



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

Tuesday, May 14, 2024 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, May 14, 2024, 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. **Call Meeting to Order and Roll Call**
2. **Opening Prayer and Pledge of Allegiance**
3. **Presented Items**
 - A) Consideration of Adoption of Resolution, Declaring May 13-17th Law Enforcement Appreciation Week (Alderman Powell)
 - B) Consideration of Adoption of Resolution, Declaring May 19th - 25th Public Works Appreciation Week (Alderman Bates)
 - C) Consideration of Adoption of Resolution, Declaring May Bicycle Safety Month (Alderman Powell)
 - D) Consideration of Adoption of Resolution Declaring May 13-19, 2024 as National Salvation Army Week (Mayor Morrison)
 - E) Consideration of Adoption of Resolution, Go Gray in May for Brain Cancer Awareness (Mayor Morrison)
 - F) Recognition of Germantown Middle School Winterguard, 1st Place Win - Mississippi Indoor Association State Championship (Alderman Powell)
 - G) Recognition of Germantown High School Indoor Percussion, 1st Place Win - Mississippi Indoor Association State Championship (Alderman Powell)
 - H) Recognition of Germantown High School Winterguard, 2nd Place Win - Mississippi Indoor Association State Championship (Alderman Powell)

- I) Consideration of Adoption of Resolution, Recognition of Germantown High School Robotics Team, World Championship (Alderwoman Williams)
- J) Recognition of Chloe Carter, Miss City of Gluckstadt (Alderman Powell)

4. **Approval of Consent Agenda Items**

- A) Approval of April 9, 2024 and April 24, 2024 Meeting Minutes
- B) Approval of Monthly Claims Docket
- C) Request for Approval for Officer Eric Huff to Attend HITS K-9 Training Seminar (New Orleans, LA) & Reimbursement of Related Travel Expenses
- D) Request for Approval for Assistant Chief Jeremy Slaven to Attend Glock Armorer's Course (Desoto County Sheriff's Office) & Reimbursement of Related Travel Expenses
- E) Request for Approval for Chief Barry Hale to Attend FBI-LEEDA Class SLI (Oxford, MS) & Reimbursement of Related Travel Expenses
- F) Request for Approval for Chief Barry Hale to Attend National Command College in Quantico, Virginia & Reimbursement of Related Travel Expenses
- G) Request for Approval for Officer Felix Norwood to Attend Patrol Negotiation De-Escalation Class (MLEOTA) & Reimbursement of Related Travel Expenses
- H) Special Circumstance Purchase for Gluckstadt Rd and Catlett Rd Traffic Controller
- I) Approval of First Colony Street Lighting Request
- J) Requesting Approval to Purchase One Full Matrix Radar Speed Sign Yellow with Solar Kit for Gluckstadt Road
- K) Consideration of Waiving Food Truck Zoning Fee and Transient Vendor Fee for Special One Day Event (5K Benefitting Reshma's Home, 5/18/24)
- L) Approval to Deposit SABC Flexible Spending Funds (\$975) into Flex Account (Prefunded Annually), New Employee Joined

5. **Monthly Budget Report**

- A) Monthly Budget Report(s)
- B) Consideration and Approval of Budget Amendment, FY24
- C) Monthly Bank Reconciliations (Various City Accounts)

6. **New Business**

- A) Discussion and Consideration of Text Amendments to Adopted Zoning Ordinance (Certain Sections)

- [B\)](#) Consideration and Approval of Food Truck Ordinance
- [C\)](#) Consideration and Approval of Amendment to Special Events Ordinance (Addressing Food Trucks)

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

- [A\)](#) General Update, City Administration
- [B\)](#) Monthly Privilege License Update (Deputy City Clerk)
- [C\)](#) Consideration of Correction to November 14, 2023 Meeting Minutes (Germantown Park)
- [D\)](#) Consideration of Gluckstadt Flag Design (MML Parade of Flags)
- [E\)](#) Consideration of Request for Industrial Exemption, Westlake
- [F\)](#) Consideration of Request for Freeport Ad Valorem Exemption, Sanhua

