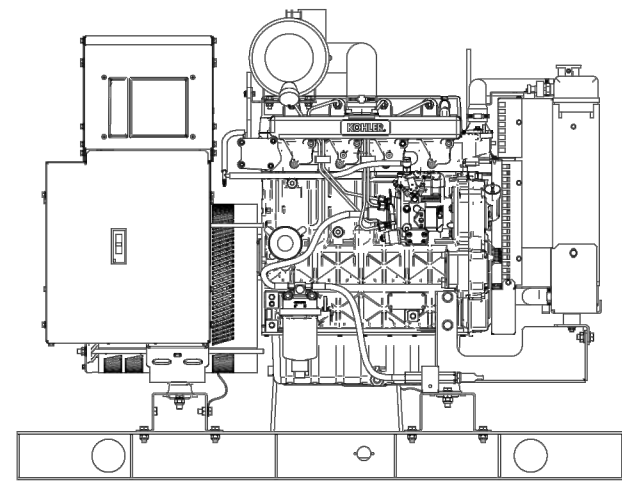
KOHLER Power Systems

208-600 V Diesel



Ratings Range

| | | 60 Hz | |
|----------|-----|-----------|--|
| Standby: | kW | 18.0-23.0 | |
| | kVA | 18.0-28.8 | |
| Prime: | kW | 16.5-20.0 | |
| | kVA | 16.5-25.0 | |



Generator Set Ratings

| Alternator | Voltage | Ph | Hz | 130°C Rise Standby Rating | | 105°C Rise Prime Rating | |
|------------|---------|----|----|---------------------------|------|-------------------------|------|
| | | | | kW/kVA | Amps | kW/kVA | Amps |
| 4D3.8 | 120/208 | 3 | 60 | 20.0/25.0 | 69.4 | 19.0/23.8 | 65.9 |
| | 127/220 | 3 | 60 | 20.0/25.0 | 65.6 | 18.5/23.1 | 60.7 |
| | 120/240 | 3 | 60 | 20.0/25.0 | 60.1 | 19.0/23.8 | 57.1 |
| | 120/240 | 1 | 60 | 18.0/18.0 | 75.0 | 16.5/16.5 | 68.8 |
| | 139/240 | 3 | 60 | 20.0/25.0 | 60.1 | 18.5/23.1 | 55.6 |
| | 220/380 | 3 | 60 | 19.5/24.4 | 37.0 | 18.5/23.1 | 35.1 |
| | 277/480 | 3 | 60 | 20.0/25.0 | 30.1 | 18.5/23.1 | 27.8 |
| | 347/600 | 3 | 60 | 20.0/25.0 | 24.1 | 18.5/23.1 | 22.3 |
| 4D5.0 | 120/208 | 3 | 60 | 23.0/28.8 | 79.8 | 20.0/25.0 | 69.4 |
| | 127/220 | 3 | 60 | 23.0/28.8 | 75.4 | 20.0/25.0 | 65.6 |
| | 120/240 | 3 | 60 | 23.0/28.8 | 69.2 | 20.0/25.0 | 60.1 |
| | 120/240 | 1 | 60 | 22.0/22.0 | 91.7 | 20.0/20.0 | 83.3 |
| | 139/240 | 3 | 60 | 23.0/28.8 | 69.2 | 20.0/25.0 | 60.1 |
| | 220/380 | 3 | 60 | 22.0/27.5 | 41.8 | 20.0/25.0 | 38.0 |
| 4E3.8 | 277/480 | 3 | 60 | 23.0/28.8 | 34.6 | 20.0/25.0 | 30.1 |
| | 347/600 | 3 | 60 | 23.0/28.8 | 27.7 | 20.0/25.0 | 24.1 |
| 4E3.8 | 120/240 | 1 | 60 | 22.0/22.0 | 91.7 | 20.0/20.0 | 83.3 |

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor. Standby Ratings: Standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Prime Power Ratings: At varying load, the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-6528-1 and ISO-3046-1. For limited running time and continuous ratings, consult the factory. Obtain the technical information bulletin (TIB-101) for ratings guidelines, complete ratings definitions, and site condition derates. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. G5-435 (20REOZK) 1/15c

Standard Features

- Kohler Co. provides one-source responsibility for the generating system and accessories.
- The generator set and its components are prototype-tested, factory-built, and production-tested.
- The 60 Hz generator set offers a UL 2200 listing.
- The generator set accepts rated load in one step.
- The 60 Hz generator set meets NFPA 110, Level 1, when equipped with the necessary accessories and installed per NFPA standards.
- The generator set engine is certified to meet the Environmental Protection Agency (EPA) emergency stationary emissions requirements.
- A one-year limited warranty covers all generator set systems and components. Two- and five-year extended limited warranties are also available.
- Alternator features:
 - Kohler's wound field excitation system with its unique PowerBoost™ design delivers great voltage response and short-circuit capability.
 - The brushless, rotating-field alternator has broadrange reconnectability.
- Other features:
 - Kohler designed controllers for guaranteed system integration and remote communication. See Controllers on page 3.
 - The low coolant level shutdown prevents overheating (standard on radiator models only).
 - Integral vibration isolation eliminates the need for under-unit vibration spring isolators.

Alternator Specifications

| Specifications | Alternator |
|--|-------------------------------|
| Manufacturer | Kohler |
| Type | 4-Pole, Rotating-Field |
| Exciter type | Brushless, Wound Field |
| Leads: quantity, type | 12, Reconnectable |
| | 4, 110-120/220-240 |
| Voltage regulator | Solid State, Volts/Hz |
| Insulation: | NEMA MG1 |
| Material | Class H |
| Temperature rise | 130°C, Standby |
| Bearing: quantity, type | 1, Sealed |
| Coupling | Flexible Disc |
| Amortisseur windings | Full |
| Voltage regulation, no-load to full-load | Controller Dependent |
| One-step load acceptance | 100% of Rating |
| Unbalanced load capability | 100% of Rated Standby Current |
| Peak motor starting kVA: | (35% dip for voltages below) |
| 480 V 4D3.8 (12 lead) | 54 |
| 480 V 4D5.0 (12 lead) | 65 |
| 240 V 4E3.8 (4 lead) | 31 |

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and drip-proof construction.
- Windings are vacuum-impregnated with epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.

Application Data

Engine

| Engine Specifications | |
|---|--|
| Manufacturer | Kohler Diesel |
| Engine model | KDI2504M |
| Engine type | 4-Cycle, Naturally Aspirated |
| Cylinder arrangement | 4 Inline |
| Displacement, L (cu. in.) | 2.5 (158) |
| Bore and stroke, mm (in.) | 88 x 102 (3.46 x 4.02) |
| Compression ratio | 18:1 |
| Piston speed, m/min. (ft./min.) | 367 (1206) |
| Main bearings: quantity, type | 5, Sleeve |
| Rated rpm | 1800 |
| Max. power at rated rpm, kWm (BHP) | 29.7 (39.9) |
| Cylinder head material | Cast Iron |
| Crankshaft material | Cast Iron |
| Valve material: | |
| Intake | Stainless Steel |
| Exhaust | Stainless Steel |
| Governor: type, make/model | Stanadyne/Mechanical (or Electronic *) |
| Frequency regulation, no-load to full-load | Drop (or Isochronous *) |
| Frequency regulation, steady state | ±0.5% |
| Frequency | Fixed |
| Air cleaner type, all models | Dry |
| * Requires available electronic governor option | |

Engine Electrical

| Engine Electrical System | |
|--|----------|
| Battery charging alternator: | |
| Ground (negative/positive) | Negative |
| Volts (DC) | 12 |
| Ampere rating | 50 |
| Starter motor rated voltage (DC) | 12 |
| Battery, recommended cold cranking amps (CCA): | |
| Quantity, CCA rating | One, 650 |
| Battery voltage (DC) | 12 |

Fuel

| Fuel System | |
|--|----------------------------|
| Fuel supply line, min. ID, mm (in.) | 8.0 (0.31) |
| Fuel return line, min. ID, mm (in.) | 6.0 (0.25) |
| Max. lift, electric fuel pump, m (ft.) | 3.0 (10.0) |
| Max. fuel flow, Lph (gph) | 46.0 (12.2) |
| Max. return line restriction, kPa (in. Hg) | 20 (5.9) |
| Fuel filter | |
| Prefilter | 74 Microns |
| Primary/Water Separator | 5 Microns @ 98% Efficiency |
| Recommended fuel | #2 Ultra Low Sulfur Diesel |

Lubrication

| Lubricating System | |
|---------------------------------------|---------------|
| Type | Full Pressure |
| Oil pan capacity, L (qt.) | 10.7 (10.8) |
| Oil pan capacity with filter, L (qt.) | 11 (11.6) |
| Oil filter: quantity, type | 1, Cartridge |
| Oil cooler | — |

Exhaust

| Exhaust System | |
|---|------------|
| Exhaust manifold type | Dry |
| Exhaust flow at rated kW, m ³ /min. (cfm) | 6 (212) |
| Exhaust temperature at rated kW, dry exhaust, °C (°F) | 570 (1058) |
| Maximum allowable back pressure, kPa (in. Hg) | 8.5 (2.5) |
| Exhaust outlet size at engine hookup, mm (in.) | 41 (1.6) |

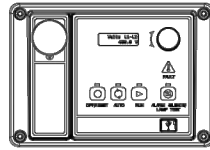
Application Data

Controller

KOHLER CO., Kohler, Wisconsin 53044 USA
 Phone 920-457-4441, Fax 920-459-1646
 For the nearest sales and service outlet in the
 US and Canada, phone 1-800-544-2444
 KOHLERPower.com

Kohler Power Systems
 Asia Pacific Headquarters
 7 Jurong Pier Road
 Singapore 619159
 Phone (65) 6264-6422, Fax (65) 6264-6455

Section 10, Item C)



Decision-Maker® 3000 Controller
 Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Digital display and menu control provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or serial configuration
- Controller supports Modbus® protocol
- Integrated hybrid voltage regulator with ±0.5% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-100 for additional controller features and accessories.

Modbus® is a registered trademark of Schneider Electric.

Cooling

| Radiator System | |
|--|-------------|
| Ambient temperature, °C (°F) * | 50 (122) |
| Engine jacket water capacity, L (gal.) | 4.4 (1.6) |
| Radiator system capacity, including engine, L (gal.) | 11.4 (3) |
| Engine jacket water flow, Lpm (gpm) | 56.8 (15) |
| Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.) | 21.6 (1228) |
| Water pump type | Centrifugal |
| Fan diameter, including blades, mm (in.) | 406 (16.0) |
| Fan, kWm (HP) | 0.6 (0.8) |
| Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H ₂ O) | 0.125 (0.5) |

* Enclosure reduces ambient temperature capability by 5°C (9°F).

Operation Requirements

| Air Requirements | |
|--|-------------|
| Radiator-cooled cooling air, m ³ /min. (scfm) † | 36.8 (1300) |
| Combustion air, m ³ /min. (cfm) | 2.1 (74.2) |
| Heat rejected to ambient air: | |
| Engine, kW (Btu/min.) | 20.4 (1160) |
| Alternator, kW (Btu/min.) | 5.1 (290) |

† Air density = 1.20 kg/m³ (0.075 lbm/ft³)

| Fuel Consumption | | |
|-----------------------------|----------------|-------|
| Diesel, Lph (gph) at % load | Standby Rating | |
| 100% | 7.9 | (2.1) |
| 75% | 6.1 | (1.6) |
| 50% | 4.3 | (1.1) |
| 25% | 2.5 | (0.7) |
| Diesel, Lph (gph) at % load | Prime Rating | |
| 100% | 7.2 | (1.9) |
| 75% | 5.7 | (1.5) |
| 50% | 3.8 | (1.0) |
| 25% | 2.3 | (0.6) |

Additional Standard Features

- Air Cleaner, Heavy Duty
- Alternator Protection
- Battery Rack and Cables
- Closed Crankcase Ventilation
- Oil Drain and Coolant Drain with Hose Barb
- Oil Drain Extension (with enclosure models only)
- Operation and Installation Literature
- Rodent Guards
- Stainless Steel Fasteners on Enclosures

Available Options

Approvals and Listings

- CSA Approval
- UL2200 Listing

Enclosed Unit

- Sound Enclosure (with enclosed critical silencer)
- Weather Enclosure (with enclosed critical silencer)
- Stainless Steel Latches and Hinges

Open Unit

- Exhaust Silencer, Critical (kit: PA-352663)
- Flexible Exhaust Connector, Stainless Steel

Fuel System

- Flexible Fuel Lines
- Fuel Pressure Gauge
- Subbase Fuel Tanks

Controller

- Common Failure Relay
- Input/Output Module
- Manual Speed Adjust
- Remote Annunciator Panel
- Remote Emergency Stop
- Run Relay

Cooling System

- Block Heater (700 W, 110-120 V)
Recommended for ambient temperatures below 0°C (32°F).
- Radiator Duct Flange

Electrical System

- Alternator Strip Heater
- Battery
- Battery Charger, Equalize/Float Type
- Battery Heater
- Electronic Governor
- Line Circuit Breaker (NEMA type 1 enclosure)
- Line Circuit Breaker with Shunt Trip (NEMA type 1 enclosure)

Miscellaneous

- Air Cleaner Restriction Indicator
- Engine Fluids Added
- Rated Power Factor Testing

Literature

- General Maintenance
- NFPA 110
- Overhaul
- Production

Warranty

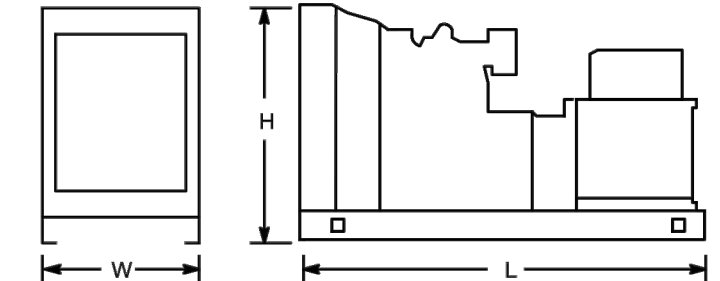
- 2-Year Basic Limited
- 5-Year Basic Limited
- 5-Year Comprehensive Limited

Other Options

- _____
- _____
- _____
- _____
- _____

Dimensions and Weights

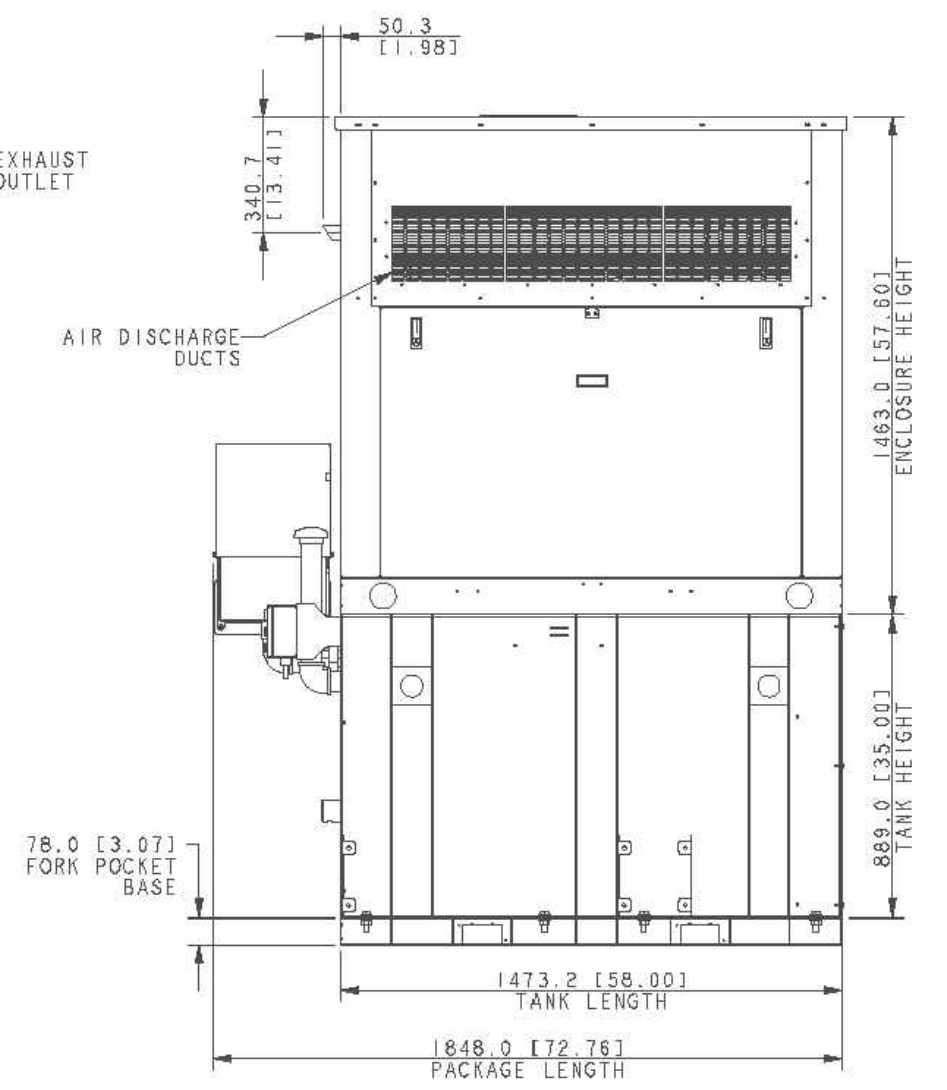
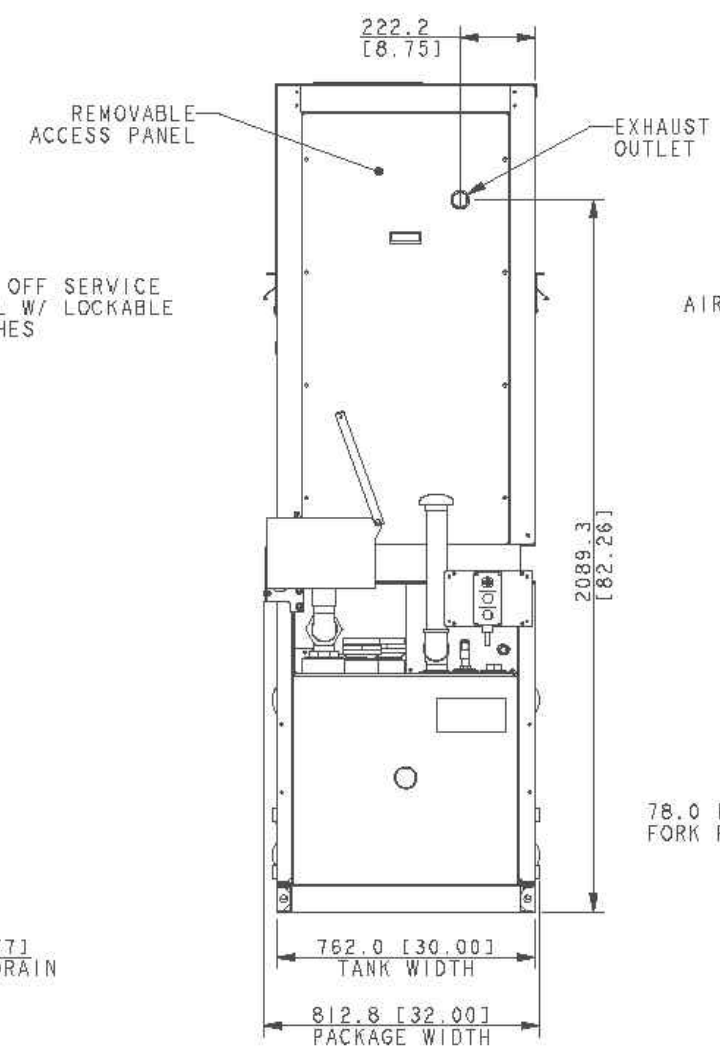
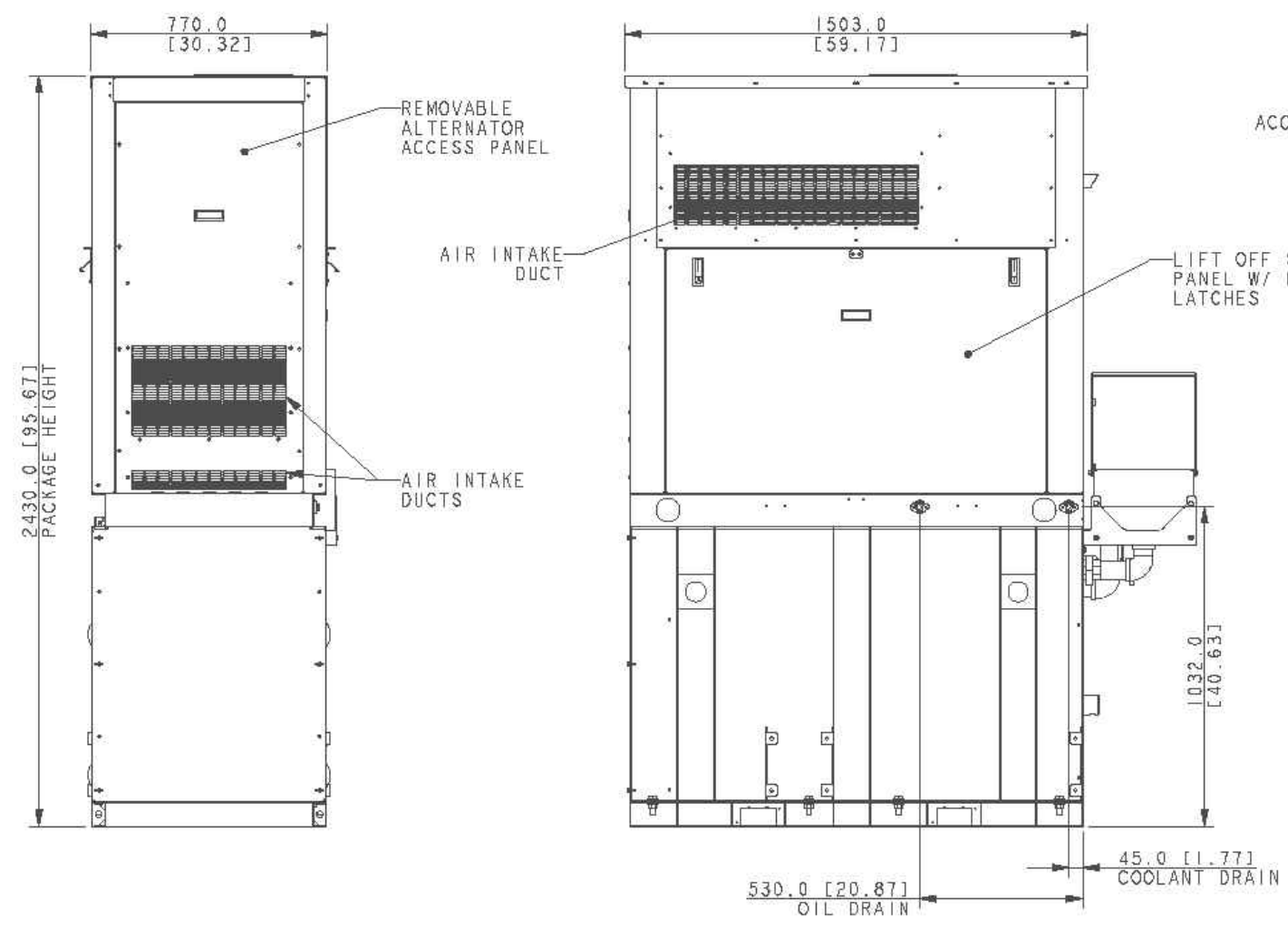
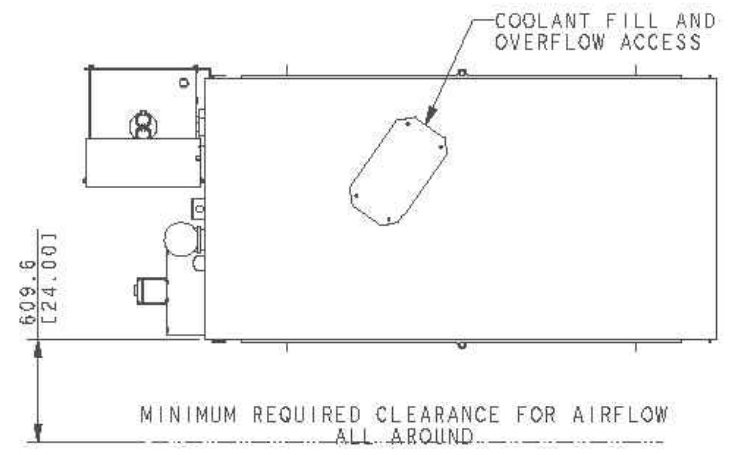
Overall Size, L x W x H, mm (in.):
 Open Unit Skid: 1400 x 813 x 1107 (55.1 x 32.0 x 43.6)
 Enclosure Skid: 1938 x 813 x 1174 (76.5 x 32.0 x 47.0)
 Weight (radiator model), wet, kg (lb.): 458 (1010)



NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

DISTRIBUTED BY:

- NOTES:
1. ALL SIDES OF THE GENERATOR ARE SERVICE ACCESSIBLE. RIGHT SIDE IS PRIMARY SERVICE SIDE.
 2. 6 AMP BATTERY CHARGER.
 3. 120VAC ENGINE BLOCK HEATER.
 4. GENERATOR MUST BE GROUNDED.
 5. SOUND ATTENUATED ENCLOSURE STANDARD WITH GENERATOR.
 6. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST.
 7. MUST ALLOW FREE FLOW OF INTAKE AIR.
 8. BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
 9. TANK EQUIPPED WITH FIRE SAFETY VALVE ON FUEL SUPPLY LINE.
 10. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
 11. GENERATOR IS INSTALLED ON A UL-142 RATE DOUBLE WALL SUBBASE FUEL TANK.

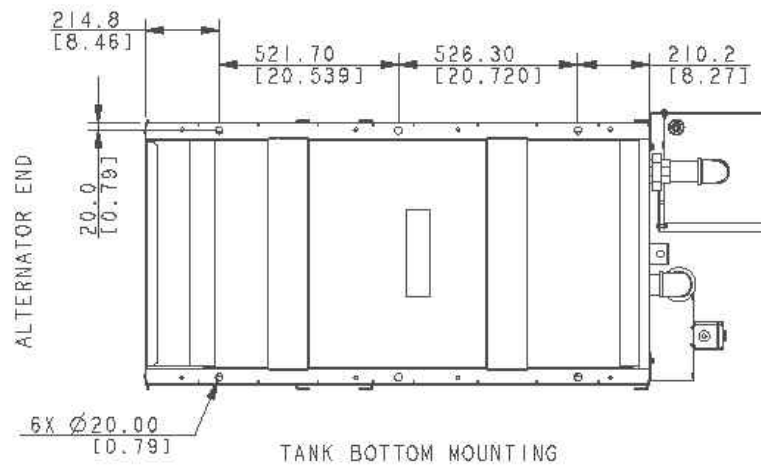
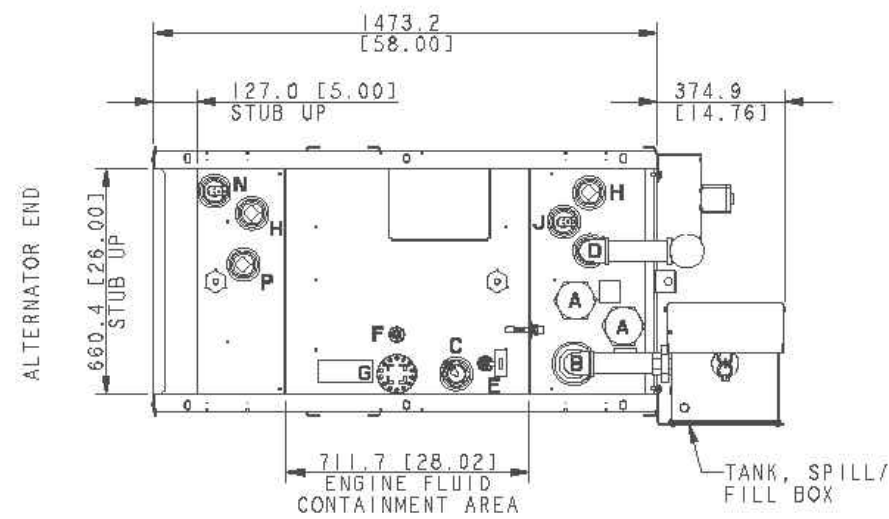


RIGHT SIDE
[SERVICE SIDE]

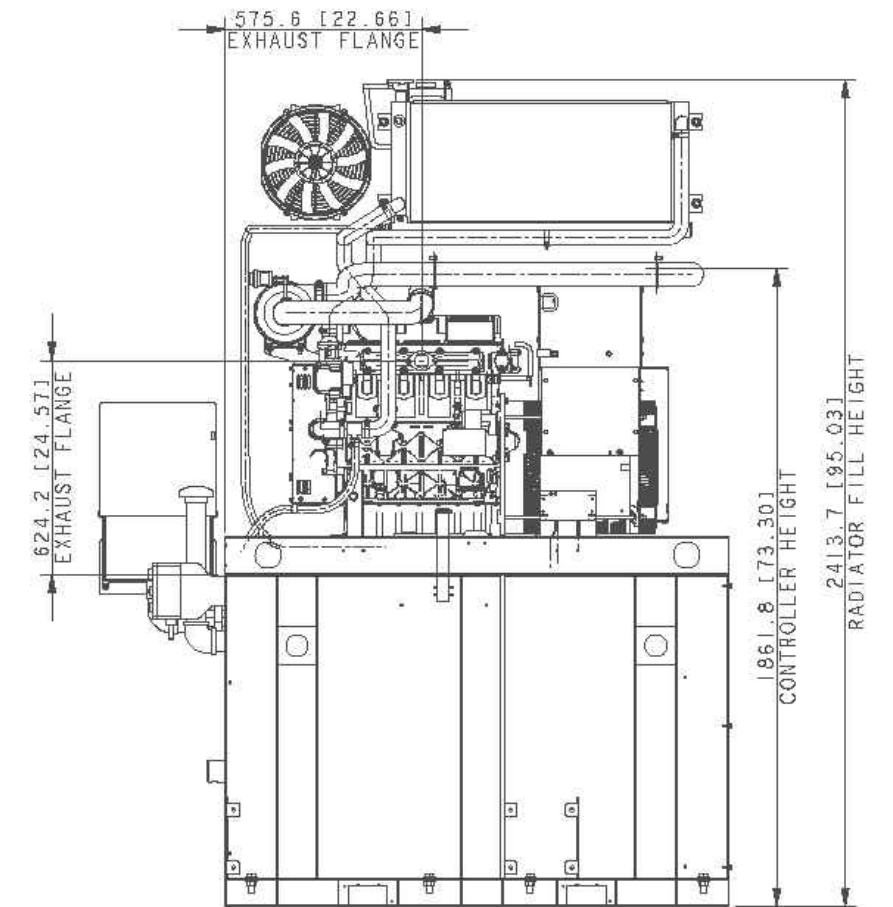
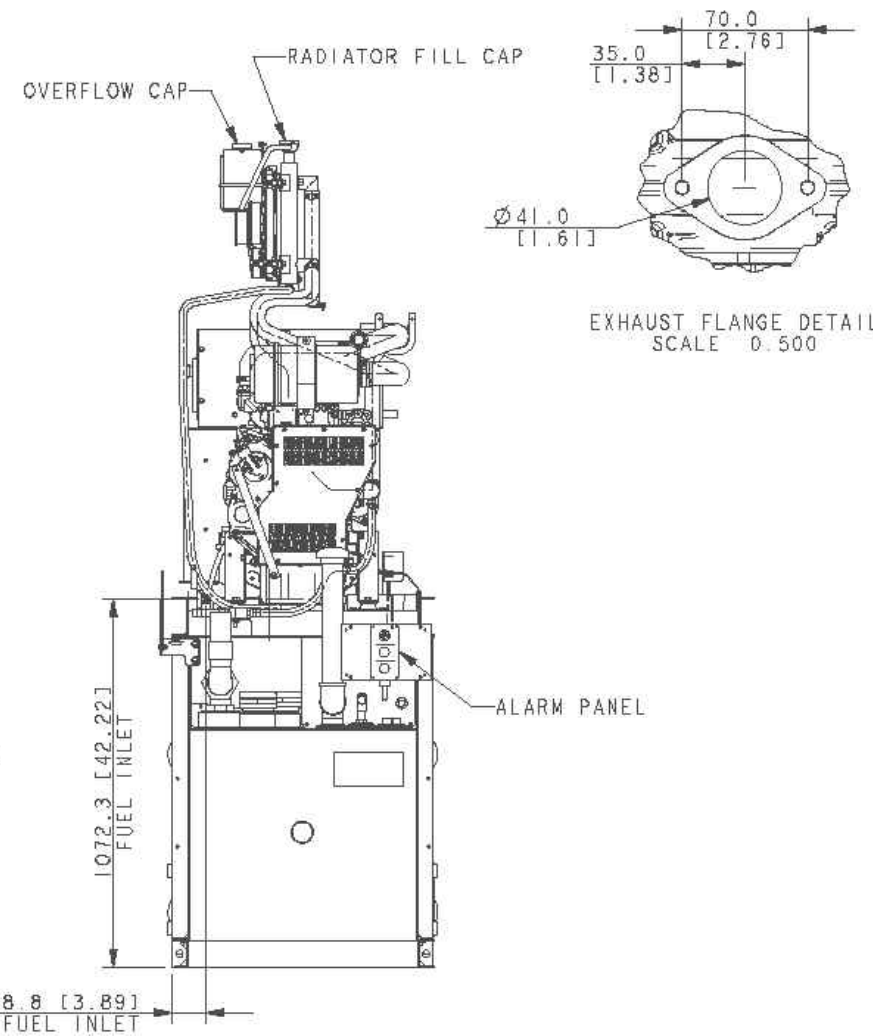
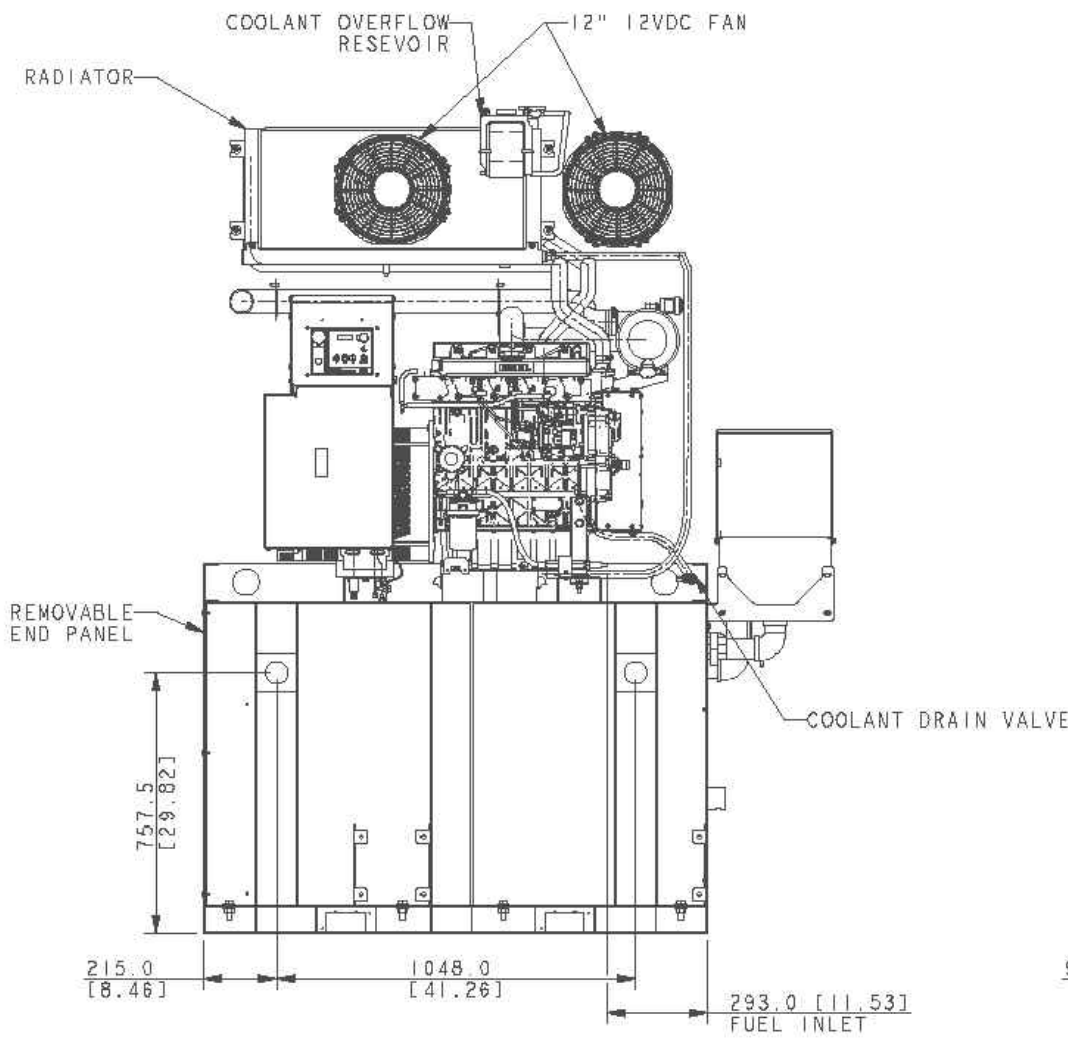
PACKAGE WEIGHT: 1021 KG [2250 LBS]

**20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK**

| REV | DATE | ON COMPOSITE DIRS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|-----|---------|--|-----|---|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: F: ± 0.25 M: ± 0.50 H: ± 1.00 SURFACE FINISH: ANGLES ± 30° MAX. |
| | | | | KOHLER KOHLENER, WIRTSCHAFTS-AG THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. |
| | | | | TITLE DIMENSION PRINT, 20KW STATE TANK, ENCL |
| | | | | SCALE: 0.40 CAD NO. SHEET 1 of 3 |
| | | | | ADV-9003 |



- TANK FITTINGS:**
- A. 3" NPT EMERGENCY VENT FITTING PER NFPA 30 WITH VENT CAPS (QTY 2).
 - B. 4" NPT FUEL FILL FITTING BUSHED TO 2" NPT WITH LOCKABLE FILL CAP AND 2" RISER
 - C. 2" NPT FUEL LEVEL SENDING UNIT.
 - D. 2" NPT NORMAL VENT FITTING WITH MUSHROOM VENT CAP AND 15" RISER.
 - E. 1/2" NPT FITTING FOR REMOVABLE ENGINE SUPPLY DIP TUBE (3/8" NPT FEMALE) WITH CHECK VALVE.
 - F. 1/2" NPT FITTING FOR REMOVABLE FUEL RETURN DIP TUBE (3/8" NPT FEMALE).
 - G. 2" NPT WATER TIGHT FUEL FILL FITTING W/ LOCKABLE CAP AND 3" RISER
 - H. 2" NPT FITTING FOR OPTIONAL ACCESSORY (INSTALL 2"NPT PIPE PLUG)
 - J. 2" NPT FITTING FOR HIGH LEVEL SWITCH
 - N. 2" NPT FOR FUEL IN BASIN SWITCH
 - P. 2" NPT FITTING FOR OPTIONAL SWITCH (INSTALL 2"NPT PIPE PLUG)



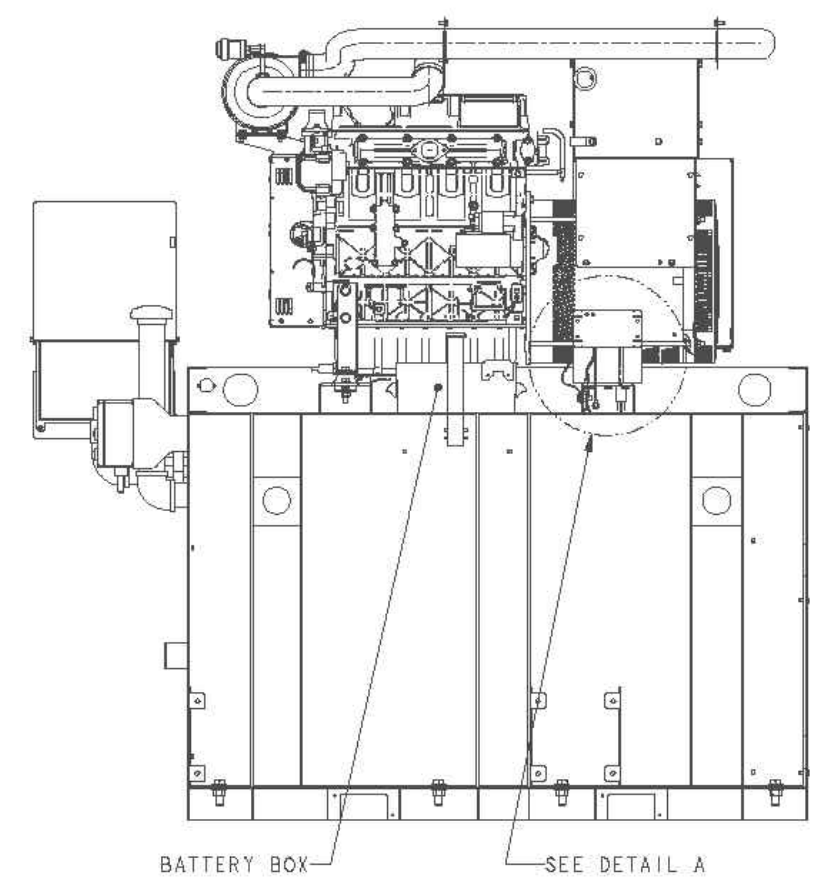
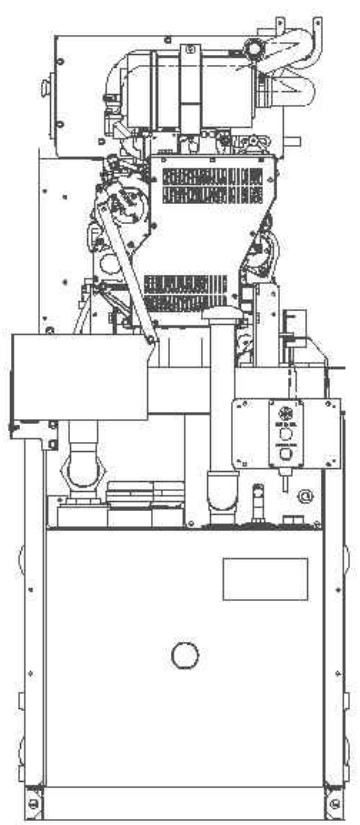
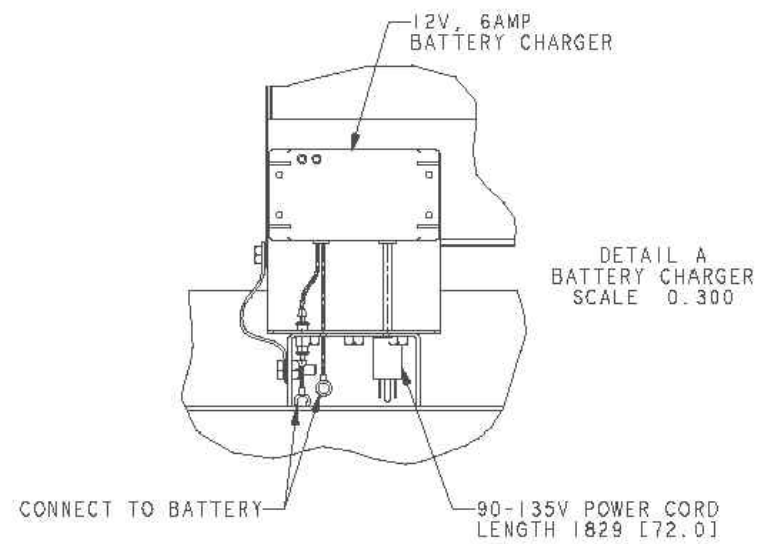
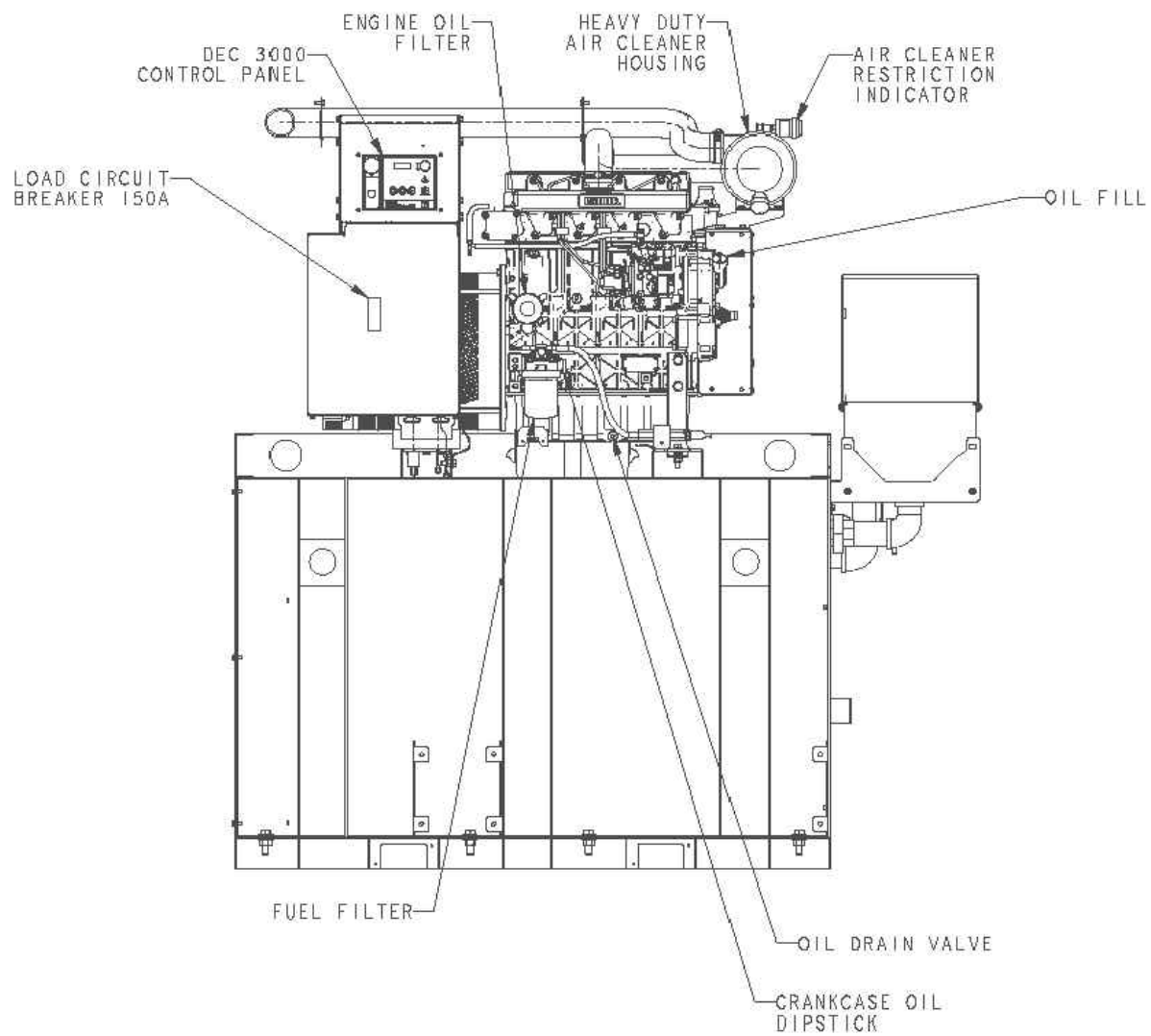
NOTE: FOR FURTHER TANK DETAIL SEE INDIVIDUAL DRAWINGS

**20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK**

| REV | DATE | OR COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|-----|---------|--|-----|--|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: L: ± 0.25 F: ± 0.15 ANGLES ± 1°30' |
| | | | | KOHLER KOHLER, WISCONSIN 53004 THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. |
| | | | | TITLE: DIMENSION PRINT, 20KW STATE TANK, ENCL |
| | | | | APPROVALS: DATE: SCALE: 0.15 CAD NO. SHEET 2 of 3 |
| | | | | APPROVED: BLM 2-13-17 |
| | | | | ADV-9003 |

NOTE:
THIS GENERATOR SET HAS FRONT ACCESSIBILITY TO ALL ROUTINELY SERVICED COMPONENTS INCLUDING:
1. AIR FILTER
2. OIL FILTER / FILL
3. FUEL FILTER
4. OIL DRAIN
5. COOLANT DRAIN

*COOLING SYSTEM NOT SHOWN THESE VIEWS



20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK

| REV | DATE | OR COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL | BY | DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS |
|-----|---------|--|--------------|--|
| - | 2-13-17 | NEW DRAWING [CT172644] | ZJS | UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: L: ± 0.25 F: ± 0.13 A: ± 0.13 ANGLES ± 1° 30' |
| | | | | KOHLER KOHLER, WISCONSIN 63044 THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED. |
| | | | | TITLE DIMENSION PRINT, 20KW STATE TANK, ENCL |
| | | | APPROVALS | DATE |
| | | | DRAWN ZJS | 2-13-17 |
| | | | CHECKED ZJS | 2-13-17 |
| | | | APPROVED BLM | 2-13-17 |
| | | | | SCALE 0.12 CAD NO. SHEET 01 3 |
| | | | | DWG. NO. ADV-9003 |

Section 1 - RFDS GENERAL INFORMATION

| | | | | | | | | | |
|----------------------|---------------------|------------------|-------------------|------------------|----------------|------------------------------------|---------------------|------------------------------|------------------------------------|
| RFDS NAME: | MSL01372 | DATE: | 11/10/2023 | RF DESIGN ENG: | Rob Hataway | RFDS PROG: | | Section 10, Item C) | |
| ISSUE: | New Site Build | Approved? (Y/N): | Yes | RF DESIGN PHONE: | 601-260-0087 | RFDS TEC: | | | |
| REVISION: | 3 | RF MANAGER: | Michael Lavespere | RF DESIGN EMAIL: | RH2627@ATT.COM | RF PERF ENG: | | STATUS: | Preliminary/Approved |
| INITIATIVE /PROJECT: | 2022 New Site Build | | | | | RF PERF PHONE: | | RFDS ID: | 5510674 |
| | | | | | | ADDITIONAL WORKFLOW NOTIFICATIONS: | | Created By: | rh2627 |
| | | | | | | RFDS VERSION: | 3.00 | Date Created: | 11/3/2022 10:30:50 AM |
| | | | | | | UMTS FREQUENCY: | | Date Updated: | 11/10/2023 11:26:02 PM |
| | | | | | | LTE FREQUENCY: | 700, 850, 1900, AWS | Estimated SQIN: | 19.311 |
| | | | | | | 5G FREQUENCY: | 850, 1900, AWS | RER Initiative: | |
| | | | | | | I-PLAN JOB # 1: | ER_RBHM-22-17979 | IPLAN PRD GRP \|\| SUB GRP #1: | 5G NR Radio \|\| 5G NR 1SR CBAND |
| | | | | | | I-PLAN JOB # 2: | ER_RBHM-22-17980 | IPLAN PRD GRP \|\| SUB GRP #2: | 5G NR Radio \|\| 5G NR 1SR CBAND |
| | | | | | | I-PLAN JOB # 3: | SER-RBHM-19-00733 | IPLAN PRD GRP \|\| SUB GRP #3: | LTE Next Carrier \|\| LTE 6C ABM |
| | | | | | | I-PLAN JOB # 4: | SER-RBHM-19-00880 | IPLAN PRD GRP \|\| SUB GRP #4: | LTE Software Carrier \|\| LTE 4C ABM |
| | | | | | | I-PLAN JOB # 5: | SER-RBHM-19-00799 | IPLAN PRD GRP \|\| SUB GRP #5: | LTE Software Carrier \|\| LTE 3C ABM |
| | | | | | | I-PLAN JOB # 6: | SER-RBHM-18-15800 | IPLAN PRD GRP \|\| SUB GRP #6: | New Site \|\| LTE Only 1C ABM |
| | | | | | | I-PLAN JOB # 7: | SER-RBHM-19-00430 | IPLAN PRD GRP \|\| SUB GRP #7: | LTE Next Carrier \|\| LTE 2C ABM |
| | | | | | | I-PLAN JOB # 8: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 9: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 10: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 11: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 12: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 13: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 14: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 15: | | IPLAN PRD GRP \|\| SUB GRP #8: | |
| | | | | | | I-PLAN JOB # 16: | | IPLAN PRD GRP \|\| SUB GRP #8: | |

Section 2 - LOCATION INFORMATION

| | | | | | | | | | |
|--|------------------|--------------------|-------------------------------|-------------------|------------------|---------------------------------|------------|-------------------|----------------------------|
| USID: | 320865 | FA LOCATION CODE: | 14772332 | LOCATION NAME: | SOUTH GLUCKSTADT | ORACLE PTN # 1: | 2701A17HMF | PACE JOB # 1: | MRBHM037444 |
| REGION: | SOUTHEAST | MARKET CLUSTER: | ALABAMA/MISSISSIPPI/LOUISIANA | MARKET: | JACKSON MS | ORACLE PTN # 2: | 2701A17HMJ | PACE JOB # 2: | MRBHM037433 |
| ADDRESS: | 130 AMERICAN WAY | CITY: | MADISON | STATE: | MS | ORACLE PTN # 3: | 2701A0QCSS | PACE JOB # 3: | MRALM039939 |
| ZIP CODE: | 39110 | COUNTY: | MADISON | LONG (DEC. DEG.): | -90.1116800 | ORACLE PTN # 4: | 2701A0QCLY | PACE JOB # 4: | MRALM039945 |
| LATITUDE (D-M-S): | 32d 30m43.092s | LONGITUDE (D-M-S): | -90d -8m-42.048s | LAT (DEC. DEG.): | 32.5119700 | ORACLE PTN # 5: | 2701A0QCNR | PACE JOB # 5: | MRALM039941 |
| DIRECTIONS, ACCESS AND EQUIPMENT LOCATION: | | | | | | ORACLE PTN # 6: | 2701A0KWCD | PACE JOB # 6: | MRALM034004 |
| | | | | | | ORACLE PTN # 7: | 2701A0QCTT | PACE JOB # 7: | MRALM039959 |
| | | | | | | ORACLE PTN # 8: | | PACE JOB # 8: | |
| | | | | | | ORACLE PTN # 9: | | PACE JOB # 9: | |
| | | | | | | ORACLE PTN # 10: | | PACE JOB # 10: | |
| | | | | | | ORACLE PTN # 11: | | PACE JOB # 11: | |
| | | | | | | ORACLE PTN # 12: | | PACE JOB # 12: | |
| | | | | | | ORACLE PTN # 13: | | PACE JOB # 13: | |
| | | | | | | ORACLE PTN # 14: | | PACE JOB # 14: | |
| | | | | | | ORACLE PTN # 15: | | PACE JOB # 15: | |
| | | | | | | ORACLE PTN # 16: | | PACE JOB # 16: | |
| | | | | | | BORDER CELL WITH CONTOUR COORD: | | SEARCH RING NAME: | South Gluckstadt |
| | | | | | | AM STUDY REQ'D (Y/N): | No | SEARCH_RING_ID: | MSL01372 |
| | | | | | | FREQ COORD: | | BTA: | 210 - Jackson, MS |
| | | | | | | | | MSA / RSA: | 106 - Jackson, Mississippi |
| | | | | | | | | LAC(UMTS): | |
| | | | | | | RF DISTRICT: | | RNC(UMTS): | |
| | | | | | | RF ZONE: | | MME POOL ID(LTE): | FF10 |
| | | | | | | PARENT NAME(UMTS): | | | |

Section 3 - LICENSE COVERAGE/FILING INFORMATION

| | | | | | | |
|--------------------------------------|-----|-------------------------|--|------------------------|--|------------------|
| CGSA - NO FILING TRIGGERED (Yes/No): | No | CGSA LOSS: | | PCS REDUCED - UPS ZIP: | | CGSA CALL SIGNS: |
| CGSA - MINOR FILING NEEDED (Yes/No): | No | CGSA EXT AGMT NEEDED: | | PCS POPS REDUCED: | | |
| CGSA - MAJOR FILING NEEDED (Yes/No): | Yes | CGSA SCORECARD UPDATED: | | | | |

Section 4 - TOWER/REGULATORY INFORMATION

| | | | | | | | | |
|-------------------------|----|------------------------|-----|-----------------|--|--------------------------------|--|----------------------------|
| STRUCTURE AT&T OWNED?: | No | GROUND ELEVATION (ft): | 279 | STRUCTURE TYPE: | | MARKET LOCATION 700 MHz Band: | | <i>Section 10, Item C)</i> |
| ADDITIONAL REGULATORY?: | No | HEIGHT OVERALL (ft): | | FCC ASR NUMBER: | | MARKET LOCATION 850 MHz Band: | | |
| SUB-LEASE RIGHTS?: | No | STRUCTURE HEIGHT (ft): | | | | MARKET LOCATION 1900 MHz Band: | | |
| LIGHTING TYPE: | | | | | | MARKET LOCATION AWS Band: | | |
| | | | | | | MARKET LOCATION WCS Band: | | |
| | | | | | | MARKET LOCATION Future Band: | | |

Section 5 - E-911 INFORMATION - existing

Section 10, Item C)

| | PSAP NAME: | PSAP ID: | E911 PHASE: | MPC SVC PROVIDER: | LMU REQUIRED: | ESRN: | DATE LIVE PH1: | DATE LIVE PH2: | | |
|----------|------------|----------|-------------|-------------------|---------------|-------|----------------|----------------|--|--|
| SECTOR A | E-911 | | | | | | | | | |
| SECTOR B | | | | | | | | | | |
| SECTOR C | | | | | | | | | | |
| SECTOR D | | | | | | | | | | |
| SECTOR E | | | | | | | | | | |
| SECTOR F | | | | | | | | | | |
| OMNI | | | | | | | | | | |

Section 5 - E-911 INFORMATION - final

| | PSAP NAME: | PSAP ID: | E911 PHASE: | MPC SVC PROVIDER: | LMU REQUIRED: | ESRN: | DATE LIVE PH1: | DATE LIVE PH2: | | |
|----------|------------|----------|-------------|-------------------|---------------|-------|----------------|----------------|--|--|
| SECTOR A | E-911 | | | | | | | | | |
| SECTOR B | | | | | | | | | | |
| SECTOR C | | | | | | | | | | |
| SECTOR D | | | | | | | | | | |
| SECTOR E | | | | | | | | | | |
| SECTOR F | | | | | | | | | | |
| OMNI | | | | | | | | | | |

SECTION 6/7 - BBU INFORMATION - final

Section 10, Item C)

| | BBU 1 | | | | | | | | |
|-----------------------------------|------------------------|--|--|--|--|--|--|--|--|
| BBU RBS ID: | 952393 | | | | | | | | |
| TECHNOLOGY: | LTE.5G | | | | | | | | |
| BBU NAME: | MSL01372,MSJN001372 | | | | | | | | |
| BBU USID: | 320865 | | | | | | | | |
| CELL ID / BCF: | MSJN001372 | | | | | | | | |
| BTA/TID: | 210L | | | | | | | | |
| 4-9 DIGIT SITE ID: | 01801372 | | | | | | | | |
| COW OR TOY?: | No | | | | | | | | |
| CELL SITE TYPE: | SECTORIZED | | | | | | | | |
| SITE TYPE: | MACRO-CONVENTIONAL | | | | | | | | |
| BTS LOCATION ID: | GROUND | | | | | | | | |
| BASE STATION TYPE: | BASE | | | | | | | | |
| EQUIPMENT NAME: | SOUTH GLUCKSTADT | | | | | | | | |
| DISASTER PRIORITY: | 0 | | | | | | | | |
| EQUIPMENT VENDOR: | ERICSSON | | | | | | | | |
| EQUIPMENT TYPE (Model): | BASEBAND 6648 | | | | | | | | |
| BASEBAND CONFIGURATION: | xxxxx / 1x6651 / 1xXMU | | | | | | | | |
| MARKET STATE CODE: | MS,MSJ | | | | | | | | |
| NODE B NUMBER: | 1372,1372 | | | | | | | | |
| SIDEHAUL SWITCH VENDOR: | | | | | | | | | |
| SIDEHAUL SWITCH MODEL: | | | | | | | | | |
| SIDEHAUL SWITCH NAME: | | | | | | | | | |
| SIDEHAUL SWITCH ADDITIONAL CARDS: | | | | | | | | | |
| UL-CoMP: | | | | | | | | | |
| CSS - CTS COMMON ID: | MSJN001372 | | | | | | | | |
| CSS - SECONDARY FUNCTION ID: | MSL01372 | | | | | | | | |

Section 10 - CID/SAC - existing

Section 10, Item C)

| | LTE 1ST 700 | LTE 1ST 1900 | LTE 1ST AWS | LTE 2ND 700 | LTE 2ND AWS | 5G 1ST 850 | 5G 1ST 1900 | 5G 1ST AWS | 5G 1ST CBAND | 5G 2ND CBAND | | | | | | | | | | | | |
|------------------|----------------|-----------------|----------------|----------------|----------------|---------------|----------------|---------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
| SECTOR A CID/SAC | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR B | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR C | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR D | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR E | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR F | | | | | | | | | | | | | | | | | | | | | | |
| OMNI | | | | | | | | | | | | | | | | | | | | | | |

Section 10 - CID/SAC - final

| | LTE 1ST 700 | LTE 1ST 1900 | LTE 1ST AWS | LTE 2ND 700 | LTE 2ND AWS | 5G 1ST 850 | 5G 1ST 1900 | 5G 1ST AWS | 5G 1ST CBAND | 5G 2ND CBAND | | | | | | | | | | | | |
|------------------|----------------|-----------------|----------------|----------------|----------------|---------------|----------------|---------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
| SECTOR A CID/SAC | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR B | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR C | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR D | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR E | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR F | | | | | | | | | | | | | | | | | | | | | | |
| OMNI | | | | | | | | | | | | | | | | | | | | | | |

Section 11 - CURRENT RADIO COUNTS existing

| | LTE 1ST 700 | LTE 1ST 1900 | LTE 1ST AWS | LTE 1ST WCS | LTE 2ND 700 | LTE 2ND AWS | 5G 1ST 850 | 5G 1ST 1900 | 5G 1ST AWS | 5G 1ST CBAND | 5G 2ND CBAND | | | | | | | | | | | |
|-----------------------|----------------|-----------------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|--|--|
| SECTOR A RADIO COUNTS | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR B | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR C | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR D | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR E | | | | | | | | | | | | | | | | | | | | | | |
| SECTOR F | | | | | | | | | | | | | | | | | | | | | | |
| OMNI | | | | | | | | | | | | | | | | | | | | | | |

Section 16A - PLANNED/PROPOSED TOWER CONFIGURATION - SECTOR A (OR OMNI)

Section 10, Item C

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | ANTENNA POSITION 2 | ANTENNA POSITION 3 | ANTENNA POSITION 4 | ANTENNA POSITION 5 | ANTENNA POSITION 6 |
|---|---|---------------------------------|--------------------|--------------------|-----------------------------------|---------------------------------|
| Existing Antenna? | | | | | | |
| ANTENNA MAKE - MODEL | 80010992V01 | | 80010992V01 | | AIR6449 B77D+AIR6419 B77G STACKED | |
| ANTENNA VENDOR | Kathrein | | Kathrein | | Ericsson | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | 105.2X20X6.9 | | 58X15.9X8.1 | |
| ANTENNA WEIGHT | 130.1 | | 130.1 | | 147.7 | |
| AZIMUTH | 60 | | 60 | | 60 | |
| MAGNETIC DECLINATION | | | | | | |
| RADIATION CENTER (feet) | 170 | | 170 | | 170 | |
| ANTENNA TIP HEIGHT | | | | | | |
| MECHANICAL DOWNTILT | 0 | | 0 | | 0 | |
| FEEDER AMOUNT | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | 1 | 36 | 1 | 72 |
| Antenna RET Motor (QTY/MODEL) | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | |
| DUPLEXER (QTY/MODEL) | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | |
| PDU FOR TMA (QTY/MODEL) | | | | | | |
| FILTER (QTY/MODEL) | | | | | | |
| SQUID (QTY/MODEL) | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | 1 | 4478 B14 | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6449 B77D |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6419 B77G |
| RRH 7B 1 (QTY/MODEL) | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | |
| Local Market Note 2 | | | | | | |
| Local Market Note 3 | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RXAIT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE DESIGN | |
|----------------------|-------------|-------------------|---------------|---------------|---------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|--------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.A.700.4G.1 | | MSL01372_7A_1 | MSL01372_7A_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |

Section 16B - PLANNED/PROPOSED TOWER CONFIGURATION - SECTOR B

Section 10, Item C

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | ANTENNA POSITION 2 | ANTENNA POSITION 3 | ANTENNA POSITION 4 | ANTENNA POSITION 5 | ANTENNA POSITION 6 |
|---|---|---------------------------------|--------------------|--------------------|-----------------------------------|---------------------------------|
| Existing Antenna? | | | | | | |
| ANTENNA MAKE - MODEL | 80010992V01 | | 80010992V01 | | AIR6449 B77D+AIR6419 B77G STACKED | |
| ANTENNA VENDOR | Kathrein | | Kathrein | | Ericsson | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | 105.2X20X6.9 | | 58X15.9X8.1 | |
| ANTENNA WEIGHT | 130.1 | | 130.1 | | 147.7 | |
| AZIMUTH | 180 | | 180 | | 180 | |
| MAGNETIC DECLINATION | | | | | | |
| RADIATION CENTER (feet) | 170 | | 170 | | 170 | |
| ANTENNA TIP HEIGHT | | | | | | |
| MECHANICAL DOWNTILT | 0 | | 0 | | 0 | |
| FEEDER AMOUNT | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | 1 | 36 | 1 | 72 |
| Antenna RET Motor (QTY/MODEL) | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | |
| DUPLEXER (QTY/MODEL) | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | |
| PDU FOR TMA (QTY/MODEL) | | | | | | |
| FILTER (QTY/MODEL) | | | | | | |
| SQUID (QTY/MODEL) | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | 1 | 4478 B14 | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6449 B77D |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | 1 | integrated within: AIR6419 B77G |
| RRH 7B 1 (QTY/MODEL) | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | |
| Local Market Note 2 | | | | | | |
| Local Market Note 3 | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RXAIT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE LENGTH (ft) | |
|----------------------|-------------|-------------------|---------------|---------------|---------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|-------------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.B.700.4G.1 | | MSL01372_7B_1 | MSL01372_7B_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |

Section 16C - PLANNED/PROPOSED TOWER CONFIGURATION - SECTOR C

Section 10, Item C

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | | ANTENNA POSITION 2 | | ANTENNA POSITION 3 | | ANTENNA POSITION 4 | | ANTENNA POSITION 5 | | ANTENNA POSITION 6 | |
|---|---|---------------------------------|--------------------|--|--------------------|----------|--------------------|--|-----------------------------------|---------------------------------|--------------------|--|
| Existing Antenna? | | | | | | | | | | | | |
| ANTENNA MAKE - MODEL | 80010992V01 | | | | 80010992V01 | | | | AIR6449 B77D+AIR6419 B77G STACKED | | | |
| ANTENNA VENDOR | Kathrein | | | | Kathrein | | | | Ericsson | | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | | | 105.2X20X6.9 | | | | 58X15.9X8.1 | | | |
| ANTENNA WEIGHT | 130.1 | | | | 130.1 | | | | 147.7 | | | |
| AZIMUTH | 300 | | | | 300 | | | | 300 | | | |
| MAGNETIC DECLINATION | | | | | | | | | | | | |
| RADIATION CENTER (feet) | 170 | | | | 170 | | | | 170 | | | |
| ANTENNA TIP HEIGHT | | | | | | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | | | 0 | | | | 0 | | | |
| FEEDER AMOUNT | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | | | 1 | 36 | | | 1 | 72 | | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| PDU FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | | | 1 | 4478 B14 | | | | | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | | | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6449 B77D | | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6419 B77G | | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | | | | | | |
| Local Market Note 2 | | | | | | | | | | | | |
| Local Market Note 3 | | | | | | | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RXAIT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE LENGTH (ft) | |
|----------------------|-------------|-------------------|---------------|---------------|---------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|-------------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.C.700.4G.1 | | MSL01372_7C_1 | MSL01372_7C_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |

Section 17B - FINAL TOWER CONFIGURATION - SECTOR B

Section 10, Item C

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | | ANTENNA POSITION 2 | | ANTENNA POSITION 3 | | ANTENNA POSITION 4 | | ANTENNA POSITION 5 | | ANTENNA POSITION 6 | |
|---|---|---------------------------------|--------------------|--|--------------------|----------|--------------------|--|-----------------------------------|---------------------------------|--------------------|--|
| ANTENNA MAKE - MODEL | 80010992V01 | | | | 80010992V01 | | | | AIR6449 B77D+AIR6419 B77G STACKED | | | |
| ANTENNA VENDOR | Kathrein | | | | Kathrein | | | | Ericsson | | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | | | 105.2X20X6.9 | | | | 58X15.9X8.1 | | | |
| ANTENNA WEIGHT | 130.1 | | | | 130.1 | | | | 147.7 | | | |
| AZIMUTH | 180 | | | | 180 | | | | 180 | | | |
| MAGNETIC DECLINATION | | | | | | | | | | | | |
| RADIATION CENTER (feet) | 170 | | | | 170 | | | | 170 | | | |
| ANTENNA TIP HEIGHT | | | | | | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | | | 0 | | | | 0 | | | |
| FEEDER AMOUNT | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | | | 1 | 36 | | | 1 | 72 | | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| DUPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| PDU FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | | | 1 | 4478 B14 | | | | | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | | | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6449 B77D | | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6419 B77G | | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | | | | | | |
| Local Market Note 2 | | | | | | | | | | | | |
| Local Market Note 3 | | | | | | | | | | | | |

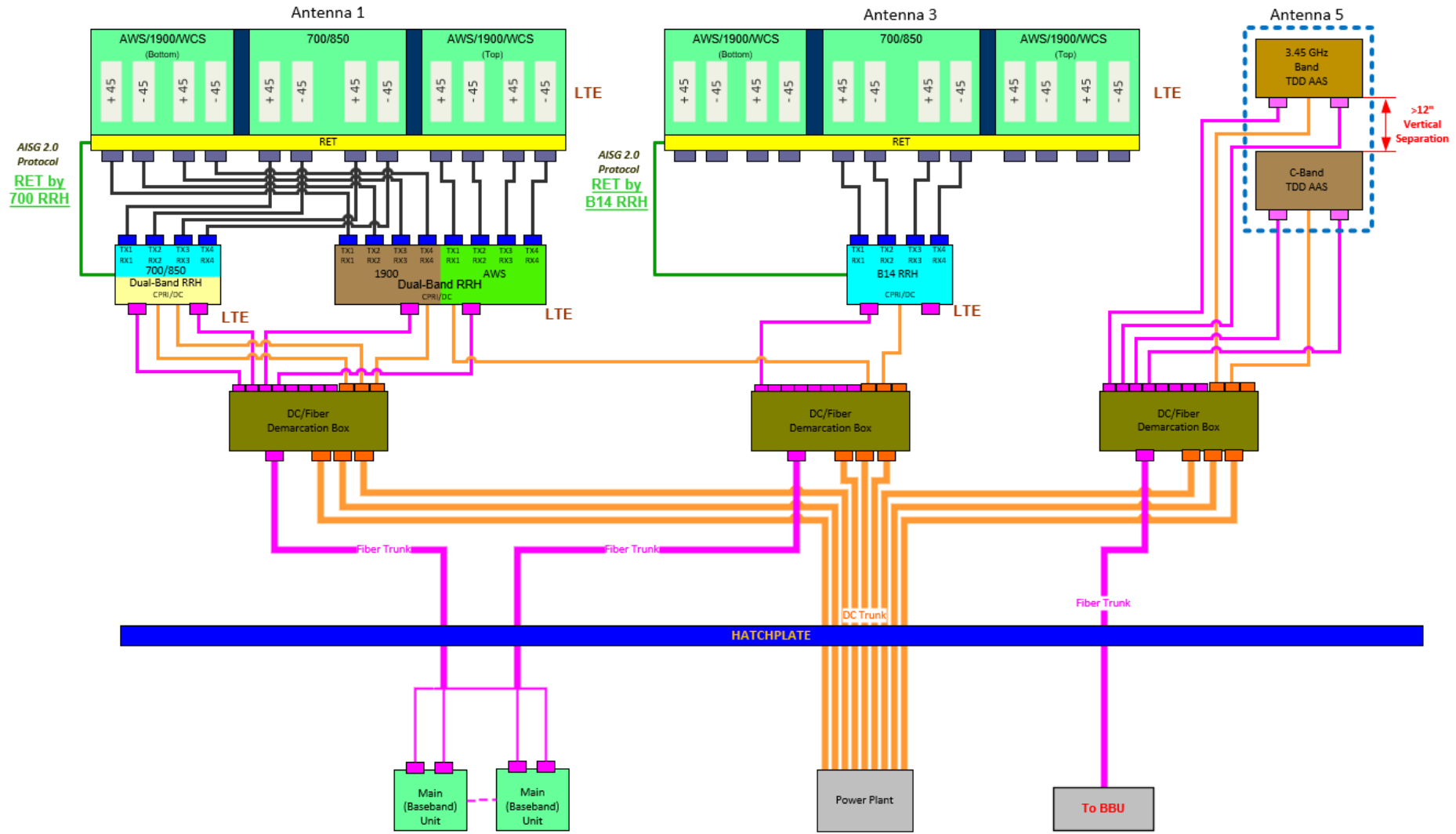
| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RX/IT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE ID (ENG) | |
|----------------------|-------------|-------------------|---------------|------------------|------------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|----------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.B.700.4G.1 | | MSL01372_7B_1 | MSL01372_7B_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |
| | PORT 2 | 320865.B.850.5G.1 | | MSJN001372_N005B | MSJN001372_N005B | | 5G 850 | 80010992V01_850MH | 16.2 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |

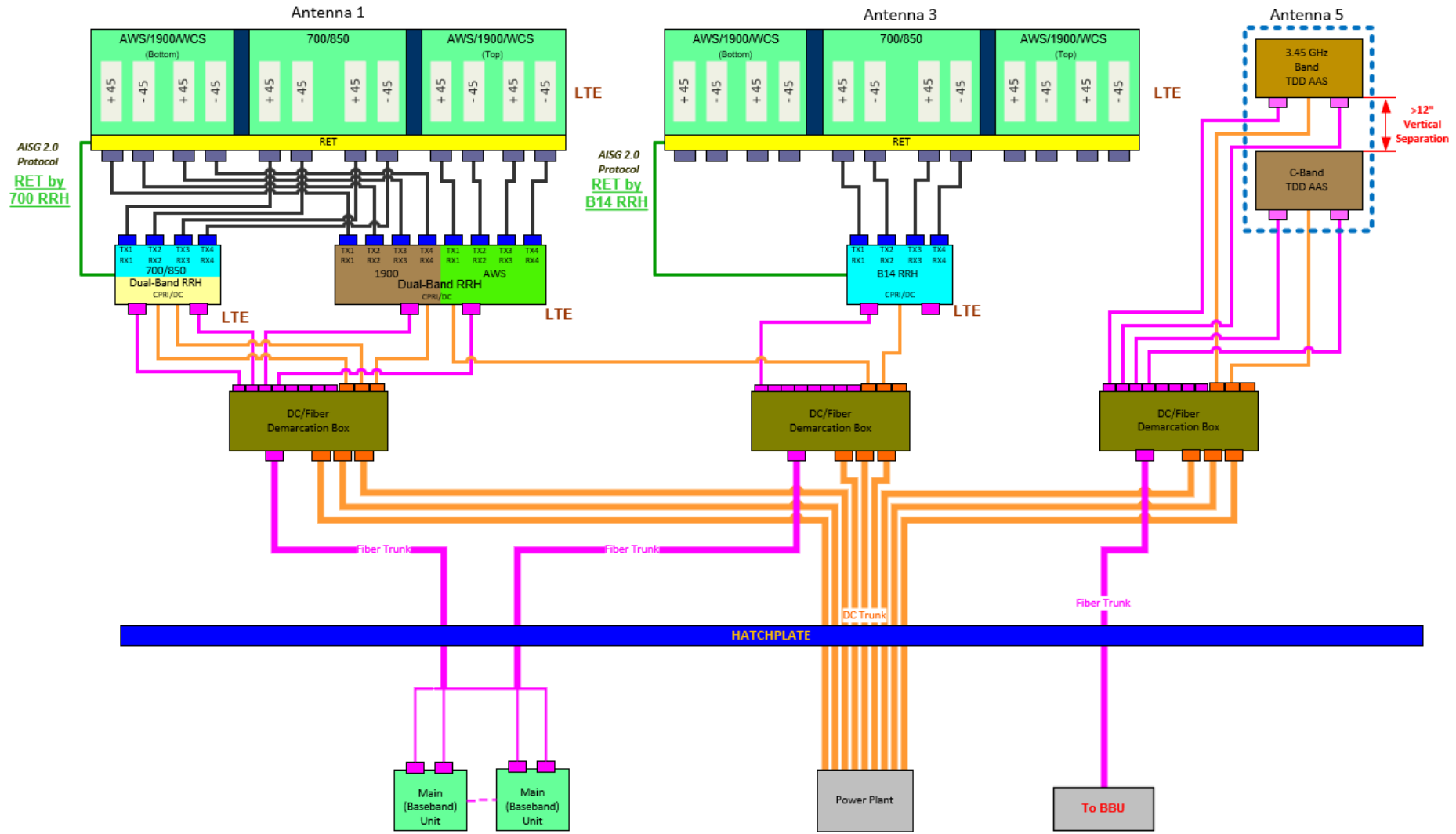
Section 17C - FINAL TOWER CONFIGURATION - SECTOR C

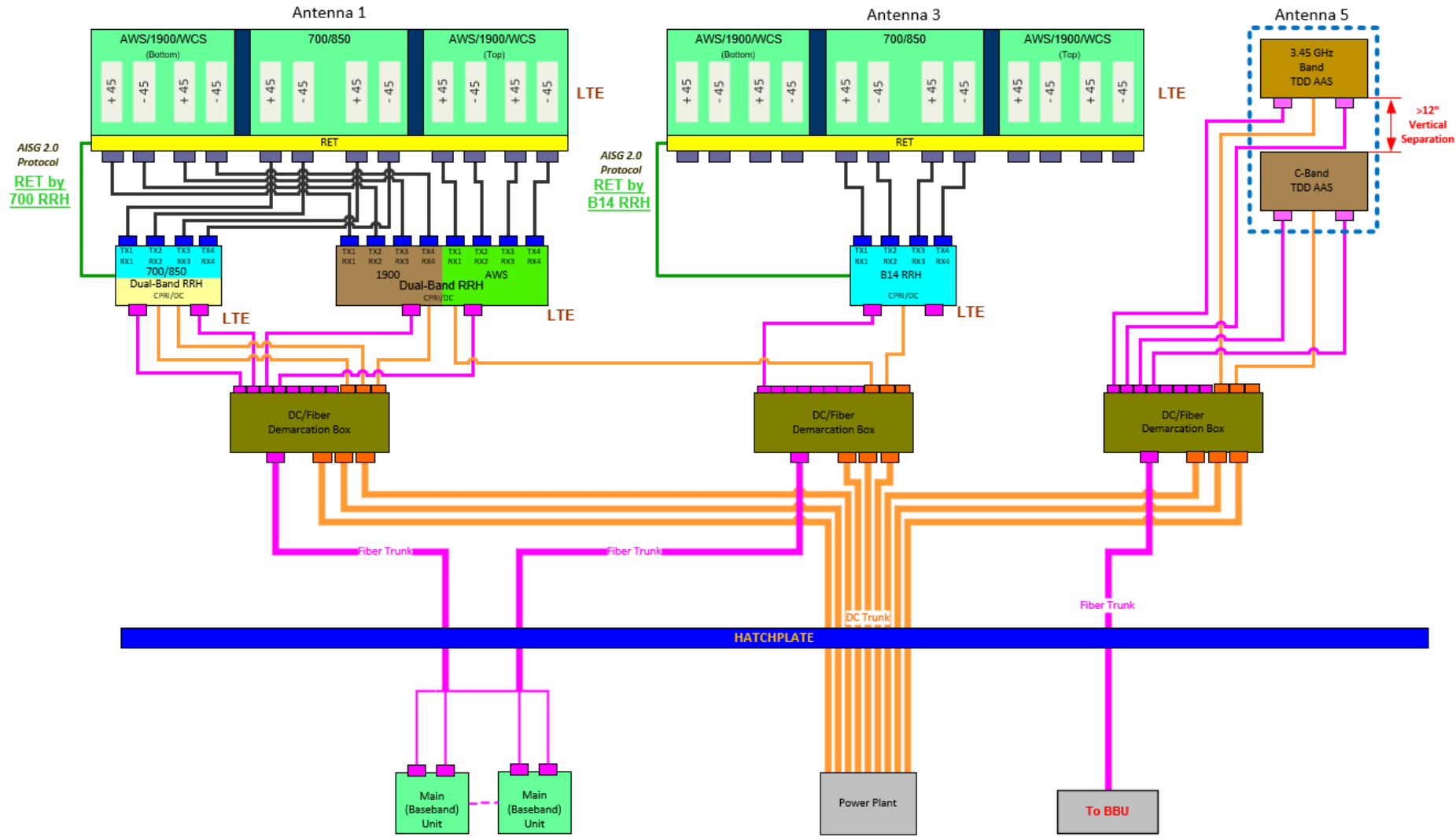
Section 10, Item C

| ANTENNA POSITION is LEFT to RIGHT from BACK OF ANTENNA (unless otherwise specified) | ANTENNA POSITION 1 | | ANTENNA POSITION 2 | | ANTENNA POSITION 3 | | ANTENNA POSITION 4 | | ANTENNA POSITION 5 | | ANTENNA POSITION 6 | |
|---|---|---------------------------------|--------------------|--|--------------------|----------|--------------------|--|-----------------------------------|---------------------------------|--------------------|--|
| ANTENNA MAKE - MODEL | 80010992V01 | | | | 80010992V01 | | | | AIR6449 B77D+AIR6419 B77G STACKED | | | |
| ANTENNA VENDOR | Kathrein | | | | Kathrein | | | | Ericsson | | | |
| ANTENNA SIZE (H x W x D) | 105.2X20X6.9 | | | | 105.2X20X6.9 | | | | 58X15.9X8.1 | | | |
| ANTENNA WEIGHT | 130.1 | | | | 130.1 | | | | 147.7 | | | |
| AZIMUTH | 300 | | | | 300 | | | | 300 | | | |
| MAGNETIC DECLINATION | | | | | | | | | | | | |
| RADIATION CENTER (feet) | 170 | | | | 170 | | | | 170 | | | |
| ANTENNA TIP HEIGHT | | | | | | | | | | | | |
| MECHANICAL DOWNTILT | 0 | | | | 0 | | | | 0 | | | |
| FEEDER AMOUNT | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA ABOVE (TIP to TIP) | | | | | | | | | | | | |
| VERTICAL SEPARATION from ANTENNA BELOW (TIP to TIP) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to LEFT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from CLOSEST ANTENNA to RIGHT (CENTERLINE to CENTERLINE) | | | | | | | | | | | | |
| HORIZONTAL SEPARATION from ANOTHER ANTENNA (which antenna # / # of inches) | 3 | 36 | | | 1 | 36 | | | 1 | 72 | | |
| Antenna RET Motor (QTY/MODEL) | | | | | | | | | | | | |
| SURGE ARRESTOR (QTY/MODEL) | | | | | | | | | | | | |
| DIPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| DUPLEXER (QTY/MODEL) | | | | | | | | | | | | |
| Antenna RET CONTROL UNIT (QTY/MODEL) | | | | | | | | | | | | |
| DC BLOCK (QTY/MODEL) | | | | | | | | | | | | |
| TMA/LNA (QTY/MODEL) | | | | | | | | | | | | |
| CURRENT INJECTORS FOR TMA (QTY/MODEL) | | | | | | | | | | | | |
| PDU FOR TMAS (QTY/MODEL) | | | | | | | | | | | | |
| FILTER (QTY/MODEL) | | | | | | | | | | | | |
| SQUID (QTY/MODEL) | | | | | | | | | | | | |
| FIBER TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| DC TRUNK (QTY/MODEL) | | | | | | | | | | | | |
| REPEATER (QTY/MODEL) | | | | | | | | | | | | |
| RRH - 700 band (QTY/MODEL) | 1 | 4449 B5/B12 | | | 1 | 4478 B14 | | | | | | |
| RRH - 850 band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - 1900 band (QTY/MODEL) | 1 | 8843 B2/B66A | | | | | | | | | | |
| RRH - AWS band (QTY/MODEL) | 1 | RRH is shared with another band | | | | | | | | | | |
| RRH - WCS band (QTY/MODEL) | | | | | | | | | | | | |
| Additional RRH #1 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6449 B77D | | |
| Additional RRH #2 - any band (QTY/MODEL) | | | | | | | | | 1 | integrated within: AIR6419 B77G | | |
| RRH 7B 1 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 2 (QTY/MODEL) | | | | | | | | | | | | |
| RRH 7B 3 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 1 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 2 (QTY/MODEL) | | | | | | | | | | | | |
| Additional Component 3 (QTY/MODEL) | | | | | | | | | | | | |
| Local Market Note 1 | All 44xx/88xx radios should use high-temp SFP7's as specified by AT&T HQ Field Notice BTS-HW-2014-111. SFP/CPRI counts per radio should match plumbing diagram. | | | | | | | | | | | |
| Local Market Note 2 | | | | | | | | | | | | |
| Local Market Note 3 | | | | | | | | | | | | |

| PORT SPECIFIC FIELDS | PORT NUMBER | USEID (CSSng) | USEID (Atoll) | ATOLL TXID | ATOLL CELL ID | TX/RX ? | TECHNOLOGY/FREQUENCY | ANTENNA ATOLL | ANTENNA GAIN | ELECTRICAL AZIMUTH | ELECTRICAL TILT | RRH LOCATION (Top/Bottom/Integrated/None) | FEEDERS TYPE | FEEDER LENGTH (feet) | RX/IT KIT MODULE? | TRIPLEXER or LLC (QTY) | TRIPLEXER or LLC (MODEL) | SCPA/MCPA MODULE? | HATCHPLATE POWER (Watts) | ERP (Watts) | Antenna RET Name | CABLE NUMBER | CABLE ID (ENG) | |
|----------------------|-------------|-------------------|---------------|------------------|------------------|---------|----------------------|-------------------------|--------------|--------------------|-----------------|---|--------------|----------------------|-------------------|------------------------|--------------------------|-------------------|--------------------------|-------------|------------------|--------------|----------------|--|
| ANTENNA POSITION 1 | PORT 1 | 320865.C.700.4G.1 | | MSL01372_7C_1 | MSL01372_7C_1 | | LTE 700 | 80010992V01_725MHZ_01DT | 15.6 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |
| | PORT 2 | 320865.C.850.5G.1 | | MSJN001372_N005C | MSJN001372_N005C | | 5G 850 | 80010992V01_850MH | 16.2 | | 1 | TOP | FIBER | 0 | NO | | | | | | | | | |







NOTES

Section 10, Item C)

| Date Time (Eastern) | Version | ATTUID | Note |
|-----------------------|---------|--------|---|
| 11/3/2022 4:04:23 PM | 1.00 | rh2627 | Version 1 - Initial RFDS |
| 6/7/2023 11:55:53 AM | 2.00 | rh2627 | RFDS VERSION incremented. |
| 6/7/2023 11:55:58 AM | 2.00 | rh2627 | Version 2 - Added Band 77 BBU, soft sector, and cells information based on dRAN transport designation |
| 11/10/2023 3:31:53 PM | 3.00 | rh2627 | RFDS VERSION incremented. |
| 11/10/2023 6:15:46 PM | 3.00 | rh2627 | Version 3 - Removed WCS jobs and equipment, reconfigured baseband to match updated radio counts. |

WORKFLOW SUMMARY

Section 10, Item C)

PA
State

| Date | FROM State / Status | FROM ATTUID | TO State / Status | TO ATTUID | Operation | Comments | |
|------------|------------------------------------|----------------|------------------------------------|--------------|-----------|----------|--|
| 11/04/2022 | Preliminary In Progress | rh2627 | Preliminary Submitted for Approval | JB134K | Promote | | ER_-RBHM-22-17979 MRBHM037444 SUCCESS 11/04/2022 1:01:21 AM ER_-RBHM-22-17980 MRBHM037433 SUCCESS 11/04/2022 1:01:21 AM SER-RBHM-19-00733 FAILURE 11/04/2022 1:01:21 AM SER-RBHM-19-00880 PENDING 11/04/2022 1:01:21 AM SER-RBHM-19-00799 FAILURE 11/04/2022 1:01:21 AM SER-RBHM-18-15800 PENDING 11/04/2022 1:01:21 AM SER-RBHM-19-00430 PENDING 11/04/2022 1:01:21 AM SER-RBHM-19-00649 FAILURE 11/04/2022 1:01:21 AM |
| 11/04/2022 | Preliminary Submitted for Approval | JB134K | Preliminary Approved | SS6662 | Promote | | |
| 11/04/2022 | Preliminary Approved | SS6662 | Final RF Approval | RH2627 | Promote | | |
| 11/16/2022 | Final RF Approval | RH2627 | Final Approved | SS6662 | Promote | | ER_-RBHM-22-17979 PENDING 11/16/2022 12:33:36 PM ER_-RBHM-22-17980 PENDING 11/16/2022 12:33:36 PM SER-RBHM-19-00733 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-19-00880 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-19-00799 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-18-15800 PENDING 11/16/2022 12:33:36 PM SER-RBHM-19-00430 FAILURE 11/16/2022 12:33:36 PM SER-RBHM-19-00649 FAILURE 11/16/2022 12:33:36 PM |
| 11/16/2022 | Final Approved | SS6662 | As Built In Progress | SS6662 | Promote | | ER_-RBHM-22-17979 PENDING 11/16/2022 12:59:42 PM ER_-RBHM-22-17980 PENDING 11/16/2022 12:59:42 PM SER-RBHM-19-00733 PENDING 11/16/2022 12:59:42 PM SER-RBHM-19-00880 FAILURE 11/16/2022 12:59:42 PM |

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PM
SER-RBHM-19-00799 PEN
PM
SER-RBHM-18-15800 FAILURE 11/16/2022 12:59:42
PM
SER-RBHM-19-00430 FAILURE 11/16/2022 12:59:42
PM
SER-RBHM-19-00649 FAILURE 11/16/2022 12:59:42
PM

| | | | | | | | |
|------------|------------------------------------|--------|------------------------------------|--------|-----------|---|--|
| | | | | | | | PM SER-RBHM-19-00799 PEN PM SER-RBHM-18-15800 FAILURE 11/16/2022 12:59:42 PM SER-RBHM-19-00430 FAILURE 11/16/2022 12:59:42 PM SER-RBHM-19-00649 FAILURE 11/16/2022 12:59:42 PM |
| 06/07/2023 | As Built In Progress | SS6662 | Final RF Approval | rh2627 | Pull Back | Pulling back to add BBUs, Soft Sectors, and Cells based on recent Band 77 DRAN transport designation. | |
| 06/07/2023 | Final RF Approval | rh2627 | Preliminary In Progress | rh2627 | Pull Back | Pulling back to add BBUs, Soft Sectors, and Cells based on recent Band 77 DRAN transport designation. | |
| 06/07/2023 | Preliminary In Progress | rh2627 | Preliminary Submitted for Approval | JB134K | Promote | Added BBUs, soft sectors, and cells for Band 77 based on recent dRAN transport designation | ER_-RBHM-22-17979 PENDING 06/07/2023 1:01:20 PM ER_-RBHM-22-17980 PENDING 06/07/2023 1:01:20 PM SER-RBHM-19-00733 FAILURE 06/07/2023 1:01:20 PM SER-RBHM-19-00880 FAILURE 06/07/2023 1:01:20 PM SER-RBHM-19-00799 PENDING 06/07/2023 1:01:20 PM SER-RBHM-18-15800 PENDING 06/07/2023 1:01:20 PM SER-RBHM-19-00430 PENDING 06/07/2023 1:01:20 PM SER-RBHM-19-00649 PENDING 06/07/2023 1:01:20 PM |
| 06/07/2023 | Preliminary Submitted for Approval | JB134K | Preliminary Approved | SS6662 | Promote | | |
| 06/07/2023 | Preliminary Approved | SS6662 | Final RF Approval | RH2627 | Promote | | |
| 06/07/2023 | Final RF Approval | RH2627 | Final Approved | SS6662 | Promote | | ER_-RBHM-22-17979 PENDING 06/07/2023 4:19:31 PM ER_-RBHM-22-17980 PENDING 06/07/2023 4:19:31 PM SER-RBHM-19-00733 PENDING 06/07/2023 4:19:31 PM SER-RBHM-19-00880 FAILURE 06/07/2023 4:19:31 PM SER-RBHM-19-00799 PENDING 06/07/2023 4:19:31 PM SER-RBHM-18-15800 FAILURE 06/07/2023 4:19:31 PM |

Section 10, Item C)

| | | | | | | | |
|------------|------------------------------------|--------|------------------------------------|--------|-----------|---|--|
| | | | | | | | PM SER-RBHM-19-00430 FAIL PM SER-RBHM-19-00649 PENDING 06/07/2023 4:19:31 PM |
| 06/07/2023 | Final Approved | SS6662 | As Built In Progress | ss6662 | Promote | | ER_-RBHM-22-17979 PENDING 06/07/2023 5:23:11 PM ER_-RBHM-22-17980 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-19-00733 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-19-00880 PENDING 06/07/2023 5:23:11 PM SER-RBHM-19-00799 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-18-15800 FAILURE 06/07/2023 5:23:11 PM SER-RBHM-19-00430 PENDING 06/07/2023 5:23:11 PM SER-RBHM-19-00649 FAILURE 06/07/2023 5:23:11 PM |
| 11/10/2023 | As Built In Progress | ss6662 | Final RF Approval | rh2627 | Pull Back | Pulling back to remove WCS jobs and equipment and reconfigure appropriately | |
| 11/10/2023 | Final RF Approval | rh2627 | Preliminary In Progress | rh2627 | Pull Back | Pulling back to remove WCS jobs and equipment and reconfigure appropriately | |
| 11/10/2023 | Preliminary In Progress | rh2627 | Preliminary Submitted for Approval | JB134K | Promote | Removed WCS jobs and equipment, and reconfigured baseband to updated radio counts | ER_-RBHM-22-17979 FAILURE 11/10/2023 11:24:10 PM ER_-RBHM-22-17980 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00733 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00880 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00799 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-18-15800 FAILURE 11/10/2023 11:24:10 PM SER-RBHM-19-00430 FAILURE 11/10/2023 11:24:10 PM |
| 11/13/2023 | Preliminary Submitted for Approval | JB134K | Preliminary Approved | SS6662 | Promote | | |

City of Gluckstadt

Application for Conditional Use

Subject Property Address: Church Rd, Gluckstadt
 Parcel #: 082E-15-001/04.02

Owner: S&D Realty, LLC Applicant: S&D Realty, LLC
 Address: 115 Honours LN Address: 115 Honours Lane
Madison, MS Madison, MS

Phone #: 601-559-8161 Phone #: 601-559-8161
 E-Mail: ~~dbola@a~~ E-Mail: dbola14@gmail.com
dbola14@gmail.com

Current Zoning District: C-2
 Acreage of Property (if applicable): 3.47 acres
 Use sought of Property: Retail / Office / Sports complex

Requirements of Applicant:

1. Letter demonstrating how the proposed use will comply with or otherwise satisfy the requirements for granting a Conditional Use pursuant to Section 804.01 of the Zoning Ordinance.
2. Copy of written legal description.
3. Additional items may be requested depending on the nature and status of the proposed development or property.
4. \$ 250.00 fee required for processing
5. Site Plan as required in Section 807-810

Requirements for Granting Conditional Use: (Section 805.01, Zoning Ordinance)

A Conditional Use shall not be granted unless satisfactory provisions and arrangements have been made concerning all the following:

- (a). Ingress and egress to property and proposed structures
- (b). Off-Street parking and loading areas
- (c). Refuse and service areas
- (d). Utilities, with reference locations, availability, and compatibility.
- (e). Screening and buffering with reference to type, dimensions, and character.
- (f). Required yards and other open spaces.
- (g). General compatibility with adjacent properties and other properties in the district.
- (h). Any other provisions deemed applicable by the Mayor and Board of Aldermen.

Applicant shall be present at the Planning and Zoning Commission meeting and Mayor and Board of Alderman meeting. Documents shall be submitted thirty (30) days prior to the Planning and Zoning Commission meeting.

City of Gluckstadt

Application for Site Plan Review

Subject Property Address: Church Rd,
Parcel #: 082E-15-001/04.02

Owner: TICO Investments
Address: Danny Bolanos

Applicant: Daniel Wealdridge
Address: 464 Church Rd
Suite 700 Madison

Phone #: 601-559-8161
E-Mail: dbola14@gmail.com

Phone #: 601-209-8665
E-Mail: wealdridgearchitecture@yahoo.com

Current Zoning District: C-2
Acreage of Property (If applicable): 3.47 ac
Use sought of Property: Retail / Recreation

Requirements of Applicant:

- 1. Copy of written legal description.
2. Site Plan as required in Section 807-810
3. Color Rendering & Elevations at time of submittal

Requirements for Site Plan Submittal (Section 808, Zoning Ordinance)

Nine (9) copies of the site plan shall be prepared and submitted to the Zoning Administrator. Digital copies are acceptable. Three (3) hard copies are required.

Site Plan Specifications (Section 809, Zoning Ordinance)

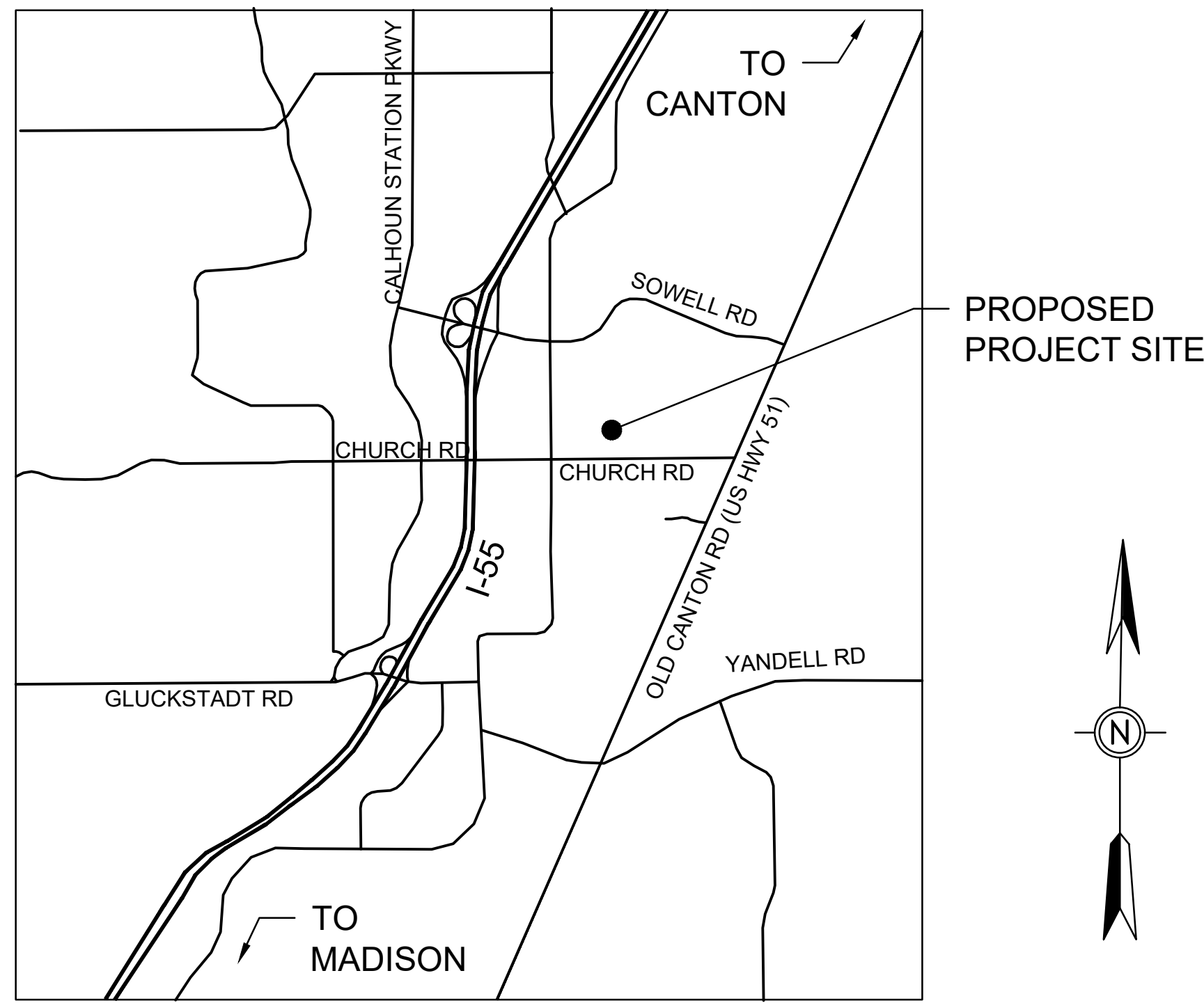
- A. Lot Lines (property lines)
B. Zoning of the adjacent lots
C. The names of owners of adjacent lots
D. Rights of way existing and proposed streets, including streets shown on the adopted Throughfares plan
E. Access ways, curb cuts, driveways, and parking, including number of parking spaces to be provided
F. All existing and proposed easements
G. All existing and proposed water and sewer lines. Also, the location of all existing and proposed fire hydrants.
H. Drainage plan showing existing and proposed storm drainage facilities. The drainage plan shall indicate adjacent off site drainage courses and projected storm water flow rates from off-site and on-site sources.
I. Contours at vertical intervals of five (5) feet or less.
J. Floodplain designation, according to FEMA Maps.
K. Landscaped areas and planting screens.