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

- [A\)](#) General Updates, Grant Administration

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

- [A\)](#) General Update, Planning and Zoning/Building Department
- [B\)](#) Discussion and Consideration of Mac Haik Conditional Use
- [C\)](#) Discussion and Consideration of Mac Haik Site Plan
- [D\)](#) Discussion and Consideration of Maverick Services Conditional Use
- [E\)](#) Discussion and Consideration of Gluckstadt Retail Center Site Plan
- [F\)](#) Discussion and Consideration of Candlewood Suites Variance Request
- [G\)](#) Discussion and Consideration of Candlewood Suites Site Plan

10. Public Works Department (Chris Buckner)

- [A\)](#) Request for Approval of CINTAS Uniform Contract
- [B\)](#) Request for Approval, Germantown Retail/Calhoun Station Parkway Drainage Materials

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

- [A\)](#) General Update, Police Department
- [B\)](#) Consideration and Approval of Award of Access Control and Security Cameras Bid to United Automation and Designation of Lowest and Best Bid, New Police Department

- C) Requesting Approval to Purchase Dispatch Furniture, New Police Department
- D) Requesting Approval for Work Order for Cspire Phone System & Internet, New Police Department
- E) Request for Approval, Change Order #4, Gluckstadt Police Department Capital Construction Project
- F) Request for Approval to Enter MOU with Department of Public Safety, Office of Homeland Security, Mississippi Cyber Unit

12. Public Comment

13. Closed Session to Determine Need for Executive Session

14. 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]

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI PROCLAIMING THE WEEK OF MAY 13TH THROUGH MAY 17TH, 2024 AS LAW ENFORCEMENT APPRECIATION WEEK IN THE CITY OF GLUCKSTADT

WHEREAS, citizens of the City of Gluckstadt, Mississippi, are extremely indebted to the committed, well-trained, hard-working members of the Gluckstadt Police Department and the Madison County Sheriff’s Office; and,

WHEREAS, as part of the celebration and commemoration of the outstanding work of the Gluckstadt Police Department and the Sheriff’s Department, the Mayor and Board of Aldermen, as well as the citizens of the City of Gluckstadt, wish to commend and thank its well-trained, loyal force for its commitment to the City of Gluckstadt and Madison County, and its further commitment to providing a safe and secure community in which to live.

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 declares the week of May 13th thru May 17th, 2024, as "Law Enforcement Appreciation Week" for the City of Gluckstadt, Mississippi; and calls upon its residents to recognize and participate in this special observance and honor of our law enforcement officials.

SO RESOLVED this the ____ day of _____, 2024. 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 _____, 2024.

WALTER C. MORRISON, IV.
MAYOR, CITY OF GLUCKSTADT

ATTEST:

LINDSAY KELLUM
CITY CLERK

[Seal]

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI PROCLAIMING THE WEEK OF MAY 19TH THROUGH MAY 25TH, 2024 AS NATIONAL PUBLIC WORKS APPRECIATION WEEK IN THE CITY OF GLUCKSTADT

WHEREAS, public works professionals focus on infrastructure and services that are of vital importance to sustainable and resilient communities and to the public health, high quality of life, and well-being of the people of the City of Gluckstadt, Mississippi; and,

WHEREAS, these infrastructure, facilities, and services could not be provided without the dedicated efforts of public works professionals, who are engineers, managers, and employees at all levels of government and the private sector, who are responsible for rebuilding, improving, and protecting our nation’s transportation, water supply, water treatment and solid waste systems, public buildings, and other structures and facilities essential for our citizens; and,

WHEREAS, year 2024 marks the 64th annual National Public Works Week sponsored by the American Public Works Association with the official motto of “Advancing Quality of Life For All”,

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 declares the week of May 19th thru May 25th, 2024, as "National Public Works Week" for the City of Gluckstadt, Mississippi; and calls upon its residents to recognize and acknowledge our public works professionals, engineers, managers, and employees and to recognize the substantial contributions they make in protecting our national health, safety, and advancing quality of life for all.

SO RESOLVED this the ___ day of _____, 2024. 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 _____, 2024.

WALTER C. MORRISON, IV.
MAYOR, CITY OF GLUCKSTADT

ATTEST:

LINDSAY KELLUM
CITY CLERK

[SEAL]

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI DESIGNATING THE MONTH OF MAY AS BICYCLE SAFETY MONTH

WHEREAS, the bicycle is a viable and environmentally sound form of transportation, and an excellent form of recreation; and

WHEREAS, millions of Americans will experience the joys of bicycling during the month of May through individual and group rides and commuting events; and

WHEREAS, Americans in record numbers are turning to bicycling for transportation, recreation, and exercise; and

WHEREAS, bicycling will enhance your physical health, improve your mental outlook and overall quality of life; and

WHEREAS, the keys to bicycle safety are the education and cooperative understanding of properly sharing the road with motorists and vehicles, traffic handling skills, communication between cyclists and motorists, obeying traffic laws and the rules of the road; and

WHEREAS, bicyclists of all ages throughout the City of Gluckstadt, the State of Mississippi and the nation will be promoting bicycling as an environmentally friendly alternative to the automobile and a wholesome leisurely activity during the month of May.

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 declares the month of May Bicycle Safety Month and urges all residents, as motorists or bicyclists, to respect cycling and encourage safety throughout our community. Bicycling has a wide range of benefits for the cyclists as well as the community-at-large, including saving money and time, reducing traffic, and improving health and fitness.

SO RESOLVED this the ____ day of _____, 2024. 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 _____, 2024.

WALTER C. MORRISON, IV.
MAYOR, CITY OF GLUCKSTADT

ATTEST:

LINDSAY KELLUM
CITY CLERK

[Seal]

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI PROCLAIMING THE WEEK OF MAY 13TH THROUGH MAY 19TH, 2024 AS NATIONAL SALVATION ARMY WEEK IN THE CITY OF GLUCKSTADT

WHEREAS, The Salvation Army has been serving the people of Gluckstadt physically, emotionally, and spiritually; and

WHEREAS, The Salvation Army is present wherever the need is greatest, especially during times of crisis, where vulnerable citizens are more at risk of becoming homeless, hungry, addicted, or spiritually tired; and

WHEREAS, The Salvation Army invites the people of Gluckstadt to "Love Beyond" and help the organization continue to provide life-changing aid by giving to those who need it most; and

WHEREAS, it is fitting and proper on Salvation Army Week to recognize the tremendous impact of philanthropy, volunteerism, and community service in the City of Gluckstadt; and

WHEREAS, The National Salvation Army Week is an opportunity to encourage citizens to serve others with their resources and time during the difficult periods of life many of are experiencing.

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

1. The Mayor and Board of Aldermen of the City of Gluckstadt do hereby proclaim May 13-19, 2024, as National Salvation Army Week in the City of Gluckstadt and encourage all citizens to join together to give back to the community in any personally meaningful way.

SO RESOLVED this the ____ day of _____, 2024. 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:

Alderswoman 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
Alderswoman Lisa H. Williams voted:	Aye/Nay

The Mayor thereupon declared the motion carried and the Resolution adopted this the ____ day of _____, 2024.

WALTER C. MORRISON, IV.
MAYOR, CITY OF GLUCKSTADT

ATTEST:

LINDSAY KELLUM
CITY CLERK

[Seal]

**RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY
OF GLUCKSTADT, MISSISSIPPI DESIGNATING MAY 2024, AS
“GO GRAY IN MAY” BRAIN CANCER AWARENESS MONTH**

WHEREAS, the city of Gluckstadt, MS shares a critical concern for patients diagnosed with Brain Cancer and a desire to spread awareness of their needs for diagnosis, medical care, healing, and research to find additional, targeted, and effective treatments; and

WHEREAS, Brain Cancer affects both women and men of every age, race, religion, culture, and status – people in poverty and those of affluence without discrimination. Of these the National Cancer Institute estimates that approximately 15,000 people are diagnosed with Glioblastoma Multiforme, (GBM) each year, the most lethal form of Brain Cancer, and the majority of these will be given a fatal prognosis of 12-15 months with an intensive and debilitating treatment regimen. It is estimated by the National Brain Tumor Society that over 1 million Americans are currently living with a brain tumor, many of which go undiagnosed or misdiagnosed; and,