MAGNOLIA COMMONS

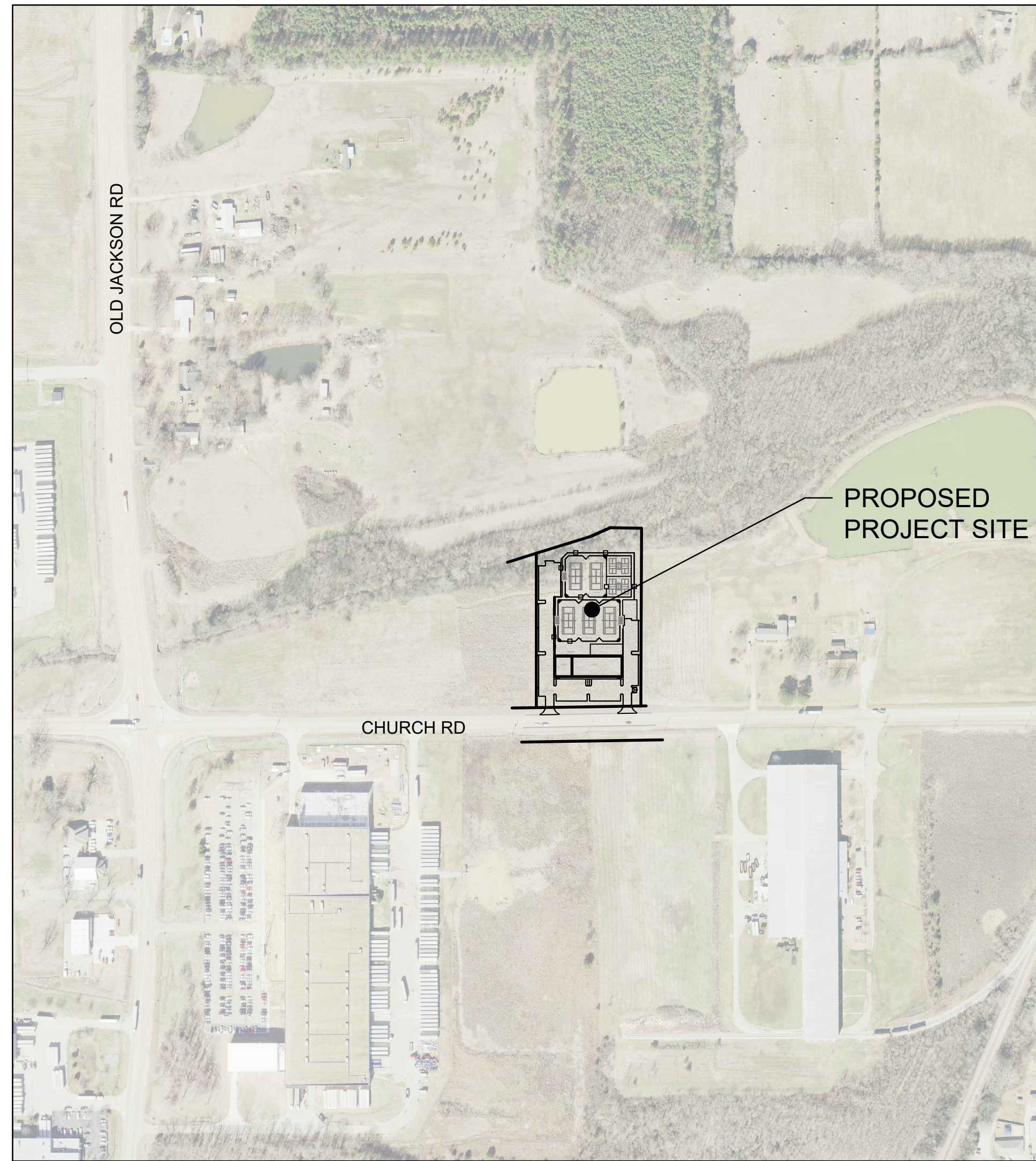
A PROPOSED COMMERCIAL SITE DEVELOPMENT

CHURCH ROAD

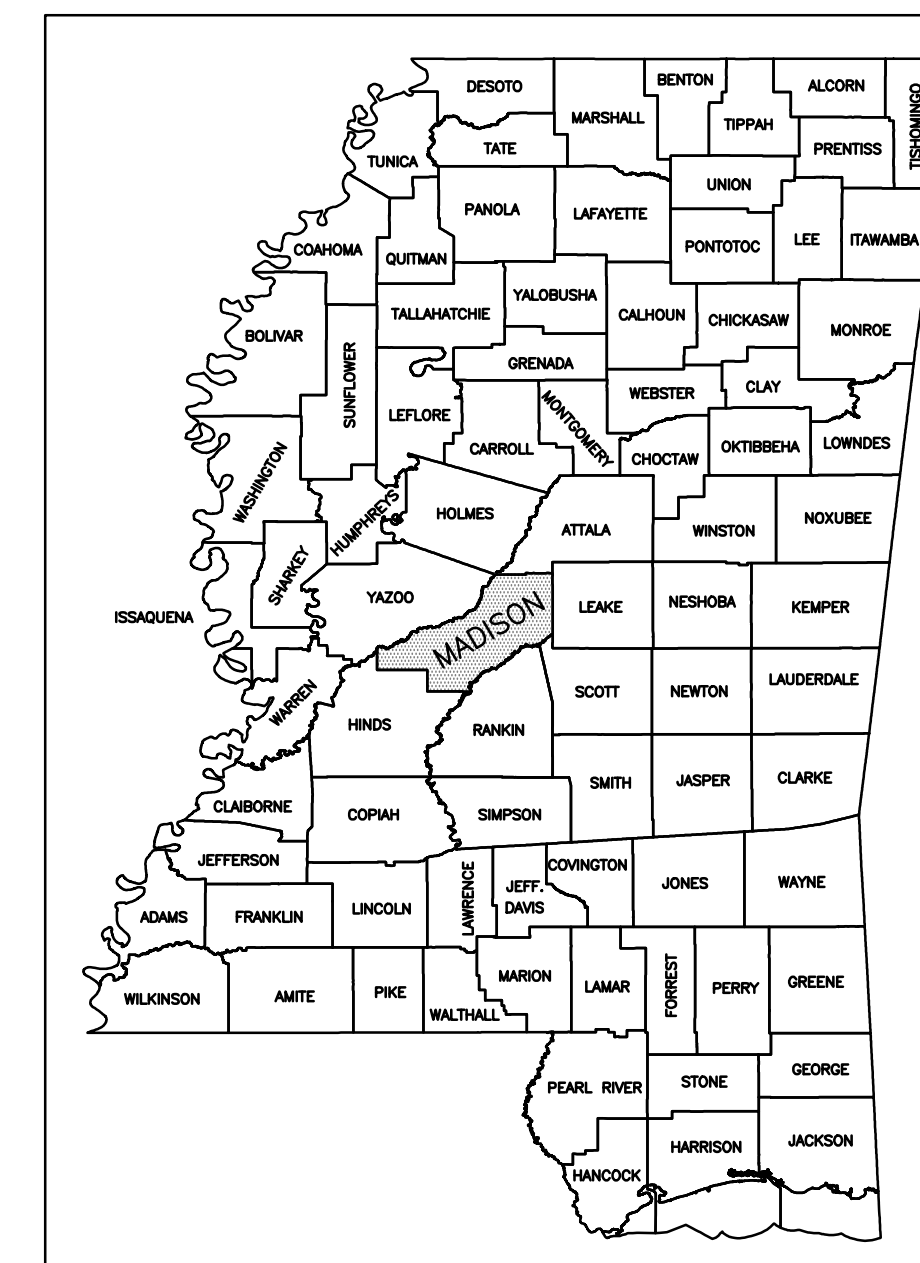
GLUCKSTADT, MS 39110



CITY LOCATION
SCALE: NONE



STREET LOCATION
SCALE: 1"=300'



STATE LOCATION
(MADISON COUNTY)

- TABLE OF CONTENTS**
1. COVER
 2. EXISTING CONDITIONS & DEMO PLAN
 3. SITE PLAN
 4. UTILITY PLAN
 5. GRADING PLAN
 6. EROSION CONTROL PLAN (SWPPP)
 7. SITE DETAILS
 8. UTILITY DETAILS
 9. PUMP STATION DETAILS

DEAN
ENGINEERING SOLUTIONS, INC.
4780 I-55 NORTH, SUITE 100-4
JACKSON, MS 39211
601-557-2002 WWW.DEANESI.COM

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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS
SHEET TITLE: COVER
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
1



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C:\Users\klemc\OneDrive - deaneesi.com\OneDrive - deaneesi.com\Projects\DESD\Danny Bolanos\Design\Design\Bolanos.dwg, 1 Cover, 10/5/2023 3:11:06 AM, Sheet: DWG 10 PDF.plt, MCH expanded D (0.00 x 36.00 inches), 1:1

SURVEY NOTES:

- EXISTING SURVEY INFORMATION SHOWN THIS SHEET PROVIDED BY: RICHARD T. TOLBERT. PLS. 100 OLD ORCHARD RD, MADISON, MS 39110. DATE OF SURVEY: 2022-05-07
- LOCATION OF UNDERGROUND UTILITIES & STRUCTURES OF ANY TYPE MAY NOT BE COMPLETE OR EXACT. FOR MORE POSITIVE LOCATIONS CONTACT MISSISSIPPI ONE CALL SYSTEM INC. (TELEPHONE NO. 811) OR OTHER LOCAL AUTHORITIES TO LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION. ALL NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW AND APPROVAL BY ENGINEER PRIOR TO CONSTRUCTION. THIS PLAN IS DIAGRAMMATIC AND REPRESENTS THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED.

DEAN
ENGINEERING SOLUTIONS, INC.
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| No. | Description | Date |
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| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

DRAWING ISSUED

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

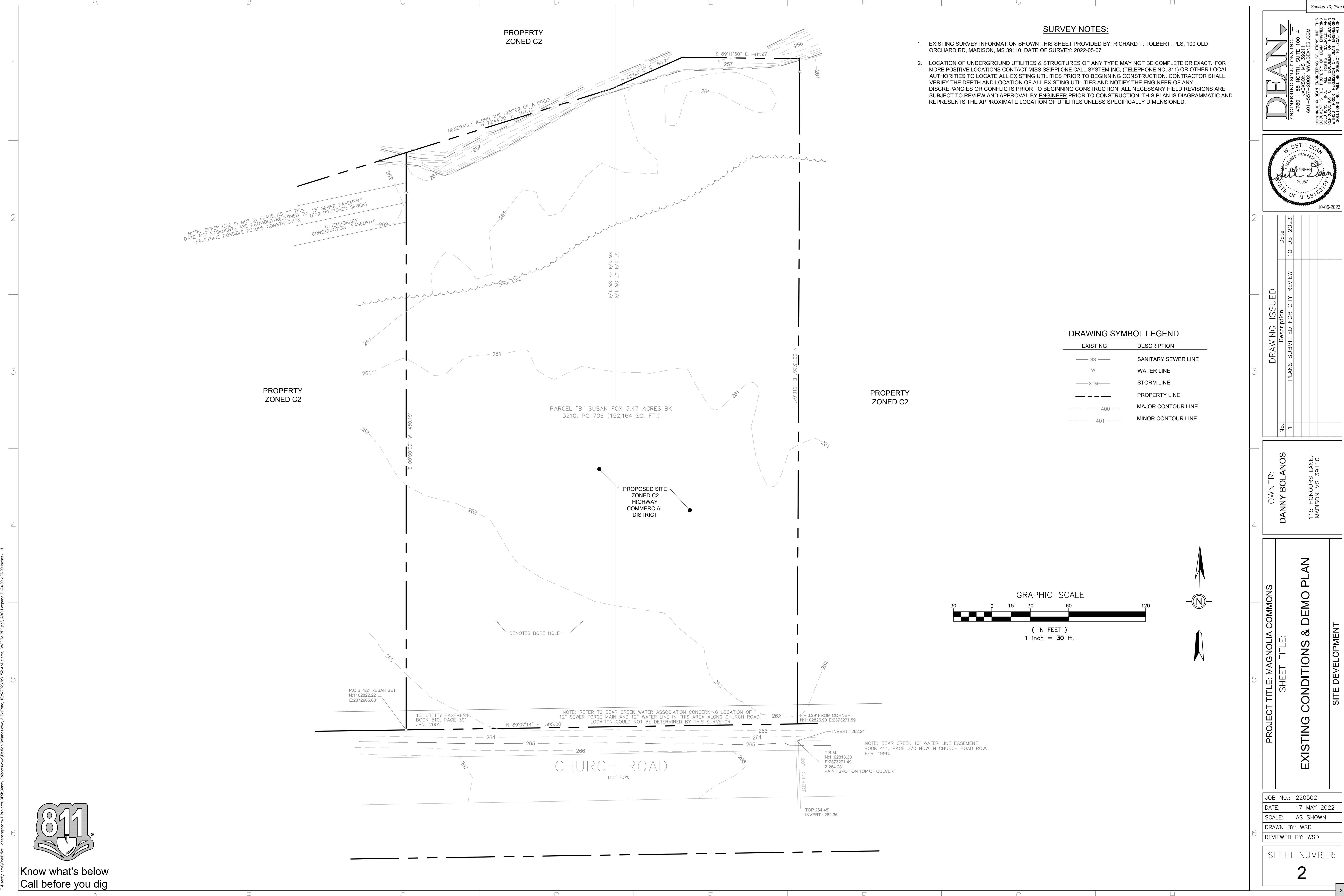
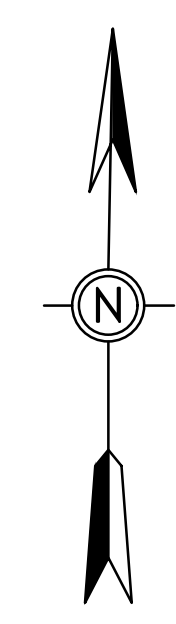
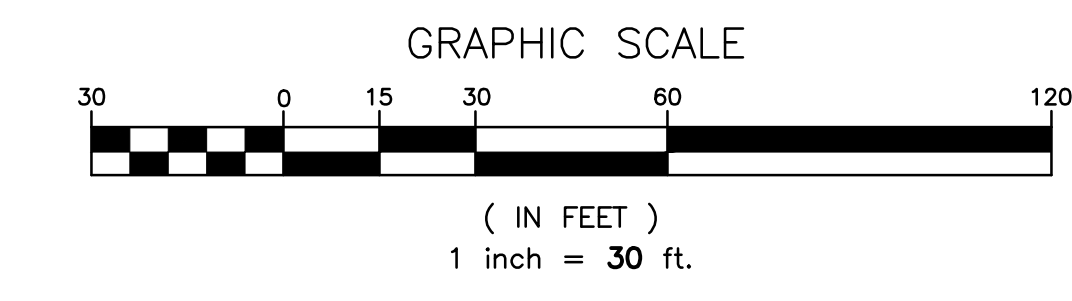
PROJECT TITLE: MAGNOLIA COMMONS
SHEET TITLE:
EXISTING CONDITIONS & DEMO PLAN
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
2

DRAWING SYMBOL LEGEND

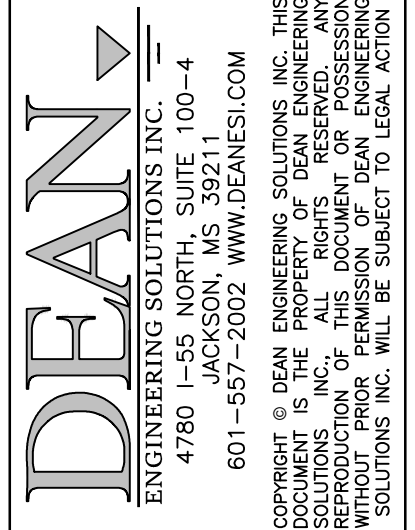
| EXISTING | DESCRIPTION |
|----------|---------------------|
| — SS — | SANITARY SEWER LINE |
| — W — | WATER LINE |
| — STM — | STORM LINE |
| — — — — | PROPERTY LINE |
| — 400 — | MAJOR CONTOUR LINE |
| — -401 - | MINOR CONTOUR LINE |



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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
SITE PLAN
SITE DEVELOPMENT

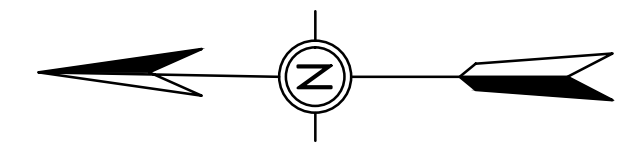
JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
3

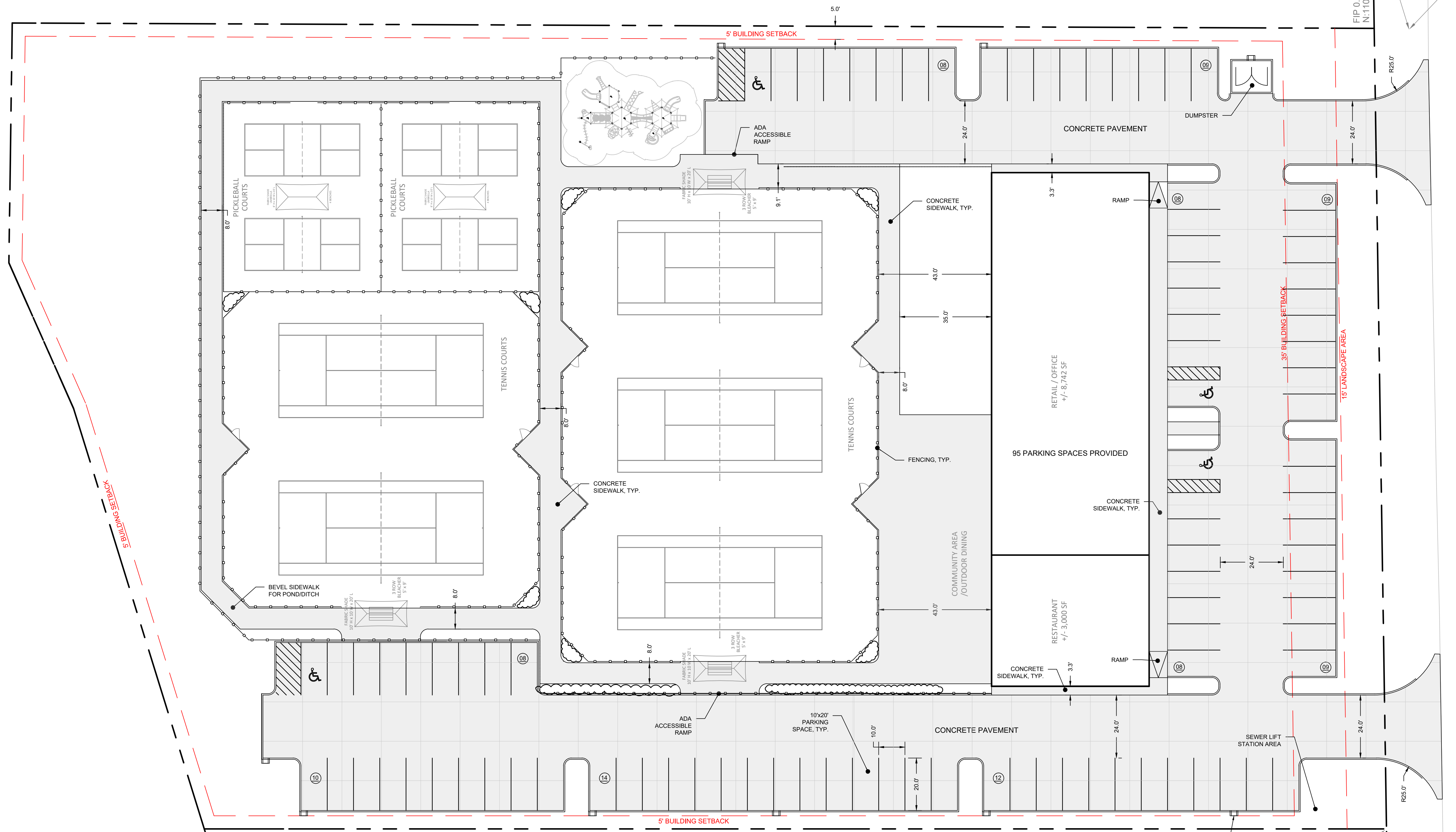
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.



PROPOSED GROSS LOT COVERAGE OF BUILDINGS AND STRUCTURES
BUILDING SIZE: 11,742 SF TOTAL (EACH SINGLE STORY)



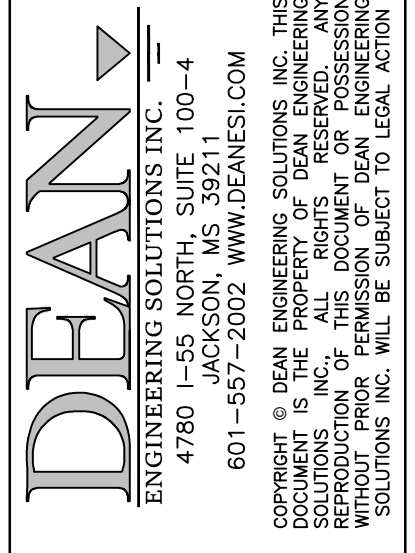
SITE PLAN NOTES

1. ADA HANDICAPPED (HC) PARKING: REFER TO THE ADA HC DETAILS FOR DIMENSIONS AND SPECIFICATIONS ON REGULAR HC AND VAN ACCESSIBLE PARKING REQUIREMENTS. A MIN. OF 2 SPACES SHALL BE RESERVED FOR HC PARKING, AND A MIN. OF ONE SHALL BE VAN ACCESSIBLE. GRADES ACROSS ADA PARKING SHALL NOT EXCEED 2.0% SLOPE IN ANY DIRECTION
2. STRIPING: ALL PARKING SPACE STRIPING SHALL BE 4" WIDE STRIPES, WHITE TRAFFIC PAINT.
3. SIDEWALKS: SHALL BE MIN. 5' WIDE TYPICALLY, EXCEPT WHERE SPECIFIED OTHERWISE AND SHALL BE LIGHT-DUTY CONCRETE PAVEMENT, 4" THICK, MIN. SLOPED AT 2.0% MAX. AWAY FROM BUILDING.
4. DIMENSIONS: ALL DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE NOTED.
5. CONCRETE JOINTS: JOINTS SHALL BE SPACED ON 10FT x 10FT SQUARE GRID PATTERN TYPICAL. JOINTS SHOULD FORM PANELS THAT ARE APPROXIMATELY SQUARE WITH THE LONGEST PANEL DIMENSION NO MORE THAN 1.25 TIMES THE SHORTEST PANEL DIMENSION. JOINTS SHOULD INTERSECT RADIUSES & OTHER STRUCTURES AT A NEAR PERPENDICULAR ANGLE, OR HAVE A ±18° SEGMENT THAT HITS PERPENDICULARLY. CONCRETE JOINT SPACING, REINFORCEMENT AND LAYOUT SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE'S "GUIDE FOR THE DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS" - ACI 309. SEE DETAILS FOR ADDITIONAL PAVING AND JOINT REQUIREMENTS. CONTRACTOR SHALL SUBMIT A SHOP DRAWING FOR REVIEW SHOWING PROPOSED SAW-JOINT PATTERNS, DIMENSIONS, LOCATIONS OF CONSTRUCTION-JOINTS, ISOLATION-JOINTS AND EXPANSION-JOINTS, AND CONCRETE MIX DESIGN PROPERTIES.



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C:\Users\klem\OneDrive - deaneer.com\Projects\DEAN\Danny Bolanos\Design\Design\Bolanos.dwg, 3 Site Plan, 10/25/2023 3:37:08 AM, dnm, DWG To PDF.pc3, ARX registered CAD, 36,000 records, 1:1



| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
UTILITY PLAN
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

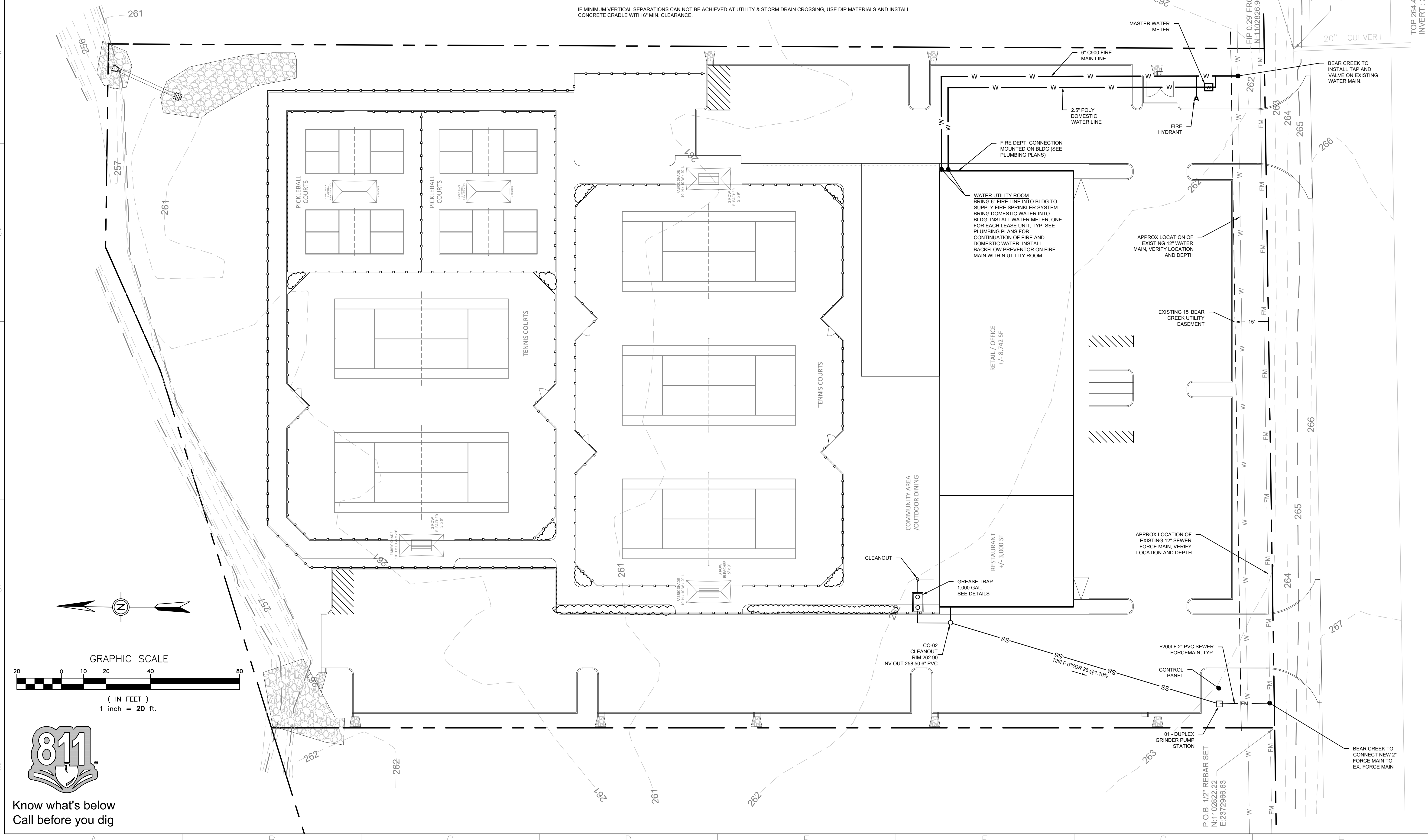
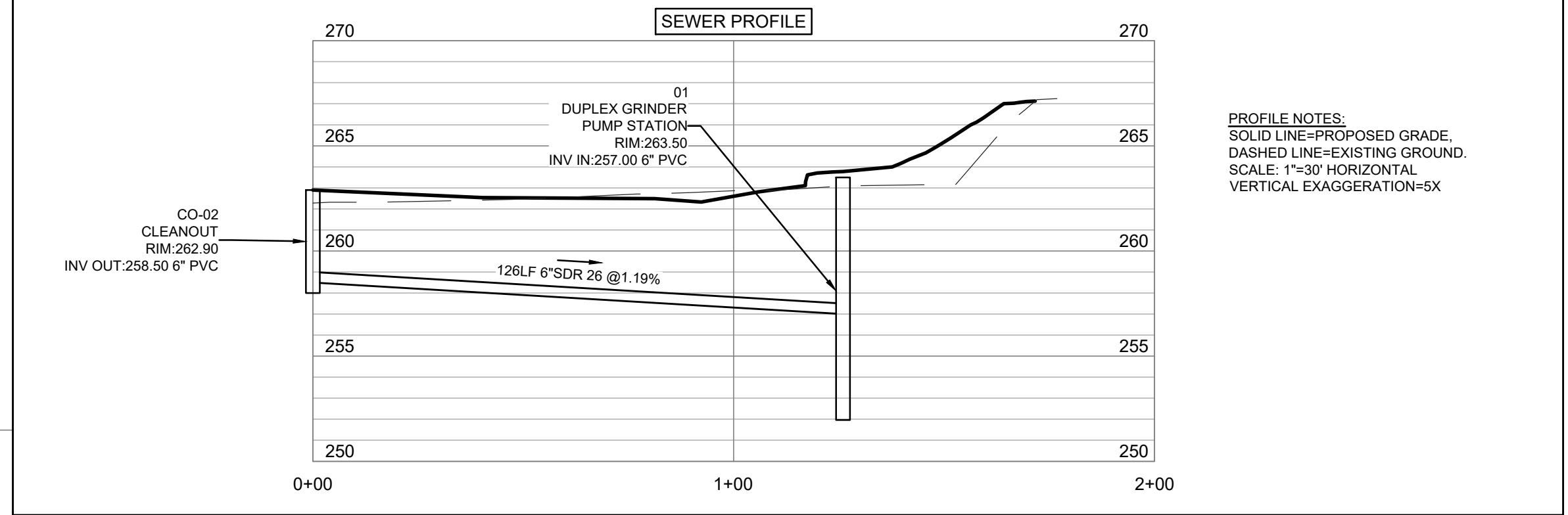
SHEET NUMBER:
4

DRAWING SYMBOL LEGEND

| EXISTING | PROPOSED | DESCRIPTION |
|----------|----------|---------------------|
| — FM — | — FM — | SEWER FORCE MAIN |
| — SS — | — SS — | SANITARY SEWER LINE |
| — W — | — W — | WATER LINE |

UTILITY PLAN NOTES

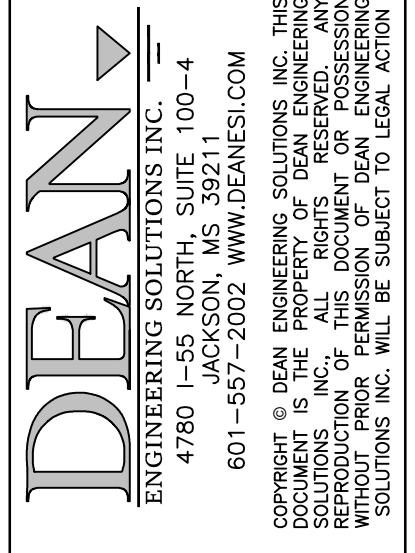
- BEAR CREEK COORDINATION:** CONTRACTOR SHALL COORDINATE WITH BEAR CREEK ALL WATER AND SEWER CONSTRUCTION IN ROW. BEAR CREEK SHALL INSTALL THE WATER INFRASTRUCTURE FROM THE EXISTING CONNECTION UP TO AND INCLUDING THE MASTER WATER METER. BEAR CREEK SHALL INSTALL THE PROPOSED FORCE MAIN CONNECTION TO EXISTING FORCE MAIN AND LEAVE A STUB OUT FOR CONTRACTOR.
 - DUPLEX GRINDER PUMP STATION:** PUMP STATION SHALL BE INSTALLED PER BEAR CREEK WATER ASSOCIATION CONSTRUCTION STANDARDS. SEE SPECIFICATIONS AND DETAILS FOR ADDITIONAL CONSTRUCTION AND PERFORMANCE REQUIREMENTS.
 - GREASE TRAP:** CONTRACTOR SHALL INSTALL GREASE TRAP AND CONNECT TO NEAREST GRAVITY SEWER DISCHARGE LINE ENSURING STRUCTURE OPERATES PROPERLY AND AS INTENDED VIA GRAVITY FLOW. SEE DETAILS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS. ADJUST INVERTS AS NEEDED TO ENSURE GRAVITY FLOW ACROSS THE STRUCTURE. CONFIRM INVERT ELEVATIONS AND PIPE CONNECTIONS WITH GREASE TRAP MANUFACTURER PRIOR TO FABRICATION AND INSTALLATION.
 - INSPECTIONS:** CONTRACTOR SHALL NOTIFY BEAR CREEK WATER ASSOCIATION TO INSPECT ALL WATER AND SEWER MAINS PRIOR TO PLACEMENT OF BACKFILL.
 - MEP COORDINATION:** THIS PLAN SHOWS WATER & SEWER SERVICES FOR THE SITE UP TO 5' FROM THE BUILDING. REFER TO MECHANICAL, ELECTRICAL, PLUMBING (MEP) PLANS FOR CONTINUATION INTO BUILDING.
 - SEWER CLEANOUTS:** SEE MEP PLANS FOR LOCATION AND ELEVATIONS OF SEWER OUT OF BUILDING. COORDINATE SEWER OUT OF BUILDING WITH CLEANOUTS TO MAIN. INSTALL CLEANOUTS TOPS FLUSH WITH ADJACENT PAVEMENT SURFACE.
 - WATER LINE COVER:** THE WATER LINE SHALL HAVE A MIN. OF 3' GROUND COVER.
 - MINIMUM UTILITY SEPARATION DISTANCES:**
SANITARY SEWER MAINS AND STORM SEWER - 24" VERTICAL
SANITARY SEWER MAINS AND WATER - 10" HORIZONTAL OR 18" VERTICAL
STORM SEWER AND WATER - 18" VERTICAL
- IF MINIMUM VERTICAL SEPARATIONS CAN NOT BE ACHIEVED AT UTILITY & STORM DRAIN CROSSING, USE DIP MATERIALS AND INSTALL CONCRETE CRADLE WITH 6" MIN. CLEARANCE.



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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

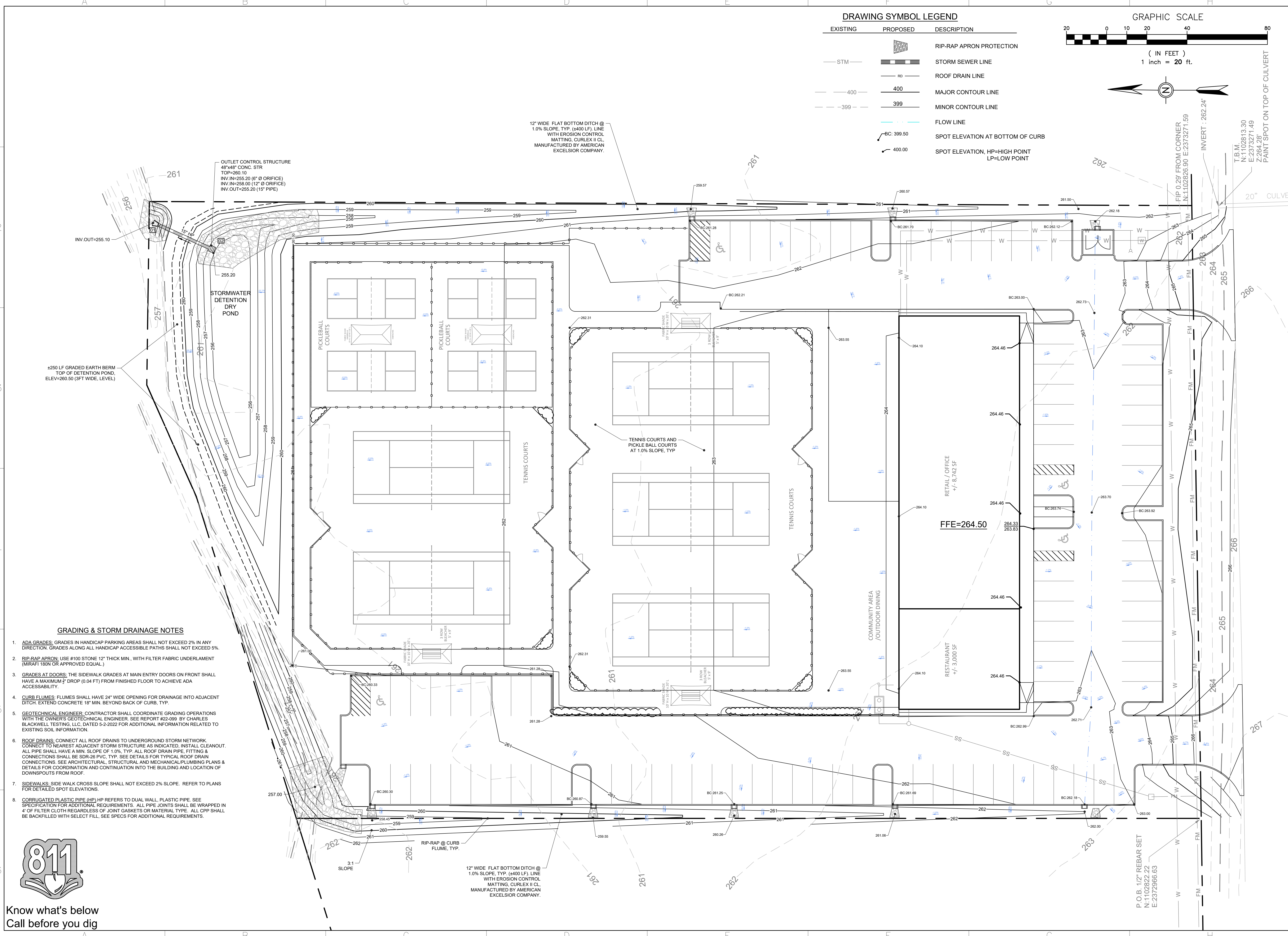
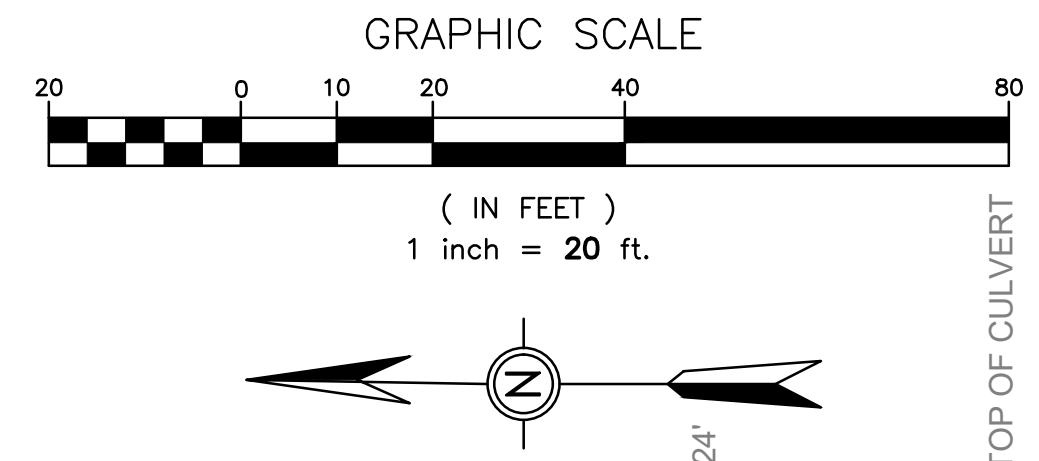
PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
GRADING PLAN
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
5

DRAWING SYMBOL LEGEND

| EXISTING | PROPOSED | DESCRIPTION |
|----------|----------|---|
| — STM — | | RIP-RAP APRON PROTECTION |
| — 400 — | | STORM SEWER LINE |
| — 399 — | | ROOF DRAIN LINE |
| | | MAJOR CONTOUR LINE |
| | | MINOR CONTOUR LINE |
| | | FLOW LINE |
| | | SPOT ELEVATION AT BOTTOM OF CURB |
| | | SPOT ELEVATION, HP=HIGH POINT LP=LOW POINT |



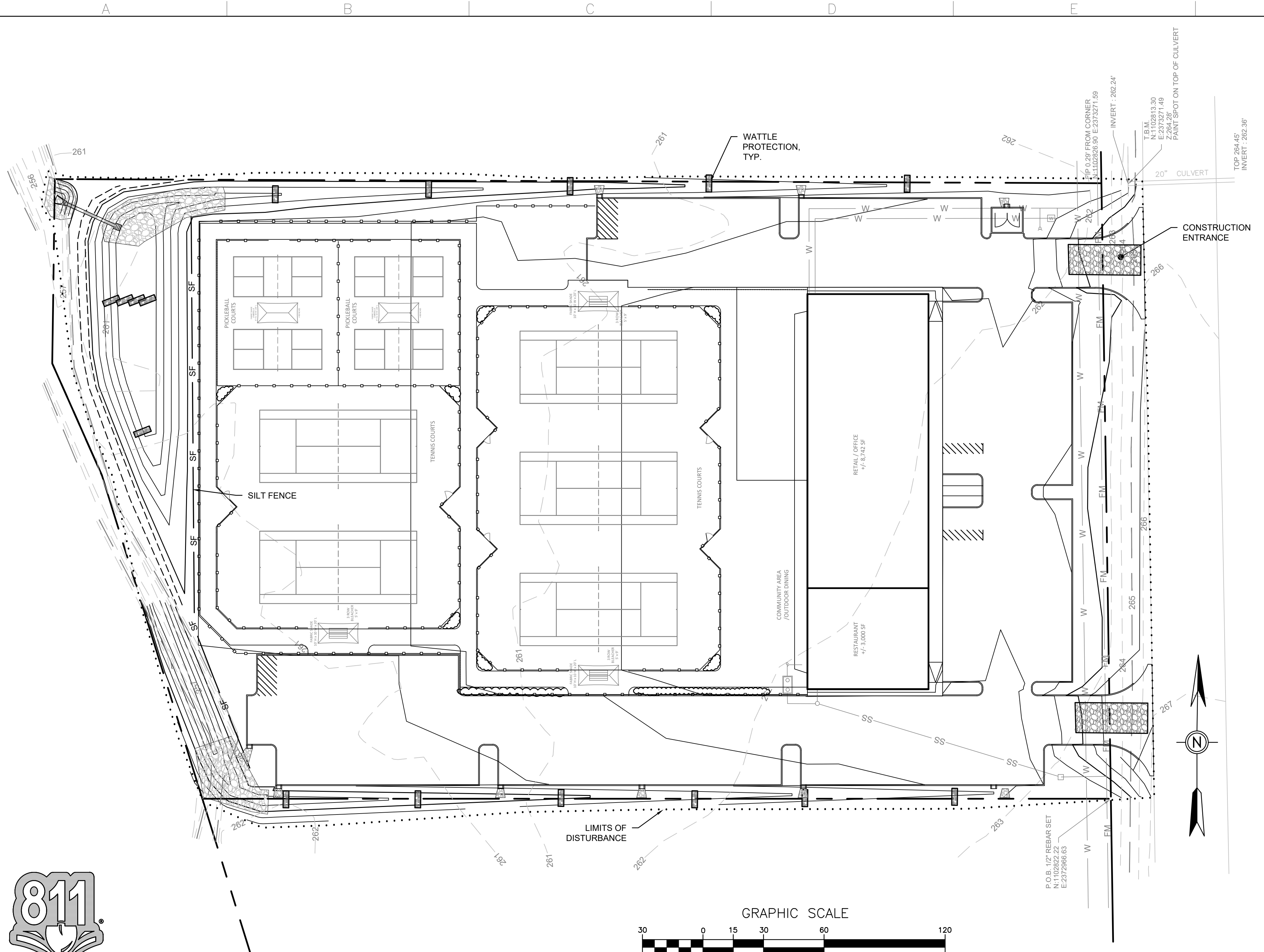
GRADING & STORM DRAINAGE NOTES

- ADA GRADES: GRADES IN HANDICAP PARKING AREAS SHALL NOT EXCEED 2% IN ANY DIRECTION. GRADES ALONG ALL HANDICAP ACCESSIBLE PATHS SHALL NOT EXCEED 5%.
- RIP-RAP APRON: USE #100 STONE 12" THICK MIN., WITH FILTER FABRIC UNDERLAMENT (MIRAFI 160N OR APPROVED EQUAL.)
- GRADES AT DOORS: THE SIDEWALK GRADES AT MAIN ENTRY DOORS ON FRONT SHALL HAVE A MAXIMUM 2" DROP (0.04 FT) FROM FINISHED FLOOR TO ACHIEVE ADA ACCESSIBILITY.
- CURB FLUMES: FLUMES SHALL HAVE 24" WIDE OPENING FOR DRAINAGE INTO ADJACENT DITCH. EXTEND CONCRETE 18" MIN. BEYOND BACK OF CURB, TYP.
- GEOTECHNICAL ENGINEER: CONTRACTOR SHALL COORDINATE GRADING OPERATIONS WITH THE OWNER'S GEOTECHNICAL ENGINEER. SEE REPORT #22-099 BY CHARLES BLACKWELL TESTING, LLC, DATED 5-2-2022 FOR ADDITIONAL INFORMATION RELATED TO EXISTING SOIL INFORMATION.
- ROOF DRAINS: CONNECT ALL ROOF DRAINS TO UNDERGROUND STORM NETWORK. CONNECT TO NEAREST ADJACENT STORM STRUCTURE AS INDICATED. INSTALL CLEANOUT. ALL PIPE SHALL HAVE A MIN. SLOPE OF 1.0%, TYP. ALL ROOF DRAIN PIPE, FITTING & CONNECTIONS SHALL BE SDR-26 PVC, TYP. SEE DETAILS FOR TYPICAL ROOF DRAIN CONNECTIONS. SEE ARCHITECTURAL, STRUCTURAL AND MECHANICAL/PLUMBING PLANS & DETAILS FOR COORDINATION AND CONTINUATION INTO THE BUILDING AND LOCATION OF DOWNSPOUTS FROM ROOF.
- SIDEWALKS: SIDE WALK CROSS SLOPE SHALL NOT EXCEED 2% SLOPE. REFER TO PLANS FOR DETAILED SPOT ELEVATIONS.
- CORRUGATED PLASTIC PIPE (HP) HP REFERS TO DUAL WALL, PLASTIC PIPE. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS. ALL PIPE JOINTS SHALL BE WRAPPED IN 4" OF FILTER CLOTH REGARDLESS OF JOINT GASKETS OR MATERIAL TYPE. ALL CPP SHALL BE BACKFILLED WITH SELECT FILL, SEE SPECS FOR ADDITIONAL REQUIREMENTS.



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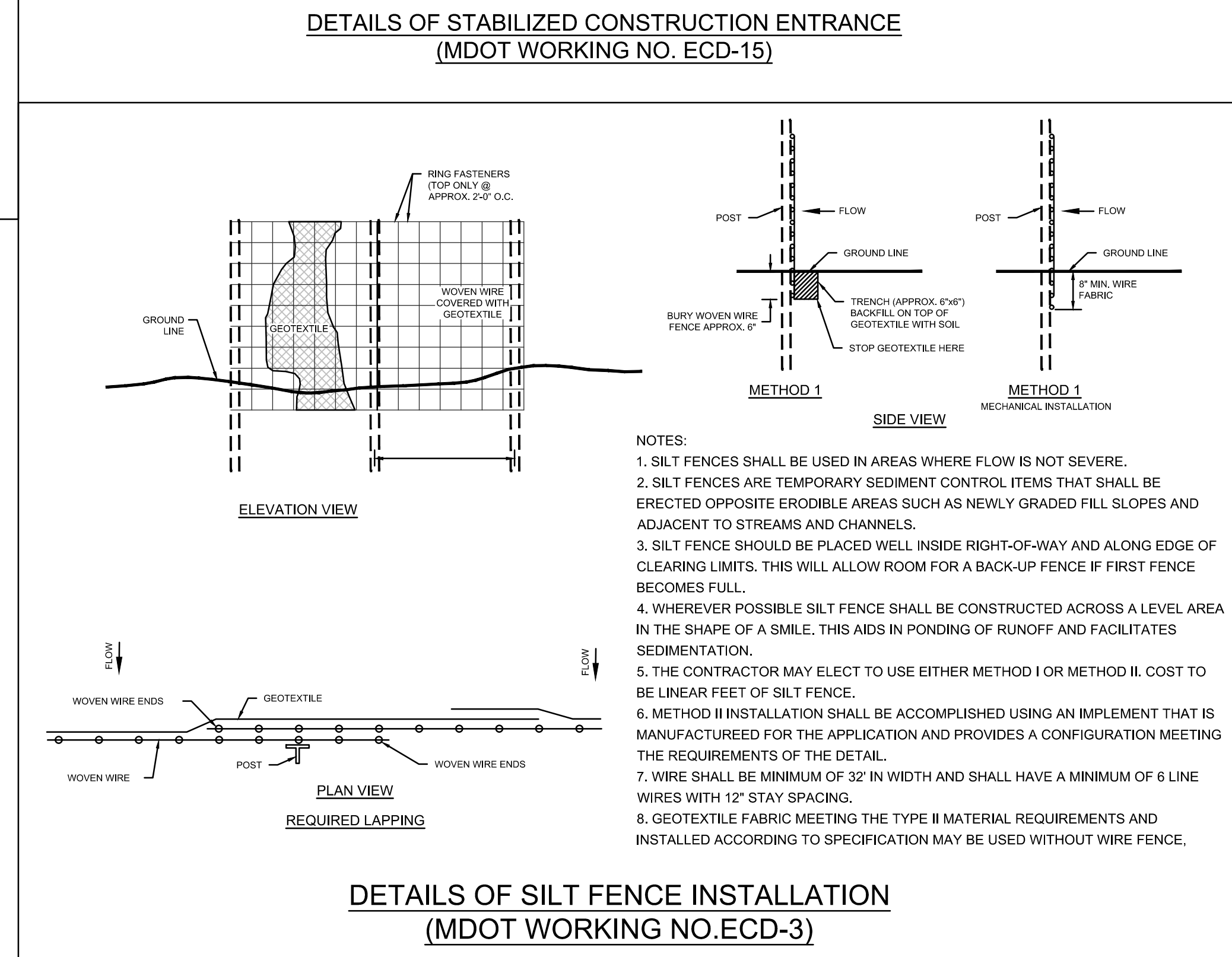
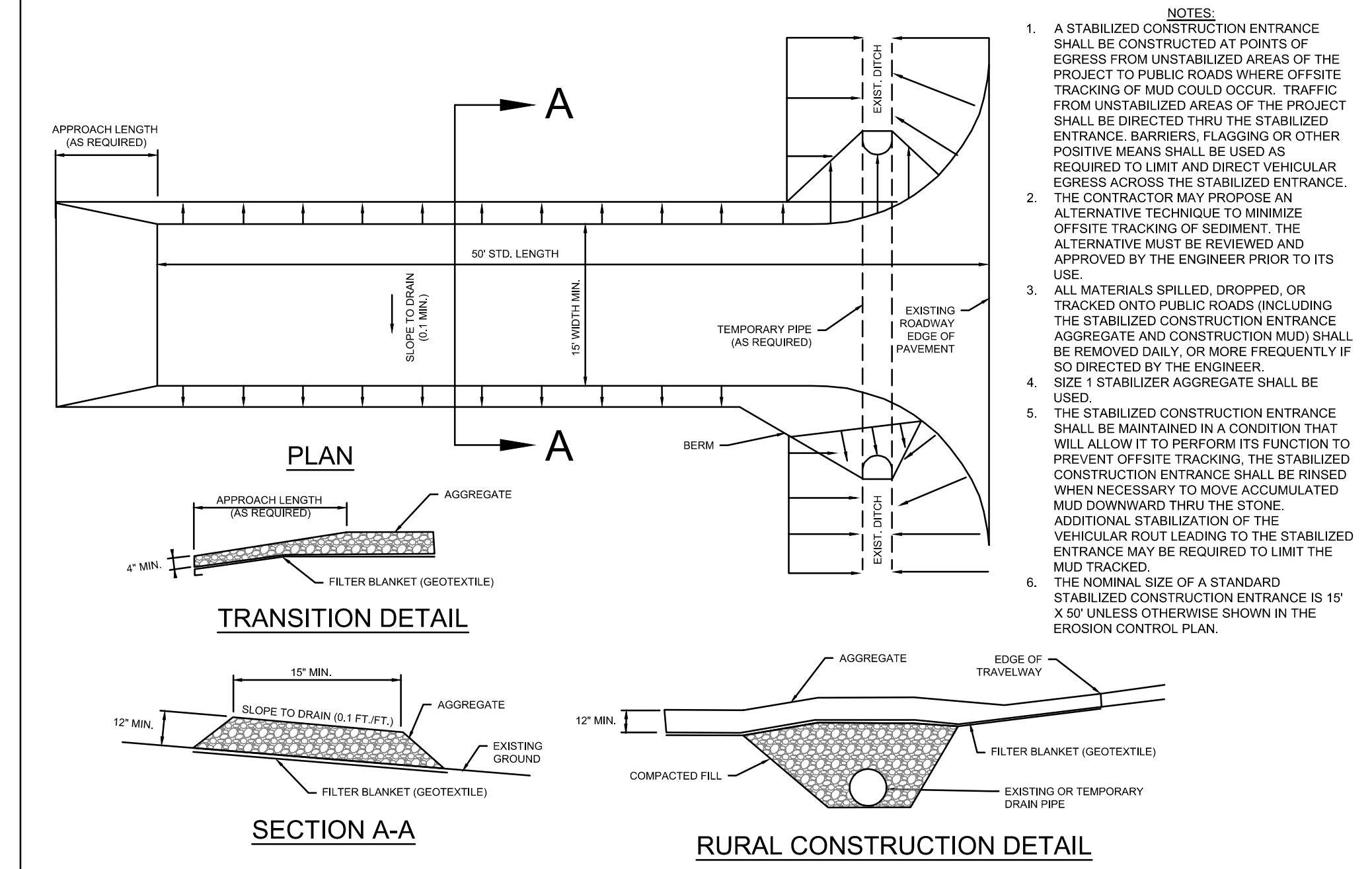
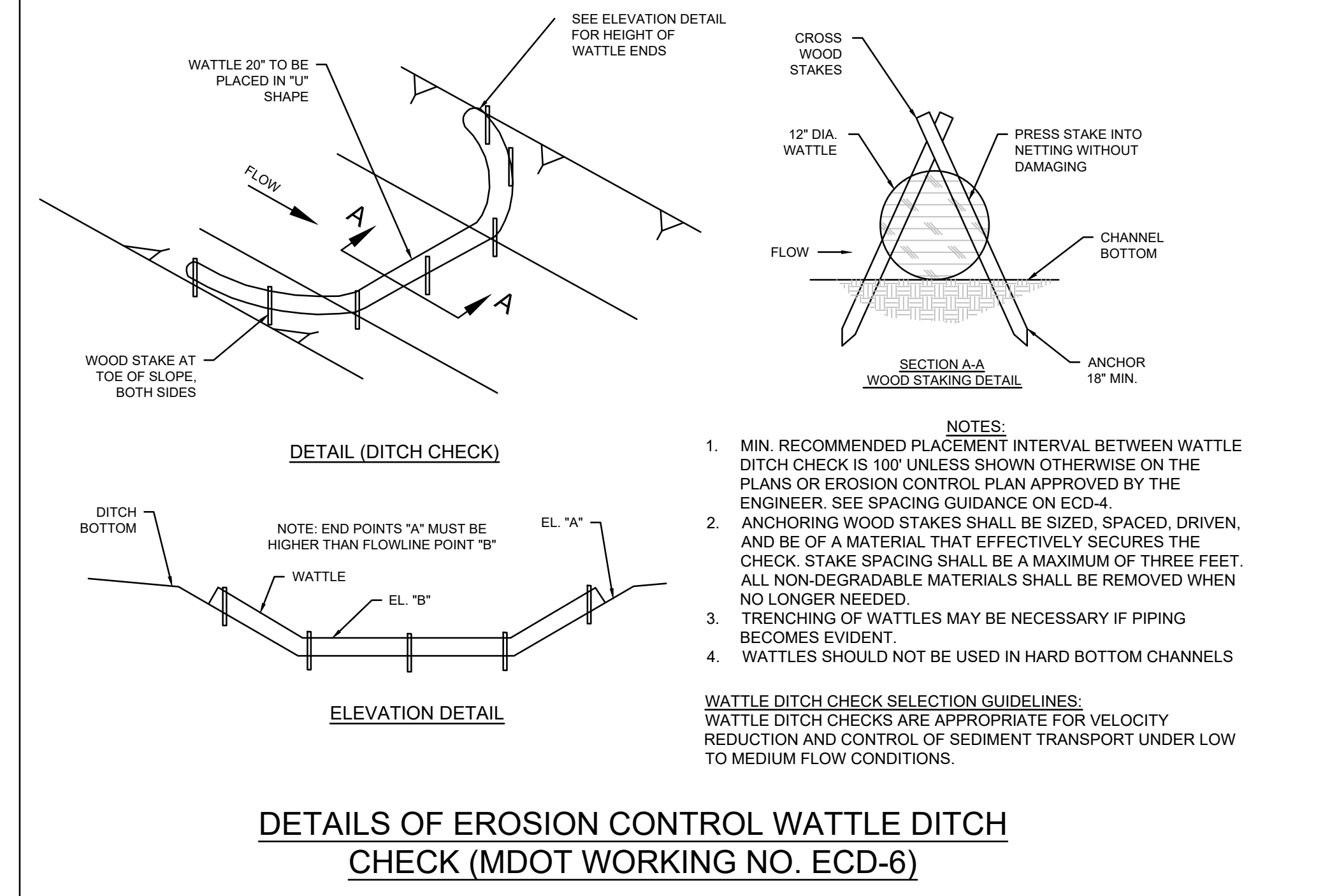
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EROSION CONTROL PLAN NOTES

- TOTAL DISTURBED SITE AREA = 3.70 AC.
- VEGETATIVE CONTROLS:** A COMBINATION OF TEMPORARY AND PERMANENT GRASSING WILL BE USED TO PROTECT SLOPES AS CONSTRUCTION PROGRESSES. REFER TO VEGETATION SPECIFICATIONS FOR DETAILS. SHOULD A DISTURBED AREA BE LEFT UNDISTURBED FOR 14 DAYS OR MORE, TEMPORARY OR PERMANENT VEGETATION SHALL BE PLACED IMMEDIATELY.
- STRUCTURAL CONTROLS:** INSTALL CONSTRUCTION ENTRANCES, DIVERSION DITCHES, WATTLE CHECK DAMS, SILT FENCE AND ALL OTHER STRUCTURAL BMPs AS SHOWN BELOW. PERMANENT EROSION CONTROL BMPs AND STRUCTURAL BMPs SHOULD BE PLACED AS SOON AS POSSIBLE TO ENSURE FINAL STABILIZATION OF THE SITE.
- WATTLE CHECK DAMS:** SILT FENCE AND HAY BALES ARE NOT ACCEPTABLE FORMS OF CHECK DAMS WITHIN TEMPORARY DIVERSION DITCHES, SWALES OR OTHER AREAS OF CONCENTRATED FLOW. CONTRACTOR SHALL USE SAND BAGS OR STONE DAMS TO CHECK FLOW. WATTLES MAY ALSO BE USED WHERE LOWER FLOWS/SMALLER DRAINAGE AREAS OCCUR.
- HOUSEKEEPING & MAINTENANCE PRACTICES:** ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. NON-FUNCTIONING EROSION CONTROLS SHALL BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL CONTROLS WITHIN 24 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW. WALK THROUGH INSPECTIONS ARE RECOMMENDED BEFORE ANTICIPATED STORM EVENTS TO VERIFY THE INTEGRITY OF EROSION CONTROL MEASURES AND TO DETERMINE IF ADDITIONAL MEASURES ARE NEEDED. SEDIMENT BASINS WILL BE CLEANED OUT WHEN THE LEVEL OF SEDIMENT REACHES 2.0 FEET BELOW THE TOP OF THE RISER, AND/OR WHEN THE CAPACITY HAS BEEN REDUCED BY 50%. SILT FENCE SHALL BE CLEANED OUT WHEN SEDIMENT REACHES 1/3 TO 1/2 OF THE HEIGHT OF THE FENCE. MAINTENANCE AND REPAIR OF EQUIPMENT SHALL BE PERFORMED OFF-SITE. MATERIAL WASH OUT SHALL OCCUR EITHER OFF-SITE OR WITHIN DESIGNATED WASH OUT AREAS.
- POST-CONSTRUCTION CONTROL MEASURES:** AS CONSTRUCTION IS COMPLETED, PERMANENT VEGETATIVE GROWTH SHALL BE ESTABLISHED ON DISTURBED SOILS TO IMPROVE SOIL STABILITY AND PROVIDE A BUFFER ZONE FOR LOOSE MATERIAL. LINED DITCHES SHALL BE INSTALLED AS SPECIFIED IN THE EROSION CONTROL SEQUENCE TO REDUCE EROSION IN CONCENTRATED FLOW AREAS AND RIP-RAP WILL BE PLACED AS SPECIFIED TO DISSIPATE FLOW ENERGY AND REDUCE FLOW VELOCITY. TEMPORARY BMPs MUST BE REMOVED FROM THE SITE WHEN THEY ARE NO LONGER NEEDED.

DRAWING SYMBOL LEGEND

| PROPOSED | DESCRIPTION |
|----------|-----------------------------------|
| | SILT FENCE PROTECTION |
| | LIMITS OF DISTURBANCE |
| | WATTLE CHECK DAM/INLET PROTECTION |



Section 10, Item D)

DEAN
ENGINEERING SOLUTIONS, INC.
4780 I-55 NORTH, SUITE 100-4
JACKSON, MS 39211
601-557-2002 WWW.DEANESI.COM

REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
20057

10-05-2023

DRAWING ISSUED

OWNER: DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS
SHEET TITLE: EROSION CONTROL PLAN (SWPPP)
SITE DEVELOPMENT

| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

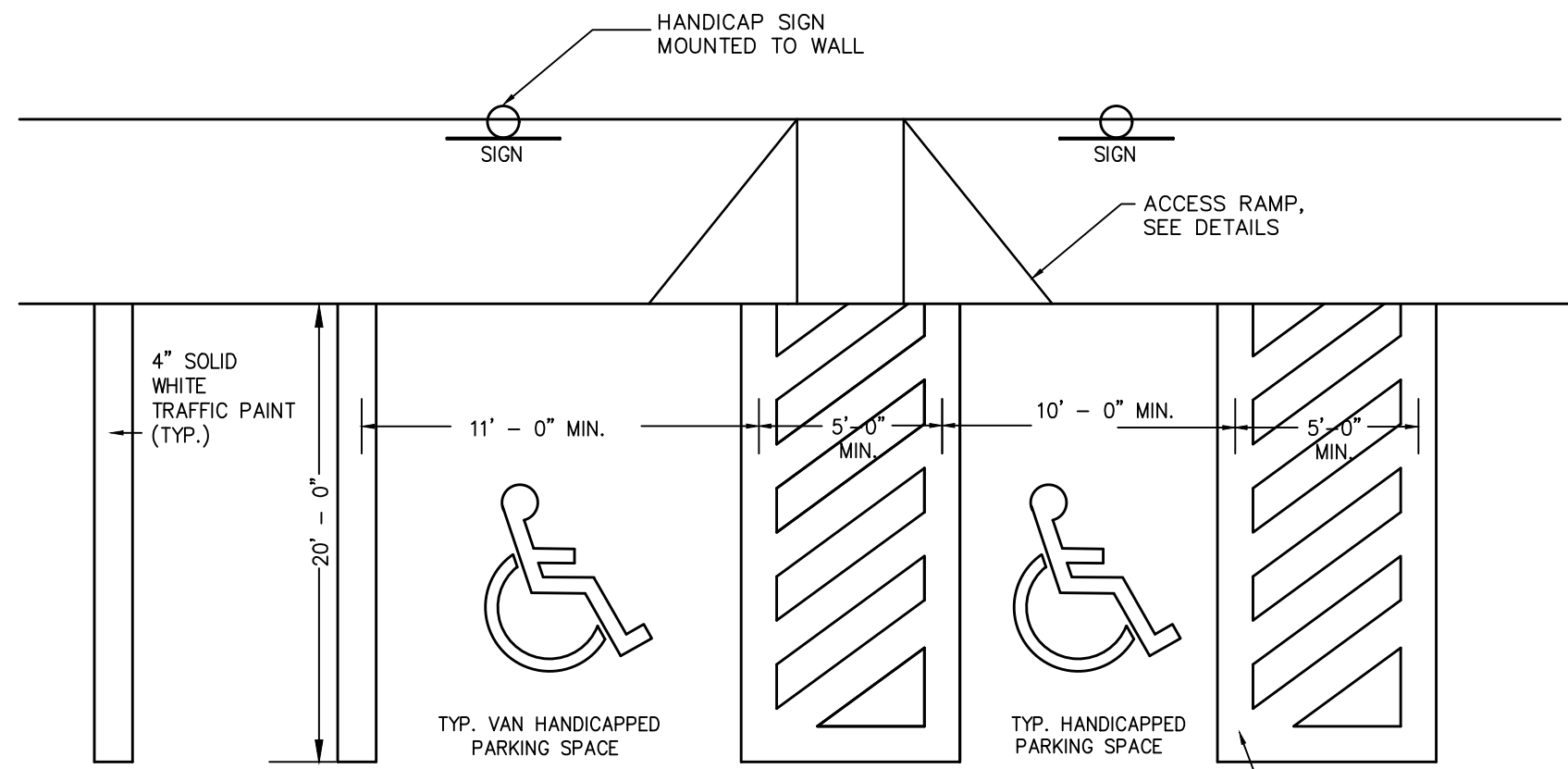
OWNER: DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS
SHEET TITLE: EROSION CONTROL PLAN (SWPPP)
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

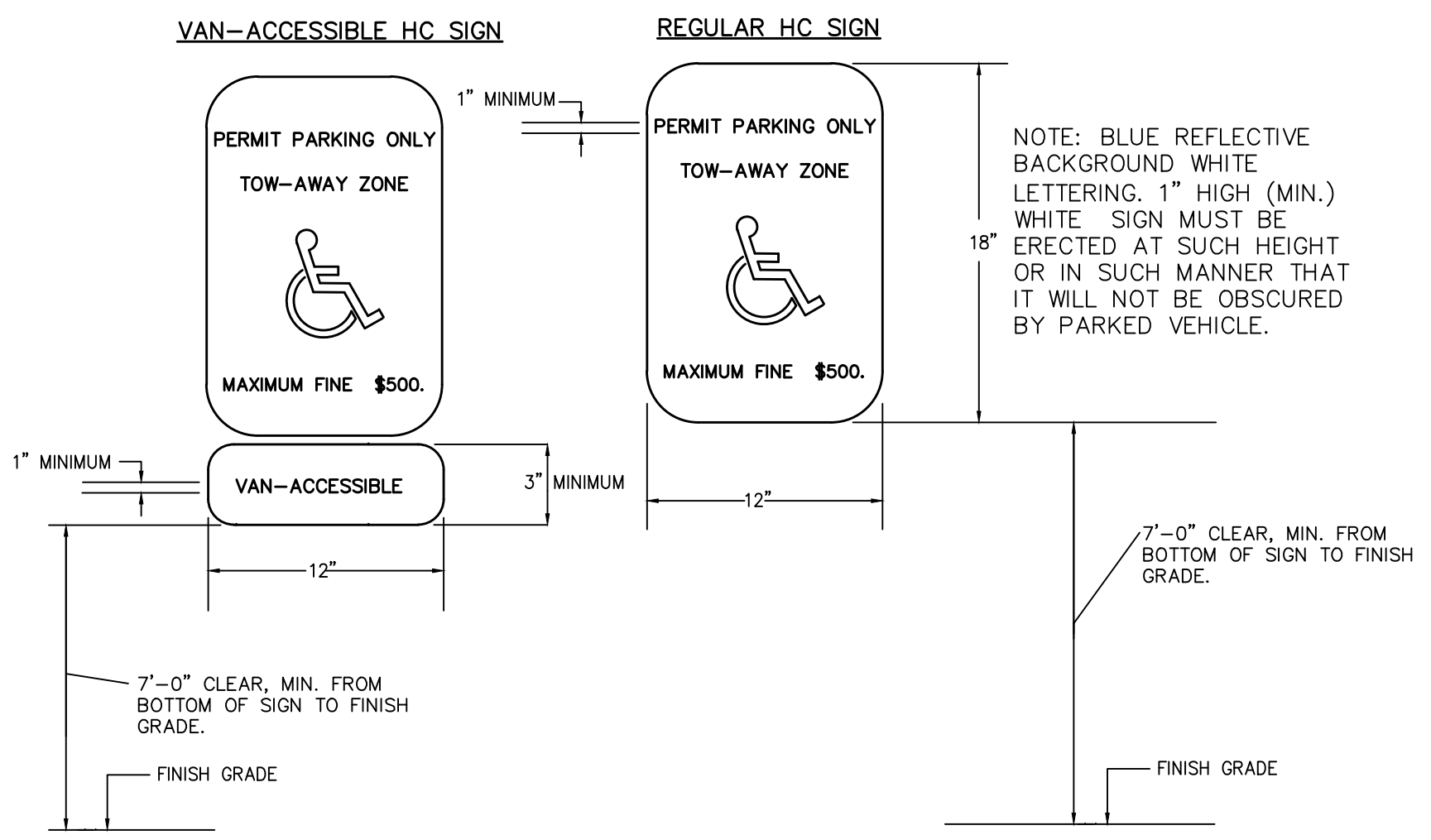
SHEET NUMBER:
6

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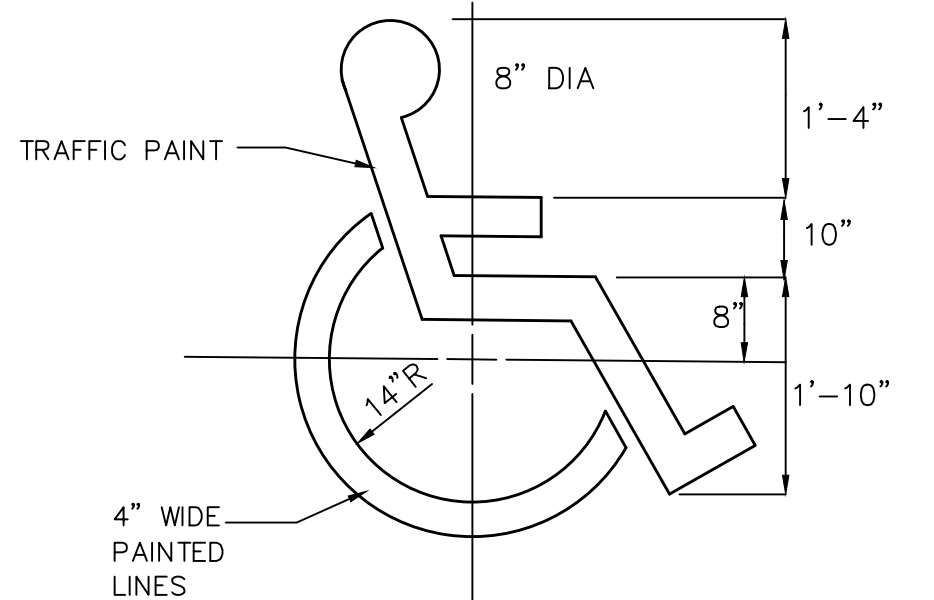


NOTES:
 1. VEHICLE PARKING AREA SLOPE: MAX SLOPE IN ADA PARKING STALL SHALL NOT EXCEED 1:20.
 2. SEE SITE PLAN FOR ACTUAL DIMENSIONS.

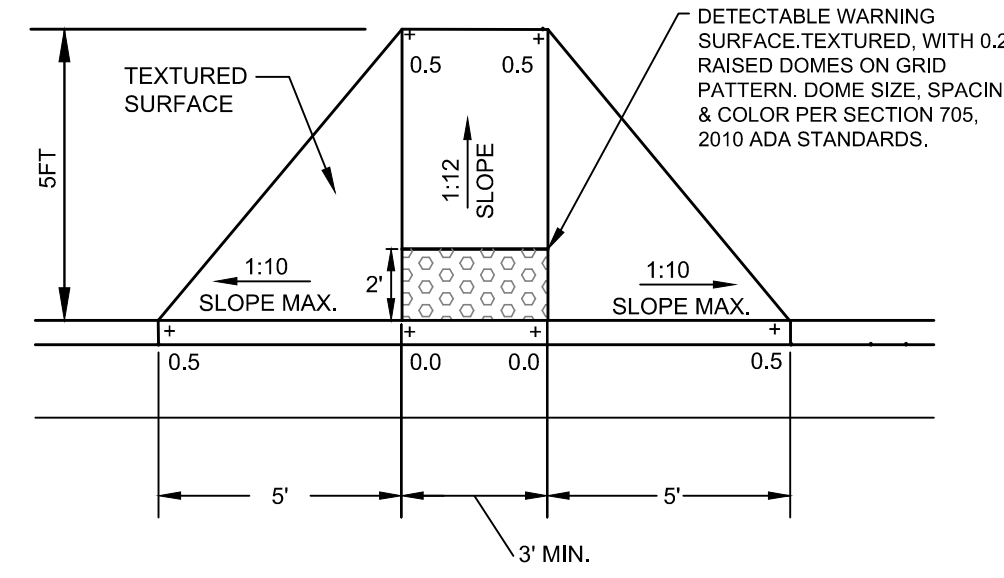
HANDICAPPED PAVEMENT STRIPING
N.T.S.



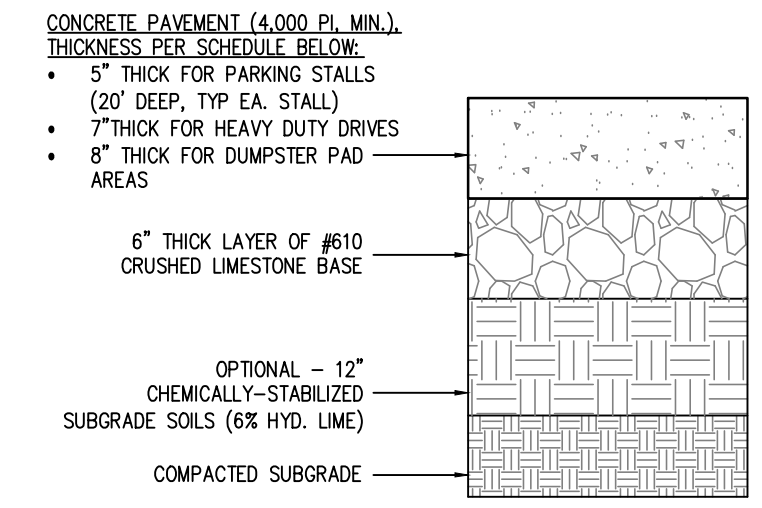
HANDICAP SIGN DETAILS
N.T.S.



PAINTED HANDICAPPED SYMBOL
N.T.S.

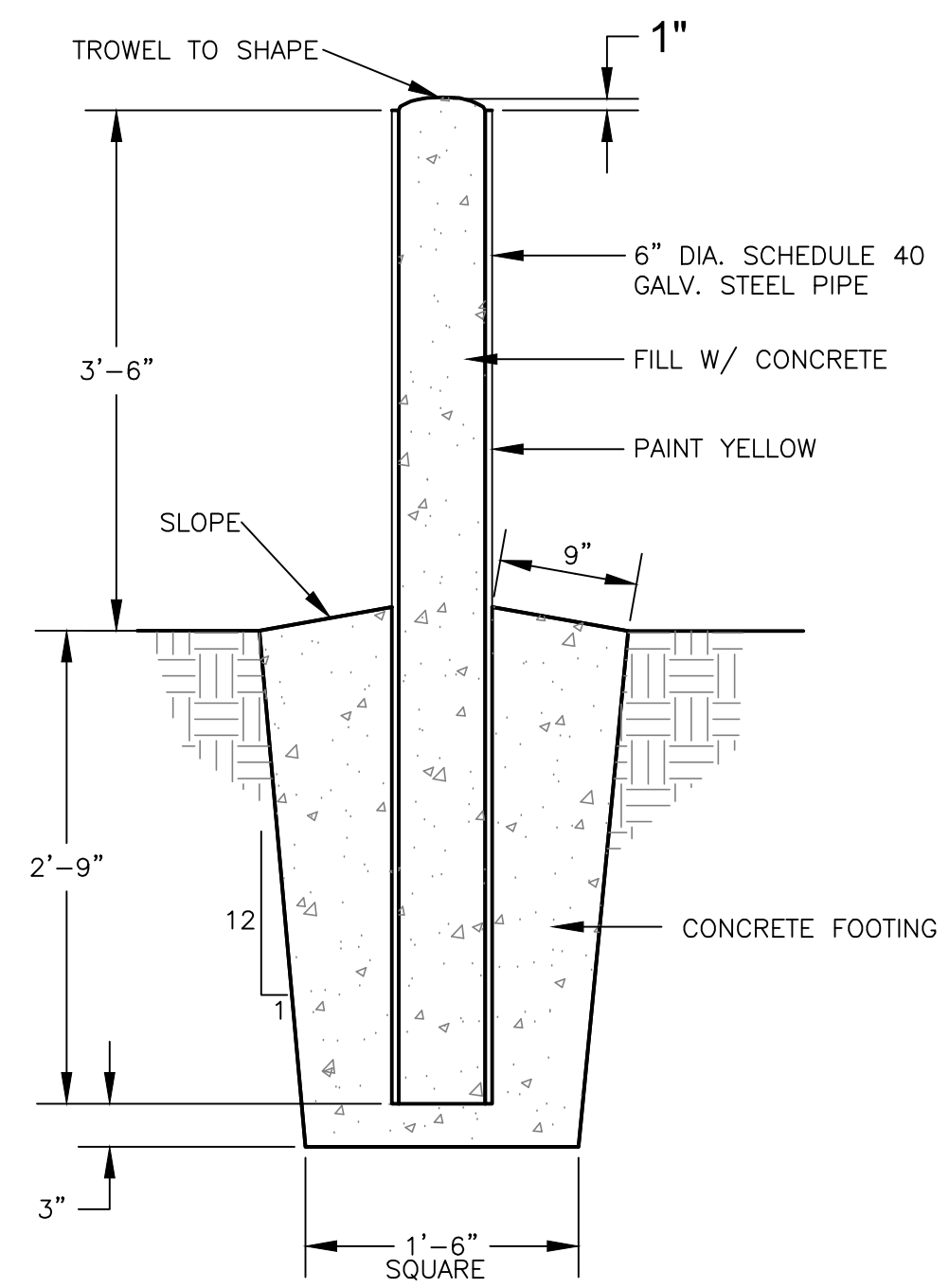


ADA RAMP DETAILS
N.T.S.

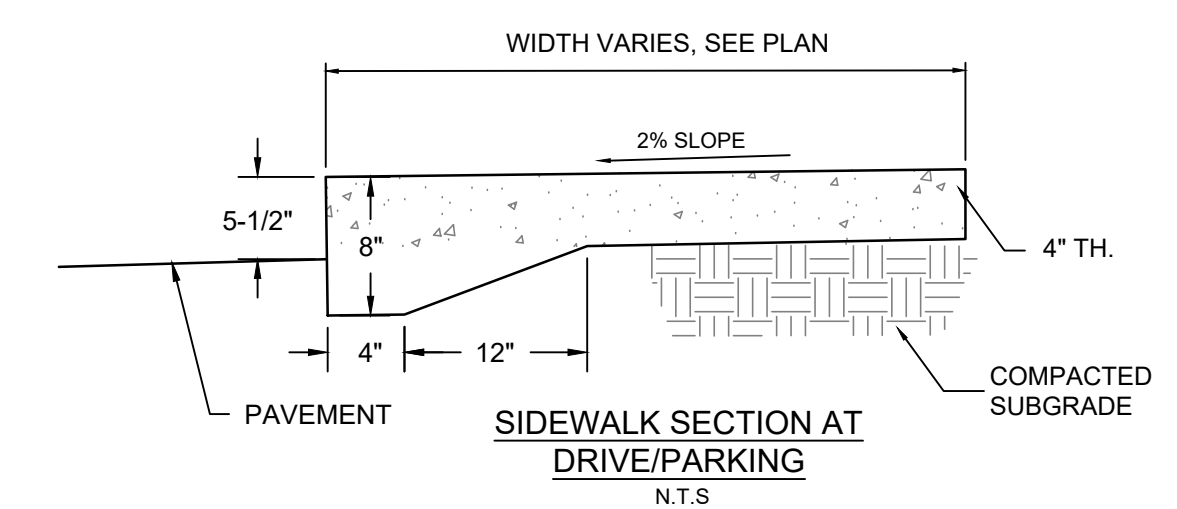


CONCRETE PAVEMENT
N.T.S.

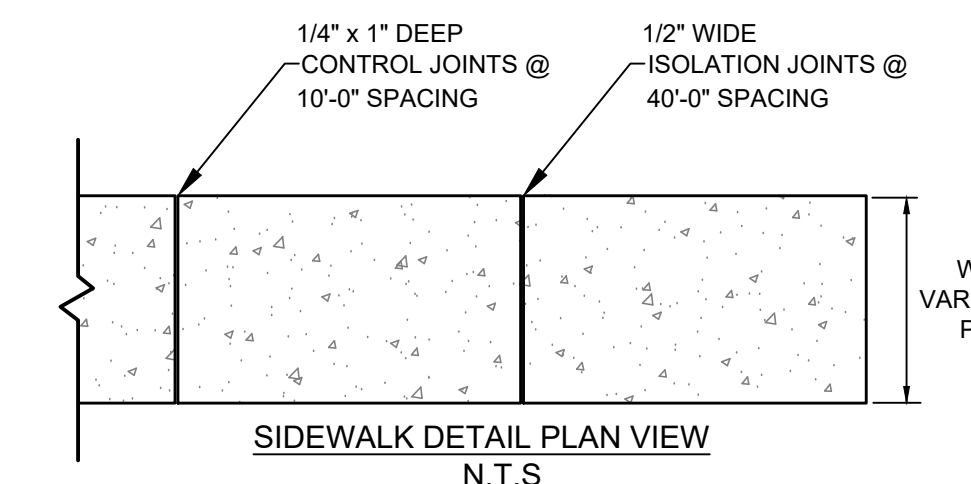
NOTE: OPTIONAL LAYER OF 12" LIME CAN BE USED TO HELP STABILIZE SUBGRADE SOILS EXHIBITING EXCESSIVE MOISTURE. LIME TREATED SUBGRADE SHALL EXTEND 12" BEYOND CONCRETE CURB AND GUTTER



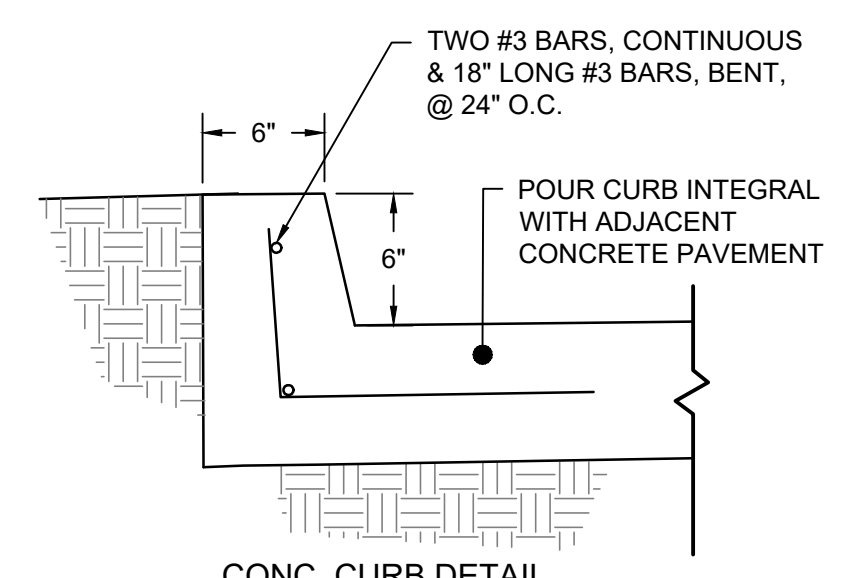
BOLLARD DETAIL
N.T.S.



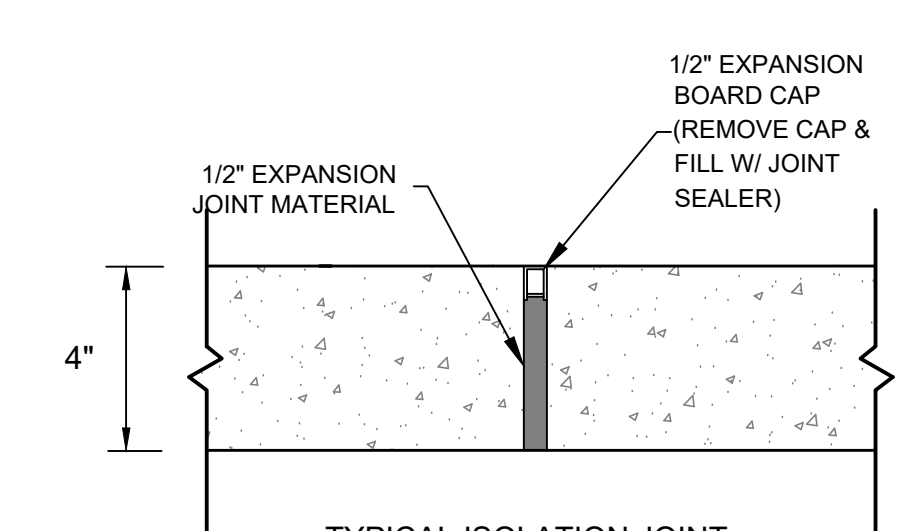
SIDEWALK SECTION AT DRIVE/PARKING
N.T.S.



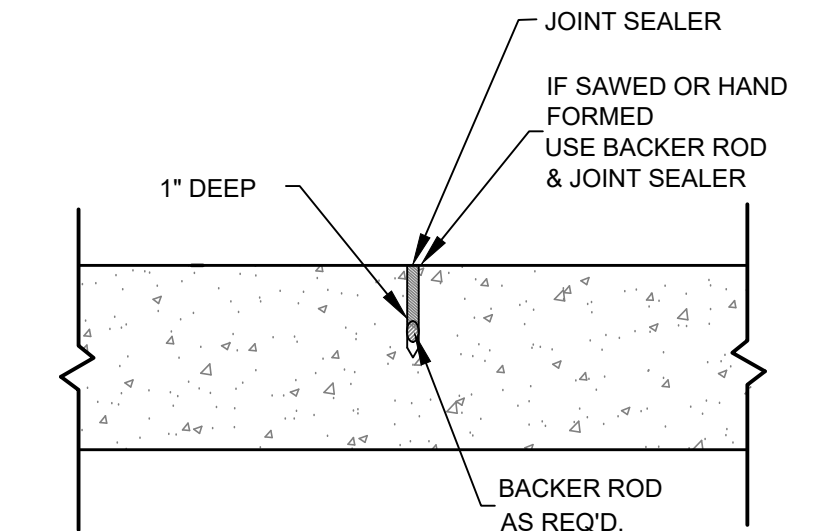
SIDEWALK DETAIL PLAN VIEW
N.T.S.



CONC. CURB DETAIL
N.T.S.



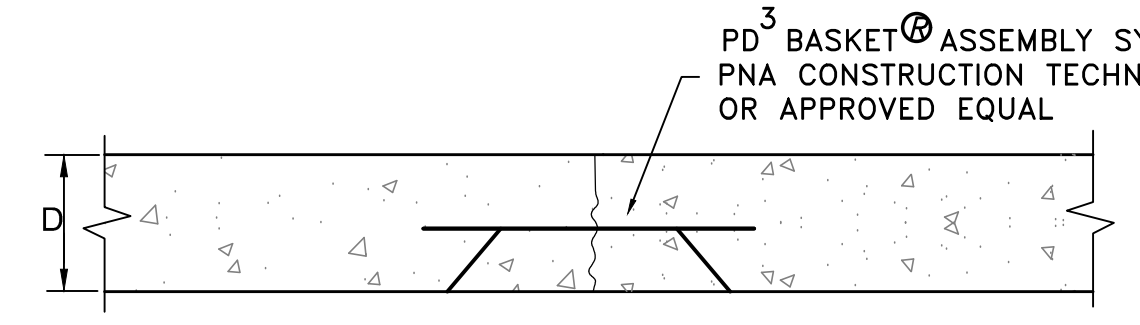
TYPICAL ISOLATION JOINT
N.T.S.



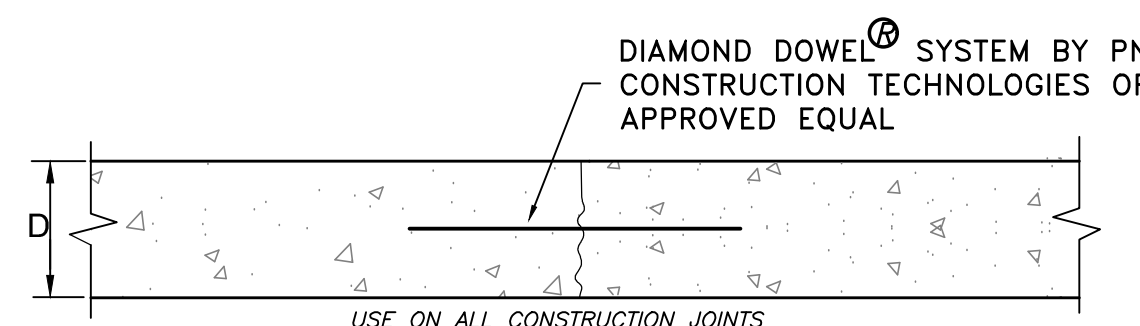
TYPICAL CONTROL JOINT
N.T.S.

NOTES:
 1. SIDEWALKS SHALL SLOPE AWAY FROM BLDG.
 2. USE 3,500 PSI STRENGTH CONCRETE MIN.

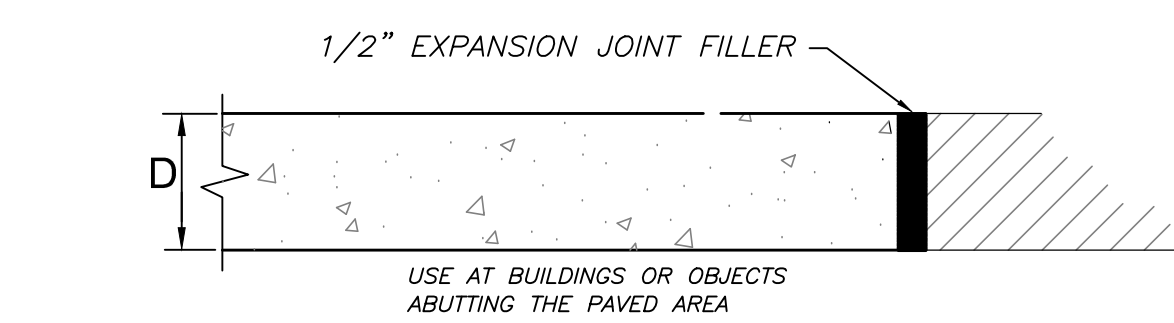
TYPICAL SIDEWALK & CURB DETAILS
N.T.S.



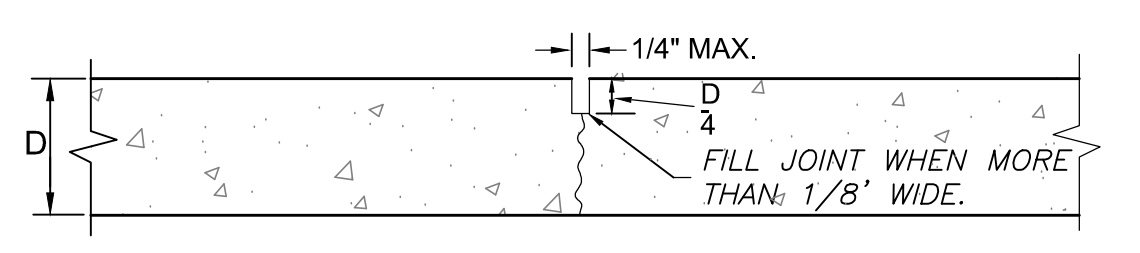
JOINT REINFORCEMENT @ SAW-CUT CONTRACTION JOINTS



JOINT REINFORCEMENT @ CONSTRUCTION JOINTS



ISOLATION JOINT



SAWED JOINT

NOTE: ALL JOINTS SHALL BE SEALED

CONCRETE PAVING JOINT DETAILS
N.T.S.

DEAN
 ENGINEERING SOLUTIONS, INC.
 4780 I-55 NORTH, SUITE 100-4
 JACKSON, MS 39211
 601-557-2002 WWW.DEANESI.COM

Professional Engineer Seal for W. Seth Dean, State of Mississippi, License No. 29557, dated 10-05-2023.

| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-03-2023 |

OWNER: **DANNY BOLANOS**
 115 HONOURS LANE,
 MADISON MS 39110

PROJECT TITLE: **MAGNOLIA COMMONS**
 SHEET TITLE: **SITE DETAILS**
 SITE DEVELOPMENT

JOB NO.: 220502
 DATE: 17 MAY 2022
 SCALE: AS SHOWN
 DRAWN BY: WSD
 REVIEWED BY: WSD

SHEET NUMBER:
7

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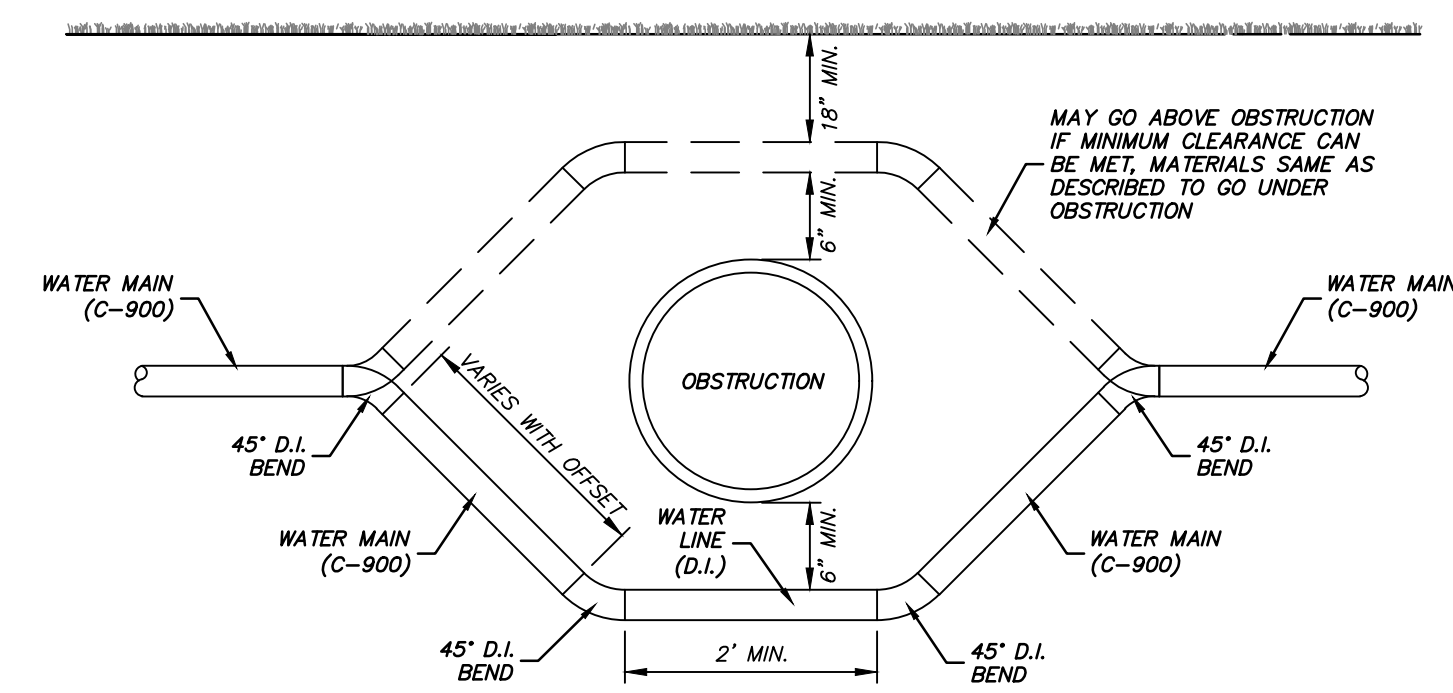
Table with columns: No., Description, Date, and rows for drawing issued and city review.

OWNER: DANNY BOLANOS 115 HONOURS LANE, MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS SHEET TITLE: UTILITY DETAILS SITE DEVELOPMENT

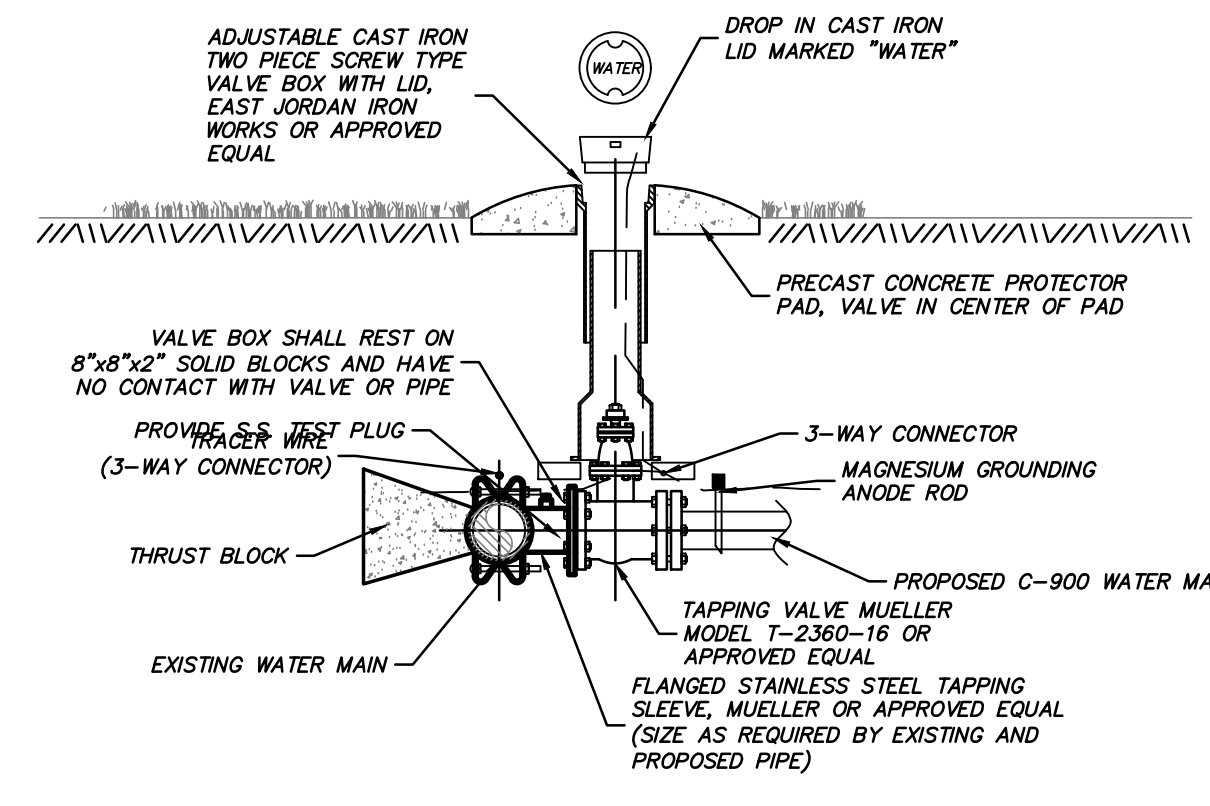
JOB NO.: 220502 DATE: 17 MAY 2022 SCALE: AS SHOWN DRAWN BY: WSD REVIEWED BY: WSD

SHEET NUMBER: 8

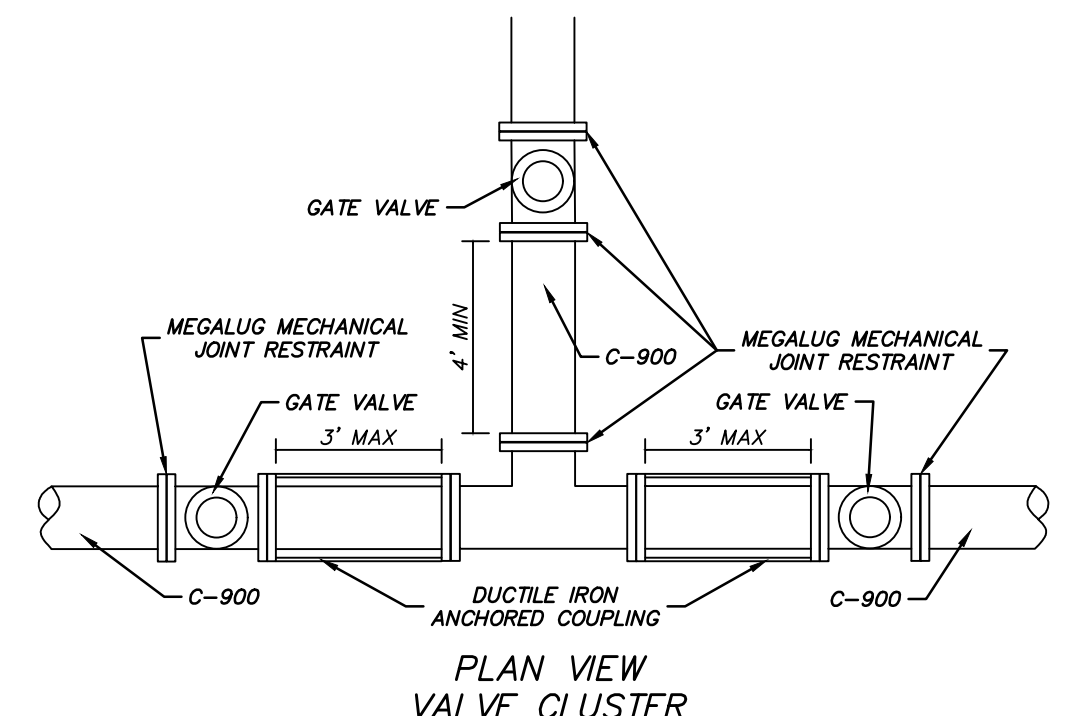


- WATER LINE OBSTRUCTION NOTES: 1. CONTRACTOR TO FOLLOW CLEARANCE REQUIREMENTS... 2. WATER LINE TO PASS OVER OBSTRUCTION... 3. CONTRACTOR TO FOLLOW REQUIREMENTS... 4. SAME SPECIFICATIONS APPLY... 5. WORK & MATERIALS REQUIRED... 6. CONTRACTOR SHALL PROVIDE JOINT RESTRAINTS...