WHEREAS, Brain Cancer attacks the physical, mental, financial sustainability, quality, and quantity of life of patients, families, friends, and community, in the form of mental and physical ability, emotional challenges, economic devastation, and unknown factors (for a lack of specific and understandable information) and ultimately death; and,

WHEREAS, accurate Brain Cancer diagnosis is the key for access to professional assistance, a sustainable treatment plan, information for caretakers and family, and a community that understands the unique challenges of each patients individual symptoms, mental and physical changes, and challenges; and,

WHEREAS, in 2023 the Glioblastoma Support Network provided focused resources and emotional support through an informative website, private and public chat groups, a YouTube Channel with personal experiences, and general supportive emotional care to the patients, family, friends, coworkers, and caregivers, on multiple platforms to share experiences with like situations, Caregiver Kits and Bereavement Kits to friends and family members, as well as planning documents; and

WHEREAS, various nonprofit agencies, advocates, professionals, volunteers, and community members concerned with Brain Cancer Awareness will devote the month of May to raising public awareness of the crisis of Brain Cancer, its causes, effects, quality and quantity of life options, AWARENESS, TREATMENT and RESEARCH;

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 hereby designates May 2024, as “Go Gray in May” for Brain Cancer Awareness Month and affirm our commitment to assisting to create a higher quality of life for citizens affected directly with a diagnosis, in

addition to their families, friends, coworkers and community with the awareness of the devastating life changes that follow a diagnosis.

SO RESOLVED this the _____ day of _____, 2024. 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 _____, 2024.

Walter C. Morrison, IV,
MAYOR

ATTEST:

Lindsay Kellum,
CITY CLERK

**RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN
OF THE CITY OF GLUCKSTADT, MISSISSIPPI RECOGNIZING
THE GERMANTOWN MIDDLE SCHOOL WINTERGUARD ON
WINNING THE MIA STATE CHAMPIONSHIP**

WHEREAS, the Germantown Middle School Winterguard recently competed in the MIA State Championship; and

WHEREAS, the Germantown Middle School Winterguard competed in the Scholastic Novice Division against other schools from across Mississippi and finished in first place with a score of 87.94; and

WHEREAS, the Germantown Middle School Winterguard finished the season undefeated while competing as a middle school in a predominantly high school division;

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 the Germantown Middle School Winterguard, Director Carrie Swindoll, and Choreographer Ethan Marcus on winning the MIA State Championship and finishing the season undefeated.

SO RESOLVED this the ____ day of May 2024. 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 May 2024.

Walter C. Morrison, IV,
MAYOR

ATTEST:

Lindsay Kellum,
CITY CLERK

**RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN
OF THE CITY OF GLUCKSTADT, MISSISSIPPI RECOGNIZING
THE GERMANTOWN INDOOR PERCUSSION ON
WINNING THE MIA STATE CHAMPIONSHIP**

WHEREAS, the Germantown Indoor Percussion recently competed in the MIA State Championship; and

WHEREAS, the Germantown Indoor Percussion competed in the Scholastic Open Class against other schools from across Mississippi and finished in first place with a score of 88.2; and

WHEREAS, the Germantown Indoor Percussion began their season in the Scholastic A Division and was promoted to the Scholastic Open Division prior to the state championship, remaining undefeated throughout the entire season;

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 the Germantown Indoor Percussion on making program history and winning the MIA State Championship and finishing the season undefeated.
2. The City of Gluckstadt also wishes to recognize and congratulate the percussion staff: Ryan Saul, Josh Craft, Kyle Moore, TJ Salsberg, Tony Lymon, Kaytlin Manasco, Emily Breedlove, Andrew Hunkler, Jacob Hutcherson, and Ethan Marcus for their hard work and dedication to the Germantown Indoor Percussion.

SO RESOLVED this the ____ day of May 2024. 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 May 2024.