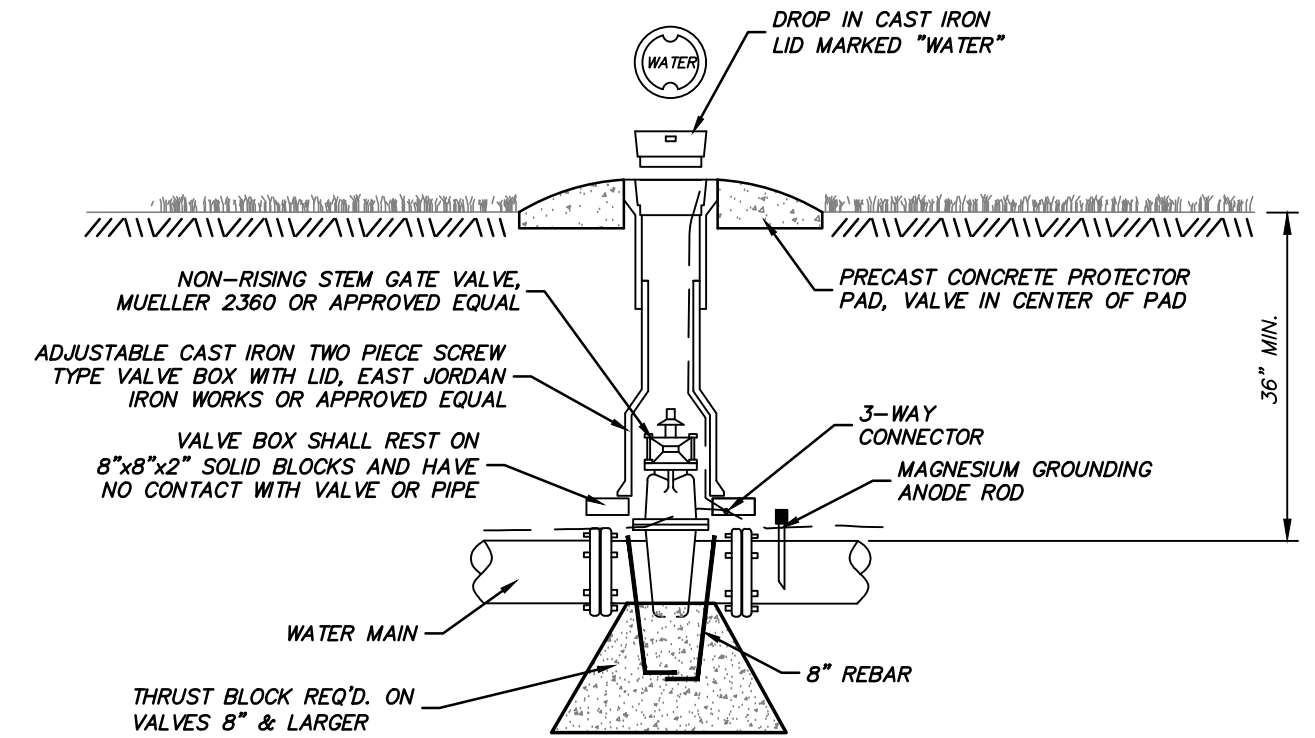
TYPICAL WATER LINE OBSTRUCTION



CONNECTION TO EXISTING WATER MAIN

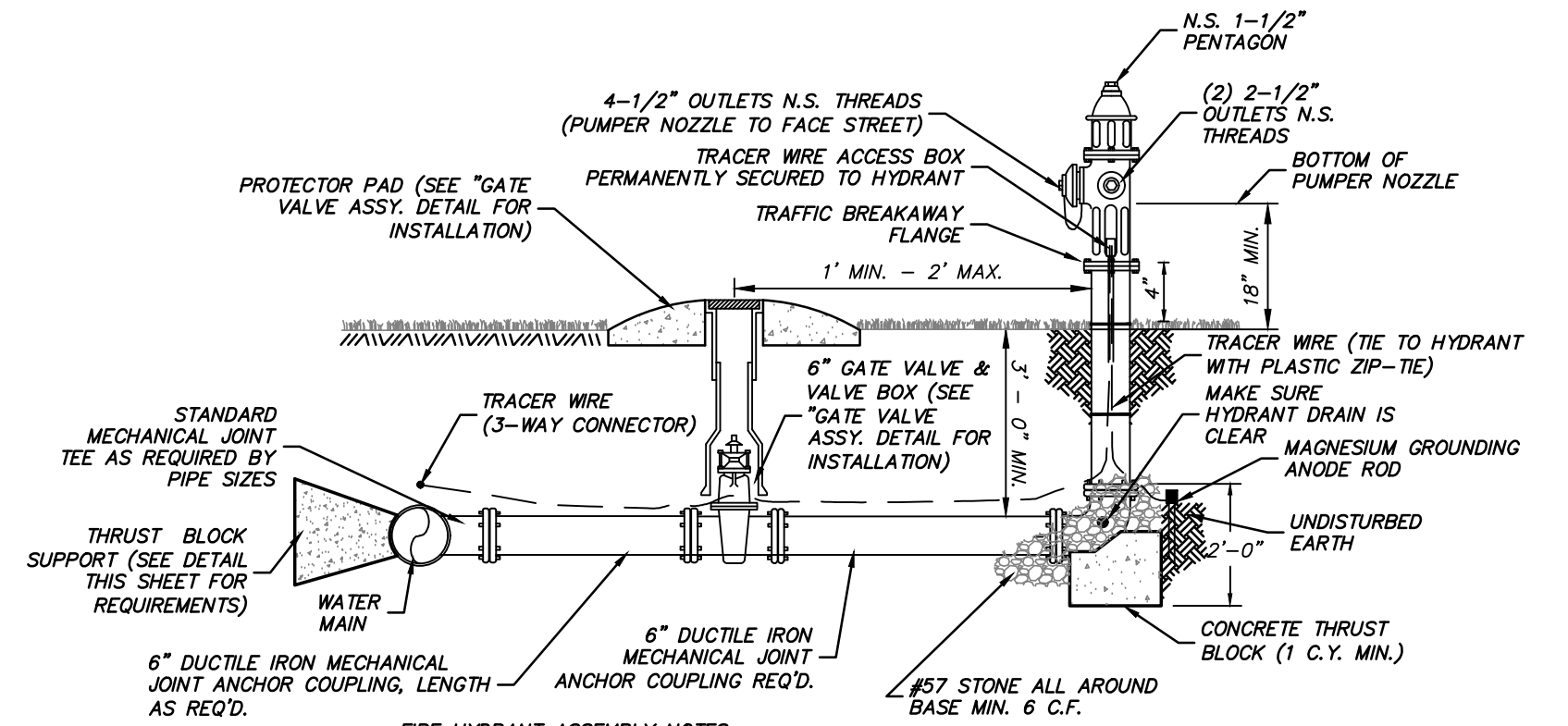


PLAN VIEW VALVE CLUSTER



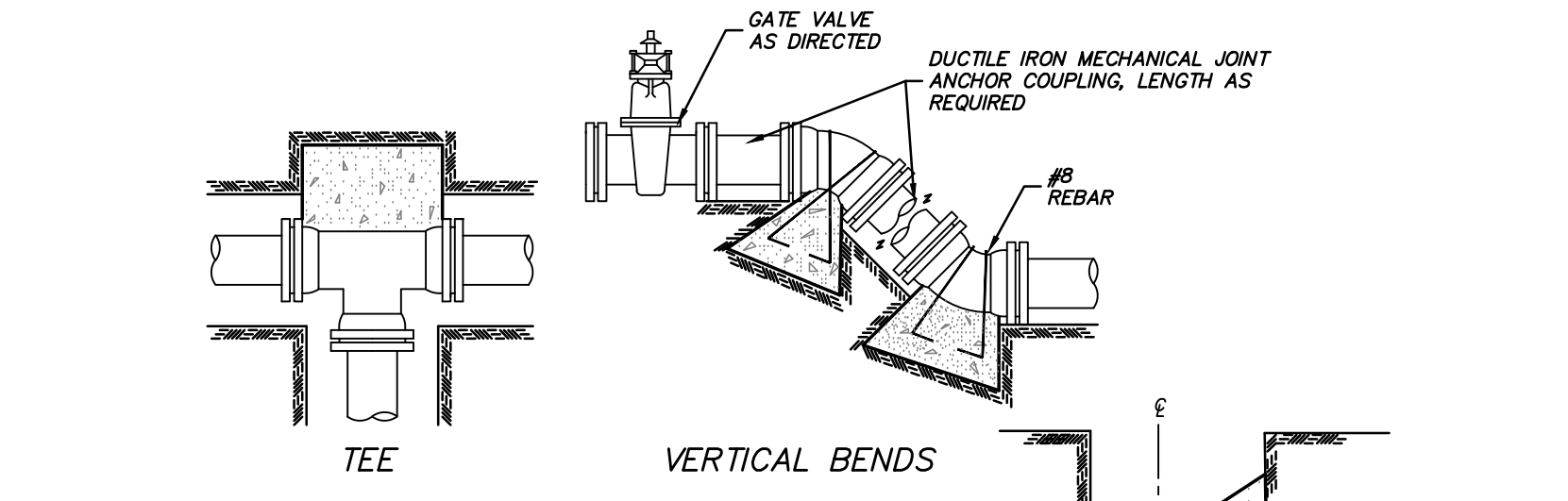
- GATE VALVE ASSEMBLY NOTES: 1. GATE VALVE SHALL MATCH SIZE OF LINE... 2. VALVE BOX SHALL BE SET PLUMB... 3. BLOCKS FOR VALVE BOX... 4. ALL TRACER WIRE CONNECTORS... 5. ALL BOLTS SHALL BE POLY WRAPPED... 6. CONCRETE PROTECTOR PADS... 7. ALL ITEMS SHOWN ON THIS DETAIL...

GATE VALVE ASSEMBLY



- FIRE HYDRANT ASSEMBLY NOTES: 1. ALL FIRE HYDRANT ASSEMBLIES TO INCLUDE GATE VALVES... 2. CONTRACTOR TO USE MEGA-LUGS... 3. FIRE HYDRANT TO MATCH EXISTING... 4. SEE GATE VALVE ASSEMBLY DETAIL... 5. ALL TRACER WIRE CONNECTORS... 6. ALL ITEMS SHOWN ON THIS DETAIL... 7. MEGA LUG RESTRAINTS...

FIRE HYDRANT ASSEMBLY



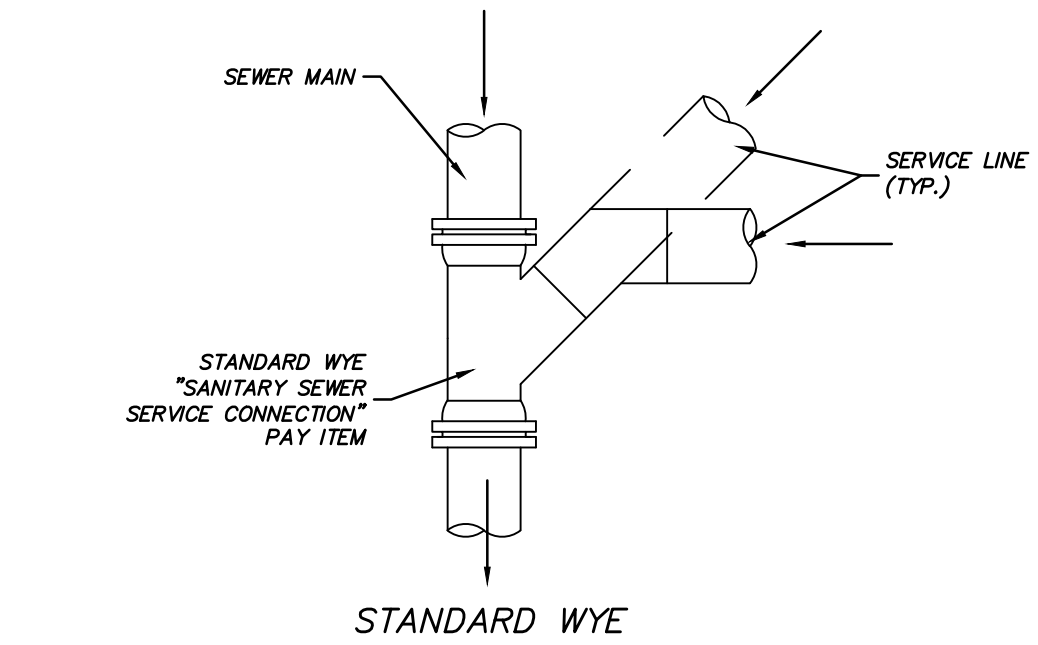
TEE VERTICAL BENDS

Table showing bearing area in sq. ft. for different pipe diameters and bend types.

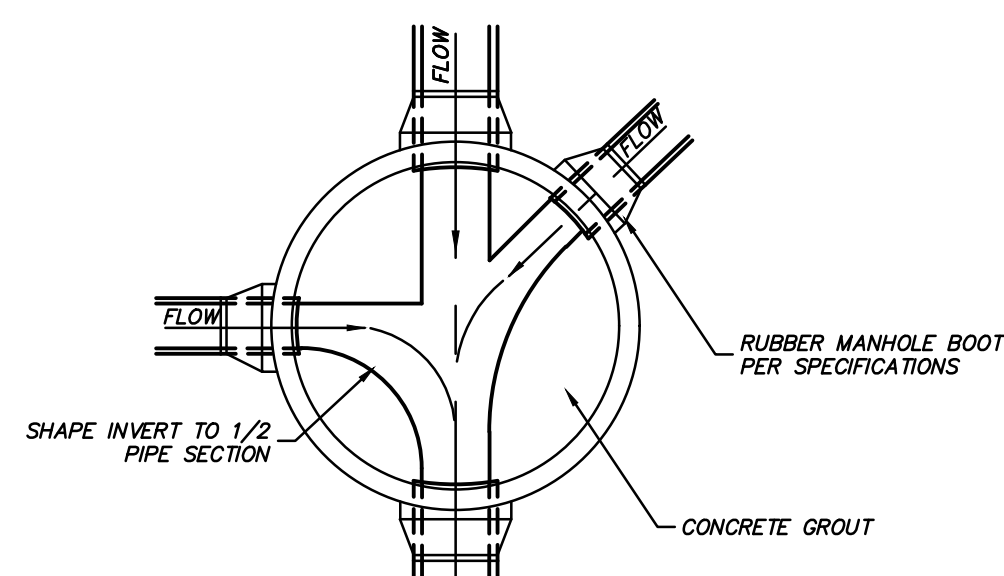
Table showing vertical bends for different pipe diameters.

- THRUST BLOCK NOTES: 1. ON BENDS AND TEES, EXTEND THRUST BLOCKS... 2. PLACE BOARD IN FRONT OF ALL PLUGS... 3. POUR THRUST BLOCKS AGAINST UNDISTURBED SOIL... 4. IN BACK FILLING, ANY MUCK ENCOUNTERED... 5. WRAP ALL FITTINGS WITH 8-MIL POLYETHYLENE... 6. BACK FILL MATERIAL SHALL NOT INCLUDE ROCK... 7. ALL CONCRETE SHALL BE MINIMUM 2500 PSI... 8. THRUST BLOCKS SHALL BE AN ABSORBED COST... 9. MEGA LUG RESTRAINTS OR APPROVED EQUAL... 10. CONTRACTOR SHALL PROVIDE JOINT RESTRAINTS...

TYPICAL THRUST BLOCK

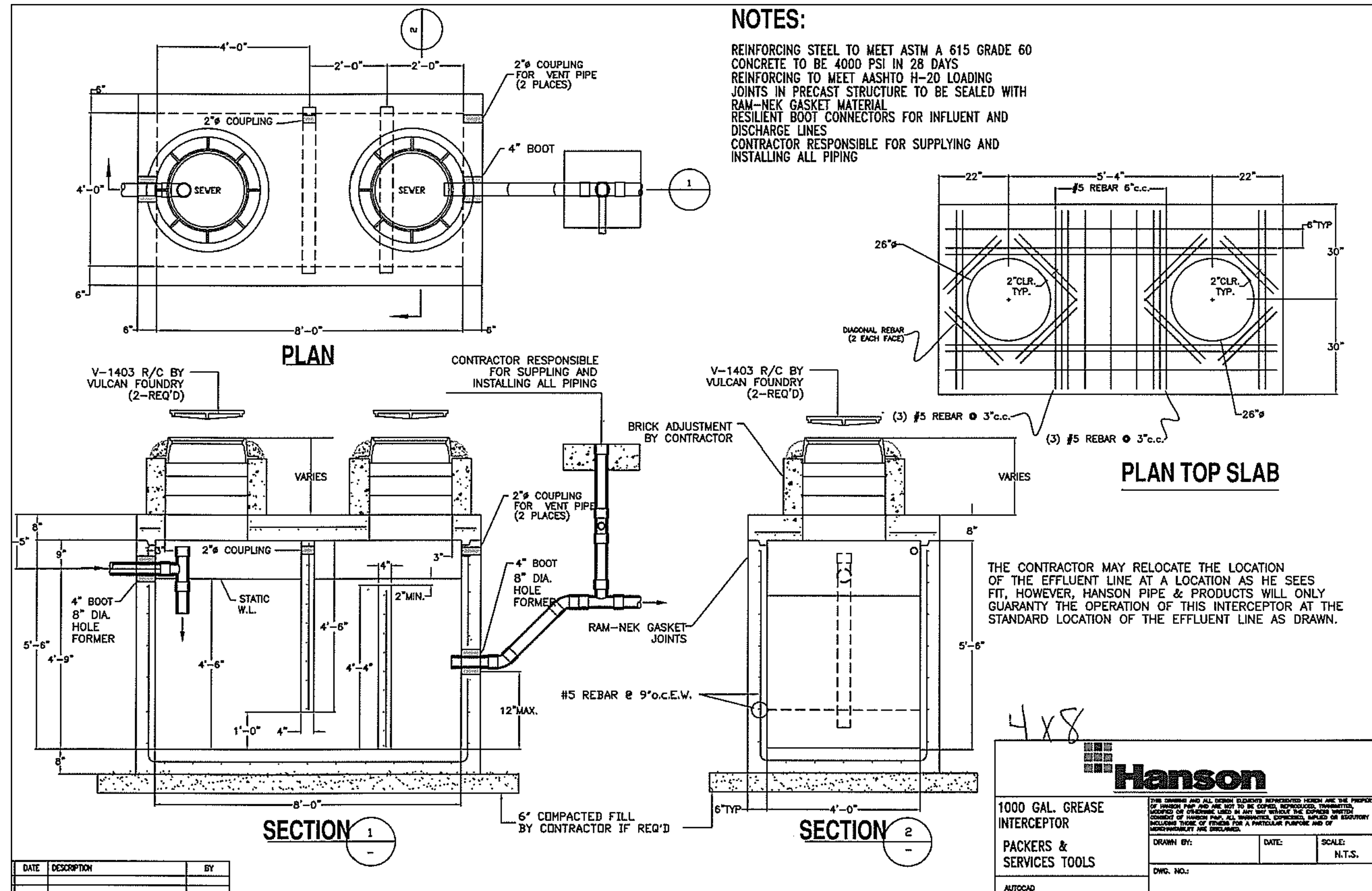


STANDARD WYE



- NOTE: IF MANHOLE HAS ONLY ONE INFLUENT PIPE WHICH IS APPROXIMATELY 90 DEGREES TO EFFLUENT PIPE, THEN CONTRACTOR SHALL MAINTAIN A CHANNEL OF SAME WIDTH AS INFLUENT PIPE.

FLOW CHANNEL & PIPE CONNECTION



GREASE TRAP

Hanson logo and contact information for a 1000 GAL GREASE INTERCEPTOR.

Vertical text on the left margin: C:\Users\demco\OneDrive - deaner.com\1 - Project\DESI\Drawings\Bolanos.dwg, 10/5/2023 9:48:50 AM, dwg to pdf, acch full bleed, 0.000 inches, 11

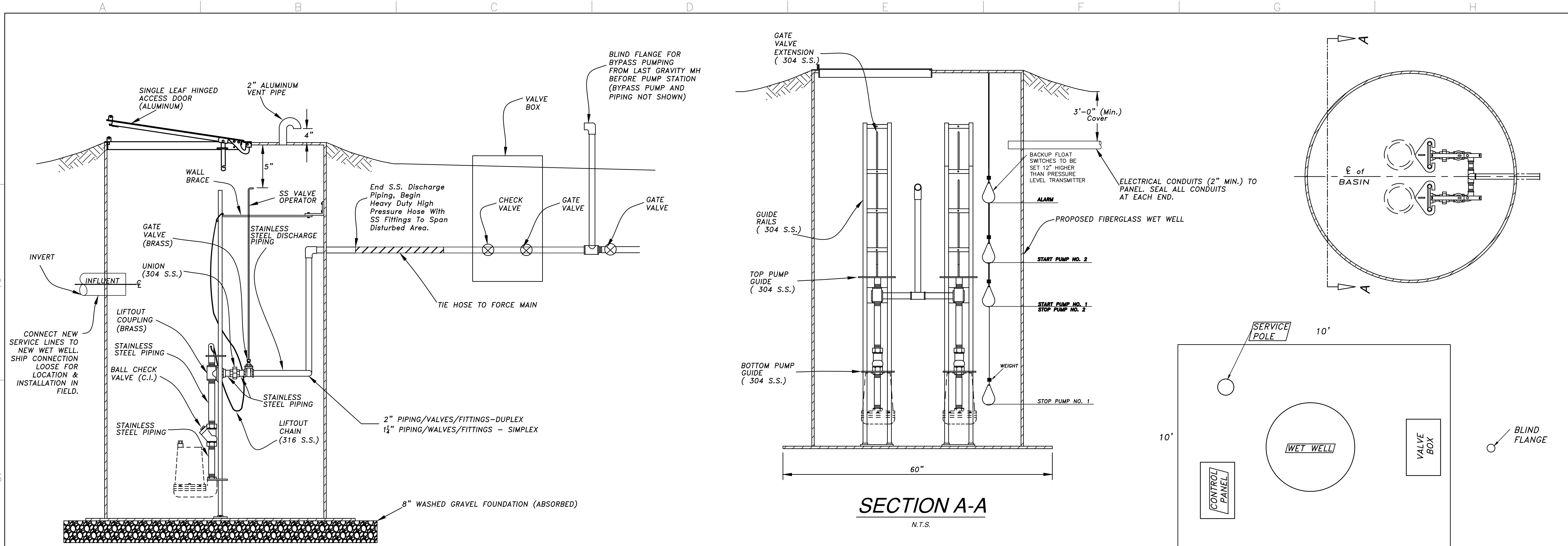
| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
PUMP STATION DETAILS
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

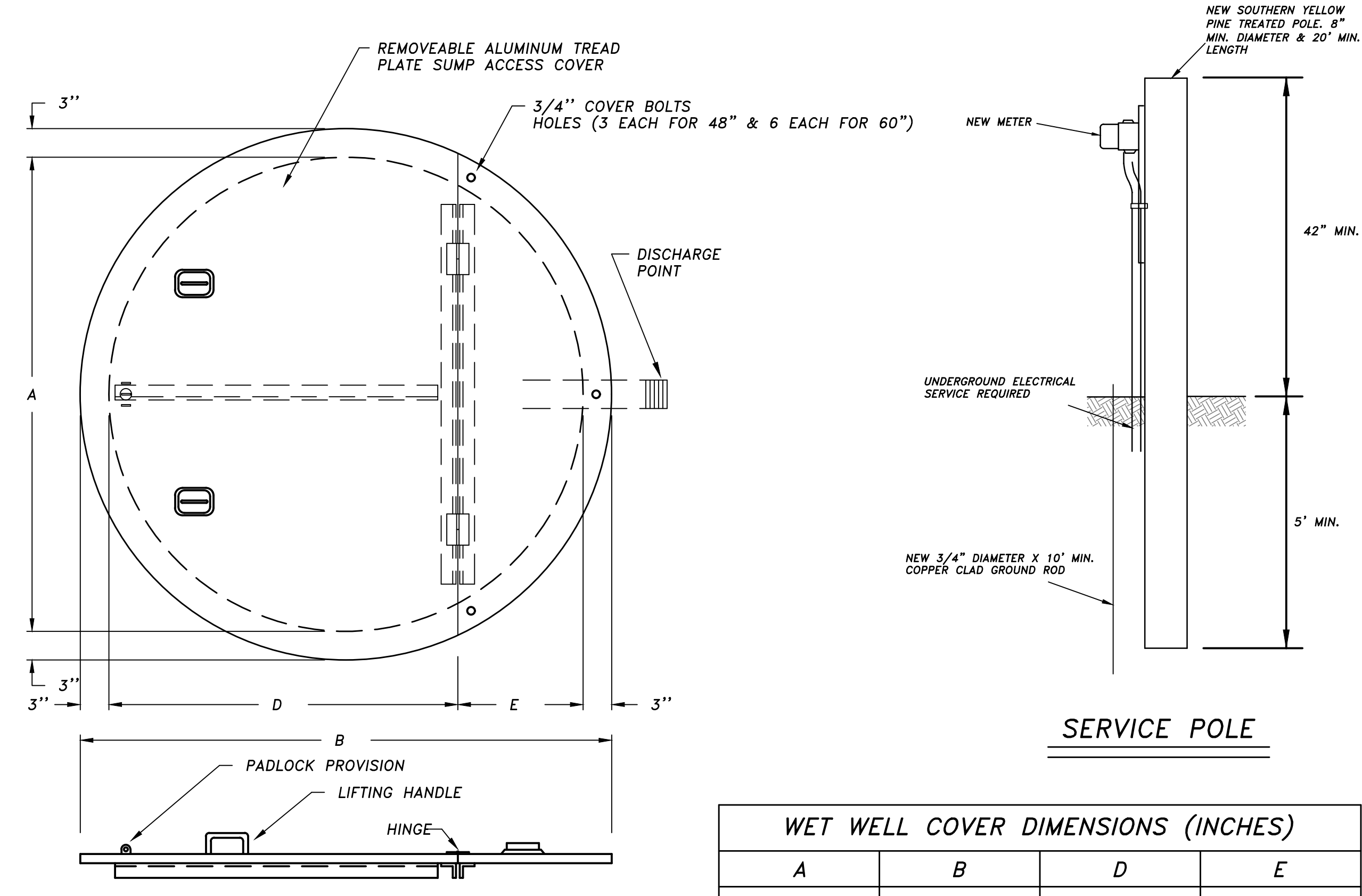
SHEET NUMBER:
9



ELEVATION ~ PUMP STATION WET WELL
N.T.S.

- NOTES:
1. IMMEDIATELY FOLLOWING WETWELL INSTALLATION, CONTRACTOR SHALL COMPLETELY PLACE AND COMPACT BACKFILL, INSTALL TOP COVER, FILL WITH WATER, AND ANY OTHER PRECAUTIONS NECESSARY TO PROTECT WETWELL FROM UPLIFT FORCES.
 2. CONTROL PANEL, PIPING, ETC. SHALL BE FIELD LOCATED TO BEST FIT SITE AS DIRECTED BY ENGINEER AND OWNER.
 3. SITE TO BE DRESSED AND GRADED TO UNIFORM SLOPES TO DIVERT SURFACE DRAINAGE AWAY FROM WETWELL AND VALVE BOX.
 4. THE ELEVATIONS SHOWN IN THE DESIGN TABLE ARE THE MINIMUM DESIGN REQUIREMENTS. IF MANUFACTURER OF THE PROPOSED PUMP REQUIRE A GREATER DEPTH, THE WETWELL BOTTOM SHALL BE LOWERED AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
 5. INLET & OUTLET PIPE CONNECTIONS TO BE SHIPPED LOOSE (FOR LOCATION & INSTALLATION IN FIELD).

PUMP STATION PLAN VIEW
N.T.S.

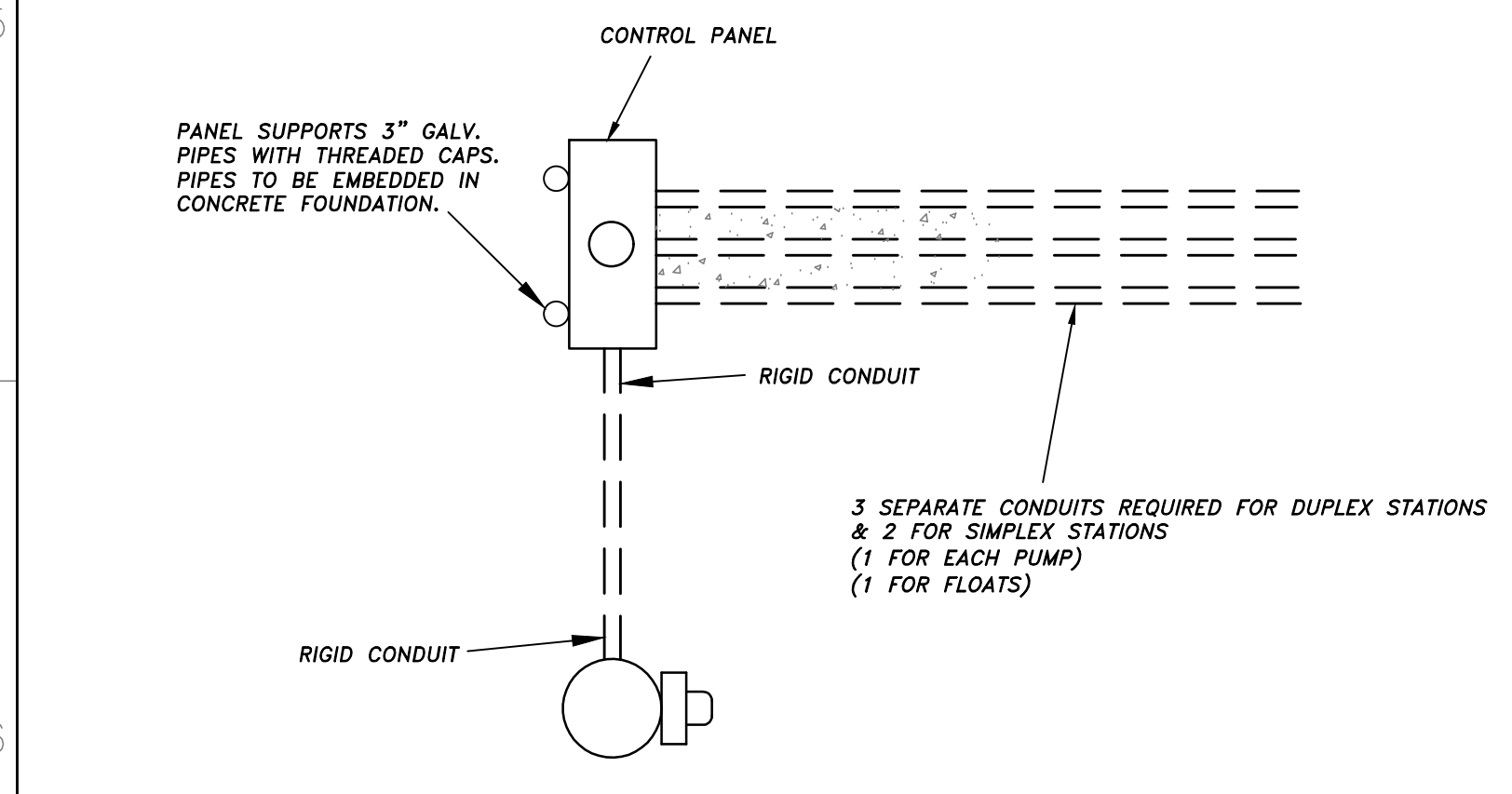


BASIN COVER

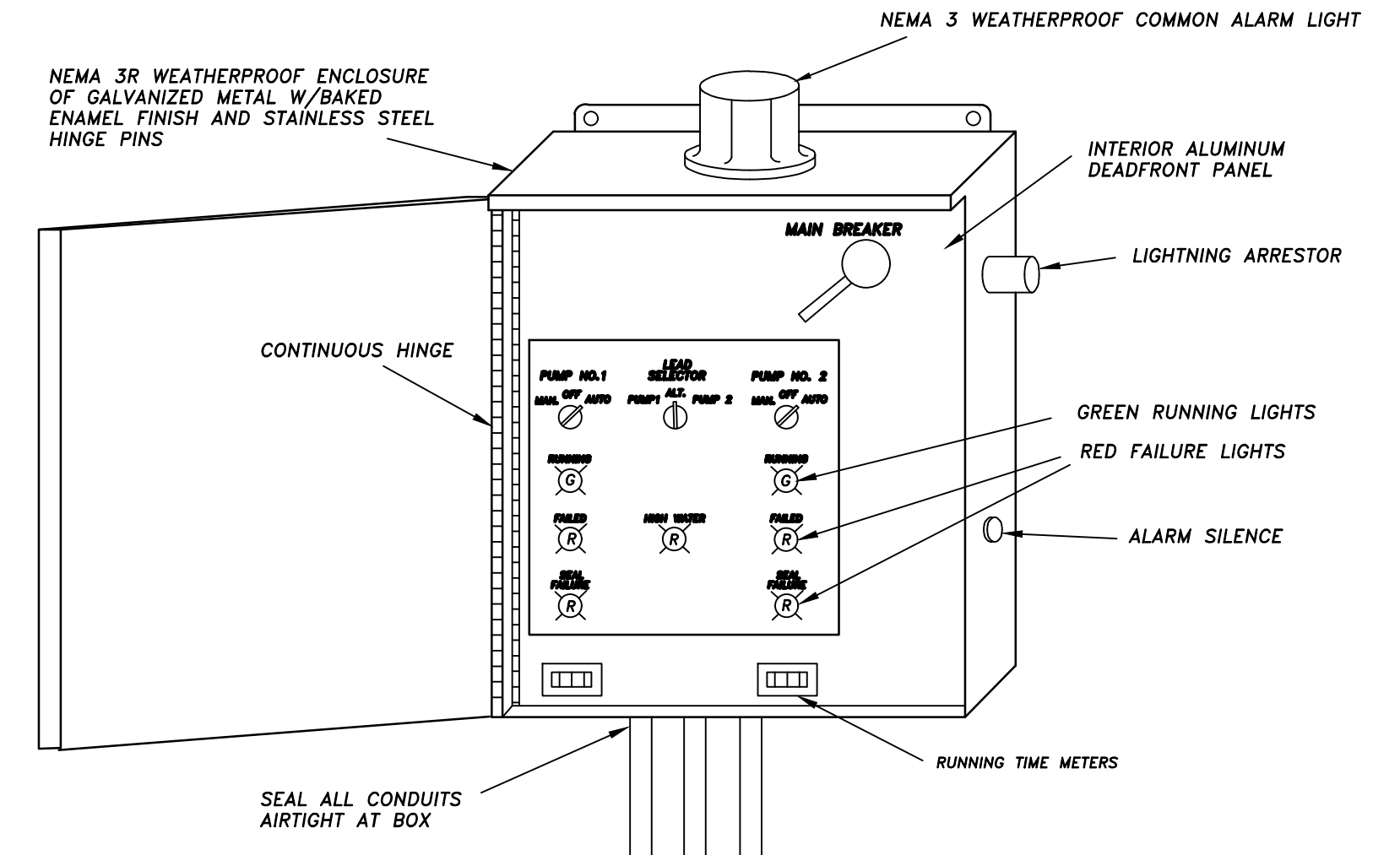
| A | B | D | E |
|----|----|----|----|
| 48 | 54 | 38 | 10 |

| PARAMETERS | UNITS | PUMP 1&2 |
|-------------------------------------|--------|------------|
| CAPACITY (PUMP) | G.P.M. | 35 |
| SIZE | HP | 5HP (MIN.) |
| MOTOR VOLTAGE | VOLTS | 230 |
| MOTOR SPEED | R.P.M. | 3450 |
| PHASE POWER | N.A. | 3 |
| FRICTION HEAD (C=140) | FT. | 4.4 |
| ELEVATION HEAD | FT. | 7.0 |
| TOTAL (T.D.H.) | FT. | 11.4 |
| FRICTION HEAD (C=100) | FT. | 61.0 |
| PRESSURE HEAD EX. 12" FM | FT. | 35.0 |
| TOTAL (T.D.H.) | FT. | 104.0 |
| WET WELL I.D. | IN. | 48" |
| FORCE MAIN I. D. | IN. | 2" |
| DISCH. PIPE, VALVES & FITTINGS I.D. | IN. | 2" |
| FORCE MAIN LENGTH | L.F. | 175' |
| ELEVATION TOP | FT. | 263.50 |
| ELEV. LOWEST GRAVITY INVERT | FT. | 257.00 |
| ELEVATION ALARM | FT. | 257.50 |
| ELEV. ON 2ND PUMP | FT. | 256.50 |
| ELEV. ON 1ST PUMP | FT. | 255.50 |
| ELEVATION OFF (1st & 2nd) | FT. | 254.50 |
| ELEVATION INVERT | FT. | 252.50 |
| ELEV. 2" FM DISCHARGE (Ø 12" FM) | FT. | 260.00 |
| ELEV. CONTROLLING HIGH POINT | FT. | NA |

- NOTES:
1. PUMPS SHALL BE PENTAIR HYDROMATIC - HPCH, SPEED RATED 3,450 RPM, MOTOR RATING 5.0 HP, 4.75 INCH IMPELLER PROVIDE 3 PHASE POWER.

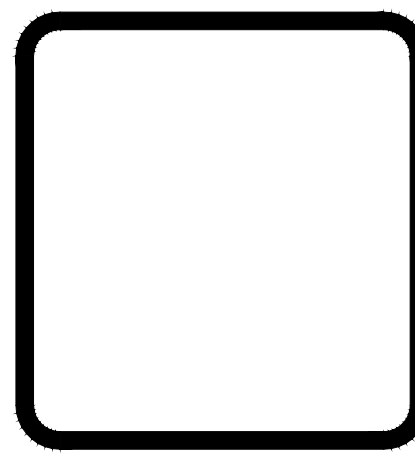


CONTROL PANEL PLAN VIEW



TYPICAL CONTROL PANEL

| REVISIONS | BY |
|-----------|----|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



WOOLDRIDGE & ASSOCIATES
 464 CHURCH RD. SUITE 700
 MADISON, MS 39110
 601-209-8885
 WOOLDRIDGEARCHITECTURE@YAHOO.COM

Magnolia District
 Church Road
 Gluckstadt, Mississippi

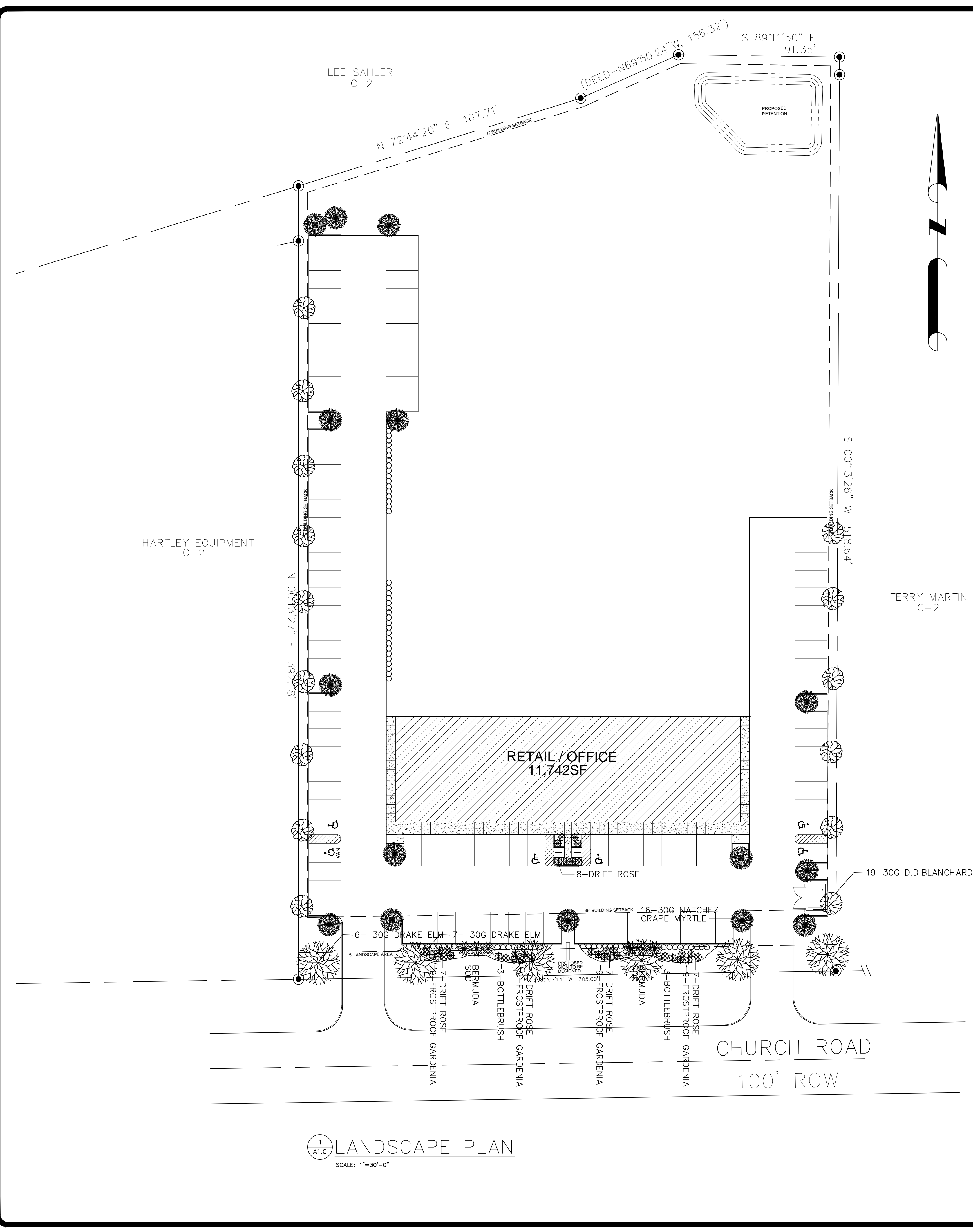
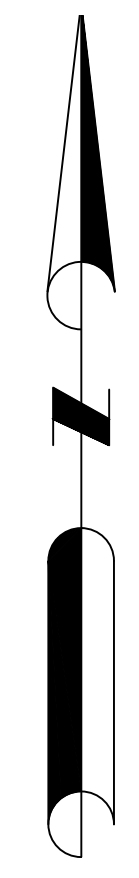
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| |
|----------------|
| DRAWN |
| CHECKED |
| DATE 3/2/22 |
| SCALE |
| JOB NO. |
| SHEET |
| A0.1 |
| OF SHEETS |

SITE 151,125SF (3.47AC)
 SITE 151,125SF (3.47AC)
 BUILDING 11,742SF
 SITE COVERAGE 7.7%

C2 ZONING
 BUILDING USAGE AND PARKING REQUIREMENTS
 RESTAURANT 3,000SF /100 = 30 PARKING SPACES
 RETAIL 8,742SF /225 = 38.8 PARKING SPACES
 TENNIS COURTS 9 COURTS X 2 = 18 PARKING SPACES
 45 SPECTATORS = 9 PARKING SPACES

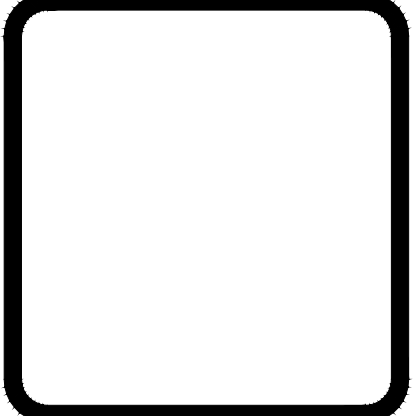
PARKING REQUIRED: 96 PARKING SPACES
 PARKING PROVIDED: 96 PARKING SPACES



1 LANDSCAPE PLAN
 SCALE: 1"=30'-0"

DW 3/28/2022 3:33 PM SITE PLAN.dwg

| REVISIONS | BY |
|-----------|----|
| | |
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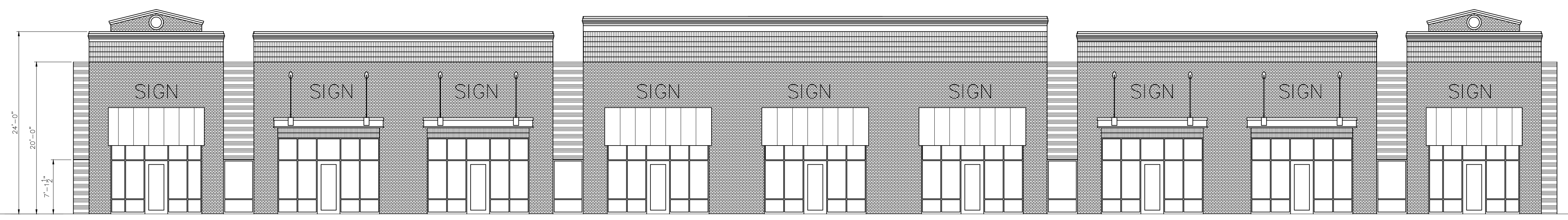
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WOOLDRIDGE & ASSOCIATES
 464 CHURCH RD. SUITE 700
 MADISON, MS 39110
 601-209-8865
 WOOLDRIDGEARCHITECTURE@YAHOO.COM

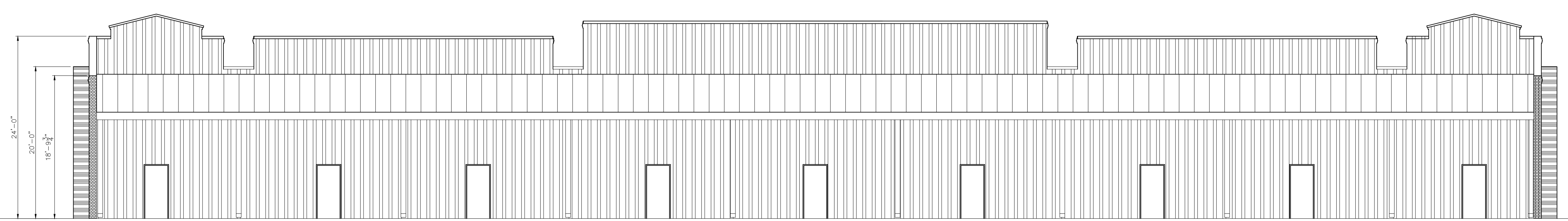
Magnolia District
 Church Road
 Gluckstadt, Mississippi

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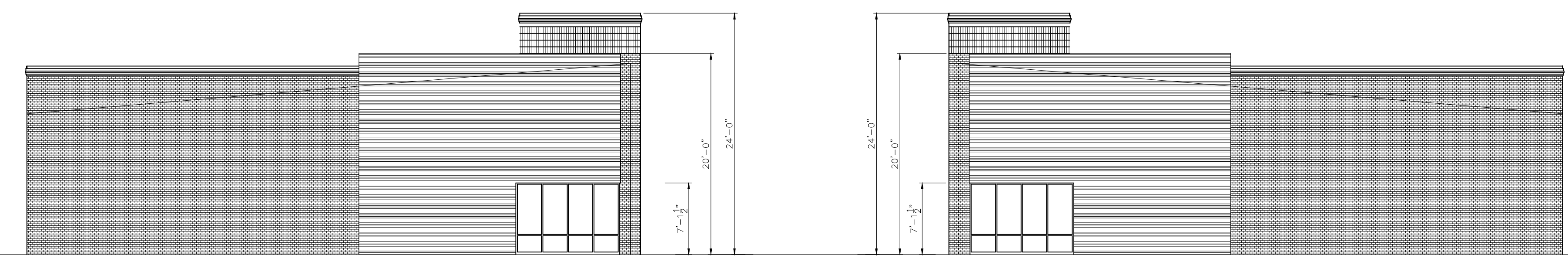
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|----------------|
| DRAWN |
| CHECKED |
| DATE 3/2/22 |
| SCALE |
| JOB NO. |
| SHEET |
| A3.0 |
| OF SHEETS |



1
A1.0 FRONT ELEVATION
SCALE: 1/8"=1'-0"



1
A1.0 REAR ELEVATION
SCALE: 1/8"=1'-0"



1
A1.0 SIDE ELEVATION
SCALE: 1/8"=1'-0"

1
A1.0 SIDE ELEVATION
SCALE: 1/8"=1'-0"

SITE PLAN.dwg

3/28/2022 3:33 PM

DW

Stormwater Impact Analysis

For

Magnolia Commons

A Proposed Commercial
Site Development
Gluckstadt, MS

Report Prepared by:

Dean Engineering Solutions Inc.



10-05-2023

Issue Dates
05 Oct 2023

Description
Submittal for Review

Project Overview

The project site development lies within the City of Gluckstadt near the intersection of Church Rd and Old Jackson Rd. The existing site is approximately 3.5 AC of undeveloped land with grass coverage. The proposed project will feature new general commercial lease buildings with parking, drives and all necessary utilities. The project will also feature an open dry pond stormwater detention structure sized to accommodate stormwater for the development.

Existing Site Description:

Stormwater runoff from the existing site surface drains north to an existing ditch at the north property boundary, and then eastward off site. According to the USDA Natural Resource Conservation Service, Web Soil Survey Service mapping, the existing site soils are Gillsburg Silt Loam, which belongs to USDA hydrologic soils group D. According to FEMA FIRM Map #28089C0415F, effective March 17, 2010, the site lies within zone X, which is classified as an area of minimal flood hazard.

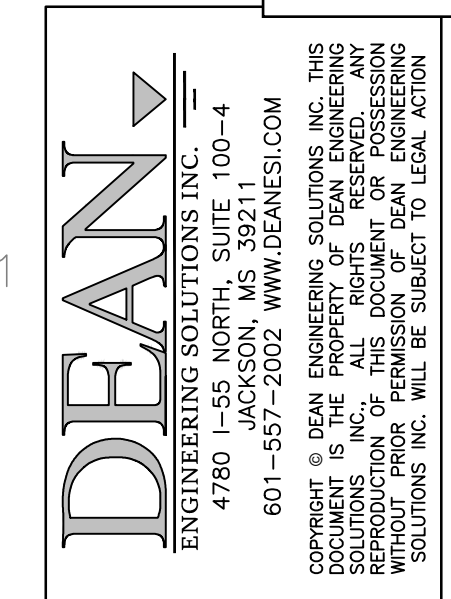
Stormwater Management:

The proposed stormwater detention design controls and reduces stormwater flows below the existing development conditions for the 2-year, 5, 10, 25, 50 and 100-yr storm events. See summary of pre-vs-post flow results below. See attachments for detailed stormwater flow characteristics and other pertinent design parameters, inputs and results.

| <u>Pond routing runoff summary</u> | | | |
|------------------------------------|------------------------|-------------------------|--------------------------|
| Storm Event (year) | Pre-Develop flow (cfs) | Post-Develop flow (cfs) | Detained Water Elevation |
| 2 | 6.81 | 6.13 | 258.68 |
| 5 | 9.41 | 9.15 | 259.13 |
| 10 | 11.58 | 11.53 | 259.48 |
| 25 | 13.76 | 13.42 | 259.79 |
| 50 | 15.71 | 14.94 | 260.05 |
| 100 | 17.44 | 16.22 | 260.20 |

List of Attachments:

- Maps
 - DA1 – Pre-Development Drainage Map
 - DA2 – Post Development Drainage Map
 - Natural Resources Conservation Service Web Soil Survey
 - FEMA FIRMette Map
- Calculations
 - HydroCAD Pond Routing Report (2-100 year events)



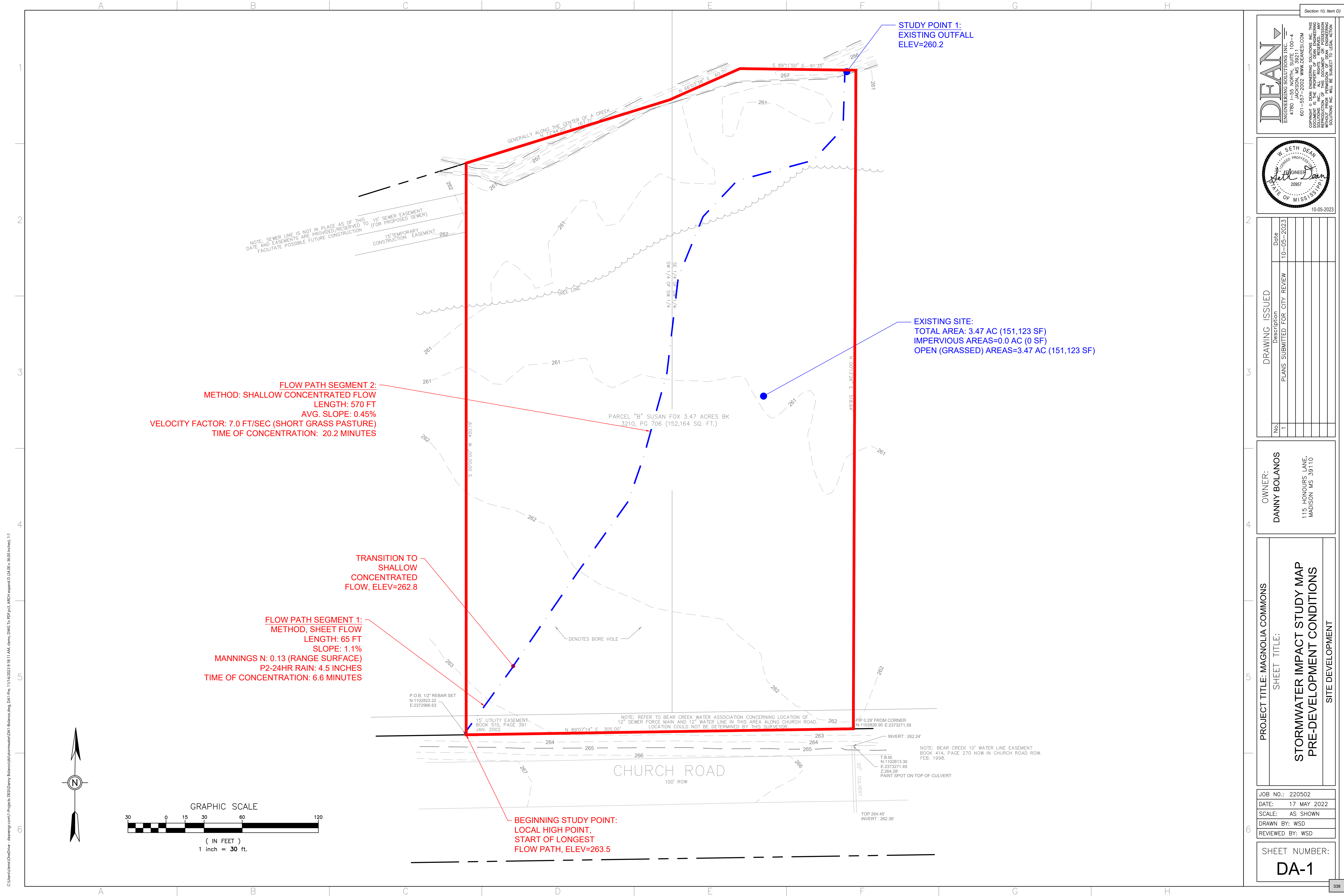
| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
**STORMWATER IMPACT STUDY MAP
PRE-DEVELOPMENT CONDITIONS**
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
DA-1



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DEAN
 ENGINEERING SOLUTIONS, INC.
 4780 I-55 NORTH, SUITE 100-4
 JACKSON, MS 39211
 601-557-2002 WWW.DEANESI.COM

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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

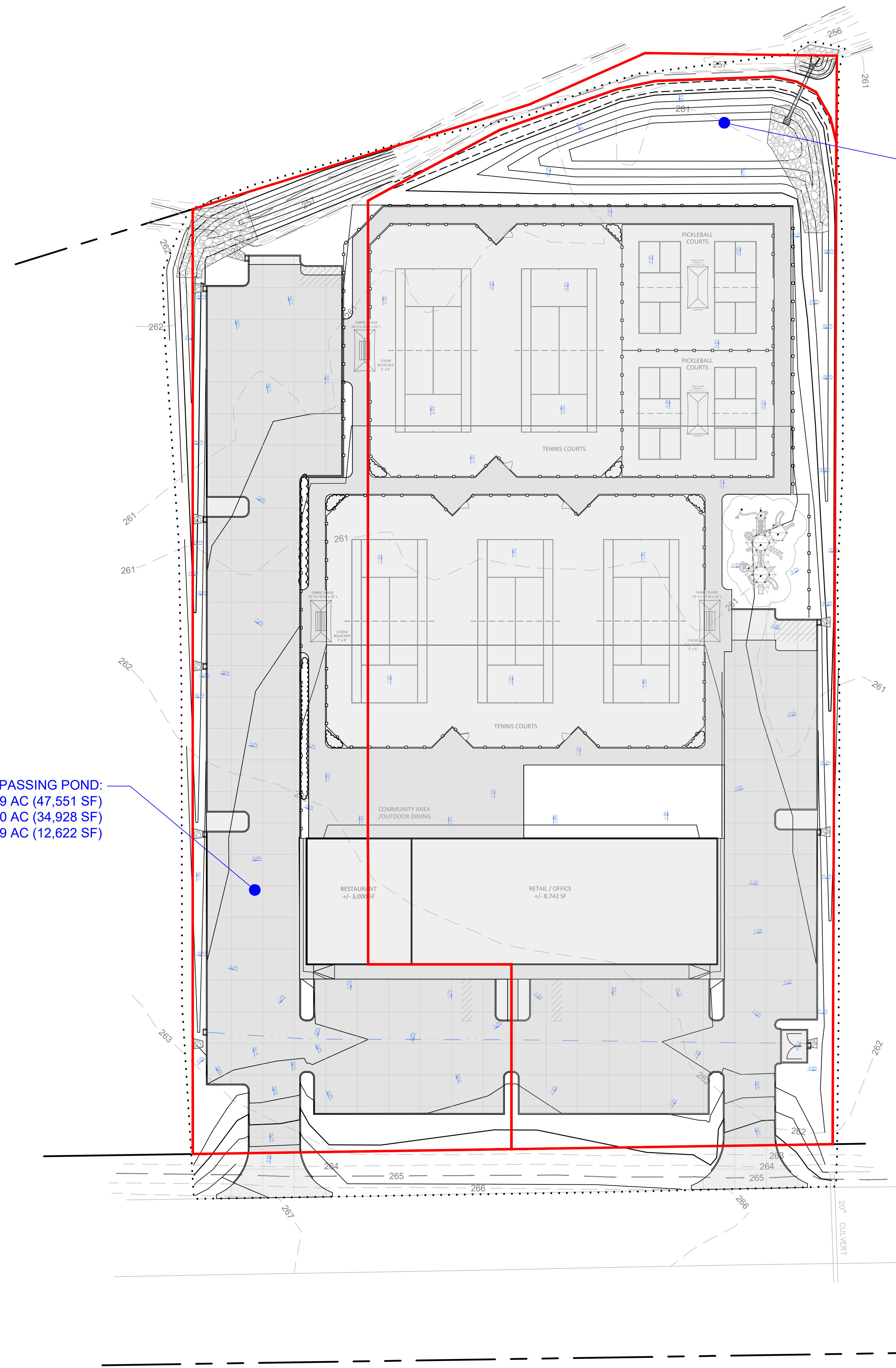
DRAWING ISSUED

OWNER:
 DANNY BOLANOS
 115 HONOURS LANE,
 MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS
SHEET TITLE:
 STORMWATER IMPACT STUDY MAP
 POST-DEVELOPMENT CONDITIONS
 SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

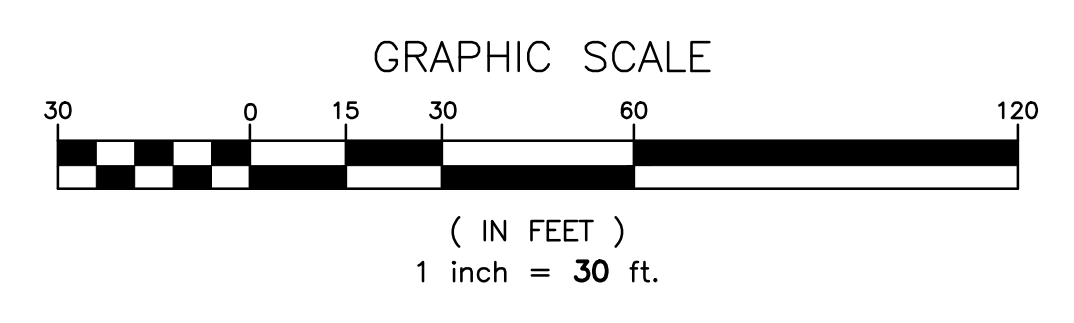
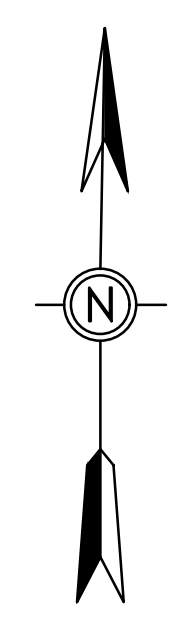
SHEET NUMBER:
 DA-2



TO POND:
 TOTAL AREA: 2.38 AC (103,573 SF)
 IMPERVIOUS AREAS = 1.81 AC (78,932 SF)
 OPEN (GRASSED) AREAS = 0.57 AC (24,641 SF)

AREAS BYPASSING POND:
 TOTAL AREA: 1.09 AC (47,551 SF)
 IMPERVIOUS AREAS=0.80 AC (34,928 SF)
 OPEN (GRASSED) AREAS=0.29 AC (12,622 SF)

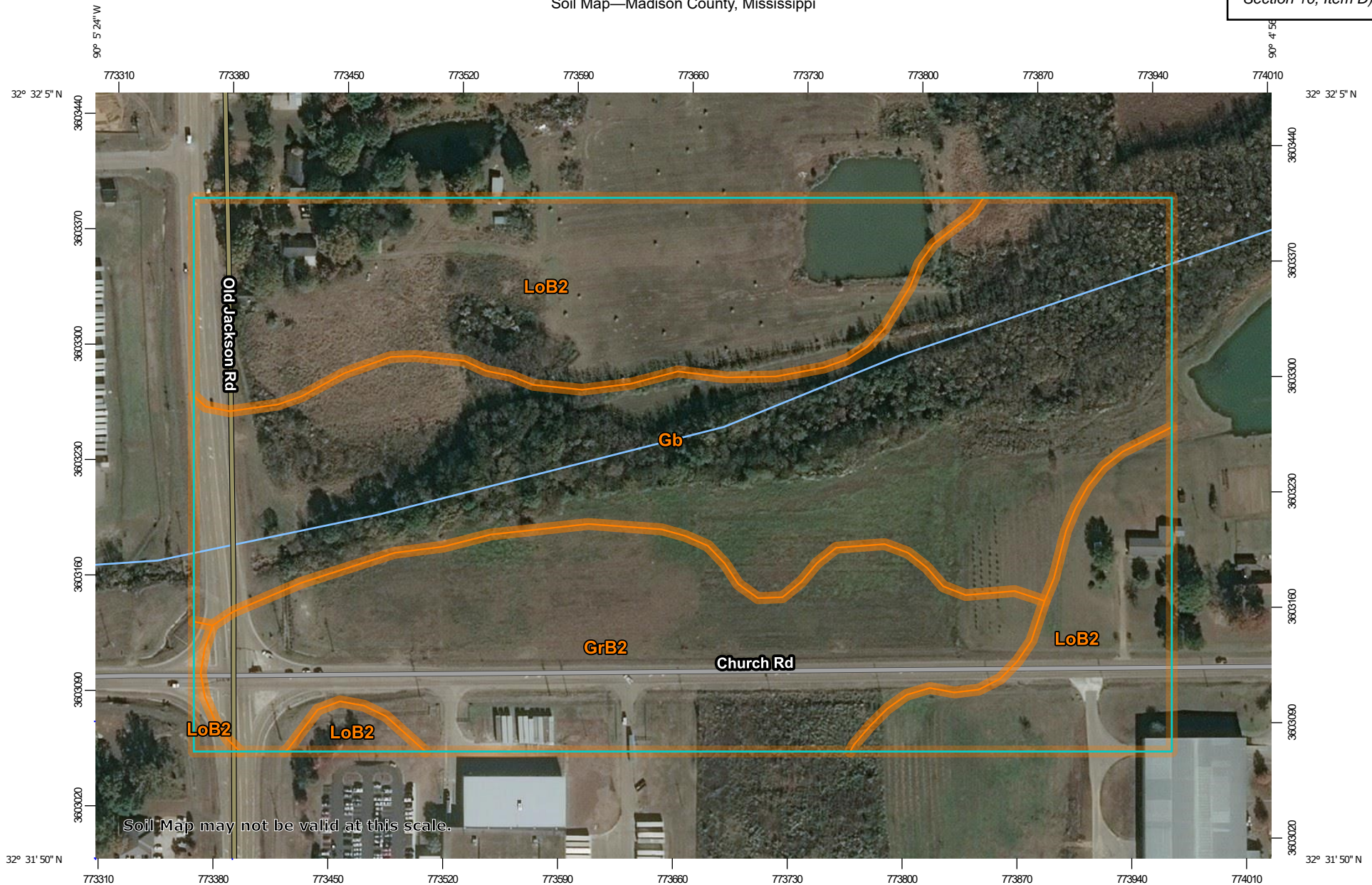
PROPOSED SITE:
 TOTAL AREA: 3.47 AC (151,123 SF)
 IMPERVIOUS AREAS=2.61 AC (113,862 SF)
 OPEN (GRASSED) AREAS=0.85 AC (37,261 SF)



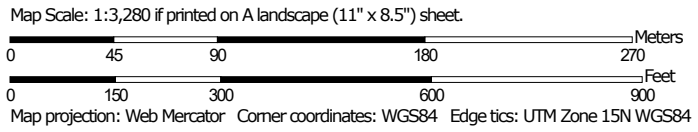
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Soil Map—Madison County, Mississippi

Section 10, Item D)




Soil Map may not be valid at this scale.




MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Madison County, Mississippi
 Survey Area Data: Version 16, Sep 8, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|------------------------------------|---|--------------|----------------|
| Gb | Gillsburg silt loam | 19.9 | 40.1% |
| GrB2 | Grenada silt loam, 2 to 5 percent slopes, eroded | 13.0 | 26.1% |
| LoB2 | Loring silt loam, 2 to 5 percent slopes, moderately eroded, central | 16.8 | 33.8% |
| Totals for Area of Interest | | 49.6 | 100.0% |

National Flood Hazard Layer FIRMette



90°5'31"W 32°32'2"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

Section 10, Item D)

SEE FIS REPORT FOR DETAILED LEGEND AND

- | | |
|------------------------------------|--|
| SPECIAL FLOOD HAZARD AREAS | Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i> |
| | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> |
| | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
| | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | Effective LOMRs |
| | Area of Undetermined Flood Hazard <i>Zone D</i> |
| GENERAL STRUCTURES | Channel, Culvert, or Storm Sewer |
| | Levee, Dike, or Floodwall |
| OTHER FEATURES | Cross Sections with 1% Annual Chance Water Surface Elevation |
| | 17.5 |
| | Coastal Transect |
| | Base Flood Elevation Line (BFE) |
| | Limit of Study |
| | Jurisdiction Boundary |
| | Coastal Transect Baseline |
| | Profile Baseline |
| | Hydrographic Feature |
| MAP PANELS | Digital Data Available |
| | No Digital Data Available |
| | Unmapped |

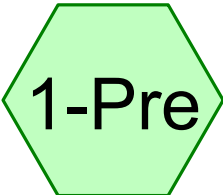


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **5/2/2022 at 9:12 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

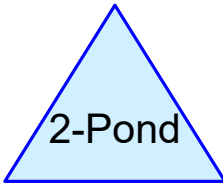
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community id, FIRM panel number, and FIRM effective date. Map is unmapped and unmodernized areas cannot be used for regulatory purposes.



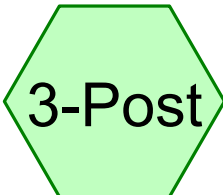
Pre Development



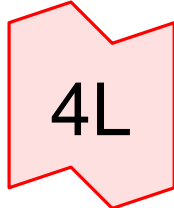
Post-Basin to Pond



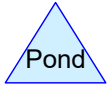
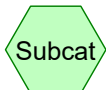
Pond



Post By-pass



Post Outfall



Routing Diagram for Bolanos STM
Prepared by Dean Engineering Solutions, Inc., Printed 11/14/2023
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Bolanos STM

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Page 2

Area Listing (all nodes)

| Area (acres) | CN | Description (subcatchment-numbers) |
|-----------------|-----------|--|
| 0.860 | 80 | >75% Grass cover, Good, HSG D (2-Post, 3-Post) |
| 3.470 | 84 | Pasture/grassland/range, Fair, HSG D (1-Pre) |
| 2.610 | 98 | Paved parking, HSG D (2-Post, 3-Post) |
| 6.940 | 89 | TOTAL AREA |

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Page 3

Soil Listing (all nodes)

| Area (acres) | Soil Group | Subcatchment Numbers |
|-----------------|---------------|-------------------------|
| 0.000 | HSG A | |
| 0.000 | HSG B | |
| 0.000 | HSG C | |
| 6.940 | HSG D | 1-Pre, 2-Post, 3-Post |
| 0.000 | Other | |
| 6.940 | | TOTAL AREA |

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Page 4

Ground Covers (all nodes)

| HSG-A (acres) | HSG-B (acres) | HSG-C (acres) | HSG-D (acres) | Other (acres) | Total (acres) | Ground Cover | Subcatchment Numbers |
|------------------|------------------|------------------|------------------|------------------|------------------|-------------------------------|-------------------------|
| 0.000 | 0.000 | 0.000 | 0.860 | 0.000 | 0.860 | >75% Grass cover, Good | 2-Post, 3-Post |
| 0.000 | 0.000 | 0.000 | 3.470 | 0.000 | 3.470 | Pasture/grassland/range, Fair | 1-Pre |
| 0.000 | 0.000 | 0.000 | 2.610 | 0.000 | 2.610 | Paved parking | 2-Post, 3-Post |
| 0.000 | 0.000 | 0.000 | 6.940 | 0.000 | 6.940 | TOTAL AREA | |

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Page 5

Pipe Listing (all nodes)

| Line# | Node Number | In-Invert (feet) | Out-Invert (feet) | Length (feet) | Slope (ft/ft) | n | Diam/Width (inches) | Height (inches) | Inside-Fill (inches) |
|-------|-------------|------------------|-------------------|---------------|---------------|-------|---------------------|-----------------|----------------------|
| 1 | 2-Pond | 255.20 | 255.10 | 25.0 | 0.0040 | 0.013 | 15.0 | 0.0 | 0.0 |

Bolanos STM

Type III 24-hr 2yr Rainfall=4.50"

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Page 6

Time span=0.00-48.00 hrs, dt=0.02 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1-Pre: Pre Development Runoff Area=3.470 ac 0.00% Impervious Runoff Depth=2.82"
Flow Length=635' Tc=26.8 min CN=84 Runoff=6.81 cfs 0.814 af

Subcatchment 2-Post: Post-Basin to Pond Runoff Area=2.380 ac 76.05% Impervious Runoff Depth=3.82"
Tc=5.0 min CN=94 Runoff=10.29 cfs 0.757 af

Subcatchment 3-Post: Post By-pass Runoff Area=1.090 ac 73.39% Impervious Runoff Depth=3.71"
Tc=5.0 min CN=93 Runoff=4.63 cfs 0.337 af

Pond 2-Pond: Pond Peak Elev=258.68' Storage=0.214 af Inflow=10.29 cfs 0.757 af
Outflow=3.30 cfs 0.756 af

Link 4L: Post Outfall Inflow=6.13 cfs 1.093 af
Primary=6.13 cfs 1.093 af

Total Runoff Area = 6.940 ac Runoff Volume = 1.908 af Average Runoff Depth = 3.30"
62.39% Pervious = 4.330 ac 37.61% Impervious = 2.610 ac

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Type III 24-hr 2yr Rainfall=4.50"

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Page 7

Summary for Subcatchment 1-Pre: Pre Development

Runoff = 6.81 cfs @ 12.36 hrs, Volume= 0.814 af, Depth= 2.82"

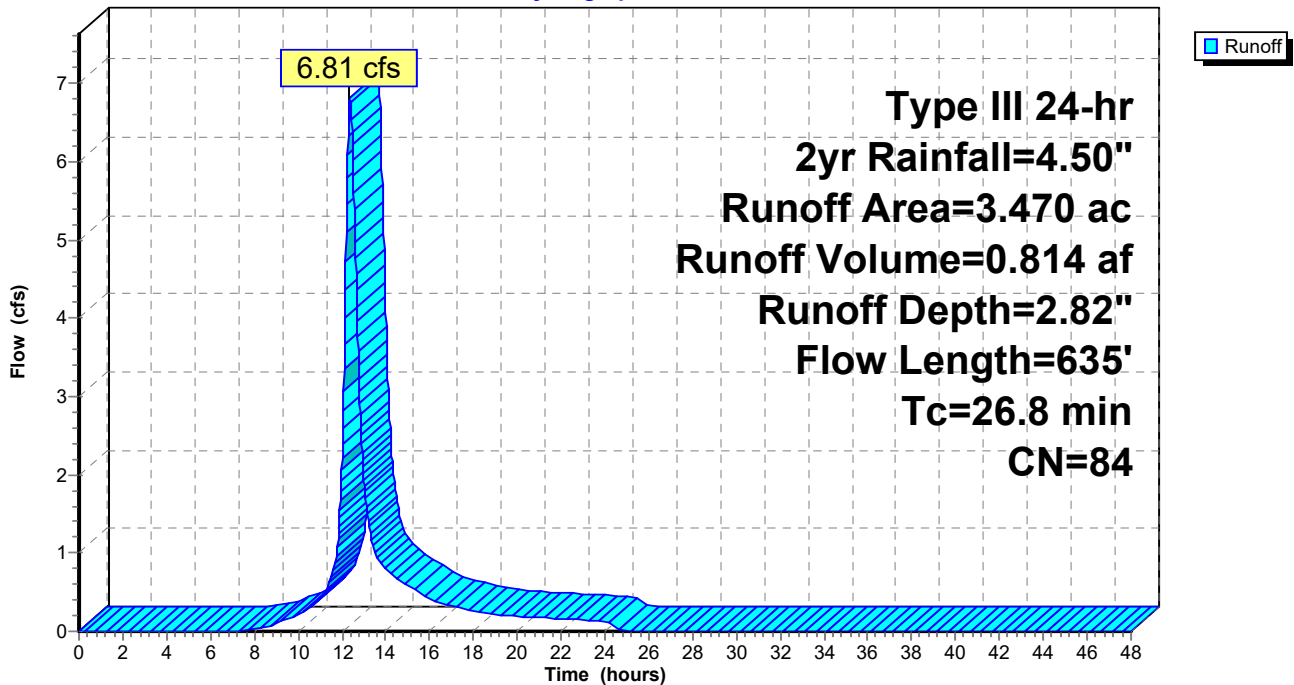
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 2yr Rainfall=4.50"

| Area (ac) | CN | Description |
|-----------|----|--------------------------------------|
| 3.470 | 84 | Pasture/grassland/range, Fair, HSG D |
| 3.470 | | 100.00% Pervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---|
| 6.6 | 65 | 0.0110 | 0.16 | | Sheet Flow, Range n= 0.130 P2= 4.50" |
| 20.2 | 570 | 0.0045 | 0.47 | | Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps |
| 26.8 | 635 | Total | | | |

Subcatchment 1-Pre: Pre Development

Hydrograph



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Type III 24-hr 2yr Rainfall=4.50"

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Page 8

Summary for Subcatchment 2-Post: Post-Basin to Pond

Runoff = 10.29 cfs @ 12.07 hrs, Volume= 0.757 af, Depth= 3.82"

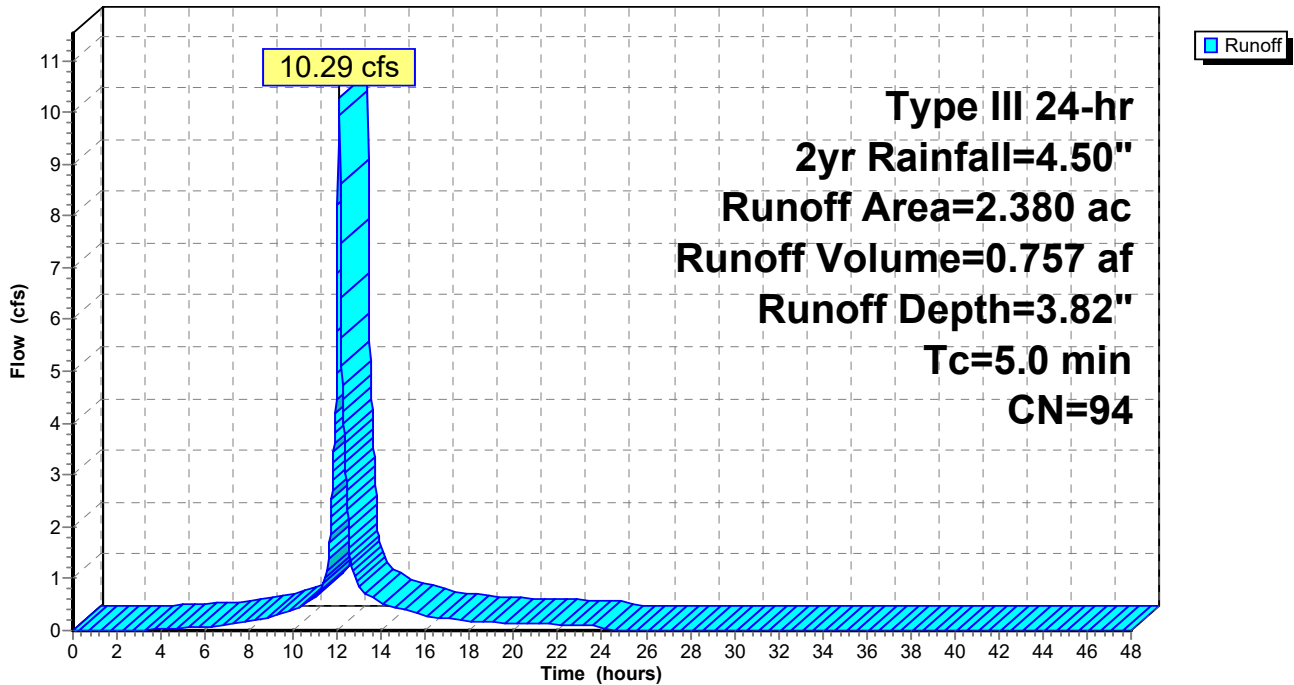
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 2yr Rainfall=4.50"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.570 | 80 | >75% Grass cover, Good, HSG D |
| 1.810 | 98 | Paved parking, HSG D |
| 2.380 | 94 | Weighted Average |
| 0.570 | | 23.95% Pervious Area |
| 1.810 | | 76.05% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 2-Post: Post-Basin to Pond

Hydrograph



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Type III 24-hr 2yr Rainfall=4.50"

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Page 9

Summary for Subcatchment 3-Post: Post By-pass

Runoff = 4.63 cfs @ 12.07 hrs, Volume= 0.337 af, Depth= 3.71"

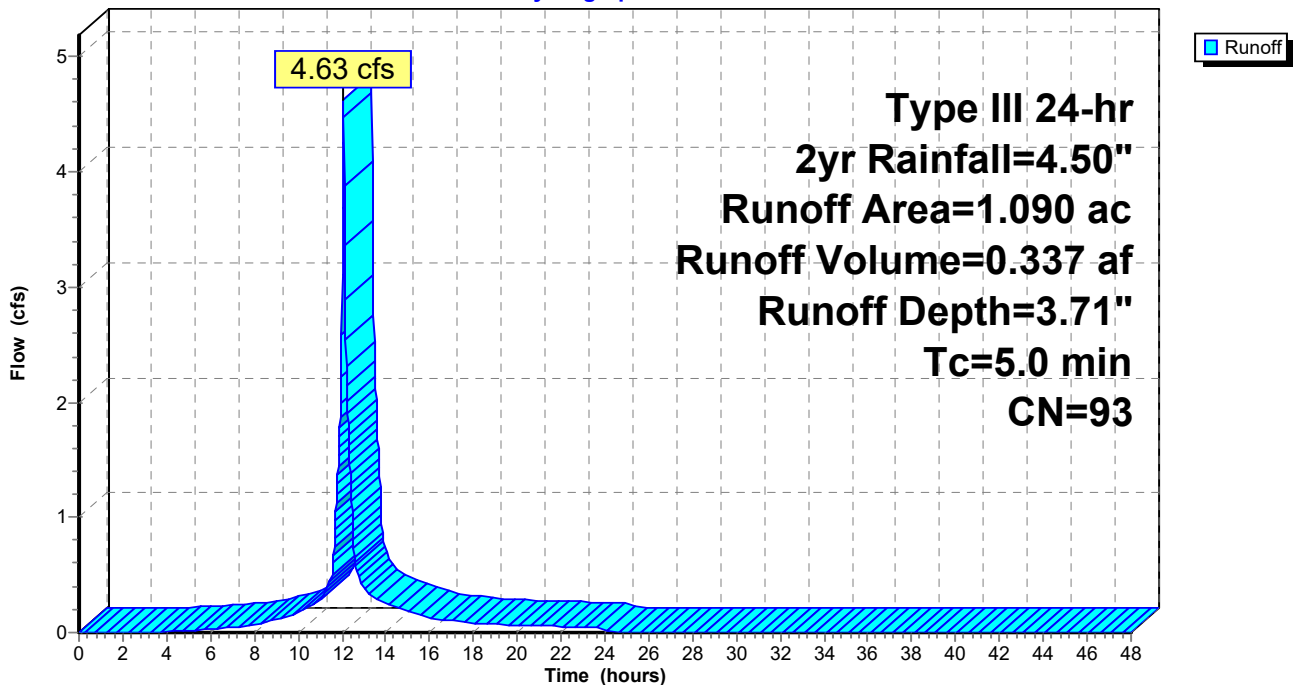
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 2yr Rainfall=4.50"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.290 | 80 | >75% Grass cover, Good, HSG D |
| 0.800 | 98 | Paved parking, HSG D |
| 1.090 | 93 | Weighted Average |
| 0.290 | | 26.61% Pervious Area |
| 0.800 | | 73.39% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 3-Post: Post By-pass

Hydrograph



Bolanos STM

Type III 24-hr 2yr Rainfall=4.50"

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Page 10

Summary for Pond 2-Pond: Pond

Inflow Area = 2.380 ac, 76.05% Impervious, Inflow Depth = 3.82" for 2yr event
 Inflow = 10.29 cfs @ 12.07 hrs, Volume= 0.757 af
 Outflow = 3.30 cfs @ 12.35 hrs, Volume= 0.756 af, Atten= 68%, Lag= 16.9 min
 Primary = 3.30 cfs @ 12.35 hrs, Volume= 0.756 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
 Peak Elev= 258.68' @ 12.35 hrs Surf.Area= 0.111 ac Storage= 0.214 af

Plug-Flow detention time= 40.3 min calculated for 0.755 af (100% of inflow)
 Center-of-Mass det. time= 39.4 min (815.0 - 775.6)

| Volume | Invert | Avail.Storage | Storage Description |
|---------------------|----------------------|--------------------------|--|
| #1 | 255.00' | 0.701 af | Custom Stage Data (Prismatic) Listed below (Recalc) |
| Elevation (feet) | Surf.Area (acres) | Inc.Store (acre-feet) | Cum.Store (acre-feet) |
| 255.00 | 0.001 | 0.000 | 0.000 |
| 256.00 | 0.041 | 0.021 | 0.021 |
| 257.00 | 0.062 | 0.052 | 0.073 |
| 258.00 | 0.086 | 0.074 | 0.146 |
| 259.00 | 0.123 | 0.105 | 0.251 |
| 260.00 | 0.210 | 0.166 | 0.418 |
| 261.00 | 0.356 | 0.283 | 0.701 |

| Device | Routing | Invert | Outlet Devices |
|--------|----------|---------|--|
| #1 | Primary | 255.20' | 15.0" Round Culvert L= 25.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 255.20' / 255.10' S= 0.0040 ' S Cc= 0.900 n= 0.013, Flow Area= 1.23 sf |
| #2 | Device 1 | 255.20' | 6.0" Vert. Orifice/Grate C= 0.600 |
| #3 | Device 1 | 258.00' | 12.0" Vert. Orifice/Grate C= 0.600 |
| #4 | Device 1 | 260.10' | 48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads |
| #5 | Primary | 260.50' | 250.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88 |

Primary OutFlow Max=3.30 cfs @ 12.35 hrs HW=258.68' (Free Discharge)

- 1=Culvert (Passes 3.30 cfs of 11.26 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.70 cfs @ 8.66 fps)
- 3=Orifice/Grate (Orifice Controls 1.60 cfs @ 2.81 fps)
- 4=Orifice/Grate (Controls 0.00 cfs)
- 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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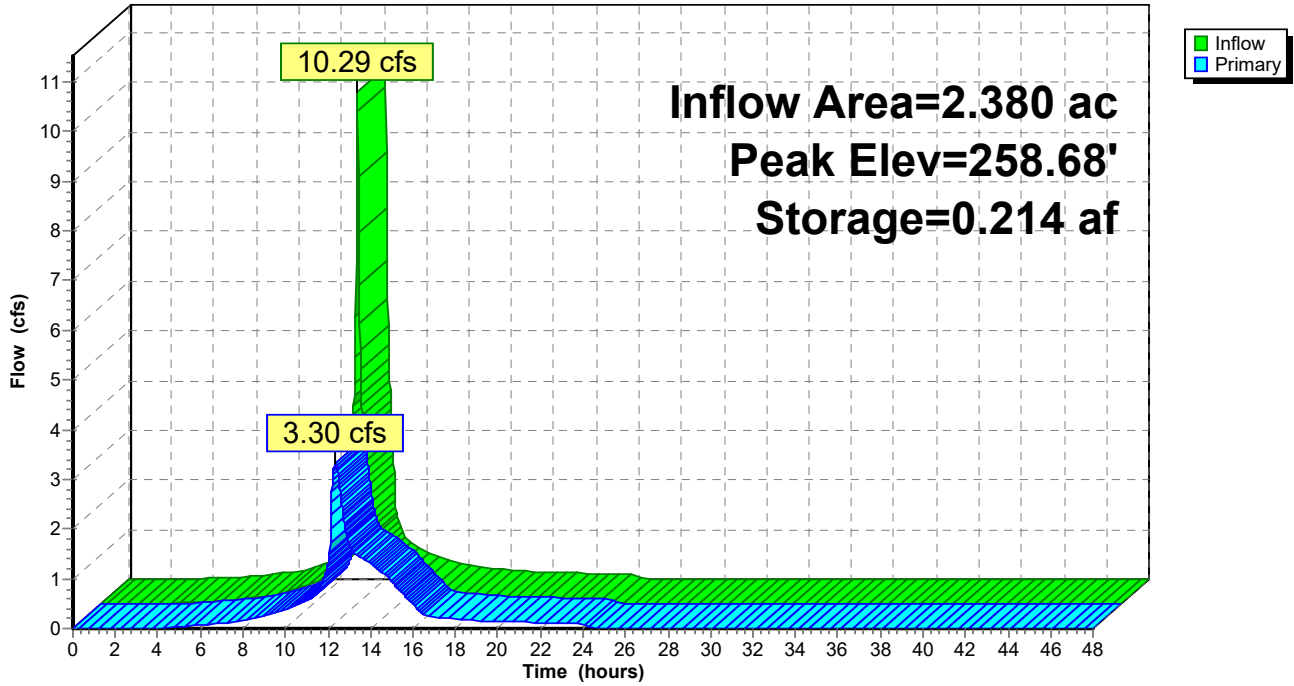
Type III 24-hr 2yr Rainfall=4.50"

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Page 11

Pond 2-Pond: Pond

Hydrograph



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Type III 24-hr 2yr Rainfall=4.50"

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Page 12

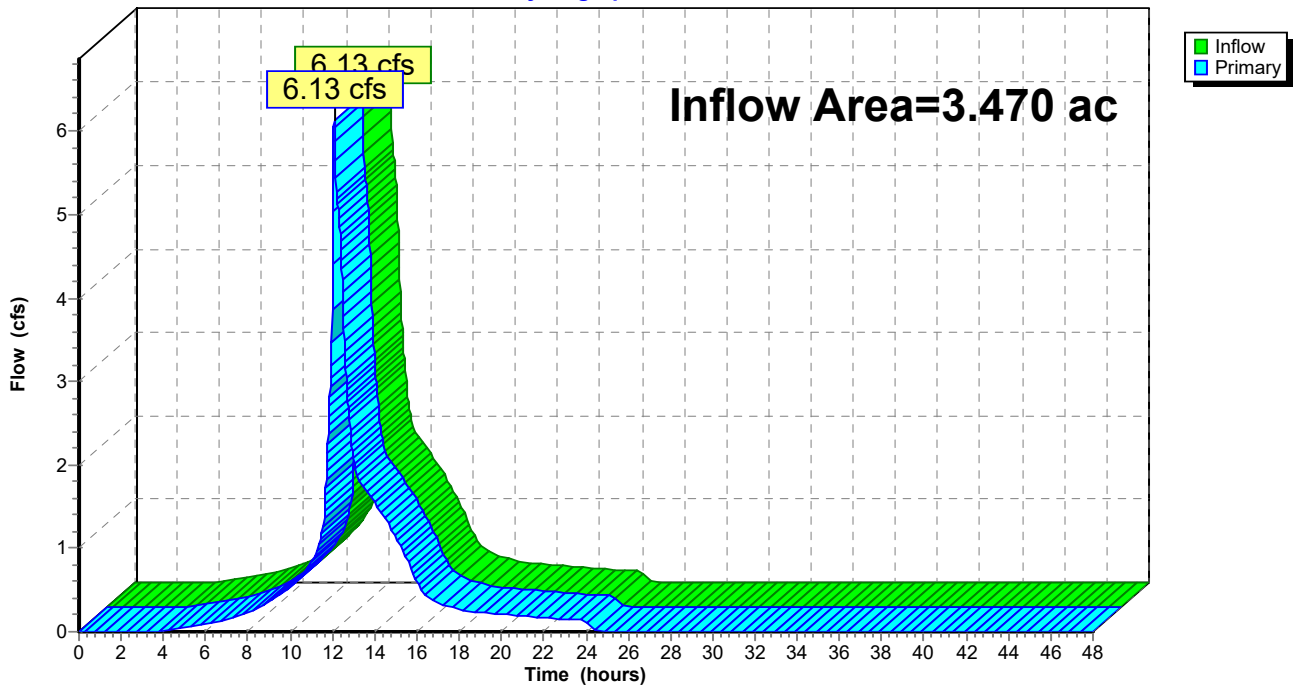
Summary for Link 4L: Post Outfall

Inflow Area = 3.470 ac, 75.22% Impervious, Inflow Depth = 3.78" for 2yr event
Inflow = 6.13 cfs @ 12.08 hrs, Volume= 1.093 af
Primary = 6.13 cfs @ 12.08 hrs, Volume= 1.093 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs

Link 4L: Post Outfall

Hydrograph



Bolanos STM

Type III 24-hr 5yr Rainfall=5.70"

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Time span=0.00-48.00 hrs, dt=0.02 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1-Pre: Pre Development Runoff Area=3.470 ac 0.00% Impervious Runoff Depth=3.92"
Flow Length=635' Tc=26.8 min CN=84 Runoff=9.41 cfs 1.133 af

Subcatchment 2-Post: Post-Basin to Pond Runoff Area=2.380 ac 76.05% Impervious Runoff Depth=5.00"
Tc=5.0 min CN=94 Runoff=13.28 cfs 0.992 af

Subcatchment 3-Post: Post By-pass Runoff Area=1.090 ac 73.39% Impervious Runoff Depth=4.89"
Tc=5.0 min CN=93 Runoff=6.01 cfs 0.444 af

Pond 2-Pond: Pond Peak Elev=259.13' Storage=0.267 af Inflow=13.28 cfs 0.992 af
Outflow=4.81 cfs 0.991 af

Link 4L: Post Outfall Inflow=9.15 cfs 1.434 af
Primary=9.15 cfs 1.434 af

Total Runoff Area = 6.940 ac Runoff Volume = 2.568 af Average Runoff Depth = 4.44"
62.39% Pervious = 4.330 ac 37.61% Impervious = 2.610 ac

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Type III 24-hr 5yr Rainfall=5.70"

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Summary for Subcatchment 1-Pre: Pre Development

Runoff = 9.41 cfs @ 12.36 hrs, Volume= 1.133 af, Depth= 3.92"

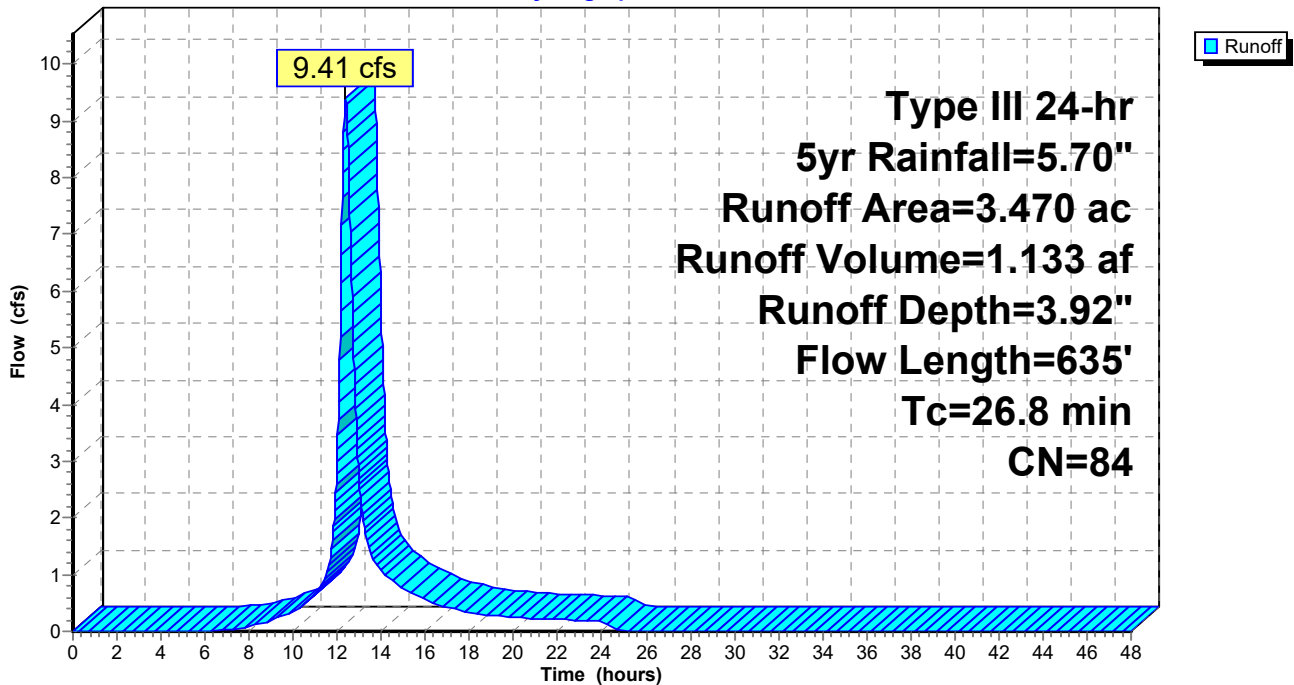
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 5yr Rainfall=5.70"

| Area (ac) | CN | Description |
|-----------|----|--------------------------------------|
| 3.470 | 84 | Pasture/grassland/range, Fair, HSG D |
| 3.470 | | 100.00% Pervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---|
| 6.6 | 65 | 0.0110 | 0.16 | | Sheet Flow, Range n= 0.130 P2= 4.50" |
| 20.2 | 570 | 0.0045 | 0.47 | | Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps |
| 26.8 | 635 | Total | | | |

Subcatchment 1-Pre: Pre Development

Hydrograph



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Type III 24-hr 5yr Rainfall=5.70"

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Summary for Subcatchment 2-Post: Post-Basin to Pond

Runoff = 13.28 cfs @ 12.07 hrs, Volume= 0.992 af, Depth= 5.00"

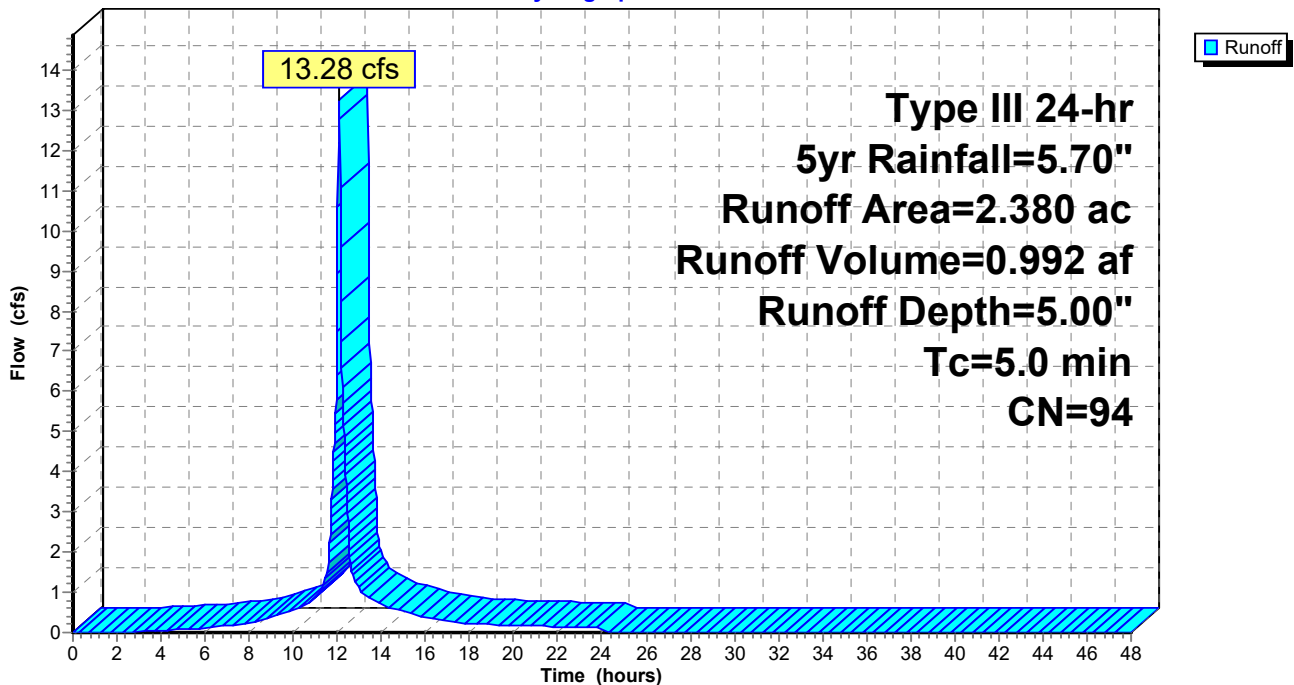
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 5yr Rainfall=5.70"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.570 | 80 | >75% Grass cover, Good, HSG D |
| 1.810 | 98 | Paved parking, HSG D |
| 2.380 | 94 | Weighted Average |
| 0.570 | | 23.95% Pervious Area |
| 1.810 | | 76.05% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 2-Post: Post-Basin to Pond

Hydrograph



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Type III 24-hr 5yr Rainfall=5.70"

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Summary for Subcatchment 3-Post: Post By-pass

Runoff = 6.01 cfs @ 12.07 hrs, Volume= 0.444 af, Depth= 4.89"

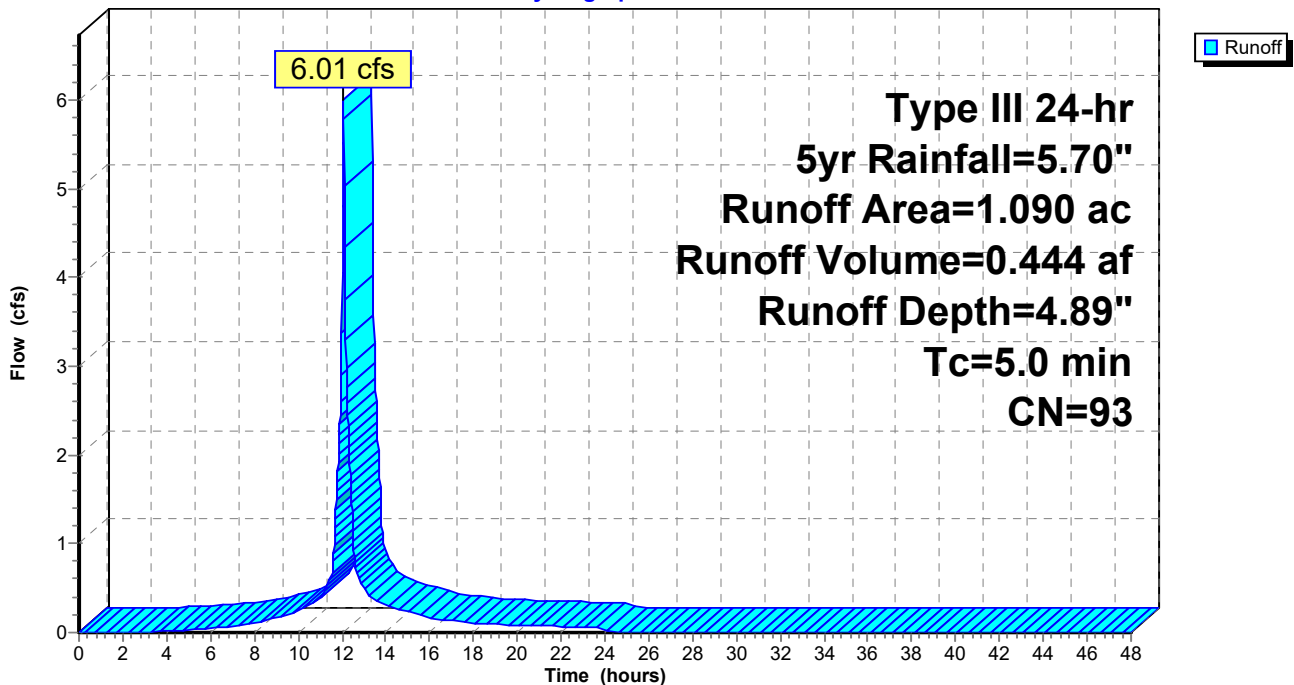
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 5yr Rainfall=5.70"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.290 | 80 | >75% Grass cover, Good, HSG D |
| 0.800 | 98 | Paved parking, HSG D |
| 1.090 | 93 | Weighted Average |
| 0.290 | | 26.61% Pervious Area |
| 0.800 | | 73.39% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 3-Post: Post By-pass

Hydrograph



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Type III 24-hr 5yr Rainfall=5.70"

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Summary for Pond 2-Pond: Pond

Inflow Area = 2.380 ac, 76.05% Impervious, Inflow Depth = 5.00" for 5yr event
 Inflow = 13.28 cfs @ 12.07 hrs, Volume= 0.992 af
 Outflow = 4.81 cfs @ 12.31 hrs, Volume= 0.991 af, Atten= 64%, Lag= 14.1 min
 Primary = 4.81 cfs @ 12.31 hrs, Volume= 0.991 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
 Peak Elev= 259.13' @ 12.31 hrs Surf.Area= 0.134 ac Storage= 0.267 af

Plug-Flow detention time= 39.1 min calculated for 0.990 af (100% of inflow)
 Center-of-Mass det. time= 38.5 min (807.4 - 768.9)

| Volume | Invert | Avail.Storage | Storage Description |
|---------------------|----------------------|--------------------------|--|
| #1 | 255.00' | 0.701 af | Custom Stage Data (Prismatic) Listed below (Recalc) |
| Elevation (feet) | Surf.Area (acres) | Inc.Store (acre-feet) | Cum.Store (acre-feet) |
| 255.00 | 0.001 | 0.000 | 0.000 |
| 256.00 | 0.041 | 0.021 | 0.021 |
| 257.00 | 0.062 | 0.052 | 0.073 |
| 258.00 | 0.086 | 0.074 | 0.146 |
| 259.00 | 0.123 | 0.105 | 0.251 |
| 260.00 | 0.210 | 0.166 | 0.418 |
| 261.00 | 0.356 | 0.283 | 0.701 |

| Device | Routing | Invert | Outlet Devices |
|--------|----------|---------|--|
| #1 | Primary | 255.20' | 15.0" Round Culvert L= 25.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 255.20' / 255.10' S= 0.0040 ' S Cc= 0.900 n= 0.013, Flow Area= 1.23 sf |
| #2 | Device 1 | 255.20' | 6.0" Vert. Orifice/Grate C= 0.600 |
| #3 | Device 1 | 258.00' | 12.0" Vert. Orifice/Grate C= 0.600 |
| #4 | Device 1 | 260.10' | 48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads |
| #5 | Primary | 260.50' | 250.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88 |

Primary OutFlow Max=4.81 cfs @ 12.31 hrs HW=259.13' (Free Discharge)

- 1=Culvert (Passes 4.81 cfs of 12.29 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.81 cfs @ 9.23 fps)
- 3=Orifice/Grate (Orifice Controls 2.99 cfs @ 3.81 fps)
- 4=Orifice/Grate (Controls 0.00 cfs)
- 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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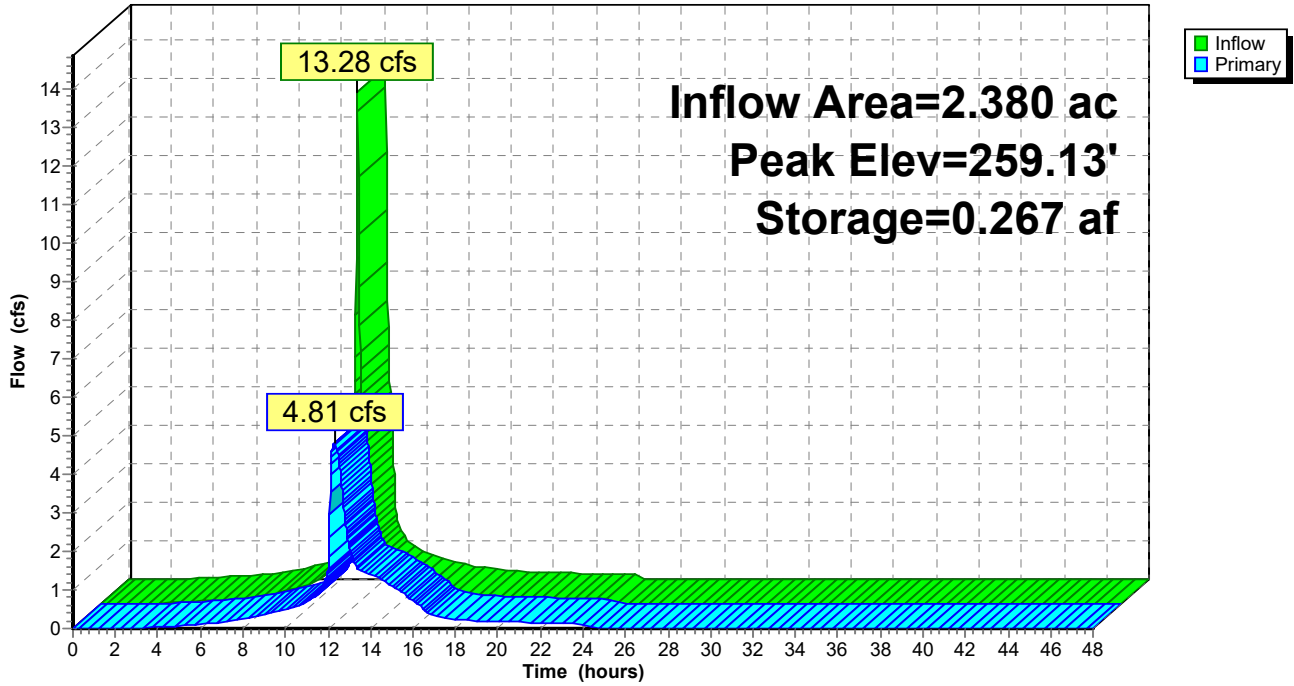
Type III 24-hr 5yr Rainfall=5.70"

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Pond 2-Pond: Pond

Hydrograph



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Type III 24-hr 5yr Rainfall=5.70"

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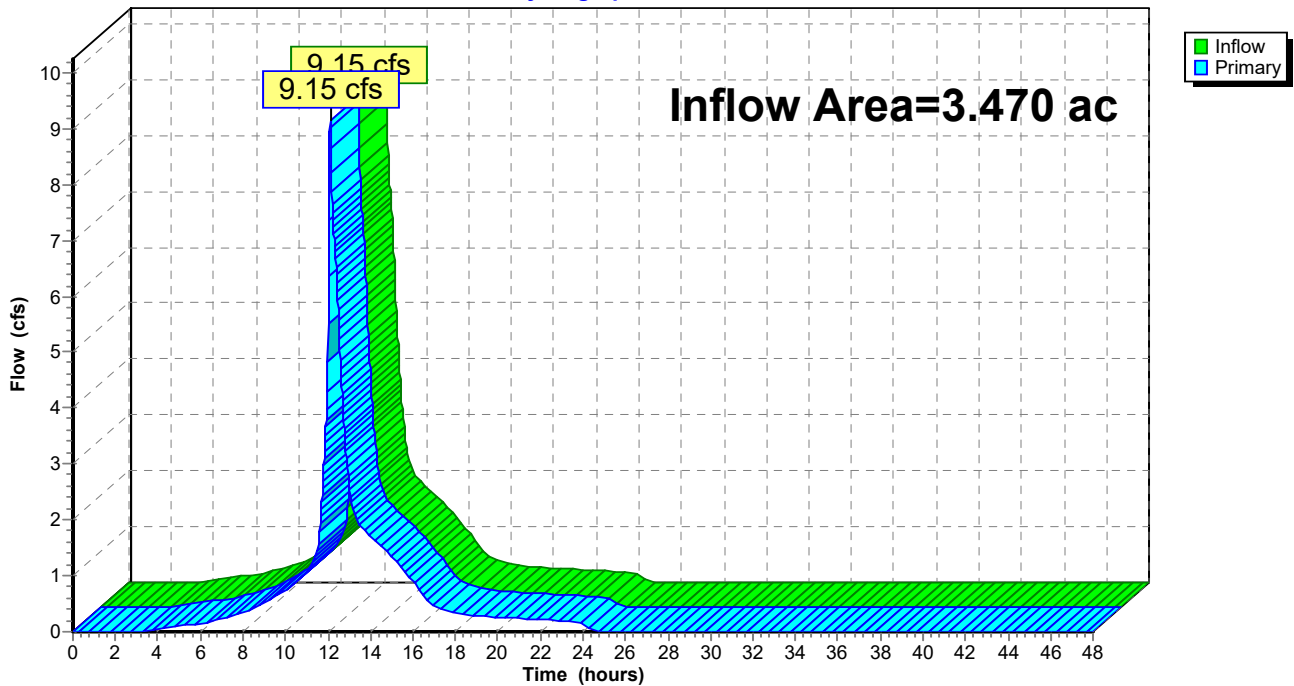
Summary for Link 4L: Post Outfall

Inflow Area = 3.470 ac, 75.22% Impervious, Inflow Depth = 4.96" for 5yr event
Inflow = 9.15 cfs @ 12.10 hrs, Volume= 1.434 af
Primary = 9.15 cfs @ 12.10 hrs, Volume= 1.434 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs

Link 4L: Post Outfall

Hydrograph



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Type III 24-hr 10yr Rainfall=6.70"

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Time span=0.00-48.00 hrs, dt=0.02 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1-Pre: Pre Development Runoff Area=3.470 ac 0.00% Impervious Runoff Depth=4.86"
Flow Length=635' Tc=26.8 min CN=84 Runoff=11.58 cfs 1.404 af

Subcatchment 2-Post: Post-Basin to Pond Runoff Area=2.380 ac 76.05% Impervious Runoff Depth=5.99"
Tc=5.0 min CN=94 Runoff=15.75 cfs 1.188 af

Subcatchment 3-Post: Post By-pass Runoff Area=1.090 ac 73.39% Impervious Runoff Depth=5.87"
Tc=5.0 min CN=93 Runoff=7.15 cfs 0.534 af

Pond 2-Pond: Pond Peak Elev=259.48' Storage=0.320 af Inflow=15.75 cfs 1.188 af
Outflow=5.63 cfs 1.187 af

Link 4L: Post Outfall Inflow=11.53 cfs 1.721 af
Primary=11.53 cfs 1.721 af

Total Runoff Area = 6.940 ac Runoff Volume = 3.126 af Average Runoff Depth = 5.40"
62.39% Pervious = 4.330 ac 37.61% Impervious = 2.610 ac

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Type III 24-hr 10yr Rainfall=6.70"

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Summary for Subcatchment 1-Pre: Pre Development

Runoff = 11.58 cfs @ 12.36 hrs, Volume= 1.404 af, Depth= 4.86"

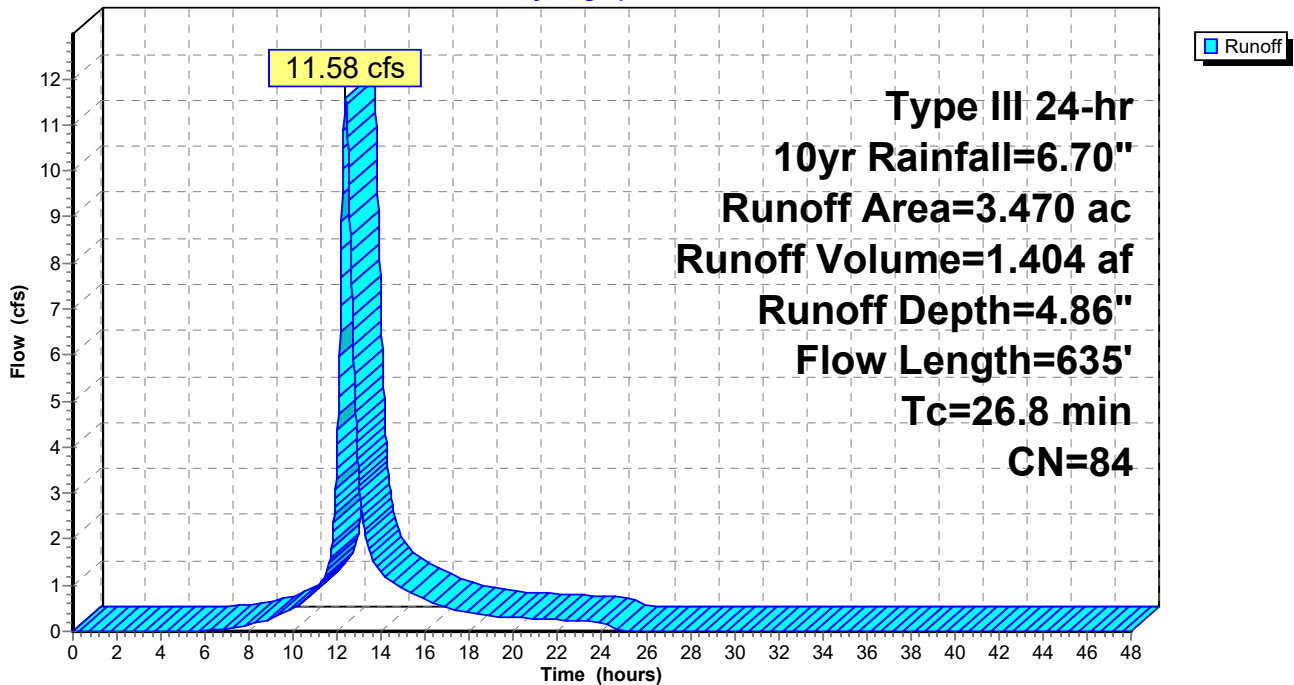
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 10yr Rainfall=6.70"

| Area (ac) | CN | Description |
|-----------|----|--------------------------------------|
| 3.470 | 84 | Pasture/grassland/range, Fair, HSG D |
| 3.470 | | 100.00% Pervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---|
| 6.6 | 65 | 0.0110 | 0.16 | | Sheet Flow, Range n= 0.130 P2= 4.50" |
| 20.2 | 570 | 0.0045 | 0.47 | | Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps |
| 26.8 | 635 | Total | | | |

Subcatchment 1-Pre: Pre Development

Hydrograph



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Type III 24-hr 10yr Rainfall=6.70"

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Summary for Subcatchment 2-Post: Post-Basin to Pond

Runoff = 15.75 cfs @ 12.07 hrs, Volume= 1.188 af, Depth= 5.99"

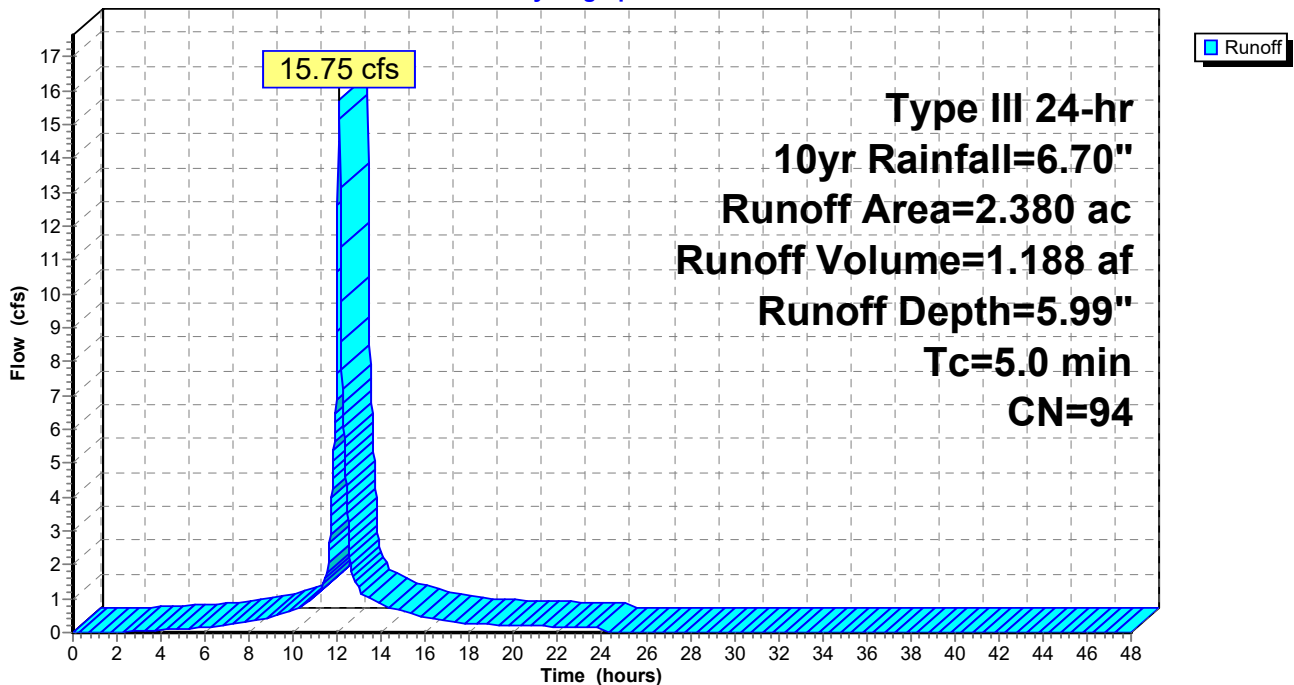
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 10yr Rainfall=6.70"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.570 | 80 | >75% Grass cover, Good, HSG D |
| 1.810 | 98 | Paved parking, HSG D |
| 2.380 | 94 | Weighted Average |
| 0.570 | | 23.95% Pervious Area |
| 1.810 | | 76.05% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 2-Post: Post-Basin to Pond

Hydrograph



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Type III 24-hr 10yr Rainfall=6.70"

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Summary for Subcatchment 3-Post: Post By-pass

Runoff = 7.15 cfs @ 12.07 hrs, Volume= 0.534 af, Depth= 5.87"

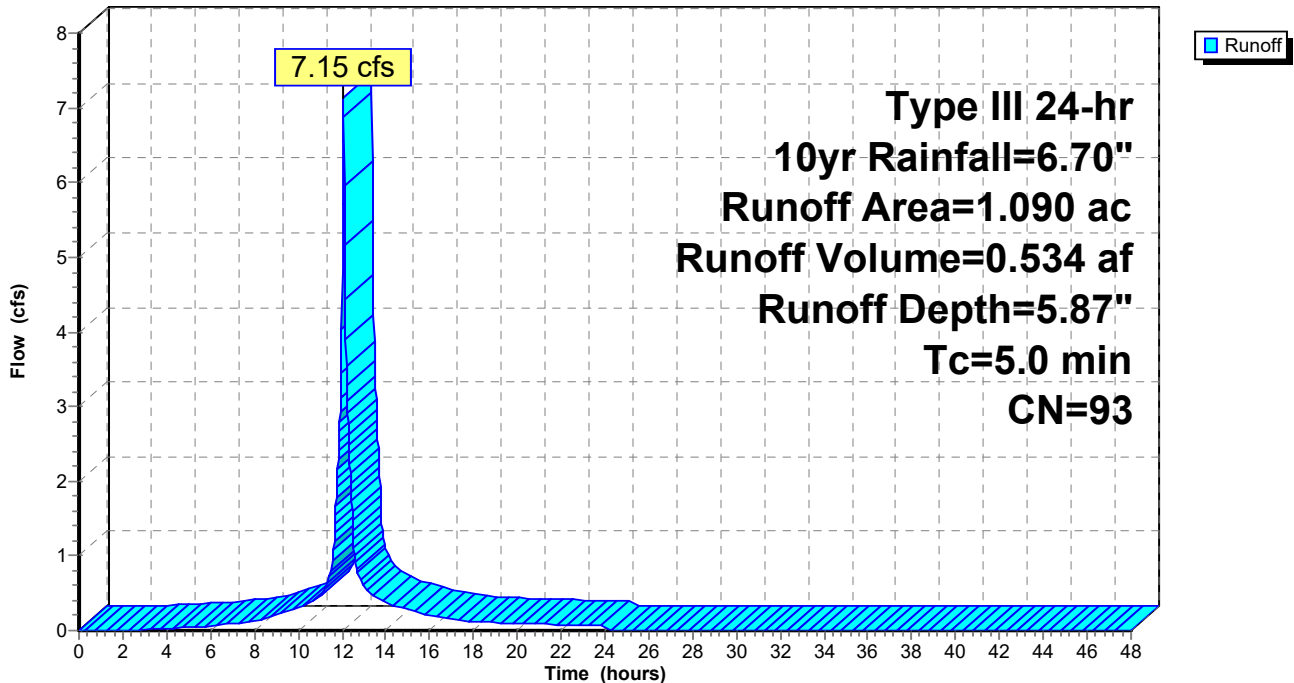
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 10yr Rainfall=6.70"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.290 | 80 | >75% Grass cover, Good, HSG D |
| 0.800 | 98 | Paved parking, HSG D |
| 1.090 | 93 | Weighted Average |
| 0.290 | | 26.61% Pervious Area |
| 0.800 | | 73.39% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 3-Post: Post By-pass

Hydrograph



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Type III 24-hr 10yr Rainfall=6.70"

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Summary for Pond 2-Pond: Pond

Inflow Area = 2.380 ac, 76.05% Impervious, Inflow Depth = 5.99" for 10yr event
 Inflow = 15.75 cfs @ 12.07 hrs, Volume= 1.188 af
 Outflow = 5.63 cfs @ 12.31 hrs, Volume= 1.187 af, Atten= 64%, Lag= 14.3 min
 Primary = 5.63 cfs @ 12.31 hrs, Volume= 1.187 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
 Peak Elev= 259.48' @ 12.31 hrs Surf.Area= 0.164 ac Storage= 0.320 af

Plug-Flow detention time= 39.4 min calculated for 1.187 af (100% of inflow)
 Center-of-Mass det. time= 38.6 min (803.3 - 764.7)

| Volume | Invert | Avail.Storage | Storage Description |
|---------------------|----------------------|--------------------------|--|
| #1 | 255.00' | 0.701 af | Custom Stage Data (Prismatic) Listed below (Recalc) |
| Elevation (feet) | Surf.Area (acres) | Inc.Store (acre-feet) | Cum.Store (acre-feet) |
| 255.00 | 0.001 | 0.000 | 0.000 |
| 256.00 | 0.041 | 0.021 | 0.021 |
| 257.00 | 0.062 | 0.052 | 0.073 |
| 258.00 | 0.086 | 0.074 | 0.146 |
| 259.00 | 0.123 | 0.105 | 0.251 |
| 260.00 | 0.210 | 0.166 | 0.418 |
| 261.00 | 0.356 | 0.283 | 0.701 |

| Device | Routing | Invert | Outlet Devices |
|--------|----------|---------|--|
| #1 | Primary | 255.20' | 15.0" Round Culvert L= 25.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 255.20' / 255.10' S= 0.0040 ' S= 0.0040 ' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf |
| #2 | Device 1 | 255.20' | 6.0" Vert. Orifice/Grate C= 0.600 |
| #3 | Device 1 | 258.00' | 12.0" Vert. Orifice/Grate C= 0.600 |
| #4 | Device 1 | 260.10' | 48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads |
| #5 | Primary | 260.50' | 250.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88 |

Primary OutFlow Max=5.63 cfs @ 12.31 hrs HW=259.48' (Free Discharge)

- 1=Culvert (Passes 5.63 cfs of 13.04 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.90 cfs @ 9.66 fps)
- 3=Orifice/Grate (Orifice Controls 3.74 cfs @ 4.76 fps)
- 4=Orifice/Grate (Controls 0.00 cfs)
- 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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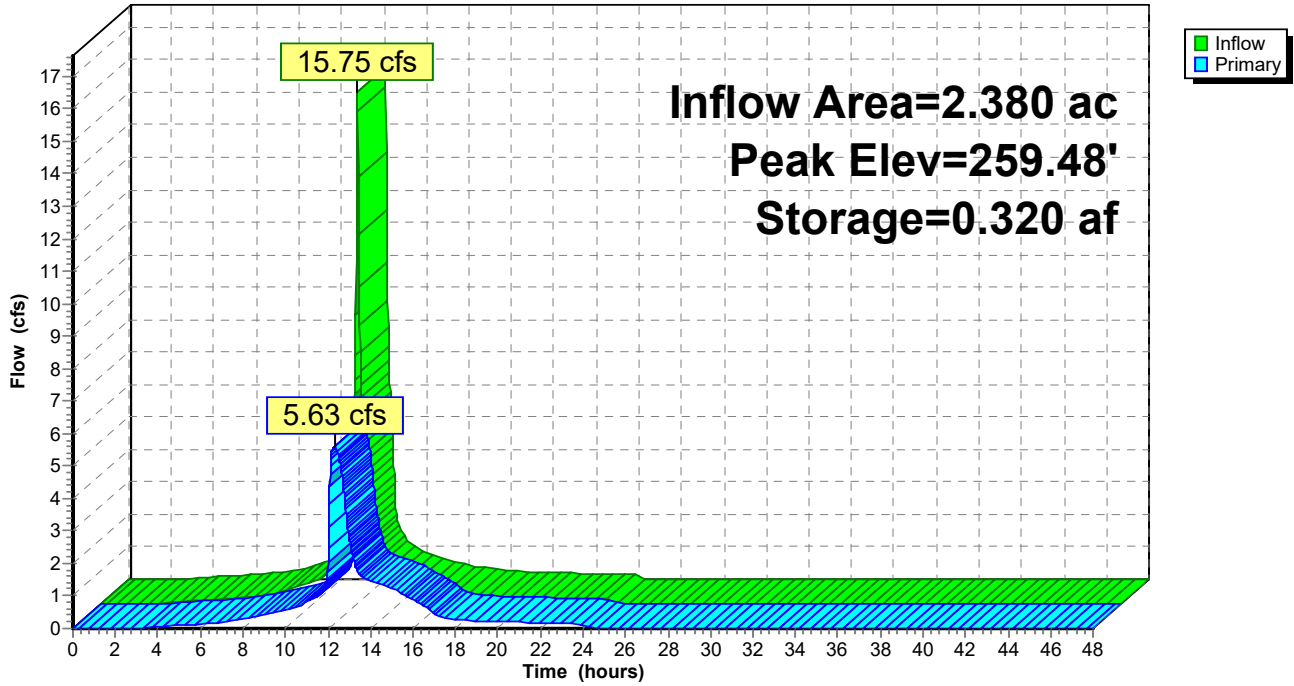
Type III 24-hr 10yr Rainfall=6.70"

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Pond 2-Pond: Pond

Hydrograph



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Type III 24-hr 10yr Rainfall=6.70"

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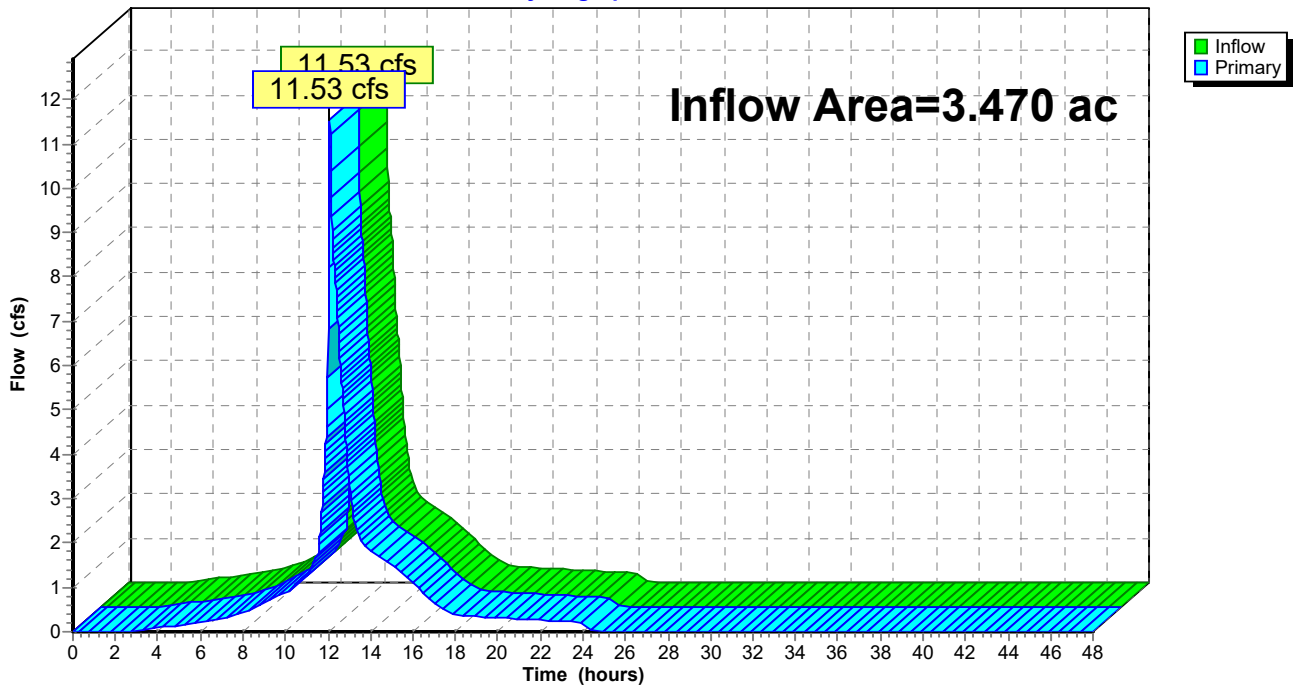
Summary for Link 4L: Post Outfall

Inflow Area = 3.470 ac, 75.22% Impervious, Inflow Depth = 5.95" for 10yr event
Inflow = 11.53 cfs @ 12.09 hrs, Volume= 1.721 af
Primary = 11.53 cfs @ 12.09 hrs, Volume= 1.721 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs

Link 4L: Post Outfall

Hydrograph



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Type III 24-hr 25yr Rainfall=7.70"

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Time span=0.00-48.00 hrs, dt=0.02 hrs, 2401 points
 Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
 Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1-Pre: Pre Development Runoff Area=3.470 ac 0.00% Impervious Runoff Depth=5.81"
 Flow Length=635' Tc=26.8 min CN=84 Runoff=13.76 cfs 1.679 af

Subcatchment 2-Post: Post-Basin to Pond Runoff Area=2.380 ac 76.05% Impervious Runoff Depth=6.98"
 Tc=5.0 min CN=94 Runoff=18.21 cfs 1.385 af

Subcatchment 3-Post: Post By-pass Runoff Area=1.090 ac 73.39% Impervious Runoff Depth=6.87"
 Tc=5.0 min CN=93 Runoff=8.28 cfs 0.624 af

Pond 2-Pond: Pond Peak Elev=259.79' Storage=0.376 af Inflow=18.21 cfs 1.385 af
 Outflow=6.27 cfs 1.384 af

Link 4L: Post Outfall Inflow=13.42 cfs 2.008 af
 Primary=13.42 cfs 2.008 af

Total Runoff Area = 6.940 ac Runoff Volume = 3.688 af Average Runoff Depth = 6.38"
62.39% Pervious = 4.330 ac 37.61% Impervious = 2.610 ac

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Type III 24-hr 25yr Rainfall=7.70"

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Summary for Subcatchment 1-Pre: Pre Development

Runoff = 13.76 cfs @ 12.36 hrs, Volume= 1.679 af, Depth= 5.81"

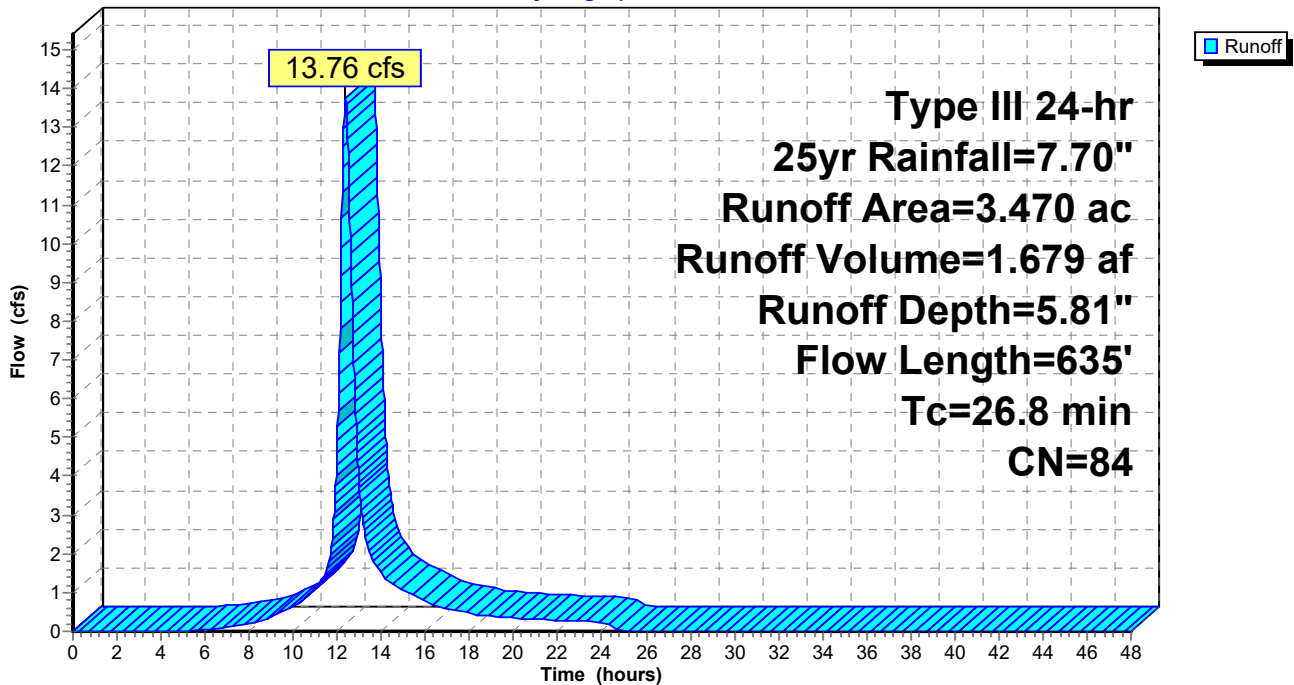
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 25yr Rainfall=7.70"

| Area (ac) | CN | Description |
|-----------|----|--------------------------------------|
| 3.470 | 84 | Pasture/grassland/range, Fair, HSG D |
| 3.470 | | 100.00% Pervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---|
| 6.6 | 65 | 0.0110 | 0.16 | | Sheet Flow, Range n= 0.130 P2= 4.50" |
| 20.2 | 570 | 0.0045 | 0.47 | | Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps |
| 26.8 | 635 | Total | | | |

Subcatchment 1-Pre: Pre Development

Hydrograph



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Type III 24-hr 25yr Rainfall=7.70"

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Summary for Subcatchment 2-Post: Post-Basin to Pond

Runoff = 18.21 cfs @ 12.07 hrs, Volume= 1.385 af, Depth= 6.98"

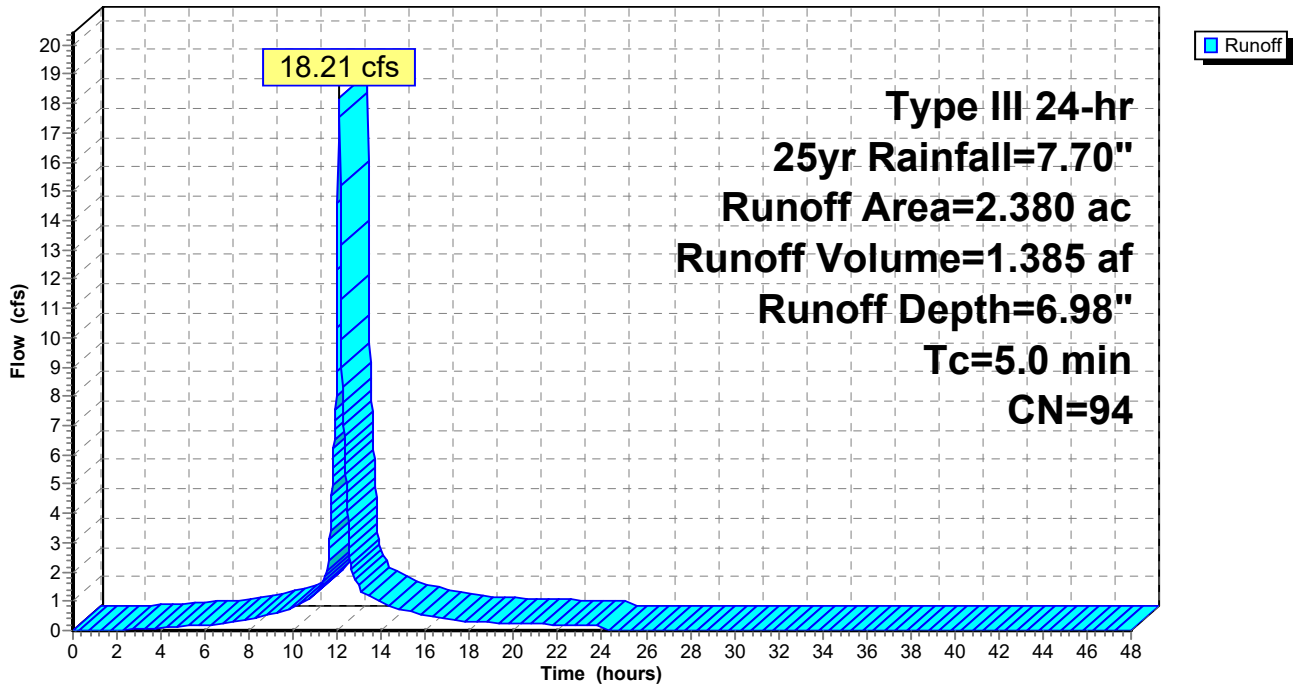
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 25yr Rainfall=7.70"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.570 | 80 | >75% Grass cover, Good, HSG D |
| 1.810 | 98 | Paved parking, HSG D |
| 2.380 | 94 | Weighted Average |
| 0.570 | | 23.95% Pervious Area |
| 1.810 | | 76.05% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 2-Post: Post-Basin to Pond

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Type III 24-hr 25yr Rainfall=7.70"

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Summary for Subcatchment 3-Post: Post By-pass

Runoff = 8.28 cfs @ 12.07 hrs, Volume= 0.624 af, Depth= 6.87"

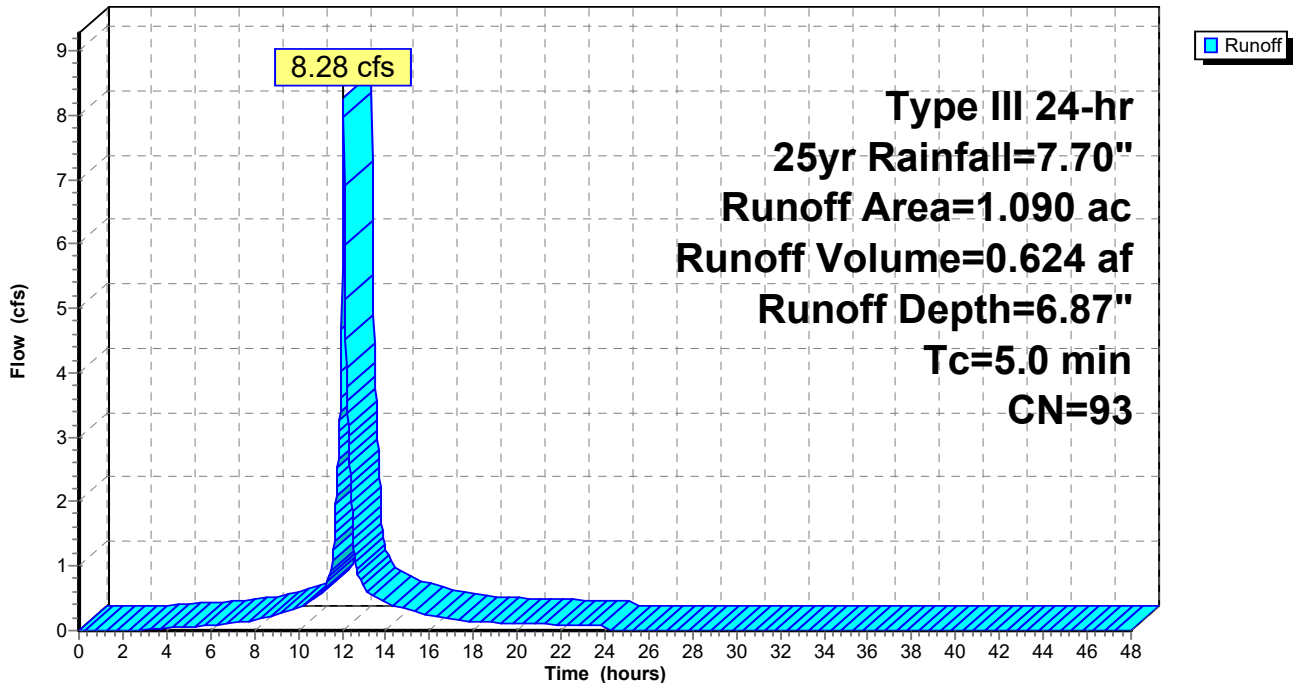
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 25yr Rainfall=7.70"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.290 | 80 | >75% Grass cover, Good, HSG D |
| 0.800 | 98 | Paved parking, HSG D |
| 1.090 | 93 | Weighted Average |
| 0.290 | | 26.61% Pervious Area |
| 0.800 | | 73.39% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 3-Post: Post By-pass

Hydrograph



Bolanos STM

Type III 24-hr 25yr Rainfall=7.70"

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Summary for Pond 2-Pond: Pond

Inflow Area = 2.380 ac, 76.05% Impervious, Inflow Depth = 6.98" for 25yr event
 Inflow = 18.21 cfs @ 12.07 hrs, Volume= 1.385 af
 Outflow = 6.27 cfs @ 12.32 hrs, Volume= 1.384 af, Atten= 66%, Lag= 15.1 min
 Primary = 6.27 cfs @ 12.32 hrs, Volume= 1.384 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
 Peak Elev= 259.79' @ 12.32 hrs Surf.Area= 0.192 ac Storage= 0.376 af

Plug-Flow detention time= 39.7 min calculated for 1.384 af (100% of inflow)
 Center-of-Mass det. time= 39.2 min (800.5 - 761.3)

| Volume | Invert | Avail.Storage | Storage Description |
|---------------------|----------------------|--------------------------|--|
| #1 | 255.00' | 0.701 af | Custom Stage Data (Prismatic) Listed below (Recalc) |
| Elevation (feet) | Surf.Area (acres) | Inc.Store (acre-feet) | Cum.Store (acre-feet) |
| 255.00 | 0.001 | 0.000 | 0.000 |
| 256.00 | 0.041 | 0.021 | 0.021 |
| 257.00 | 0.062 | 0.052 | 0.073 |
| 258.00 | 0.086 | 0.074 | 0.146 |
| 259.00 | 0.123 | 0.105 | 0.251 |
| 260.00 | 0.210 | 0.166 | 0.418 |
| 261.00 | 0.356 | 0.283 | 0.701 |

| Device | Routing | Invert | Outlet Devices |
|--------|----------|---------|--|
| #1 | Primary | 255.20' | 15.0" Round Culvert L= 25.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 255.20' / 255.10' S= 0.0040 ' S Cc= 0.900 n= 0.013, Flow Area= 1.23 sf |
| #2 | Device 1 | 255.20' | 6.0" Vert. Orifice/Grate C= 0.600 |
| #3 | Device 1 | 258.00' | 12.0" Vert. Orifice/Grate C= 0.600 |
| #4 | Device 1 | 260.10' | 48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads |
| #5 | Primary | 260.50' | 250.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88 |

Primary OutFlow Max=6.27 cfs @ 12.32 hrs HW=259.79' (Free Discharge)

- 1=Culvert (Passes 6.27 cfs of 13.68 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 1.97 cfs @ 10.03 fps)
- 3=Orifice/Grate (Orifice Controls 4.30 cfs @ 5.47 fps)
- 4=Orifice/Grate (Controls 0.00 cfs)
- 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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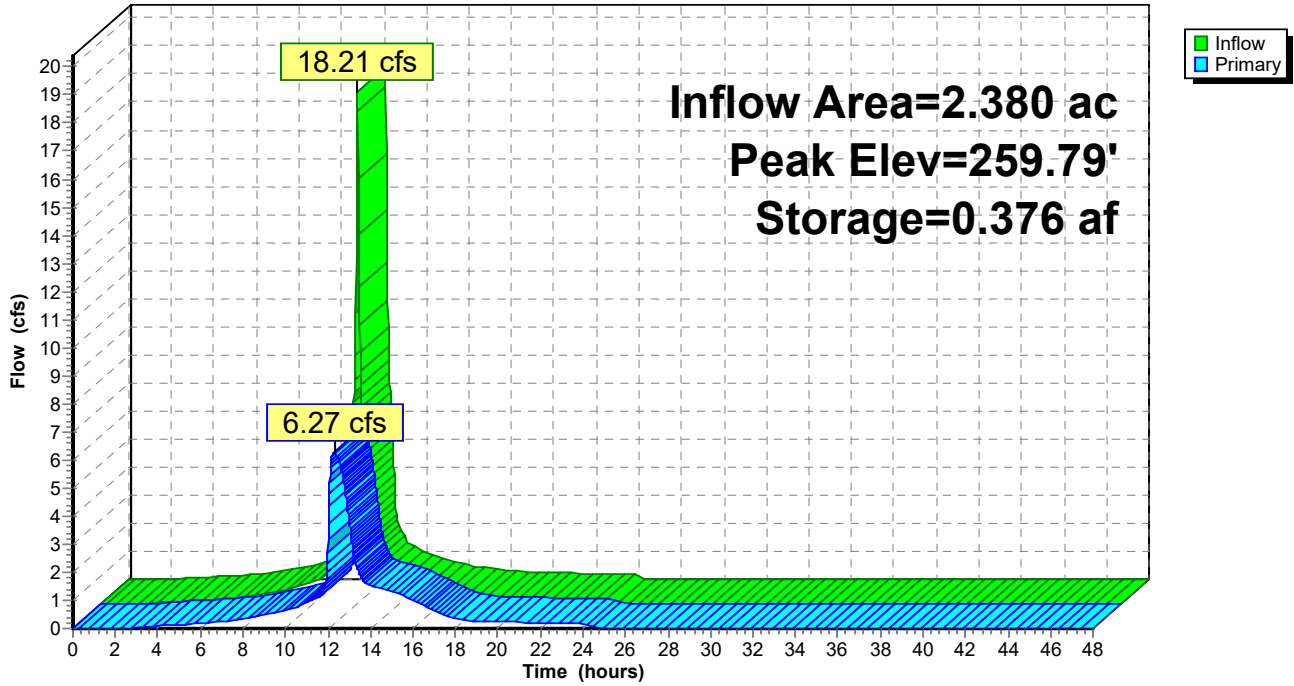
Type III 24-hr 25yr Rainfall=7.70"

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Pond 2-Pond: Pond

Hydrograph



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Type III 24-hr 25yr Rainfall=7.70"

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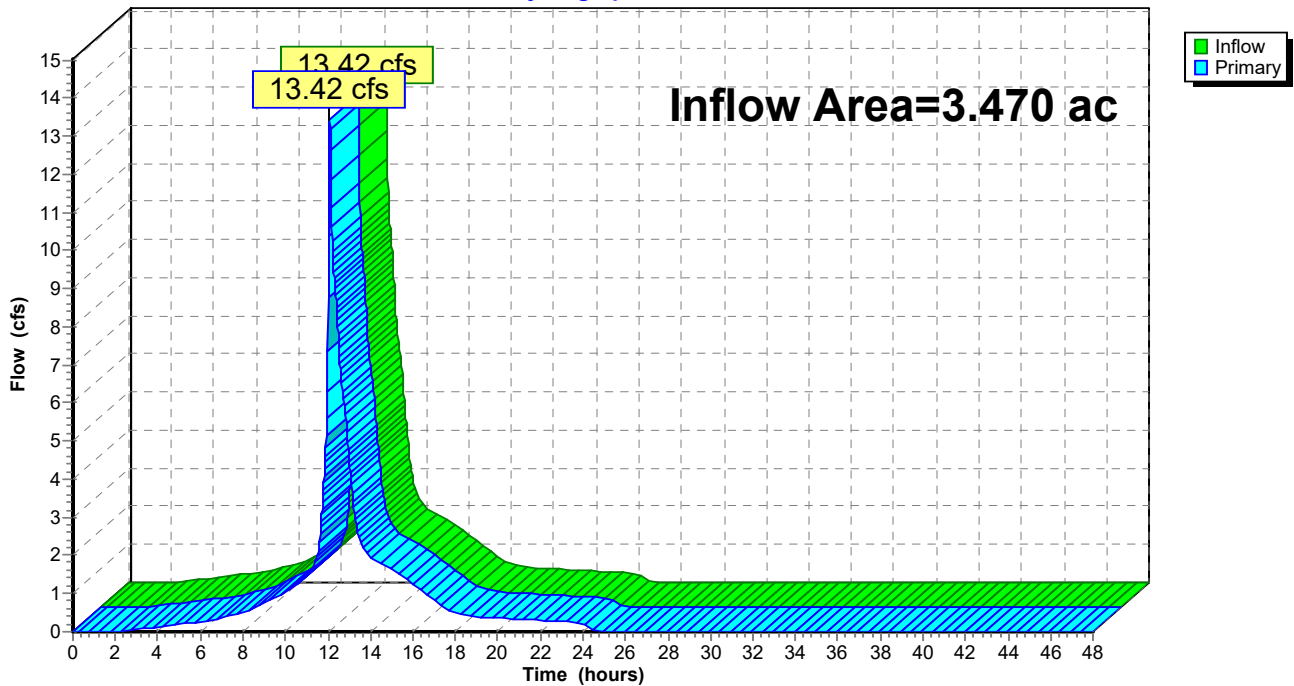
Summary for Link 4L: Post Outfall

Inflow Area = 3.470 ac, 75.22% Impervious, Inflow Depth = 6.94" for 25yr event
Inflow = 13.42 cfs @ 12.08 hrs, Volume= 2.008 af
Primary = 13.42 cfs @ 12.08 hrs, Volume= 2.008 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs

Link 4L: Post Outfall

Hydrograph



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Type III 24-hr 50yr Rainfall=8.60"

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Time span=0.00-48.00 hrs, dt=0.02 hrs, 2401 points
 Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
 Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1-Pre: Pre Development Runoff Area=3.470 ac 0.00% Impervious Runoff Depth=6.67"
 Flow Length=635' Tc=26.8 min CN=84 Runoff=15.71 cfs 1.930 af

Subcatchment 2-Post: Post-Basin to Pond Runoff Area=2.380 ac 76.05% Impervious Runoff Depth=7.88"
 Tc=5.0 min CN=94 Runoff=20.42 cfs 1.563 af

Subcatchment 3-Post: Post By-pass Runoff Area=1.090 ac 73.39% Impervious Runoff Depth=7.76"
 Tc=5.0 min CN=93 Runoff=9.30 cfs 0.705 af

Pond 2-Pond: Pond Peak Elev=260.05' Storage=0.428 af Inflow=20.42 cfs 1.563 af
 Outflow=6.74 cfs 1.562 af

Link 4L: Post Outfall Inflow=14.94 cfs 2.266 af
 Primary=14.94 cfs 2.266 af

Total Runoff Area = 6.940 ac Runoff Volume = 4.197 af Average Runoff Depth = 7.26"
62.39% Pervious = 4.330 ac 37.61% Impervious = 2.610 ac

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Type III 24-hr 50yr Rainfall=8.60"

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Summary for Subcatchment 1-Pre: Pre Development

Runoff = 15.71 cfs @ 12.36 hrs, Volume= 1.930 af, Depth= 6.67"

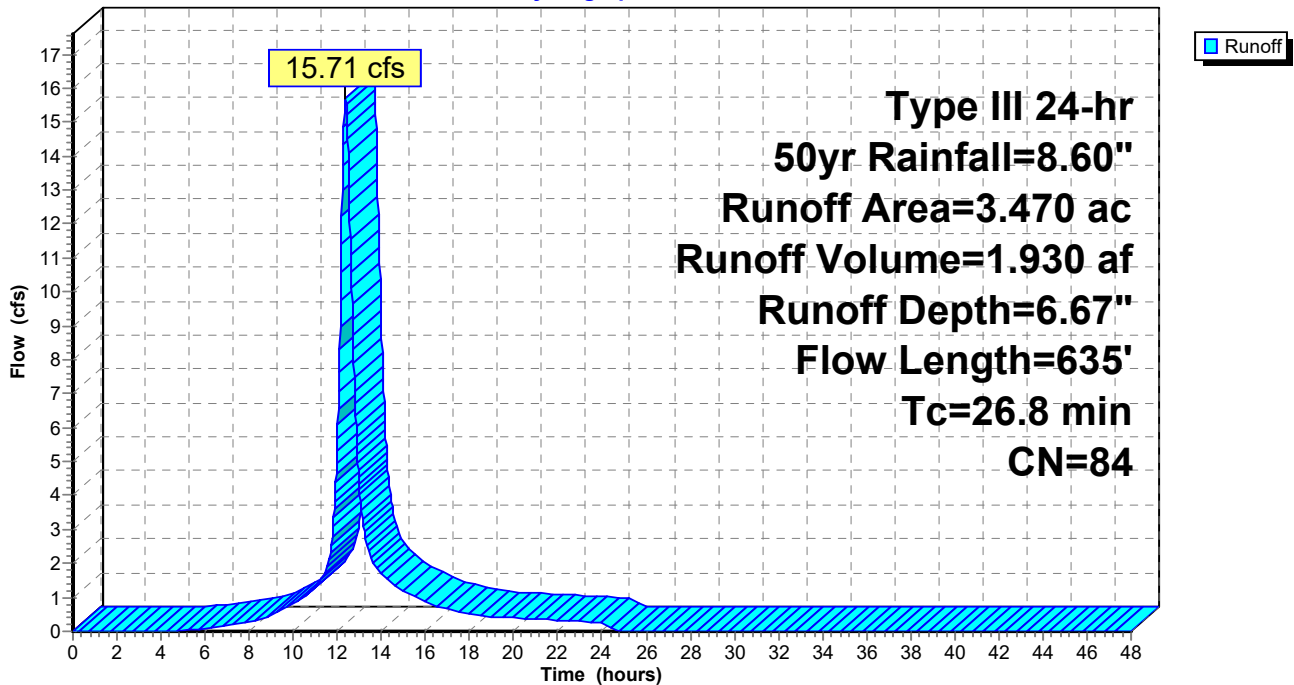
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 50yr Rainfall=8.60"

| Area (ac) | CN | Description |
|-----------|----|--------------------------------------|
| 3.470 | 84 | Pasture/grassland/range, Fair, HSG D |
| 3.470 | | 100.00% Pervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---|
| 6.6 | 65 | 0.0110 | 0.16 | | Sheet Flow, Range n= 0.130 P2= 4.50" |
| 20.2 | 570 | 0.0045 | 0.47 | | Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps |
| 26.8 | 635 | Total | | | |

Subcatchment 1-Pre: Pre Development

Hydrograph



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Type III 24-hr 50yr Rainfall=8.60"

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Summary for Subcatchment 2-Post: Post-Basin to Pond

Runoff = 20.42 cfs @ 12.07 hrs, Volume= 1.563 af, Depth= 7.88"

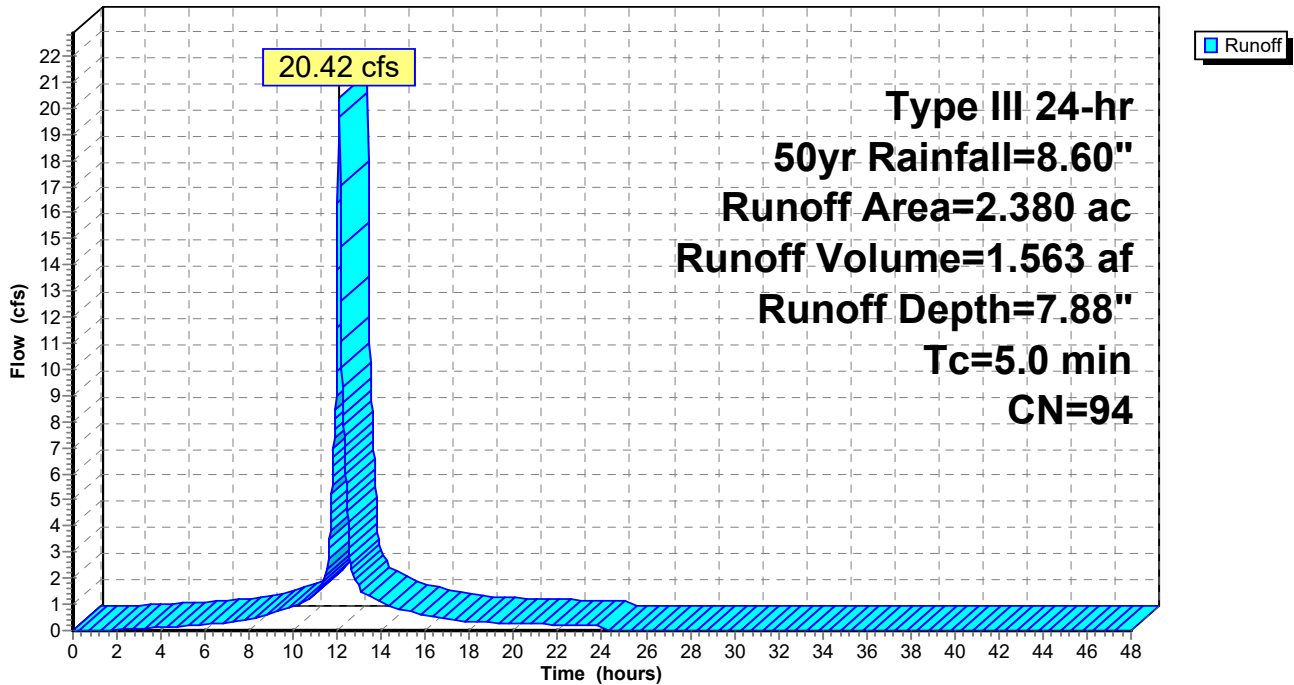
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 50yr Rainfall=8.60"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.570 | 80 | >75% Grass cover, Good, HSG D |
| 1.810 | 98 | Paved parking, HSG D |
| 2.380 | 94 | Weighted Average |
| 0.570 | | 23.95% Pervious Area |
| 1.810 | | 76.05% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 2-Post: Post-Basin to Pond

Hydrograph



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Type III 24-hr 50yr Rainfall=8.60"

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Summary for Subcatchment 3-Post: Post By-pass

Runoff = 9.30 cfs @ 12.07 hrs, Volume= 0.705 af, Depth= 7.76"

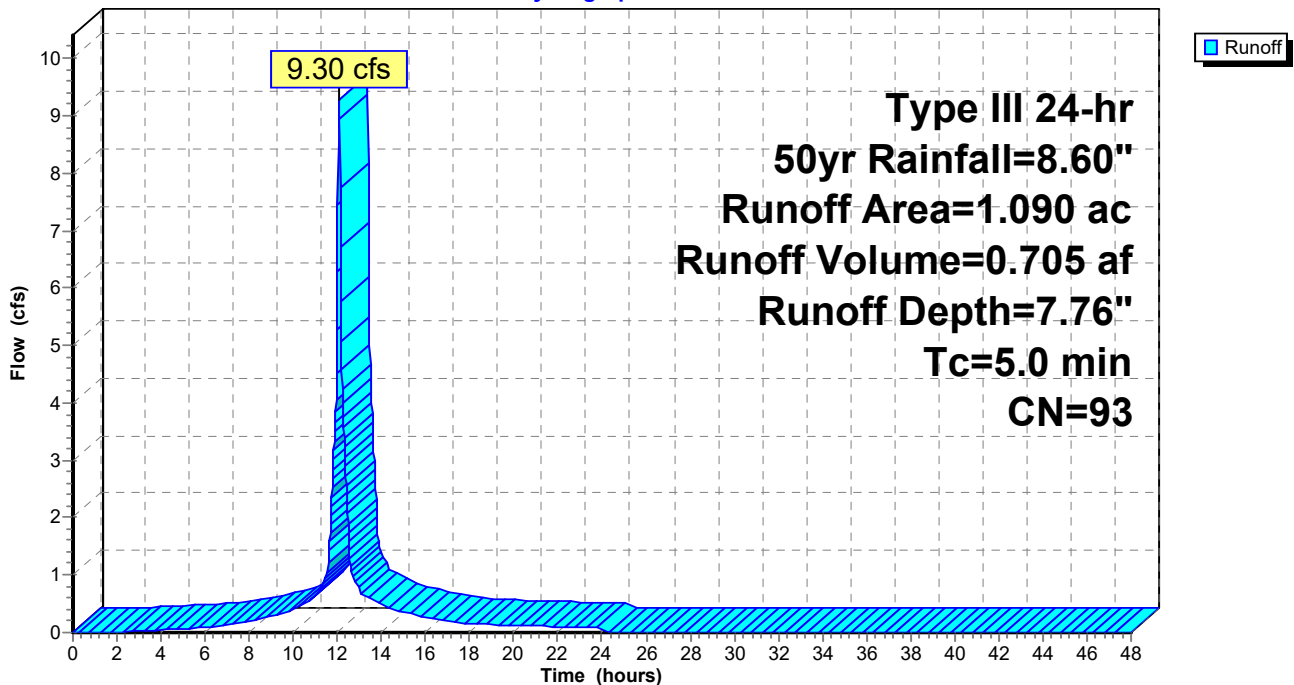
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 50yr Rainfall=8.60"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.290 | 80 | >75% Grass cover, Good, HSG D |
| 0.800 | 98 | Paved parking, HSG D |
| 1.090 | 93 | Weighted Average |
| 0.290 | | 26.61% Pervious Area |
| 0.800 | | 73.39% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 3-Post: Post By-pass

Hydrograph



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Type III 24-hr 50yr Rainfall=8.60"

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Summary for Pond 2-Pond: Pond

Inflow Area = 2.380 ac, 76.05% Impervious, Inflow Depth = 7.88" for 50yr event
 Inflow = 20.42 cfs @ 12.07 hrs, Volume= 1.563 af
 Outflow = 6.74 cfs @ 12.34 hrs, Volume= 1.562 af, Atten= 67%, Lag= 16.0 min
 Primary = 6.74 cfs @ 12.34 hrs, Volume= 1.562 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
 Peak Elev= 260.05' @ 12.34 hrs Surf.Area= 0.217 ac Storage= 0.428 af

Plug-Flow detention time= 40.7 min calculated for 1.562 af (100% of inflow)
 Center-of-Mass det. time= 40.0 min (798.8 - 758.8)

| Volume | Invert | Avail.Storage | Storage Description |
|---------------------|----------------------|--------------------------|--|
| #1 | 255.00' | 0.701 af | Custom Stage Data (Prismatic) Listed below (Recalc) |
| Elevation (feet) | Surf.Area (acres) | Inc.Store (acre-feet) | Cum.Store (acre-feet) |
| 255.00 | 0.001 | 0.000 | 0.000 |
| 256.00 | 0.041 | 0.021 | 0.021 |
| 257.00 | 0.062 | 0.052 | 0.073 |
| 258.00 | 0.086 | 0.074 | 0.146 |
| 259.00 | 0.123 | 0.105 | 0.251 |
| 260.00 | 0.210 | 0.166 | 0.418 |
| 261.00 | 0.356 | 0.283 | 0.701 |

| Device | Routing | Invert | Outlet Devices |
|--------|----------|---------|--|
| #1 | Primary | 255.20' | 15.0" Round Culvert L= 25.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 255.20' / 255.10' S= 0.0040 ' S= 0.0040 ' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf |
| #2 | Device 1 | 255.20' | 6.0" Vert. Orifice/Grate C= 0.600 |
| #3 | Device 1 | 258.00' | 12.0" Vert. Orifice/Grate C= 0.600 |
| #4 | Device 1 | 260.10' | 48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads |
| #5 | Primary | 260.50' | 250.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88 |

Primary OutFlow Max=6.74 cfs @ 12.34 hrs HW=260.05' (Free Discharge)

- 1=Culvert (Passes 6.74 cfs of 14.19 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 2.03 cfs @ 10.33 fps)
- 3=Orifice/Grate (Orifice Controls 4.71 cfs @ 6.00 fps)
- 4=Orifice/Grate (Controls 0.00 cfs)
- 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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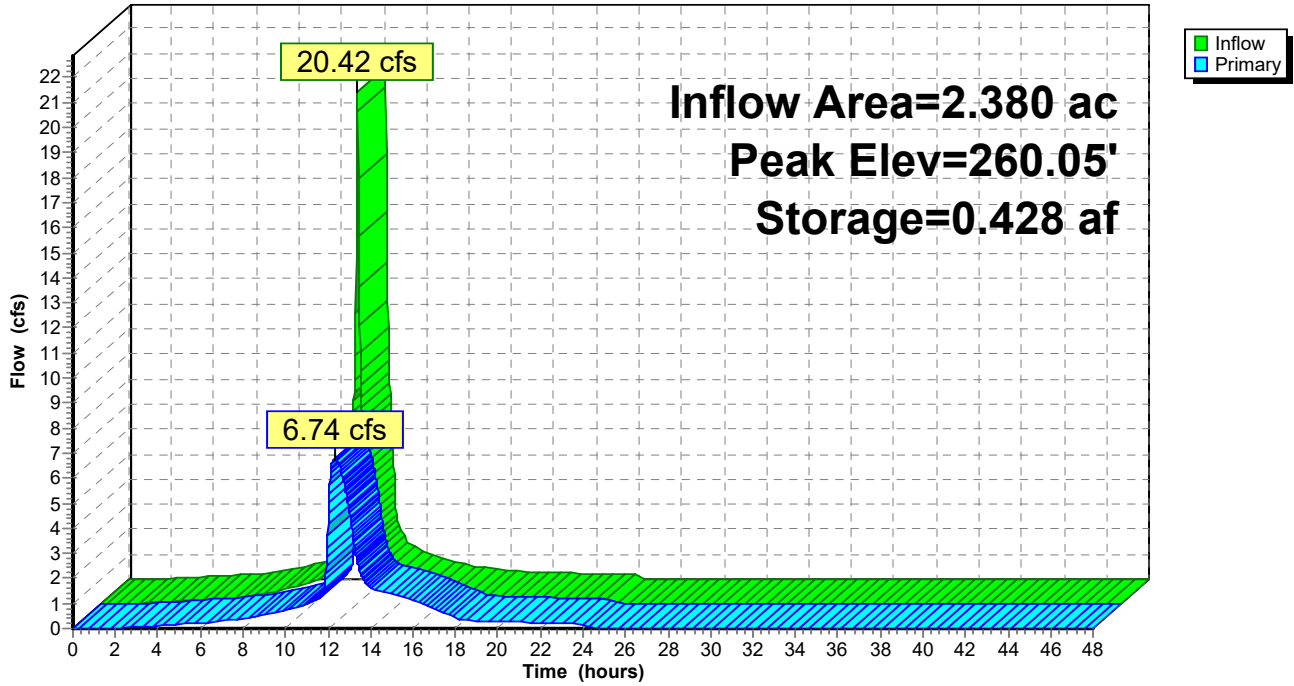
Type III 24-hr 50yr Rainfall=8.60"

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Pond 2-Pond: Pond

Hydrograph



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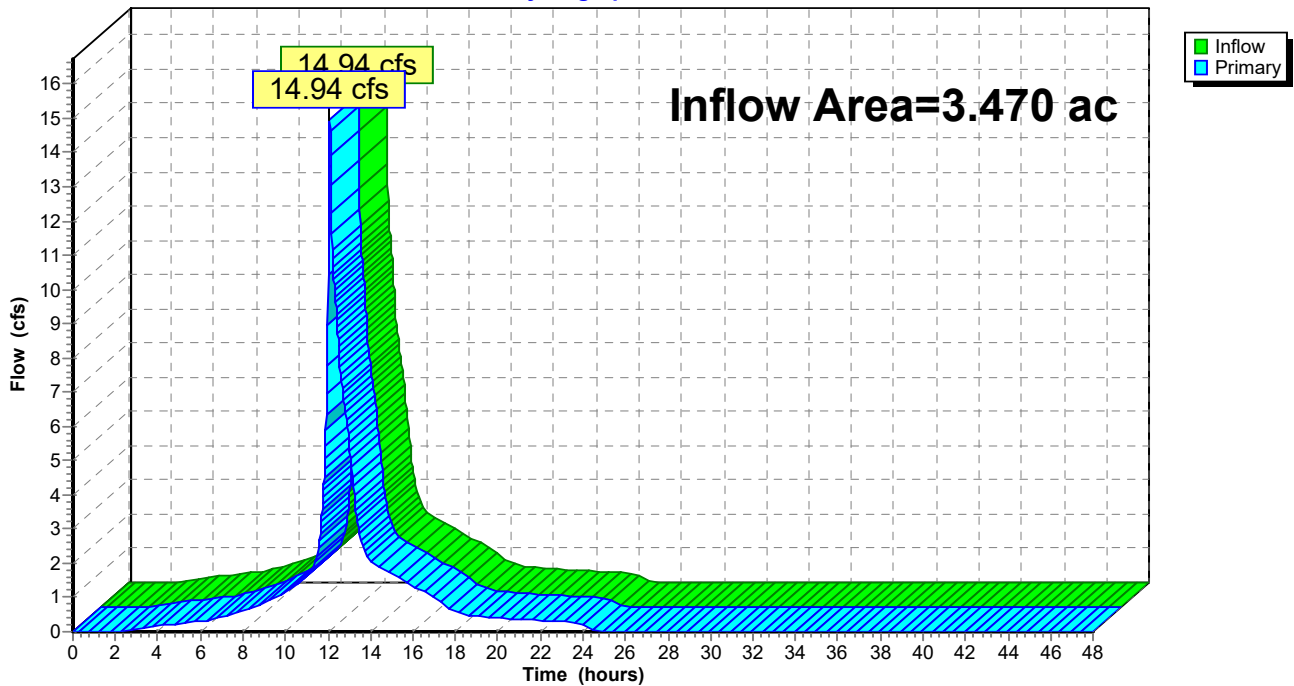
Summary for Link 4L: Post Outfall

Inflow Area = 3.470 ac, 75.22% Impervious, Inflow Depth = 7.84" for 50yr event
Inflow = 14.94 cfs @ 12.08 hrs, Volume= 2.266 af
Primary = 14.94 cfs @ 12.08 hrs, Volume= 2.266 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs

Link 4L: Post Outfall

Hydrograph



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Type III 24-hr 100yr Rainfall=9.40"

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Time span=0.00-48.00 hrs, dt=0.02 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1-Pre: Pre Development Runoff Area=3.470 ac 0.00% Impervious Runoff Depth=7.45"
Flow Length=635' Tc=26.8 min CN=84 Runoff=17.44 cfs 2.153 af

Subcatchment 2-Post: Post-Basin to Pond Runoff Area=2.380 ac 76.05% Impervious Runoff Depth=8.68"
Tc=5.0 min CN=94 Runoff=22.38 cfs 1.721 af

Subcatchment 3-Post: Post By-pass Runoff Area=1.090 ac 73.39% Impervious Runoff Depth=8.55"
Tc=5.0 min CN=93 Runoff=10.20 cfs 0.777 af

Pond 2-Pond: Pond Peak Elev=260.20' Storage=0.462 af Inflow=22.38 cfs 1.721 af
Outflow=8.66 cfs 1.720 af

Link 4L: Post Outfall Inflow=16.22 cfs 2.497 af
Primary=16.22 cfs 2.497 af

Total Runoff Area = 6.940 ac Runoff Volume = 4.651 af Average Runoff Depth = 8.04"
62.39% Pervious = 4.330 ac 37.61% Impervious = 2.610 ac

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Type III 24-hr 100yr Rainfall=9.40"

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Summary for Subcatchment 1-Pre: Pre Development

Runoff = 17.44 cfs @ 12.36 hrs, Volume= 2.153 af, Depth= 7.45"

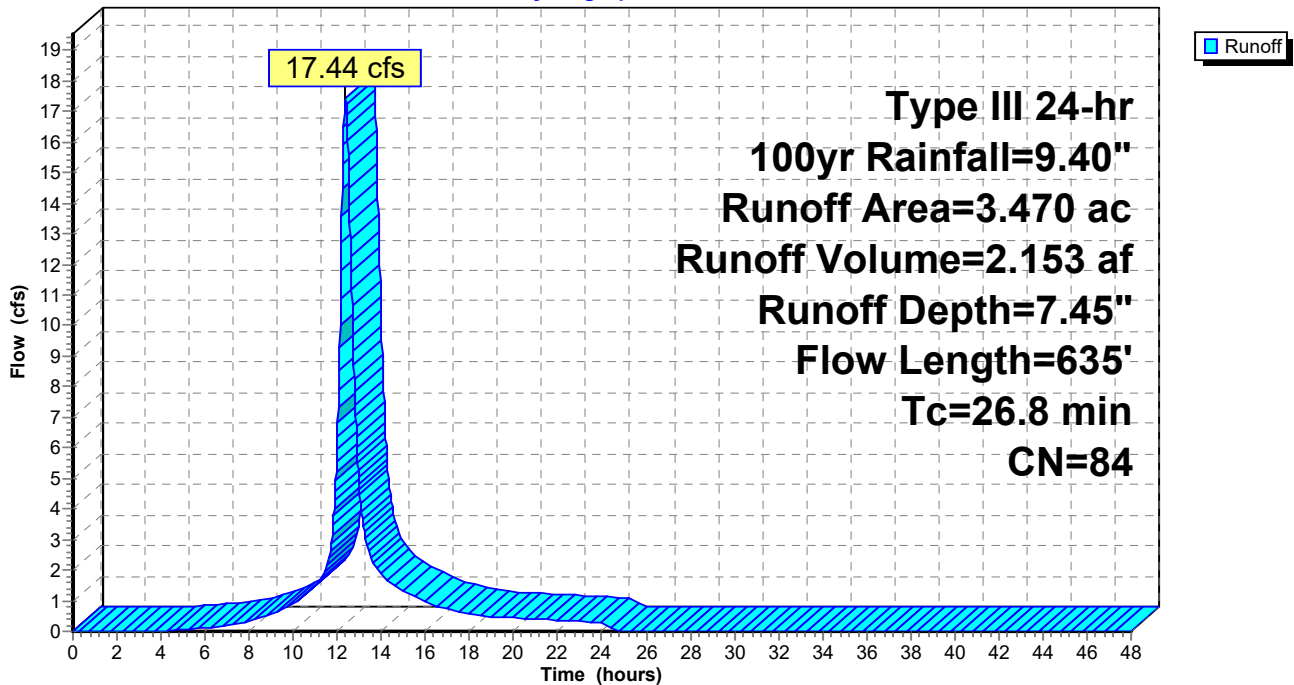
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 100yr Rainfall=9.40"

| Area (ac) | CN | Description |
|-----------|----|--------------------------------------|
| 3.470 | 84 | Pasture/grassland/range, Fair, HSG D |
| 3.470 | | 100.00% Pervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---|
| 6.6 | 65 | 0.0110 | 0.16 | | Sheet Flow, Range n= 0.130 P2= 4.50" |
| 20.2 | 570 | 0.0045 | 0.47 | | Shallow Concentrated Flow, Short Grass Pasture Kv= 7.0 fps |
| 26.8 | 635 | Total | | | |

Subcatchment 1-Pre: Pre Development

Hydrograph



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Type III 24-hr 100yr Rainfall=9.40"

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Summary for Subcatchment 2-Post: Post-Basin to Pond

Runoff = 22.38 cfs @ 12.07 hrs, Volume= 1.721 af, Depth= 8.68"

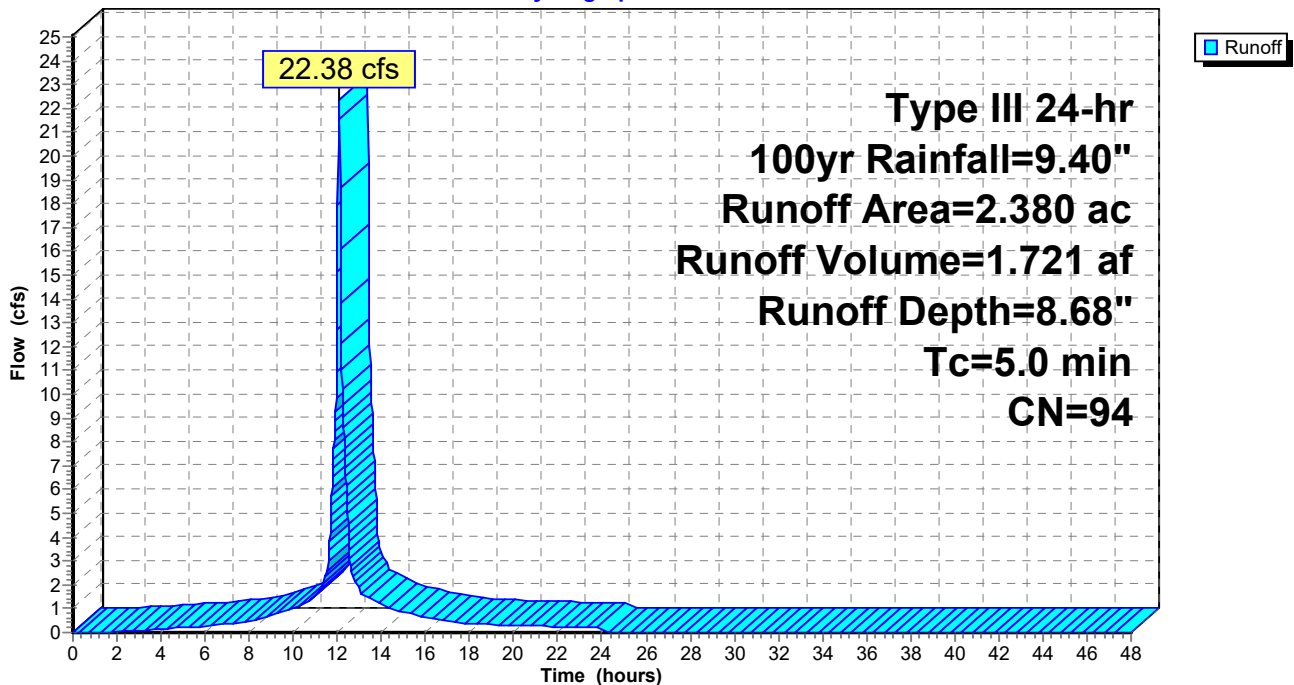
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 100yr Rainfall=9.40"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.570 | 80 | >75% Grass cover, Good, HSG D |
| 1.810 | 98 | Paved parking, HSG D |
| 2.380 | 94 | Weighted Average |
| 0.570 | | 23.95% Pervious Area |
| 1.810 | | 76.05% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 2-Post: Post-Basin to Pond

Hydrograph



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Type III 24-hr 100yr Rainfall=9.40"

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Summary for Subcatchment 3-Post: Post By-pass

Runoff = 10.20 cfs @ 12.07 hrs, Volume= 0.777 af, Depth= 8.55"

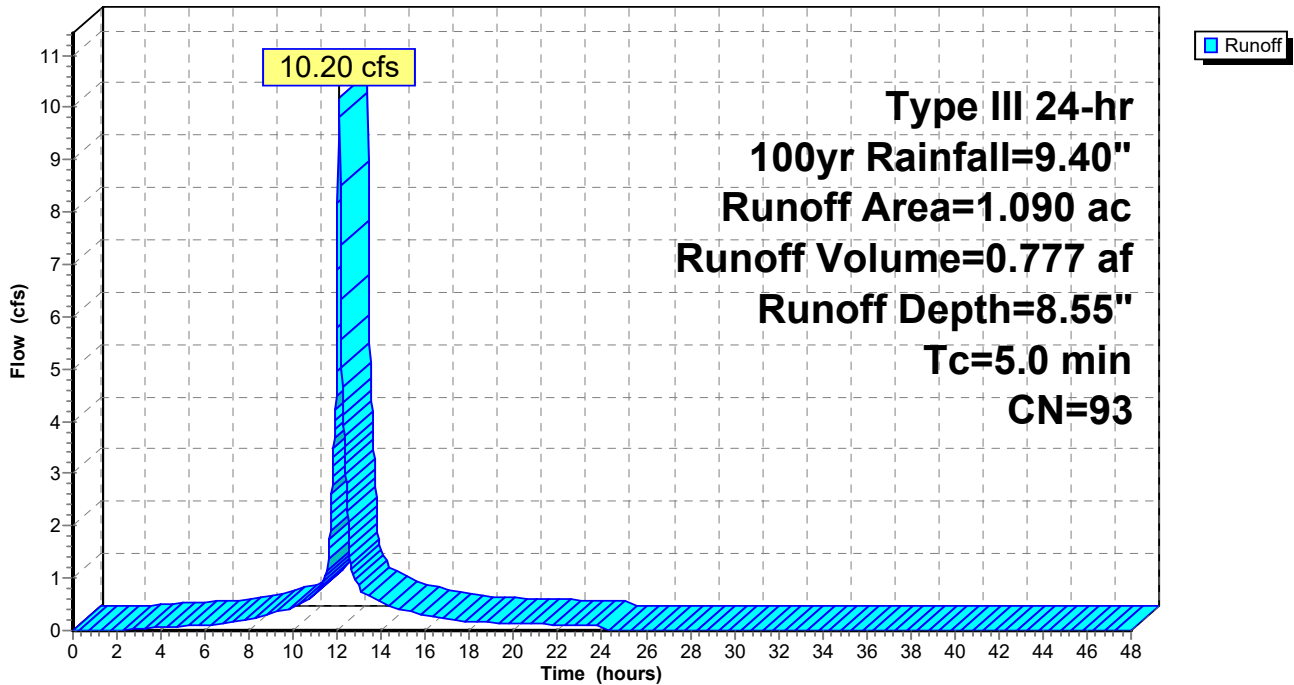
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
Type III 24-hr 100yr Rainfall=9.40"

| Area (ac) | CN | Description |
|-----------|----|-------------------------------|
| 0.290 | 80 | >75% Grass cover, Good, HSG D |
| 0.800 | 98 | Paved parking, HSG D |
| 1.090 | 93 | Weighted Average |
| 0.290 | | 26.61% Pervious Area |
| 0.800 | | 73.39% Impervious Area |

| Tc (min) | Length (feet) | Slope (ft/ft) | Velocity (ft/sec) | Capacity (cfs) | Description |
|----------|---------------|---------------|-------------------|----------------|---------------|
| 5.0 | | | | | Direct Entry, |

Subcatchment 3-Post: Post By-pass

Hydrograph



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Type III 24-hr 100yr Rainfall=9.40"

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Summary for Pond 2-Pond: Pond

Inflow Area = 2.380 ac, 76.05% Impervious, Inflow Depth = 8.68" for 100yr event
 Inflow = 22.38 cfs @ 12.07 hrs, Volume= 1.721 af
 Outflow = 8.66 cfs @ 12.28 hrs, Volume= 1.720 af, Atten= 61%, Lag= 12.4 min
 Primary = 8.66 cfs @ 12.28 hrs, Volume= 1.720 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs
 Peak Elev= 260.20' @ 12.28 hrs Surf.Area= 0.239 ac Storage= 0.462 af

Plug-Flow detention time= 40.4 min calculated for 1.719 af (100% of inflow)
 Center-of-Mass det. time= 40.0 min (796.8 - 756.8)

| Volume | Invert | Avail.Storage | Storage Description |
|---------------------|----------------------|--------------------------|--|
| #1 | 255.00' | 0.701 af | Custom Stage Data (Prismatic) Listed below (Recalc) |
| Elevation (feet) | Surf.Area (acres) | Inc.Store (acre-feet) | Cum.Store (acre-feet) |
| 255.00 | 0.001 | 0.000 | 0.000 |
| 256.00 | 0.041 | 0.021 | 0.021 |
| 257.00 | 0.062 | 0.052 | 0.073 |
| 258.00 | 0.086 | 0.074 | 0.146 |
| 259.00 | 0.123 | 0.105 | 0.251 |
| 260.00 | 0.210 | 0.166 | 0.418 |
| 261.00 | 0.356 | 0.283 | 0.701 |

| Device | Routing | Invert | Outlet Devices |
|--------|----------|---------|--|
| #1 | Primary | 255.20' | 15.0" Round Culvert L= 25.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 255.20' / 255.10' S= 0.0040 ' S Cc= 0.900 n= 0.013, Flow Area= 1.23 sf |
| #2 | Device 1 | 255.20' | 6.0" Vert. Orifice/Grate C= 0.600 |
| #3 | Device 1 | 258.00' | 12.0" Vert. Orifice/Grate C= 0.600 |
| #4 | Device 1 | 260.10' | 48.0" x 48.0" Horiz. Orifice/Grate C= 0.600 Limited to weir flow at low heads |
| #5 | Primary | 260.50' | 250.0' long x 5.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88 |

Primary OutFlow Max=8.60 cfs @ 12.28 hrs HW=260.20' (Free Discharge)

- 1=Culvert (Passes 8.60 cfs of 14.47 cfs potential flow)
- 2=Orifice/Grate (Orifice Controls 2.06 cfs @ 10.49 fps)
- 3=Orifice/Grate (Orifice Controls 4.93 cfs @ 6.27 fps)
- 4=Orifice/Grate (Weir Controls 1.61 cfs @ 1.02 fps)
- 5=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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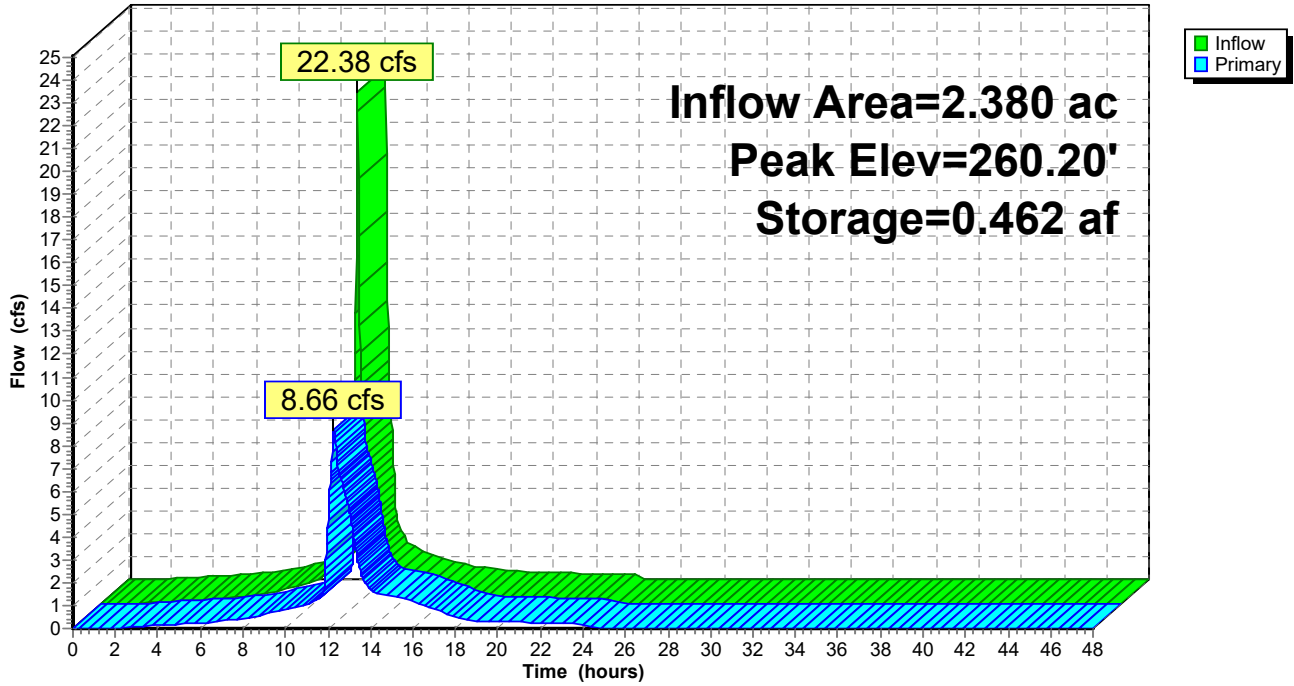
Type III 24-hr 100yr Rainfall=9.40"

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Pond 2-Pond: Pond

Hydrograph



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Type III 24-hr 100yr Rainfall=9.40"

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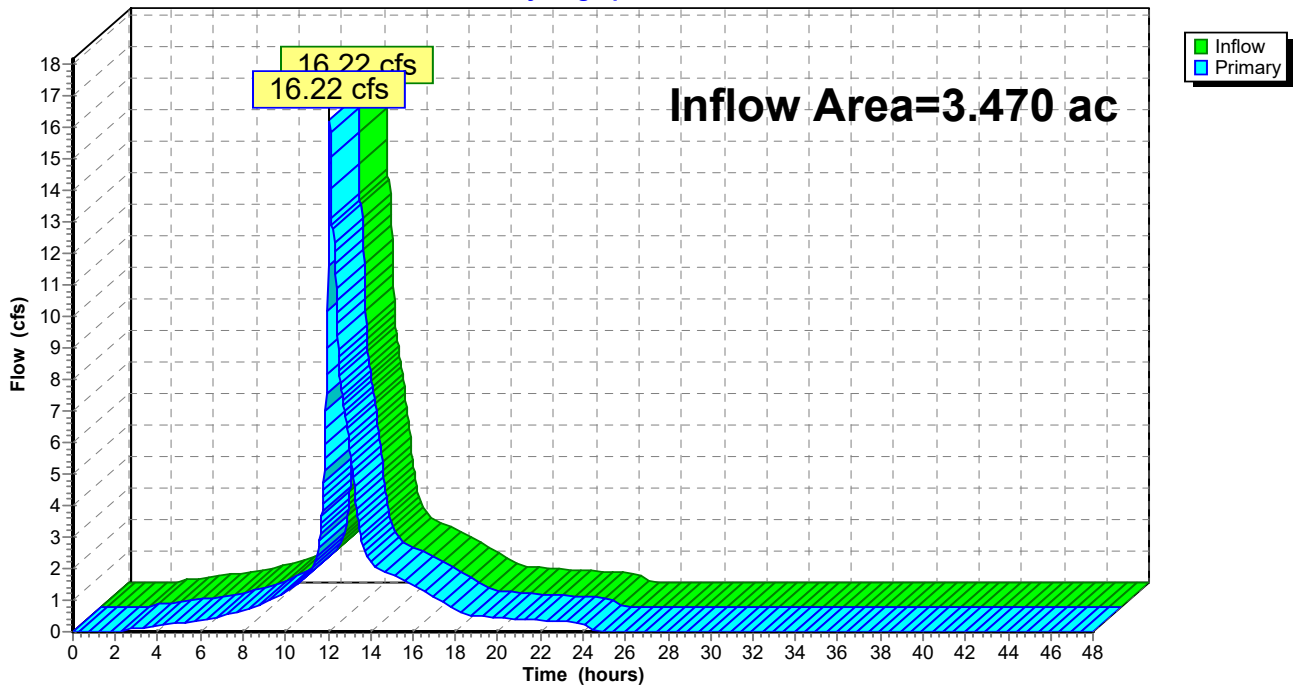
Summary for Link 4L: Post Outfall

Inflow Area = 3.470 ac, 75.22% Impervious, Inflow Depth = 8.63" for 100yr event
Inflow = 16.22 cfs @ 12.08 hrs, Volume= 2.497 af
Primary = 16.22 cfs @ 12.08 hrs, Volume= 2.497 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.02 hrs

Link 4L: Post Outfall

Hydrograph



City of Gluckstadt

Application for Site Plan Review

Subject Property Address: Church Rd,
Parcel #: 082E-15-001 / 04.02

Owner: TICO Investments
Address: Danny Bolanos

Applicant: David Wealdridge
Address: 464 Church Rd
Suite 700 Madison

Phone #: 601-559-8161
E-Mail: dbola14@gmail.com

Phone #: 601-209-8665
E-Mail: wealdridgearchitecture@yahoo.com

Current Zoning District: C-2
Acreage of Property (If applicable): 3.47 ac
Use sought of Property: Retail / Recreation

Requirements of Applicant:

1. Copy of written legal description.
2. Site Plan as required in Section 807-810
3. Color Rendering & Elevations at time of submittal

Requirements for Site Plan Submittal (Section 808, Zoning Ordinance)

Nine (9) copies of the site plan shall be prepared and submitted to the Zoning Administrator. Digital copies are acceptable. Three (3) hard copies are required.

Site Plan Specifications (Section 809, Zoning Ordinance)

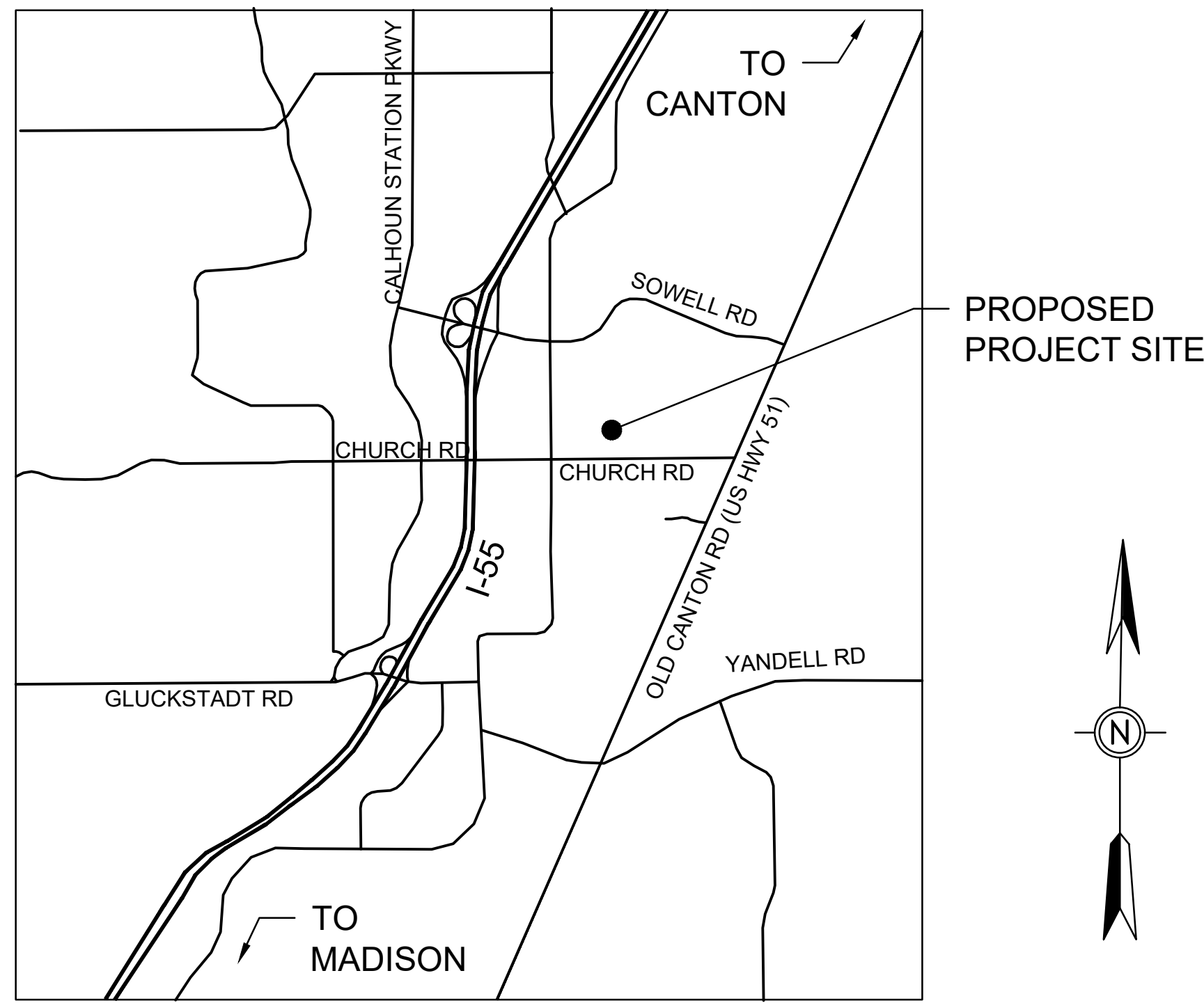
- A. Lot Lines (property lines)
- B. Zoning of the adjacent lots
- C. The names of owners of adjacent lots
- D. Rights of way existing and proposed streets, including streets shown on the adopted Throughfares plan
- E. Access ways, curb cuts, driveways, and parking, including number of parking spaces to be provided
- F. All existing and proposed easements
- G. All existing and proposed water and sewer lines. Also, the location of all existing and proposed fire hydrants.
- H. Drainage plan showing existing and proposed storm drainage facilities. The drainage plan shall indicate adjacent off site drainage courses and projected storm water flow rates from off-site and on-site sources.
- I. Contours at vertical intervals of five (5) feet or less.
- J. Floodplain designation, according to FEMA Maps.
- K. Landscaped areas and planting screens.

MAGNOLIA COMMONS

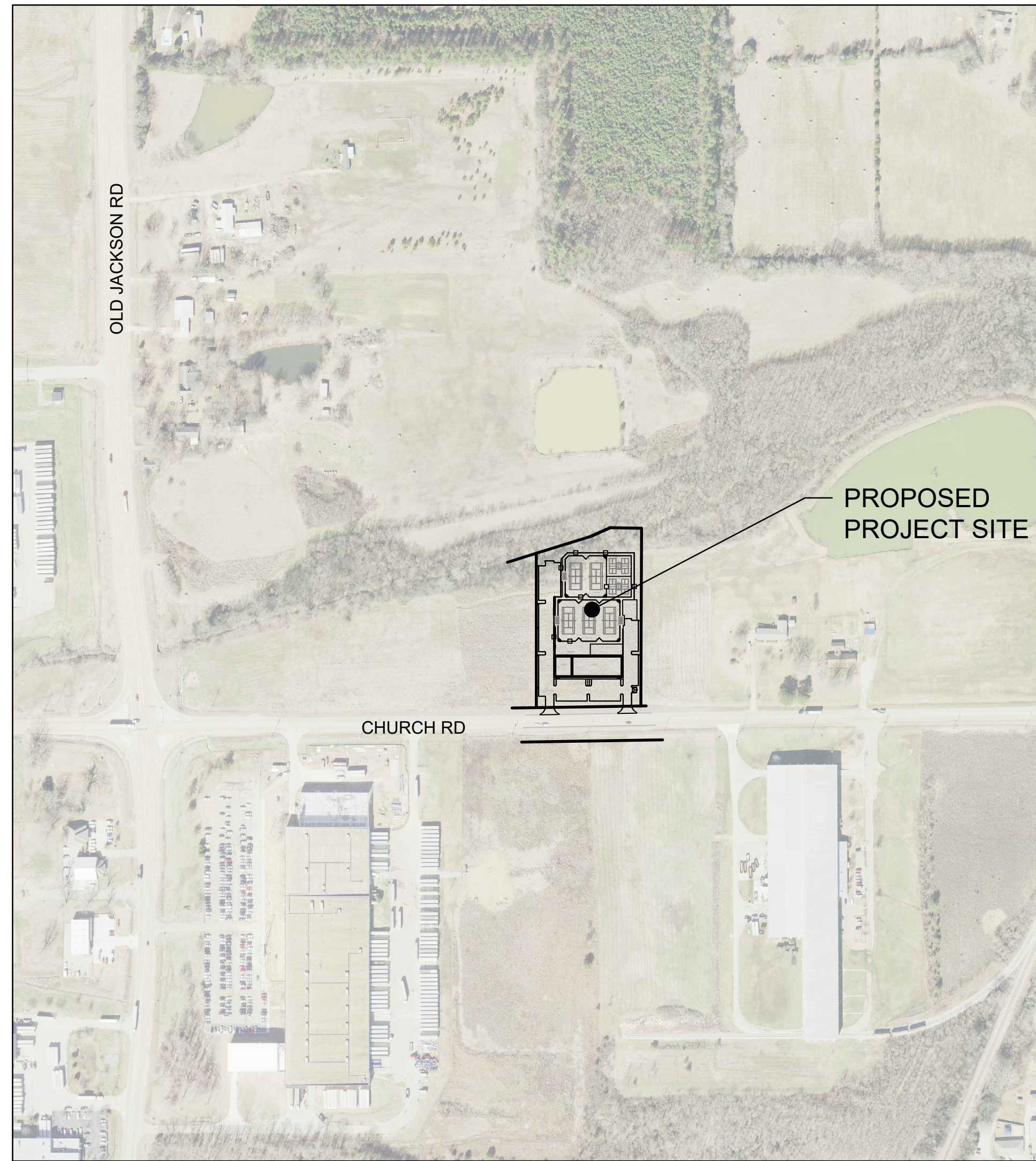
A PROPOSED COMMERCIAL SITE DEVELOPMENT

CHURCH ROAD

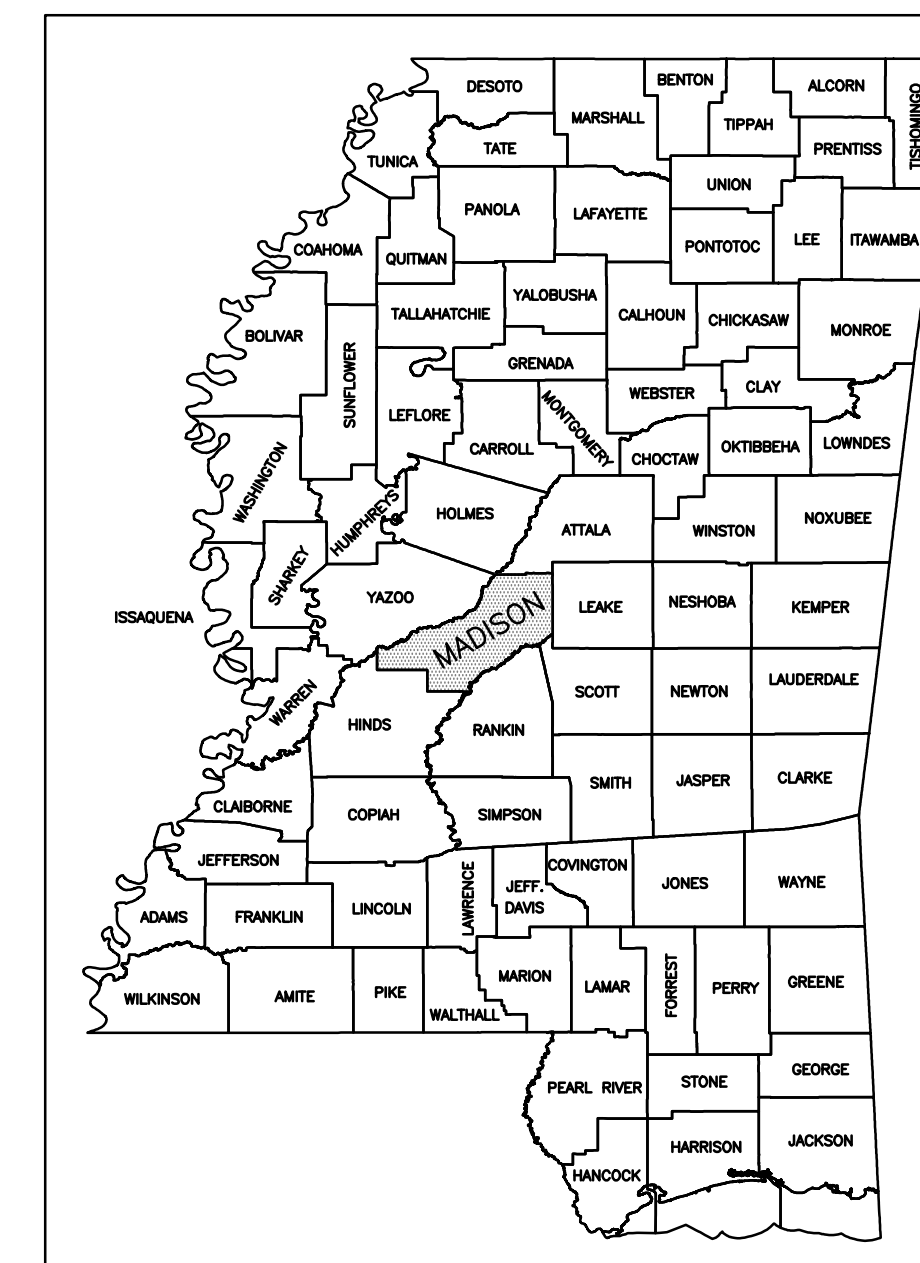
GLUCKSTADT, MS 39110



CITY LOCATION
SCALE: NONE



STREET LOCATION
SCALE: 1"=300'



STATE LOCATION
(MADISON COUNTY)

- TABLE OF CONTENTS**
1. COVER
 2. EXISTING CONDITIONS & DEMO PLAN
 3. SITE PLAN
 4. UTILITY PLAN
 5. GRADING PLAN
 6. EROSION CONTROL PLAN (SWPPP)
 7. SITE DETAILS
 8. UTILITY DETAILS
 9. PUMP STATION DETAILS

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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HOURS LANE,
MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS
SHEET TITLE: COVER
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
1

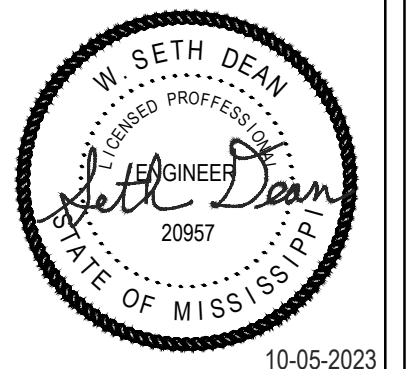
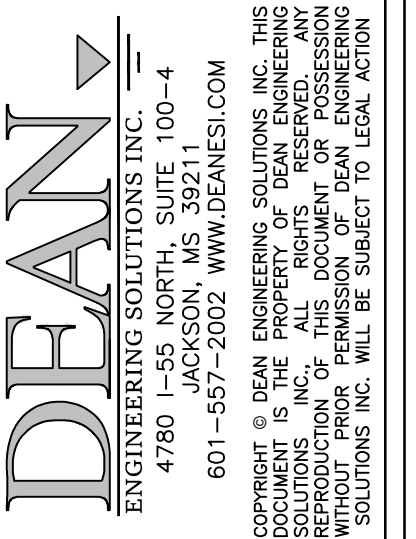


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SURVEY NOTES:

- EXISTING SURVEY INFORMATION SHOWN THIS SHEET PROVIDED BY: RICHARD T. TOLBERT. PLS. 100 OLD ORCHARD RD, MADISON, MS 39110. DATE OF SURVEY: 2022-05-07
- LOCATION OF UNDERGROUND UTILITIES & STRUCTURES OF ANY TYPE MAY NOT BE COMPLETE OR EXACT. FOR MORE POSITIVE LOCATIONS CONTACT MISSISSIPPI ONE CALL SYSTEM INC. (TELEPHONE NO. 811) OR OTHER LOCAL AUTHORITIES TO LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION. ALL NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW AND APPROVAL BY ENGINEER PRIOR TO CONSTRUCTION. THIS PLAN IS DIAGRAMMATIC AND REPRESENTS THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED.