Walter C. Morrison, IV,
MAYOR

ATTEST:

Lindsay Kellum,
CITY CLERK

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI RECOGNIZING THE GERMANTOWN HIGH SCHOOL WINTERGUARD ON FINISHING SECOND AT THE MIA STATE CHAMPIONSHIP

WHEREAS, the Germantown High School Winterguard recently competed in the MIA State Championship; and

WHEREAS, the Germantown High School Winterguard competed in the Scholastic A Division against other schools from across Mississippi and finished in second place with a score of 84.35; and

WHEREAS, by finishing second, the Germantown High School Winterguard qualified to compete at the WGI World Championship in Dayton, Ohio;

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 the Germantown High School Winterguard on finishing second at the MIA State Championship and qualifying for the WGI World Championships.
2. The City of Gluckstadt also wishes to recognize and congratulate the winterguard staff: Directors Allison Taylor Craft and Ethan Maruc, Choreographer Ethan Marcus, and Show Designers Rosie Queen and Leon May, for their hard work and dedication to the Germantown High School Winterguard.

SO RESOLVED this the ____ day of May 2024. 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 May 2024.

Walter C. Morrison, IV,
MAYOR

ATTEST:

Lindsay Kellum,
CITY CLERK

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI RECOGNIZING THE GERMANTOWN HIGH SCHOOL ROBOTICS TEAM ON EARNING THE SPORTSMANSHIP AWARD AT THE VEX ROBOTICS WORLD CHAMPIONSHIP IN THE HIGH SCHOOL DIVISION

WHEREAS, the Germantown High School Robotics Team, Team Vexecution, coached by Jeff Knight and Trey Petro, with local Madison County School Sponsor Jennifer Richardson and Germantown High School Sponsor Vicki Parks, competed at the 2024 VEX Robotics World Championship in Dallas, Texas; and

WHEREAS, Emiliano Valdez, Ethan Knight, and Crosby Petro, the members of Team Vexecution, won the Sportsmanship Award at the 2024 VEX Robotics World Championship, which recognizes the team that shows a high degree of good sportsmanship helpfulness, respect, and a positive attitude both on and off the competition field; and

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 the members of Team Vexecution on competing and winning the Sportsmanship Award at the 2024 VEX Robotics World Championship.

SO RESOLVED this the ____ day of May 2024. 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 May 2024.

Walter C. Morrison, IV,
MAYOR

ATTEST:

Lindsay Kellum,
CITY CLERK

RESOLUTION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI RECOGNIZING CHLOE CARTER ON BEING CROWNED MISS CITY OF GLUCKSTADT

WHEREAS, Chloe Carter is a native of Gluckstadt, Mississippi and a 2019 graduate of Germantown High School; and

WHEREAS, Chloe was crowned Miss City of Gluckstadt 2024 and will represent the City of Gluckstadt at the Miss Mississippi Pageant in November; and

WHEREAS, Chloe’s platform is the Childrens Miracle Network Hospitals, and she plans to expand her platform to include Anti-Human Sex Trafficking and The Dangers of Drinking and Driving;

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 Chloe Carter on being crowned Miss City of Gluckstadt.

SO RESOLVED this the ____ day of May 2024. 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 May 2024.

Walter C. Morrison, IV,
MAYOR

ATTEST:

Lindsay Kellum,
CITY CLERK



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

Tuesday, April 09, 2024, at 6:00 PM

Minutes

1) Call Meeting to Order and Roll Call

The Mayor called the April 9, 2024, 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 (via telephone).

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, Grant Administrator Ruth Stogner, 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) Presentation: Officer of the Quarter, Officer Joseph Mullins

The Chief of Police, Barry Hale, presented the Officer of the Quarter Award to Officer Joseph Mullins. The Mayor congratulated Officer Mullins and thanked him for his work on behalf of the City of Gluckstadt.

No action taken.

The Mayor then amended the agenda to add the below item at the request of Chris Buckner, Public Works Director.

B) Keep Mississippi Beautiful Membership, City of Gluckstadt

Mr. Buckner introduced representatives with Keep Mississippi Beautiful, Sarah Kantouris and Jan Richardson. Ms. Kantouris explained the application process for the City of Gluckstadt to join and the benefits membership entails.

Mr. Buckner has the application and will work on getting it filled out for the Mayor's signature, as well as forming a committee, to bring back before the board for approval at a future meeting.

No action taken.