10-05-2023

| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

DRAWING ISSUED

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

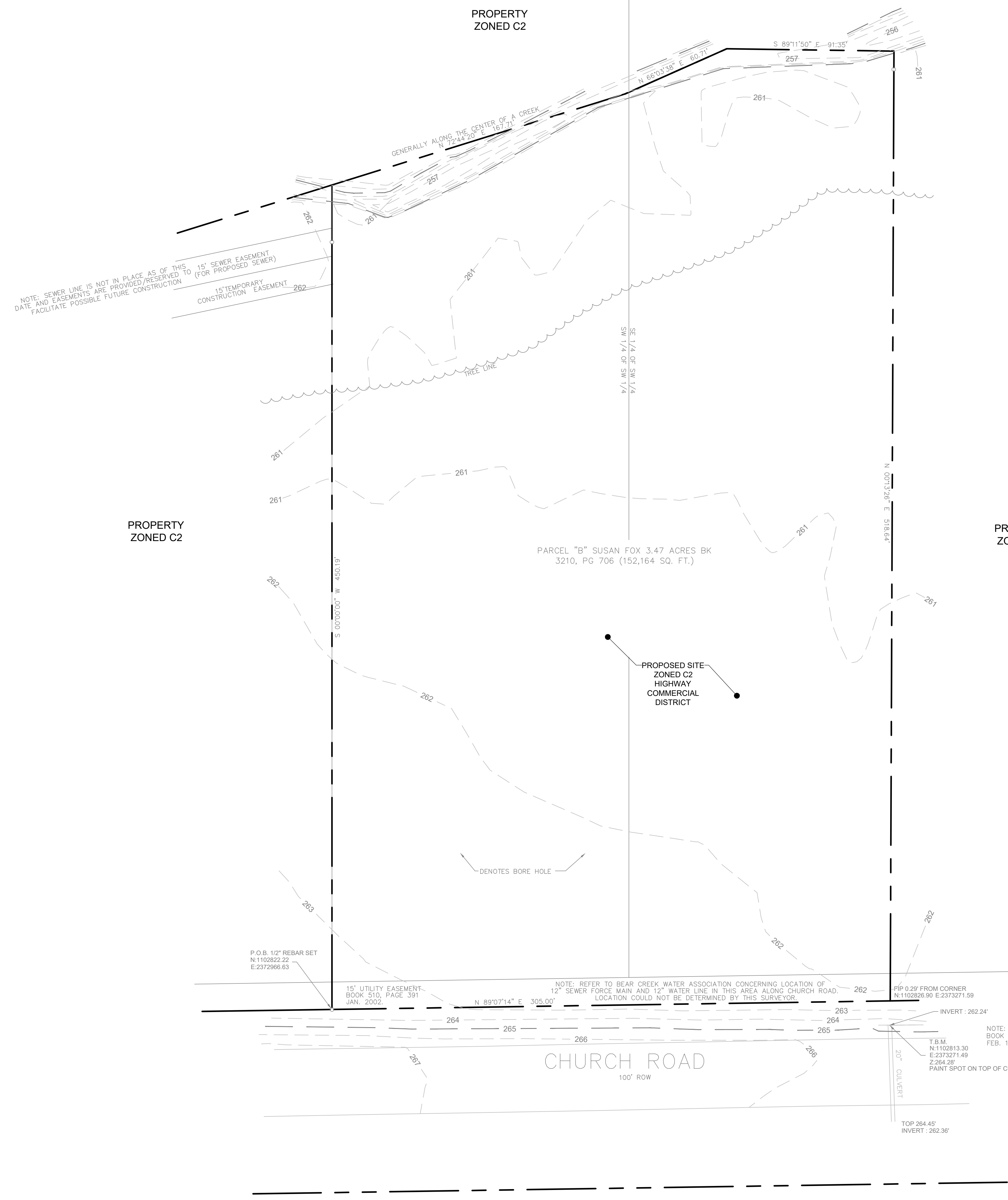
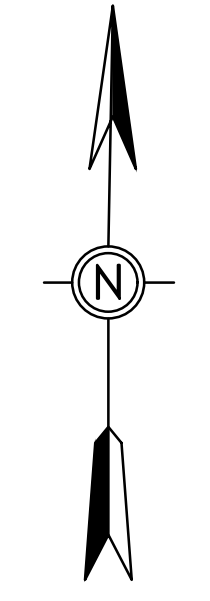
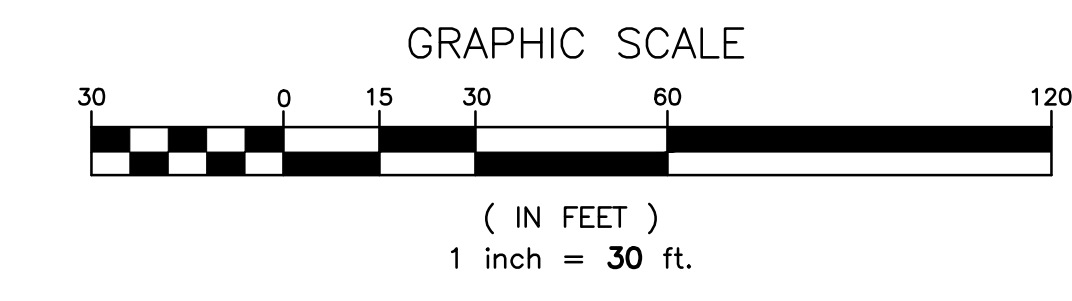
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SHEET TITLE:
EXISTING CONDITIONS & DEMO PLAN
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
2

DRAWING SYMBOL LEGEND

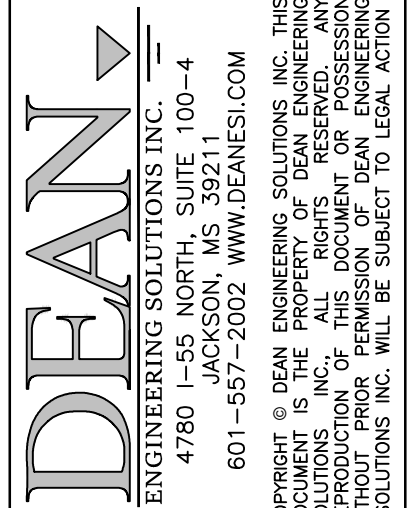
| EXISTING | DESCRIPTION |
|----------|---------------------|
| — SS — | SANITARY SEWER LINE |
| — W — | WATER LINE |
| — STM — | STORM LINE |
| — — — — | PROPERTY LINE |
| — 400 — | MAJOR CONTOUR LINE |
| — -401 - | MINOR CONTOUR LINE |



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Know what's below
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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
SITE PLAN
SITE DEVELOPMENT

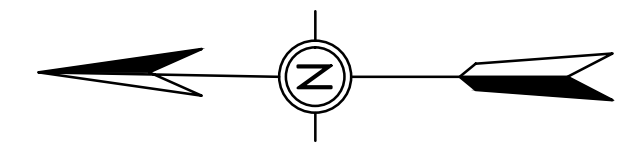
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DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
3

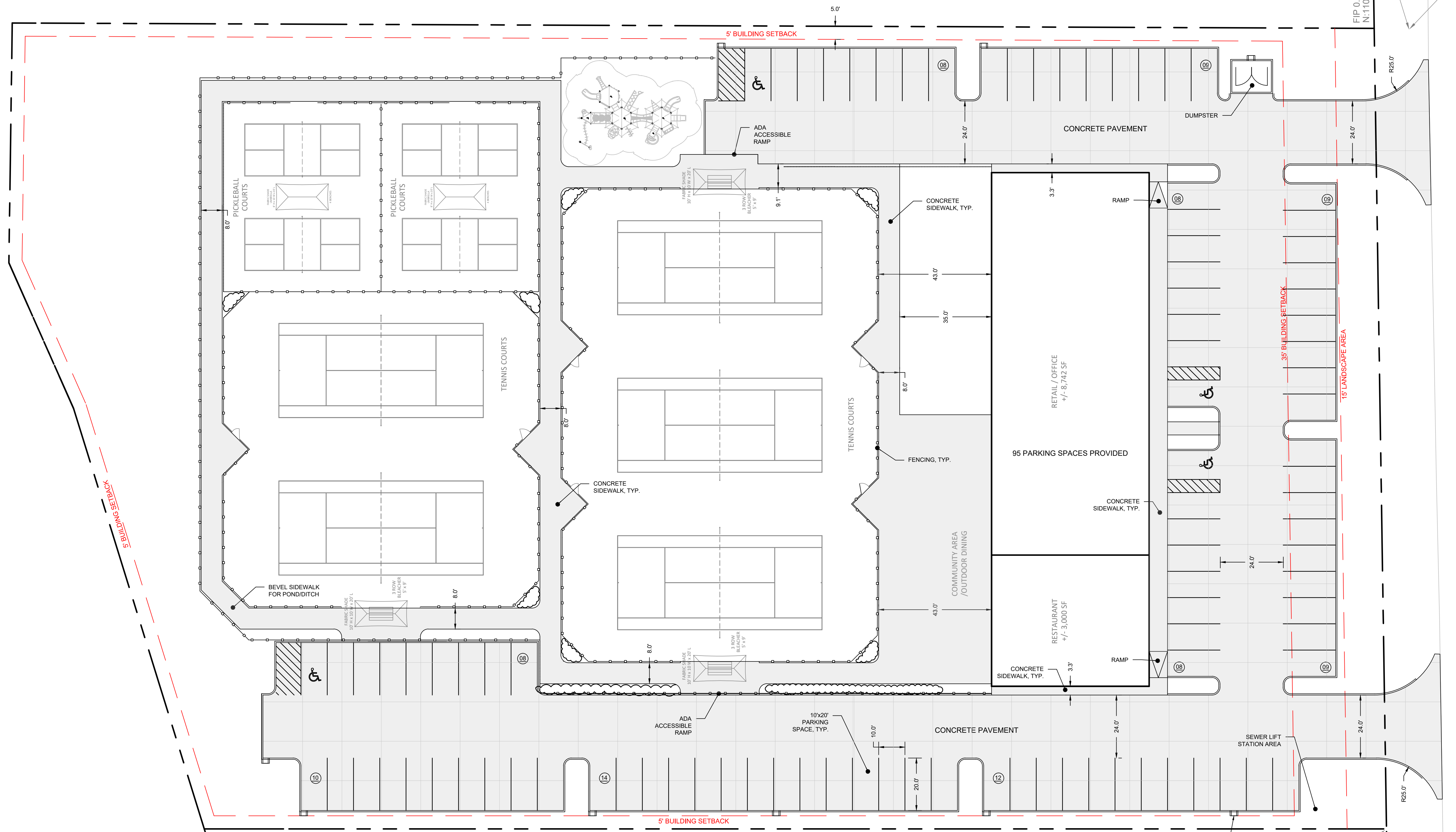
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.



PROPOSED GROSS LOT COVERAGE OF BUILDINGS AND STRUCTURES
BUILDING SIZE: 11,742 SF TOTAL (EACH SINGLE STORY)



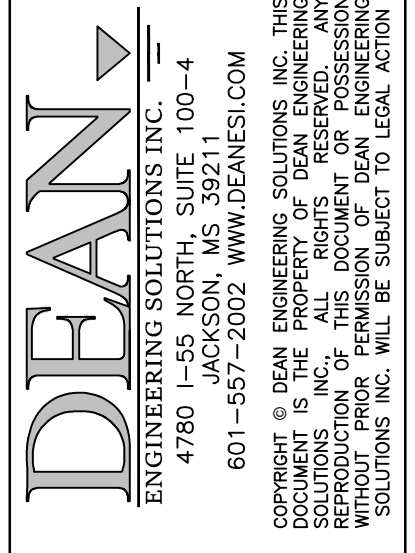
SITE PLAN NOTES

1. ADA HANDICAPPED (HC) PARKING: REFER TO THE ADA HC DETAILS FOR DIMENSIONS AND SPECIFICATIONS ON REGULAR HC AND VAN ACCESSIBLE PARKING REQUIREMENTS. A MIN. OF 2 SPACES SHALL BE RESERVED FOR HC PARKING, AND A MIN. OF ONE SHALL BE VAN ACCESSIBLE. GRADES ACROSS ADA PARKING SHALL NOT EXCEED 2.0% SLOPE IN ANY DIRECTION
2. STRIPING: ALL PARKING SPACE STRIPING SHALL BE 4" WIDE STRIPES, WHITE TRAFFIC PAINT.
3. SIDEWALKS: SHALL BE MIN. 5' WIDE TYPICALLY, EXCEPT WHERE SPECIFIED OTHERWISE AND SHALL BE LIGHT-DUTY CONCRETE PAVEMENT, 4" THICK, MIN. SLOPED AT 2.0% MAX. AWAY FROM BUILDING.
4. DIMENSIONS: ALL DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE NOTED.
5. CONCRETE JOINTS: JOINTS SHALL BE SPACED ON 10FT x 10FT SQUARE GRID PATTERN TYPICAL. JOINTS SHOULD FORM PANELS THAT ARE APPROXIMATELY SQUARE WITH THE LONGEST PANEL DIMENSION NO MORE THAN 1.25 TIMES THE SHORTEST PANEL DIMENSION. JOINTS SHOULD INTERSECT RADIIUSES & OTHER STRUCTURES AT A NEAR PERPENDICULAR ANGLE, OR HAVE A ±18° SEGMENT THAT HITS PERPENDICULARLY. CONCRETE JOINT SPACING, REINFORCEMENT AND LAYOUT SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE'S "GUIDE FOR THE DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS" - ACI 309. SEE DETAILS FOR ADDITIONAL PAVING AND JOINT REQUIREMENTS. CONTRACTOR SHALL SUBMIT A SHOP DRAWING FOR REVIEW SHOWING PROPOSED SAW-JOINT PATTERNS, DIMENSIONS, LOCATIONS OF CONSTRUCTION-JOINTS, ISOLATION-JOINTS AND EXPANSION-JOINTS, AND CONCRETE MIX DESIGN PROPERTIES.



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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
UTILITY PLAN
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
4

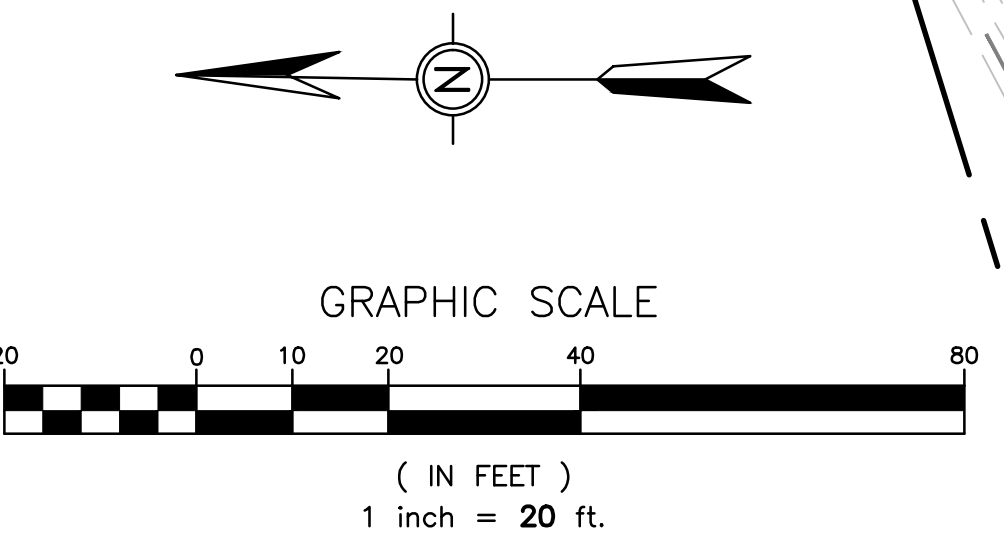
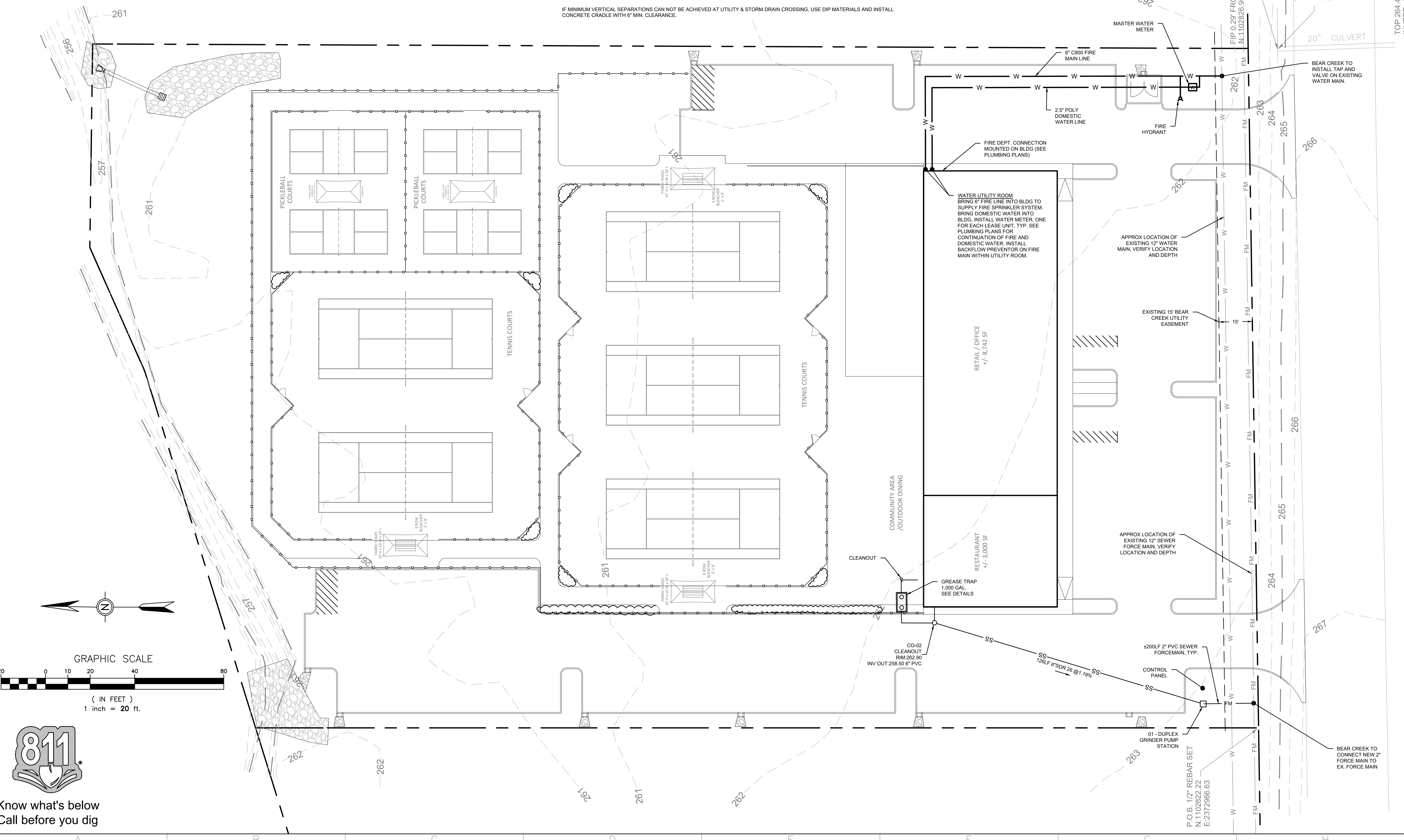
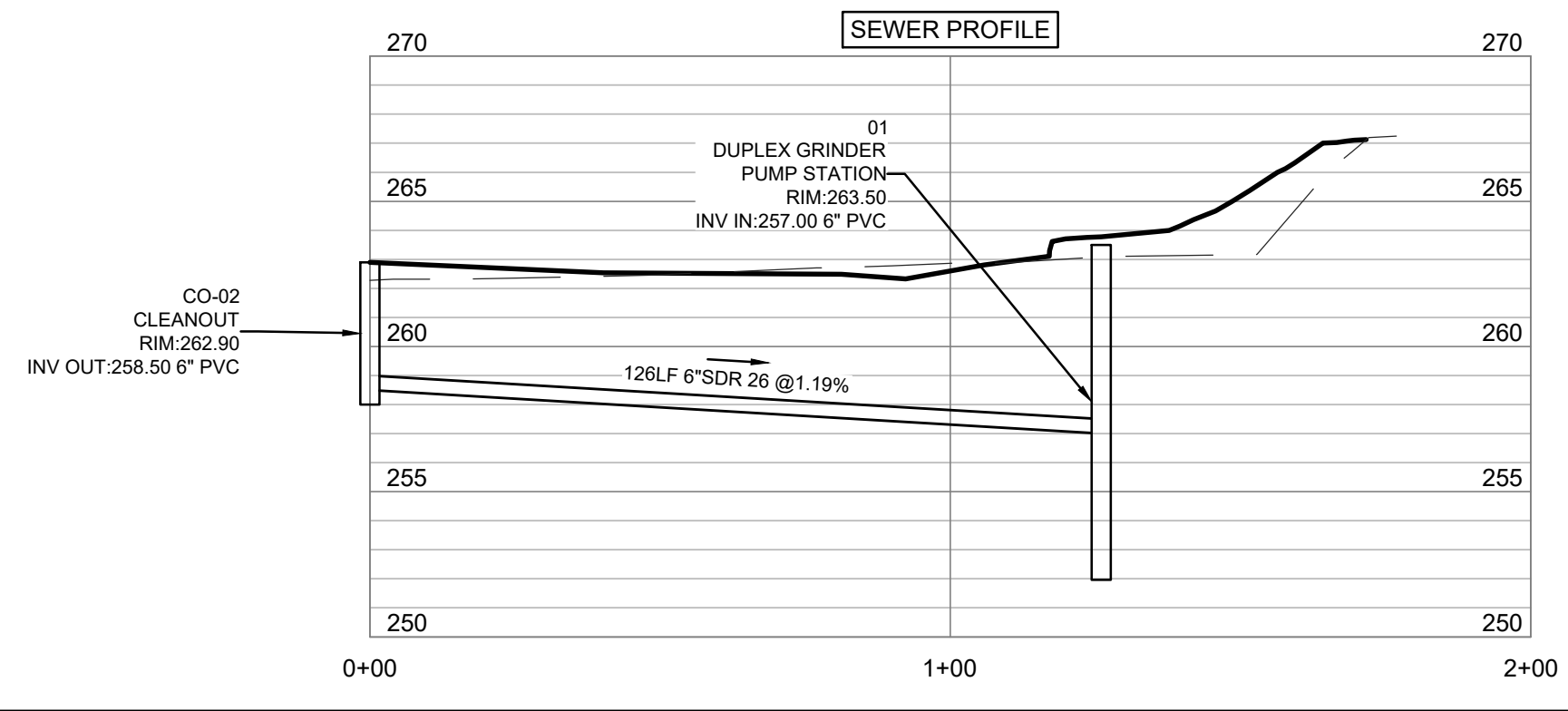
DRAWING SYMBOL LEGEND

| EXISTING | PROPOSED | DESCRIPTION |
|----------|----------|---------------------|
| — FM — | — FM — | SEWER FORCE MAIN |
| — SS — | — SS — | SANITARY SEWER LINE |
| — W — | — W — | WATER LINE |

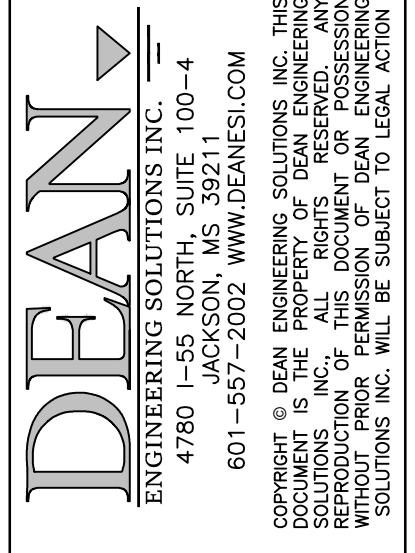
UTILITY PLAN NOTES

- BEAR CREEK COORDINATION:** CONTRACTOR SHALL COORDINATE WITH BEAR CREEK ALL WATER AND SEWER CONSTRUCTION IN ROW. BEAR CREEK SHALL INSTALL THE WATER INFRASTRUCTURE FROM THE EXISTING CONNECTION UP TO AND INCLUDING THE MASTER WATER METER. BEAR CREEK SHALL INSTALL THE PROPOSED FORCE MAIN CONNECTION TO EXISTING FORCE MAIN AND LEAVE A STUB OUT FOR CONTRACTOR.
 - DUPLEX GRINDER PUMP STATION:** PUMP STATION SHALL BE INSTALLED PER BEAR CREEK WATER ASSOCIATION CONSTRUCTION STANDARDS. SEE SPECIFICATIONS AND DETAILS FOR ADDITIONAL CONSTRUCTION AND PERFORMANCE REQUIREMENTS.
 - GREASE TRAP:** CONTRACTOR SHALL INSTALL GREASE TRAP AND CONNECT TO NEAREST GRAVITY SEWER DISCHARGE LINE ENSURING STRUCTURE OPERATES PROPERLY AND AS INTENDED VIA GRAVITY FLOW. SEE DETAILS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS. ADJUST INVERTS AS NEEDED TO ENSURE GRAVITY FLOW ACROSS THE STRUCTURE. CONFIRM INVERT ELEVATIONS AND PIPE CONNECTIONS WITH GREASE TRAP MANUFACTURER PRIOR TO FABRICATION AND INSTALLATION.
 - INSPECTIONS:** CONTRACTOR SHALL NOTIFY BEAR CREEK WATER ASSOCIATION TO INSPECT ALL WATER AND SEWER MAINS PRIOR TO PLACEMENT OF BACKFILL.
 - MEP COORDINATION:** THIS PLAN SHOWS WATER & SEWER SERVICES FOR THE SITE UP TO 5' FROM THE BUILDING. REFER TO MECHANICAL, ELECTRICAL, PLUMBING (MEP) PLANS FOR CONTINUATION INTO BUILDING.
 - SEWER CLEANOUTS:** SEE MEP PLANS FOR LOCATION AND ELEVATIONS OF SEWER OUT OF BUILDING. COORDINATE SEWER OUT OF BUILDING WITH CLEANOUTS TO MAIN. INSTALL CLEANOUTS TOPS FLUSH WITH ADJACENT PAVEMENT SURFACE.
 - WATER LINE COVER:** THE WATER LINE SHALL HAVE A MIN. OF 3' GROUND COVER.
 - MINIMUM UTILITY SEPARATION DISTANCES:**
SANITARY SEWER MAINS AND STORM SEWER - 24" VERTICAL
SANITARY SEWER MAINS AND WATER - 10" HORIZONTAL OR 18" VERTICAL
STORM SEWER AND WATER - 18" VERTICAL
- IF MINIMUM VERTICAL SEPARATIONS CAN NOT BE ACHIEVED AT UTILITY & STORM DRAIN CROSSING, USE DIP MATERIALS AND INSTALL CONCRETE CRADLE WITH 6" MIN. CLEARANCE.

PROFILE NOTES:
SOLID LINE=PROPOSED GRADE,
DASHED LINE=EXISTING GROUND.
SCALE: 1"=30' HORIZONTAL
VERTICAL EXAGGERATION=5X



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| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

OWNER:
DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

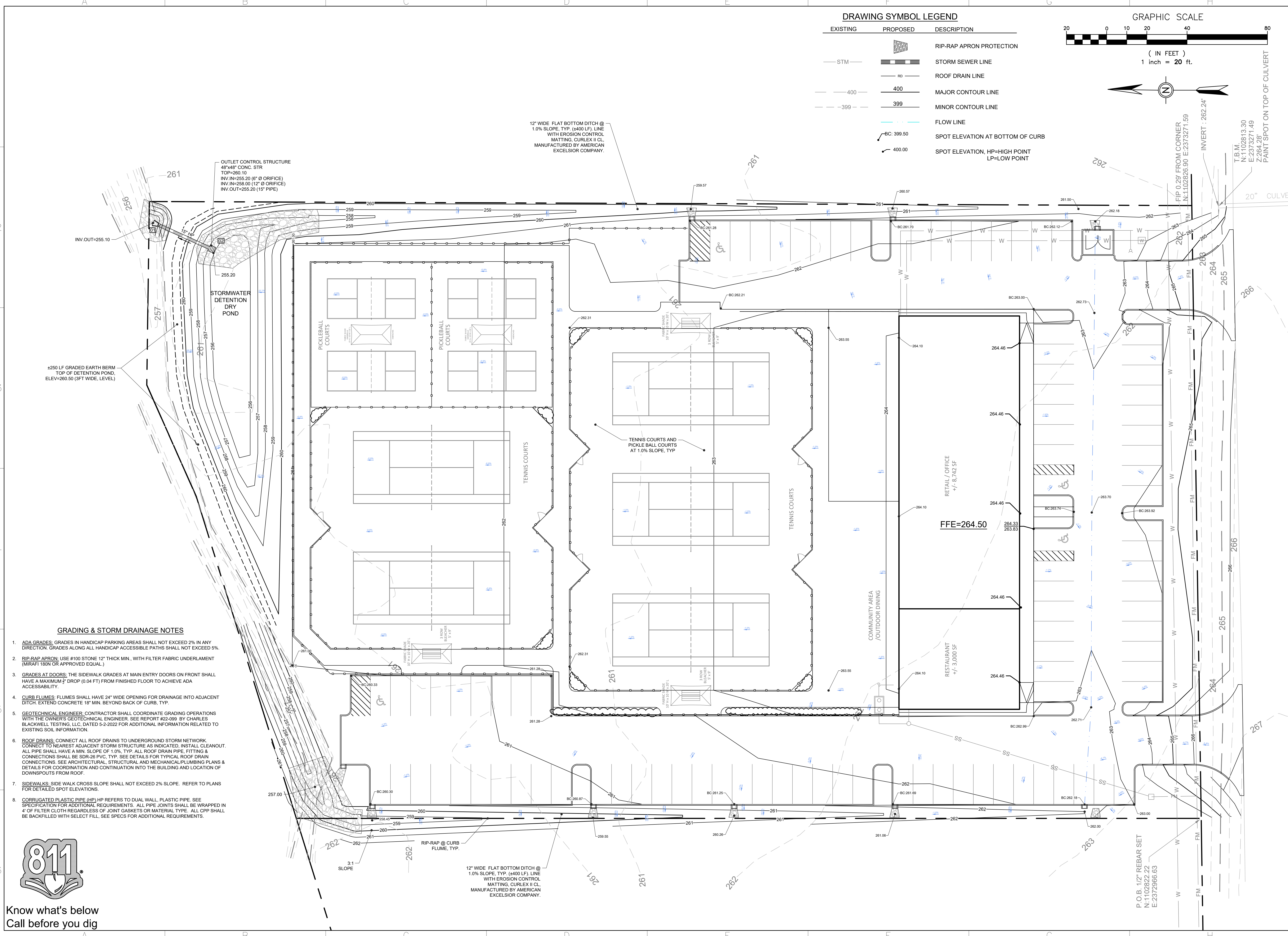
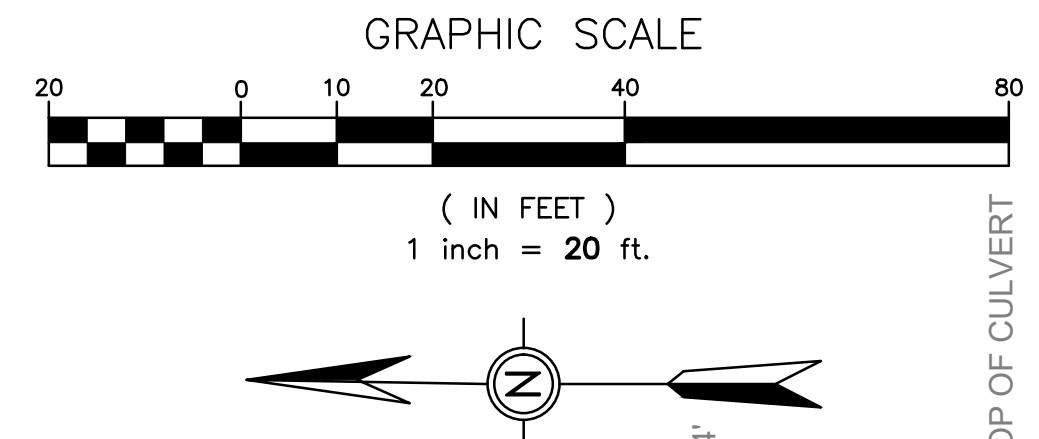
PROJECT TITLE: **MAGNOLIA COMMONS**
SHEET TITLE:
GRADING PLAN
SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
5

DRAWING SYMBOL LEGEND

| EXISTING | PROPOSED | DESCRIPTION |
|----------|----------|---|
| — STM — | | RIP-RAP APRON PROTECTION |
| — 400 — | | STORM SEWER LINE |
| — 399 — | | ROOF DRAIN LINE |
| | | MAJOR CONTOUR LINE |
| | | MINOR CONTOUR LINE |
| | | FLOW LINE |
| | | SPOT ELEVATION AT BOTTOM OF CURB |
| | | SPOT ELEVATION, HP=HIGH POINT LP=LOW POINT |



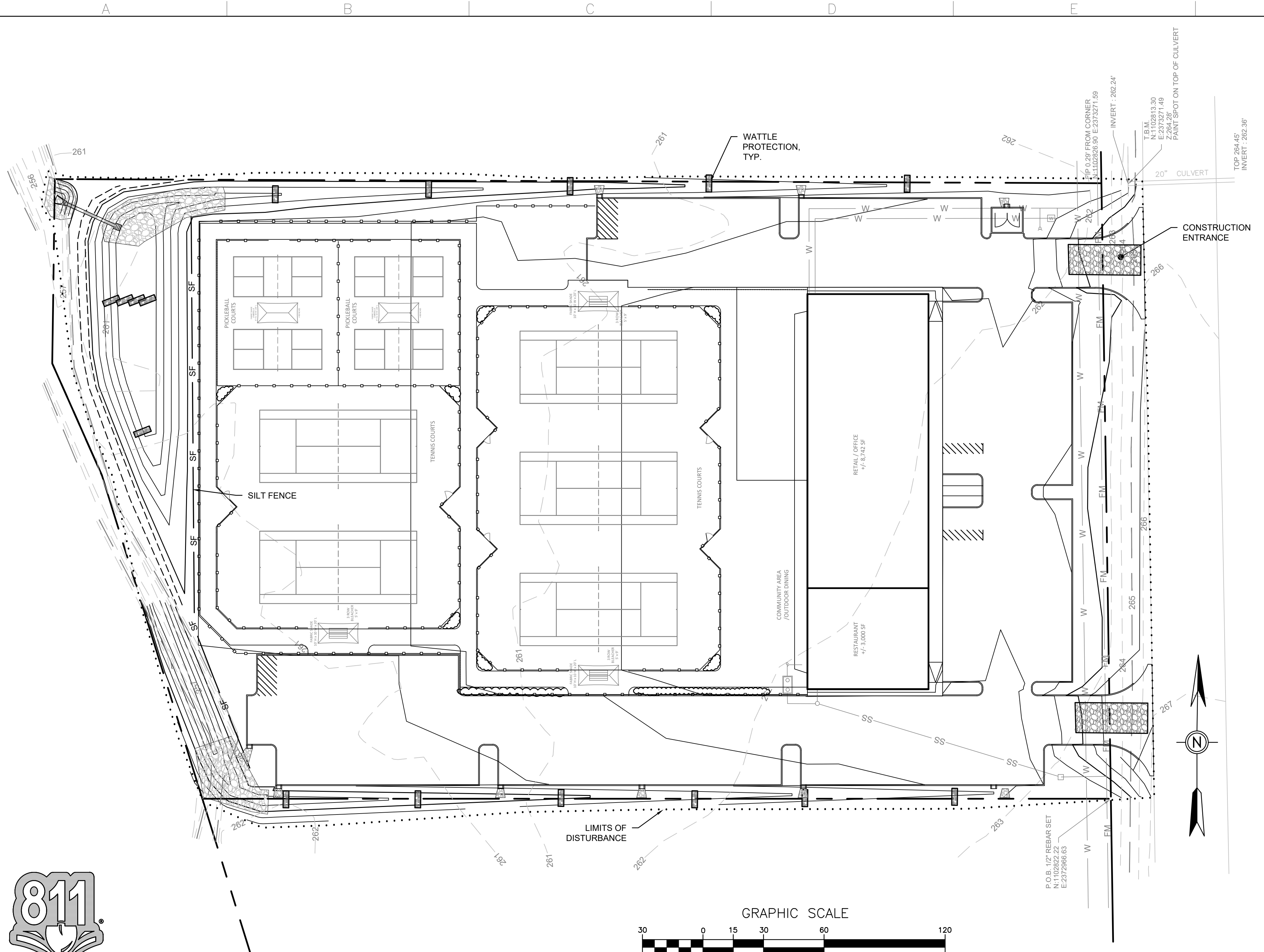
GRADING & STORM DRAINAGE NOTES

- ADA GRADES: GRADES IN HANDICAP PARKING AREAS SHALL NOT EXCEED 2% IN ANY DIRECTION. GRADES ALONG ALL HANDICAP ACCESSIBLE PATHS SHALL NOT EXCEED 5%.
- RIP-RAP APRON: USE #100 STONE 12" THICK MIN., WITH FILTER FABRIC UNDERLAMENT (MIRAFI 160N OR APPROVED EQUAL.)
- GRADES AT DOORS: THE SIDEWALK GRADES AT MAIN ENTRY DOORS ON FRONT SHALL HAVE A MAXIMUM 2" DROP (0.04 FT) FROM FINISHED FLOOR TO ACHIEVE ADA ACCESSIBILITY.
- CURB FLUMES: FLUMES SHALL HAVE 24" WIDE OPENING FOR DRAINAGE INTO ADJACENT DITCH. EXTEND CONCRETE 18" MIN. BEYOND BACK OF CURB, TYP.
- GEOTECHNICAL ENGINEER: CONTRACTOR SHALL COORDINATE GRADING OPERATIONS WITH THE OWNER'S GEOTECHNICAL ENGINEER. SEE REPORT #22-099 BY CHARLES BLACKWELL TESTING, LLC, DATED 5-2-2022 FOR ADDITIONAL INFORMATION RELATED TO EXISTING SOIL INFORMATION.
- ROOF DRAINS: CONNECT ALL ROOF DRAINS TO UNDERGROUND STORM NETWORK. CONNECT TO NEAREST ADJACENT STORM STRUCTURE AS INDICATED. INSTALL CLEANOUT. ALL PIPE SHALL HAVE A MIN. SLOPE OF 1.0%, TYP. ALL ROOF DRAIN PIPE, FITTING & CONNECTIONS SHALL BE SDR-26 PVC, TYP. SEE DETAILS FOR TYPICAL ROOF DRAIN CONNECTIONS. SEE ARCHITECTURAL, STRUCTURAL AND MECHANICAL/PLUMBING PLANS & DETAILS FOR COORDINATION AND CONTINUATION INTO THE BUILDING AND LOCATION OF DOWNSPOUTS FROM ROOF.
- SIDEWALKS: SIDE WALK CROSS SLOPE SHALL NOT EXCEED 2% SLOPE. REFER TO PLANS FOR DETAILED SPOT ELEVATIONS.
- CORRUGATED PLASTIC PIPE (HP) HP REFERS TO DUAL WALL, PLASTIC PIPE. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS. ALL PIPE JOINTS SHALL BE WRAPPED IN 4" OF FILTER CLOTH REGARDLESS OF JOINT GASKETS OR MATERIAL TYPE. ALL CPP SHALL BE BACKFILLED WITH SELECT FILL, SEE SPECS FOR ADDITIONAL REQUIREMENTS.



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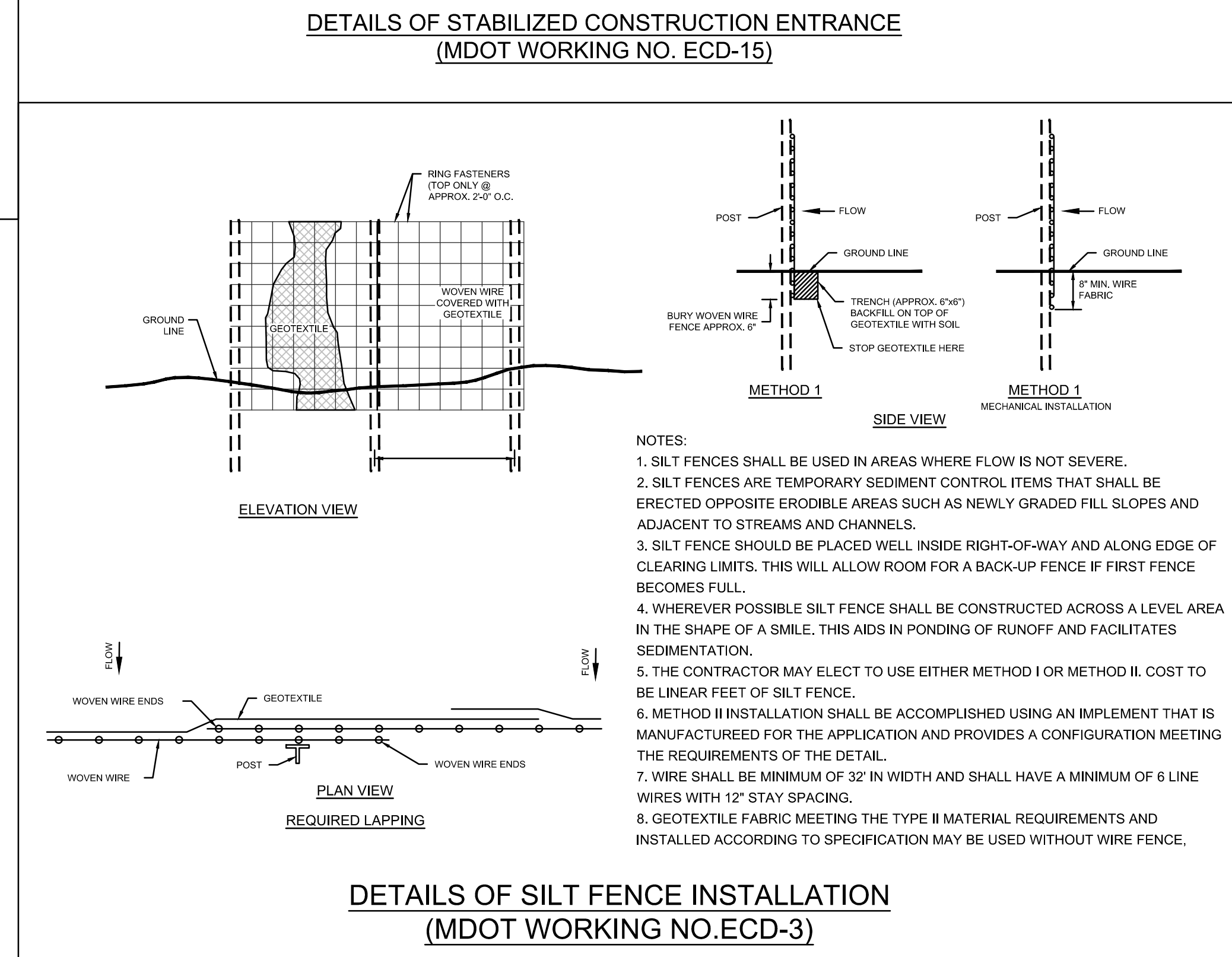
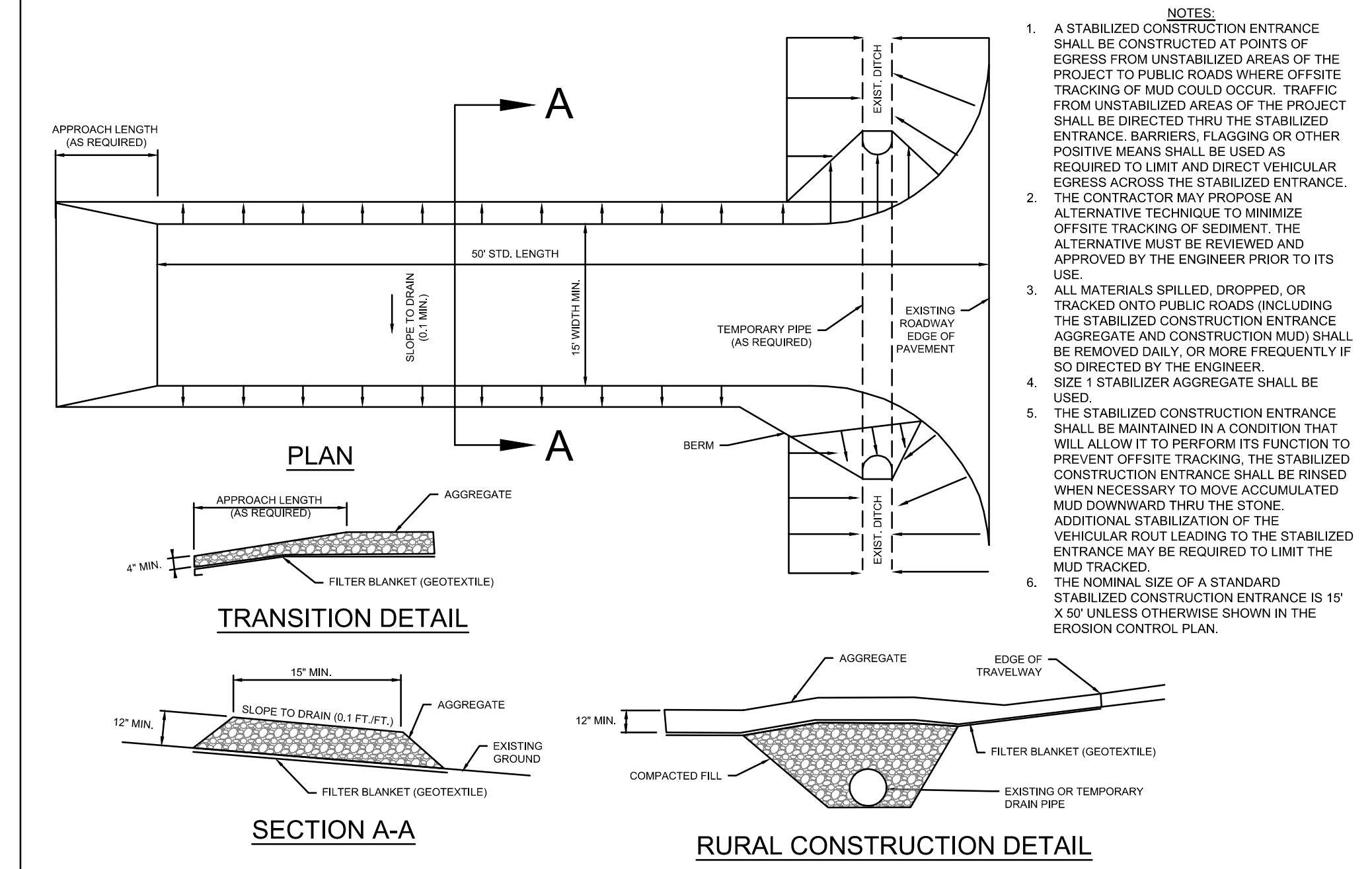
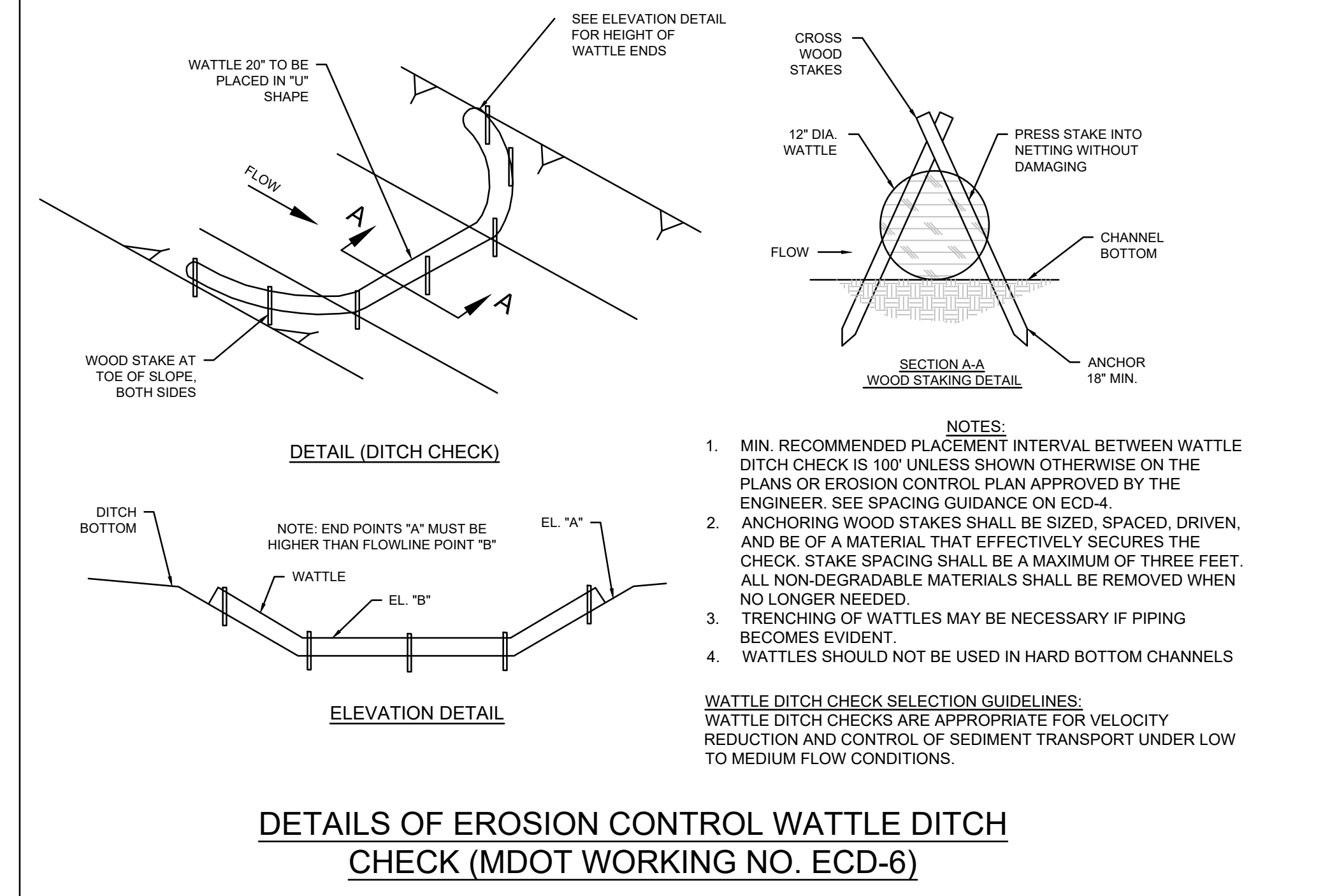
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EROSION CONTROL PLAN NOTES

- TOTAL DISTURBED SITE AREA = 3.70 AC.
- VEGETATIVE CONTROLS:** A COMBINATION OF TEMPORARY AND PERMANENT GRASSING WILL BE USED TO PROTECT SLOPES AS CONSTRUCTION PROGRESSES. REFER TO VEGETATION SPECIFICATIONS FOR DETAILS. SHOULD A DISTURBED AREA BE LEFT UNDISTURBED FOR 14 DAYS OR MORE, TEMPORARY OR PERMANENT VEGETATION SHALL BE PLACED IMMEDIATELY.
- STRUCTURAL CONTROLS:** INSTALL CONSTRUCTION ENTRANCES, DIVERSION DITCHES, WATTLE CHECK DAMS, SILT FENCE AND ALL OTHER STRUCTURAL BMPs AS SHOWN BELOW. PERMANENT EROSION CONTROL BMPs AND STRUCTURAL BMPs SHOULD BE PLACED AS SOON AS POSSIBLE TO ENSURE FINAL STABILIZATION OF THE SITE.
- WATTLE CHECK DAMS:** SILT FENCE AND HAY BALES ARE NOT ACCEPTABLE FORMS OF CHECK DAMS WITHIN TEMPORARY DIVERSION DITCHES, SWALES OR OTHER AREAS OF CONCENTRATED FLOW. CONTRACTOR SHALL USE SAND BAGS OR STONE DAMS TO CHECK FLOW. WATTLES MAY ALSO BE USED WHERE LOWER FLOWS/SMALLER DRAINAGE AREAS OCCUR.
- HOUSEKEEPING & MAINTENANCE PRACTICES:** ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. NON-FUNCTIONING EROSION CONTROLS SHALL BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL CONTROLS WITHIN 24 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW. WALK THROUGH INSPECTIONS ARE RECOMMENDED BEFORE ANTICIPATED STORM EVENTS TO VERIFY THE INTEGRITY OF EROSION CONTROL MEASURES AND TO DETERMINE IF ADDITIONAL MEASURES ARE NEEDED. SEDIMENT BASINS WILL BE CLEANED OUT WHEN THE LEVEL OF SEDIMENT REACHES 2.0 FEET BELOW THE TOP OF THE RISER, AND/OR WHEN THE CAPACITY HAS BEEN REDUCED BY 50%. SILT FENCE SHALL BE CLEANED OUT WHEN SEDIMENT REACHES 1/3 TO 1/2 OF THE HEIGHT OF THE FENCE. MAINTENANCE AND REPAIR OF EQUIPMENT SHALL BE PERFORMED OFF-SITE. MATERIAL WASH OUT SHALL OCCUR EITHER OFF-SITE OR WITHIN DESIGNATED WASH OUT AREAS.
- POST-CONSTRUCTION CONTROL MEASURES:** AS CONSTRUCTION IS COMPLETED, PERMANENT VEGETATIVE GROWTH SHALL BE ESTABLISHED ON DISTURBED SOILS TO IMPROVE SOIL STABILITY AND PROVIDE A BUFFER ZONE FOR LOOSE MATERIAL. LINED DITCHES SHALL BE INSTALLED AS SPECIFIED IN THE EROSION CONTROL SEQUENCE TO REDUCE EROSION IN CONCENTRATED FLOW AREAS AND RIP-RAP WILL BE PLACED AS SPECIFIED TO DISSIPATE FLOW ENERGY AND REDUCE FLOW VELOCITY. TEMPORARY BMPs MUST BE REMOVED FROM THE SITE WHEN THEY ARE NO LONGER NEEDED.

DRAWING SYMBOL LEGEND

| PROPOSED | DESCRIPTION |
|----------|-----------------------------------|
| | SILT FENCE PROTECTION |
| | LIMITS OF DISTURBANCE |
| | WATTLE CHECK DAM/INLET PROTECTION |



Section 10, Item E)

DEAN
ENGINEERING SOLUTIONS, INC.
4780 I-55 NORTH, SUITE 100-4
JACKSON, MS 39211
601-557-2002 WWW.DEANESI.COM

REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
20957

10-05-2023

DRAWING ISSUED

OWNER: DANNY BOLANOS
115 HONOURS LANE,
MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS
SHEET TITLE: EROSION CONTROL PLAN (SWPPP)
SITE DEVELOPMENT

| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-05-2023 |

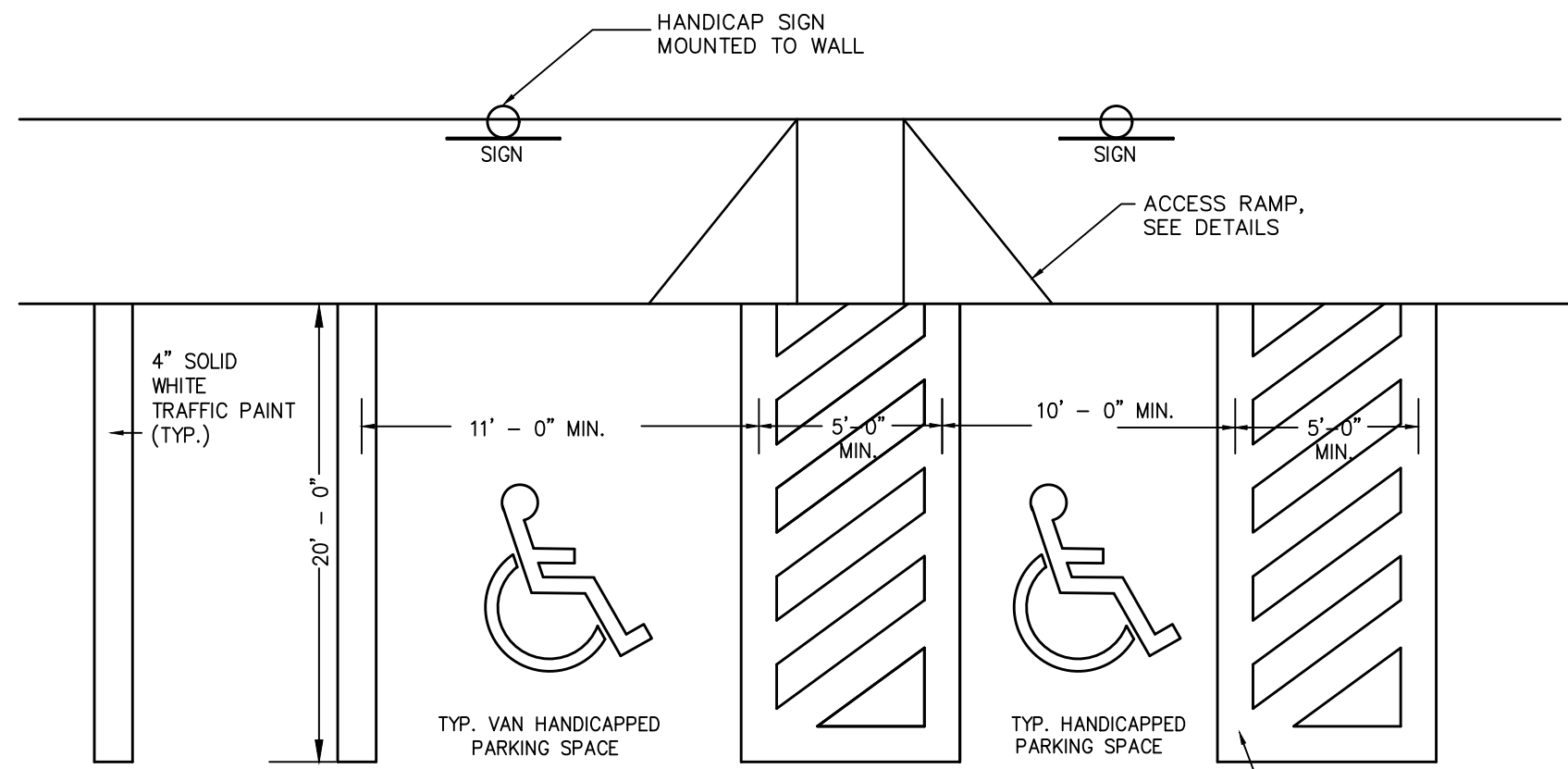
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PROJECT TITLE: MAGNOLIA COMMONS
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SITE DEVELOPMENT

JOB NO.: 220502
DATE: 17 MAY 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

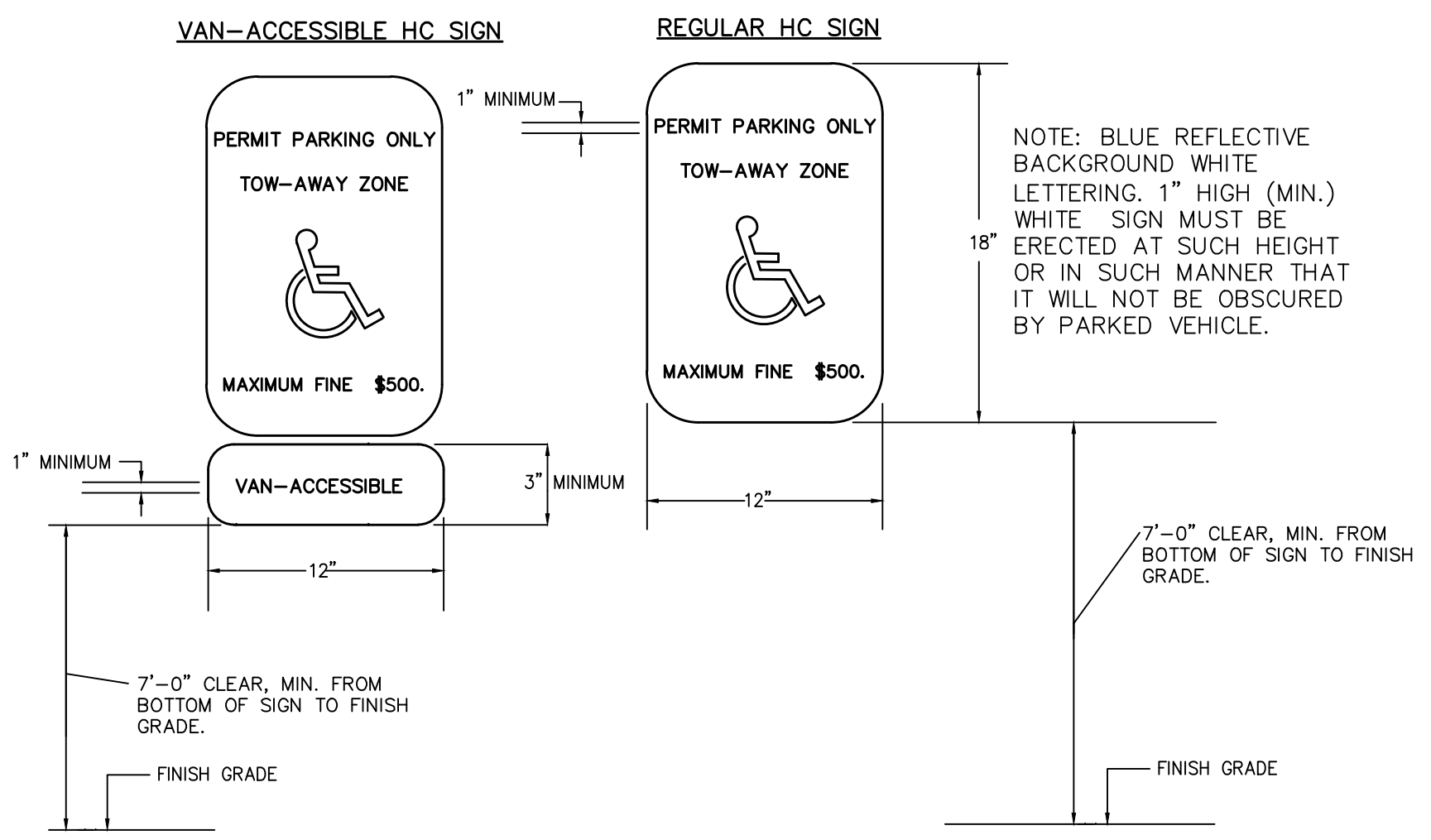
SHEET NUMBER:
6

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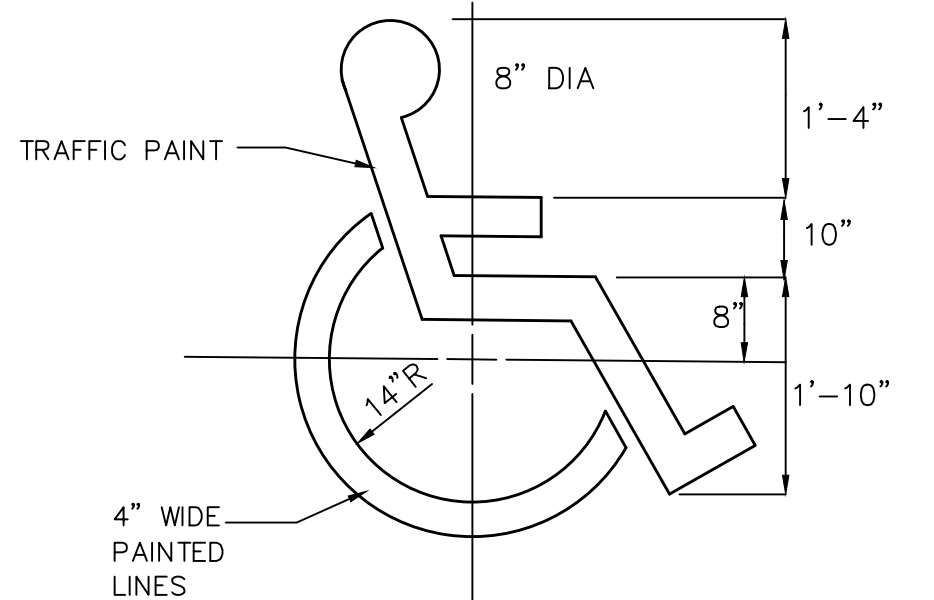


NOTES:
 1. VEHICLE PARKING AREA SLOPE: MAX SLOPE IN ADA PARKING STALL SHALL NOT EXCEED 1:20.
 2. SEE SITE PLAN FOR ACTUAL DIMENSIONS.

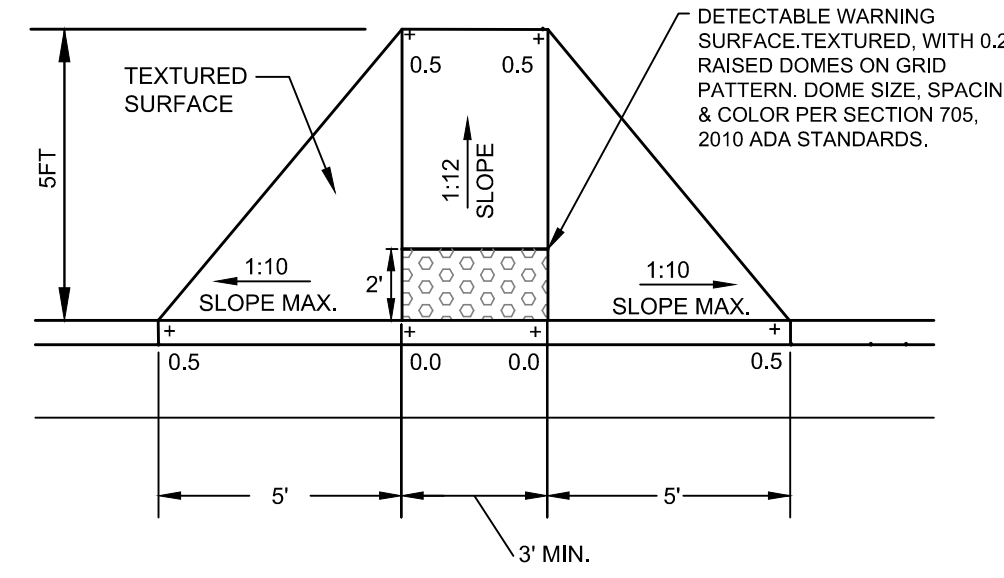
HANDICAPPED PAVEMENT STRIPING
N.T.S.



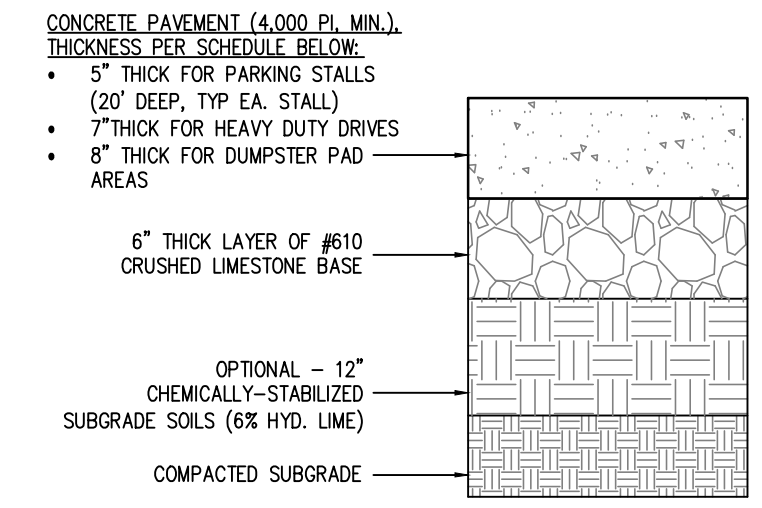
HANDICAP SIGN DETAILS
N.T.S.



PAINTED HANDICAPPED SYMBOL
N.T.S.

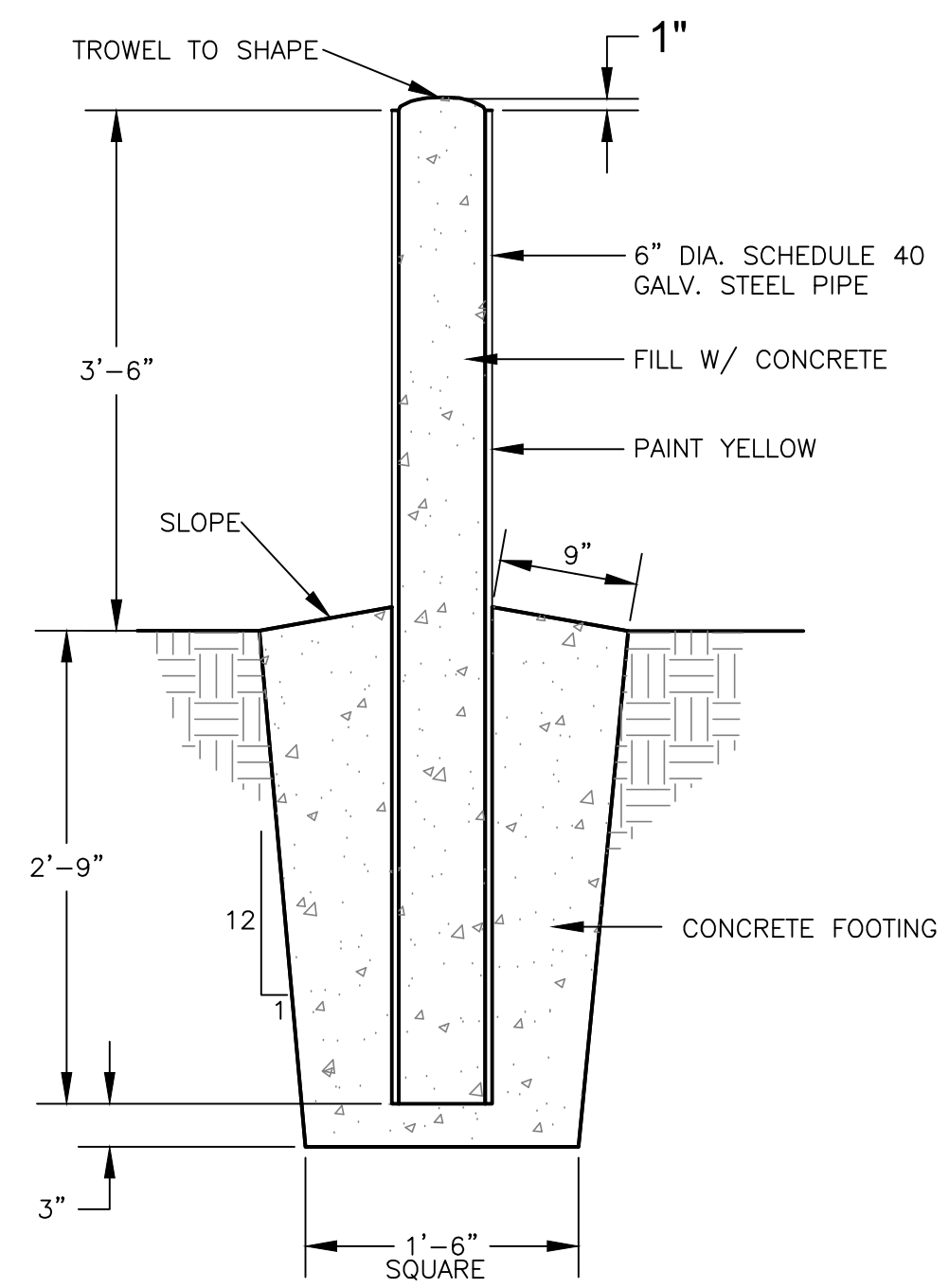


ADA RAMP DETAILS
N.T.S.

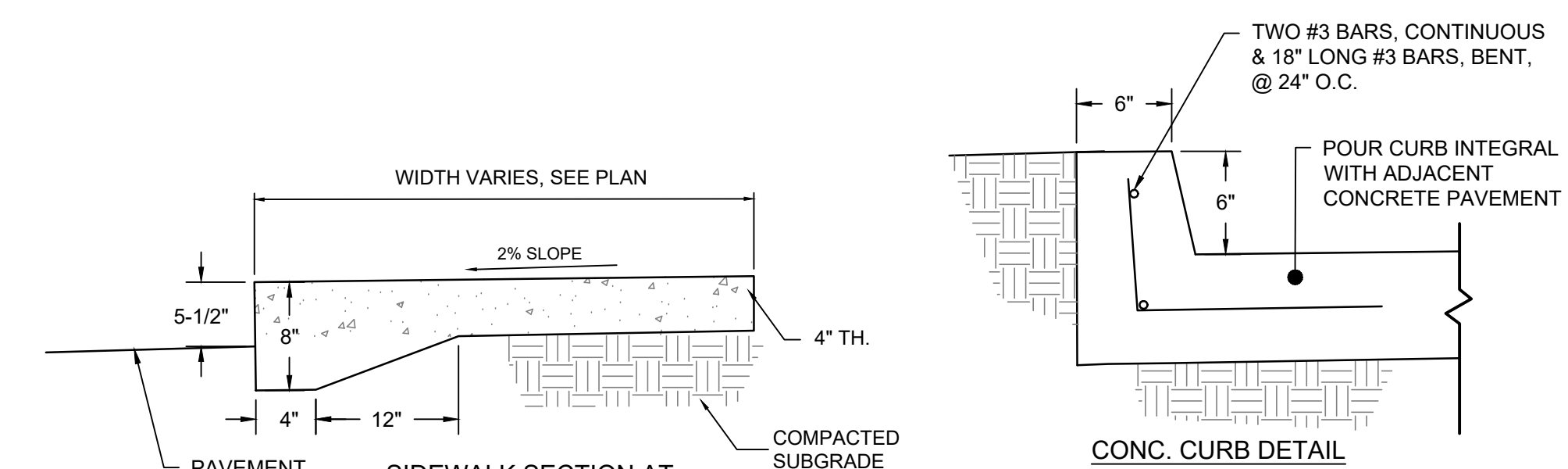


CONCRETE PAVEMENT
N.T.S.

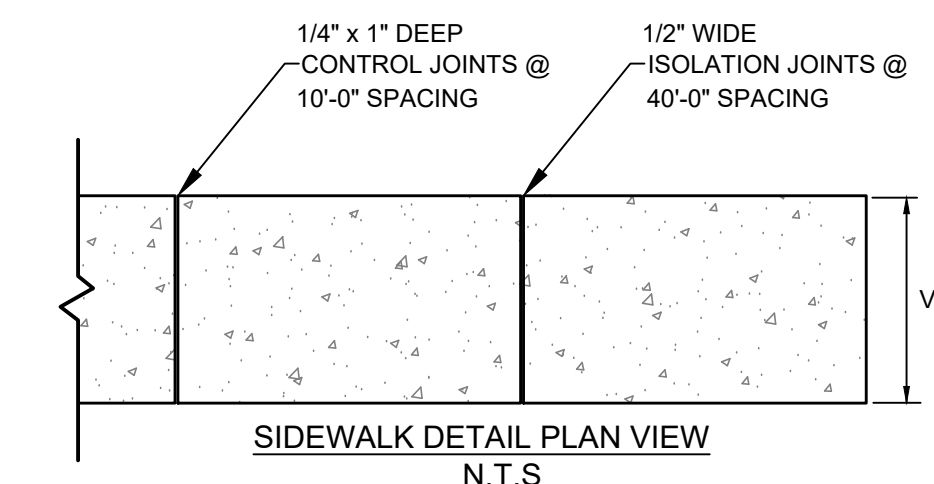
NOTE: OPTIONAL LAYER OF 12" LIME CAN BE USED TO HELP STABILIZE SUBGRADE SOILS EXHIBITING EXCESSIVE MOISTURE. LIME TREATED SUBGRADE SHALL EXTEND 12" BEYOND CONCRETE CURB AND GUTTER



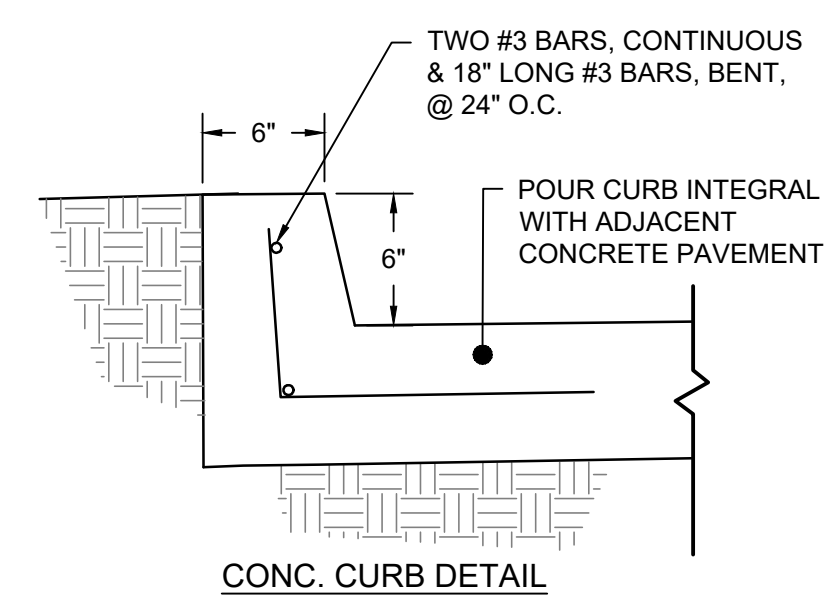
BOLLARD DETAIL
N.T.S.



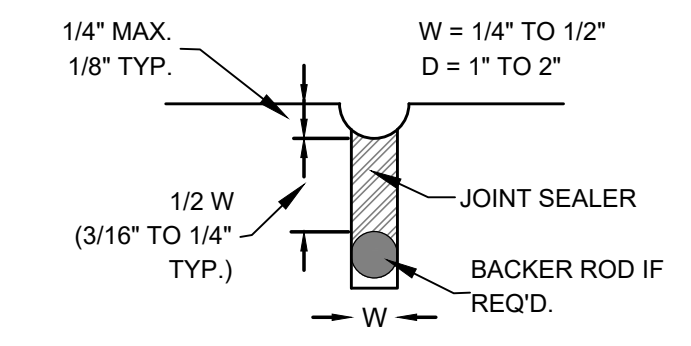
SIDEWALK SECTION AT DRIVE/PARKING
N.T.S.



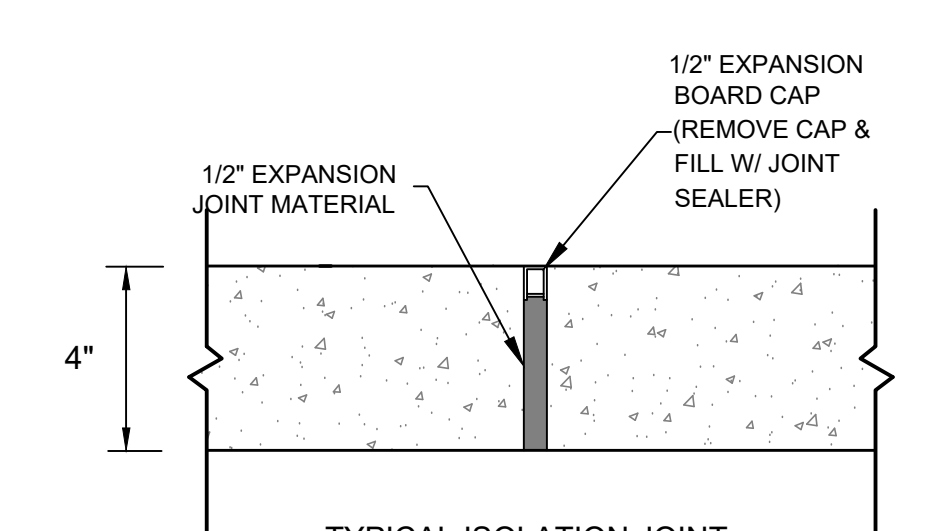
SIDEWALK DETAIL PLAN VIEW
N.T.S.



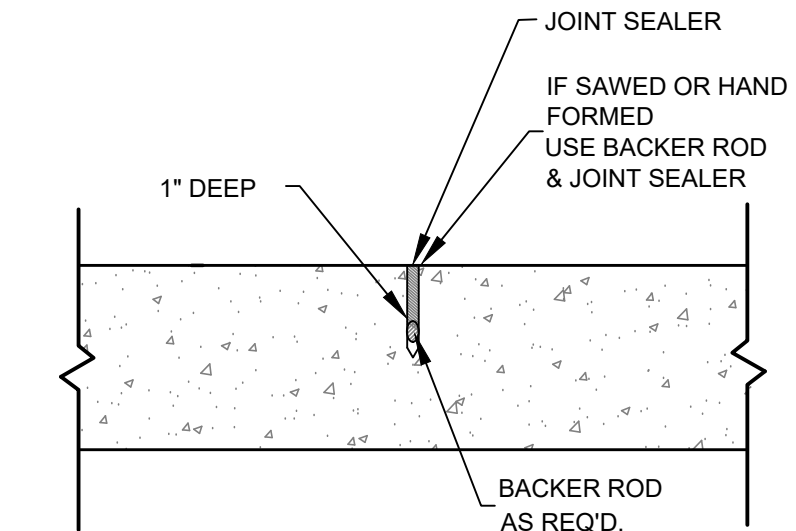
CONC. CURB DETAIL
N.T.S.



JOINT SEALER DETAIL
N.T.S.



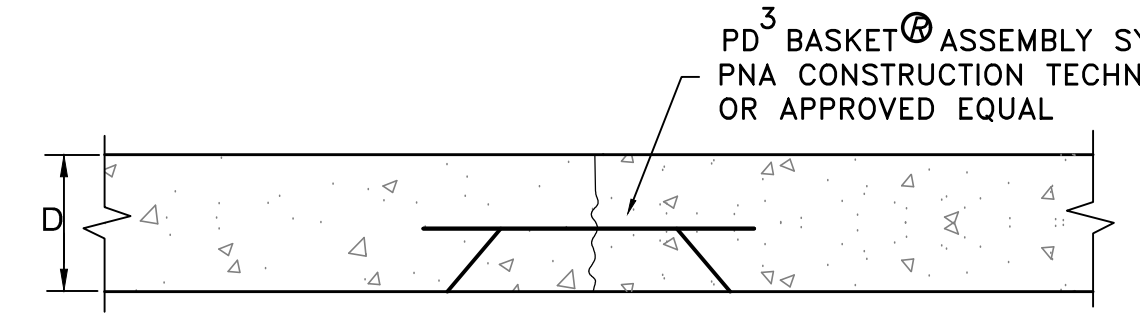
TYPICAL ISOLATION JOINT
N.T.S.



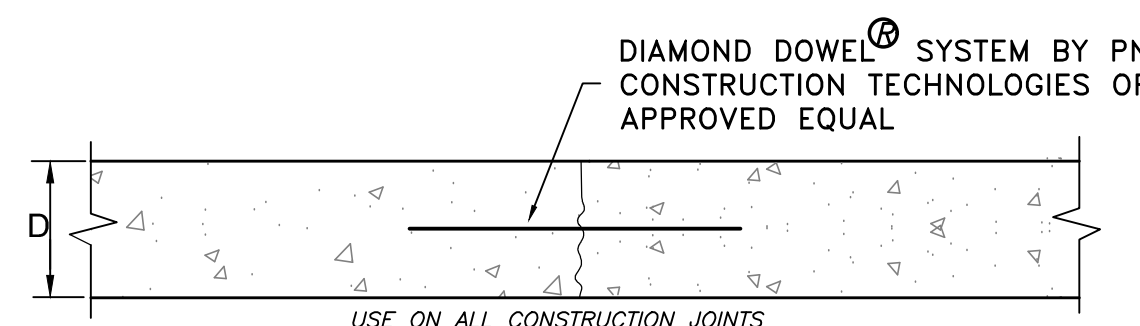
TYPICAL CONTROL JOINT
N.T.S.

NOTES:
 1. SIDEWALKS SHALL SLOPE AWAY FROM BLDG.
 2. USE 3,500 PSI STRENGTH CONCRETE MIN.

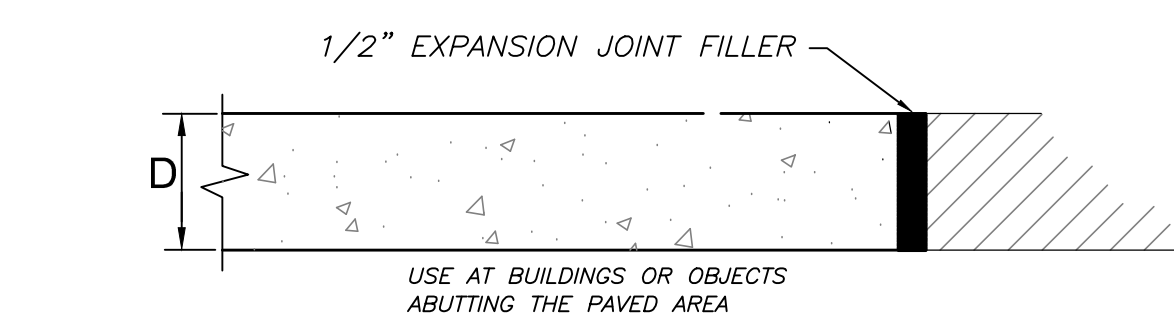
TYPICAL SIDEWALK & CURB DETAILS
N.T.S.



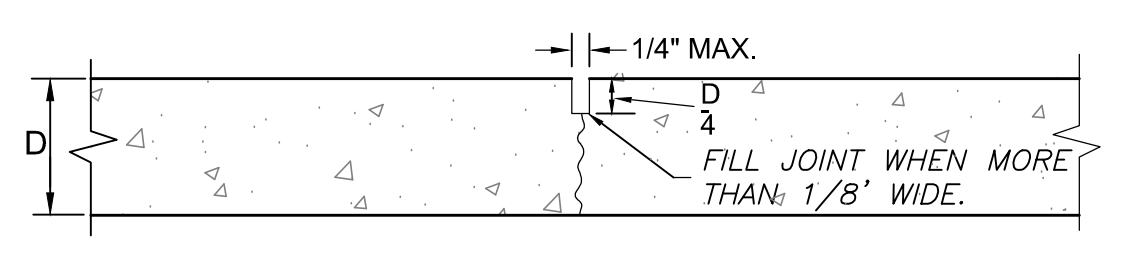
JOINT REINFORCEMENT @ SAW-CUT CONTRACTION JOINTS



JOINT REINFORCEMENT @ CONSTRUCTION JOINTS



ISOLATION JOINT



SAWED JOINT

NOTE: ALL JOINTS SHALL BE SEALED

CONCRETE PAVING JOINT DETAILS
N.T.S.

DEAN
 ENGINEERING SOLUTIONS, INC.
 4780 I-55 NORTH, SUITE 100-4
 JACKSON, MS 39211
 601-557-2002 WWW.DEANESI.COM

Professional Engineer Seal for W. Seth Dean, State of Mississippi, License No. 29557, dated 10-05-2023.

| No. | Description | Date |
|-----|---------------------------------|------------|
| 1 | PLANS SUBMITTED FOR CITY REVIEW | 10-03-2023 |

OWNER: DANNY BOLANOS
 115 HONOURS LANE,
 MADISON MS 39110

PROJECT TITLE: MAGNOLIA COMMONS
 SHEET TITLE: SITE DETAILS
 SITE DEVELOPMENT

JOB NO.: 220502
 DATE: 17 MAY 2022
 SCALE: AS SHOWN
 DRAWN BY: WSD
 REVIEWED BY: WSD

SHEET NUMBER:
7

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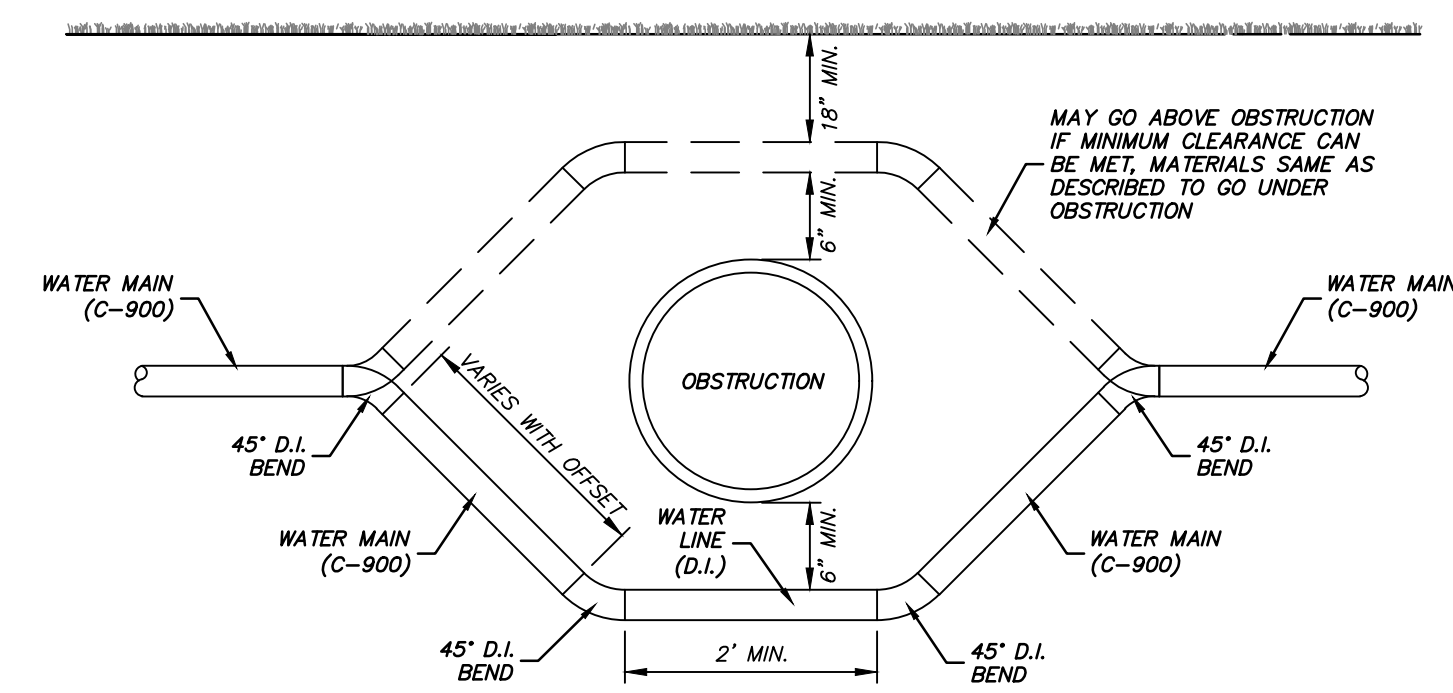
Table with columns: No., Description, Date, and rows for drawing issued and city review.

OWNER: DANNY BOLANOS 115 HONOURS LANE, MADISON MS 39110

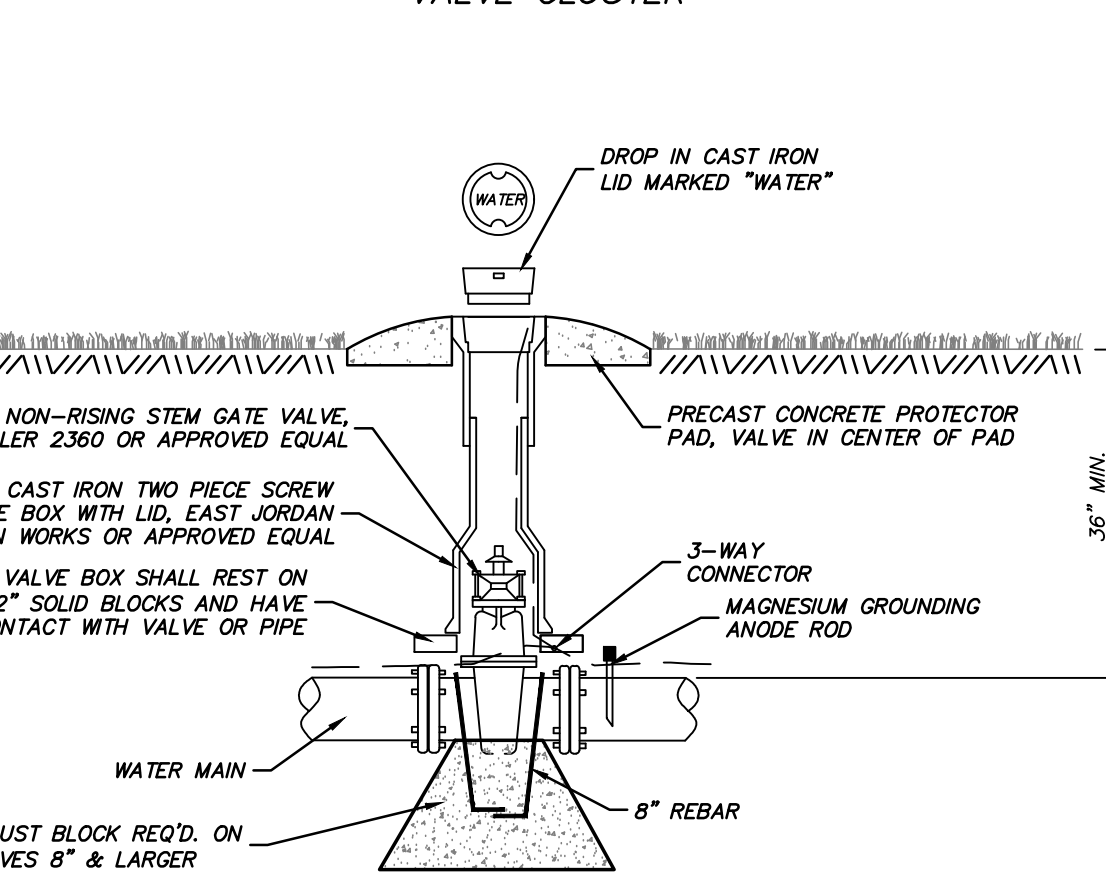
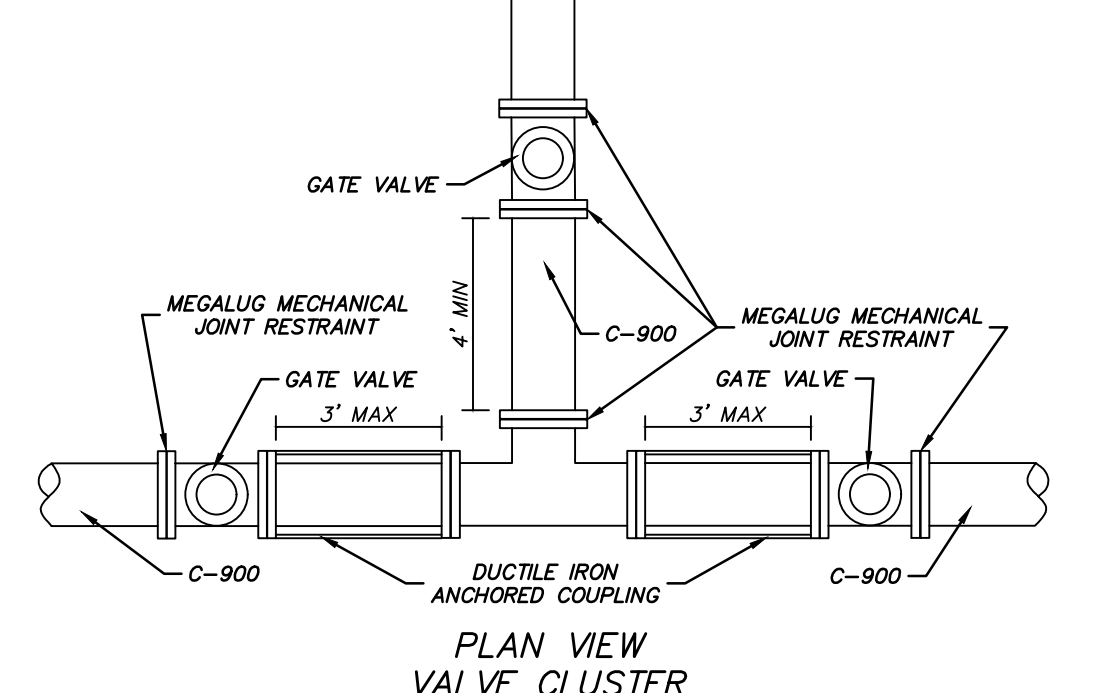
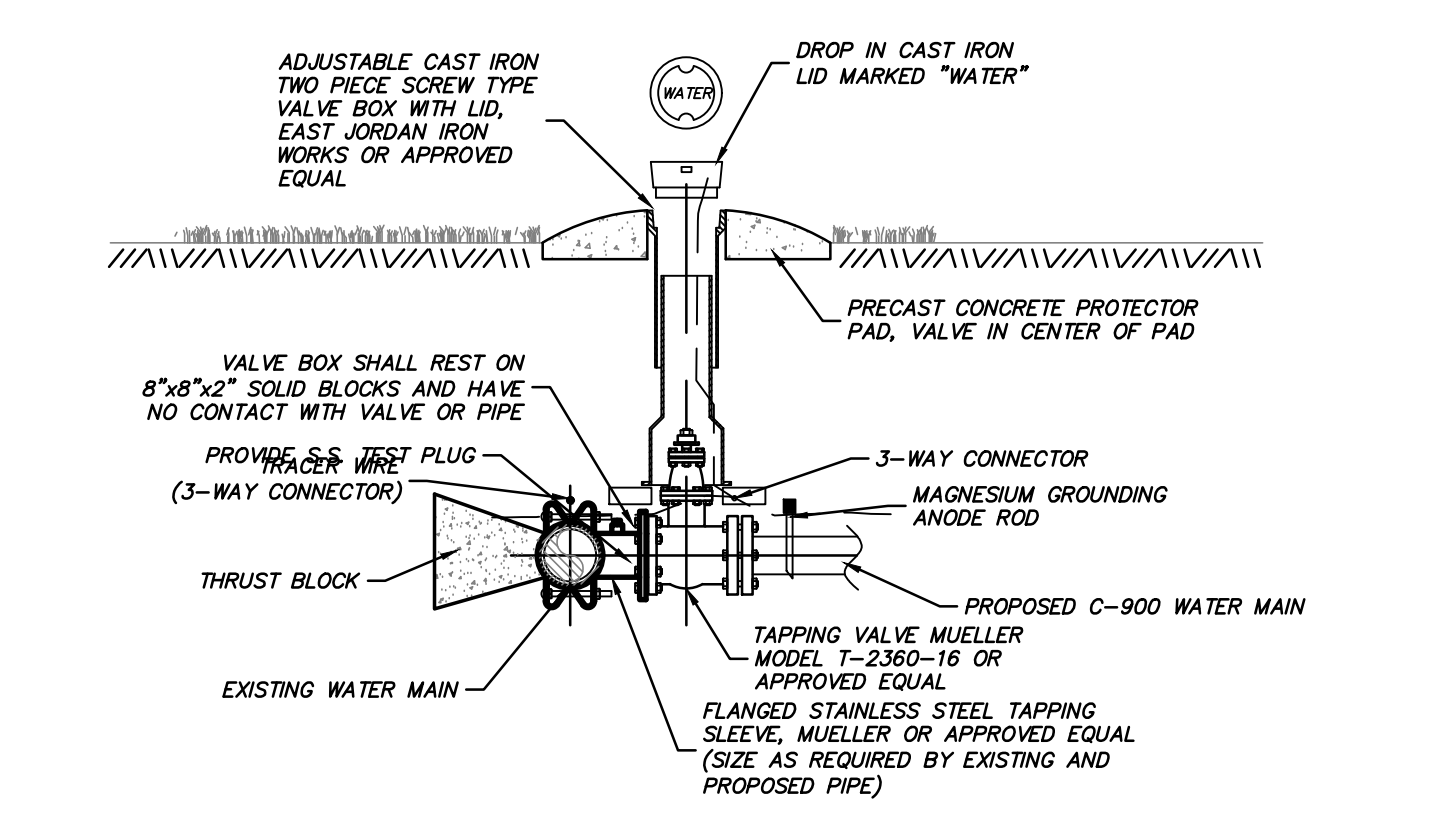
PROJECT TITLE: MAGNOLIA COMMONS SHEET TITLE: UTILITY DETAILS SITE DEVELOPMENT

JOB NO.: 220502 DATE: 17 MAY 2022 SCALE: AS SHOWN DRAWN BY: WSD REVIEWED BY: WSD

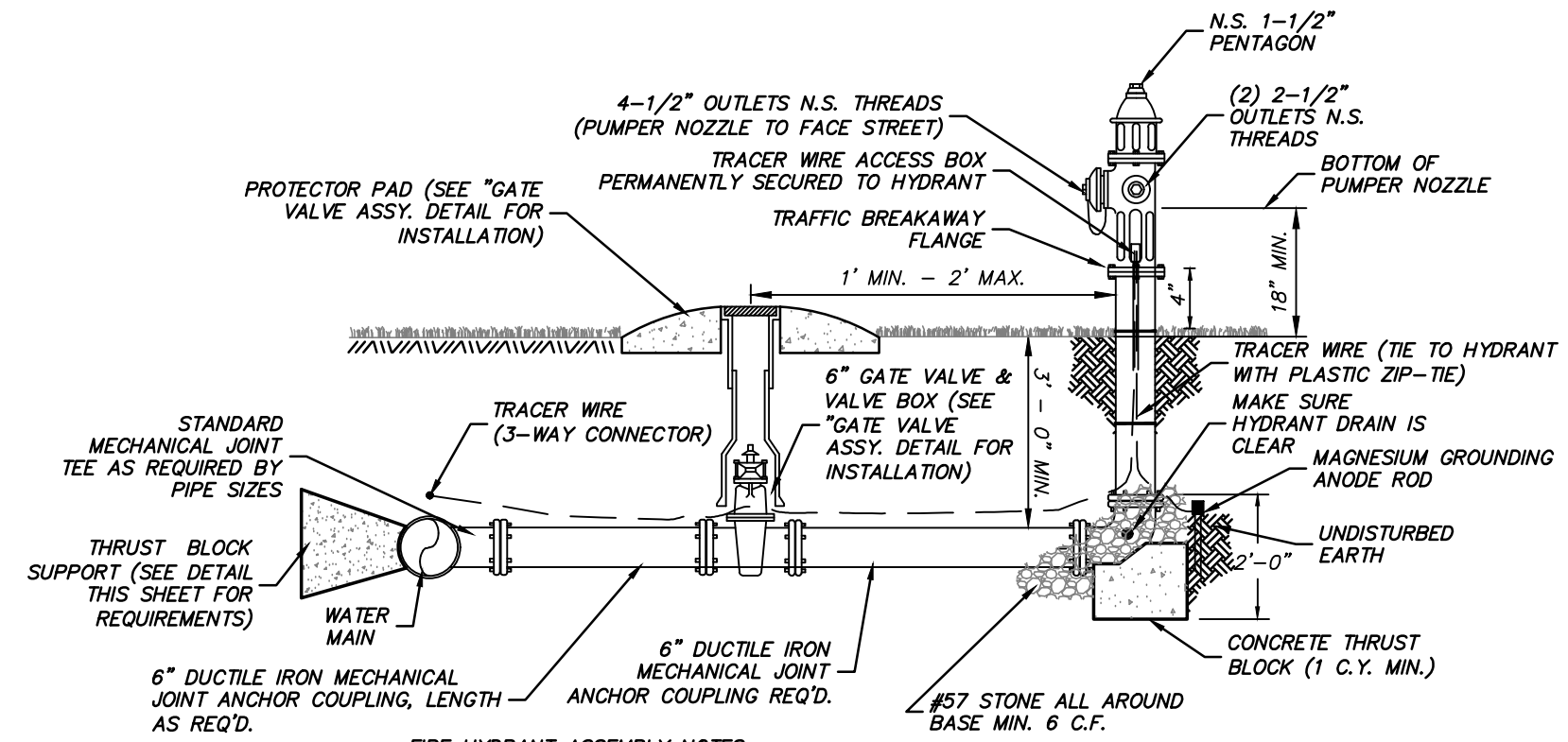
SHEET NUMBER: 8



- WATER LINE OBSTRUCTION NOTES: 1. CONTRACTOR TO FOLLOW CLEARANCE REQUIREMENTS... 2. WATER LINE TO PASS OVER OBSTRUCTION... 3. CONTRACTOR TO FOLLOW REQUIREMENTS... 4. SAME SPECIFICATIONS APPLY... 5. WORK & MATERIALS REQUIRED... 6. CONTRACTOR SHALL PROVIDE JOINT RESTRAINTS...



- GATE VALVE ASSEMBLY NOTES: 1. GATE VALVE SHALL MATCH SIZE OF LINE... 2. VALVE BOX SHALL BE SET PLUMB... 3. BLOCKS FOR VALVE BOX... 4. ALL TRACER WIRE CONNECTORS... 5. ALL BOLTS SHALL BE POLY WRAPPED... 6. CONCRETE PROTECTOR PADS... 7. ALL ITEMS SHOWN ON THIS DETAIL...



- FIRE HYDRANT ASSEMBLY NOTES: 1. ALL FIRE HYDRANT ASSEMBLIES TO INCLUDE GATE VALVES... 2. CONTRACTOR TO USE MEGA-LUGS... 3. FIRE HYDRANT TO MATCH EXISTING... 4. SEE GATE VALVE ASSEMBLY DETAIL... 5. ALL TRACER WIRE CONNECTORS... 6. ALL ITEMS SHOWN ON THIS DETAIL... 7. MEGA LUG RESTRAINTS...

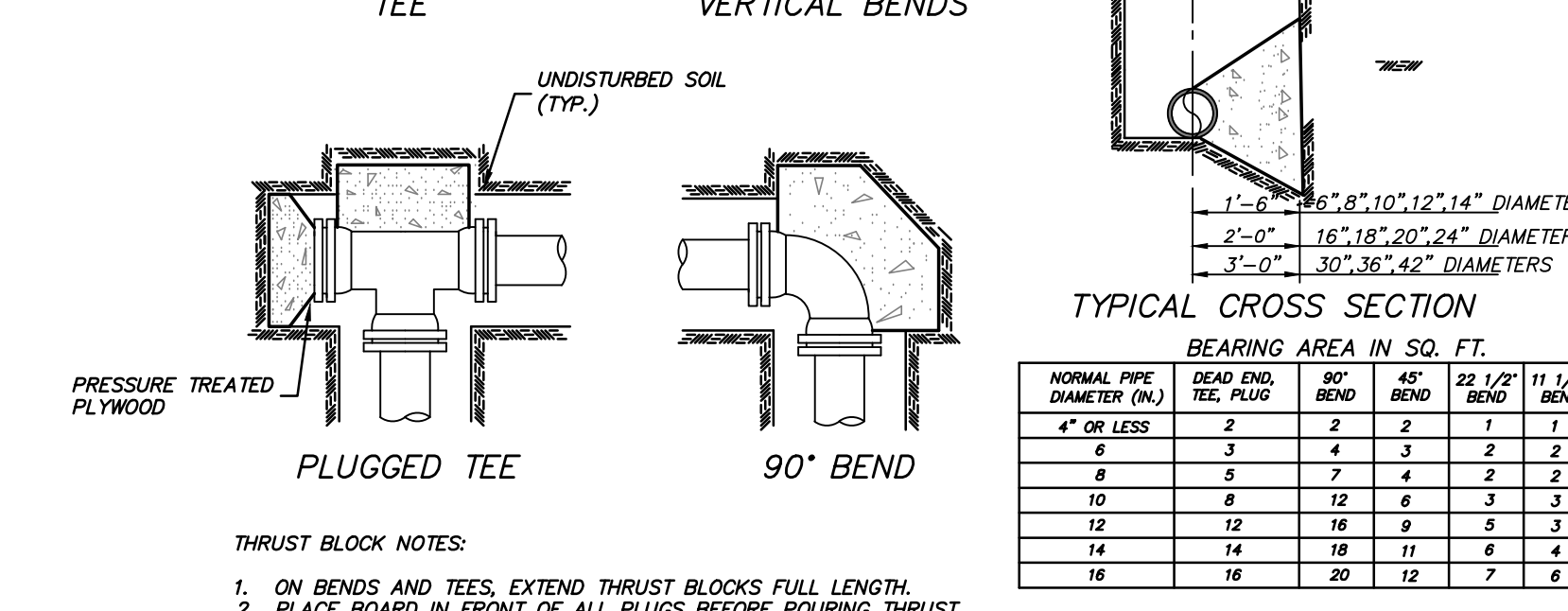
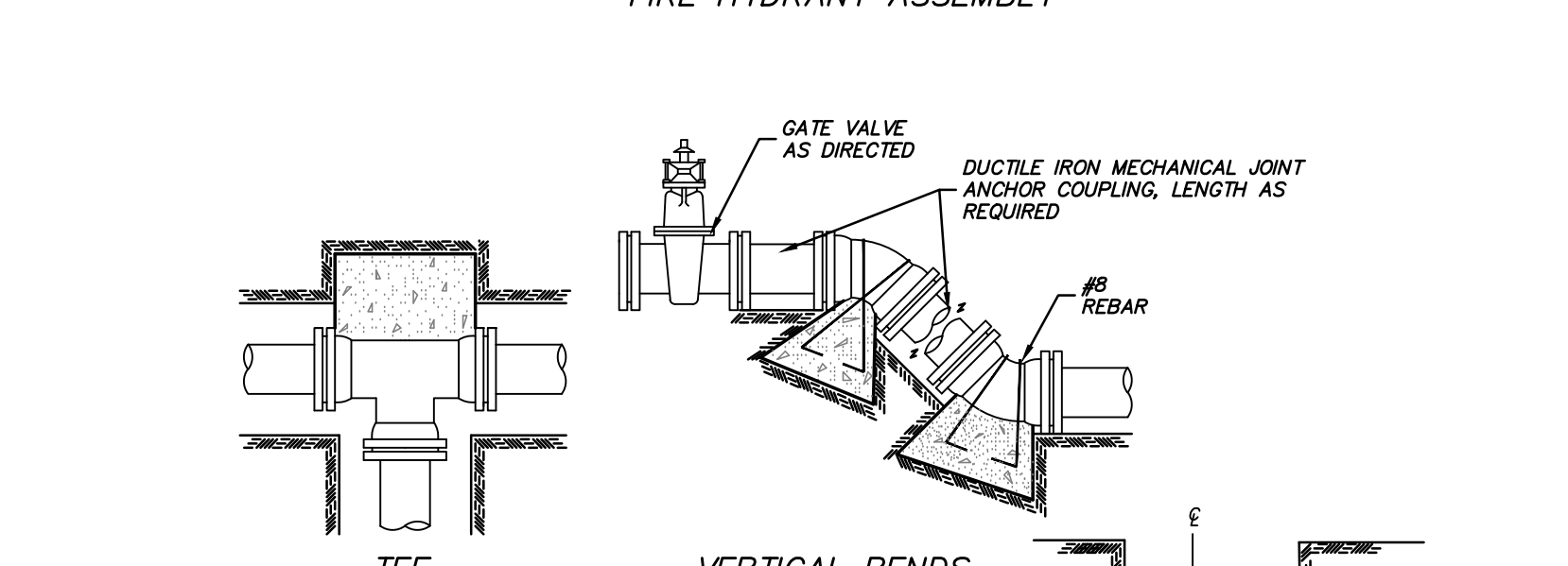
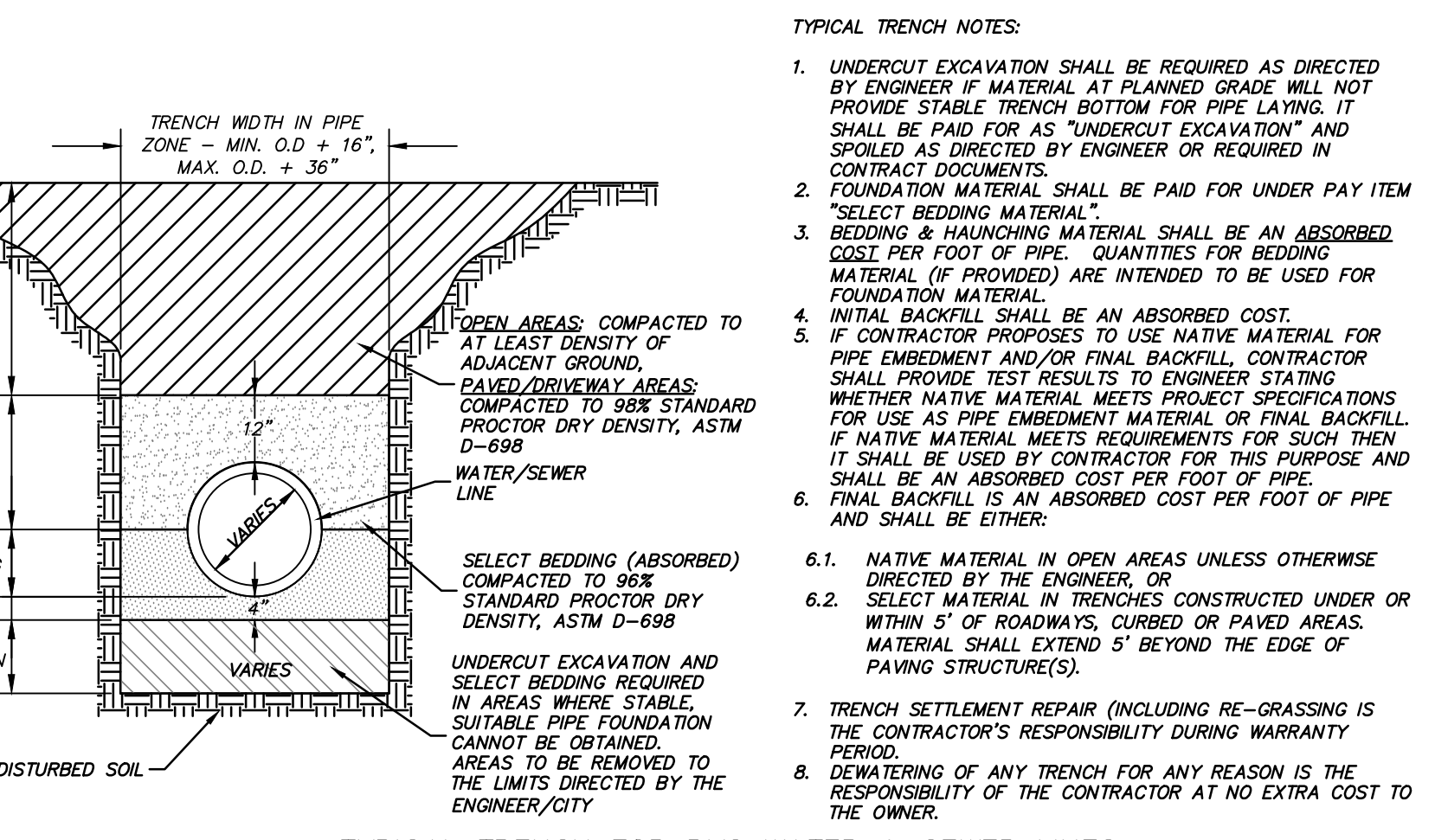


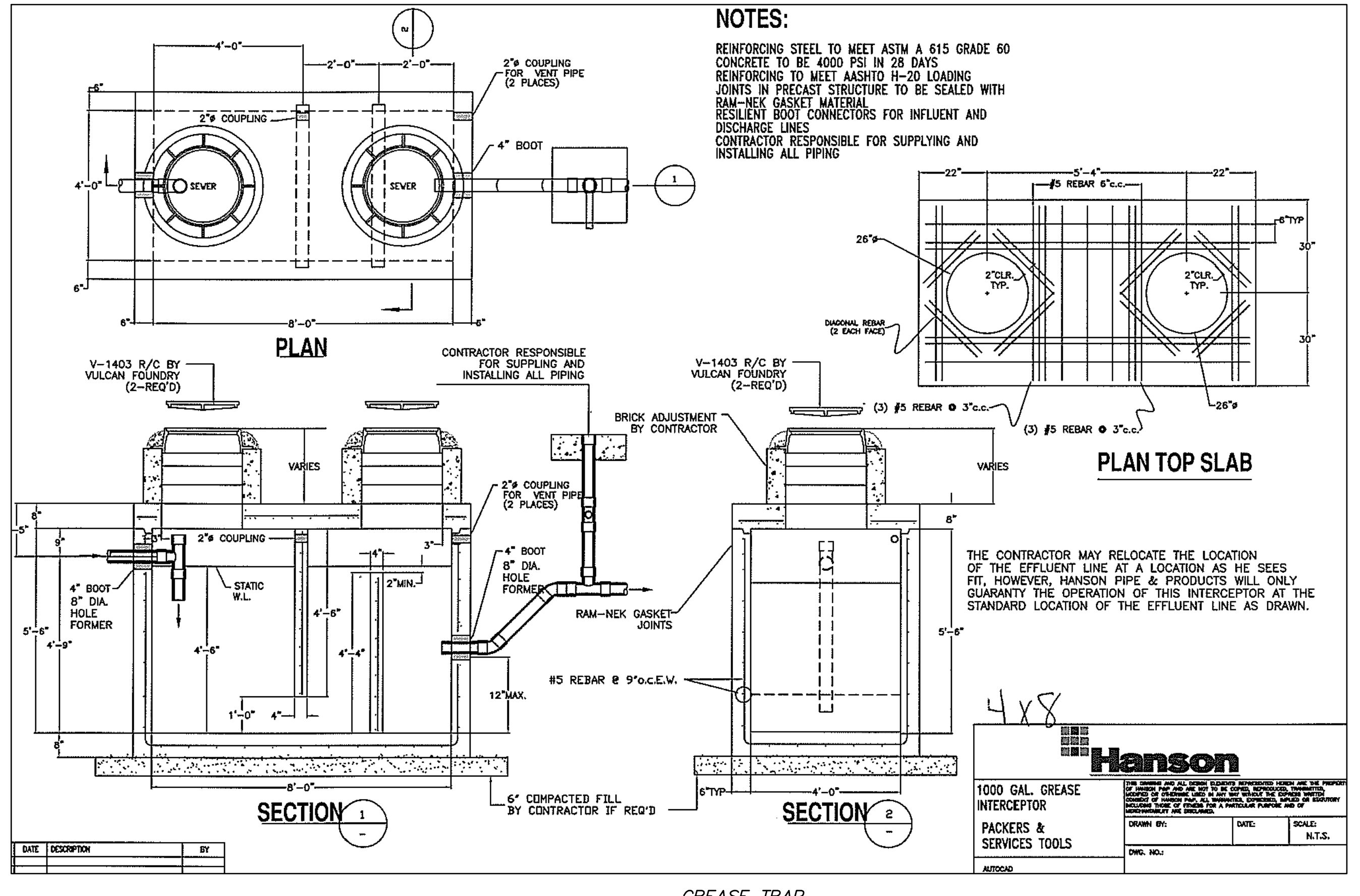
Table with columns: Normal Pipe Diameter (in.), Bend Type, and Bearing Area in Sq. Ft. for various diameters (4", 6", 8", 10", 12", 14", 16").



- THRUST BLOCK NOTES: 1. ON BENDS AND TEES, EXTEND THRUST BLOCKS... 2. PLACE BOARD IN FRONT... 3. POUR THRUST BLOCKS AGAINST UNDISTURBED SOIL... 4. IN BACK FILLING... 5. WRAP ALL FITTINGS... 6. BACK FILL MATERIAL... 7. ALL CONCRETE SHALL BE MINIMUM 2500 PSI... 8. THRUST BLOCKS SHALL BE AN ABSORBED COST... 9. MEGA LUG RESTRAINTS... 10. CONTRACTOR SHALL PROVIDE JOINT RESTRAINTS...



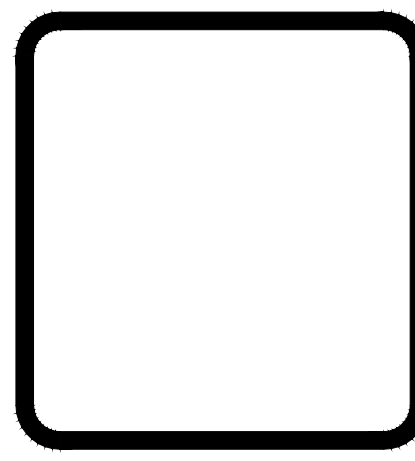
- TYPICAL TRENCH NOTES: 1. UNDERCUT EXCAVATION SHALL BE REQUIRED... 2. FOUNDATION MATERIAL SHALL BE PAID FOR... 3. BEDDING & HAUNCHING MATERIAL... 4. INITIAL BACKFILL SHALL BE AN ABSORBED COST... 5. IF CONTRACTOR PROPOSES TO USE NATIVE MATERIAL... 6.1. NATIVE MATERIAL IN OPEN AREAS... 6.2. SELECT MATERIAL IN TRENCHES... 7. TRENCH SETTLEMENT REPAIR... 8. DEWATERING OF ANY TRENCH...



Grease trap details including notes on reinforcing steel, contractor responsibilities, and a Hanson logo.

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WOOLDRIDGE & ASSOCIATES
 464 CHURCH RD. SUITE 700
 MADISON, MS 39110
 601-209-8885
 WOOLDRIDGEARCHITECTURE@YAHOO.COM

Magnolia District
 Church Road
 Gluckstadt, Mississippi

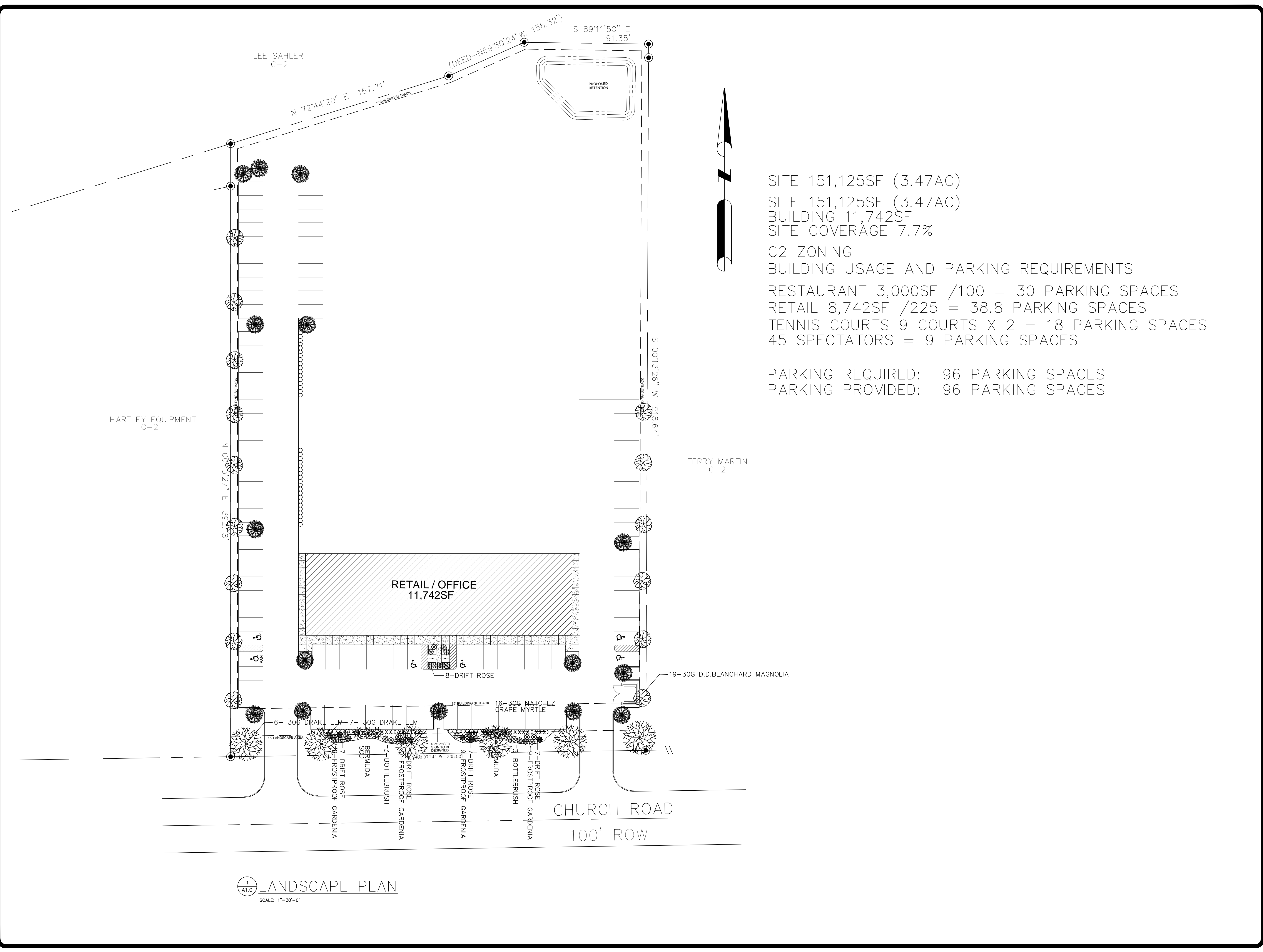
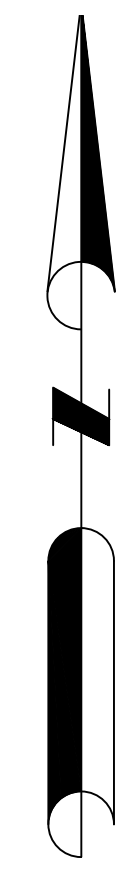
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| DRAWN |
| CHECKED |
| DATE 3/2/22 |
| SCALE |
| JOB NO. |
| SHEET |
| A0.1 |
| OF SHEETS |

SITE 151,125SF (3.47AC)
 SITE 151,125SF (3.47AC)
 BUILDING 11,742SF
 SITE COVERAGE 7.7%

C2 ZONING
 BUILDING USAGE AND PARKING REQUIREMENTS
 RESTAURANT 3,000SF /100 = 30 PARKING SPACES
 RETAIL 8,742SF /225 = 38.8 PARKING SPACES
 TENNIS COURTS 9 COURTS X 2 = 18 PARKING SPACES
 45 SPECTATORS = 9 PARKING SPACES

PARKING REQUIRED: 96 PARKING SPACES
 PARKING PROVIDED: 96 PARKING SPACES



1 LANDSCAPE PLAN
 SCALE: 1"=30'-0"

DW 3/28/2022 3:33 PM SITE PLAN.dwg

City of Gluckstadt

Application for Conditional Use

Subject Property Address: 608 Church Rd.

Parcel #: _____

Owner: Puckett Machinery

Applicant: Hastings Puckett

Address: PO Box 321033
Flowood, MS 39232

Address: _____

Phone #: _____

Phone #: 601 594-6975

E-Mail: _____

E-Mail: Hastings.Puckett@PuckettMachinery.com

Current Zoning District: _____

Acreage of Property (If applicable): 1

Use sought of Property: Build a warehouse building

Requirements of Applicant:

1. Letter demonstrating how the proposed use will comply with or otherwise satisfy the requirements for granting a Conditional Use pursuant to Section 804.01 of the Zoning Ordinance.
2. Copy of written legal description.
3. Additional items may be requested depending on the nature and status of the proposed development or property.
4. \$ 250.00 fee required for processing
5. Site Plan as required in Section 807-810

Requirements for Granting Conditional Use: (Section 805.01, Zoning Ordinance)

A Conditional Use shall not be granted unless satisfactory provisions and arrangements have been made concerning all the following:

- (a). Ingress and egress to property and proposed structures
- (b). Off-Street parking and loading areas
- (c). Refuse and service areas
- (d). Utilities, with reference locations, availability, and compatibility.
- (e). Screening and buffering with reference to type, dimensions, and character.
- (f). Required yards and other open spaces.
- (g). General compatibility with adjacent properties and other properties in the district.
- (h). Any other provisions deemed applicable by the Mayor and Board of Aldermen.

Applicant shall be present at the Planning and Zoning Commission meeting and Mayor and Board of Alderman meeting. Documents shall be submitted thirty (30) days prior to the Planning and Zoning Commission meeting.

Puckett Rents Gluckstadt Expansion and Conditional Use Permit Request

Project Summary:

Puckett Rents in Gluckstadt at 608 Church Rd was originally constructed and opened in 2005 on three acres of property purchased by its parent company, Puckett Machinery. Since 2005, Puckett Rents in Gluckstadt has seen its business grow consistent with the growth in Gluckstadt and Madison County. In 2018 an expansion to the business was done which included adding on additional warehouse space attached to the building, adding additional service bays to the shop, and expanding / developing the yard to the south by one acre to a total of four acres – four acres were originally purchased, but the original construction of the facility and yard only utilized three acres.

Fast forward five years and we’ve been fortunate to see our business continue to grow and find ourselves needing to do another expansion. The proposed expansion includes purchasing an additional one acre of land adjacent to our southern property line which will extend our property approximately 125’ to the south. This additional property would enable us to expand our yard to allow for better/safer traffic flow and to increase the amount of equipment storage space. There would be a seamless transition from our current yard to the new space as the yard material (crushed limestone) and usage equipment storage and truck traffic would be the same as the existing yard. The existing southern property line fence would be relocated to the new south property line and the east and west property line fences would be extended approximately 125’ along the new property line.

As part of this expansion, we will be converting warehouse space adjacent to our showroom into an expanded showroom and incorporating multiple offices and a conference room. We will also add approximately 3,700 sf of service bays to our shop. This addition will be relatively seamless to the existing shop and will share the same roof line, building materials, color, etc.

Finally, with the acre of yard space, we intend to build an approximate 6,000 sf warehouse building to increase our in-stock inventory of contractor supplies available for sale. This warehouse building’s appearance is designed to be consistent with the main building on the property. Building this warehouse building requires a conditional use permit. All items required by the City of Gluckstadt are included in this packet.

Regarding the granting of a conditional use permit:

- (a) Currently there are two separate gates on the east property line providing ingress / egress from our property to the side street. We propose permanently closing one of these and adding a new one further to the south. This would be done in order to operate more efficiently and safely as our yard has expanded to the south.
- (b) There will be no parking or loading required on the street
- (c) There will be no impact to refuse and service

- (d) There will be electricity and potentially gas extended to the warehouse building. The site already has both.
- (e) The site is located in an industrial area/park and there are currently no screenings or bufferings in place at our existing facility or any of our neighboring facilities.
- (f) N/A
- (g) The business is located in a an industrial area with warehouses and loading docks existing across the street.

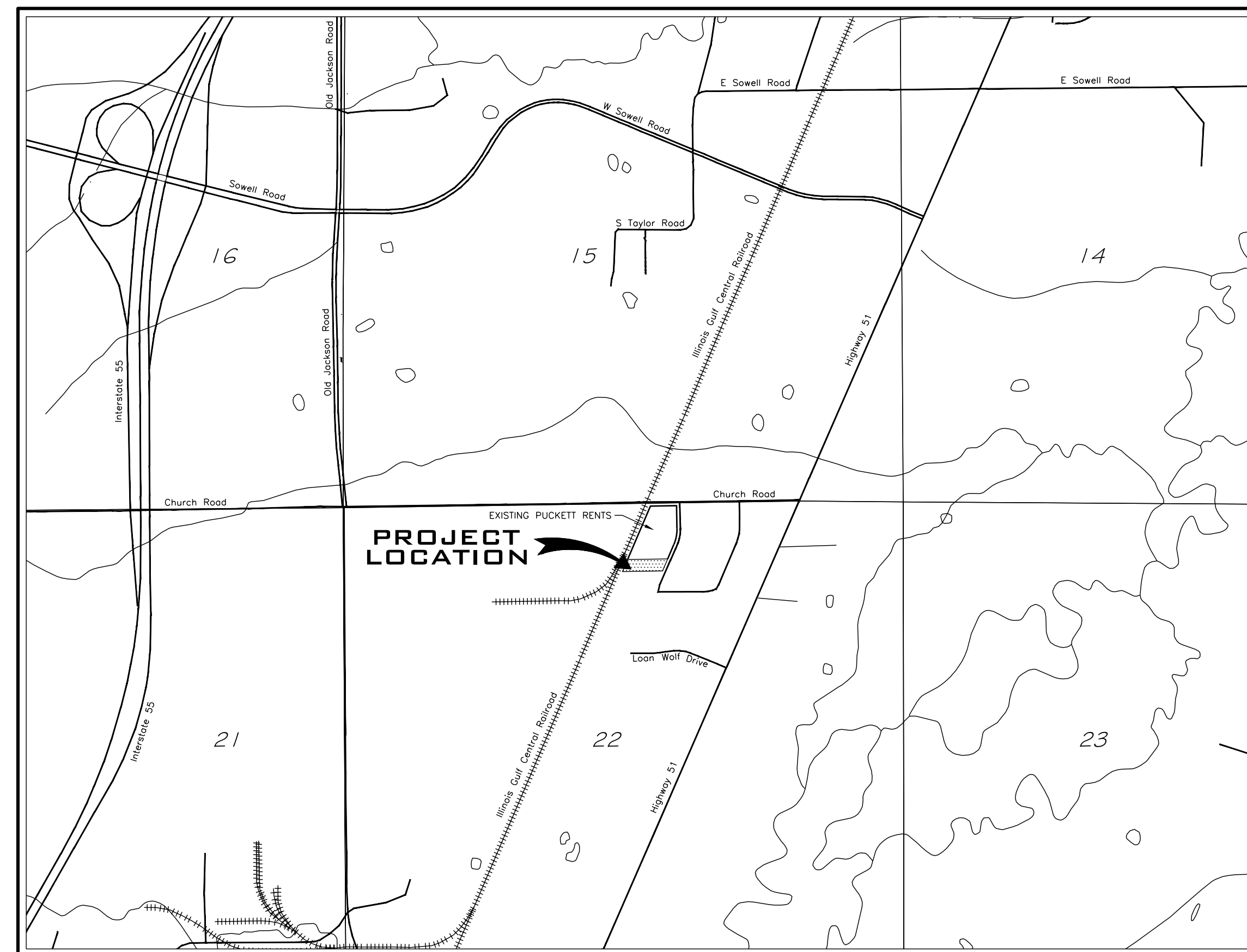
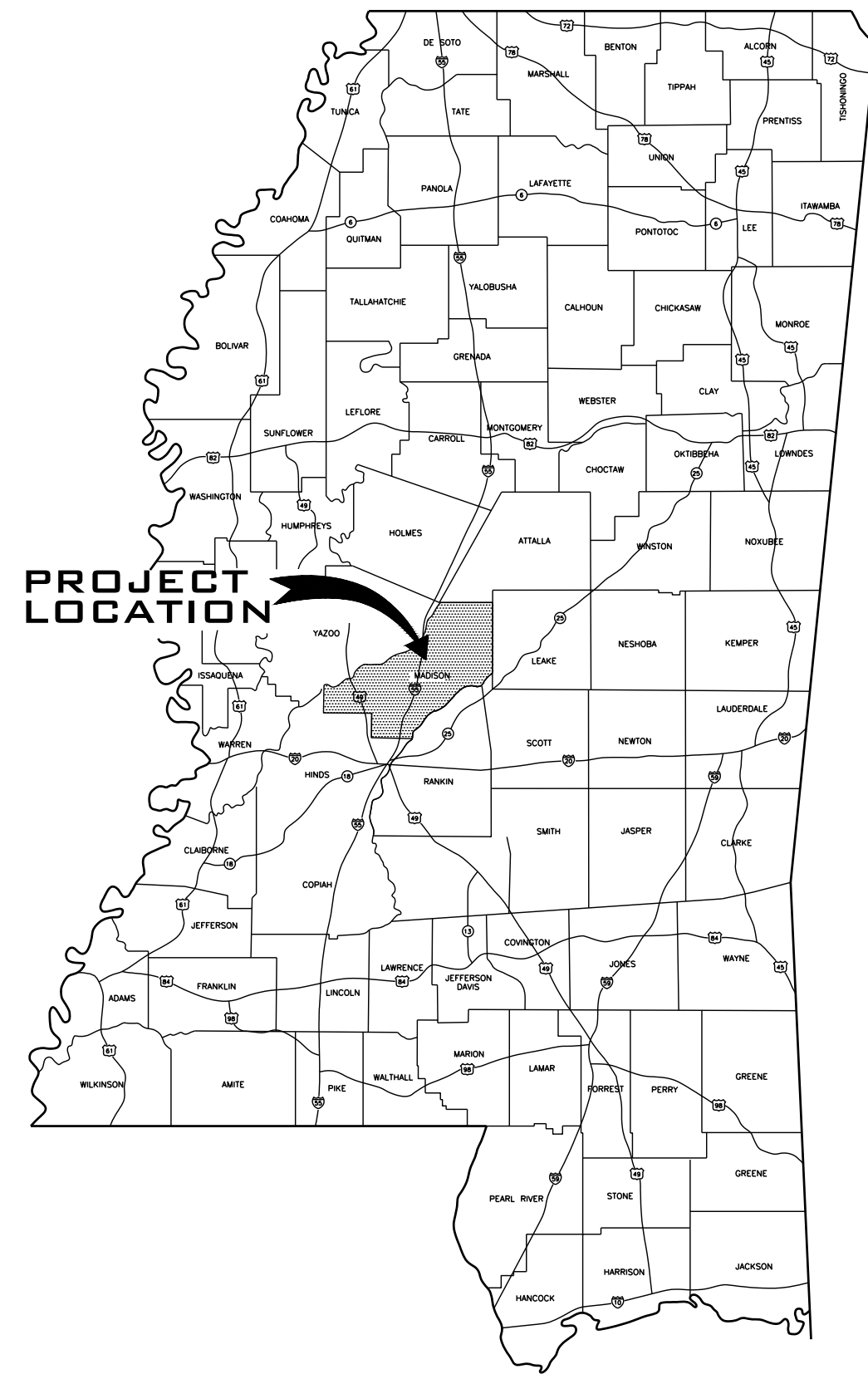
Sincerely,

Hastings Puckett
President, Puckett Machinery

PRELIMINARY CONSTRUCTION DRAWINGS FOR PUCKETT RENTS EXPANSION

NE 1/4 OF SECTION 22, T8N-R2E
GLUCKSTADT, MISSISSIPPI

A DEVELOPMENT
OF
PUCKETT MACHINERY COMPANY
100 CATERPILLAR DRIVE
FLOWOOD, MS 39232

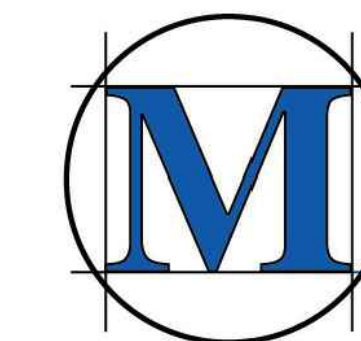


| DRAWING INDEX | |
|------------------------|-----------|
| TITLE | SHEET NO. |
| COVER SHEET | 1 |
| GENERAL NOTES | 2 |
| SITE PLAN | 3 |
| GRADING AND DRAINAGE | 4 |
| DETAILS | 5 |
| ARCHITECTURAL DRAWINGS | 6-8 |

NOT FOR
CONSTRUCTION

VICINITY MAP
SCALE: 1" = 1000'

CAUTION
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



M-MASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

DEMOLITION NOTES

1. DEMOLITION AND REMOVAL OPERATIONS SHALL COMMENCE ONLY AFTER ALL EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND FUNCTIONAL.
2. PROVIDE NEAT AND STRAIGHT SAWCUTS OF EXISTING PAVEMENT ALONG ALL LIMITS OF PAVEMENT DEMOLITION.
3. ALL DEMOLISHED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED. DISPOSE OF OFF THE OWNER'S PROPERTY IN A LEGAL MANNER.
4. ALL PAVEMENT, BASE COURSE, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., IN THE AREA TO BE REMOVED SHALL BE REMOVED TO FULL DEPTH. EXISTING BASE COURSE MATERIALS MAY BE WORKED INTO THE NEW PAVEMENT OR BUILDING SUBGRADE PROVIDED THAT THE GRADATION, CONSISTENCY, COMPACTION, SUBGRADE CONDITION, ETC., ARE IN ACCORDANCE WITH THE SPECIFICATIONS. BASE COURSE MATERIALS SHALL NOT BE WORKED INTO THE SUBGRADE OF AREAS TO RECEIVE PLANTING.
5. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK.
6. THE CONTRACTOR SHALL USE WATER SPRINKLING AND OTHER SUITABLE METHODS AS NECESSARY TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION WORK.
7. ALL ITEMS OF CONSTRUCTION REMAINING AND NOT SPECIFICALLY MENTIONED THAT INTERFERE WITH THE NEW CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
8. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL STREETS, FENCES, TREES, UTILITIES AND STRUCTURES THAT ARE TO REMAIN. CONTRACTOR-CAUSED DAMAGE SHALL BE REPAIRED TO MATCH AT NO ADDITIONAL COST TO THE OWNER.
9. CAVITIES LEFT BY STRUCTURE REMOVAL SHALL BE BACKFILLED WITH SATISFACTORY MATERIAL AND COMPACTED 98% OF MAXIMUM DENSITY PER ASTM D698 OR PER GEOTECHNICAL RECOMMENDATIONS IN THE DOCUMENTS.
10. CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. COORDINATE WITH LOCAL UTILITY COMPANIES PRIOR TO UTILITY DISCONNECT.
11. NOTIFY LOCAL UTILITY LOCATOR SERVICE OF INTENDED DEMOLITION OPERATIONS. SEE GENERAL UTILITY NOTE #4.
12. EXISTING INFORMATION/TOPOGRAPHIC SURVEY WAS PREPARED BY MCMASTER & ASSOCIATES, INC.
13. PAVEMENT MARKINGS TO BE REMOVED SHALL BE REMOVED WITH WIRE BRUSHINGS.
14. EXCEPT AS SHOWN, NO TREES SHALL BE REMOVED AND/OR VEGETATION DISTURBED WITHOUT APPROVAL OF THE ARCHITECT/ENGINEER.
15. TREE PROTECTION SHALL CONSIST OF THE FOLLOWING STEPS:
 - a. CONTRACTOR SHALL HIRE A LICENSED LANDSCAPE CONTRACTOR TO OVERSEE TREE PROTECTION.
 - b. PRIOR TO ANY GRADING OPERATIONS, LOCATE TREES TO BE PROTECTED AND NEATLY CUT ROOTS TO A DEPTH OF 30" AT THE DIMENSIONED LIMITS SHOWN USING A UTILITY TRENCHING MACHINE.
 - c. TREAT EXPOSED ROOTS WITH A HORTICULTURAL TREE PRUNING PROTECTION PRODUCT.
 - d. PRUNE TREE LIMBS BY THE SAME PROPORTIONAL PERCENTAGE AS TREE ROOTS REMOVED (I.E., 25% OF ROOTS REMOVED SHALL RESULT IN 25% OF TREE LIMBS REMOVED).
 - e. INSTALL A CONSTRUCTION FENCE TO THE LIMITS SHOWN AT LEAST 4' IN HEIGHT.
 - f. BEGIN CLEARING AND GRADING OPERATIONS.

GRADING, DRAINAGE AND EROSION CONTROL NOTES

1. NO TREES SHALL BE REMOVED NOR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES AND ONLY AS APPROVED BY THE ARCHITECT/ENGINEER.
2. IT IS THE OWNER'S INTENT TO PRESERVE ALL THE EXISTING SITE VEGETATION OUTSIDE THE LIMITS OF GRADING.
3. ALL TREES, INCLUDING YOUNG SAPPLINGS, PINES, AND UNDERSTORY SPECIES ARE TO BE PROTECTED AND SAVED IF THEY FALL OUTSIDE THE LIMITS OF GRADING, EVEN IF THEY ARE NOT LOCATED OR IDENTIFIED ON THE SURVEY.
4. SELECTIVE CLEARING BEYOND THE LIMITS OF GRADING SHALL CONSIST OF REMOVAL OF HONEYSUCKLE, HERBACEOUS SHRUBS, POISON IVY, AND NOXIOUS WEEDS. GRASS SHALL BE SOWN ON THE WHOLE SITE AFTER PREPARATION, AS NOTED IN THE SPECIFICATIONS.
5. TOPSOIL SHALL BE STRIPPED FROM ALL CUT AND FILL AREAS, STOCKPILED AND REDISTRIBUTED OVER-GRADED AREAS TO A MINIMUM DEPTH OF 6 INCHES. STOCKPILES SHALL BE FREE DRAINING AND PROVIDE EROSION AND SEDIMENTATION CONTROLS AROUND STOCKPILES. IMPORTED TOPSOIL TO A MINIMUM DEPTH OF 6 INCHES IS REQUIRED IN ALL AREAS BETWEEN BUILDING AND SIDEWALKS.
6. ALL GRADED AREAS SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS AFTER GRADING IS COMPLETED.
7. CONSTRUCT TEMPORARY EROSION CONTROL AS SHOWN ON THE DRAWING PRIOR TO BEGINNING GRADING OPERATIONS.
8. ALL DRAINAGE STRUCTURES, PIPES WITHIN THE LIMITS OF CONSTRUCTION, AND DETENTION PONDS SHALL HAVE SEDIMENT REMOVED PRIOR TO FINAL ACCEPTANCE.
9. SILT BARRIERS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 50% FILLED.
10. ALL LOCATIONS OF TEMPORARY EROSION CONTROL DEVICES SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ARCHITECT/ENGINEER.
11. WHEN THE TEMPORARY EROSION CONTROL DEVICES ARE NO LONGER REQUIRED FOR THE INTENDED PURPOSE (IN THE ARCHITECT/ENGINEER'S OPINION), THEY SHALL BE REMOVED.
12. REPLACE DAMAGED AND WORN OUT SILT BARRIERS AS NEEDED OR AS DIRECTED BY THE ARCHITECT/ENGINEER.
13. THE CONTRACTOR SHALL PROTECT ALL TREES DESIGNATED TO REMAIN. DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE/STORE MATERIALS, WITHIN THE DRIPLINES OF TREES.
14. TOP OF GRATE ELEVATIONS FOR CURB INLETS ARE GIVEN TO THE CENTER OF THE INLETS AT THE FACE OF CURB. THE GRATES SHALL SLOPE LONGITUDINALLY WITH THE PAVEMENT GRADE. ADJUST THE CASTING TO FALL ALONG THE CURB LINE.
15. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, PROTECT UTILITIES TO REMAIN, AND REPAIR CONTRACTOR-CAUSED DAMAGE ACCORDING TO LOCAL STANDARDS AT CONTRACTOR'S EXPENSE.
16. NOTIFY LOCAL UTILITY LOCATOR SERVICE OF INTENDED EXCAVATION/UTILITY TRENCHING OPERATIONS.
17. IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE DRAWINGS OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
18. THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS.
19. SPOT ELEVATIONS AND CONTOURS REPRESENT PROPOSED FINISHED GRADE AND TOP OF DIRT ELEVATIONS UNLESS OTHERWISE NOTED.
20. CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND INVERTS PRIOR TO BEGINNING WORK.
21. EXCESS MATERIAL SHALL BE DISPOSED OFF BY THE CONTRACTOR OFF THE OWNER'S PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER.
22. CONTOUR LINES AND SPOT ELEVATIONS ARE THE RESULT OF A DETAILED ENGINEERING GRADING DESIGN AND REFLECT A PLANNED INTENT WITH REGARD TO DRAINAGE. SHOULD THE CONTRACTOR HAVE ANY QUESTION OF THIS INTENT OR ANY PROBLEMS WITH CONTINUITY OF GRADES, THE ARCHITECT/ENGINEER SHALL BE CONTACTED PRIOR TO BEGINNING WORK.
23. EXISTING MANHOLE CASTINGS TO REMAIN SHALL BE RESET TO MATCH NEW GRADE.
24. ALL CURBS AND SIDEWALKS SHALL BE BACKFILLED WITH TOPSOIL, AND SEEDED AND MULCHED, UNLESS OTHERWISE NOTED.
25. ALL PIPES SHALL BE BACKFILLED WITH SATISFACTORY MATERIAL COMPACTED TO 98% OF MAXIMUM PER ASTM D698.
26. ALL STORM DRAINAGE PIPE SHALL BE R.C.P. UNLESS OTHERWISE NOTED, AND COMPLETELY WRAPPED WITH TYPE V FILTER FABRIC AT ALL JOINTS. FILTER FABRIC SHALL BE 18" WIDE AND OVERLAP 8". LIFT HOLES SHALL BE GROUTED AND SEALED WATER TIGHT AND COVERED WITH FILTER FABRIC. PIPE LENGTHS SHOWN ARE APPROXIMATE.
27. ALL CUT AND FILL SLOPES TO BE 3:1 MAXIMUM, UNLESS OTHERWISE NOTED.
28. ALL HEADWALLS SHALL HAVE A MINIMUM 10'x20'x1.5" RIP-RAP APRON INSTALLED USING 8" MIN. DIAMETER STONE, UNLESS OTHERWISE SPECIFIED.
29. SATISFACTORY TOPSOIL IS DEFINED AS SOIL BEING FREE OF SUBSOIL, CLAY LUMPS, STONES, AND OTHER OBJECTS OVER 1 INCH IN DIAMETER, OR CONTAMINANTS.
30. AFTER STRIPPING TOPSOIL, PROOFROLL SUBGRADE WITH A LOADED DUMP TRUCK WITH A MINIMUM WEIGHT OF 20 TONS.
31. FINISH GRADES TOLERANCES ARE 0.10 FOOT ABOVE OR BELOW DESIGN ELEVATIONS
32. PROVIDE TEMPORARY SEEDING ON STOCKPILES AND ALL OTHER AREAS OF THE SITE THAT WILL REMAIN UNDISTURBED FOR 30 DAYS OR MORE.
33. PLACEMENT OF EARTHWORK FILL SHALL BE IN MAX. 8" COMPACTED LIFTS WITH DENSITY OF 98% OF MAXIMUM PER ASTM D698.

LAYOUT & PAVING NOTES

1. THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO BEGINNING WORK.
2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, AND REPAIR CONTRACTOR CAUSED DAMAGE ACCORDING TO CURRENT LOCAL STANDARDS AND AT THE CONTRACTOR'S EXPENSE COORDINATES ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
3. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL PERMITS, AND PAY ALL FEES PRIOR TO BEGINNING WORK.
4. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES PRIOR TO INSTALLATION OF PAVEMENT.
5. THE CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN, IN ACCORDANCE WITH THE SPECIFICATIONS DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE, NOR STORE MATERIALS WITHIN THE DRIP-LINES OF TREES OR OUTSIDE THE LIMIT OF GRADING.
6. CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH. ALL CONCRETE SHALL BE 4,000 P.S.I. UNLESS OTHERWISE NOTED. CURB RAMPS, SIDEWALK SLOPES, AND DRIVEWAY RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT LOCAL REQUIREMENTS. IF APPLICABLE, THE CONTRACTOR SHALL REQUEST INSPECTION OF SIDEWALK AND RAMP FORMS PRIOR TO PLACEMENT OF CONCRETE.
7. ALL DAMAGE TO EXISTING ASPHALT PAVEMENT TO REMAIN WHICH RESULTS FROM NEW CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AT CONTRACTOR'S EXPENSE.
8. DIMENSIONS ARE TO THE EDGE OF PAVEMENT, EDGE OF CONCRETE, OR TO THE FACE OF BUILDING, UNLESS OTHERWISE NOTED.
9. COORDINATES ARE FOR FACE OF BUILDINGS, CENTER LINES OF DRIVEWAYS, CENTER OF SANITARY SEWER MANHOLES, AND CENTER AT FACE OF CURB INLETS, UNLESS OTHERWISE NOTED.
10. EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AS DIRECTED BY THE OWNER/ENGINEER.

STORMWATER POLLUTION PREVENTION NOTES

1. REFER TO EROSION CONTROL PLAN FOR ADDITIONAL REQUIREMENTS.
2. THE OWNER AND THE CONTRACTOR ARE REQUIRED TO SUBMIT A NOTICE OF INTENT (NOI) TO DISCHARGE CONSTRUCTION ACTIVITY STORMWATER APPLICATION TO THE LOCAL MISSISSIPPI ENVIRONMENTAL ASSISTANCE CENTER AT LEAST 30 DAYS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR AND OWNER SHALL PROVIDE (WITH THE (NOI) FOR THIS PROJECT) EXISTING NPDES PERMIT TRACKING NUMBERS FOR SITES WHERE BORROW MATERIAL MAY BE OBTAINED AND WHERE SPOIL MATERIAL MAY BE PLACED SHOULD PERMITS NOT EXIST FOR BORROW AND SPOIL SITES. SEPARATE (NOI)'S SHALL BE PROVIDED BY THE OWNER AND CONTRACTOR.
3. THE NOTICE OF COVERAGE (NOC) OF THE PERMIT TO DISCHARGE CONSTRUCTION-ACTIVITY STORMWATER SHALL BE POSTED NEAR THE CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL HAVE A SET OF APPROVED EROSION CONTROL PLANS ON SITE DURING ALL CONSTRUCTION.
4. THE CONSTRUCTION ACTIVITY ANTICIPATED ON THIS PROJECT INCLUDES CLEARING, GRUBBING, GRADING, TOPSOILING, AND SEEDING.
5. THE APPROXIMATE TOTAL AREA OF THE SITE IS ±1.0 ACRES. THE APPROXIMATE TOTAL AREA OF GRADING PROPOSED IS ±1.0 ACRES.
6. THE ANTICIPATED FILL MATERIAL WILL CONSIST OF ON-SITE SOIL AND/OR OFF-SITE SOIL BORROW MATERIALS.
7. THE RECEIVING WATER/STORM SEWER OPERATOR IS THE CITY OF GLUCKSTADT, AND THE STATE OF MISSISSIPPI.
8. CONSTRUCTION SHALL BE SEQUENCED TO MINIMIZE EXPOSURE TIME OF CLEARED SURFACE AREA. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONAL PRIOR TO EARTH MOVING OPERATIONS. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY, AND AT MAXIMUM 7 CALENDAR DAYS IN DRY PERIODS AND WITHIN 24 HOURS OF ANY RAINFALL EXCEEDING 0.5 INCH PER 24 HOUR PERIOD.
9. THE CONTRACTOR SHALL DESIGNATE IN WRITING THE NAME AND PHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS.
10. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE REMOVED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING. ALL GRADED AREAS EXPECTED TO REMAIN UNFINISHED AND UNWORKED FOR MORE THAN 30 CALENDAR DAYS SHALL BE COVERED WITH TEMPORARY GRASS, SOD, STRAW, MULCH OR FABRIC MATS. PERMANENT SOIL STABILIZATION SHALL BE INSTALLED WITHIN 7 CALENDAR DAYS OF FINAL GRADING.
11. THE CONTRACTOR SHALL MAINTAIN RECORDS OF EROSION CONTROL INSPECTIONS AND REPAIRS FOR A MINIMUM OF 3 YEARS AFTER COMPLETION OF CONSTRUCTION.
12. TEMPORARY SEEDING FOR MISSISSIPPI PROJECTS INCLUDE THE FOLLOWING:
 JAN 1- MAY 1 ITALIAN RYE/KOREAN LESPEDEZA/SUMMER OATS
 MAY 1- JULY 15 SUDAN OT STARR MILLET
 JULY 15-JAN 1 BALBOA RYE/ITALIAN RYE
13. MULCHING SHALL CONSIST OF LOOSE HAY OR STRAW APPLIED AT THE RATE OF 2 TONS/ACRE.
14. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM TRAPS, SILT FENCES, SEDIMENT PONDS, ETC. AS NECESSARY AND WHEN CAPACITY HAS BEEN REDUCED BY 50%.
15. STOCKPILES SHALL BE STABILIZED AND PROTECTED FROM EROSION.
16. UPON COMPLETION OF SITE STABILIZATION, THE OWNER AND CONTRACTOR SHALL PROVIDE A NOTICE OF TERMINATION (NOT) FOR THE PROJECT TO THE MS DEPARTMENT OF ENVIRONMENTAL QUALITY. A COPY OF THE (NOT) SHALL BE PROVIDED TO THE ENGINEER.

| Revisions | | | | |
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| Project No. | M-3180 | Designed By | R.C.M. |
| Date | 11-10-2023 | Drawn By | N.S.G. |
| Scale | SEE ABOVE | Checked By | R.C.M. |

PUCKETT RENTS EXPANSION
GLUCKSTADT, MISSISSIPPI

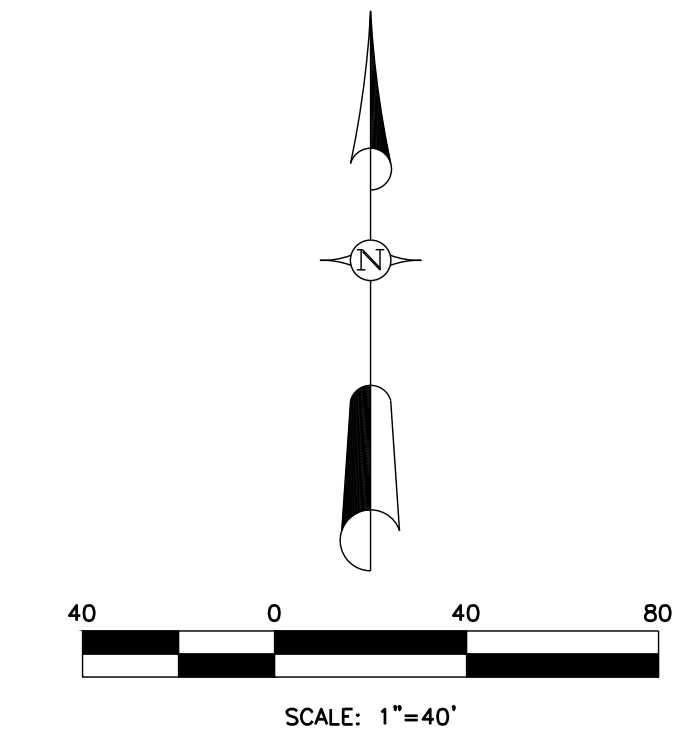
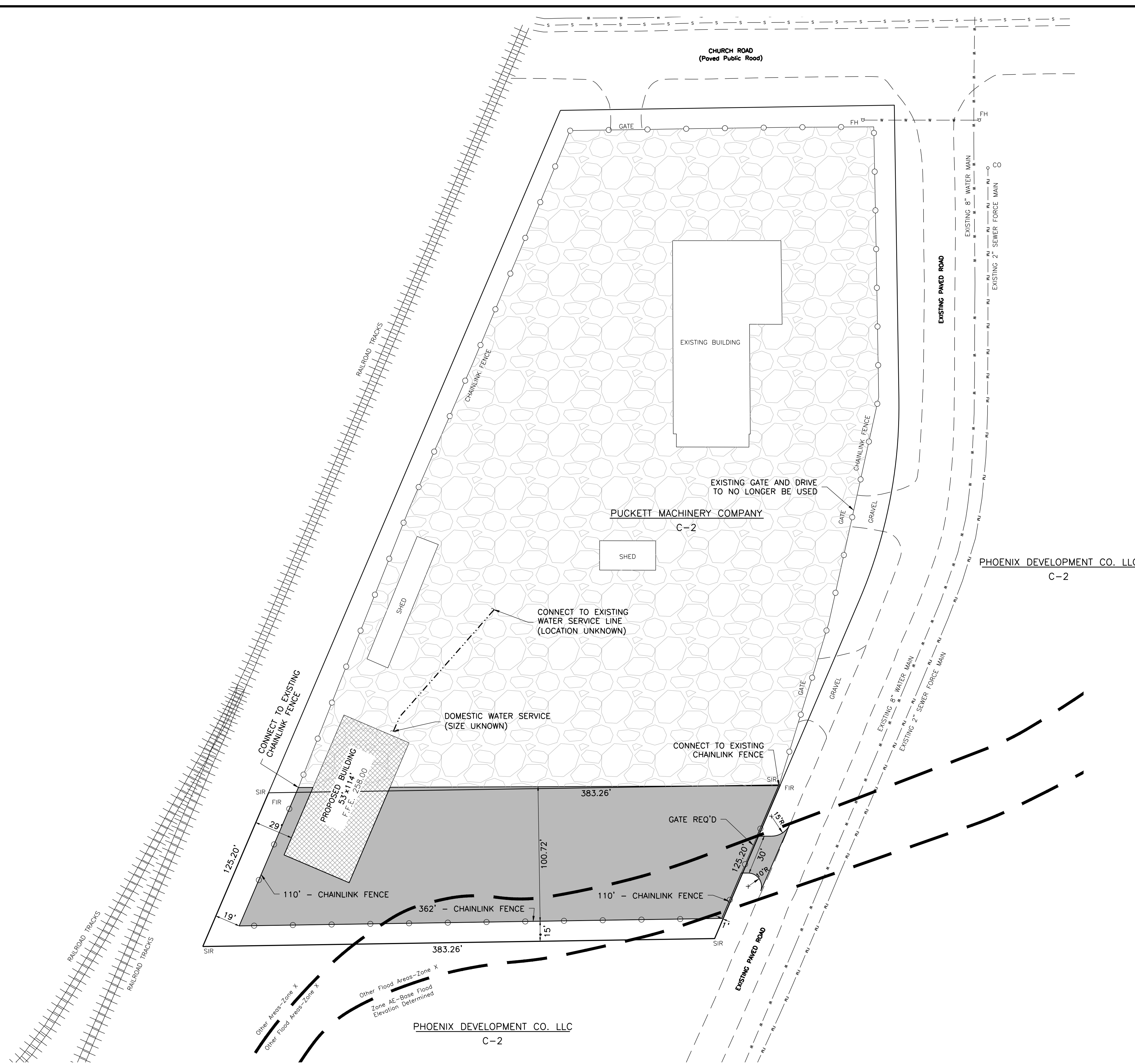


MCMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

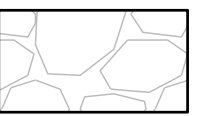


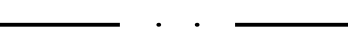
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

**PRELIMINARY
NOT FOR
CONSTRUCTION**

GENERAL NOTES
2



SITWORK LEGEND

-  EXISTING CRUSHED STONE
- PROPOSED 10" CRUSHED LIMESTONE WITH GEOTEXTILE FABRIC
-  PROPOSED BUILDING
-  PROPOSED CHAIN LINK FENCE
-  PROPOSED WATER LINE

- NOTES:**
1. THE TOTAL AREA OF THIS DEVELOPMENT IS ±1.00 AC./43,560 SF., MORE OR LESS. THE BREAKDOWN OF THIS AREA IS AS FOLLOWS:
 BUILDING - 6,042 S.F.
 CRUSHED STONE AREA - 33,831 S.F.
 OPEN AREA - 3,686 S.F.
 TOTAL - 43,560 S.F.
 2. BUILDING SETBACKS:
 FRONT = 35'
 SIDE = 5'
 REAR = 5'
 3. THIS BUILDING WILL BE UTILIZED AS STORAGE/WAREHOUSE FACILITY.
 4. THIS PROPERTY IS ZONED C-2 IN THE CITY OF GLUCKSTADT.
 5. THE PREMISES ARE SITUATED IN "SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD, ZONE AE-BASE FLOOD ELEVATIONS DETERMINED." THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. THE SPECIAL FLOOD HAZARD AREA IS THE AREA SUBJECT TO FLOOD BY THE 1% ANNUAL CHANCE FLOOD. AREAS OF SPECIAL FLOOD HAZARD INCLUDE ZONES A, AE, AH, AO, AR, A99, V, AND VE. THE BASE FLOOD ELEVATION IF THE WATER-SURFACE ELEVATION OF THE 1% ANNUAL CHANCE FLOOD.
- ALSO:
- THE PREMISES ARE SITUATED IN "OTHER FLOOD AREAS-ZONE X." AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.
- ALSO:
- THE PREMISES ARE SITUATED IN "OTHER AREAS-ZONE X." AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
- ALL ZONES REFERENCED ABOVE ARE FURTHER DESCRIBED AND SHOWN ON FIRM MAP NUMBER 28089C0415F, REVISED DATE OF MARCH 17, 2010.
6. ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH THE CITY OF GLUCKSTADT SPECIFICATIONS.

| Revisions | | | | |
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| Project No. | M-3180 | Designed By | R.C.M. |
| Date | 11-10-2023 | Drawn By | N.S.G. |
| Scale | SEE ABOVE | Checked By | R.C.M. |

PUCKETT RENTS EXPANSION
 GLUCKSTADT, MISSISSIPPI

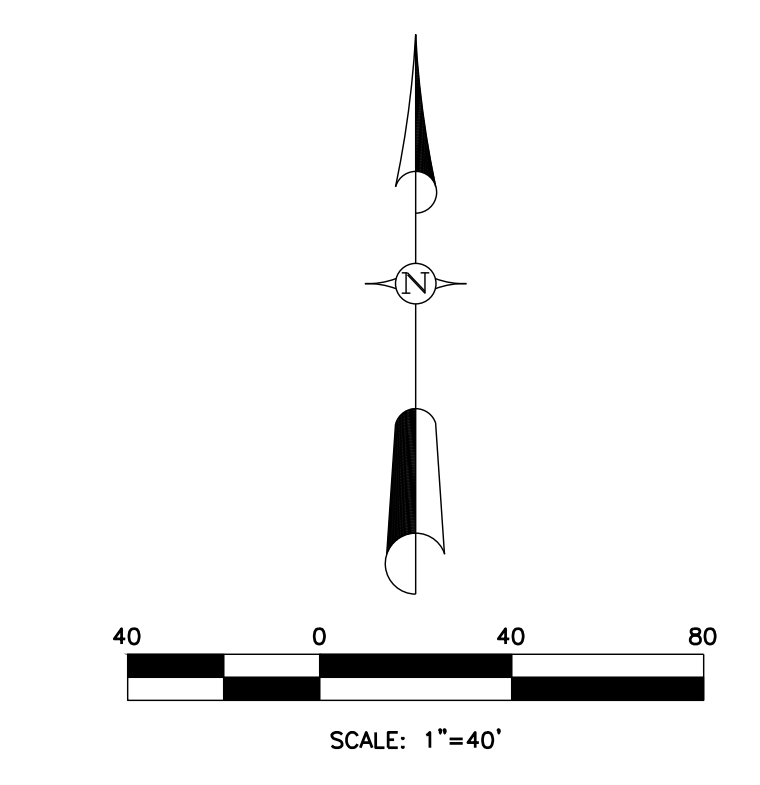
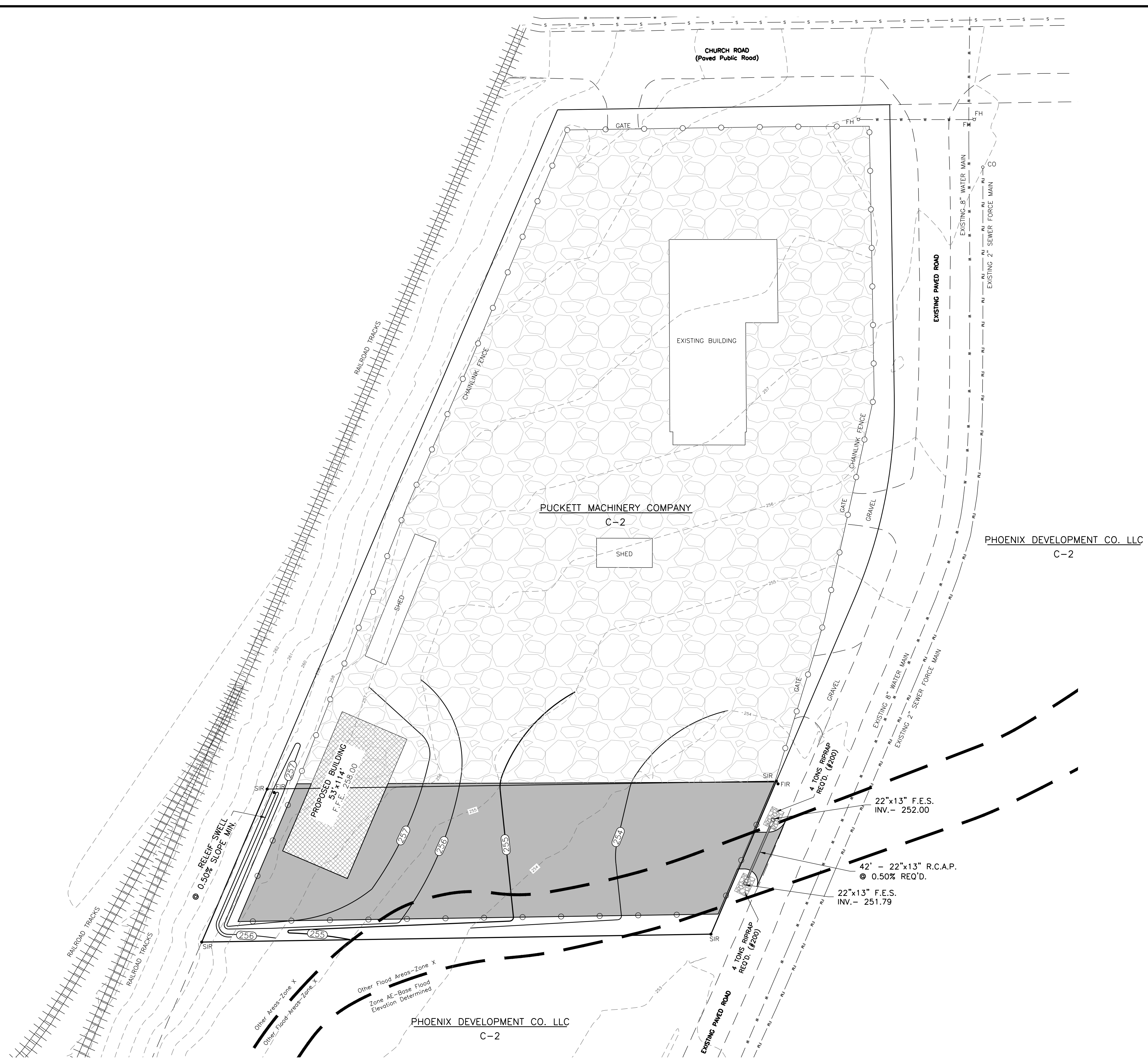


M'MASTER & ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS

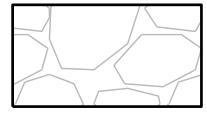

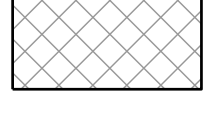
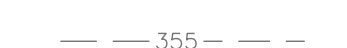
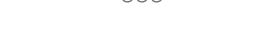
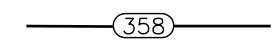
212 WATERFORD SQUARE
 SUITE 300
 MADISON, MS 39110
 601.605.1090

PRELIMINARY
 NOT FOR
 CONSTRUCTION

SITE PLAN
3



SITWORK LEGEND

-  EXISTING CRUSHED STONE
-  PROPOSED 10" CRUSHED LIMESTONE WITH GEOTEXTILE FABRIC
-  PROPOSED BUILDING
-  PROPOSED CHAIN LINK FENCE
-  EXISTING CONTOUR
-  PROPOSED CONTOUR

NOTES:
1. CONTOUR INTERVAL = 1.00 FEET.

| Revisions | | | | |
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| Project No. | M-3180 | Designed By | R.C.M. |
| Date | 11-10-2023 | Drawn By | N.S.G. |
| Scale | SEE ABOVE | Checked By | R.C.M. |

PUCKETT RENTS EXPANSION
GLUCKSTADT, MISSISSIPPI



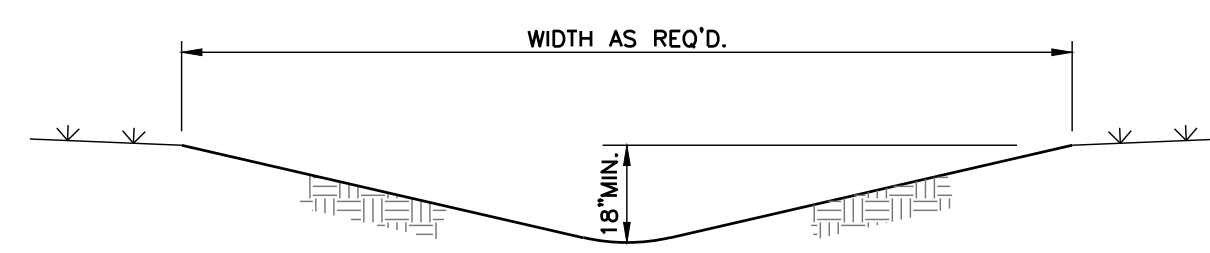
M'MASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

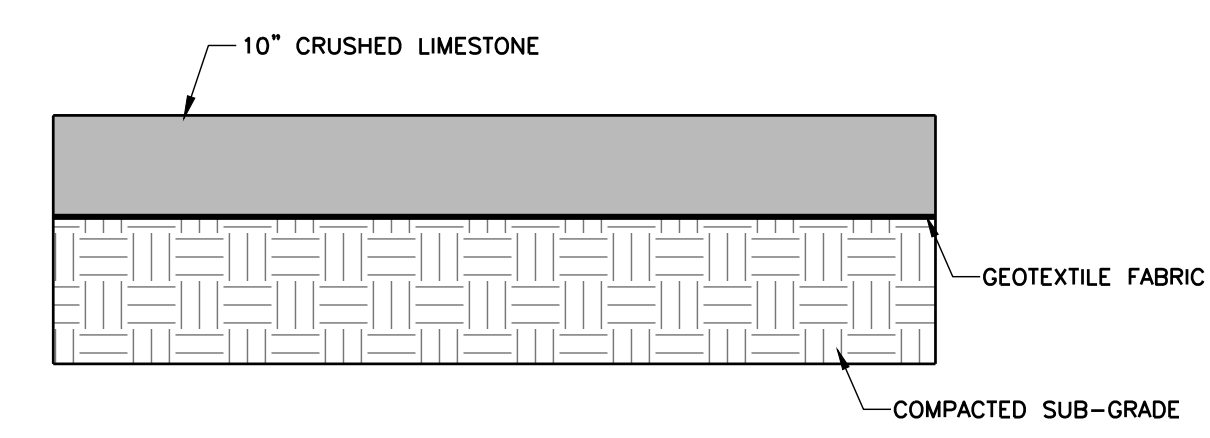
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NOT FOR
CONSTRUCTION

GRADING AND
DRAINAGE

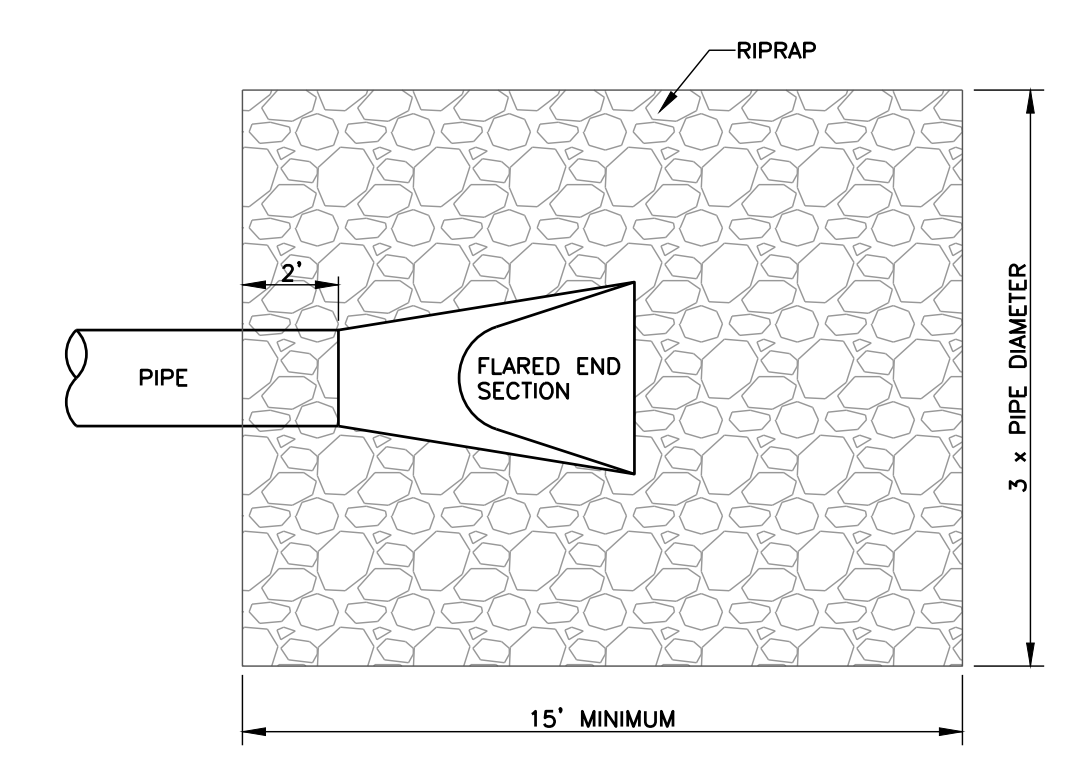
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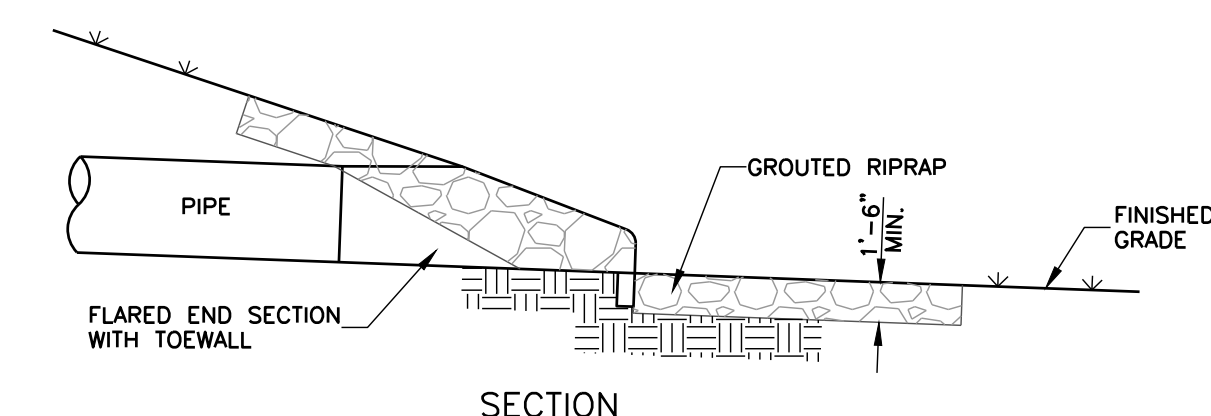
RELIEF SWALE



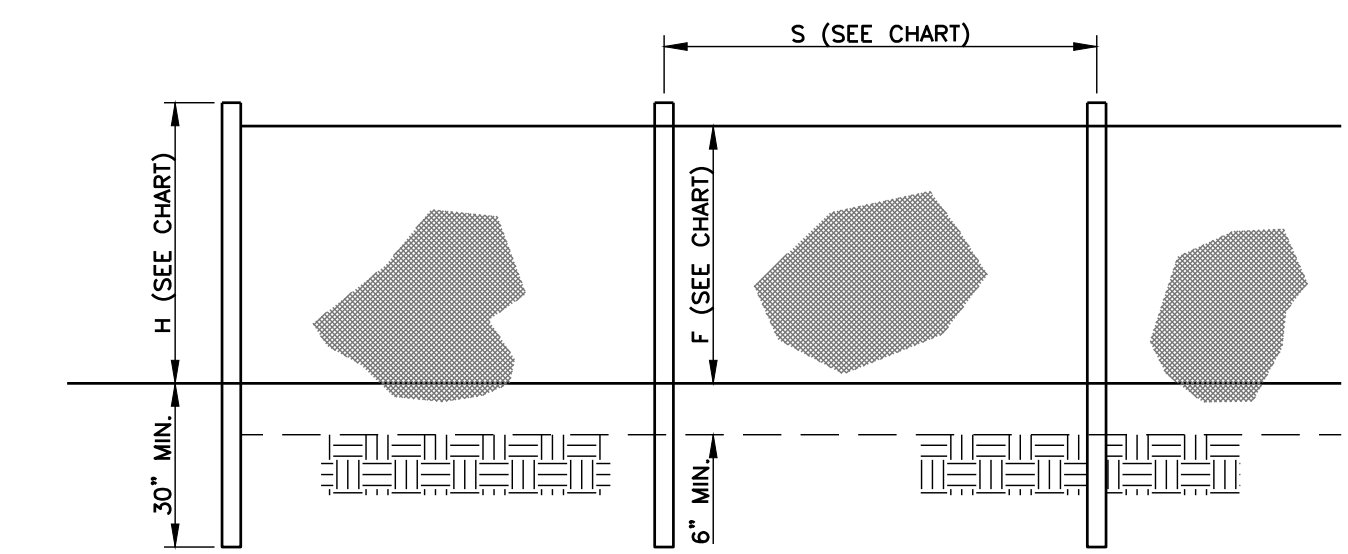
CRUSHED STONE DETAIL
N.T.S.



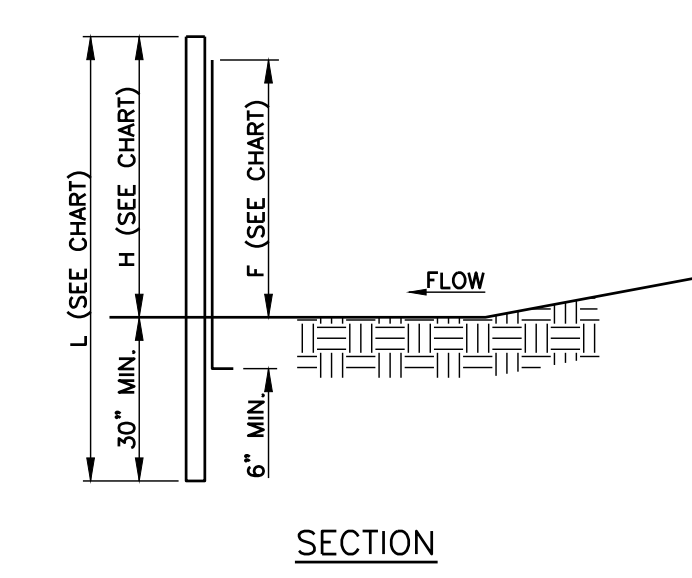
PLAN VIEW



FLARED END SECTION WITH RIPRAP DETAILS
N.T.S.



ELEVATION



SECTION

| | WITHOUT BACKING | | WITH BACKING | |
|---|-------------------|------------|-------------------|------------|
| | WARP - 120 | FILL - 100 | WARP - 150 | FILL - 200 |
| MIN. LENGTH = L | 58' | 58' | 58' | 58' |
| MIN. HEIGHT = H | 2'-0" | 2'-6" | 2'-6" | 2'-6" |
| MAX. SPACING = S | 6'-0" | 6'-0" | 6'-0" | 6'-0" |
| MIN. FABRIC WIDTH | 28' | 28' | 28' | 28' |
| MATERIAL | 1.25 LB/FT. STEEL | | 1.25 LB/FT. STEEL | |
| TENSILE STRENGTH (LBS. MIN./11') (ASTM D-4852) | WARP - 120 | FILL - 100 | WARP - 150 | FILL - 200 |
| ELONGATION (% MAX.) (ASTM D-4852) | 20 | ..... | ..... | ..... |
| AOS (APPARENT OPENING SIZE) (MAX. SIEVE SIZE) (ASTM D-4751) | #30 | #30 | #70 | #70 |
| FLOW RATE (GAL./MIN./SQ. FT.) (DOT #1) (MAX.) | 4 | 18 | ..... | ..... |
| ULTRAVIOLET STABILITY (2) (ASTM D-4632 AFTER 300 HOURS WEATHERING IN ACCORDANCE WITH ASTM D-4855) | 70 | 90 | ..... | ..... |
| BURSTING STRENGTH (PSI/MIN.) (ASTM D-3763 GRAPHIC/BAM BURSTING STRENGTH TESTER) | 250 | 400 | ..... | ..... |
| MIN. FABRIC WIDTH (INCHES) = F-4" | 36 | 36 | ..... | ..... |

- NOTES:
- USE SILT FENCE WITHOUT BACKING UNLESS OTHERWISE NOTED.
 - SILT FENCE SHALL BE INSTALLED USING A MECHANICAL TRENCHING MACHINE.
 - FABRIC, IN AREAS WHERE ROCK PROHIBITS PROPER EMBEDMENT, SHALL BE SECURED BY PLACING CLEAN CRUSHED STONE OR SAND ALONG THE BASE OF THE FENCE, 20 POUNDS OF STONE OR SAND PER FOOT, MINIMUM.
 - FILTER FABRIC SHALL BE FASTENED TO POSTS WITH A MINIMUM OF FIVE WIRES OR PLASTIC ZIP TIES WITH A MINIMUM OF 50 LBS. TENSILE STRENGTH.
 - CONTRACTOR SHALL PERIODICALLY REMOVE ACCUMULATED SEDIMENT WHEN SEDIMENT DEPTH REACHES 12".

SILT FENCE INSTALLATION DETAILS
N.T.S.

| Revisions | | | | |
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PUCKETT RENTS EXPANSION
GLUCKSTADT, MISSISSIPPI



MMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

PRELIMINARY
NOT FOR
CONSTRUCTION

DETAILS
5



COOKE
DOUGLASS
FARR
LEMONS
ARCHITECTS



ENGINEERS PA

cdfl.com
601.366.3110
3100 N State St
Suite 200
Jackson, MS
39216

Revisions

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Project number

21-200

Date

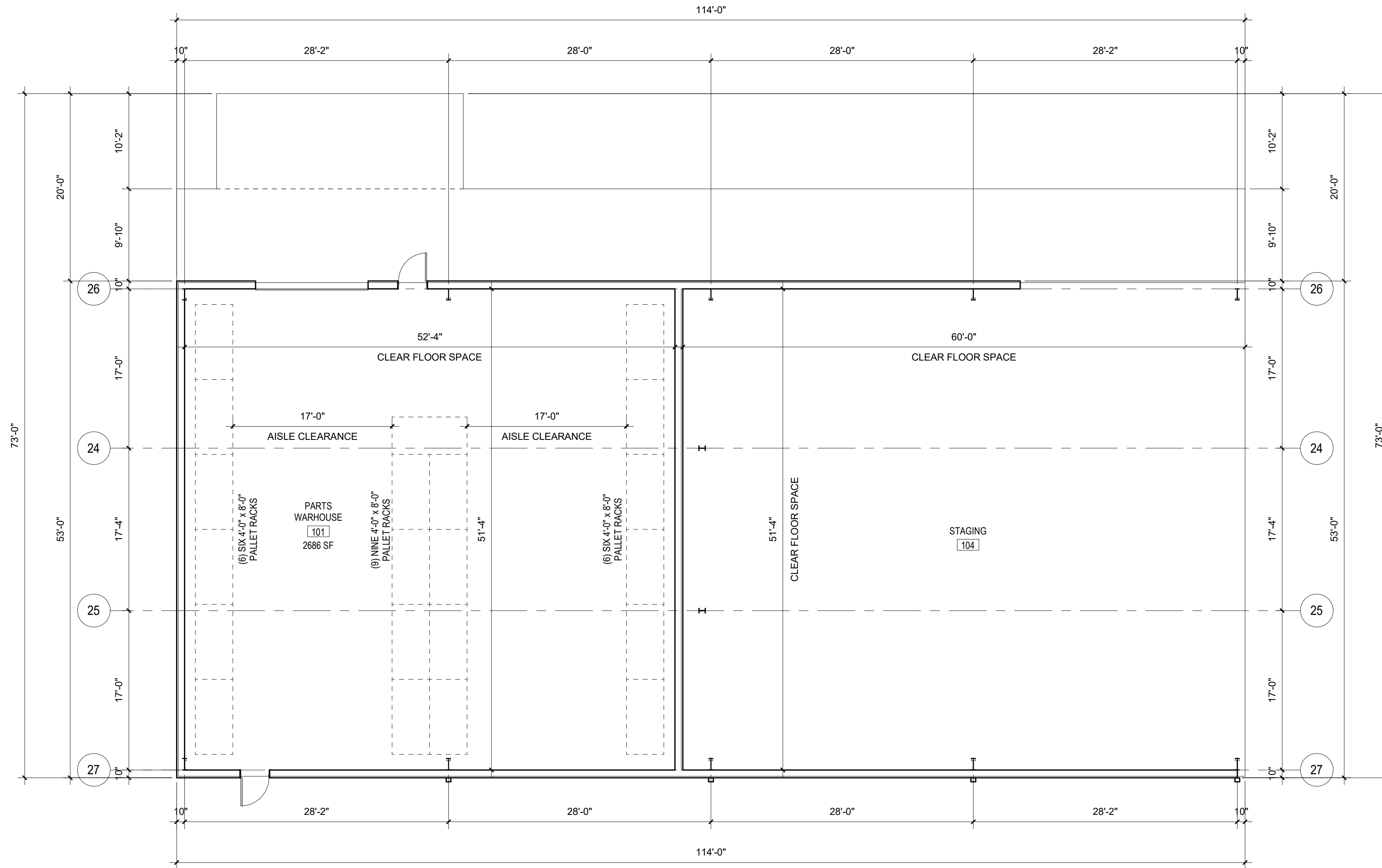
11.02.23

Drawn By

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RENOVATIONS
AND
ADDITIONS
PUCKETT
RENTS

MADISON, MS



1
A-112
DIMENSIONED FLOOR PLAN
1/8" = 1'-0"

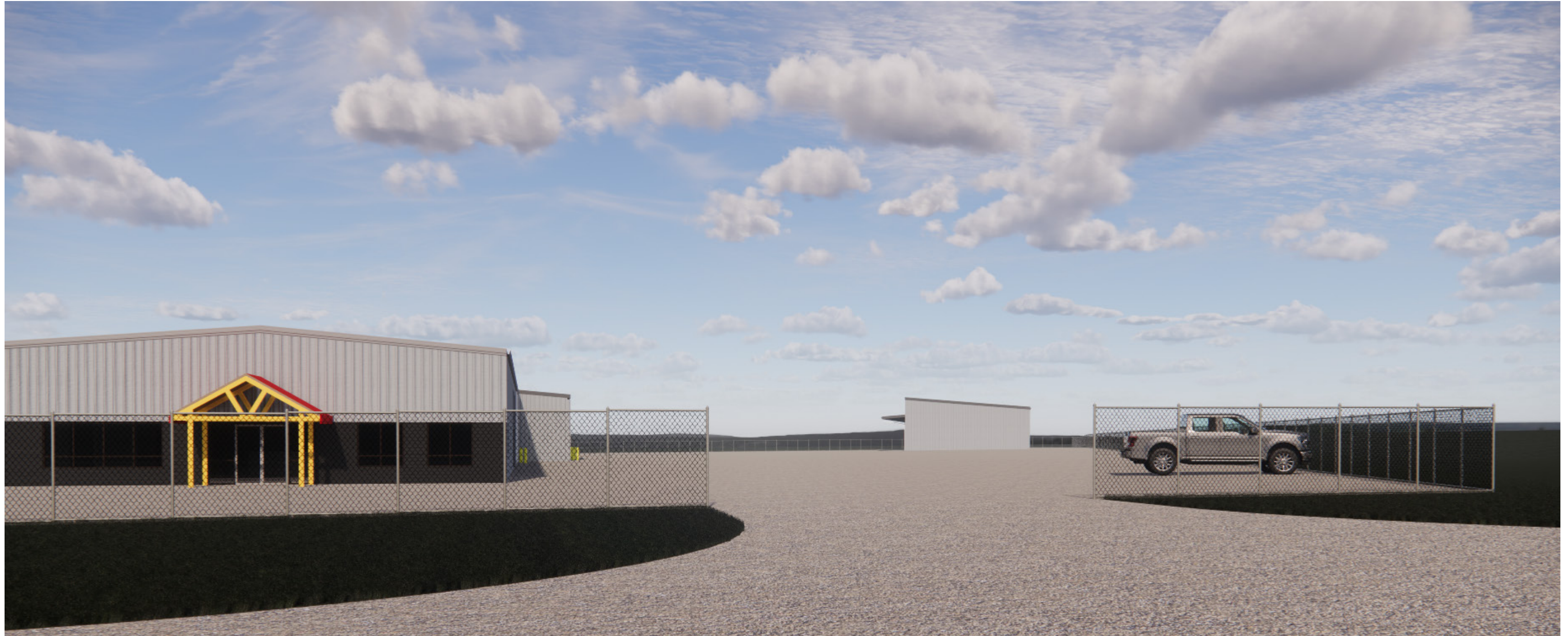


DIMENSIONED
FLOOR PLAN -
WAREHOUSE

A-112

PUCKETT RENTS

RENDERING FROM CHURCH ROAD



PUCKETT RENTS

RENDERING FROM SERVICE ROAD



City of Gluckstadt

Application for Site Plan Review

Subject Property Address: 608 Church Rd

Parcel #: _____

Owner: Puckett Machinery Company

Applicant: Hastings Puckett

Address: PO Box 321033
Flowood, MS 39232

Address: _____

Phone #: _____

Phone #: 601 594-6975

E-Mail: _____

E-Mail: Hastings.Puckett@PuckettMachinery.com

Current Zoning District: _____

Acreage of Property (If applicable): 1

Use sought of Property: expand existing "yard" and construct warehouse

Requirements of Applicant:

- 1. Copy of written legal description.
- 2. Site Plan as required in Sections 807-810 of City of Gluckstadt Zoning Ordinance
- 3. Color Rendering & Elevations at time of submittal

Requirements for Site Plan Submittal (Refer to Section 807, Gluckstadt Zoning Ordinance)

Nine (9) copies of the site plan shall be prepared and submitted to the Zoning Administrator. Digital copies are acceptable. Three (3) hard copies are required.

Site Plan Specifications (Section 809, Zoning Ordinance)

- A. Lot Lines (property lines)
- B. Zoning of the adjacent lots
- C. The names of owners of adjacent lots
- D. Rights of way existing and proposed streets, including streets shown on the adopted Throughfares plan
- E. Access ways, curb cuts, driveways, and parking, including number of parking spaces to be provided
- F. All existing and proposed easements
- G. All existing and proposed water and sewer lines. Also, the location of all existing and proposed fire hydrants.
- H. Drainage plan showing existing and proposed storm drainage facilities. The drainage plan shall indicate adjacent off site drainage courses and projected storm water flow rates from off-site and on-site sources.



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Buckner, Chris, Public Works Director

DATE: 11/28/2023

SUBJECT: Purchase of a 42" Brush Cutter

We are requesting that the Mayor and Board of Alderman consider purchasing a 42" Brush Cutter attachment from Deviney Equipment in the amount of \$7,900. We also received a 2nd quote from Puckett Rents for a 4200 Brush Cutter in the amount of \$10,240. This piece of equipment was taken into consideration when budgeting for Heavy Equipment for FY24.

With this equipment, our crews will be able to work more effectively and efficiently when cutting ditches and overgrown areas that our bushhog cannot get to within the right of way. Currently, our crews are having to spend excessive time and effort with these areas using weed-eaters.

Thank you for your consideration of our request. Please contact me if you have any questions.



RENTAL & SUPPLY



Section 11, Item A)

**WOODS
TORO
REDMAX**

P.O. Box 1872 • Madison, MS 39130 • Office: (601) 859-0020 • Fax: (601) 407-1988

EQUIPMENT PROPOSAL

TO: City Of Gluckstadt

DATE: 11/7/2023

SALESMAN: Matt Smith

CUSTOMER APPROVAL: _____

PHONE: _____

CUSTOMER PURCHASE ORDER#: _____

EMAIL: _____

| QTY. | DESCRIPTION OF MATERIAL | STOCK # | PRICE |
|------|--|-------------|-------------|
| | All Prices Listed Include Current Incentives for In-Stock Items | | |
| 1 | Land Pride RC2512 Batwing Cutter | | \$14,900.00 |
| 1 | Brush Master 42" Cutter MX401-42 | 6 Weeks out | \$7,900.00 |
| 1 | 1 Set of rear remotes for the batwing | | \$1,400.00 |
| 1 | Forks For Tractor | | \$1,200.00 |
| | SUB-TOTAL | | |
| | TRADE-IN:MODEL/SERIAL# | (-) | |
| | SALES TAX | (+) | |
| | TOTAL TO BE PAID OR FINANCED | \$ | |

V 04

WARRANTY: Standard manufacturers warranty applies. No warranty on used equipment unless stated.

Prices are firm for 30- days from the date of this proposal.

Applicable sales tax will be in addition to prices quoted. This quotation is subject to the terms and conditions on the order unless otherwise stated. All quoted prices are subject to change without notice, and those in effect on dates of shipment shall prevail.

DELIVERY: Can be made within _____ days of receipt of written purchase order, subject to strikes, acts of God, actions of the government or other causes beyond our control.



Puckett Rents

Richland (601) 939-5151
Hattiesburg (601) 264-1111
Biloxi (228) 392-2211
Madison (601) 859-5131
Meridian (601)703-0116

Section 11, Item A)

Date: **November 27, 2023**

New Machine Price Quote

We are pleased to make the following proposal for your consideration. The machine includes all standard equipment, plus the optional attachments listed below. Any changes in equipment configuration will affect the quotation price.

Quote Prepared For: **CITY OF GLUCKSTADT**

Prepared By: **JOHN ROSS**

Attention:

Cell Phone #: **(601) 624-1692**

Important: Deviation from specifications quoted may affect price.

One Brush Kat
Including :

| | |
|--------------------------|---------------------|
| 4200 BRUSH CUTTER | |
| | \$ 10,240.00 |

NOTES:

Standard Warranty: **N/A**

Extended Warranty:

PROPOSED SALE PRICE \$ 10,240.00

Trade-in Allowance

Trade Ins:

| | |
|--------------|---------------|
| Make | Model: |
| Year: | S/N: |

Down Payment

ADJUSTED SELLING PRICE \$10,240.00

Approximate Trade-in Payoff *

Sales Tax **0.00**

Total Sale Amount \$10,240.00

| Payment Quote | | |
|---------------|------|---------|
| Term | Rate | Payment |
| | | |
| | | |
| | | |
| | | |
| | | |

Cash Price

Warranty: Standard Manufacturers warranty applies unless otherwise stated.

Prices are firm for **30** days from the date of this proposal.

Applicable Sales Tax will be in addition to prices quoted. This quotation is subject to the terms and conditions on the order unless otherwise stated. All quoted prices are subject to change without notice, and those in effect on dates of shipment shall prevail.

Delivery can be made within _____ days of receipt of written purchase order, subject to strikes, acts of God, actions of the government or other causes beyond our control

* Payoff on Trade In is an approximate figure. Actual payoff will be calculated at time of Sale.

Customer's Signature _____

P O # _____



P.O. Box 2780, Ridgeland, MS 39158-2780
Tel: 601.605.6022 | Fax: 601.605.6023
www.crystalcleansweeping.com

August 30, 2022

VIA EMAIL

John M. McCollum
Planning and Zoning Administrator
City of Gluckstadt
PO Box 2210
Madison, MS 39130

RE: Street Sweeping Proposal

Dear Mike:

Per your request, below you will find Crystal Clean Sweeping’s (“CCS”) proposal to provide street sweeping services to the City of Gluckstadt. This proposal should include all the requested information you need, however should you need any additional information, please feel free to call me.

Street Sweeping:

Services to be performed:

CCS will provide all equipment, labor and materials necessary to provide street sweeping services to the City of Gluckstadt. Sweeping service will remove most of the “loose” debris, gravel, and trash however it will not remove heavy sand, compacted mud/dirt, dirt mounds, weeds/grass growing on pavement or in the curbs, etc..

Services will be provided on all “curbed” streets listed on Attachment A.

Conditions:

City of Gluckstadt to provide a site for all sweeping debris to be dumped. Current condition of some curbs along major roads within the City make sweeping problematic due to grass growing and large mounds of dirt in curbs. Need to discuss if City will have its crews remove the grass prior to commencing sweeping.

Service Window:

Service date and time will be coordinated with Mike in order to minimize the disruption to the city’s residents and commuters.

Frequency & Pricing:

Once per month service - \$2,850.00/month

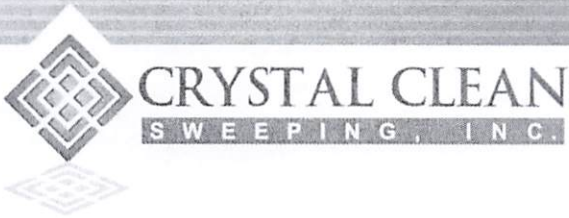
Terms and Conditions:

Terms:

To be billed at completion of service. Payment terms will be “Net 30”.

Miscellaneous:

CCS agrees to maintain, for the duration of this contract, General and Auto Liability Insurance and Workers Compensation Insurance. This Proposal will expire fifteen days from the date of this proposal.



P.O. Box 2780, Ridgeland, MS 39158-2780
Tel: 601.605.6022 | Fax: 601.605.6023
www.crystalcleansweeping.com

Since 2004, Crystal Clean Sweeping has been central Mississippi's premier sweeping and exterior maintenance company. We look forward to discussing this proposal with you and stand ready to serve you. If you are in agreement with this proposal, please acknowledge below your acceptance of the above terms and email this letter back to me at rray@crystalcleansweeping.com.

Sincerely,

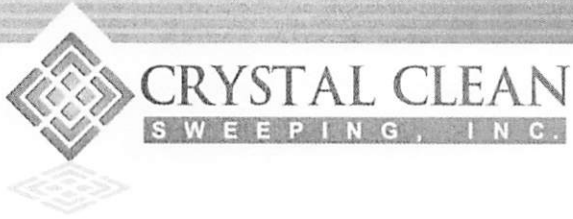
Rand Ray
Rand Ray
President

Agreed and Accepted By:

John M. McCollum
Planning and Zoning Administrator
City of Gluckstadt
PO Box 2210
Madison, MS 39130

By: Wally Momori
Title: Mayor
Date: 10/4/22

CONFIDENTIAL PREPARED BY CRYSTAL CLEAN SWEEPING



P.O. Box 2780, Ridgeland, MS 39158-2780
Tel: 601.605.6022 | Fax: 601.605.6023
www.crystalcleansweeping.com

ATTACHMENT A

| Subdivision or Area Description | Street Miles | Curb Miles |
|---|--------------|------------|
| Intersection of Highway 51 and Yandell Road | 0.26 | 0.52 |
| Auldenbrock Drive & curbed portion of Yandell | 0.45 | 0.90 |
| Intersection of Highway 51 and W. Sowell Road | 0.10 | 0.20 |
| Intersection of Old Jackson Road and Church Road | 0.20 | 0.40 |
| Orchard Lane | 0.10 | 0.20 |
| Parkway East from Southern City Limits to Weisenberger Road | 1.75 | 7.00 |
| Industrial Drive South from bridge to intersection at Gluckstadt Road | 0.50 | 1.00 |
| Weisenberger Road /Industrial Drive North to intersection at First Choice Drive | 0.50 | 1.00 |
| Gluckstadt Road from Weisenberger Road west to Catlett Road | 2.75 | 5.50 |
| Industrial Drive South (north portion) | 0.10 | 0.20 |
| Dees Road | 0.50 | 1.00 |
| Dixon Pass Subdivision | 0.50 | 1.00 |
| Stone Creek Subdivision | 0.55 | 1.10 |
| Ridgefield Subdivision | 2.55 | 5.10 |
| First Colony Subdivision | 1.10 | 2.20 |
| Red Oak Plantation Subdivision | 2.10 | 4.20 |

CONFIDENTIAL PREPARED BY CRYSTAL CLEAN SWEEPING



November 12, 2023

VIA EMAIL

Chris Buckner
Public Works Director
City of Gluckstadt
PO Box 2210
Madison, MS 39130

RE: Street Sweeping Proposal – Addendum to current contract

Dear Chris:

Per your request, below you will find Crystal Clean Sweeping’s (“CCS”) proposal to add street sweeping services to the Bradshaw Ridge Subdivision and the Bear Creek Crossing Subdivision to our existing contract. This proposal should include all the requested information you need, however should you need any additional information, please feel free to call me.

Street Sweeping:

Services to be performed:

CCS will provide all equipment, labor and materials necessary to provide street sweeping services to the Bradshaw Ridge Subdivision and the Bear Creek Crossing Subdivision both of which are located within the City of Gluckstadt. Sweeping service will remove most of the “loose” debris, gravel, and trash however it will not remove heavy sand, compacted mud/dirt, dirt mounds, weeds/grass growing on pavement or in the curbs, etc..

Services will be provided on all “curbed” streets listed on Attachment A.

Service Window:

Service will be provided once per month.

Pricing:

Cost to add these two subdivisions to the current contract would be \$441.00 per month.

Terms and Conditions:

Terms:

To be billed at completion of service. Payment terms will be “Net 30”.

Miscellaneous:

CCS agrees to maintain, for the duration of this contract, General and Auto Liability Insurance and Workers Compensation Insurance.
This Proposal will expire fifteen days from the date of this proposal.

Since 2004, Crystal Clean Sweeping has been central Mississippi’s premier sweeping and exterior maintenance company. We look forward to discussing this proposal with you and stand ready to serve you. If you are in agreement with this



P.O. Box 2780, Ridgeland, MS 39158-2780
Tel: 601.605.6022 | Fax: 601.605.6023
www.crystalcleansweeping.com

proposal, please acknowledge below your acceptance of the above terms and email this letter back to me at rray@crystalcleansweeping.com.

Sincerely,

Rand Ray
Rand Ray
President

Agreed and Accepted By:

Chris Buckner
Public Works Director
City of Gluckstadt
PO Box 2210
Madison, MS 39130

By: _____

Title: _____

Date: _____

CONFIDENTIAL PREPARED BY CRYSTAL CLEAN SWEEPING



ATTACHMENT A

| City of Gluckstadt | | |
|--|--------------|-------------|
| Subdivision or Area Description | Street Miles | Curb Miles |
| Bradshaw Ridge Subdivision: | | |
| Bradshaw Drive | 0.22 | 0.44 |
| Wells Court | 0.16 | 0.32 |
| Jorn Circle | 0.41 | 0.82 |
| Bradshaw Crossing | 0.46 | 0.92 |
| Fairchild Cove | 0.25 | 0.5 |
| Greer Court | 0.04 | 0.08 |
| Marshas Way | 0.17 | 0.34 |
| Total Bradshaw Ridge Subdivision | 1.71 | 3.42 |
| Bear Creek Crossing Subdivision | | |
| Bear Creek Circle | 0.53 | 1.06 |
| Bear Creek Court | 0.13 | 0.26 |
| Perry Cove | 0.08 | 0.16 |
| Total Bear Creek Crossing Subdivision | 0.74 | 1.48 |

CONFIDENTIAL PREPARED BY CRYSTAL CLEAN SWEEPING



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chris Buckner, Public Works Director

DATE: 11/30/2023

SUBJECT: Crystal Clean sweeping

It has come to our attention that Crystal Clean has not been cleaning the curbed streets in the subdivisions East of Hwy 51 (Bradshaw Ridge and Bear Creek) like is done on the West side of town. We are asking for your approval to add this section of the city to the current contract.

To add these streets in Bradshaw Ridge and Bear Creek Subdivisions, Crystal Clean has given us an estimate of \$441 per month in addition to the \$2,830 we are currently paying per month, bringing the total to \$3,271 per month. We have money in the Beautification Expense section of our budget to cover this.

Thank you for your consideration, please feel free to contact me if you have any concerns.



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chris Buckner, Public Works Director

DATE: 11/30/2023

SUBJECT: Ridgefield Subdivision to request the City of Gluckstadt to assume the street lighting bill

The HOA Board of Ridgefield Subdivision is requesting that the City of Gluckstadt take over the payment of the street lighting bill for the subdivision. This would require the City to take on 9 additional lights averaging about \$250 a month and roughly \$3,000 a year.

Thank you for your consideration. Please contact me if you have any questions.

From: [Walter Morrison](#)
To: dboackle@gmail.com; [Randy Weaver](#)
Cc: [Lindsay Kellum](#); [Jason Ray](#); [Angel Stenmark](#); [Jeanetta Cothron](#)
Subject: RE: Street Light Charges for Ridgefield Subdivision
Date: Monday, November 27, 2023 8:12:00 AM

OK, David. We will add to agenda for next meeting. Thanks.



Walter C. Morrison IV
wmorrison@gainsben.com

Gainsburgh Benjamin
David, Meunier & Warshauer L.L.C.

Offices in
Jackson & New Orleans

240 Trace Colony Park Drive, Suite 100, Ridgeland, MS 39157
2800 Energy Centre, 1100 Poydras St., New Orleans, LA 70163
T: 601.933.2054 (Jackson) | C: 601.209.3171 | Facsimile. 504.528.9973
T: 504.522.2304 (Nola) | www.gainsben.com

From: David A. Boackle <dboackle@gmail.com>
Sent: Monday, November 27, 2023 8:00 AM
To: Walter Morrison <WMorrison@gainsben.com>; Randy Weaver <msuandmc@gmail.com>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>; Jason Ray <jaray200@gmail.com>; Angel Stenmark <stenmarks@gmail.com>; Jeanetta Cothron <jeanetta.cothron@gmail.com>
Subject: Street Light Charges for Ridgefield Subdivision

Dear Mayor Morrison,

I am writing to you in my capacity as the President of the Ridgefield Owners Association (HOA). Attached here is a letter regarding transferring the street light charges in the Ridgefield Subdivision from the HOA to the City of Gluckstadt. I would appreciate it if you add this to the agenda for the next city council meeting.