4) Approval of Consent Agenda Items

- A) Approval of March 12, 2024, Meeting Minutes**
- B) Approval of Monthly Claims Docket**
- C) Requesting Approval to Purchase a Cspire Cellular Phone to Assist with Narcotics Investigations**
- D) Request for Approval of Travel and Training Reimbursements for 2024 MACP Summer Educational Conference (Chief Hale and Assistant Chief Slaven)**
- E) Request for Approval of Travel and Training Reimbursements for Mississippi Command College (Sgt. David Potvin and Sgt. Kyrie Lucas)**
- F) Request for Approval of Travel and Training Reimbursements for Active Shooter Training (Officer Duane Montgomery)**
- G) Asphalt Term Bid Attachment Error, Board Notification**
- H) Request for Approval for Travel and Training Reimbursement for SWAT Team Leader Course (Assistant Chief Slaven and Lt. Tucker)**

The Mayor amended the consent agenda (Exhibit "B") to add the below item at the request of Chief Hale.

- I) Request for Approval for Travel and Training Reimbursement for SWAT Team Leader Course (Assistant Chief Slaven and Lt. Tucker)**

The Mayor requested a motion to approve the consent agenda as amended, with the addition of the above training and travel item, as well as four (4) late additions to the claims docket (explanatory memo included in exhibit to minutes).

A motion to approve the consent agenda, as amended, was made by Alderman Slay, and the motion was seconded by Alderman Taylor.

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

The Mayor declared the motion carried.

5) Monthly Budget Report

- A) Monthly Budget Report(s)**

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

No action taken.

B) Monthly Bank Reconciliations, Various City Accounts

The City Clerk provided bank reconciliations for all city accounts to the Mayor and Board of Aldermen. (Exhibit "D").

No action taken.

6) Grant Administrator, Grant Status Updates (Ruth Marie Stogner)

A) Consideration of Homeland Security Grant 23LE4505B, Approval of Modification

The Grant Administrator, Ruth Marie Stogner, updated the Mayor and Board of Aldermen on recent matters related to grants. She then requested the Mayor and Board of Aldermen approve the Modification to the Homeland Security Grant (23LE4505B) (Exhibit "E"); the grant modifications were approved by Department of Homeland Security in March 2024.

Alderman Powell made a motion to approve the modifications to the Homeland Security Grant (23LE4505B), and the motion was seconded by Alderwoman Bates.

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

The Mayor declared the motion carried.

7) New Business

A) Request for Approval, Change Order #2(A), Gluckstadt Police Department Capital Construction Project

Chief Hale explained the below change order request to the Mayor and Board of Aldermen for the new Police Department and Municipal Court and asked for their approval. (Exhibit "F").

Alderman Slay made a motion to approve Change Order #2(A) for the Gluckstadt Police Department & Municipal Court Capital Construction Project, and the motion was seconded by Alderman Powell.

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

The Mayor declared the motion carried.

B) Request for Approval, Change Order #2(B), Gluckstadt Police Department Capital Construction Project

Chief Hale explained the below change order request to the Mayor and Board of Aldermen for the new Police Department and Municipal Court and asked for their approval. (Exhibit "G").

Alderman Slay made a motion to approve Change Order #2(B) for the Gluckstadt Police Department & Municipal Court Capital Construction Project, and the motion was seconded by Alderwoman Bates.

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

The Mayor declared the motion carried.

C) Request for Approval, Change Order #3, Gluckstadt Police Department Capital Construction Project (Court Services)

Chief Hale explained the below change order request to the Mayor and Board of Aldermen for the new Police Department and Municipal Court and asked for their approval. (Exhibit "H").

Alderman Powell made a motion to approve Change Order #3 for the Gluckstadt Police Department & Municipal Court Capital Construction Project., and the motion was seconded by Alderman Slay.

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

The Mayor declared the motion carried.

8) Old Business

A) Discussion of Freeport and Industrial Tax Exemptions (Alderman Slay)

Alderman Slay led the discussion on Freeport and Industrial Tax Exemptions and explained his thorough research on the subject, along with Alderwoman Bates, Ms. Kellum and Mr. Maugh. Additionally, he answered questions and concerns of fellow board members.