Please let me know if you have any questions.

Sincerely,
David A. Boackle, P.E.
dboackle@gmail.com
mobile: 601.918.6966

David A. Boackle

Ridgefield Owners Association, Inc.
PO BOX 1524, JACKSON, MS 39215
601.918.6966
dboackle@gmail.com

Monday, 2023-11-27

Honorable Walter C. Morrison, IV, Esq.
P.O. Box 2210 Madison, MS 39130
- phone: 769.567.2306
sent via email: <WMorrison@gainsben.com>

Dear Mayor Morrison and Board of Aldermen:

I am writing to you in my capacity as the President of the Board of Directors for the Ridgefield Owners Association, Inc. Our Board has been in contact with Entergy Mississippi, LLC and Mike McCollum about having the streetlights in the Ridgefield neighborhood transferred to the City of Gluckstadt's streetlight account. Mr. McCollum informed me that this process starts with a letter to the Mayor to request the city pay the lighting bill. Three months of billing with Entergy was also requested which you will find attached.

Ridgefield currently has two accounts with Entergy, 82644717 that represents only streetlights, and 75615179 which contains both streetlights and common area electrical services. I understand from Steven Parman, Operations Manager, Business Operations at Entergy Mississippi, that account 82644717 could be transferred in full, and he would allocate to the city, the lighting from account 75615179, so the City is only billed for the lights, not the common area electrical.

I look forward to your response.

Sincerely,
/s/
David A. Boackle

Enclosure: Billing Statements from Entergy Mississippi LLC for Ridgefield Subdivision

Randy Weaver <msuandmc@gmail.com> Secretary, Ridgefield Board

Ridgefield Owners Association, Inc.
PO BOX 1524, JACKSON, MS 39215
601.918.6966
dboackle@gmail.com

Monday, 2023-11-27

Honorable Walter C. Morrison, IV, Esq.
P.O. Box 2210 Madison, MS 39130
- phone: 769.567.2306
sent via email: <WMorrison@gainsben.com>

Dear Mayor Morrison and Board of Aldermen:

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Ridgefield currently has two accounts with Entergy, 82644717 that represents only streetlights, and 75615179 which contains both streetlights and common area electrical services. I understand from Steven Parman, Operations Manager, Business Operations at Entergy Mississippi, that account 82644717 could be transferred in full, and he would allocate to the city, the lighting from account 75615179, so the City is only billed for the lights, not the common area electrical.

I look forward to your response.

Sincerely,
/s/
David A. Boackle
President of the Board of Directors

Enclosure: Billing Statements from Entergy Mississippi LLC for Ridgefield Subdivision

Randy Weaver <msuandmc@gmail.com> Secretary, Ridgefield Board



Entergy Mississippi, LLC
 entergy-mississippi.com

Service Location
 Ridgefield Subdv Part 5
 Madison, MS 39110

Business Solutions Center
 877-ETRBIZZ (877-387-2499);
 Power Outage or Safety Conc
 800-968-8243 (800-9OUTAGE)

Section 11, Item C)

Important Messages

See your daily cost and usage to help manage your bill. Visit entergy.com/myAdvisor.

Recently changed Banks? Or was your Bank recently merged or acquired? Returned bill payments can happen with old banking information. Avoid payment return fees and late fees by keeping your ABA routing number and bank account number updated in MyEntergy and Mobile App.

IMPORTANT NOTICE: Sending an eligible check payment authorizes Entergy to convert your paper check to an electronic debit. For more information call 1-888-627-6695. For more energy saving tips, visit entergy.com.

Get account info on your cell phone. Text INFO to 368374 for a menu of options.

Account Summary for Ridgefield Homeowners Association

| | | |
|---------------------------------|----------------------|-----------|
| Account # 82644717 | Mail Date 05/23/2023 | QPC 09000 |
| Invoice # 55007651479 | | Cycle 15 |
| Amount to be drafted 06/13/2023 | | \$128.76 |

Account Detail

| | |
|-------------------------------|---------------|
| Previous Balance | 128.76 |
| Payment Received (05/12/2023) | -128.76 |
| Remaining Balance | \$0.00 |

LED Lighting

| -- Rate -- | Qty | -- Facility Type -- | -- kWh -- | |
|---|-----|---------------------|-----------|----------------|
| | 4 | LED 6200 Lumen | 96.0 | 61.08 |
| Energy Charge | | | | 7.17 |
| Fuel Adjustment 96 kWh @ \$0.006688 | | | | 0.64 |
| Total LED Lighting Charges (04/18/2023 - 05/16/2023) | | | | \$68.89 |

Area Lighting

| -- Rate -- | Qty | -- Facility Type -- | -- kWh -- | |
|--|-----|---------------------|-----------|----------------|
| | 1 | 150W HPS | 60.0 | 20.27 |
| | 5 | Fiberglass Pole | | 26.30 |
| Energy Charge | | | | 4.48 |
| Fuel Adjustment 60 kWh @ \$0.006688 | | | | 0.40 |
| Total Area Lighting Charges (04/18/2023 - 05/16/2023) | | | | \$51.45 |
| State Sales Tax | | | | 8.42 |

Current Month Energy Charges \$128.76

000000020 00020 0001-0001 DNTBMSDS052323037348 00 L 00004496



entergy-mississippi.com

Account 82644717

QPC 09000

Invoice # 55007651479

| | | |
|---|--|-----------------|
| Customer Service 877-ETRBIZZ (877-387-2499) | Amount to be drafted 06/13/2023 | \$128.76 |
|---|--|-----------------|

Bill to be Drafted. DO NOT PAY.

000000020 01 MB 0.531 ENTBMSDS052323037348 28236 001 01



RIDGEFIELD HOMEOWNERS ASSOCIATION
 PO BOX 36302
 CHARLOTTE NC 28236-6302

000000020 ENTBMSDS052323037348 01 000000 004496 001

ENTERGY
 PO BOX 8105
 BATON ROUGE, LA 70891-8105

9000000082644717000000000000000000128769000000000000016409



Entergy Mississippi, LLC
 entergy-mississippi.com

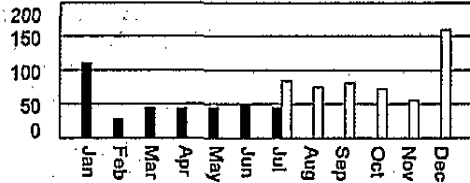
Service Location
 Ridgefield Dr
 Madison, MS 39110

Business Solutions Center
 877-ETRBIZZ (877-387-2499); 8
 Power Outage or Safety Conce
 800-968-8243 (800-9OUTAGE)

Section 11, Item C)

Total Monthly Energy Usage

| Billing Period | Billing Days | kWh Used | Avg kWh Per Day | 2023 | 2022 |
|----------------|--------------|----------|-----------------|--------------------------|--------------------------|
| Jul 2023 | 30 | 46 | 1.5 | <input type="checkbox"/> | <input type="checkbox"/> |
| Jul 2022 | 30 | 84 | 2.8 | | |



Important Messages

See your daily cost and usage to help manage your bill. Visit entergy.com/myAdvisor.

IMPORTANT NOTICE: Sending an eligible check payment authorizes Entergy to convert your paper check to an electronic debit. For more information call 1-888-627-6695. For more energy saving tips, visit entergy.com.

Account Summary for Ridgefield Homeowners Association

| | | |
|---------------------------------|----------------------|-----------|
| Account # 75615179 | Mail Date 07/21/2023 | QPC 09000 |
| Invoice # 305005468467 | | Cycle 15 |
| Amount to be drafted 08/11/2023 | | \$142.66 |

Account Detail

| | |
|-------------------------------|---------------|
| Previous Balance | 145.68 |
| Payment Received (07/12/2023) | -145.68 |
| Remaining Balance | \$0.00 |

Current Charges

| | |
|---|--------------------------|
| Energy Charge | 40.37 |
| Fuel Adjustment | 46 kWh @ \$0.000351 0.02 |
| Total Metered Charges (Contract 8484705) | \$40.39 |

Area Lighting

| -- Rate -- | Qty | -- Facility Type -- | -- kWh -- | |
|--|-----|----------------------|-----------|-----------------|
| 150HPS | 4 | 150W HPS | 240.0 | 54.76 |
| 20FFIB | 4 | Fiberglass Pole | | 21.04 |
| Energy Charge | | | | 17.05 |
| Fuel Adjustment | | 240 kWh @ \$0.000351 | | 0.08 |
| Total Area Lighting Charges (06/16/2023 - 07/17/2023) | | | | \$92.93 |
| State Sales Tax | | | | 9.34 |
| Current Month Energy Charges | | | | \$142.66 |

Meter Reading (Contract 8484705)

| | |
|--|--------------|
| Meter # AM11618934 | Rate : MS_GS |
| Total Days (30) | |
| Current Meter Reading (07/19/2023 00:00 AM) | 897 |
| Previous Meter Reading (06/19/2023 00:00 AM) | - 851 |
| kWh Metered | 46 |

Usage Adjustments

| | |
|-----------|------|
| Billed kW | 6.00 |
|-----------|------|

00000040 00041 0001-0001 ENTBMSSDS072123038362 00 L 00006536

AM C MSNR E3 TY



entergy-mississippi.com

Account 75615179

QPC 09000

Invoice # 305005468467

| | | |
|---|---------------------------------|----------|
| Customer Service 877-ETRBIZZ (877-387-2499) | Amount to be drafted 08/11/2023 | \$142.66 |
|---|---------------------------------|----------|

Bill to be Drafted. DO NOT PAY.

000000040 01 MB 0.561 ENTBMSSDS072123038360 28236 001 01



RIDGEFIELD HOMEOWNERS ASSOCIATION
 PO BOX 36302
 CHARLOTTE NC 28236-6302

ENTERGY
 PO BOX 8105
 BATON ROUGE, LA 70891-8105

000000040 ENTBMSSDS072123038360 01 000000 006536 001

90000000756151790000000000000000014266100000000000022301

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE MISSISSIPPI TRANSPORTATION COMMISSION
AND
THE CITY OF GLUCKSTADT, MISSISSIPPI**

This Memorandum of Understanding (Agreement) is executed by and between the Mississippi Transportation Commission, a body corporate of the State of Mississippi (Commission), acting by and through the duly authorized Executive Director of the Mississippi Department of Transportation (MDOT) and the City of Gluckstadt, Mississippi (City), a municipal corporation of the State of Mississippi, acting by and through its Mayor and Board of Aldermen, effective as of the date latest execution below:

WITNESSETH:

WHEREAS, the City has identified a need for the installation and maintenance of Uninterruptible Power Supply (UPS) battery backup systems on MDOT traffic signals located within the city limits to enhance the safety and reliability of traffic management; and

WHEREAS, the Commission recognizes the importance of ensuring the proper and continuous function of traffic signals within the City and is willing to collaborate with the City to address this need; and

WHEREAS, the Commission has the authority under Section 65-1-8 and 65-1-27, Mississippi Code, 1972, as amended, to cooperate with the City for the modification of the signal control equipment, so as to provide a greater degree of safety and improve the safe flow of traffic along the State Highway System, and

NOW THEREFORE, in consideration of the premises and the mutual covenants contained herein to be undertaken by the respective parties hereto, and for other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties mutually agree and covenant as follows:

I. THE CITY WILL:

- a.** Furnish and install Uninterruptible Power Supply (UPS) Battery Backup Systems at the following four (4) intersections, bearing all costs for the procurement, installation, and maintenance thereof:
 - i.** Gluckstadt Road at I-55 Southbound Ramp.
 - ii.** Gluckstadt Road at I-55 Northbound Ramp.
 - iii.** U.S. Highway 51 at Yandell Road.
 - iv.** Old Jackson Road at Church Road; and

- b.** Submit to MDOT for review and/or approval of:

- i. All equipment furnished by the City prior to installation to ensure it meets MDOT's specifications for a UPS Battery Backup System,
 - ii. The credentials for Aany City contractor and/or City personnel tasked with the installation and maintenance of the UPS Battery Backup Systems installation work,
 - iii. Access on MDOT Right of Way for any City contractor and/or ~~of~~ City personnel to install, maintain, and/or inspect the UPS Battery Backup Systems at the four subject intersections,
 - iv. Access for any City contractor and/or City personnel to the Signal Controller Cabinets prior to any maintenance work on Commission traffic signal equipment, and
- c. Be responsible for the ongoing maintenance and regular inspection of the installed UPS Battery Backup Systems to ensure their proper functionality; and
 - d. Be responsible for making any repairs to or replacement of Commission property for any damages caused directly or inadvertently by the installation, maintenance, or use of the UPS Battery Backup Systems in a timely manner; and
 - e. NOT house the UPS Battery Backup System equipment in the Signal Controller Cabinets owned by the Commission, ~~nor will the City have access to said Signal Controller Cabinets in order to maintain the UPS Battery Backup Systems.~~
 - f. After completion, request an MDOT final inspection and acceptance.

II. THE COMMISSION WILL:

- a. Review for approval all equipment furnished by the City prior to installation to ensure it meets MDOT's specifications for a UPS Battery Backup System; and
- b. Review for approval the credentials of any contractor or City personnel tasked with the installation and maintenance of the UPS Battery Backup Systems installation work; and
- c. Review for approval access for City personnel and contractors to install, maintain, and inspect the UPS Battery Backup Systems at the four subject intersections; and
- d. Review for approval any contractors or City personnel access to the Signal Controller Cabinets prior to any maintenance work on Commission traffic signal equipment; and

- e. Review the UPS Battery Backup System installation work by the City and/or its contractors for acceptance; and
- f. ~~Issue any permits necessary to allow the City access to the property of the Commission for the purposes of this Agreement.~~

III. PURPOSE

The purpose of this Agreement is to establish and define the respective responsibilities, obligations, and agreements of the Commission and the City with respect to the installation and maintenance of UPS Battery Backup Systems on Commission traffic signals within the city limits of Gluckstadt, Mississippi.

IV. CONTACT PERSONS

It is understood by both parties that the Commission executes all its orders and directives through the Executive Director of MDOT. It is understood by both parties that the City executes all of its orders and directives through its Mayor.

Unless otherwise notified in writing to the contrary, the appropriate contact person for the Commission for matters pertaining to this Agreement shall be:

Mr. ~~Amrik Singh~~James Sullivan
 MDOT ~~Signal State Traffic~~ Engineer
 Post Office Box 1850
 Jackson, MS 39215-1850
 Telephone: (601) 359-1454
 Facsimile: (601) 359-5918

Unless otherwise notified in writing to the contrary, the appropriate contact person for the City for matters pertaining to this Agreement shall be:

Mr. Chris Buckner
 Public Works Director
 343 Distribution Drive
 Madison, MS 39110
 Telephone: (769) 567-2306
 Facsimile: (769) 567-2305

All notices given hereunder shall be by U.S. Certified Mail, return receipt requested, or by facsimile and shall be effective only upon receipt by the addressee at the above addresses or telephone number.

V. GENERAL PROVISIONS

- a. This agreement may be terminated by mutual agreement of the parties.

- b. All contracts and subcontracts shall include a provision for compliance with “the Mississippi Employment Protection Act,” as codified in the Mississippi Code of 1972, as amended. Under this Act the City and every contractor or subcontractor shall register with and participate in a federal work authorization program operated by the United States Department of Homeland Security to electronically verify information of newly hired employees pursuant to the Immigration Reform and Control Act of 1986, Pub.L.99-603, 110 Stat. 3359, as amended.
- c. It is understood that this is a Memorandum of Understanding and that more specific requirements for this project are contained in the Federal Statutes, the Code of Federal Regulations, the Mississippi Code, and the Standard Operating Procedures for MDOT, and other related regulatory authorities. The City agrees that it will abide by all such applicable authority.

VI. AMENDMENTS

This Agreement may be amended in writing as mutually agreed upon by the parties.

VII. SEVERABILITY

Should any provision of this Agreement be found to be unconstitutional, or otherwise be contrary to the laws of the State of Mississippi or United States of America, to the extent that it is reasonably possible to do so, the remainder of this Agreement shall remain in full force and effect.

VIII. RELATIONSHIP OF THE PARTIES

- a. The relationship of the City to the Commission is that of an independent contractor, and the parties, in accordance with their status as an independent contractor, covenant and agree that they will conduct themselves consistent with such status, that neither will hold itself out as, or claim to be, an agent, officer, or employee of the other by reason hereof. Neither party will make any claim, demand, or application for any right or privilege applicable to an officer or employee of the other, including but not limited to workers compensation coverage, unemployment insurance benefits, social security coverage, retirement membership or credit, or any form of tax withholding whatsoever.
- b. No provision of this Agreement is intended, nor shall it be construed, to grant any right, title, or interest to any person or entity not a signatory hereto.
- c. The Commission, MDOT, and all of their agents, officials, and employees no obligations or responsibilities toward the activities conducted under this Agreement except those specifically stated herein, and have no authority to select, employ, supervise, or control any contractor employed by the City, or any employee, agent, or official of the City or any of the City’s contractors or subcontractors.

- d. The City and its agents, officials, and employees have no obligations or responsibilities toward the activities conducted under this Agreement except as specifically stated herein, and have no authority to select, employ, supervise, or control any employee or official of the Commission or MDOT, or any of their contractors or subcontractors.
- e. The Commission will not be a party to any contract or subcontract entered into by the City, other than this Agreement.

IX. RESPONSIBILITIES FOR CLAIMS AND LIABILITY

The City agrees to hold the Commission harmless from claims of damage to the extent allowed by Section 65-1-75(1) of Miss. Code Ann. The City further agrees that it has the sole responsibility for designing the project, acquiring any right-of-way or other property interest required, selection of contractors, administration of the contract, and maintenance of the project area during the work on the project. In the event that any claim or lawsuit is instituted as a result of the performance of any of these functions, the City shall bear the entire burden of defense, and shall satisfy any judgment of settlement entered. The City shall be responsible for all damages to property or injuries to persons which may arise from or be incidental to the prosecution of work under the project conducted by the City, and the Commission shall be responsible for all damages to property or injuries to persons which may arise or be incidental to the prosecution of work under the project conducted by the Commission or MDOT.

X. AUTHORITY TO CONTRACT

The Commission approved execution of this Memorandum of Understanding at its regular meeting of _____. The Gluckstadt City Council approved execution of this Memorandum of Understanding at its meeting of _____.

SO EXECUTED AND AGREED THIS _____ DAY OF _____, 2023.

THE CITY OF GLUCKSTADT, MISSISSIPPI

By: _____
Walter Morrison, IV, Mayor
City of Gluckstadt

SO EXECUTED AND AGREED THIS _____ DAY OF _____, 2023.

MISSISSIPPI TRANSPORTATION COMMISSION
BY AND THROUGH THE EXECUTIVE DIRECTOR OF
THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

By: _____

Brad White, Executive Director
Mississippi Department of Transportation
Book _____ Page _____



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chris Buckner, Public Works Director

DATE: 12/5/2023

SUBJECT: UPS Install at MDOT Signals MOU

At the November BOA meeting, the Board approved the purchase of the UPS battery back-up installation on MDOT signals. Before the work could be started, we needed to have a MOU written up in order to protect the City, as well as MDOT. We have had legal look at this, and they see no problem with us entering into this agreement. We are asking the Board to approve this MOU so that we may get started with the installation of the UPS system.

Thank you for your consideration. If you have any questions, please feel free to contact me.



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Buckner, Chris, Public Works Director

DATE: 11/30/2023

SUBJECT: Repairing of Sinkholes

Public Works is requesting the board to approve having three (3) sinkholes repaired in Bradshaw Crossing. We have gotten two (2) quotes for each address (see attached) and would like to proceed with Murray Mudjacking to repair them. Locations are as follows:

117 Raintree Rd

127 Bradshaw Crossing

148 Jorn Circle

We appreciate your consideration of this request. If you need further information, please contact me.

Murray
Mud-Jacking Service Inc.
Research and Experience Since 1946

P.O. box 656, Madison, MS.39130
Phone (601) 898-0500
Fax: (601) 898-0506

Date 11-16-23
City of Gluckstadt
Public Works
Gluckstadt Ms. 39110

Attn: *Chris Buckner*

Re: Storm drain repair, *127 Brodshaw Crossing large hole under sidewalk at storm box*

We will pump soil cement to fill voids around storm drains and seal pipes.

We as a matter of policy will assume no responsibility for any under ground piping or plumbing, utilities ect.

The cost for these repairs is \$ 1800.⁰⁰

City to furnish water for material and clean up.

Sincerely,

Dalton Strait

Dalton Strait
/for Murray Mud-Jacking Service Inc.

Prepared for:

City of Gluckstadt
Chris Buckner
117 Raintree Rd
Madison, MS 39110

(601) 672-3562 | chris.buckner@gluckstadt.net



Evaluated on:

Wednesday, December 6, 2023

Evaluated By:

Bray Watkins

(601) 488-0847 | bray@foremostfoundations.com

Foremost Foundations & Construction
PO BOX 725
Madison, MS 39130
Main (601) 405-1052
www.foremostfoundations.com

Scope of Work

We would like to thank you for giving us the opportunity to earn your business. Our belief is to approach projects using a comprehensive plan that corrects the source of the problems and the symptoms they have caused. This method provides a quality solution that lasts much longer than addressing only portions of the issues.

After performing a thorough examination of your property, we have prepared the following estimate and diagram to meet the needs of your project. We believe this will provide a detailed explanation of our solution as well as the associated costs.

Section 1

Polyurethane Foam

| Product | Quantity |
|---|----------|
| 2lb Poly Foam Void Fill <i>Inject 2lb. Poly Foam under slab to void fill and solidify the soils. At owners discretion if estimated quantity is insufficient then overage rate of \$100.00 per gallon thereafter will be applied via Change Order. *****Mobilization is included*****</i> | 23 |
| <i>NOTE: Estimated quantities of Poly is subjective and based on general observations, site conditions and formulas. We can not guarantee in anyway that the estimated amount above will be the correct amount needed for your project.</i> | |

Notes

This bid is for a polyurethane void fill on sidewalk at 117 raintree dr. This bid is also for void fill and maximum practical recovery on a box drain on 100 raintree dr.

Costs

Section: Section 1

| Description | Quantity | Cost |
|-------------------------|----------|--------------------------|
| 2lb Poly Foam Void Fill | 23.00 | \$2,760.00 |
| Total Cost: | | \$2,760.00 |
| | | Total: \$2,760.00 |

Payment Terms

| | | |
|---------------|----------------------------------|------------|
| Deposit | <i>Due after bid acceptance</i> | \$552.00 |
| Final Payment | <i>Due at project completion</i> | \$2,208.00 |

Terms & Conditions

Warranties

ONE YEAR LIMITED WARRANTY

FOR DEFECTS IN MATERIALS AND WORKMANSHIP

Limited Warranty: Should defects in the materials or the workmanship, as described in the Agreement for The Work, become apparent and after all due diligence is completed and cause is justified within one year from completion of The Work, Foremost Foundations, LLC (FFC) will provide a Limited Warranty Service at no cost to the Owner. The one-year warranty begins at the date of completion of the work.

Limited Warranty Service: Limited Warranty Service shall mean a service to correct the defects in materials and workmanship as described in Agreement for Work only.

Limitations of Warranty Service: Soil Stability- The stability of the floor/slab support system is totally dependent upon the performance of the soils supporting system. The condition of the support soils is subject to change. The Limited Warranty specifically excludes movement due to soil behavior.

Consequential Damages: This One Year Limited Warranty does not include any repair which is the result of consequential damages, including, but not limited to, damage to concrete, brick, mortar, sheetrock, wallpaper, paint, rigid materials or furnishings. THE WRITTEN TERMS OF THIS ONE YEAR LIMITED WARRANTY, AS EXPRESSED ABOVE, REPRESENT THE ENTIRE WARRANTY OBLIGATION OF FFC. NO OTHER AGREEMENT, UNDERSTANDING, REPRESENTATIONS OR WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE, HAVE BEEN OR ARE MADE BY FFC.

Contract

General Construction Agreement

This construction agreement (the "Agreement") is between **Foremost Foundations, LLC**, a Mississippi limited liability company (the "Contractor"), and the undersigned owner identified above (the "Owner"), and the parties to this Agreement agree as follows:

1. **Contract Documents.** The Contract Documents consist of this Agreement, the documents enumerated as Contract Documents on Exhibit A, and addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications and Change Orders issued after the execution of this Agreement, each of which are incorporated herein by reference. The terms of this Agreement shall prevail over any conflicting provisions in the documents incorporated by reference. If a conflict exists between the Plans and the Specifications, the Specifications shall govern.

2. Scope of Work.

2.1 **The Work.** Contractor shall provide to Owner the construction, supervision, direction and other services required by the Contract Documents, including the Project Details Worksheet attached hereto as Exhibit A. The Contractor shall be responsible for and have control over construction means, methods, techniques, sequences, and procedures, and for coordinating all portions of the Work, including the work of subcontractors and suppliers. Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work.

2.2 **Exclusions from the Work.** Contractor shall not provide engineering, structural, foundation, design, architectural, or other such professional services, which shall be provided by a separate professional retained by Owner.

2.3 **Use of Site.** Owner shall provide Contractor with reasonable use of the premises to stage the Work and, if necessary, store materials, equipment and tools used in conjunction with the Work. Contractor shall confine operations at the site to areas agreed upon by Owner and permitted by law, ordinances, permits, and the Contract Documents. To the extent, Contractor incurs additional costs associated with the storage and staging related to the Work, Contractor shall be entitled to

an equitable adjustment to the Contract Sum for such storage or staging. Further, unless otherwise expressly stated in the Contract Documents, Owner shall make electrical, water and make toilet facilities available to Contractor and any workmen or to compensate Contractor for cost of rented units.

2.4 Permits and Fees. Contractor shall obtain and Owner shall pay for the building permit and other permits and governmental fees, licenses, and inspections necessary for proper execution and completion of the Work. If requested, Owner agrees to assist Contractor in obtaining any such permits and licenses. If a neighborhood covenant or architectural review committee requires the approval of plans and specifications, however, Owner shall be responsible for obtaining such approvals and paying for any fees connected with them.

2.5 Cleaning Up. Contractor shall keep the premises and surrounding area free from accumulation of debris and trash related to the Work. At the completion of the Work, the Contractor shall remove its tools, construction equipment, machinery, and surplus material; and shall dispose of waste materials.

2.6 Changes in the Work. The Owner, without invalidating the Contract, may order changes in the Work within the general scope of the Contract, consisting of additions, deletions or other revisions, and the Contract Sum and Contract Time shall be adjusted accordingly, in writing. To the extent Owner and Contractor cannot agree to a change in the Contract Sum, the Owner shall pay the Contractor its actual cost of the changes in the Work, including the removal of any portions of the Work already done that must be modified, altered or redone, plus fifteen percent (15%) overhead and profit.

2.7 Unusual or Unknown Conditions. Contractor shall notify Owner upon discovery or occurrence of any usual or unknown conditions. Further, Contractor shall not be obligated to perform any work to correct damage caused by the existence of hazardous substances or chemicals, termites, insects, moisture, mold, dry rot or decay of any portion of the premises unless expressly described in the Contract Documents. If concealed or unknown physical conditions are encountered at the site that differ materially from those indicated in the Contract Documents or from those conditions ordinarily found to exist, Owner and Contractor shall address such conditions by written change order.

2.8 Conduits, Pipes and Ducts. Unless expressly described in the Contract Documents, the Contract Sum does not include re-routing or removal of vents, pipes, ducts or wiring conduits that may be discovered in removal of walls or cutting openings in walls, floors or ceiling.

3 Payments and Contract Sum.

3.1 Contract Sum and Payment Terms. Owner agrees to pay Contractor the Contract Sum and according to the payment schedule set forth on the Project Detail Worksheet attached hereto as Exhibit A upon Contractor providing an application for payment to Owner.

3.2 Source of Funding; Escrow. Owner shall provide evidence satisfactory to Contractor of Owner’s financing or funding for the Project and the full amount of the Contract Sum. If Owner is not financing the entire amount of the Work, Contractor may require, and Owner agrees to consent to, the use of an escrow agent to disburse payments as set forth in this Agreement.

3.3 Initial Deposit and Draw Schedule. The Project Detail Worksheet attached hereto as Exhibit A sets forth the specific amounts of each Payment. The Initial Deposit shall be paid by Owner to Contractor as a condition precedent to Commencement of the Work. The First Draw shall be submitted by Contractor by invoice to the Owner when Contractor, in its sole discretion, has achieved fifty percent (50%) completion of the Project. The Second Draw shall be submitted by Contractor by invoice to the Owner when Contractor, in its sole discretion, has achieved seventy-five percent (75%) completion of the Project. The Third and Final Draw shall be submitted by Contractor by invoice to the Owner when Contractor, in its sole discretion, has achieved Substantial Completion of the Project. Payments due and unpaid under the Contract Documents shall bear interest from the date payment is due at a rate of eight percent (8%).

3.4 Progress Payments and Final Payment. By making payment to Contractor, Owner consents and agrees that it has thoroughly inspected the Work of Contractor prior to making payment for the portions of Work completed. Final Payment shall be deemed to be unconditional acceptance of the Project by Owner and shall release the Contractor from any further obligations under this Agreement except to complete any punch list items agreed upon by Contractor and Owner at the time of Substantial Completion and to satisfy Contractor’s warranty obligations set forth in this Agreement or required by law.

4 Time and Completion.

4.1 Commencement. Contractor will provide Owner with written notice of commencement (“Notice of Commencement” or “Commencement”) to begin the work after (a) Owner executes this Agreement, (b) Owner satisfies, in Contractor’s sole discretion, the requirements of Section 3.4 (Funding) and (c) Owner makes the Initial Deposit to Contractor.

4.2 Contract Time; Schedule. Contractor shall provide Owner with a progress and completion schedule (“Contract Time”) which shall conform to that schedule, subject to adjustments of the Contract Time as provided in the Contract Documents or required by circumstances beyond Contractor’s control. Contract Time is the number of calendar days available to the Contractor to substantially complete the Work.

4.3 Substantial Completion. Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Owner can occupy or utilize the Work for its intended use. Upon Contractor’s determination that the Work or designated portion thereof is substantially complete, it will notify Owner. The date of the Final Invoice from Contractor shall establish the date of Substantial Completion and fix the time within which the Contractor shall finish all punch list items agreed upon by Contractor and Owner. Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work unless otherwise agreed to in writing by Contractor and Owner.

4.4 Delays. If the Contractor is delayed at any time in progress of the Work by changes ordered in the Work, delays in Owner selecting necessary features, colors, finishes or other options set forth in the allowance and alternates set forth on the Project Detail Worksheet set forth on Exhibit A hereto, by labor disputes, fire, unusual delay in deliveries, delays caused by governmental or permitting authorities, delays caused by architectural review committees or other such land use review, unusual or unseasonal weather, unavoidable casualties, or other causes beyond the Contractor’s control, the Contract Time shall be subject to equitable adjustment. To the extent Contractor incurs additional costs, Contractor shall be entitled to an equitable adjustment of the Contract Sum.

5 Insurance. Contractor shall purchase and maintain the commercial general liability insurance during the performance of Work. The cost of such insurance is included in the Contract Sum. Owner shall purchase and maintain property insurance for any and all structures or improvements on the property where the Work is performed with limits equal to the value of the property during the performance of Work.

6 Warranty; Limitations of Liability.

6.1 Warranty. Provided Owner complies with all terms of this Agreement and related documents and is not in default, Contractor warrants that all Work shall conform to the requirements of the Contract Documents and that any defects due to faulty materials or workmanship for which Owner gives written notice to Contractor within one (1) year from the date of Substantial Completion (“Warranty Period”) and Contractor shall correct any such defects within a reasonable period of time at Contractor’s expense.

6.2 No Implied Warranties. By executing this Agreement, Owner acknowledges that Contractor has made no guarantees, warranties, understanding, nor representations (nor have any been made by any representatives of the Contractor) that are not included in this Agreement.

6.3 Exclusions from Warranty. Unless solely caused by Contractor’s Work, Owner waives any claim against Contractor for any loss or damage caused by (a) soil conditions or soil movement, including but not limited to cracks in concrete, mortar, bricks or tile, and/ or damage to plumbing; (b) fungus, spores, or substance, vapor or gas produced by or arising from any fungus or spores; and (c) any material, product, building component, building or structure that contains, harbors, nurtures or act as a medium for any fungus or spores. As used herein, fungus means any form or type of mold, mushroom or mildew. Spore means any reproductive body produced by or arising from any fungus.

6.4 Limitation of Liability. To the fullest extent permitted by law, the parties to this Agreement hereby consent and agree that neither party shall be liable to the other for any indirect, special, consequential, or punitive damages (including lost profits) arising out of or relating to this agreement, including any addenda hereto, or the transactions it contemplates (whether for breach of contract, tort, negligence, or other form of action) and regardless of whether Contractor has been advised of the possibility of any such damage. In no event shall the Contractor be liable for destruction or deterioration of or defects in any work constructed, or under construction, if the Work is done according to plans or specifications furnished to Contractor and if the destruction, deterioration, or defect was due to any fault or insufficiency of the plans or specifications. Under no circumstances shall Contractor’s liability exceed the Contract Sum under this Agreement, including any addenda hereto.

7 Dispute Resolution.

7.1 Correction Period. As a condition precedent to any other dispute resolution method, Owner agrees to submit a written statement of claims to Contractor and Contractor shall have thirty (30) days (the “Correction Period”) to correct, modify and/or alter any portion of the Work related to Owner’s claims to satisfy Owner’s concerns.

7.2 Mediation. For any issues that remain unresolved after the Correction Period, the parties shall to submit any claim,

dispute, or other matter in question arising out of or related to this Agreement to mediation as a condition precedent to initiating arbitration. The parties shall work in good faith to select and agree upon a mediator within thirty (30) days after a demand for mediation is made by either party. If the parties cannot agree upon a mediator, then each party shall designate their preferred mediator as a representative. Each party's mediator representative shall then select a mediator that will conduct the mediation between the parties. If such matter relates to or is the subject of a lien arising out of the Contractor's services, the Contractor may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or arbitration.

7.3 Arbitration; Waiver of Jury Trial. Owner and Contractor agree that the transactions processed under this Agreement involve "commerce" under the Federal Arbitration Act ("FAA"). For any claim, dispute or other matter arising out of or related to the Agreement or the Work in any manner that is not resolved during the Correction Period or through Mediation, then the parties agree that the method of dispute resolution shall be solely by arbitration in Madison County, Mississippi. Owner and Contractor each waive all rights to a trial by jury. Any controversy or claim between Owner and Contractor, or between Owner and any of Contractor's officers, employees, agents or affiliated entities, that arises out of or is related to any service provided under this Agreement or any subcontracts related to the Work, whether based on contract or in tort or any other legal theory, including claims of fraud, suppression, misrepresentation and fraud in the inducement (collectively, any "Claim"), will be settled by binding arbitration under the FAA. If a claim is submitted to arbitration, neither Owner nor Contractor will have the right to (a) go to court or to have a jury trial; (b) engage in pre-arbitration discovery except as provided in the arbitration rules; or (c) have any claim arbitrated as a class action under the arbitration rules or under any other rules of civil procedure. The parties shall work in good faith to select and agree upon an arbitrator within thirty (30) days after a demand for arbitration by either party. The arbitrator shall have sole discretion to use any commercially reasonable rules of arbitration, unless otherwise agreed to in writing by the parties. If the parties cannot agree upon an arbitrator, then each party shall designate an arbitrator representative and the arbitrator representatives shall select the arbitrator. The parties shall work in good faith to select and agree upon an arbitrator within thirty (30) days after a demand for arbitration by either party. If the parties cannot agree upon an arbitrator, then each party shall designate an arbitrator representative and the arbitrator representatives shall select the arbitrator. The arbitrator's decision will be final and binding with limited rights to appeal. This Agreement to arbitrate disputes will survive the completion of the Work and the termination of this Agreement.

7.4 Time Limitations to Bring Claims. Owner and Contractor hereby consent and agree that any claims between the parties arising from any tort claims, breach of contract or breach of warranty related to the Work under this Agreement shall be brought within two (2) years from Substantial Completion.

7.5 Attorneys' Fees. The prevailing party in any arbitration or dispute shall be entitled to reasonable attorneys' fees and costs.

8 Miscellaneous Provisions.

8.1 Additional Owner Obligations.

8.1.1 Property Lines; Permitted Uses; Additional Information. Owner is solely responsible for the location of all property lines and land use requirements. If any doubt exists as to the location of Owner's property lines or acceptable/permitted use of the property, Owner shall at its own cost, order and pay for a survey, environmental report(s), and/or any other information reasonably requested by Contractor, including utility easements, zoning information, planning and/or land use information. If Owner improperly identifies the necessary property lines or permitted land uses on the property or if Owner fails to provide the necessary information requested, Contractor shall be entitled to an equitable adjustment to the Contract Time and/or Contract Sum.

8.1.2 Property Protection. Owner agrees to remove or protect any personal property, inside and out, including any landscaping, which cannot be adequately protected by Contractor and Owner agrees Contractor shall not be held responsible for damage to or loss of any such property.

8.1.3 No Self-Performance by Owner. Unless otherwise agreed to in writing by Contractor, Owner represents and warrants that it shall neither perform construction or operations related to the Work nor award separate contracts in connection with other portions of the Work.

8.2 Signage and Images. Until the Owner makes the final payment, Owner agrees that the Contractor shall have the right to place reasonable and customary signs on or about the property depicting Contractor's name, logo and other business

information. Owner hereby agrees and consent that Contractor may take pictures of and use images of the Project advertising, print, internet, and other promotional materials for Contractor.

8.3 Notices. Any notice or other communication required or permitted to be given under this Agreement to Owner may be delivered or sent by U.S. Mail or private courier or by electronic delivery (e-mail) to the address provided in this Agreement or by any other method allowed by law, and unless otherwise provided herein, such notices shall be deemed given to Owner when sent. Any written notice or other communication required or permitted to be given under this Agreement to Contractor may be delivered or sent by U.S. Mail to Contractor at the following address:

Foremost Foundations, LLC

Attention: Office Manager

PO BOX 725

Madison, MS 39130

Except as otherwise stated herein, any such notices to Contractor shall be deemed given when received.

8.4 Termination. Owner may terminate this Agreement by (a) mutual agreement of the Parties in writing; or (b) upon Contractor's material breach of this Agreement and after Owner provides a thirty (30) day written notice to Contractor and a Contractor's failure to cure or commence a cure within that time period. Contractor may cease work and recover compensation for the Cost of the Work incurred to date, including lost profits, in the event that Owner fails to make payment required by this Agreement within ten (10) days after Contractor provides Owner with an invoice for payment. If Owner fails to make payment required by this Agreement within thirty (30) days after Contractor provides Owner with an invoice for payment, then Contractor may terminate the Agreement. If Owner makes payment after Contractor ceases the Work or terminates the Agreement, Contractor may, in its sole discretion, reinstate the Agreement and complete the Work; provided, however, Contractor shall be entitled to an extension of time and adjustment to the Contract Sum for any delays by Owner in making payments.

8.5 Governing Law. The laws of the State of Mississippi (without giving effect to its conflicts of law principles) govern any and all matters arising from or in any way related to this Agreement, including, without limitation, its interpretation, construction, validity, performance (including the details of performance), and enforcement.

8.6 Assignment. Owner may not assign any of its rights under this Agreement, except with the prior written consent of Contractor. Any purported assignment in violation of this section is void.

8.7 Interpretation. This Agreement and all documents and agreements incorporated by reference or identified are intended to be complimentary and interpreted in harmony so as to avoid conflict. In the event of any vagueness, conflict, inconsistency or omission in the integrated documents, this Agreement, including Exhibit A, shall control.

8.8 Entire Agreement. This Agreement constitutes the entire agreement between the parties with respect to the subject matter of this Agreement and supersedes all other agreements, whether written or oral, between the parties.

8.9 Amendments; Binding Effect. No amendment to this Agreement will be effective unless it is in writing and signed by both parties. This Agreement shall be binding upon the parties and their respective heirs, executors, administrators, successors, representatives, agents and assigns.

8.10 Counterparts; Electronic Signatures. This Agreement may be signed in one or more counterparts, which together will form a single agreement. This Agreement may be signed or acknowledged electronically.

Below are two EASY ways to apply for the GreenSky loan.

You will go to the link below to apply:
www.greensky.com/consumer

*Once applied you can view documents by entering application ID and the last four digits of your SS#

Or call our Customer Service at **1(866)936-0602**

Hours of Operation: Monday through Saturday: 6:00am – 1:00am ET Sunday: 8:00 – 1:00am ET

You will need our Merchant ID: **81085547** Vada Inc dba Foremost Foundations & Construction and the Plan #

Plan **2613** -12 Months, 0% Interest, SAC, 12 Payments

Plan **2726**- 84 Months,7.99% interest, 84 Payments

Plan **2740**- 120 Months, 9.99% interest, 120 Payments

By signing any forms or agreements provided to you by Foremost Foundations & Construction, you understand, agree and acknowledge that your electronic signature is the legally binding equivalent to your handwritten signature. You agree, by providing your electronic signature, that you will not repudiate, deny or challenge the validity of your electronic signature or of any electronic agreement that you electronically sign or their legally binding effect.

Signature: Date: Time:

Photos

Section 1

Polyurethane Foam



Murray
Mud-Jacking Service Inc.
Research and Experience Since 1946
P.O. box 656, Madison, MS.39130
Phone (601) 898-0500
Fax: (601) 898-0506

Date 11-16-23
City of Gluckstadt
Public Works
Gluckstadt Ms. 39110

Attn: *Chris Buckner*

Re: Storm drain repair, *148 Jawn Circle hole under side walk and around storm box at curve.*

We will pump soil cement to fill voids around storm drains and seal pipes.

We as a matter of policy will assume no responsibility for any under ground piping or plumbing, utilities ect.

The cost for these repairs is \$ 2200.⁰⁰

City to furnish water for material and clean up.

Sincerely,

Dalton Strait

Dalton Strait
/for Murray Mud-Jacking Service Inc.

Murray
Mud-Jacking Service Inc.
Research and Experience Since 1946

P.O. box 656, Madison, MS.39130
Phone (601) 898-0500
Fax: (601) 898-0506

Date 11-16-23
City of Gluckstadt
Public Works
Gluckstadt Ms. 39110

Attn: *Chris Buckner*

Re: Storm drain repair, *117 Pointe RD. hole under sidewalk and end of driveway*

We will pump soil cement to fill voids around storm drains and seal pipes.

We as a matter of policy will assume no responsibility for any under ground piping or plumbing, utilities ect.

The cost for these repairs is \$ 1800.⁰⁰

City to furnish water for material and clean up.

Sincerely,

Dalton Strait

Dalton Strait
/for Murray Mud-Jacking Service Inc.

Prepared for:

City of Gluckstadt
Chris Buckner
148 jorn cr
canton, MS 39046

(601) 672-3562 | chris.buckner@gluckstadt.net



Evaluated on:

Tuesday, November 21, 2023

Evaluated By:

Bray Watkins

(601) 488-0847 | bray@foremostfoundations.com

Foremost Foundations & Construction
PO BOX 725
Madison, MS 39130
Main (601) 405-1052
www.foremostfoundations.com

Scope of Work

We would like to thank you for giving us the opportunity to earn your business. Our belief is to approach projects using a comprehensive plan that corrects the source of the problems and the symptoms they have caused. This method provides a quality solution that lasts much longer than addressing only portions of the issues.

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| <i>NOTE: Estimated quantities of Poly is subjective and based on general observations, site conditions and formulas. We can not guarantee in anyway that the estimated amount above will be the correct amount needed for your project.</i> | |

Notes

Repair plan consists of using polyurethane resin to fill voids under sidewalk and around box drain. This is a void fill application.

Costs

Section: Section 1

| Description | Quantity | Cost |
|-------------------------|----------|--------------------------|
| 2lb Poly Foam Void Fill | 24.00 | \$2,880.00 |
| Total Cost: | | \$2,880.00 |
| | | Total: \$2,880.00 |

Payment Terms

| | | |
|------------------|----------------------------------|------------|
| One-Time Payment | <i>Due at project completion</i> | \$2,880.00 |
|------------------|----------------------------------|------------|

Terms & Conditions

Warranties

ONE YEAR LIMITED WARRANTY

FOR DEFECTS IN MATERIALS AND WORKMANSHIP

Limited Warranty: Should defects in the materials or the workmanship, as described in the Agreement for The Work, become apparent and after all due diligence is completed and cause is justified within one year from completion of The Work, Foremost Foundations, LLC (FFC) will provide a Limited Warranty Service at no cost to the Owner. The one-year warranty begins at the date of completion of the work.

Limited Warranty Service: Limited Warranty Service shall mean a service to correct the defects in materials and workmanship as described in Agreement for Work only.

Limitations of Warranty Service: Soil Stability- The stability of the floor/slab support system is totally dependent upon the performance of the soils supporting system. The condition of the support soils is subject to change. The Limited Warranty specifically excludes movement due to soil behavior.

Consequential Damages: This One Year Limited Warranty does not include any repair which is the result of consequential damages, including, but not limited to, damage to concrete, brick, mortar, sheetrock, wallpaper, paint, rigid materials or furnishings. THE WRITTEN TERMS OF THIS ONE YEAR LIMITED WARRANTY, AS EXPRESSED ABOVE, REPRESENT THE ENTIRE WARRANTY OBLIGATION OF FFC. NO OTHER AGREEMENT, UNDERSTANDING, REPRESENTATIONS OR WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE, HAVE BEEN OR ARE MADE BY FFC.

Contract

General Construction Agreement

This construction agreement (the "Agreement") is between **Foremost Foundations, LLC**, a Mississippi limited liability company (the "Contractor"), and the undersigned owner identified above (the "Owner"), and the parties to this Agreement agree as follows:

1. **Contract Documents.** The Contract Documents consist of this Agreement, the documents enumerated as Contract Documents on Exhibit A, and addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications and Change Orders issued after the execution of this Agreement, each of which are incorporated herein by reference. The terms of this Agreement shall prevail over any conflicting provisions in the documents incorporated by reference. If a conflict exists between the Plans and the Specifications, the Specifications shall govern.

2. Scope of Work.

2.1 **The Work.** Contractor shall provide to Owner the construction, supervision, direction and other services required by the Contract Documents, including the Project Details Worksheet attached hereto as Exhibit A. The Contractor shall be responsible for and have control over construction means, methods, techniques, sequences, and procedures, and for coordinating all portions of the Work, including the work of subcontractors and suppliers. Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work.

2.2 **Exclusions from the Work.** Contractor shall not provide engineering, structural, foundation, design, architectural, or other such professional services, which shall be provided by a separate professional retained by Owner.

2.3 **Use of Site.** Owner shall provide Contractor with reasonable use of the premises to stage the Work and, if necessary, store materials, equipment and tools used in conjunction with the Work. Contractor shall confine operations at the site to areas agreed upon by Owner and permitted by law, ordinances, permits, and the Contract Documents. To the extent, Contractor incurs additional costs associated with the storage and staging related to the Work, Contractor shall be entitled to

an equitable adjustment to the Contract Sum for such storage or staging. Further, unless otherwise expressly stated in the Contract Documents, Owner shall make electrical, water and make toilet facilities available to Contractor and any workmen or to compensate Contractor for cost of rented units.

2.4 Permits and Fees. Contractor shall obtain and Owner shall pay for the building permit and other permits and governmental fees, licenses, and inspections necessary for proper execution and completion of the Work. If requested, Owner agrees to assist Contractor in obtaining any such permits and licenses. If a neighborhood covenant or architectural review committee requires the approval of plans and specifications, however, Owner shall be responsible for obtaining such approvals and paying for any fees connected with them.

2.5 Cleaning Up. Contractor shall keep the premises and surrounding area free from accumulation of debris and trash related to the Work. At the completion of the Work, the Contractor shall remove its tools, construction equipment, machinery, and surplus material; and shall dispose of waste materials.

2.6 Changes in the Work. The Owner, without invalidating the Contract, may order changes in the Work within the general scope of the Contract, consisting of additions, deletions or other revisions, and the Contract Sum and Contract Time shall be adjusted accordingly, in writing. To the extent Owner and Contractor cannot agree to a change in the Contract Sum, the Owner shall pay the Contractor its actual cost of the changes in the Work, including the removal of any portions of the Work already done that must be modified, altered or redone, plus fifteen percent (15%) overhead and profit.

2.7 Unusual or Unknown Conditions. Contractor shall notify Owner upon discovery or occurrence of any usual or unknown conditions. Further, Contractor shall not be obligated to perform any work to correct damage caused by the existence of hazardous substances or chemicals, termites, insects, moisture, mold, dry rot or decay of any portion of the premises unless expressly described in the Contract Documents. If concealed or unknown physical conditions are encountered at the site that differ materially from those indicated in the Contract Documents or from those conditions ordinarily found to exist, Owner and Contractor shall address such conditions by written change order.

2.8 Conduits, Pipes and Ducts. Unless expressly described in the Contract Documents, the Contract Sum does not include re-routing or removal of vents, pipes, ducts or wiring conduits that may be discovered in removal of walls or cutting openings in walls, floors or ceiling.

3 Payments and Contract Sum.

3.1 Contract Sum and Payment Terms. Owner agrees to pay Contractor the Contract Sum and according to the payment schedule set forth on the Project Detail Worksheet attached hereto as Exhibit A upon Contractor providing an application for payment to Owner.

3.2 Source of Funding; Escrow. Owner shall provide evidence satisfactory to Contractor of Owner’s financing or funding for the Project and the full amount of the Contract Sum. If Owner is not financing the entire amount of the Work, Contractor may require, and Owner agrees to consent to, the use of an escrow agent to disburse payments as set forth in this Agreement.

3.3 Initial Deposit and Draw Schedule. The Project Detail Worksheet attached hereto as Exhibit A sets forth the specific amounts of each Payment. The Initial Deposit shall be paid by Owner to Contractor as a condition precedent to Commencement of the Work. The First Draw shall be submitted by Contractor by invoice to the Owner when Contractor, in its sole discretion, has achieved fifty percent (50%) completion of the Project. The Second Draw shall be submitted by Contractor by invoice to the Owner when Contractor, in its sole discretion, has achieved seventy-five percent (75%) completion of the Project. The Third and Final Draw shall be submitted by Contractor by invoice to the Owner when Contractor, in its sole discretion, has achieved Substantial Completion of the Project. Payments due and unpaid under the Contract Documents shall bear interest from the date payment is due at a rate of eight percent (8%).

3.4 Progress Payments and Final Payment. By making payment to Contractor, Owner consents and agrees that it has thoroughly inspected the Work of Contractor prior to making payment for the portions of Work completed. Final Payment shall be deemed to be unconditional acceptance of the Project by Owner and shall release the Contractor from any further obligations under this Agreement except to complete any punch list items agreed upon by Contractor and Owner at the time of Substantial Completion and to satisfy Contractor’s warranty obligations set forth in this Agreement or required by law.

4 Time and Completion.

4.1 Commencement. Contractor will provide Owner with written notice of commencement (“Notice of Commencement” or “Commencement”) to begin the work after (a) Owner executes this Agreement, (b) Owner satisfies, in Contractor’s sole discretion, the requirements of Section 3.4 (Funding) and (c) Owner makes the Initial Deposit to Contractor.

4.2 Contract Time; Schedule. Contractor shall provide Owner with a progress and completion schedule ("Contract Time") which shall conform to that schedule, subject to adjustments of the Contract Time as provided in the Contract Documents or required by circumstances beyond Contractor's control. Contract Time is the number of calendar days available to the Contractor to substantially complete the Work.

4.3 Substantial Completion. Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Owner can occupy or utilize the Work for its intended use. Upon Contractor's determination that the Work or designated portion thereof is substantially complete, it will notify Owner. The date of the Final Invoice from Contractor shall establish the date of Substantial Completion and fix the time within which the Contractor shall finish all punch list items agreed upon by Contractor and Owner. Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work unless otherwise agreed to in writing by Contractor and Owner.

4.4 Delays. If the Contractor is delayed at any time in progress of the Work by changes ordered in the Work, delays in Owner selecting necessary features, colors, finishes or other options set forth in the allowance and alternates set forth on the Project Detail Worksheet set forth on Exhibit A hereto, by labor disputes, fire, unusual delay in deliveries, delays caused by governmental or permitting authorities, delays caused by architectural review committees or other such land use review, unusual or unseasonal weather, unavoidable casualties, or other causes beyond the Contractor's control, the Contract Time shall be subject to equitable adjustment. To the extent Contractor incurs additional costs, Contractor shall be entitled to an equitable adjustment of the Contract Sum.

5 Insurance. Contractor shall purchase and maintain the commercial general liability insurance during the performance of Work. The cost of such insurance is included in the Contract Sum. Owner shall purchase and maintain property insurance for any and all structures or improvements on the property where the Work is performed with limits equal to the value of the property during the performance of Work.

6 Warranty; Limitations of Liability.

6.1 Warranty. Provided Owner complies with all terms of this Agreement and related documents and is not in default, Contractor warrants that all Work shall conform to the requirements of the Contract Documents and that any defects due to faulty materials or workmanship for which Owner gives written notice to Contractor within one (1) year from the date of Substantial Completion ("Warranty Period") and Contractor shall correct any such defects within a reasonable period of time at Contractor's expense.

6.2 No Implied Warranties. By executing this Agreement, Owner acknowledges that Contractor has made no guarantees, warranties, understanding, nor representations (nor have any been made by any representatives of the Contractor) that are not included in this Agreement.

6.3 Exclusions from Warranty. Unless solely caused by Contractor's Work, Owner waives any claim against Contractor for any loss or damage caused by (a) soil conditions or soil movement, including but not limited to cracks in concrete, mortar, bricks or tile, and/ or damage to plumbing; (b) fungus, spores, or substance, vapor or gas produced by or arising from any fungus or spores; and (c) any material, product, building component, building or structure that contains, harbors, nurtures or act as a medium for any fungus or spores. As used herein, fungus means any form or type of mold, mushroom or mildew. Spore means any reproductive body produced by or arising from any fungus.

6.4 Limitation of Liability. To the fullest extent permitted by law, the parties to this Agreement hereby consent and agree that neither party shall be liable to the other for any indirect, special, consequential, or punitive damages (including lost profits) arising out of or relating to this agreement, including any addenda hereto, or the transactions it contemplates (whether for breach of contract, tort, negligence, or other form of action) and regardless of whether Contractor has been advised of the possibility of any such damage. In no event shall the Contractor be liable for destruction or deterioration of or defects in any work constructed, or under construction, if the Work is done according to plans or specifications furnished to Contractor and if the destruction, deterioration, or defect was due to any fault or insufficiency of the plans or specifications. Under no circumstances shall Contractor's liability exceed the Contract Sum under this Agreement, including any addenda hereto.

7 **Dispute Resolution.**

7.1 Correction Period. As a condition precedent to any other dispute resolution method, Owner agrees to submit a written statement of claims to Contractor and Contractor shall have thirty (30) days (the "Correction Period") to correct, modify and/or alter any portion of the Work related to Owner's claims to satisfy Owner's concerns.

7.2 Mediation. For any issues that remain unresolved after the Correction Period, the parties shall to submit any claim,

dispute, or other matter in question arising out of or related to this Agreement to mediation as a condition precedent to initiating arbitration. The parties shall work in good faith to select and agree upon a mediator within thirty (30) days after a demand for mediation is made by either party. If the parties cannot agree upon a mediator, then each party shall designate their preferred mediator as a representative. Each party's mediator representative shall then select a mediator that will conduct the mediation between the parties. If such matter relates to or is the subject of a lien arising out of the Contractor's services, the Contractor may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or arbitration.

7.3 Arbitration; Waiver of Jury Trial. Owner and Contractor agree that the transactions processed under this Agreement involve "commerce" under the Federal Arbitration Act ("FAA"). For any claim, dispute or other matter arising out of or related to the Agreement or the Work in any manner that is not resolved during the Correction Period or through Mediation, then the parties agree that the method of dispute resolution shall be solely by arbitration in Madison County, Mississippi. Owner and Contractor each waive all rights to a trial by jury. Any controversy or claim between Owner and Contractor, or between Owner and any of Contractor's officers, employees, agents or affiliated entities, that arises out of or is related to any service provided under this Agreement or any subcontracts related to the Work, whether based on contract or in tort or any other legal theory, including claims of fraud, suppression, misrepresentation and fraud in the inducement (collectively, any "Claim"), will be settled by binding arbitration under the FAA. If a claim is submitted to arbitration, neither Owner nor Contractor will have the right to (a) go to court or to have a jury trial; (b) engage in pre-arbitration discovery except as provided in the arbitration rules; or (c) have any claim arbitrated as a class action under the arbitration rules or under any other rules of civil procedure. The parties shall work in good faith to select and agree upon an arbitrator within thirty (30) days after a demand for arbitration by either party. The arbitrator shall have sole discretion to use any commercially reasonable rules of arbitration, unless otherwise agreed to in writing by the parties. If the parties cannot agree upon an arbitrator, then each party shall designate an arbitrator representative and the arbitrator representatives shall select the arbitrator. The parties shall work in good faith to select and agree upon an arbitrator within thirty (30) days after a demand for arbitration by either party. If the parties cannot agree upon an arbitrator, then each party shall designate an arbitrator representative and the arbitrator representatives shall select the arbitrator. The arbitrator's decision will be final and binding with limited rights to appeal. This Agreement to arbitrate disputes will survive the completion of the Work and the termination of this Agreement.

7.4 Time Limitations to Bring Claims. Owner and Contractor hereby consent and agree that any claims between the parties arising from any tort claims, breach of contract or breach of warranty related to the Work under this Agreement shall be brought within two (2) years from Substantial Completion.

7.5 Attorneys' Fees. The prevailing party in any arbitration or dispute shall be entitled to reasonable attorneys' fees and costs.

8 Miscellaneous Provisions.

8.1 Additional Owner Obligations.

8.1.1 Property Lines; Permitted Uses; Additional Information. Owner is solely responsible for the location of all property lines and land use requirements. If any doubt exists as to the location of Owner's property lines or acceptable/permitted use of the property, Owner shall at its own cost, order and pay for a survey, environmental report(s), and/or any other information reasonably requested by Contractor, including utility easements, zoning information, planning and/or land use information. If Owner improperly identifies the necessary property lines or permitted land uses on the property or if Owner fails to provide the necessary information requested, Contractor shall be entitled to an equitable adjustment to the Contract Time and/or Contract Sum.

8.1.2 Property Protection. Owner agrees to remove or protect any personal property, inside and out, including any landscaping, which cannot be adequately protected by Contractor and Owner agrees Contractor shall not be held responsible for damage to or loss of any such property.

8.1.3 No Self-Performance by Owner. Unless otherwise agreed to in writing by Contractor, Owner represents and warrants that it shall neither perform construction or operations related to the Work nor award separate contracts in connection with other portions of the Work.

8.2 Signage and Images. Until the Owner makes the final payment, Owner agrees that the Contractor shall have the right to place reasonable and customary signs on or about the property depicting Contractor's name, logo and other business

information. Owner hereby agrees and consent that Contractor may take pictures of and use images of the Project advertising, print, internet, and other promotional materials for Contractor.

8.3 Notices. Any notice or other communication required or permitted to be given under this Agreement to Owner may be delivered or sent by U.S. Mail or private courier or by electronic delivery (e-mail) to the address provided in this Agreement or by any other method allowed by law, and unless otherwise provided herein, such notices shall be deemed given to Owner when sent. Any written notice or other communication required or permitted to be given under this Agreement to Contractor may be delivered or sent by U.S. Mail to Contractor at the following address:

Foremost Foundations, LLC

Attention: Office Manager

PO BOX 725

Madison, MS 39130

Except as otherwise stated herein, any such notices to Contractor shall be deemed given when received.

8.4 Termination. Owner may terminate this Agreement by (a) mutual agreement of the Parties in writing; or (b) upon Contractor's material breach of this Agreement and after Owner provides a thirty (30) day written notice to Contractor and a Contractor's failure to cure or commence a cure within that time period. Contractor may cease work and recover compensation for the Cost of the Work incurred to date, including lost profits, in the event that Owner fails to make payment required by this Agreement within ten (10) days after Contractor provides Owner with an invoice for payment. If Owner fails to make payment required by this Agreement within thirty (30) days after Contractor provides Owner with an invoice for payment, then Contractor may terminate the Agreement. If Owner makes payment after Contractor ceases the Work or terminates the Agreement, Contractor may, in its sole discretion, reinstate the Agreement and complete the Work; provided, however, Contractor shall be entitled to an extension of time and adjustment to the Contract Sum for any delays by Owner in making payments.

8.5 Governing Law. The laws of the State of Mississippi (without giving effect to its conflicts of law principles) govern any and all matters arising from or in any way related to this Agreement, including, without limitation, its interpretation, construction, validity, performance (including the details of performance), and enforcement.

8.6 Assignment. Owner may not assign any of its rights under this Agreement, except with the prior written consent of Contractor. Any purported assignment in violation of this section is void.

8.7 Interpretation. This Agreement and all documents and agreements incorporated by reference or identified are intended to be complimentary and interpreted in harmony so as to avoid conflict. In the event of any vagueness, conflict, inconsistency or omission in the integrated documents, this Agreement, including Exhibit A, shall control.

8.8 Entire Agreement. This Agreement constitutes the entire agreement between the parties with respect to the subject matter of this Agreement and supersedes all other agreements, whether written or oral, between the parties.

8.9 Amendments; Binding Effect. No amendment to this Agreement will be effective unless it is in writing and signed by both parties. This Agreement shall be binding upon the parties and their respective heirs, executors, administrators, successors, representatives, agents and assigns.

8.10 Counterparts; Electronic Signatures. This Agreement may be signed in one or more counterparts, which together will form a single agreement. This Agreement may be signed or acknowledged electronically.

Below are two EASY ways to apply for the GreenSky loan.

You will go to the link below to apply:
www.greensky.com/consumer

*Once applied you can view documents by entering application ID and the last four digits of your SS#

Or call our Customer Service at **1(866)936-0602**

Hours of Operation: Monday through Saturday: 6:00am – 1:00am ET Sunday: 8:00 – 1:00am ET

You will need our Merchant ID: **81085547** Vada Inc dba Foremost Foundations & Construction and the Plan #

Plan **2613** -12 Months, 0% Interest, SAC, 12 Payments

Plan **2726**- 84 Months,7.99% interest, 84 Payments

Plan **2740**- 120 Months, 9.99% interest, 120 Payments

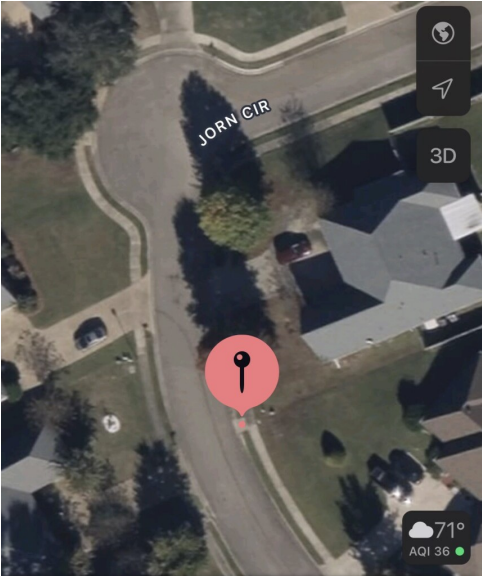
By signing any forms or agreements provided to you by Foremost Foundations & Construction, you understand, agree and acknowledge that your electronic signature is the legally binding equivalent to your handwritten signature. You agree, by providing your electronic signature, that you will not repudiate, deny or challenge the validity of your electronic signature or of any electronic agreement that you electronically sign or their legally binding effect.

Signature: Date: Time:

Photos

Section 1

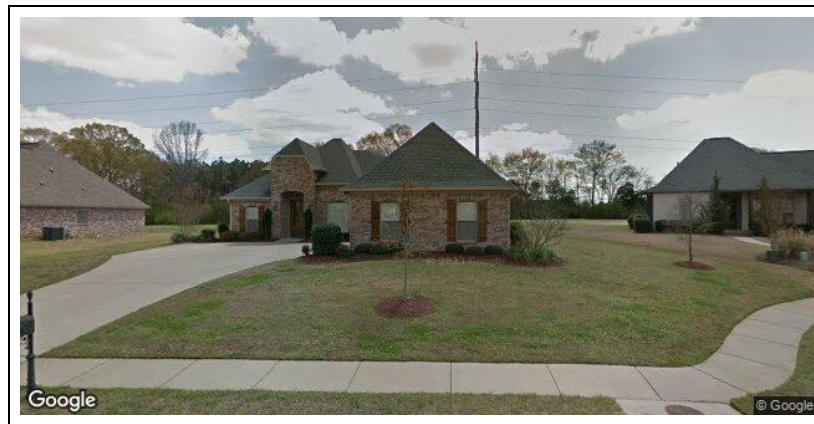
Polyurethane Foam



Prepared for:

City of Gluckstadt
Chris Buckner
127 Bradshaw Crossing
Canton, MS 39046

(601) 672-3562 | chris.buckner@gluckstadt.net



Evaluated on:

Friday, November 17, 2023

Evaluated By:

Bray Watkins

(601) 488-0847 | bray@foremostfoundations.com

Foremost Foundations & Construction

PO BOX 725

Madison, MS 39130

Main (601) 405-1052

www.foremostfoundations.com

Scope of Work

We would like to thank you for giving us the opportunity to earn your business. Our belief is to approach projects using a comprehensive plan that corrects the source of the problems and the symptoms they have caused. This method provides a quality solution that lasts much longer than addressing only portions of the issues.

After performing a thorough examination of your property, we have prepared the following estimate and diagram to meet the needs of your project. We believe this will provide a detailed explanation of our solution as well as the associated costs.

Section 1

Polyurethane Foam

| Product | Quantity |
|---|----------|
| 2lb Poly Foam Void Fill <i>Inject 2lb. Poly Foam under slab to void fill and solidify the soils. At owners discretion if estimated quantity is insufficient then overage rate of \$100.00 per gallon thereafter will be applied via Change Order. *****Mobilization is included*****</i> | 22 |
| <i>NOTE: Estimated quantities of Poly is subjective and based on general observations, site conditions and formulas. We can not guarantee in anyway that the estimated amount above will be the correct amount needed for your project.</i> | |

Notes

Repair plan consists of using polyurethane resin to fill voids under sidewalk and behind box drain. This is void fill application.

Costs

Section: Section 1

| Description | Quantity | Cost |
|-------------------------|----------|--------------------------|
| 2lb Poly Foam Void Fill | 22.00 | \$2,640.00 |
| Total Cost: | | \$2,640.00 |
| | | Total: \$2,640.00 |

Payment Terms

| | | |
|------------------|----------------------------------|------------|
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Terms & Conditions

Warranties

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Contract

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4.2 Contract Time; Schedule. Contractor shall provide Owner with a progress and completion schedule (“Contract Time”) which shall conform to that schedule, subject to adjustments of the Contract Time as provided in the Contract Documents or required by circumstances beyond Contractor’s control. Contract Time is the number of calendar days available to the Contractor to substantially complete the Work.

4.3 Substantial Completion. Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Owner can occupy or utilize the Work for its intended use. Upon Contractor’s determination that the Work or designated portion thereof is substantially complete, it will notify Owner. The date of the Final Invoice from Contractor shall establish the date of Substantial Completion and fix the time within which the Contractor shall finish all punch list items agreed upon by Contractor and Owner. Warranties required by the Contract Documents shall commence on the date of Substantial Completion of the Work unless otherwise agreed to in writing by Contractor and Owner.

4.4 Delays. If the Contractor is delayed at any time in progress of the Work by changes ordered in the Work, delays in Owner selecting necessary features, colors, finishes or other options set forth in the allowance and alternates set forth on the Project Detail Worksheet set forth on Exhibit A hereto, by labor disputes, fire, unusual delay in deliveries, delays caused by governmental or permitting authorities, delays caused by architectural review committees or other such land use review, unusual or unseasonal weather, unavoidable casualties, or other causes beyond the Contractor’s control, the Contract Time shall be subject to equitable adjustment. To the extent Contractor incurs additional costs, Contractor shall be entitled to an equitable adjustment of the Contract Sum.

5 Insurance. Contractor shall purchase and maintain the commercial general liability insurance during the performance of Work. The cost of such insurance is included in the Contract Sum. Owner shall purchase and maintain property insurance for any and all structures or improvements on the property where the Work is performed with limits equal to the value of the property during the performance of Work.

6 Warranty; Limitations of Liability.

6.1 Warranty. Provided Owner complies with all terms of this Agreement and related documents and is not in default, Contractor warrants that all Work shall conform to the requirements of the Contract Documents and that any defects due to faulty materials or workmanship for which Owner gives written notice to Contractor within one (1) year from the date of Substantial Completion (“Warranty Period”) and Contractor shall correct any such defects within a reasonable period of time at Contractor’s expense.

6.2 No Implied Warranties. By executing this Agreement, Owner acknowledges that Contractor has made no guarantees, warranties, understanding, nor representations (nor have any been made by any representatives of the Contractor) that are not included in this Agreement.

6.3 Exclusions from Warranty. Unless solely caused by Contractor’s Work, Owner waives any claim against Contractor for any loss or damage caused by (a) soil conditions or soil movement, including but not limited to cracks in concrete, mortar, bricks or tile, and/ or damage to plumbing; (b) fungus, spores, or substance, vapor or gas produced by or arising from any fungus or spores; and (c) any material, product, building component, building or structure that contains, harbors, nurtures or act as a medium for any fungus or spores. As used herein, fungus means any form or type of mold, mushroom or mildew. Spore means any reproductive body produced by or arising from any fungus.

6.4 Limitation of Liability. To the fullest extent permitted by law, the parties to this Agreement hereby consent and agree that neither party shall be liable to the other for any indirect, special, consequential, or punitive damages (including lost profits) arising out of or relating to this agreement, including any addenda hereto, or the transactions it contemplates (whether for breach of contract, tort, negligence, or other form of action) and regardless of whether Contractor has been advised of the possibility of any such damage. In no event shall the Contractor be liable for destruction or deterioration of or defects in any work constructed, or under construction, if the Work is done according to plans or specifications furnished to Contractor and if the destruction, deterioration, or defect was due to any fault or insufficiency of the plans or specifications. Under no circumstances shall Contractor’s liability exceed the Contract Sum under this Agreement, including any addenda hereto.

7 Dispute Resolution.

7.1 Correction Period. As a condition precedent to any other dispute resolution method, Owner agrees to submit a written statement of claims to Contractor and Contractor shall have thirty (30) days (the “Correction Period”) to correct, modify and/or alter any portion of the Work related to Owner’s claims to satisfy Owner’s concerns.

7.2 Mediation. For any issues that remain unresolved after the Correction Period, the parties shall to submit any claim,

dispute, or other matter in question arising out of or related to this Agreement to mediation as a condition precedent to initiating arbitration. The parties shall work in good faith to select and agree upon a mediator within thirty (30) days after a demand for mediation is made by either party. If the parties cannot agree upon a mediator, then each party shall designate their preferred mediator as a representative. Each party's mediator representative shall then select a mediator that will conduct the mediation between the parties. If such matter relates to or is the subject of a lien arising out of the Contractor's services, the Contractor may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or arbitration.

7.3 Arbitration; Waiver of Jury Trial. Owner and Contractor agree that the transactions processed under this Agreement involve "commerce" under the Federal Arbitration Act ("FAA"). For any claim, dispute or other matter arising out of or related to the Agreement or the Work in any manner that is not resolved during the Correction Period or through Mediation, then the parties agree that the method of dispute resolution shall be solely by arbitration in Madison County, Mississippi. Owner and Contractor each waive all rights to a trial by jury. Any controversy or claim between Owner and Contractor, or between Owner and any of Contractor's officers, employees, agents or affiliated entities, that arises out of or is related to any service provided under this Agreement or any subcontracts related to the Work, whether based on contract or in tort or any other legal theory, including claims of fraud, suppression, misrepresentation and fraud in the inducement (collectively, any "Claim"), will be settled by binding arbitration under the FAA. If a claim is submitted to arbitration, neither Owner nor Contractor will have the right to (a) go to court or to have a jury trial; (b) engage in pre-arbitration discovery except as provided in the arbitration rules; or (c) have any claim arbitrated as a class action under the arbitration rules or under any other rules of civil procedure. The parties shall work in good faith to select and agree upon an arbitrator within thirty (30) days after a demand for arbitration by either party. The arbitrator shall have sole discretion to use any commercially reasonable rules of arbitration, unless otherwise agreed to in writing by the parties. If the parties cannot agree upon an arbitrator, then each party shall designate an arbitrator representative and the arbitrator representatives shall select the arbitrator. The parties shall work in good faith to select and agree upon an arbitrator within thirty (30) days after a demand for arbitration by either party. If the parties cannot agree upon an arbitrator, then each party shall designate an arbitrator representative and the arbitrator representatives shall select the arbitrator. The arbitrator's decision will be final and binding with limited rights to appeal. This Agreement to arbitrate disputes will survive the completion of the Work and the termination of this Agreement.

7.4 Time Limitations to Bring Claims. Owner and Contractor hereby consent and agree that any claims between the parties arising from any tort claims, breach of contract or breach of warranty related to the Work under this Agreement shall be brought within two (2) years from Substantial Completion.

7.5 Attorneys' Fees. The prevailing party in any arbitration or dispute shall be entitled to reasonable attorneys' fees and costs.

8 Miscellaneous Provisions.

8.1 Additional Owner Obligations.

8.1.1 Property Lines; Permitted Uses; Additional Information. Owner is solely responsible for the location of all property lines and land use requirements. If any doubt exists as to the location of Owner's property lines or acceptable/permitted use of the property, Owner shall at its own cost, order and pay for a survey, environmental report(s), and/or any other information reasonably requested by Contractor, including utility easements, zoning information, planning and/or land use information. If Owner improperly identifies the necessary property lines or permitted land uses on the property or if Owner fails to provide the necessary information requested, Contractor shall be entitled to an equitable adjustment to the Contract Time and/or Contract Sum.

8.1.2 Property Protection. Owner agrees to remove or protect any personal property, inside and out, including any landscaping, which cannot be adequately protected by Contractor and Owner agrees Contractor shall not be held responsible for damage to or loss of any such property.

8.1.3 No Self-Performance by Owner. Unless otherwise agreed to in writing by Contractor, Owner represents and warrants that it shall neither perform construction or operations related to the Work nor award separate contracts in connection with other portions of the Work.

8.2 Signage and Images. Until the Owner makes the final payment, Owner agrees that the Contractor shall have the right to place reasonable and customary signs on or about the property depicting Contractor's name, logo and other business

information. Owner hereby agrees and consent that Contractor may take pictures of and use images of the Project advertising, print, internet, and other promotional materials for Contractor.

8.3 Notices. Any notice or other communication required or permitted to be given under this Agreement to Owner may be delivered or sent by U.S. Mail or private courier or by electronic delivery (e-mail) to the address provided in this Agreement or by any other method allowed by law, and unless otherwise provided herein, such notices shall be deemed given to Owner when sent. Any written notice or other communication required or permitted to be given under this Agreement to Contractor may be delivered or sent by U.S. Mail to Contractor at the following address:

Foremost Foundations, LLC

Attention: Office Manager

PO BOX 725

Madison, MS 39130

Except as otherwise stated herein, any such notices to Contractor shall be deemed given when received.

8.4 Termination. Owner may terminate this Agreement by (a) mutual agreement of the Parties in writing; or (b) upon Contractor's material breach of this Agreement and after Owner provides a thirty (30) day written notice to Contractor and a Contractor's failure to cure or commence a cure within that time period. Contractor may cease work and recover compensation for the Cost of the Work incurred to date, including lost profits, in the event that Owner fails to make payment required by this Agreement within ten (10) days after Contractor provides Owner with an invoice for payment. If Owner fails to make payment required by this Agreement within thirty (30) days after Contractor provides Owner with an invoice for payment, then Contractor may terminate the Agreement. If Owner makes payment after Contractor ceases the Work or terminates the Agreement, Contractor may, in its sole discretion, reinstate the Agreement and complete the Work; provided, however, Contractor shall be entitled to an extension of time and adjustment to the Contract Sum for any delays by Owner in making payments.

8.5 Governing Law. The laws of the State of Mississippi (without giving effect to its conflicts of law principles) govern any and all matters arising from or in any way related to this Agreement, including, without limitation, its interpretation, construction, validity, performance (including the details of performance), and enforcement.

8.6 Assignment. Owner may not assign any of its rights under this Agreement, except with the prior written consent of Contractor. Any purported assignment in violation of this section is void.

8.7 Interpretation. This Agreement and all documents and agreements incorporated by reference or identified are intended to be complimentary and interpreted in harmony so as to avoid conflict. In the event of any vagueness, conflict, inconsistency or omission in the integrated documents, this Agreement, including Exhibit A, shall control.

8.8 Entire Agreement. This Agreement constitutes the entire agreement between the parties with respect to the subject matter of this Agreement and supersedes all other agreements, whether written or oral, between the parties.

8.9 Amendments; Binding Effect. No amendment to this Agreement will be effective unless it is in writing and signed by both parties. This Agreement shall be binding upon the parties and their respective heirs, executors, administrators, successors, representatives, agents and assigns.

8.10 Counterparts; Electronic Signatures. This Agreement may be signed in one or more counterparts, which together will form a single agreement. This Agreement may be signed or acknowledged electronically.

Below are two EASY ways to apply for the GreenSky loan.

You will go to the link below to apply:
www.greensky.com/consumer

*Once applied you can view documents by entering application ID and the last four digits of your SS#

Or call our Customer Service at **1(866)936-0602**

Ref #2294

Hours of Operation: Monday through Saturday: 6:00am – 1:00am ET Sunday: 8:00 – 1:00am ET

You will need our Merchant ID: **81085547** Vada Inc dba Foremost Foundations & Construction and the Plan #

Plan **2613** -12 Months, 0% Interest, SAC, 12 Payments

Plan **2726**- 84 Months,7.99% interest, 84 Payments

Plan **2740**- 120 Months, 9.99% interest, 120 Payments

By signing any forms or agreements provided to you by Foremost Foundations & Construction, you understand, agree and acknowledge that your electronic signature is the legally binding equivalent to your handwritten signature. You agree, by providing your electronic signature, that you will not repudiate, deny or challenge the validity of your electronic signature or of any electronic agreement that you electronically sign or their legally binding effect.

Signature: Date: Time:

Photos

Section 1

Polyurethane Foam





CITY OF GLUCKSTADT

MISSISSIPPI
POLICE DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chief Barry Hale

DATE: 12/12/2023

SUBJECT: Law Enforcement Updates, Gluckstadt Police Department

Chief Hale will update the board on general law enforcement matters.

MAYOR

Walter C. Morrison, IV

CITY CLERK

Lindsay Kellum

POLICE CHIEF

Barry Hale

**MUNICIPAL COURT
CLERK**

Stephanie Gerlach

**PLANNING & ZONING
ADMIN./BUILDING
DEPT.**

William Hall

PUBLIC WORKS

Chris Buckner

CITY OF GLUCKSTADT
MISSISSIPPI



**343 DISTRIBUTION DRIVE
GLUCKSTADT, MS 39110**

ALDERMEN

Miya Bates

Jayce Powell

Wesley Slay

John Taylor

Lisa Williams

MEMORANDUM

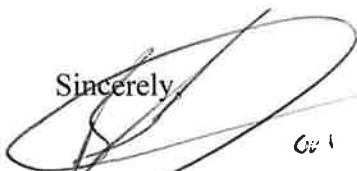
TO: Mayor & Board of Alderman

FROM: Barry Hale, Chief of Police

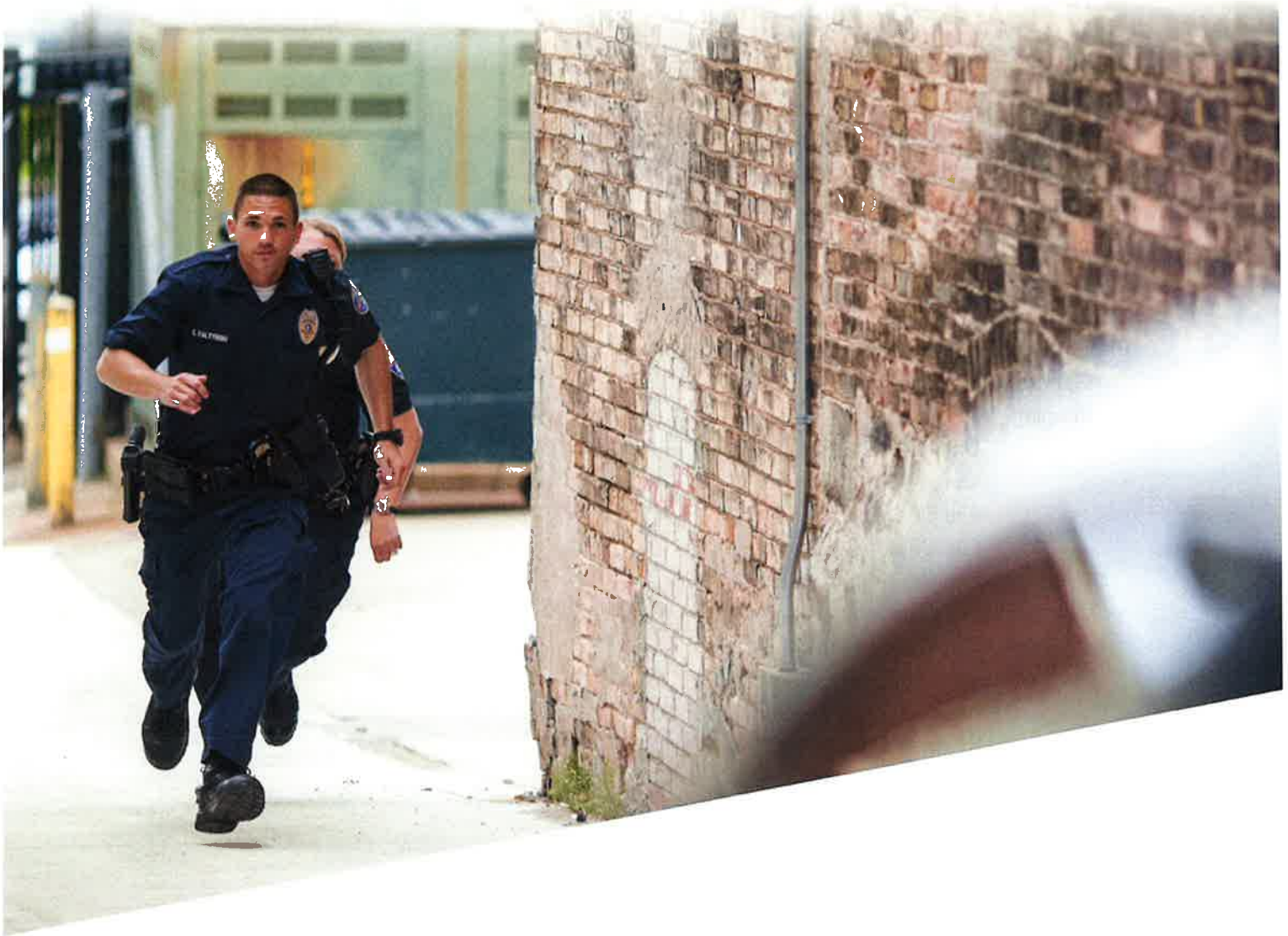
DATE: Thursday, December 07, 2023

SUBJECT: Requesting the Mayor and Board of Alderman approve the Motorola Solutions contract for E911 CAD dispatch.

I am requesting the Mayor and Board of Alderman approve the Motorola Solutions contract for the E911 CAD dispatch.

Sincerely,

Chief Barry Hale





Gluckstadt PD

Flex Suite

Aaron Bravo

312-825-3991

aaron.bravo@motorolasolutions.com

The design, technical, and price information furnished with this proposal is proprietary information of Motorola Solutions, Inc. (Motorola). Such information is submitted with the restriction that it is to be used only for the evaluation of the proposal, and is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the proposal, without the express written permission of Motorola Solutions, Inc.

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Motorola Solutions, Inc.
500 W Monroe Street, Ste 4400
Chicago, IL 60661-3781
USA

November 29th, 2023

Gluckstadt PD
343 Distribution Dr,
Madison, MS 39110

RE: Flex Suite

Dear Kerry Minninger,

Motorola Solutions, Inc. (Motorola) appreciates the opportunity to provide Gluckstadt PD quality systems and software solutions. Motorola’s project team has taken great care to propose a solution to address your needs and provide exceptional value.

The Flex suite consists of Computer-Aided Dispatch (CAD), Records Management System (RMS), Mobile, and Jail software that references a centralized database, providing quick access to all data from anywhere in the system. Flex’s single-source database will allow you to enter, store, and extract data in real time, preventing duplicate data entry and saving time. You will also be able to search multiple record sources at once and share data with all departments in real time, reducing response time and increasing situational awareness in the field. In addition, the Flex system is fully integrated for a seamless workflow across all modules included in your solution, as described further in our proposal.

Motorola’s proposal is conditional upon Gluckstadt PD’s acceptance of the terms and conditions included in this proposal, or a negotiated version thereof. Pricing will remain valid for 90 days from the date of this proposal.

Any questions Gluckstadt PD has regarding this proposal can be directed to Aaron Bravo, at 312-825-3991, (aaron.bravo@motorolasolutions.com)..

Our goal is to provide Gluckstadt PD with the best products and services available in the public safety industry. We thank you for the opportunity to present our proposed solution, and we hope to strengthen our relationship by implementing this project.

Sincerely,

Aaron Bravo

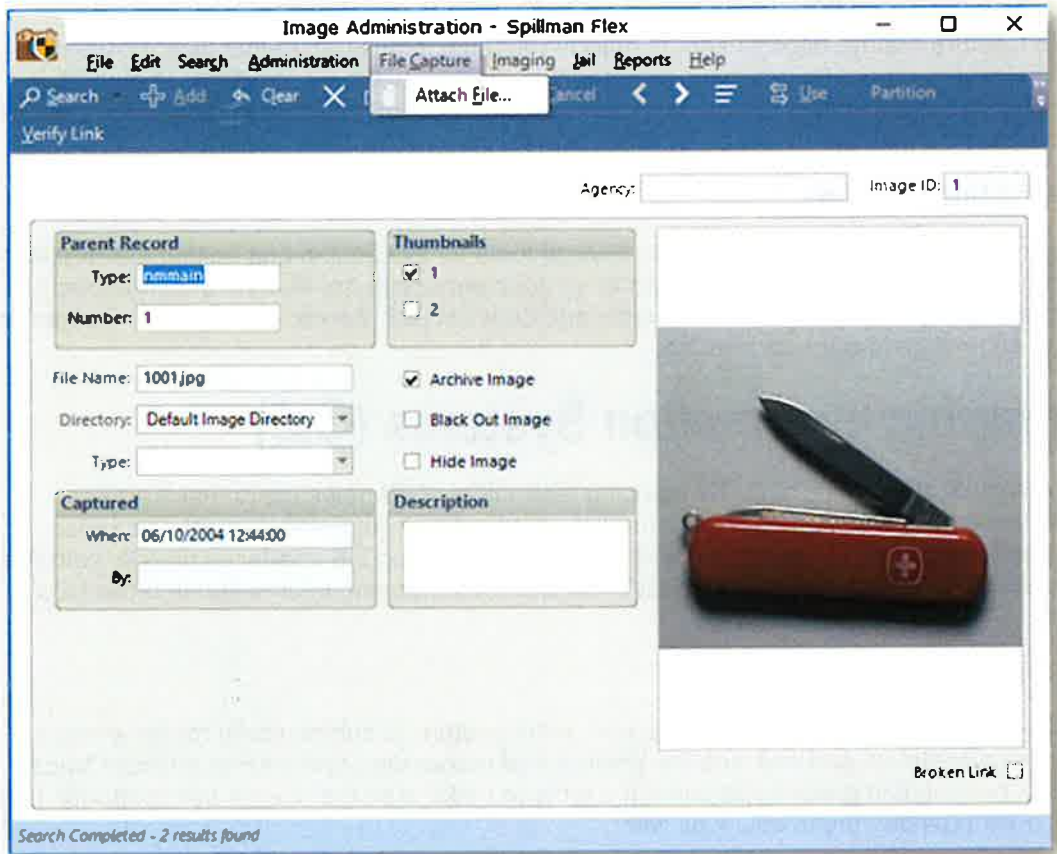
MOTOROLA SOLUTIONS, INC.



integration, the system features several central tables that cross-reference information system-wide, including names, vehicles, wanted persons, and property.

Imaging

The Flex Imaging module allows agencies to create a library of full-color digital images that are fully searchable from anywhere in the system. Mug shots, accident photos, and other images can be stored in multiple locations throughout the system and viewed by other users. The program is an all-in-one application for importing, organizing, editing, and sharing photos. Because it connects seamlessly with other modules in the Flex software, agencies are able to do more with their information.



Users can attach images, video, documents, and audio files directly to a file.

Unlimited Capture Workstations

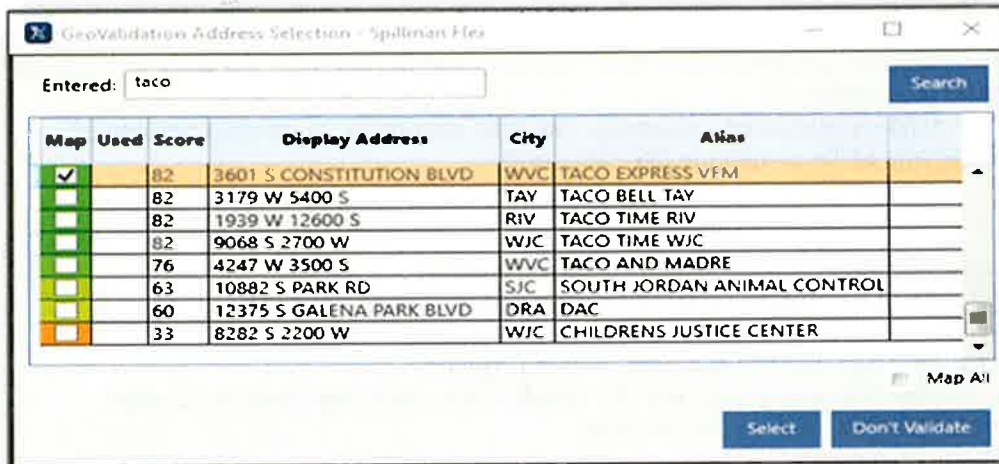
Flex customers can choose to make every user workstation an image capture station at no extra cost. No extra licenses are needed to operate our Imaging module, and users benefit from the convenience of unlimited capture workstations, while agencies take advantage of the long-term savings.

The system also accommodates landmarks, mile markers, highway exits, street intersections, and overpasses based on how the agency builds the database.

Accurate Address Verification

Flex’s GIS solution optimizes agency responses, eliminates confusion, improves accuracy, and gives users the ability to quickly identify correct addresses when the system cannot find an exact match. The system’s address verification does this by displaying:

- Accurate and verified geographic information
- Specific addresses and intersections, including x- and y-coordinates
- Color-coded address candidates
- Flex’s Address Selection screen



Address options are scored for relevance and color coded for easy

Reverse Geocoding

Flex GIS simplifies operations by translating geographic coordinates into estimated addresses plotted on a map. By reverse geocoding data, users can quickly select the appropriate location for any situation. When users enter coordinate data, the software displays a list of all matching addresses.

Safe Incident Response

Our GIS solution improves officer safety by notifying users of warrants, alerts, and past criminal incidents associated with an address. Visual alerts allow users to make informed decisions and prepare for any possible scenario. For example, address alerts appear in red, and indicate details about any previous incidents. If an address has multiple alerts, a plus sign (+) appears at the end of the alert.

Active Directory

The system’s master tables share information among all modules in real-time. Because our Integrated Hub automatically transfers data between all Flex applications, our customer agencies have immediate access to all data from the moment it is entered. To facilitate this



Stable Reporting

The Flex Data Replication module eliminates the need for agencies to query against a live Flex database, allowing personnel to access the reports they need, when they need them, without having to consider how it may impact the system. This module creates a stable platform upon which reporting applications, such as SAP’s Crystal Reports Server, can be added to create custom reports.

Flexible Reporting Options

Being locked into one specific reporting tool can limit an agency’s use of its Flex system. By using the Data Replication module, agencies can employ any industry-compliant technology they choose for accessing information. Personnel can then conveniently use a consistent set of commands for both their live and back-up database. Once an agency exports its live data, personnel can expedite their reporting capabilities using any tool available to easily move data from live to back-up databases – without being locked into any single application.

Familiar Database Use

The Data Replication module allows agencies to make the most of their existing IT expertise in other database services. Users can choose to export data to a separate database running either Microsoft SQL or MySQL.

Benefits for Flex Customers

The Data Replication Tool provides the following benefits to Flex customers:

- Isolates the reporting/ODBC queries from the production system, yielding an increase of stability and performance on the production system.
- Provides improved functionality over the FairCom ODBC and JDBC drivers.
- Allows customers to leverage their existing expertise in other database technologies.

Important Note

It is important to note that this module is designed to provide data for a reporting server. It is not intended to be used as a disaster recovery, hot backup, or high-availability solution, and it cannot replicate data to another c-tree database. Additionally, it is each agency’s responsibility to manage or maintain the server, server operating system (OS), or the chosen database management system (DBMS).

In addition, our partner, Solutions II, offers a wide range of services including implementation and managed services. We will be happy to provide more information upon request.

StateLink

Agency personnel can use a single query into state, national, and other external databases to access information about wanted persons, stolen vehicles, missing persons, criminal histories, vehicle registrations, driver license information, and other critical data. Queries are sent securely and can be accessed from the StateLink request screen, from the ComputerAided Dispatch (CAD) module, or from a record within another Spillman Flex module. State-specific transaction forms are available to meet agencies’ custom needs, and administrators can set security privileges to regulate access. Flex’s StateLink is integrated with CAD and Mobile for convenience. Personnel can easily search for queries directly from the CAD screen, they have access to valuable information without requiring an additional terminal. When integrated with the



Flex Computer-Aided Dispatch

Flex CAD (Standard)

Flex CAD enables dispatch personnel to access mission-critical information, and effectively manage calls for individual and multi-jurisdictional agencies. The following highlights a few of the system’s advanced features that help to ensure the immediate dispatch of the most appropriate units, including:

- Real-time call updates.
- Unit responses.
- Automatic alerts for wanted persons and dangerous locations.
- Customizable special instructions in question/answer format.

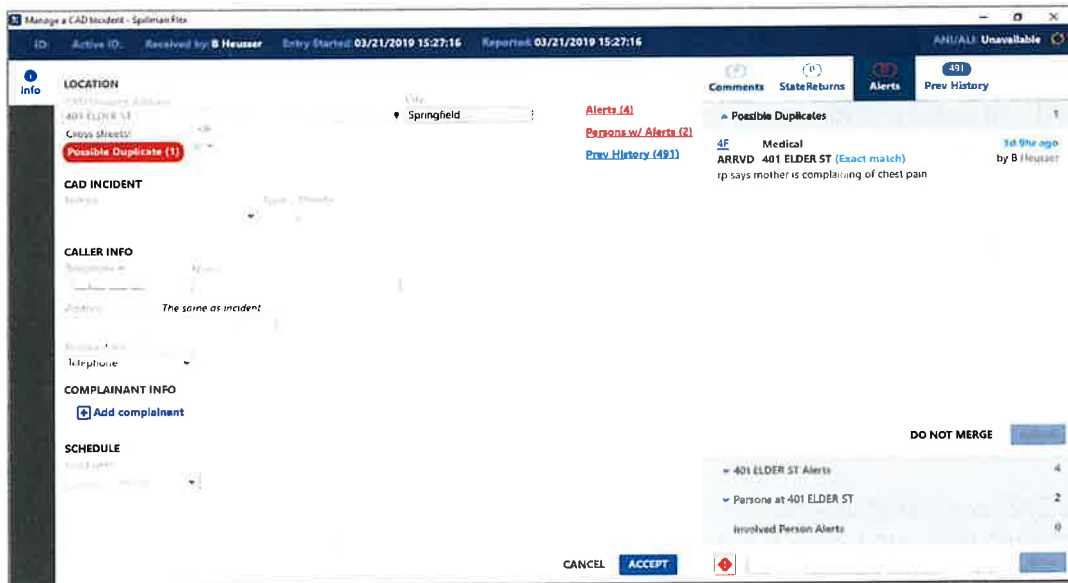


Figure: The CAD Incident Screen gives dispatchers mission-critical information and alerts.

All system modules are fully integrated, enabling dispatchers to easily access data from any table, virtually eliminating duplication and redundancy. This integration allows users to generate incident reports with the most current system data, improving dispatch accuracy, maximizing time, and increasing officer safety. For example, users can instantly query name, vehicle, property, and law incident records directly from Flex’s Records Management System without leaving the CAD status screen.



Radio Integration

With Flex CAD, agencies can leverage their use of radios for enhanced situational awareness. Specifically, the software provides the following capabilities to streamlined communications and maximize user safety:

- Assign portable radios to first responders, and vehicle-mounted radios to units.
- Enable dispatchers to change a radio's alias directly from CAD.
- Display radio alias and fleet vehicle information for each unit within CAD.
- Monitor radios from CAD with push-to-talk indicators that identify speakers in real time.
- View radio talk groups directly within CAD.

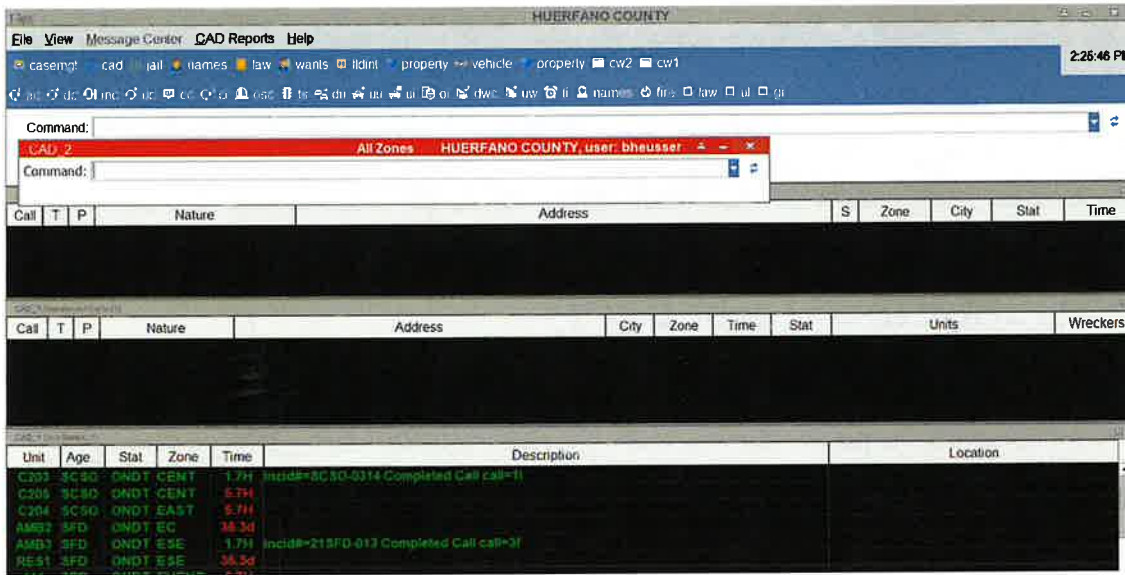
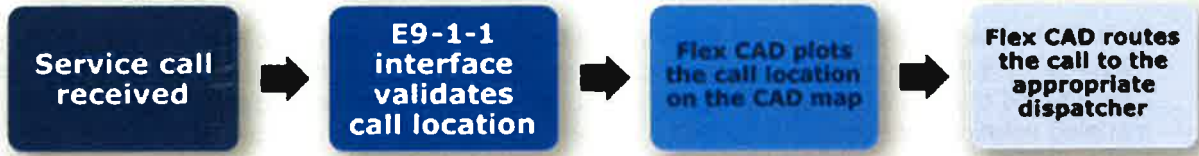


Figure: Users can open multiple CAD sessions simultaneously to streamline operations.

Customizable Screen Options

Flex allows dispatchers to customize system settings to their full advantage, allowing them to streamline their task execution through individual customization. For example, agencies can choose to display only calls from specific geographic areas, or lock the settings system-wide for uniformity. Some of the features that users can customize include:

- Display windows.
- Column settings.
- Toolbar buttons.
- Right-click commands.
- Color display options.

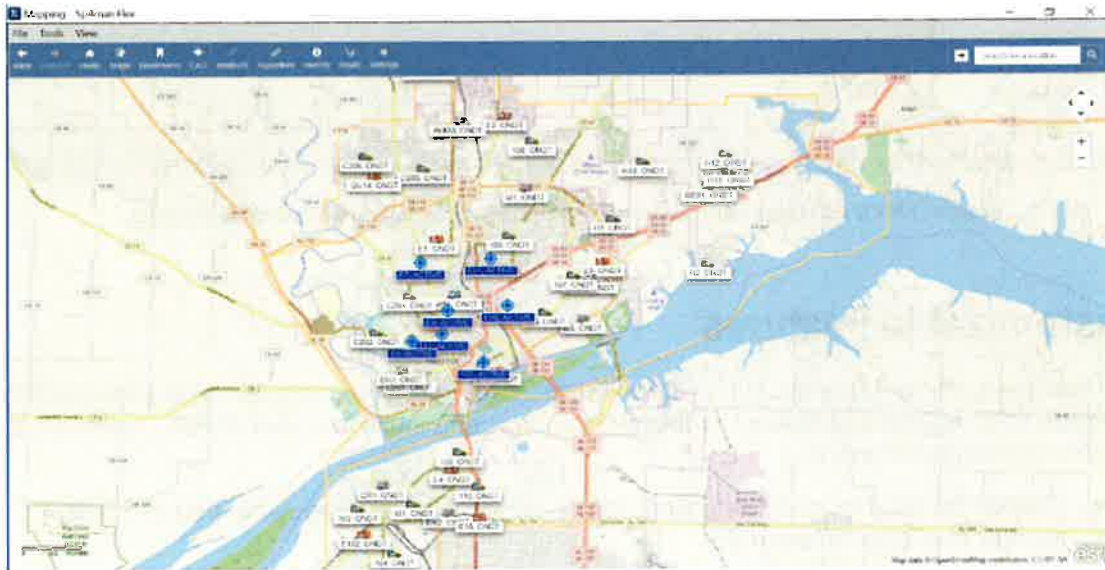


Call Data Preservation

Our E9-1-1 interface allows agencies to store valuable call information in the call record. When the agency receives a call from a wireless device, the initial Automatic Location Information (ALI) generally contains Phase I information. This information automatically populates the Address field of the Flex CAD Add Call screen. When an ALI rebid is performed to receive any additional Phase II latitude and longitude data, the updated location information also populates the Add Call screen. Agencies can configure to automatically transfer the original ALI information to the Comments field of the call record. Thus, the agency can perform continual ALI rebids to update location information while retaining a history of all ALI information received, providing continual situational awareness while maintaining location records for administrative purposes.

CAD Mapping (Standard)

The Flex CAD Mapping module provides users with powerful access to location and call information. Dispatchers can quickly view jurisdictional data, including street names, major buildings, landmarks, police districts, and fire/EMS zones. The system automatically plots call locations, and allows dispatchers to view detailed data. This instant access to refined data gives dispatchers the ability to rapidly dispatch the most appropriate units to each call, saving valuable time and enhancing responder safety in critical situations.



- Change map element colors to reflect roads, city boundaries, and more.

Mapping Toolbar

Flex's CAD Mapping toolbar streamlines the dispatching process with intuitive navigation tools. The system provides reminders of each button's function by displaying tool tips that enhance usability. Users also have the option to control the map directly from the CAD command line. Additionally, users can quickly navigate the maps with the following functionality:

- Zoom in.
- Zoom out.
- Pan.
- View the entire map.
- Change layer properties as needed.

Call and Unit Information

Our CAD Mapping solution gives users direct access to call and unit information, ensuring improved response times and appropriate officer actions. The system automatically suggests intersections and addresses that require geo-validation as the user is typing. Timely access to data increases officer safety, improves response results, and helps defuse potentially dangerous situations. Users achieve this timely access by right-clicking on a unit or call symbol and selecting the specific information they want to view. For example, users can choose to view information regarding:

- Call number or nature.
- Address.
- Complainant.
- Assigned officer.

System Integration

CAD Mapping fully integrates with the CAD and AVL modules, and our GIS system. With Flex's GIS, CAD calls automatically appear on the agency's jurisdictional map. Flex's AVL Mapping module, when used in conjunction with Global Positioning System (GPS), displays real-time location information for all units on the CAD map. With the system's radio integration, dispatchers can, upon demand, also view radio locations on the map, as well as when a radio emergency button is activated for real-time situational awareness and response. Any necessary radio programming to support portable location on the map is the responsibility of the agency.

Rapid Notification (Standard)

Flex's fully integrated Rapid Notification module allows users to send automatic report-of-call details to responding units. This module gathers information from the CAD screen and sends it to a printer at the responding agency. Individual units can also be notified of an event by email, text message, and/or phone call. Information gathered from the screen includes details such as:

- Address.
- Nature of call.
- Contact name and priority.



Flex Mobile Data Computing

Mobile Voiceless CAD

The Flex Mobile Voiceless CAD module allows field personnel to access accurate, real-time call information from their laptop computers, preserving radio channels for other critical communication during urgent situations. The module also enables personnel to quickly:

- Update their status.
- Add and view call comments.
- Access radio logs and incident information without burdening dispatchers.

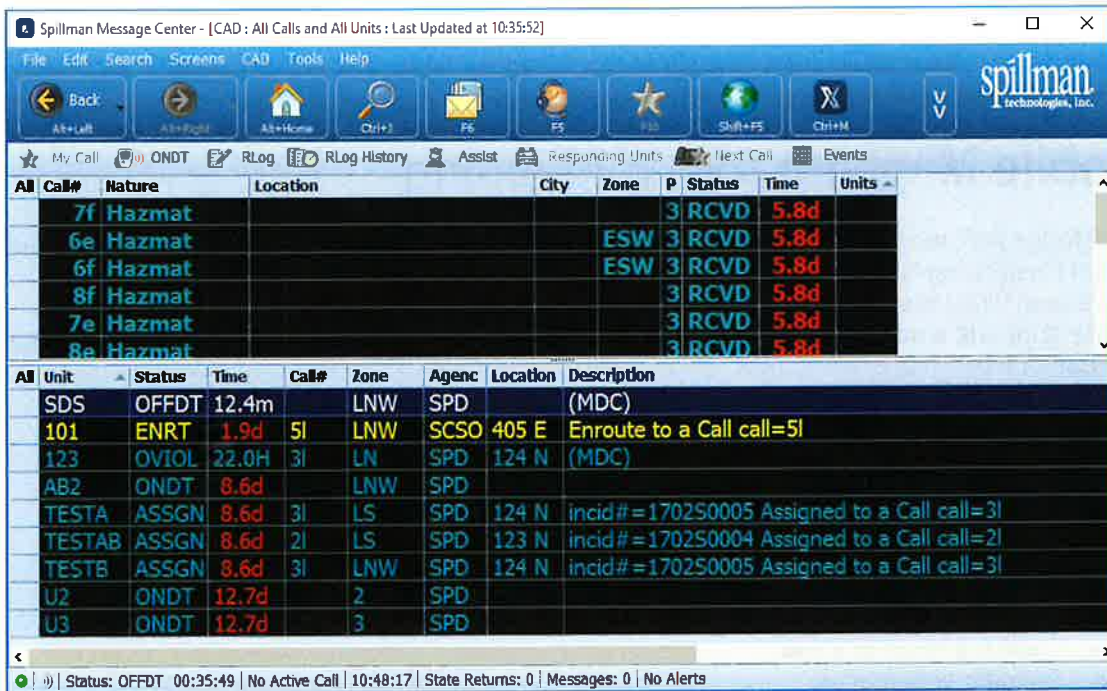


Figure: Voiceless dispatch facilitates safe and efficient response.

Motorola Solutions Flex Software

- Responding units.
- Weather.
- Premises and HazMat information.

Mapping Tools

This powerful functionality allows users to view call and officer locations, and receive turn-by-turn driving directions to improve response times. Users have the ability to easily:

- Search by X and Y coordinates.
- Calculate the distance between calls with a measuring tool.
- Hyperlink a website or photo to a call.
- View predefined map layers that include:
 - a. Law and fire zones.
 - b. Water sources.
 - c. Ortho images.

Unit Location Display

Dispatchers and field officers can view the location of agency units and CAD calls on a jurisdictional map. This enables dispatchers to quickly assign units to calls based on proximity, and field officers can view the map to determine the shortest route to calls. Dispatchers can do this on the map by dragging a unit to a call, or vice versa.

Unit Status Information

The Unit Status screen complements overall situational awareness by displaying the status of dispatched units. For each unit, the software displays:

- Status.
- Active call.
- Assigned zone and agency.
- Current location or most recent radio log entry.

Motorola Solutions Flex Software

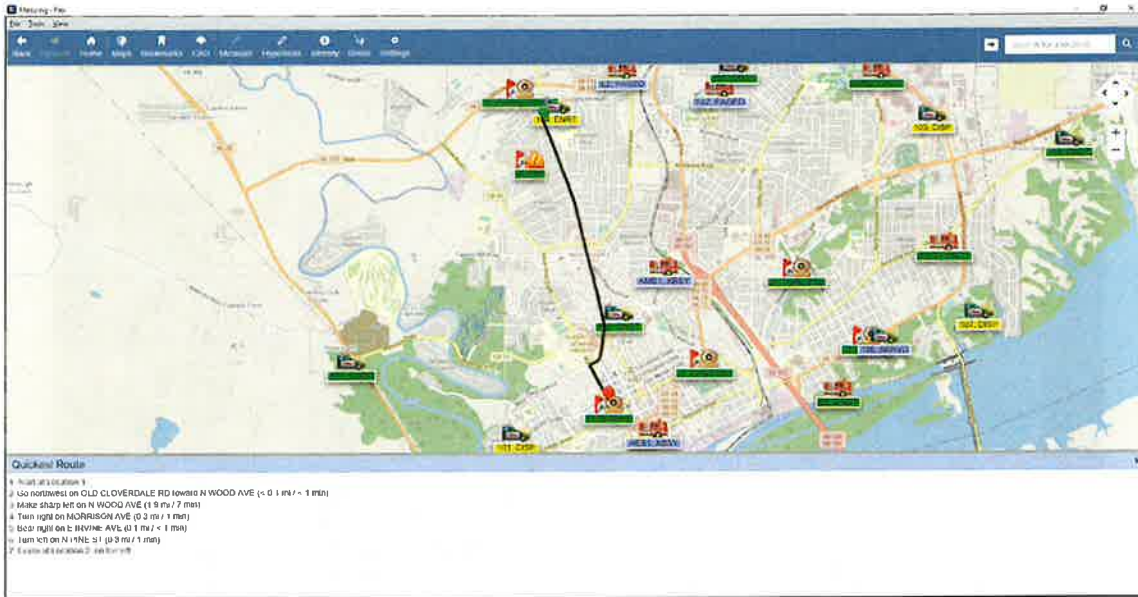


Figure: Flex’s AVL Mapping technology supports efficient and accurate unit response.

Indirect AVL

Indirect AVL enables users to view the unit’s movements on the CAD map. It uses a wireless modem to receive real-time location information from a GPS transmitter connected to a mobile laptop computer. The GPS data, with other information from the laptop, is then transmitted to the agency’s dispatch center.

Quickest Route

Dispatchers can use Flex’s Quickest Route feature to determine the active unit with the fastest route to an incident, greatly reducing response time. Based on a unit’s current location, the Quickest Route module calculates the total drive time to reach a call, and allows users to view the ideal route and driving directions. This feature takes into account the agency’s local street network, while recognizing barriers such as rivers, canyons, and limited-access highways, enabling dispatchers to minimize time-consuming obstacles for responding units. In addition to proximity calculations, it computes actual drive time to determine which unit can respond first.

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mobile digital device screens to conserve bandwidth for faster downloads. 312-825-3991s are automatically formatted as links so that users can direct-dial them from a device, and users can also send emails with links to a record.

Field Searching

The application helps provide redundancy in data access, enhance officer safety, and provide users with access to a wide range of information in the field. Flex Touch supports wildcard searching; if a search yields no results, secondary search rules are used to match a possible record. For example, if a name search yields no results, the software searches for a matching social security or driver license number. The application displays records with warrants or alerts in red, enabling the responding officer to be prepared for any possible situation. Additionally, users can search the agency database for names, property, vehicles, and incidents.

Data Partitioning

The partitioning feature protects sensitive data by allowing users in the field to only see records that they are authorized to view. The application obeys the partitioning rules already in place in the Flex system.

Integration with Google Maps

A Google map automatically opens when an address is selected in the Flex Touch application. Users can see the current address, destination, traffic information, and turn-by-turn directions.

Quickest Route

Summary

The Flex Quickest Route module allows an agency to route units based on shortest drive time. This enables dispatch to recommend the closest unit and allows individual units to map the quickest route to a destination. Dispatchers and mobile users also have the ability to query for directions using the Quickest Route module.

Feature List

- Find the quickest route between two locations in the CAD and Mobile maps.
- Automatically display the quickest route for a responder in the mobile map when assigned to an incident.
- Automatically recalculate a route for a responder that deviates from the current route.
- Create and manage barriers using the CAD map.
- Incorporate quickest drive time into unit recommendations in CAD.

Requirements

General

- Expertise working with ArcGIS and Network Analyst extension.



Flex Mobile Data Computing

Mobile Records

The Flex Mobile Records module empowers personnel with universal data access. Convenient field narratives and image display options provide the necessary tools to effectively manage records from the field. Mobile personnel can also search for records in multiple places without leaving the vehicle or requesting dispatch assistance. Searchable databases include:

- Local databases.
- Flex and non-Flex databases (requires the InSight Interface).
- State databases (requires the Mobile StateLink Interface).
- National databases (requires the Mobile StateLink Interface).

The following highlights several key advantages:

Local RMS Queries

Mobile Records combines speed with flexibility. Users have the ability to search for names, vehicles, incidents, property, and wanted persons. These queries provide comprehensive search results from local, state, and national databases, with the ability to encrypt state and national query responses for use with third-party citation and crash programs.

Additionally, a drop-down menu provides officers with more detailed fields to perform enhanced searching. Once the user has submitted his or her search criteria, a list of matching records appears in the returns folder of the Mobile Message Center.



Figure: Users can view additional Involvements information by expanding the record using the plus (+) sign.

Mobile Field Report with Field Interview

Summary

Conduct field interviews and record data from your vehicle. Large fields and drop-down menus are easy to navigate using either a touch-screen monitor or a keyboard and mouse. Forms can be customized with your agency's name, graphics, and a report title. Save time and prevent mistakes using drop-down lists of prefilled data wherever possible. Forms attach to Flex records for viewing, editing, and printing, and they system automatically searches for matching records before storing the information and routing electronically for approval. Add an unlimited number of people, vehicles, property, associated details, and narratives, and add your own custom fields.

Feature List

- Customizable Look and Feel.
- Integrated Incident Record Submission.
- On-scene Reporting and Validation.
- Simple Narrative Writing Features.



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Automated Data Entry

Automated data entry enables patrol officers to quickly fill out multiple form fields using search results obtained from a name or vehicle query. Users can pre-fill forms with information from the Flex database by querying the Flex Mobile StateLink product, or by scanning a driver license barcode or magnetic strip.

Integration

Forms are automatically attached to the Flex record where they can be viewed, edited, or printed. The system also conducts an automatic search for matching name and vehicle records. New records are created if needed, and Involvements® are generated between associated records.

Customizable Fields

The Flex Automated Field Reporting modules enable patrol officers to add an unlimited number of people, vehicles, property, and their associated details. Narrative fields have no set length, allowing officers to add as much or as little text as needed.

Field Narratives

Officers can enter narratives, including probable cause statements, into the system directly from the vehicle, saving time and improving records details. They can add, view, and append supplemental narratives or narrative information directly from the Law Incident screen. The text editor displays the appropriate prompts for the selected template as users type the narrative information. Spell check and time stamping are also included.

Data Integrity

Flex helps prevent mistakes caused by incorrectly typed entries with drop-down lists. The system also ensures that important data is collected by requiring users to enter data in specified fields before saving the form.

Mobile State and National Queries

Use a state connection to search state and national databases for name, vehicle, property, guns, and wanted person records as well as available images. Users can perform state and federal searches simultaneously with one query while using the local RMS query feature to search local database information. Returns are delivered audibly as well as with visual highlights, including any alerts on records containing warnings.

Feature List

- State and National Database Queries.
- Transaction Recall.
- CAD Integration.
- Mobile Integration.



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Flex Records Management System

Records Management System (RMS) (Standard)

Flex's Law Records Management System consolidates all law incident records into one database, providing easy-to-generate incident and case management reports. Each record has information associated with the name, incident number, property, item, and vehicle involved. Agencies can track complaints, victims, offenders, suspects, witnesses, evidence, vandalism, arson, vehicles, or stolen and recovered property for criminal and non-criminal incidents.

Accurate Reports

Users can easily clarify department initiatives and document progress by developing preformatted reports or configuring ad hoc reports for:

- Crime analysis.
- Presentation.
- Archiving.

Agencies can also compile detailed summaries and activity information for submitting UCR reports as necessary.

Detailed Case Management

Agencies have the ability to track cases from beginning to end by following detailed status information. Flex's case management feature uses Involvements® to link information on all persons, property, and vehicles associated with a case.

Dispatch Integration

Flex's integrated solutions ensure rapid and consistent data entry. The RMS module is linked directly with Flex CAD, which allows the software to automatically transfer appropriate information from calls to related incidents.

Advanced Security and Intelligence

Administrators can protect data integrity with flexible security features that allow users to secure privileged information. The Flex system allows agencies to store an unlimited amount of data regarding the following characteristics of individuals or groups:

- Hangouts.
- Associates.



Incident-Based Reporting (IBR) (Standard)

The Flex system enables the agency to easily compile detailed crime summary and activity information such as offenses, arrests, and law incidents for submitting IBR reports that meet state and federal standards. The software automatically retrieves information from the system upon data entry, eliminating manual efforts to create these reports. This retrieval enables the system to produce audit reports that verify the accuracy of reported data. Additionally, Flex holds state reporting certification and offers an integrated National Crime Information Center (NCIC) interface that aids in required report submissions.

Evidence Management (Standard)

Flex's Evidence Management module simplifies evidence tracking, allowing each agency to maintain a complete and accurate chain of custody for every piece of evidence. The Evidence Management module records changes in the location, status, and custodian of evidence, providing a detailed history from reception to release, or disposal of the item.

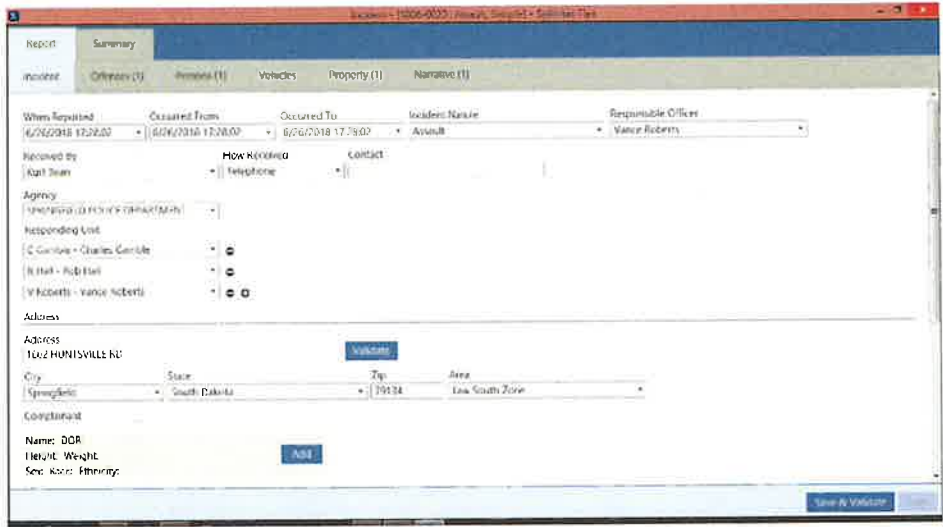


Figure: Compile detailed data that meets state and federal standards.

Complete Evidence History

Users can automatically track modifications to evidence records from processing, through lab analysis and court appearances, to the release or disposal of the item.

Evidence Reporting

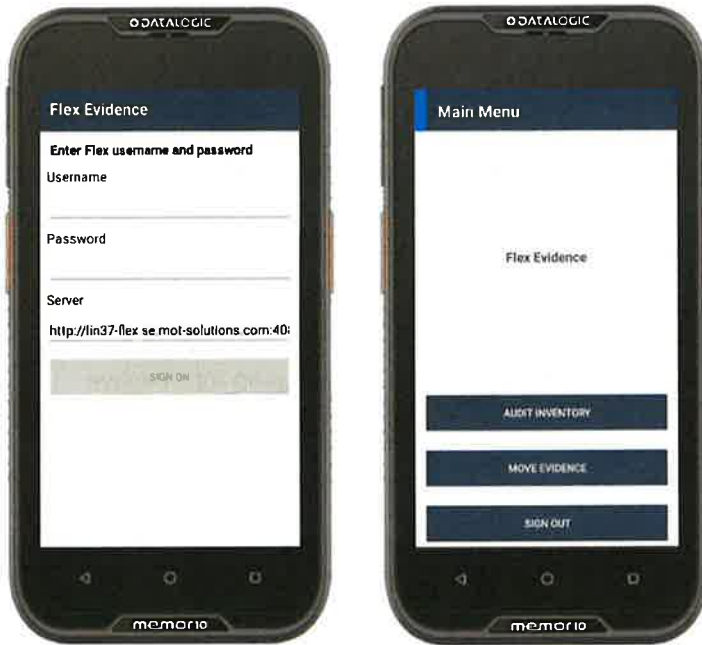
The system enables users to maintain optimal awareness and accountability of evidence and its status. Users can generate reports that show evidence custody, create barcodes for any code table, and show the location of evidence. Some of the reporting tools include:

- The Case Closed Evidence List Report.



Evidence Barcode and Audit Interface (Standard)

The Evidence Barcode and Audit Interface module provides agencies with barcoding capabilities for evidence management. It also includes a portable handheld barcode reader to inventory and audit evidence rooms for tracking location and movement.



Automatic Data Transfer

Flex's Automatic Data Transfer saves time and ensures accuracy for agencies as information is tracked throughout the evidence life cycle. Users have the ability to attach barcode labels to evidence items, and use a scanner to automatically transfer the data into an evidence record. Additionally, the status of multiple evidence items can be changed simultaneously by using the "Scan" option of the interface.

Barcode Printing

Our solution facilitates efficient entry, adding, modifying, and searching for records within the screen. Using the Evidence Management screen, users can manage:

- Property item.
- Storage location.
- Identification number.
- Activities associated with the item.
- Comments.

Efficient Analysis

The Pin Mapping module enhances investigative needs by allowing agencies to access any piece of data, record, or a combination of fields from any point on the map.

Offender Tracking (Standard)

Flex's Offender Tracking module enables agencies to track critical information on various types of offenders. This enhances personnel and community safety by providing situational awareness of offenders within the agency's jurisdiction.

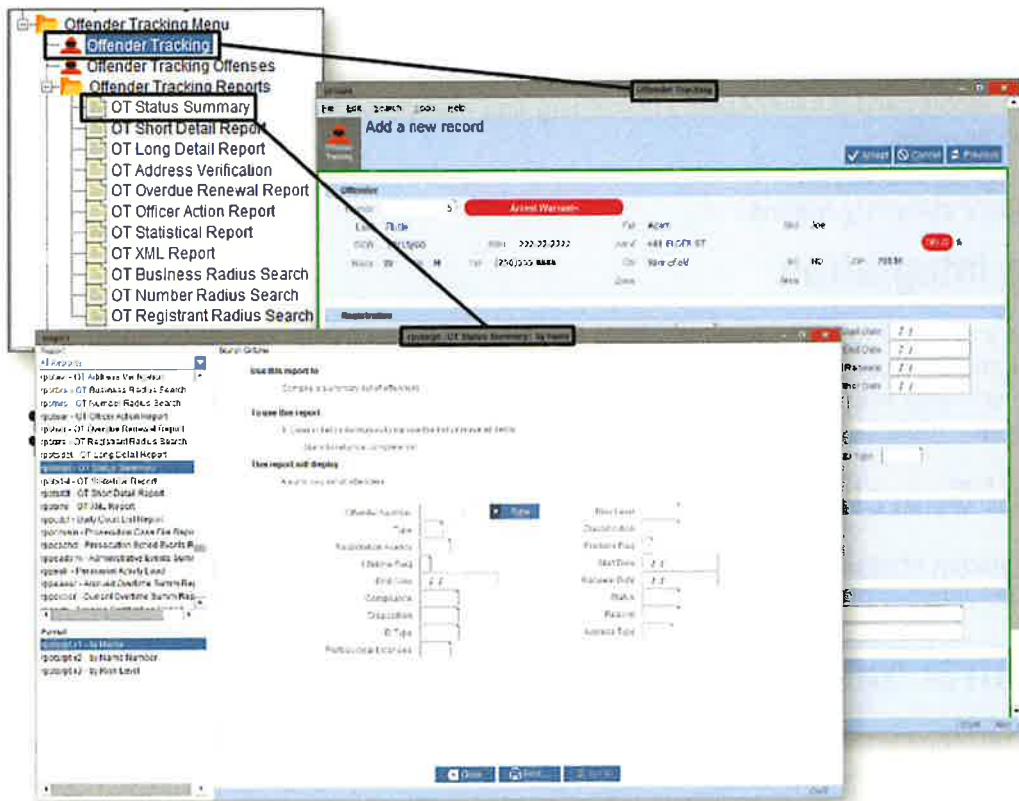


Figure: Users can track an extensive list of critical information on each offender.

Traffic Information (Standard)

Our Traffic Information module delivers consistent, accurate data for shaping sound traffic safety policies and procedures. The software monitors activity on your roadways and generates quantifiable reports for traffic management. The following are key features of this powerful tool:



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Motorola Solutions Flex Software

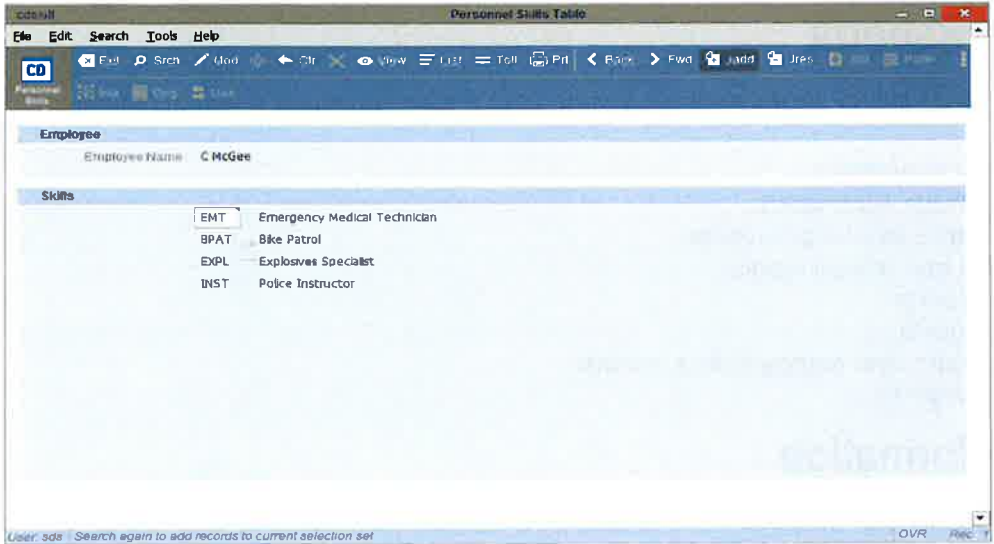


Figure: Enhance call assignments with special skills references.

Detailed Employee Information

A detailed record for each employee provides users with the ability to efficiently track and update general information, such as the employee’s name, address, division, status, and Social Security Number.

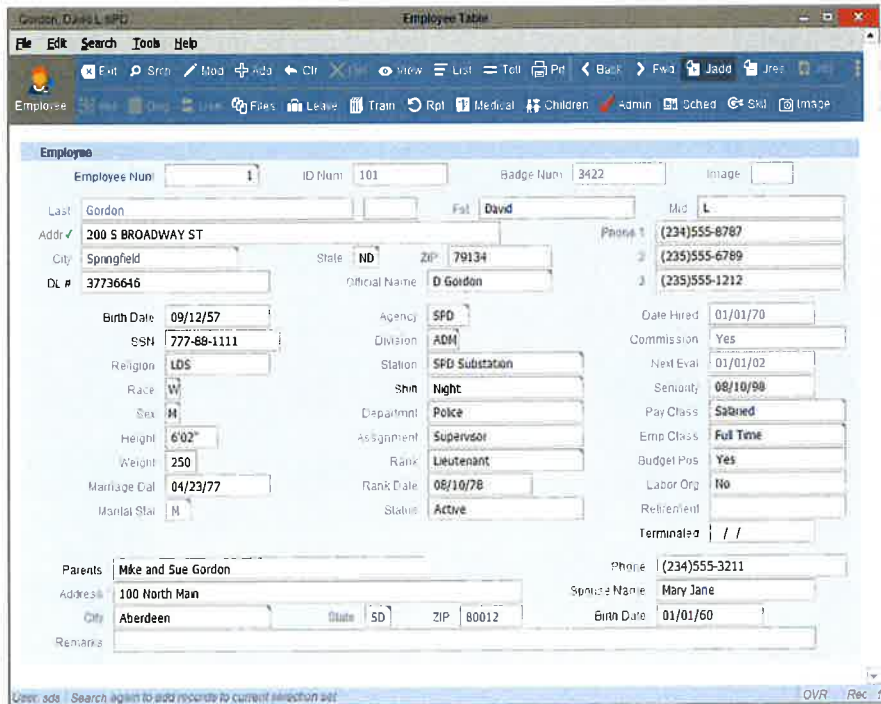


Figure: Personnel can track and update detailed employee information.



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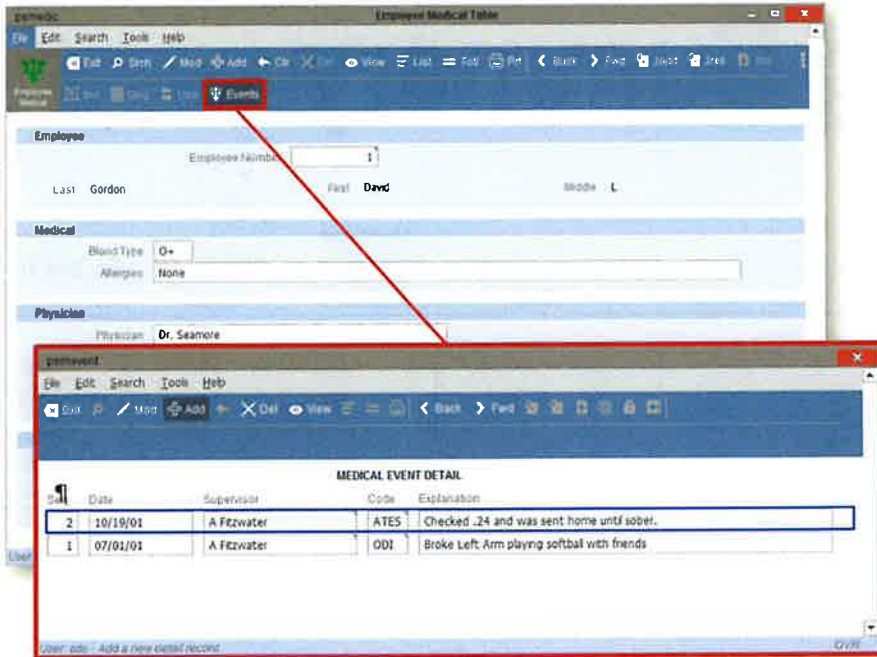


Figure: Track an employee’s medical history before and during employment with the Medical Table “Events.”

Attendance and Workload Management

Employees can easily enter work activity information into the Employee Workload screen. For each activity performed, employees can enter work dates, start and end times, activity and location codes, a reference number, and comments.

Customer Contact

INVOICING AND SHIPPING ADDRESSES. Invoices will be sent to the Customer at the following address:

Name: _____
Address: _____
Phone: _____
Email: _____

The address which is the ultimate destination where the Equipment will be delivered to Customer is:

Name: _____
Address: _____

The Equipment will be shipped to the Customer at the following address (insert if this information is known):

Name: _____
Address: _____
Phone: _____

Contractual Documentation

Online Terms Acknowledgement

This Online Terms Acknowledgement (this "Acknowledgement") is entered into between Motorola Solutions, Inc. ("Motorola") and the entity set forth in the signature block below ("Customer").

1. Online Terms Acknowledgement. The Parties acknowledge and agree that the applicable terms available at <https://www.motorolasolutions.com/product-terms> and listed below are incorporated in and form part of the Parties' agreement as it relates to any Products or Services sold or provided to Customer. By signing the signature block below, Customer certifies that it has read and agrees to the provisions set forth and linked on-line in this Acknowledgement. To the extent Customer is unable to access the above referenced online terms for any reason, Customer may request a paper copy from Motorola. The signatory to this Acknowledgement represents and warrants that he or she has the requisite authority to bind Customer to this Acknowledgement and referenced online terms.

Motorola Solutions Customer Agreement

[Shown Below](#)

Software Products Addendum

[Software Products Addendum - Motorola Solutions](#)

Maintenance, Support Addendum (break fix maintenance of on premise)

[Maintenance, Support Addendum](#)

Maintenance, Support and Lifecycle Management Addendum (combined maintenance and SUA/Lifecycle)

[Maintenance, Support and Lifecycle Management Addendum](#)

Equipment Purchase and Software License Addendum

[Equipment Purchase and Software License Addendum - Motorola Solutions](#)

Subscription Software Addendum

[Subscription Software Addendum - Motorola Solutions](#)

1. Entire Agreement. This Acknowledgement supplements any and all applicable and existing agreements, and supersedes any contrary terms as it relates to the Customer's purchase of products and services. This Acknowledgement and referenced terms constitutes the entire agreement of the Parties regarding the subject matter hereof and as set out in the referenced terms, and supersedes all previous agreements, proposals, and understandings, whether written or oral, relating to this subject matter.

2. Execution and Amendments. This Acknowledgement may be executed in multiple counterparts, and will have the same legal force and effect as if the Parties had executed it as a



Master Customer Agreement

This Master Customer Agreement (the “MCA”) is entered into between Motorola Solutions, Inc., with offices at 500 W. Monroe Street, Suite 4400, Chicago, IL 60661 (“Motorola”) and the entity set forth in the signature block below (“Customer”). Motorola and Customer will each be referred to herein as a “Party” and collectively as the “Parties”. This Agreement (as defined below) is effective as of the date of the last signature (the “Effective Date”).

1. Agreement.

1.1. Scope; Agreement Documents. This MCA governs Customer’s purchase of Products (as defined below) and Services (as defined below) from Motorola. Additional terms and conditions applicable to specific Products and Services are set forth in one or more addenda attached to this MCA (each an “Addendum”, and collectively the “Addenda”). In addition, the Parties may agree upon solution descriptions, equipment lists, statements of work, schedules, technical specifications, and other ordering documents setting forth the Products and Services to be purchased by Customer and provided by Motorola and additional rights and obligations of the Parties (the “Ordering Documents”). To the extent required by applicable procurement law, a proposal submitted by Motorola in response to a competitive procurement process will be included within the meaning of the term Ordering Documents. This MCA, the Addenda, and any Ordering Documents collectively form the Parties’ “Agreement”.

1.2. Order of Precedence. Each Addendum will control with respect to conflicting terms in the MCA, but only as applicable to the Products and Services described in such Addendum. Each Ordering Document will control with respect to conflicting terms in the MCA or any Addenda, but only as applicable to the Products and Services described on such Ordering Document.

2. Products and Services.

2.1. Products. Motorola will (a) sell hardware provided by Motorola (“Equipment”), (b) license software which is either preinstalled on Equipment or installed on Customer-Provided Equipment (as defined below) and licensed to Customer by Motorola for a perpetual or other defined license term (“Licensed Software”), and (c) license cloud-based software as a service products and other software which is either preinstalled on Equipment or installed on Customer-Provided Equipment, but licensed to Customer by Motorola on a subscription basis (“Subscription Software”) to Customer, to the extent each is set forth in an Ordering Document, for Customer’s own use in accordance with this Agreement. The Equipment, Licensed Software, and Subscription Software shall collectively be referred to herein as “Products”, or individually as a “Product”. At any time during the Term (as defined below), Motorola may substitute any Products at no cost to Customer, if the substitute is substantially similar to the Products set forth in the applicable Ordering Documents.

2.2. Services.

2.2.1. Motorola will provide services related to purchased Products (“Services”), to the extent set forth in an Ordering Document.

2.2.2. Integration Services; Maintenance and Support Services. If specified in an Ordering Document, Motorola will provide, for the term of such Ordering Document, (a) design,



tools and equipment will remain the sole property of Motorola unless they are to be purchased by Customer as Products and are explicitly listed on an Ordering Document. The tools and equipment may be held by Customer for Motorola's use without charge and may be removed from Customer's premises by Motorola at any time without restriction. Customer will safeguard all tools and equipment while in Customer's custody or control, and be liable for any loss or damage. Upon the expiration or earlier termination of this Agreement, Customer, at its expense, will return to Motorola all tools and equipment in its possession or control.

2.7. Authorized Users. Customer will ensure its employees and Authorized Users comply with the terms of this Agreement and will be liable for all acts and omissions of its employees and Authorized Users. Customer is responsible for the secure management of Authorized Users' names, passwords and login credentials for access to Products and Services. **"Authorized Users"** are Customer's employees, full-time contractors engaged for the purpose of supporting the Products and Services that are not competitors of Motorola, and the entities (if any) specified in an Ordering Document or otherwise approved by Motorola in writing (email from an authorized Motorola signatory accepted), which may include affiliates or other Customer agencies.

2.8. Export Control. Customer, its employees, and any other Authorized Users will not access or use the Products and Services in any jurisdiction in which the provision of such Products and Services is prohibited under applicable laws or regulations (a **"Prohibited Jurisdiction"**), and Customer will not provide access to the Products and Services to any government, entity, or individual located in a Prohibited Jurisdiction. Customer represents and warrants that (a) it and its Authorized Users are not named on any U.S. government list of persons prohibited from receiving U.S. exports, or transacting with any U.S. person; (b) it and its Authorized Users are not a national of, or a company registered in, any Prohibited Jurisdiction; (c) Customer will not permit its Authorized Users to access or use the Products or Services in violation of any U.S. or other applicable export embargoes, prohibitions or restrictions; and (d) Customer and its Authorized Users will comply with all applicable laws regarding the transmission of technical data exported from the U.S. and the country in which Customer, its employees, and the Authorized Users are located.

2.9. Change Orders. Unless a different change control process is agreed upon in writing by the Parties, a Party may request changes to an Addendum or an Ordering Document by submitting a change order to the other Party (each, a **"Change Order"**). If a requested change in a Change Order causes an increase or decrease in the Products or Services, the Parties by means of the Change Order will make appropriate adjustments to the Fees, project schedule, or other matters. Change Orders are effective and binding on the Parties only upon execution of the Change Order by an authorized representative of both Parties.

3. Term and Termination.

3.1. Term. The term of this MCA ("**Term**") will commence on the Effective Date and continue until six (6) months after the later of (a) the termination, expiration, or discontinuance of services under the last Ordering Document in effect, or (b) the expiration of all applicable warranty periods, unless the MCA is earlier terminated as set forth herein. The applicable Addendum or Ordering Document will set forth the term for the Products and Services governed thereby.



4.3. Invoicing. Motorola will invoice Customer at the frequency set forth in the applicable Addendum or Ordering Document, and Customer will pay all invoices within thirty (30) days of the invoice date or as otherwise specified in the applicable Addendum or Ordering Document. Late payments will be subject to interest charges at the maximum rate permitted by law, commencing upon the due date. Motorola may invoice electronically via email, and Customer agrees to receive invoices via email at the email address set forth in an Ordering Document. Customer acknowledges and agrees that a purchase order or other notice to proceed is not required for payment for Products or Services. The Customer will pay all invoices as received from Motorola and any changes in scope will be subject to the change order process as described in this Agreement. At the time of execution of this Agreement, the Customer will provide all necessary reference information to include on invoices for payment in accordance with this Agreement.

4.4. NON-APPROPRIATION OF FUNDS. In the event funds are not appropriated and budgeted in any fiscal year for payments due under this Agreement, the Customer shall immediately notify Motorola of such occurrence and this Agreement shall terminate on the last day of the fiscal year for which the appropriation was made without penalty or expense to the Customer of any kind whatsoever, except to the extent the Customer received a discount for a multi-year purchase. To the extent Motorola has delivered Equipment or performed Services prior to the last day of the fiscal year for which the appropriation was made, Customer shall be liable for such Equipment or Services.

4.5. INFLATION REVIEW. For multi-year agreements, at the end of the first year of the Agreement and each year thereafter, a CPI percentage change calculation shall be performed using the U.S. Department of Labor, Consumer Price Index, "All Items," Unadjusted Urban Areas (CPI-U). Should the annual inflation rate increase greater than 3% during the previous year, Motorola shall have the right to increase all future maintenance prices by the CPI increase amount exceeding 3%. "All Items," not seasonally adjusted shall be used as the measure of CPI for this price adjustment. The adjustment calculation will be based upon the CPI for the most recent twelve (12) month increment beginning from the most current month available as posted by the U.S. Department of Labor (<http://www.bls.gov>) immediately preceding the new maintenance year. For purposes of illustration, if in Year 5 the CPI reported an increase of 8%, Motorola may increase the Year 6 price by 5% (8%-3% base).

5. Sites; Customer-Provided Equipment; Non-Motorola Content.

5.1. Access to Sites. Customer will be responsible for providing all necessary permits, licenses, and other approvals necessary for the installation and use of the Products and the performance of the Services at each applicable Site, including for Motorola to perform its obligations hereunder, and for facilitating Motorola's access to the Sites. No waivers of liability will be imposed on Motorola or its subcontractors by Customer or others at Customer facilities or other Sites, but if and to the extent any such waivers are imposed, the Parties agree such waivers are void.

5.2. Site Conditions. Customer will ensure that (a) all Sites are safe and secure, (b) Site conditions meet all applicable industry and legal standards (including standards promulgated by OSHA or other governmental or regulatory bodies), (c) to the extent applicable, Sites have adequate physical space, air conditioning, and other environmental conditions,



Non-Motorola Content (including any disclosure, modification, or deletion of Customer Data resulting from use of Non-Motorola Content or failure to properly interoperate with the Products and Services). If Customer receives notice that any Non-Motorola Content must be removed, modified, or disabled within the Products or Services, Customer will promptly do so. Motorola will have the right to disable or remove Non-Motorola Content if Motorola believes a violation of law, third-party rights, or Motorola’s policies is likely to occur, or if such Non-Motorola Content poses or may pose a security or other risk or adverse impact to the Products or Services, Motorola, Motorola’s systems, or any third party (including other Motorola customers). Motorola may provide certain Non-Motorola Content as an authorized sales representative of a third party as set out in an Ordering Document. As an authorized sales representative, the third party’s terms and conditions, as set forth in the Ordering Document, will apply to any such sales. Any orders for such Non-Motorola Content will be filled by the third party. Nothing in this Section will limit the exclusions set forth in **Section 7.2 – Intellectual Property Infringement**.

5.6. End User Licenses. Notwithstanding any provision to the contrary in the Agreement, certain Non-Motorola Content software are governed by a separate license, EULA, or other agreement, including terms governing third-party equipment or software, such as open source software, included in the Products and Services. Customer will comply, and ensure its Authorized Users comply, with any such additional terms applicable to third-party equipment or software. If provided for in the separate third party license, Customer may have a right to receive source code for such software; a copy of such source code may be obtained free of charge by contacting Motorola.

6. Representations and Warranties.

6.1. Mutual Representations and Warranties. Each Party represents and warrants to the other Party that (a) it has the right to enter into the Agreement and perform its obligations hereunder, and (b) the Agreement will be binding on such Party.

6.2. Motorola Warranties. Subject to the disclaimers and exclusions below, Motorola represents and warrants that (a) Services will be provided in a good and workmanlike manner and will conform in all material respects to the descriptions in the applicable Ordering Document; and (b) for a period of ninety (90) days commencing upon the Service Completion Date for one-time Services, the Services will be free of material defects in materials and workmanship. Other than as set forth in subsection (a) above, recurring Services are not warranted but rather will be subject to the requirements of the applicable Addendum or Ordering Document. Motorola provides other express warranties for Motorola-manufactured Equipment, Motorola-owned software Products, and certain Services. Such express warranties are included in the applicable Addendum or Ordering Document. Such representations and warranties will apply only to the applicable Product or Service that is the subject of such Addendum or Ordering Document.

6.3. Warranty Claims; Remedies. To assert a warranty claim, Customer must notify Motorola in writing of the claim prior to the expiration of any warranty period set forth in this MCA or the applicable Addendum or Ordering Document. Unless a different remedy is otherwise expressly set forth for a particular warranty under an Addendum, upon receipt of such claim, Motorola will investigate the claim and use commercially reasonable efforts to repair or replace any confirmed materially non-conforming Product or re-perform any non-conforming Service, at its option. Such remedies are Customer’s sole and exclusive



grant Customer (i) a pro-rated refund of any amounts pre-paid for the Infringing Product (if the Infringing Product is a software Product, i.e., Licensed Software or Subscription Software) or (ii) a credit for the Infringing Product, less a reasonable charge for depreciation (if the Infringing Product is Equipment, including Equipment with embedded software).

7.2.2. In addition to the other damages disclaimed under this Agreement, Motorola will have no duty to defend or indemnify Customer for any Infringement Claim that arises from or is based upon: (a) Customer Data, Customer-Provided Equipment, Non-Motorola Content, or third-party equipment, hardware, software, data, or other third-party materials; (b) the combination of the Product or Service with any products or materials not provided by Motorola; (c) a Product or Service designed, modified, or manufactured in accordance with Customer’s designs, specifications, guidelines or instructions; (d) a modification of the Product or Service by a party other than Motorola; (e) use of the Product or Service in a manner for which the Product or Service was not designed or that is inconsistent with the terms of this Agreement; or (f) the failure by Customer to use or install an update to the Product or Service that is intended to correct the claimed infringement. In no event will Motorola’s liability resulting from an Infringement Claim extend in any way to any payments due on a royalty basis, other than a reasonable royalty based upon revenue derived by Motorola from Customer from sales or license of the Infringing Product.

7.2.3. This **Section 7.2 – Intellectual Property Infringement** provides Customer’s sole and exclusive remedies and Motorola’s entire liability in the event of an Infringement Claim. For clarity, the rights and remedies provided in this Section are subject to, and limited by, the restrictions set forth in **Section 8 – Limitation of Liability** below.

7.3. Customer Indemnity. Customer will defend, indemnify, and hold Motorola and its subcontractors, subsidiaries and other affiliates harmless from and against any and all damages, losses, liabilities, and expenses (including reasonable fees and expenses of attorneys) arising from any actual or threatened third-party claim, demand, action, or proceeding arising from or related to (a) Customer-Provided Equipment, Customer Data, or Non-Motorola Content, including any claim, demand, action, or proceeding alleging that any such equipment, data, or materials (or the integration or use thereof with the Products and Services) infringes or misappropriates a third-party intellectual property or other right, violates applicable law, or breaches the Agreement; (b) Customer-Provided Equipment’s failure to meet the minimum requirements set forth in the applicable Documentation or match the applicable specifications provided to Motorola by Customer in connection with the Products or Services; (c) Customer’s (or its service providers, agents, employees, or Authorized User’s) negligence or willful misconduct; and (d) Customer’s or its Authorized User’s breach of this Agreement (all of the above verbiage is to the extent of Mississippi law). This indemnity will not apply to the extent any such claim is caused by Motorola’s use of Customer-Provided Equipment, Customer Data, or Non-Motorola Content in violation of the Agreement. Motorola will give Customer prompt, written notice of any claim subject to the foregoing indemnity. Motorola will, at its own expense, cooperate with Customer in its defense or settlement of the claim.

8. Limitation of Liability.

8.1. DISCLAIMER OF CONSEQUENTIAL DAMAGES. EXCEPT FOR PERSONAL INJURY OR DEATH, MOTOROLA, ITS AFFILIATES, AND ITS AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, SUBCONTRACTORS, AGENTS, SUCCESSORS, AND ASSIGNS (COLLECTIVELY, THE “**MOTOROLA PARTIES**”) WILL NOT BE LIABLE IN CONNECTION WITH THIS AGREEMENT (WHETHER UNDER



clearly designated, labeled or marked as confidential or its equivalent or that a reasonable businessperson would consider non-public and confidential by its nature. With respect to Motorola, Confidential Information will also include Products and Services, and Documentation, as well as any other information relating to the Products and Services. The nature and existence of this Agreement are considered Confidential Information of the Parties. In order to be considered Confidential Information, information that is disclosed orally must be identified as confidential at the time of disclosure and confirmed by Discloser by submitting a written document to Recipient within thirty (30) days after such disclosure. The written document must contain a summary of the Confidential Information disclosed with enough specificity for identification purpose and must be labeled or marked as confidential or its equivalent.

9.2. Obligations of Confidentiality. During the Term and for a period of three (3) years from the expiration or termination of this Agreement, Recipient will (a) not disclose Confidential Information to any third party, except as expressly permitted in this **Section 9 - Confidentiality**; (b) restrict disclosure of Confidential Information to only those employees (including, employees of any wholly owned subsidiary, a parent company, any other wholly owned subsidiaries of the same parent company), agents or consultants who must access the Confidential Information for the purpose of, and who are bound by confidentiality terms substantially similar to those in, this Agreement; (c) not copy, reproduce, reverse engineer, de-compile or disassemble any Confidential Information; (d) use the same degree of care as for its own information of like importance, but at least use reasonable care, in safeguarding against disclosure of Confidential Information; (e) promptly notify Discloser upon discovery of any unauthorized use or disclosure of the Confidential Information and take reasonable steps to regain possession of the Confidential Information and prevent further unauthorized actions or other breach of this Agreement; and (f) only use the Confidential Information as needed to fulfill its obligations and secure its rights under this Agreement.

9.3. Exceptions. Recipient is not obligated to maintain as confidential any information that Recipient can demonstrate by documentation (a) is publicly available at the time of disclosure or becomes available to the public without breach of this Agreement; (b) is lawfully obtained from a third party without a duty of confidentiality to Discloser; (c) is otherwise lawfully known to Recipient prior to such disclosure without a duty of confidentiality to Discloser; or (d) is independently developed by Recipient without the use of, or reference to, any of Discloser's Confidential Information or any breach of this Agreement. Additionally, Recipient may disclose Confidential Information to the extent required by law, including a judicial or legislative order or proceeding.

9.4. Ownership of Confidential Information. All Confidential Information is and will remain the property of Discloser and will not be copied or reproduced without the express written permission of Discloser (including as permitted herein). Within ten (10) days of receipt of Discloser's written request, Recipient will return or destroy all Confidential Information to Discloser along with all copies and portions thereof, or certify in writing that all such Confidential Information has been destroyed. However, Recipient may retain (a) one (1) archival copy of the Confidential Information for use only in case of a dispute concerning this Agreement and (b) Confidential Information that has been automatically stored in accordance with Recipient's standard backup or recordkeeping procedures, provided, however that Recipient will remain subject to the obligations of this Agreement with respect to any Confidential Information retained subject to clauses (a) or (b). No license, express or implied, in the Confidential Information is granted to the Recipient other than to use the Confidential Information in the manner and to the extent authorized by this Agreement.



10.3. Ownership of Customer Data. Customer retains all right, title and interest, including intellectual property rights, if any, in and to Customer Data. Motorola acquires no rights to Customer Data except those rights granted under this Agreement including the right to Process and use the Customer Data as set forth in **Section 10.4 – Processing Customer Data** below and in other applicable Addenda. The Parties agree that with regard to the Processing of personal information which may be part of Customer Data, Customer is the controller and Motorola is the processor, and may engage sub-processors pursuant to **Section 10.4.3 – Sub-processors**.

10.4. Processing Customer Data.

10.4.1. **Motorola Use of Customer Data.** To the extent permitted by law, Customer grants Motorola and its subcontractors a right to use Customer Data and a royalty-free, worldwide, non-exclusive license to use Customer Data (including to process, host, cache, store, reproduce, copy, modify, combine, analyze, create derivative works from such Customer Data and to communicate, transmit, and distribute such Customer Data to third parties engaged by Motorola) to (a) perform Services and provide Products under the Agreement, (b) analyze the Customer Data to operate, maintain, manage, and improve Motorola Products and Services, and (c) create new products and services. Customer agrees that this Agreement, along with the Documentation, are Customer’s complete and final documented instructions to Motorola for the processing of Customer Data. Any additional or alternate instructions must be agreed to according to the Change Order process. Customer represents and warrants to Motorola that Customer’s instructions, including appointment of Motorola as a processor or sub-processor, have been authorized by the relevant controller.

10.4.2. **Collection, Creation, Use of Customer Data.** Customer further represents and warrants that the Customer Data, Customer’s collection, creation, and use of the Customer Data (including in connection with Motorola’s Products and Services), and Motorola’s use of such Customer Data in accordance with the Agreement, will comply with all laws and will not violate any applicable privacy notices or infringe any third-party rights (including intellectual property and privacy rights). It is Customer’s responsibility to obtain all required consents, provided all necessary notices, and meet any other applicable legal requirements with respect to collection and use (including Motorola’s use) of the Customer Data as described in the Agreement.

10.4.3. **Sub-processors.** Customer agrees that Motorola may engage sub-processors who in turn may engage additional sub-processors to Process personal data in accordance with this Agreement. When engaging sub-processors, Motorola will enter into agreements with the sub-processors to bind them to data processing obligations to the extent required by law.

10.5. Data Retention and Deletion. Except as expressly provided otherwise under the Agreement, Motorola will delete all Customer Data following termination or expiration of this MCA or the applicable Addendum or Ordering Document, with such deletion to occur no later than ninety (90) days following the applicable date of termination or expiration, unless otherwise required to comply with applicable law. Any requests for the exportation or download of Customer Data must be made by Customer to Motorola in writing before expiration or termination, subject to **Section 13.9 – Notices**. Motorola will have no obligation to retain such Customer Data beyond expiration or termination unless the Customer has purchased extended storage from Motorola through a mutually executed Ordering Document.



Data (or otherwise) are the exclusive property of Motorola and all right, title and interest in and to such fixes, modifications or improvements will vest solely in Motorola. Customer agrees to execute any written documents necessary to assign any intellectual property or other rights it may have in such fixes, modifications or improvements to Motorola.

11. Force Majeure; Delays Caused by Customer.

11.1. Force Majeure. Except for Customer’s payment obligations hereunder, neither Party will be responsible for nonperformance or delayed performance due to events outside of its reasonable control. If performance will be significantly delayed, the affected Party will provide notice to the other Party, and the Parties will agree (in writing) upon a reasonable extension to any applicable performance schedule.

11.2. Delays Caused by Customer. Motorola’s performance of the Products and Services will be excused for delays caused by Customer or its Authorized Users or subcontractors, or by failure of any assumptions set forth in this Agreement (including in any Addendum or Ordering Document). In the event of a delay under this **Section 11.2 – Delays Caused by Customer**, (a) Customer will continue to pay the Fees as required hereunder, (b) the Parties will agree (in writing) upon a reasonable extension to any applicable performance schedule, and (c) Customer will compensate Motorola for its out-of-pocket costs incurred due to the delay (including those incurred by Motorola’s affiliates, vendors, and subcontractors).

12. Disputes. The Parties will use the following procedure to resolve any disputes relating to or arising out of this Agreement (each, a “**Dispute**”):

12.1. Governing Law. All matters relating to or arising out of the Agreement will be governed by the laws of the State in which the Products and Services are provided. The terms of the U.N. Convention on Contracts for the International Sale of Goods and the Uniform Computer Information Transactions Act will not apply.

12.2. Negotiation; Mediation. Either Party may initiate dispute resolution procedures by sending a notice of Dispute (“**Notice of Dispute**”) to the other Party. The Parties will attempt to resolve the Dispute promptly through good faith negotiations, including timely escalation of the Dispute to executives who have authority to settle the Dispute (and who are at a higher level of management than the persons with direct responsibility for the matter). If a Dispute is not resolved through negotiation, either Party may initiate mediation by sending a notice of mediation (“**Notice of Mediation**”) to the other Party. The Parties will choose an independent mediator within thirty (30) days of such Notice of Mediation. Neither Party may unreasonably withhold consent to the selection of a mediator, but if the Parties are unable to agree upon a mediator, either Party may request that the American Arbitration Association nominate a mediator. Each Party will bear its own costs of mediation, but the Parties will share the cost of the mediator equally. Each Party will participate in the mediation in good faith and will be represented at the mediation by a business executive with authority to settle the Dispute. All in person meetings under this **Section 12.2 – Negotiation; Mediation** will take place in Madison County, MS, and all communication relating to the Dispute resolution will be maintained in strict confidence by the Parties. Notwithstanding the foregoing, any Dispute arising from or relating to Motorola’s intellectual property rights will not be subject to negotiation or mediation in accordance with this Section, but instead will be decided by a court of competent jurisdiction, in accordance with **Section 12.3 – Litigation, Venue, Jurisdiction** below.

13.6. Independent Contractors. Each Party will perform its duties under this Agreement as an independent contractor. The Parties and their personnel will not be considered to be employees or agents of the other Party. Nothing in this Agreement will be interpreted as granting either Party the right or authority to make commitments of any kind for the other. This Agreement will not constitute, create, or be interpreted as a joint venture, partnership, or formal business organization of any kind.

13.7. Third-Party Beneficiaries. The Agreement is entered into solely between, and may be enforced only by, the Parties. Each Party intends that the Agreement will not benefit, or create any right or cause of action in or on behalf of, any entity other than the Parties. Notwithstanding the foregoing, a licensor or supplier of third-party software included in the software Products will be a direct and intended third-party beneficiary of this Agreement.

13.8. Interpretation. The section headings in this Agreement are included only for convenience. The words "including" and "include" will be deemed to be followed by the phrase "without limitation". This Agreement will be fairly interpreted in accordance with its terms and conditions and not for or against either Party.

13.9. Notices. Notices required under this Agreement to be given by one Party to the other must be in writing and either personally delivered or sent to the address provided by the other Party by certified mail, return receipt requested and postage prepaid (or by a recognized courier service, such as FedEx, UPS, or DHL), and will be effective upon receipt.

13.10. Cumulative Remedies. Except as specifically stated in this Agreement, all remedies provided for in this Agreement will be cumulative and in addition to, and not in lieu of, any other remedies available to either Party at law, in equity, by contract, or otherwise. Except as specifically stated in this Agreement, the election by a Party of any remedy provided for in this Agreement or otherwise available to such Party will not preclude such Party from pursuing any other remedies available to such Party at law, in equity, by contract, or otherwise.

13.11. Survival. The following provisions will survive the expiration or termination of this Agreement for any reason: **Section 2.4 – Customer Obligations; Section 3.4 – Effect of Termination or Expiration; Section 4 – Payment and Invoicing; Section 6.5 – Warranty Disclaimer; Section 7.3 – Customer Indemnity; Section 8 – Limitation of Liability; Section 9 – Confidentiality; Section 10 – Proprietary Rights; Data; Feedback; Section 11 – Force Majeure; Delays Caused by Customer; Section 12 – Disputes; and Section 13 – General.**

13.12. Entire Agreement. This Agreement, including all Addenda and Ordering Documents, constitutes the entire agreement of the Parties regarding the subject matter hereto, and supersedes all previous agreements, proposals, and understandings, whether written or oral, relating to this subject matter. This Agreement may be executed in multiple counterparts, and will have the same legal force and effect as if the Parties had executed it as a single document. The Parties may sign in writing or by electronic signature. An electronic signature, facsimile copy, or computer image of a signature, will be treated, and will have the same effect as an original signature, and will have the same effect, as an original signed copy of this document. This Agreement may be amended or modified only by a written instrument signed by authorized representatives of both Parties. The preprinted terms and conditions found on any Customer purchase order, acknowledgment, or other

Equipment Purchase and Software License Addendum

This Equipment Purchase and Software License Addendum (this “EPSLA”) is entered into between Motorola Solutions, Inc., with offices at 500 W. Monroe Street, Suite 4400, Chicago, IL 60661 (“Motorola”) and the entity set forth in the signature block below or in the MCA (“Customer”), and will be subject to, and governed by, the terms of the Master Customer Agreement entered into between the Parties (the “MCA”). Capitalized terms used in this EPSLA, but not defined herein, will have the meanings set forth in the MCA.

1. Addendum. This EPSLA governs Customer’s purchase of Equipment and license of Licensed Software (and, if set forth in an Ordering Document, related Services) from Motorola, and will form part of the Parties’ Agreement.

2. Delivery of Equipment and Licensed Software.

2.1. Delivery and Risk of Loss. Motorola will provide to Customer the Products (and, if applicable, related Services) set forth in an Ordering Document, in accordance with the terms of the Agreement. Motorola will, using commercially reasonable practices, pack the ordered Equipment and ship such Equipment to the Customer address set forth in the applicable Ordering Document or otherwise provided by Customer in writing, using a carrier selected by Motorola. Notwithstanding the foregoing, delivery of Equipment (and any incorporated Licensed Software) will occur, and title and risk of loss for the Equipment will pass to Customer, upon shipment by Motorola in accordance with Ex Works, Motorola’s premises (Incoterms 2020). Customer will pay all shipping costs, taxes, and other charges applicable to the shipment and import or export of the Products and Services, as applicable, and Customer will be responsible for reporting the Products for personal property tax purposes. Delivery of Licensed Software for installation on Equipment or Customer-Provided Equipment will occur upon the earlier of (a) electronic delivery of the Licensed Software by Motorola, and (b) the date Motorola otherwise makes the Licensed Software available for download by Customer. If agreed upon in an Ordering Document, Motorola will also provide Services related to such Products.

2.2. Delays. Any shipping dates set forth in an Ordering Document are approximate, and while Motorola will make reasonable efforts to ship Products by any such estimated shipping date, Motorola will not be liable for any delay or related damages to Customer. Time for delivery will not be of the essence, and delays will not constitute grounds for cancellation, penalties, termination, or a refund.

2.3. Beta Services. If Motorola makes any beta version of a software application (“Beta Service”) available to Customer, Customer may choose to use such Beta Service at its own discretion, provided, however, that Customer will use the Beta Service solely for purposes of Customer’s evaluation of such Beta Service, and for no other purpose. Customer acknowledges and agrees that all Beta Services are offered “as-is” and without any representations or warranties or other commitments or protections from Motorola. Motorola will determine the duration of the evaluation period for any Beta Service, in its sole discretion, and Motorola may discontinue any Beta Service at any time. Customer acknowledges that Beta Services, by their nature, have not been fully tested and may contain defects or deficiencies.

3. Licensed Software License and Restrictions.



if the Designated Product is inoperable or malfunctioning, if Customer provides written notice to Motorola of the temporary transfer and identifies the device on which the Licensed Software is transferred. Temporary transfer of the Licensed Software to another device must be discontinued when the original Designated Product is returned to operation and the Licensed Software must be removed from the other device. Customer must provide prompt written notice to Motorola at the time temporary transfer is discontinued.

3.6. Resale of Equipment. Equipment contains embedded Licensed Software. If Customer desires to sell its used Equipment to a third party, Customer must first receive prior written authorization from Motorola and obtain written acceptance of the applicable Licensed Software license terms, including the obligation to pay relevant license fees, from such third party.

4. Term.

4.1. Term. The term of this EPSLA (the “**EPSLA Term**”) will commence upon either (a) the Effective Date of the MCA, if this EPSLA is attached to the MCA as of such Effective Date, or (b) the EPSLA Date set forth on the signature page below, if this EPSLA is executed after the MCA Effective Date, and will continue until the later of (i) three (3) years after the first order for Products is placed via an Ordering Document, or (ii) the expiration of all applicable warranty periods (as set forth in **Section 6.1 – Motorola Warranties** below) under this EPSLA, unless this EPSLA or the Agreement is earlier terminated in accordance with the terms of the Agreement.

4.2. Termination. Notwithstanding the termination provisions of the MCA, Motorola may terminate this EPSLA (and any Ordering Documents hereunder) immediately upon notice to Customer if Customer breaches **Section 3 – Licensed Software License and Restrictions** of this EPSLA, or any other provision related to Licensed Software license scope or restrictions set forth in an Ordering Document, EULA, or other applicable Addendum. For clarity, upon termination or expiration of the EPSLA Term, all Motorola obligations under this EPSLA (including with respect to Equipment and Licensed Software delivered hereunder) will terminate. If Customer desires to purchase additional Services in connection with such Equipment or Licensed Software, Customer may enter into a separate Addendum with Motorola, governing such Services. Customer acknowledges that Motorola made a considerable investment of resources in the development, marketing, and distribution of the Licensed Software and Documentation, and that Customer’s breach of the Agreement will result in irreparable harm to Motorola for which monetary damages would be inadequate. If Licensee breaches this Agreement, in addition to termination, Motorola will be entitled to all available remedies at law or in equity, including immediate injunctive relief and repossession of all non-embedded Licensed Software and associated Documentation.

4.3. Equipment as a Service. In the event that Customer purchases any Equipment at a price below the MSRP for such Equipment in connection Customer entering into a fixed- or minimum required-term agreement for Subscription Software, and Customer or Motorola terminates the Agreement, this EPSLA, or other applicable Addendum (such as the Addendum governing the purchase of such Subscription Software) prior to the expiration of such fixed- or minimum required-term, then Motorola will have the right to invoice Customer for, and Customer will pay, the amount of the discount to the MSRP for the Equipment or such other amount set forth in the applicable Addendum or Ordering Document. This Section will not limit any other remedies Motorola may have with respect to an early termination.



IN CUSTOMER OR AUTHORIZED USER REQUIREMENTS, EQUIPMENT, OR SYSTEMS; (K) TRACKING AND LOCATION-BASED SERVICES; OR (L) BETA SERVICES.

6.3. Voluntary Remedies. Motorola is not obligated to remedy, repair, replace, or refund the purchase price for the disclaimed or excluded issues in the MCA or **Section 6.2 – Additional Exclusions** above, but if Motorola agrees to provide Services to help resolve such issues, Customer will reimburse Motorola for its reasonable time and expenses, including by paying Motorola any Fees set forth in an Ordering Document for such Services, if applicable.

7. Copyright Notices. The existence of a copyright notice on any Licensed Software will not be construed as an admission or presumption of publication of the Licensed Software or public disclosure of any trade secrets associated with the Licensed Software.

8. Survival. The following provisions will survive the expiration or termination of this EPSLA for any reason: **Section 3 – Licensed Software License and Restrictions; Section 4 – Term; Section 5 – Payment; Section 6.2 – Additional Exclusions; Section 8 – Survival.**

Data Processing Addendum

This Data Processing Addendum, including its Schedules and Annexes (“DPA”), forms part of the Master Customer Agreement (“MCA” or “Agreement”) to reflect the parties’ agreement with regard to the Processing of Customer Data, which may include Personal Data. In the event of a conflict between this DPA, the MCA or any Schedule, Annex or other addenda to the MCA, this DPA must prevail.

When Customer renews or purchases new Products or Services, the then-current DPA must apply and must not change during the applicable Term. When Motorola provides new features or supplements the Product or Service, Motorola may provide additional terms or make updates to this DPA that must apply to Customer’s use of those new features or supplements.

1. Definitions.

All capitalized terms not defined herein must have the meaning set forth in the Agreement.

“**Customer Data**” means data including images, text, videos, and audio, that are provided to Motorola by, through, or on behalf of Customer and its Authorized Users or their end users, through the use of the Products and Services. Customer Data does not include Customer Contact Data, Service Use Data, other than that portion comprised of Personal Information, or Third Party Data.

“**Customer Contact Data**” means data Motorola collects from Customer, its Authorized Users, and their end users for business contact purposes, including without limitation marketing, advertising, licensing, and sales purposes.

“**Data Protection Laws**” means all data protection laws and regulations applicable to a Party with respect to the Processing of Personal Data under the Agreement.

“**Data Subjects**” means the identified or identifiable person to whom Personal Data relates.



and Services, are Customer’s complete and final documented instructions to Motorola for the processing of Customer Data. Any additional or alternate instructions must be agreed to according to the process for amending Customer’s Agreement. Customer represents and warrants to Motorola that Customer’s instructions, including appointment of Motorola as a Processor or sub-processor, have been authorized by the relevant controller. Customer Data may be processed by Motorola at any of its global locations and/or disclosed to Subprocessors. It is Customer’s responsibility to notify Authorized Users of Motorola’s collection and use of Customer Data, and to obtain any required consents, provide all necessary notices, and meet any other applicable legal requirements with respect to such collection and use. Customer represents and warrants to Motorola that it has complied with the terms of this provision.

2.3. Details of Processing. The subject-matter of Processing of Personal Data by Motorola hereunder, the duration of the Processing, the categories of Data Subjects and types of Personal Data are set forth on **Annex I** to this DPA.

2.4. Disclosure of Processed Data. Motorola must not disclose to or share any Customer Data with any third party except to Motorola’s sub-processors, suppliers and channel partners as necessary to provide the products and services unless permitted under this Agreement, authorized by Customer or required by law. In the event a government or supervisory authority demands access to Customer Data, to the extent allowable by law, Motorola must provide Customer with notice of receipt of the demand to provide sufficient time for Customer to seek appropriate relief in the relevant jurisdiction. In all circumstances, Motorola retains the right to comply with applicable law. Motorola must ensure that its personnel are subject to a duty of confidentiality, and will contractually obligate its sub-processors to a duty of confidentiality, with respect to the handling of Customer Data and any Personal Data contained in Service Use Data.

2.5. Customer’s Obligations. Customer is solely responsible for its compliance with all Data Protection Laws and establishing and maintaining its own policies and procedures to ensure such compliance. Customer must not use the Products and Services in a manner that would violate applicable Data Protection Laws. Customer must have sole responsibility for (i) the lawfulness of any transfer of Personal Data to Motorola, (ii) the accuracy, quality, and legality of Personal Data provided to Motorola; (iii) the means by which Customer acquired Personal Data, and (iv) the provision of any required notices to, and obtaining any necessary acknowledgements, authorizations or consents from Data Subjects. Customer takes full responsibility to keep the amount of Personal Data provided to Motorola to the minimum necessary for Motorola to perform in accordance with the Agreement. Customer must be solely responsible for its compliance with applicable Data Protection Laws.

2.6. Customer Indemnity. Customer will defend, indemnify, and hold Motorola and its subcontractors, subsidiaries and other affiliates harmless from and against any and all damages, losses, liabilities, and expenses (including reasonable fees and expenses of attorneys) arising from any actual or threatened third-party claim, demand, action, or proceeding arising from or related to Customer’s failure to comply with its obligations under this Agreement and/or applicable Data Protection Laws. Motorola will give Customer prompt, written notice of any claim subject to the foregoing indemnity. Motorola will, at its own expense, cooperate with Customer in its defense or settlement of the claim.

3. Service Use Data. Except to the extent that it is Personal Information, Customer understands and agrees that Motorola may collect and use Service Use Data for its own



6.2. Changes to Sub-processing. The Customer hereby consents to Motorola engaging Sub-processors to process Customer Data provided that: (i) Motorola must use its reasonable endeavours to provide at least 10 days' prior notice of the addition or removal of any Sub-processor, which may be given by posting details of such addition or removal at a URL provided to Customer in **Annex III**; (ii) Motorola imposes data protection terms on any Sub-processor it appoints that protect the Customer Data to the same standard provided for by this Addendum; and (iii) Motorola remains fully liable for any breach of this clause that is caused by an act, error or omission of its Sub-processor(s). The Customer may object to Motorola's appointment or replacement of a Sub-processor prior to its appointment or replacement, provided such objection is based on reasonable grounds relating to data protection. In such event, Motorola will either appoint or replace the Sub-processor or, if in Motorola's discretion this is not feasible, the Customer may terminate this Agreement and receive a pro-rata refund of any prepaid service or support fees as full satisfaction of any claim arising out of such termination.

6.3. Data Subject Requests. Motorola must, to the extent legally permitted, promptly notify Customer if it receives a request from a Data Subject, including without limitation requests for access to, correction, amendment, transport or deletion of such Data Subject's Personal Data and, to the extent applicable, Motorola must provide Customer with commercially reasonable cooperation and assistance in relation to any complaint, notice, or communication from a Data Subject. Customer must respond to and resolve promptly all requests from Data Subjects which Motorola provides to Customer. Customer must be responsible for any reasonable costs arising from Motorola's provision of such assistance under this Section.

7. Data Transfers

Motorola agrees that it must not make transfers of Personal Data under this Agreement from one jurisdiction to another unless such transfers are performed in compliance with this Addendum and applicable Data Protection Laws. Motorola agrees to enter into appropriate agreements with its affiliates and Sub-processors, which will permit Motorola to transfer Personal Data to its affiliates and Sub-processors. Motorola agrees to amend as necessary its agreement with Customer to permit transfer of Personal Data from Motorola to Customer. Motorola also agrees to assist the Customer in entering into agreements with its affiliates and Sub-processors if required by applicable Data Protection Laws for necessary transfers.

8. Security. Motorola must implement appropriate technical and organizational measures to ensure a level of security appropriate to the risk posed by the Processing of Personal Data, taking into account the costs of implementation; the nature, scope, context, and purposes of the Processing; and the risk of varying likelihood and severity of harm to the data subjects. The appropriate technical and organizational measures implemented by Motorola are set forth in **Annex III**. In assessing the appropriate level of security, Motorola must weigh the risks presented by Processing, in particular from accidental or unlawful destruction, loss, alteration, unauthorized disclosure of, or access to personal data transmitted, stored or otherwise Processed.

9. Security Incident Notification. If Motorola becomes aware of a Security Incident, then Motorola must (i) notify Customer of the Security Incident without undue delay, (ii) investigate the Security Incident and apprise Customer of the details of the Security Incident and (iii) take commercially reasonable steps to stop any ongoing loss of Personal Data due to the Security Incident if in the control of Motorola. Notification of a Security Incident must



executive summary information, not raw data or private information. Customer must, at no charge, provide to Motorola a full copy of all findings of the audit.

12. Regulation Specific Terms

12.1. HIPAA Business Associate. If Customer is a “covered entity” or a “business associate” and includes “protected health information” in Customer Data as those terms are defined in 45 CFR § 160.103, execution of the MCA includes execution of the Motorola HIPAA Business Associate Agreement Addendum (“BAA”). Customer may opt out of the BAA by sending the following information to Motorola in a written notice under the terms of the Customer’s Agreement: “Customer and Motorola agree that no Business Associate Agreement is required. Motorola is not a Business Associate of Customer’s, and Customer agrees that it will not share or provide access to Protected Health Information to Motorola or Motorola’s subprocessors.”

12.2. FERPA. If Customer is an educational agency or institution to which regulations under the Family Educational Rights and Privacy Act, 20 U.S.C. § 1232g (FERPA), apply, Motorola acknowledges that for the purposes of the DPA, Motorola is a “school official” with “legitimate educational interests” in the Customer Data, as those terms have been defined under FERPA and its implementing regulations, and Motorola agrees to abide by the limitations and requirements imposed by 34 CFR 99.33(a) on school officials. Customer understands that Motorola may possess limited or no contact information for Customer’s students and students’ parents. Consequently, Customer must be responsible for obtaining any parental consent for any end user’s use of the Online Service that may be required by applicable law and to convey notification on behalf of Motorola to students (or, with respect to a student under 18 years of age and not in attendance at a post-secondary institution, to the student’s parent) of any judicial order or lawfully-issued subpoena requiring the disclosure of Customer Data in Motorola’s possession as may be required under applicable law.

12.3. CJIS. Motorola agrees to support the Customer’s obligation to comply with the Federal Bureau of Investigation Criminal Justice Information Services (CJIS) Security Policy and must comply with the terms of the CJIS Security Addendum for the Term of this Agreement and such CJIS Security Addendum is incorporated herein by reference. Customer hereby consents to allow Motorola “screened” personnel as defined by the CJIS Security Policy to serve as an authorized “escort” within the meaning of CJIS Security Policy for escorting unscreened Motorola personnel that require access to unencrypted Criminal Justice Information for purposes of Tier 3 support (e.g. troubleshooting or development resources). In the event Customer requires access to Service Use Data for its compliance with the CJIS Security Policy, Motorola must make such access available following Customer’s request. Notwithstanding the foregoing, in the event the MCA or applicable Ordering Document terminates, Motorola must carry out deletion of Customer Data in compliance with Section 10 herein and may likewise delete Service Use Data within the time frame specified therein. To the extent Customer objects to deletion of its Customer Data or Service Use Data and seeks retention for a longer period, it must provide written notice to Motorola prior to expiration of the 30 day period for data retention to arrange return of the Customer Data and retention of the Service Use Data for a specified longer period of time.

12.4. CCPA / CPRA. If Motorola is Processing Personal Data within the scope of the California Consumer Protection Act (“CCPA”) and/or the California Privacy Rights Act



Data importer(s): *[Identity and contact details of the data importer(s), including any contact person with responsibility for data protection]*

1.

Name: Motorola Solutions, Inc.

Address: ...

Contact person's name, position and contact details: ...

Activities relevant to the data transferred under these Clauses: ...

Signature and date: ...

Role (controller/processor): Processor

2. ...

B. DESCRIPTION OF TRANSFER

Categories of data subjects whose personal data is transferred

Data subjects include the data exporter's representatives and end-users including employees, contractors, collaborators, and customers of the data exporter. Data subjects may also include individuals attempting to communicate or transfer personal information to users of the services provided by data importer. Motorola acknowledges that, depending on Customer's use of the Online Service, Customer may elect to include personal data from any of the following types of data subjects in the Customer Data:

- Employees, contractors, and temporary workers (current, former, prospective) of data exporter;
- Dependents of the above;
- Data exporter's collaborators/contact persons (natural persons) or employees, contractors or temporary workers of legal entity collaborators/contact persons (current, prospective, former);
- Users (e.g., customers, clients, patients, visitors, etc.) and other data subjects that are users of data exporter's services;
- Partners, stakeholders or individuals who actively collaborate, communicate or otherwise interact with employees of the data exporter and/or use communication tools such as apps and websites provided by the data exporter;
- Stakeholders or individuals who passively interact with data exporter (e.g., because they are the subject of an investigation, research or mentioned in documents or correspondence from or to the data exporter);



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Motorola Solutions

- HR and recruitment data (for example declaration of employment status, recruitment information (such as curriculum vitae, employment history, education history details), job and position data, including worked hours, assessments and salary, work permit details, availability, terms of employment, tax details, payment details, insurance details and location, and organizations);
- Education data (for example education history, current education, grades and results, highest degree achieved, learning disability);
- Citizenship and residency information (for example citizenship, naturalization status, marital status, nationality, immigration status, passport data, details of residency or work permit);
- Information processed for the performance of a task carried out in the public interest or in the exercise of an official authority;
- Special categories of data (for example racial or ethnic origin, political opinions, religious or philosophical beliefs, trade union membership, genetic data, biometric data for the purpose of uniquely identifying a natural person, data concerning health, data concerning a natural person's sex life or sexual orientation, or data relating to criminal convictions or offences); or
- Any other personal data identified under applicable law or regulation.

Sensitive data transferred (if applicable) and applied restrictions or safeguards that fully take into consideration the nature of the data and the risks involved, such as for instance strict purpose limitation, access restrictions (including access only for staff having followed specialised training), keeping a record of access to the data, restrictions for onward transfers or additional security measures.

...

The frequency of the transfer (e.g. whether the data is transferred on a one-off or continuous basis).

Data may be transferred on a continuous basis during the term of the MCA or other agreement to which this DPA applies.

Nature of the processing

The nature, scope and purpose of processing personal data is to carry out performance of Motorola's obligations with respect to provision of the Products and Services purchased under the MCA and applicable Ordering Documents. The data importer utilizes a global network of data centers and management/support facilities, and processing may take place in any jurisdiction where data importer or its sub-processors utilize such facilities

Purpose(s) of the data transfer and further processing



ANNEX II

TECHNICAL AND ORGANIZATIONAL MEASURES INCLUDING TECHNICAL AND ORGANIZATIONAL MEASURES TO ENSURE THE SECURITY OF THE DATA

Measures of pseudonymisation and encryption of personal data

Where technically feasible and when not impacting services provided:

- We minimize the data we collect to information we believe is necessary to communicate, provide, and support products and services and information necessary to comply with legal obligations.
- We encrypt in transit and at rest.
- We pseudonymize and limit administrative accounts that have access to reverse pseudonymisation.

Measures for ensuring ongoing confidentiality, integrity, availability and resilience of processing systems and services

In order to ensure ongoing confidentiality, integrity, availability and resilience of processing systems and services, Motorola Solutions Information Protection policy mandates the institutionalization of information protection throughout solution development and operational lifecycles. Motorola Solutions maintains dedicated security teams for its internal information security and its products and services. Its security practices and policies are integral to its business and mandatory for all Motorola Solutions employees and contractors. The Motorola Chief Information Security Officer maintains responsibility and executive oversight for such policies, including formal governance, revision management, personnel education and compliance. Motorola Solutions generally aligns to the NIST Cybersecurity Framework as well as ISO 27001.

Measures for ensuring the ability to restore the availability and access to personal data in a timely manner in the event of a physical or technical incident

Security Incident Procedures Motorola Solutions maintains a global incident response plan to address any physical or technical incident in an expeditious manner. Motorola maintains a record of security breaches with a description of the breach, the time period, the consequences of the breach, the name of the reporter, and to whom the breach was reported, and the procedure for recovering data. For each security breach that is a Security Incident, notification will be made in accordance with the Security Incident Notification section of this DPA.

Business Continuity and Disaster Preparedness Motorola maintains business continuity and disaster preparedness plans for critical functions and systems within Motorola’s control that support the Products and Services purchased under the Agreement in order to avoid services disruptions and minimize recovery risks.



Motorola maintains appropriate physical and environment security controls to prevent unauthorized access to Customer Data, including personal information. This includes appropriate physical entry controls to Motorola facilities such as card-controlled entry points, and a staffed reception desk to protect against unauthorized entry. Access to controlled areas within a facility will be limited by job role and subject to authorized approval. Use of an access badge to enter a controlled area will be logged and such logs will be retained in accordance with Motorola policy. Motorola revokes personnel access to Motorola facilities and controlled areas upon separation of employment in accordance with Motorola policies. Motorola policies impose industry standard workstation, device and media controls designed to further protect Customer Data, including personal information.

Measures for ensuring personnel security

Access to Customer Data. Motorola maintains processes for authorizing and supervising its employees, and contractors with respect to monitoring access to Customer Data. Motorola requires its employees, contractors and agents who have, or may be expected to have, access to Customer Data to comply with the provisions of the Agreement, including this Annex and any other applicable agreements binding upon Motorola.

Security and Privacy Awareness. Motorola must ensure that its employees and contractors remain aware of industry standard security and privacy practices, and their responsibilities for protecting Customer Data and Personal Data. This must include, but not be limited to, protection against malicious software, password protection, and management, and use of workstations and computer system accounts. Motorola requires periodic Information security training, privacy training, and business ethics training for all employees and contract resources

Sanction Policy. Motorola maintains a sanction policy to address violations of Motorola's internal security requirements as well as those imposed by law, regulation, or contract.

Background Checks. Motorola follows its standard mandatory employment verification requirements for all new hires. In accordance with Motorola internal policy, these requirements must be periodically reviewed and include, but may not be limited to, criminal background checks, proof of identity validation and any additional checks as deemed necessary by Motorola.

Measures for ensuring events logging

Protection, and Response. Motorola assesses organization's effectiveness annually via external assessors who report and share the assessment findings with Motorola Audit Services who tracks any identified remediations. For more information, please see the Motorola Trust Center at https://www.motorolasolutions.com/en_us/about/trust-center/security.html

For transfers to (sub-) processors

If, in the course of providing products and services under the MCA, Motorola Solutions transfers information containing personal data to third parties, said third parties will be subjected to a security assessment and bound by obligations substantially similar, but at least as stringent, as those included in this DPA.

2. ESRI WARRANTY.

2.1 As to ESRI OEM Software, during the term of this Agreement ESRI represents and warrants the Software will substantially perform in conformance with the Specifications and its Documentation, provided the Software is used as specified in the Documentation, and will provide Updates, Upgrades, timely system releases, error corrections, and such improvements outlined in the ESRI life cycle maintenance policy. The foregoing warranties do not apply to errors, defects, or nonconformities due to: a) misuse of the Software solely by the Customer; b) unauthorized modification of the Software by Customer; or c) failure of Customer to use compatible hardware and software as set forth in the specifications.

2.2. If included under this Agreement, the Data has been obtained from sources believed to be reliable, but its accuracy and completeness is not guaranteed. The Data may contain some nonconformities, defects, errors or omissions. ESRI and Motorola make no warranty with respect to the Data. Without limiting the generality of the preceding sentence, ESRI and Motorola do not warrant the Data will meet the Customer's needs or expectations, the use of Data will be uninterrupted, or that all nonconformities can or will be corrected. ESRI and Motorola are not inviting reliance on the Data, and Customer should always verify actual Data, including, but not limited to, map, spatial, raster and tabular information.

2.3. EXCEPT FOR THE ABOVE EXPRESS LIMITED WARRANTIES, ESRI DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINTERFERENCE, SYSTEM INTEGRATION AND NON-INFRINGEMENT. ESRI DOES NOT WARRANT THAT THE DATA WILL MEET CUSTOMER'S NEEDS OR EXPECTATIONS, THE USE OF THE SAME WILL BE UNINTERRUPTED, OR THAT ALL NONCONFORMITIES CAN OR WILL BE CORRECTED.

2.4. Customer's exclusive remedy and ESRI's entire liability for breach of the limited warranties set forth herein shall be limited, at ESRI's sole discretion, to (a) replacement of any defective media; (b) repair, correction, or a work-around for the Software subject to the ESRI Support Services Policy, (c) return of the license fees paid for the Software, Data, or Documentation that does not meet ESRI's limited warranty, provided that Customer uninstalls, removes, and destroys all copies of the Software, Data, or Documentation and executes and delivers evidence of such de-installation and destruction to ESRI.

3. THIRD PARTY PROVIDED DOCUMENTATION. Non-Motorola authored documentation will be provided in the format available from the vendor and in accordance with the vendors distribution policy

MAYOR

Walter C. Morrison, IV

CITY CLERK

Lindsay Kellum

POLICE CHIEF

Barry Hale

**MUNICIPAL COURT
CLERK**

Stephanie Gerlach

**PLANNING & ZONING
ADMIN./BUILDING
DEPT.**

William Hall

PUBLIC WORKS

Chris Buckner

**CITY OF GLUCKSTADT
MISSISSIPPI**



**343 DISTRIBUTION DRIVE
GLUCKSTADT, MS 39110**

ALDERMEN

Miya Bates

Jayce Powell

Wesley Slay

John Taylor

Lisa Williams

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Barry Hale, Chief of Police

DATE: Thursday, December 07, 2023

SUBJECT: Requesting the Mayor and Board of Alderman approve the purchase of three (3) APX 1500 7/800 Mobile Control Stations from Motorola Solutions.

I am requesting the Mayor and Board of Alderman approve the purchase of three (3) APX 1500 Mobile Control Stations Enhanced for dispatch in the new building in the amount of \$10,033.65. The items are listed on state contract. Thank you for your consideration into this matter.

Sincerely,

Chief Barry Hale





GLUCKSTADT POLICE DEPT

11/14/2023

The design, technical, pricing, and other information ("Information") furnished with this submission is confidential proprietary information of Motorola Solutions, Inc. or the Motorola Solutions entity providing this quote ("Motorola") and is submitted with the restriction that it is to be used for evaluation purposes only. To the fullest extent allowed by applicable law, the Information is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the Information without the express written permission of Motorola. MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2020 Motorola Solutions, Inc. All rights reserved.



QUOTE-2417664

Billing Address:
 GLUCKSTADT POLICE DEPT
 343 DISTRIBUTION DR
 MADISON, MS 39110
 US

Quote Date:11/14/2023
 Expiration Date:01/13/2024
 Quote Created By:
 Brandon Ghee
 bghee@jacksoncom.com

End Customer:
 GLUCKSTADT POLICE DEPT

Contract: 21726 - MISSISSIPPI-MSWIN

| Line # | Item Number | Description | Qty | List Price | Sale Price | Ext. Sale Price |
|--------|--------------------|--|-----|------------|------------|-----------------|
| | APX™ 1500 Enhanced | APX 1500 7/800 MOBILE CONTROL STATION ENHANCED | 3 | | \$3,344.55 | \$10,033.65 |
| 1 | M36URS9PW1BN | APX1500 ENHANCED 7/800 MHZ MOBILE | 3 | \$1,932.32 | \$656.40 | \$1,969.20 |
| 1a | G24AX | ENH: 3 YEAR ESSENTIAL SVC | 3 | \$216.00 | \$216.00 | \$648.00 |
| 1b | GA01574AA | ENH: AES 256 SW ENCRYPTION | 3 | \$523.00 | \$444.55 | \$1,333.65 |
| 1c | QA01648AA | ADD: HW KEY SUPPLEMENTAL DATA | 3 | \$6.00 | \$5.10 | \$15.30 |
| 1d | W665BF | ADD: BASE STATION OP APX | 3 | \$77.00 | \$65.45 | \$196.35 |
| 1e | G91AF | ADD: CNTRL STATION PWR SUPPLY | 3 | \$296.00 | \$251.60 | \$754.80 |
| 1f | GA00235AA | ADD: NO GPS ANTENNA NEEDED APX | 3 | \$0.00 | \$0.00 | \$0.00 |
| 1g | G66BF | ADD: DASH MOUNT O2 APXM | 3 | \$138.00 | \$117.30 | \$351.90 |
| 1h | GA00580AA | ADD: TDMA OPERATION | 3 | \$495.00 | \$420.75 | \$1,262.25 |
| 1i | G142AD | ADD: NO SPEAKER APX | 3 | \$0.00 | \$0.00 | \$0.00 |
| 1j | GA00804AA | ADD: APX O2 CH (GREY) | 3 | \$541.00 | \$459.85 | \$1,379.55 |
| 1k | GA01339AA | ENH: SW P25 TRUNKING | 3 | \$1,177.00 | \$509.50 | \$1,528.50 |
| 1l | G444AH | ADD: APX CONTROL HEAD SOFTWARE | 3 | \$0.00 | \$0.00 | \$0.00 |



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.
 Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 - #: 36-1115800



QUOTE-2417664

| Line # | Item Number | Description | Qty | List Price | Sale Price | Ext. Sale Price |
|--------|-------------|------------------------------------|-----|------------|------------|-----------------|
| 1m | QA09113AB | ADD: BASELINE RELEASE SW | 3 | \$0.00 | \$0.00 | \$0.00 |
| 1n | W382AM | ADD: CONTROL STATION DESK GCAI MIC | 3 | \$186.00 | \$158.10 | \$474.30 |
| 1o | G174AD | ADD: ANT 3DB LOW-PROFILE 762-870 | 3 | \$47.00 | \$39.95 | \$119.85 |

Grand Total **\$10,033.65(USD)**

Notes:

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.

001



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc. : 500 West Monroe, United States - 60661 - #: 36-1115800

MAYOR

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**343 DISTRIBUTION DRIVE
GLUCKSTADT, MS 39110**

ALDERMEN

Miya Bates

Jayce Powell

Wesley Slay

John Taylor

Lisa Williams

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Barry Hale, Chief of Police

DATE: Thursday, December 07, 2023

SUBJECT: Requesting the Mayor and Board of Alderman approve the purchase of Motorola Consoles, Motorola Backup Radios, and dispatch recorder.

I am requesting the Mayor and Board of Alderman approve the purchase of Motorola consoles, Motorola backup radios for consoles, and dispatch recorder. Consoles and CAD are on state contract and two quotes for the recorder has been provided.

Sincerely,

Chief Barry Hale



E911 Dispatch Equipment/Systems Breakdown

Motorola Consoles (MSWIN Approved 12/7/23) State contract #3429 purchase- \$219,000.00.

Motorola CAD (Computer aided dispatch) State contract #3729 purchase -\$209,019.00
(Motorola Flex Suite contract)

Dispatch Recorder for dispatch (required) 2 quotes-\$16,200.00.

Backup radios for dispatch consoles State contract #3429 – 10,033.65

Total all equipment, installation, and services- \$454,252.65.

All purchases will be made with E911 funds from the county (city has received funds)-\$454,446.80.



Gluckstadt Police Department

Gluckstadt Console Solution

November 8th, 2023

The design, technical, and price information furnished with this proposal is proprietary information of Motorola Solutions, Inc. (Motorola). Such information is submitted with the restriction that it is to be used only for the evaluation of the proposal, and is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the proposal, without the express written permission of Motorola Solutions, Inc.

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Motorola Solutions, Inc.
500 W Monroe Street, Ste 4400
Chicago, IL 60661-3781
USA

Nov 9th ,2023

Mr. Kerry Minninger
Gluckstadt Police Dept
345 Distribution Dr.
Madison, MS 39110

Subject: Gluckstadt Dispatch consoles

Dear Mr Minninger,

Motorola Solutions, Inc. ("Motorola") is pleased to have the opportunity to provide Guckstadt Police Dept with quality communications equipment and services. The Motorola project team has taken great care to propose a solution that will meet your needs and provide unsurpassed value.

To best meet the functional and operational specifications of this solicitation, our solution includes a combination of hardware, software, and services. Specifically, this solution is for the MCC7500e dispatch console and provides:

- 2 MCC7500e consoles
- 6 Headset Jacks
- 2 Gooseneck Mics
- 2 Foot pedal switches

This proposal consists of this cover letter, system description and the equipment list. This proposal shall remain valid for a period of 90 days from the date of this cover letter. Gluckstadt Police Dept may accept the proposal by delivering to Motorola a signed purchase order. Alternatively, Motorola would be pleased to address any concerns Customer may have regarding the proposal. Any questions can be directed to your Motorola Account Executive, Kenny Jones, at 615-450-4777.

We thank you for the opportunity to furnish Gluckstadt Police Dept with "best in class" solutions and we hope to strengthen our relationship by implementing this project. Our goal is to provide you with the best products and services available in the communications industry.

Sincerely,

Motorola Solutions, Inc.

A handwritten signature in black ink, appearing to read 'Sean Ericksen'.

Sean Ericksen
Area Sales Manager

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Section 1

System Description

DISPATCH SYSTEM OVERVIEW

In response to the Gluckstadt Police Department's request, Motorola Solutions, Inc. (Motorola Solutions) is proposing a two (2)-position MCC 7500E dispatch console system. The two (2) MCC 7500E dispatch positions will allow Gluckstadt Police Department to dispatch on the Mississippi Wireless Information Network (MSWIN) system. The new dispatch consoles and associated network equipment will be added to an unconfirmed location but Motorola Solutions has included all the necessary equipment to add the MCC 7500E consoles as a new dispatch site.

Additionally, a backup control station system has been included to provide the new MCC7500E consoles a secondary means of communication on the MSWIN system. The control station will connect to the new MCC7500E consoles through a Conventional Channel Gateway (CCGW). The CCGW resides on the same LAN as the MCC 7500E dispatch positions and the conventional site controller (CSC). In the event the MCC 7500E dispatch positions lose wireline connectivity with the zone core, the CSC allows a dispatcher to control and monitor analog conventional resources over the LAN and interact with trunked talkgroups on the MSWIN system, as well as other local radio resources that are programmed into the consolettes.

All required licensing is included for adding the MCC 7500E dispatch console systems to MSWIN.

JacksonComm will be responsible for the installation of the equipment. Motorola Solutions will work with JacksonComm to configure and deploy the equipment.

DISPATCH SITE EQUIPMENT OVERVIEW

The following hardware is being proposed for Gluckstadt Police Department's MCC 7500E dispatch console systems:

- Two (2) MCC 7500E Dispatch Console positions
- Two (2) Command Central Hub Consoles
- Two (2) Gooseneck Microphones
- Two (2) Single Pedal Footswitches
- Six (6) Headset Jacks
 - Two (2) 24" Non-Touchscreen Display Monitors
 - Nine (9) USB Desktop Speakers
 - Selected Audio
 - Unselected Audio
 - Instant Recall Recorder (IRR) Audio – includes external sound card
 - MCC 7500E Application Software
 - Antivirus and Full Hardening Software
 - 160 Radio Resource Capacity License
 - One (1) External USB DVD Drive

The MCC 7500E dispatch positions support commercially available accessories, including a microphone, headset, and footswitch as shown in Figure 1-1.

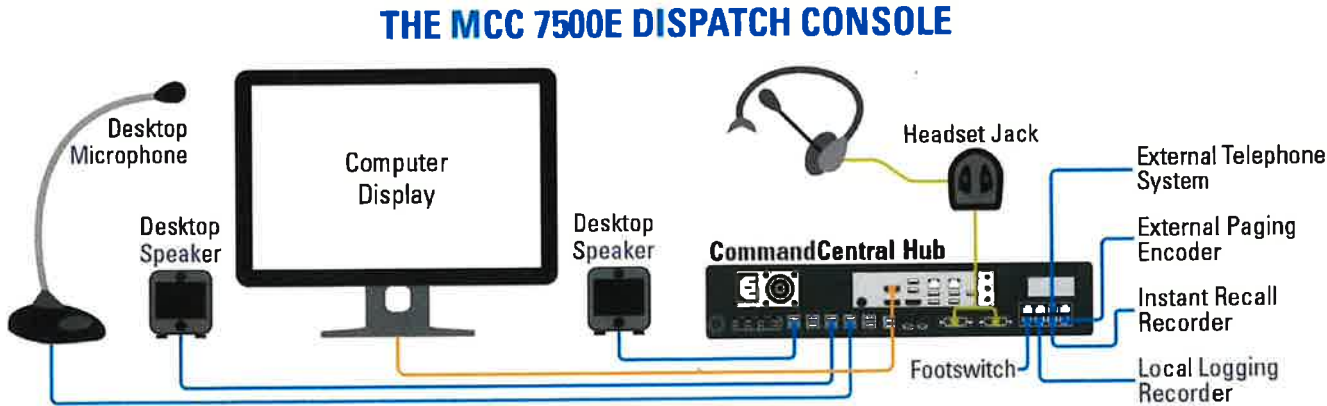


Figure 1-1: MCC 7500E Dispatch Console Position Components

Section 2

Dispatch Statement of Work

Motorola is proposing to Gluckstadt Police Department the installation and configuration of the following equipment at the specified locations.

| Site Name | Major Equipment |
|------------------------------|---|
| Gluckstadt Police Department | Installation of Two (2) MCC7500E consoles and necessary equipment |

The document delineates the general responsibilities between Motorola and Gluckstadt PD as agreed to by contract.

Motorola Responsibilities

Motorola’s general responsibilities include the following:

- Perform the installation of the Motorola-supplied equipment described above.
- Schedule the implementation in agreement with Gluckstadt PD.
- Coordinate the activities of all Motorola subcontractors under this contract.
- Administer safe work procedures for installation.
- Provide Gluckstadt PD with the appropriate system interconnect specifications.

Gluckstadt Police Department Responsibilities

Gluckstadt PD will assume responsibility for the installation and performance of all other equipment and work necessary for completion of this project that is not provided by Motorola. General responsibilities for Gluckstadt PD include the following:

- Provide all buildings, equipment shelters, and towers required for system installation.
- Ensure communications sites meet space, grounding, power, and connectivity requirements for the installation of all equipment.
- Obtain all licensing, site access, or permitting required for project implementation.
- Obtain frequencies for project as required.
- Provide required system interconnections.
- Gluckstadt PD will provide a dedicated delivery point, such as a warehouse, for receipt, inventory, and storage of equipment prior to delivery to the site(s).
- Coordinate the activities of all Gluckstadt PD vendors or other contractors.

Assumptions

Motorola has made several assumptions in preparing this proposal, which are noted below. In order to provide a firm quote, Motorola will need to verify all assumptions or seek alternate solutions in the case of invalid assumptions.

- All existing sites or equipment locations will have sufficient space available for the system described as required/specified by R56.
- All existing sites or equipment locations will have adequate electrical power in the proper phase and voltage, and site grounding to support the requirements of the system described.
- All existing towers will have adequate space and size to support the antenna network requirements of the system described.
- Any site/location upgrades or modifications are the responsibility of Gluckstadt PD.
- Any tower stress analysis or tower upgrade requirements are the responsibility of Gluckstadt PD.
- Approved FCC licensing provided by Gluckstadt PD.
- Approved local, State, or Federal permits as may be required for the installation and operation of the proposed equipment are the responsibility of Gluckstadt PD.
- Any required system interconnections not specifically outlined here will be provided by Gluckstadt PD. These may include dedicated phone circuits, microwave links, or other types of connectivity.
- No coverage guarantee is included in this proposal.
- Motorola is not responsible for interference caused or received by the Motorola-provided equipment except for interference that is directly caused by the Motorola-provided transmitter(s) to the Motorola-provided receiver(s). Should the Gluckstadt Police Department's system experience interference, Motorola can be contracted to investigate the source and recommend solutions to mitigate the issue.
- The proposed control stations will utilize new antenna and transmission line. These items will be quoted by the shop.
- Gluckstadt PD will be responsible for providing backhaul connectivity to MSWIN's zone core.
- Gluckstadt PD will be responsible for providing the dispatch console furniture as no existing furniture will be used for the new console positions and no new furniture is included in this proposal.
- Environmental conditions (heating, cooling, humidity, etc.) inside the dispatch site's equipment room must meet Motorola Solutions' requirements and equipment specifications.
- There is sufficient space, power, grounding, backup power, and receptacles to support the new positions as required by Motorola Solutions' R56 standards. There is no grounding, electrical work, or furniture included in this proposal.

Section 3

Service/Warranty

Overview

Motorola Solutions is proposing our Advanced Plus Services for ASTRO® 25 infrastructure, a comprehensive program to sustain the long-term performance of Gluckstadt Police Department’s network. Advanced Plus Services consists of the following elements:

- Network Event Monitoring.
- Remote Technical Support.
- Network Hardware Repair.
- Network Hardware Repair with Advanced Replacement.
- Remote Security Update Service (RSUS).
- On-site Infrastructure Response.
- Annual Preventive Maintenance.
- Network Updates.
- Security Monitoring.
- Microwave and MPLS Tested Vendor Product Monitoring.

Together, these elements will help to avoid operational disruptions and maintain the value of Gluckstadt Police Department’s communications investment.

Section 4

Pricing Summary

Dispatch Equipment and Services

| Description | Price (\$) |
|--|-------------------|
| Equipment | \$ 146,223 |
| Implementation Services | \$ 142,719 |
| Subtotal | \$ 288,942 |
| <i>Mississippi State Contract Discount</i> | \$ - (39,225) |
| State Contract Price | 249,717 |
| Discount With Purchase of FLEX CAD Solution | \$ - (30,717) |
| TOTAL | \$ 219,000 |

This proposal is subject to the terms and conditions of Motorola Solutions' Mississippi State Contract and this pricing is valid through Feb 9th, 2024.

Payment Milestones

Except for a payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Customer will make payments when due in the form of a check, cashier's check, or wire transfer drawn on a U.S. financial institution. If Customer has purchased additional Professional or Subscription services, payment will be in accordance with the applicable addenda. Payment for the System purchase will be in accordance with the following milestones.

System Purchase (excluding Subscribers, if applicable)

1. 25% of the System Price due upon contract execution (due upon effective date);
2. 60% of the System Price due upon shipment of equipment;
3. 10% of the System Price due upon installation of equipment; and
4. 5% of the System Price due upon Final Acceptance.

If Subscribers are purchased, 100% of the Subscriber Contract Price will be invoiced upon shipment (as shipped).

Motorola reserves the right to make partial shipments of equipment and to invoice upon shipment of such equipment. In addition, Motorola reserves the right to invoice for installations completed on a site-by-site basis, when applicable. The value of the equipment shipped/services performed will be determined by the value shipped/services performed as a percentage of the total milestone value. Unless otherwise specified, contract discounts are based upon all items proposed and overall system package. For invoicing purposes only, discounts will be applied proportionately to the FNE and Subscriber equipment values to total contract price.

**For Lifecycle Support Plan and Subscription Based Services:
Motorola will invoice Customer annually in advance of each year of the plan**

Gluckstadt Police Department
Dispatch Center Solution

Pricing Summary



Use or disclosure of this proposal is subject to the restrictions on the cover page.
Motorola Solutions
FGM21PC12345
Page 10



Jackson Communications, Inc.
 309 Airport Rd Ste A
 Pearl, MS 39208
 6019327030

Quote

| | |
|------------|-------------|
| Date | Quote # |
| 11/14/2023 | 060418-6443 |

| |
|---|
| Name / Address |
| GLUCKSTADT POLICE DEPT. WENDELL WATTS 343 DISTRIBUTION DR MADISON MS 39110 |

| |
|---------|
| Ship To |
| |

| | |
|----------|-----|
| P.O. No. | Rep |
| | BRG |

| Qty | Item | Description | Price | Total |
|-----|--------|-----------------------------|-----------|-----------|
| 1 | PARTS | EVENTIDE RECORDER 8 CHANNEL | 15,000.00 | 15,000.00 |
| 8 | 1 TECH | 1 TECH LABOR | 150.00 | 1,200.00 |

| | |
|-------------------------|-------------|
| Sales Tax (7.0%) | \$0.00 |
| Total | \$16,200.00 |

QUOTES VALID FOR (90) DAYS



CES Team One Communications, Inc.

3360 Key Street * Mobile, AL 36609 * Main Number (251) 343-2560



MOTOROLA SOLUTIONS

Radio Solutions Channel Partner

Bill to:

GLUCKSTADT POLICE
343 DISTRIBUTION DRIVE
MADISON, MS 39110

Quote Information:

Quote Number:
Quote Date: 11/17/2023
Account Number:
Account Manager: STEPHENIE SHIRLEY - (251) 421-7271

Ship to:

CES TEAM ONE COMMUNICATIONS
1777 OLD MOBILE HWY
PASCAGOULA, MS

Contact Information:

Contact: WENDELL WATTS
Phone No:
Email:

Description of Quote: LOGGING RECORDER QUOTE

| Qty | Model Number | EQUIPMENT DESCRIPTION | Your Price | Extended |
|---------------|--------------|---------------------------------|------------------|------------------|
| 1 | SVC | 8 CHANNEL EVENTIDE LOGGER QUOTE | 15,995.00 | 15,995.00 |
| 1 | SVC | INSTALLATION / CONFIGURATION | 1,495.00 | 1,495.00 |
| Total: | | | 17,490.00 | 17,490.00 |

As an authorized representative of the aforementioned organization, the undersigned agrees to pay service charges at the rate of 1.5% per month (18%) per year on all accounts past due. The undersigned also agrees that in the event that any delinquent account is turned over to a collection agency and/or attorney for collection, that he/she is liable for and will pay, all reasonable costs incurred by CES/Team One Communications, and/or their authorized agents, in the collection of any such delinquent account, including but not limited to payment of reasonable attorney fees and court costs. The undersigned certifies that to the best of his/her knowledge, the above information is true and correct. It is understood and agreed that any checks returned to us for non-payment shall be charged a non-sufficient funds (NSF) check fee, and the maximum allowable interest by law charged from the date of the check. Customer checks returned as NSF will result in the associated account being placed on COD Cash Only basis. There is a 20% restocking fee on all returned items.

Customer Signature: _____ Date: _____

This Quote is Valid for 30 Days