Alderman Slay made a motion to require freeport warehouse industries located in the City of Gluckstadt to come back before the board to apply for exemptions by March 1st, 2025, and must follow the process in the city's adopted resolution and come before the Board individually, filling out the proper applications and submitting all necessary paperwork for the Board of Aldermen to make a sound determination; the deadline of March 1, 2025 will be fixed ahead of the 2025 tax roll preparation for the Madison County Tax Assessor and notice will be sent via certified letter to qualifying industries from the City Clerks Office in advance. The motion was seconded by Alderwoman Bates.

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

The Mayor declared the motion carried.

9) City Clerk, City Administration Matters (Lindsay Kellum)

A) General Update, City Administration

The City Clerk updated the Mayor and Board of Aldermen on City Administration matters.

No action taken.

B) Monthly Privilege License Update (Deputy City Clerk)

The Deputy City Clerk updated the Mayor and Board of Aldermen on monthly privilege license collections. (Exhibit "I").

Alderwoman Williams asked Mr. Maugh to be in contact with Mississippi Department of Revenue to find out if any businesses that were found not to be paying taxes previously, but have been found to have been in business, how the back taxes would be collected and remitted to the city. She is requesting an update in May.

No action taken.

C) Request to Implement Compensatory Time Policy, City Employee Handbook Amendment

The City Clerk explained the request to implement compensatory time on behalf of city staff. (Exhibit "J").

Alderman Taylor made a motion to approve the compensatory policy to be added to the current city employment handbook, and the motion was seconded by Alderman Powell.

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

The Mayor declared the motion carried.

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

A) General Planning and Zoning and Building Department Updates

The Planning and Zoning Administrator updated the Board on General Planning and Zoning and Building Department Updates.

No action taken.

B) Discussion and Consideration of The Meadows Preliminary Plat

Alderman Slay made a motion to approve the Meadows Preliminary Plat (Exhibit "K"), per recommendations from the Planning and Zoning Commission, and the motion was seconded by Alderman Taylor.

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

The Mayor declared the motion carried.

C) Discussion and Consideration of The Corner Site Plan

Alderman Powell made a motion to approve the Corner Site Plan (Exhibit "L"), per recommendations from the Planning and Zoning Commission, and the motion was seconded by Alderman Taylor.

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

The Mayor declared the motion carried.

The Mayor amended the agenda to add the following item:

D) Gluckstadt Village Project (Updated Plans Received 4/9/24)

The Mayor discussed several issues and concerns related to the original site plan approval of this project by the Planning and Zoning Commission, as well as the Board of Aldermen, and the construction of buildings which seem to deviate substantially from the approved site plan.

The Mayor allowed Sunny Sethi, the developer of the Gluckstadt Village project, to come before the board to address said concerns and answer questions.

The Mayor asked if there was a motion to approve the updated site plan and the newly constructed buildings. Mr. Hall notified the board that the site plan before the board this evening is still not the correct version, and he is still awaiting submittal of the final amended version.

Mr. Slay made a motion to approve the building as constructed, conditional upon receiving a final corrected site plan, which meets Mr. Hall's standards and is in compliance with the city's building requirements, and the motion was seconded by Alderman Taylor.

Alderwoman Williams noted that all site plans submissions for buildings in the future will be highly scrutinized, related to the Gluckstadt Village project. The Mayor assured her that these site plans will be reviewed closely and the rules the Board has adopted to date, will be strictly enforced.

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) Request for Approval of Paving in Red Oak Subdivision

Alderman Powell made a motion to proceed with the road rehabilitation, maintenance, and paving project for Red Oak Subdivision (five roads, totaling \$452,622.00; county bond money will offset some costs to the city), and the motion was 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 Cooperation Agreement with Madison County for Roads to be Paved (County Bond Money)

Alderman Slay made a motion to enter into a Memorandum of Understanding with Madison County related to the paving of roads (Exhibit "M"), and the motion was seconded by Alderwoman Bates.

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

The Mayor declared the motion carried.

C) Discussion of Traffic Study Along Gluckstadt Rd

Chris Buckner, Public Works Director, and Brad Engels, City Contract Engineer, addressed the board on current issues related to speeding tickets on Gluckstadt Road and Calhoun Station Parkway, and commissioning a traffic study.

The Mayor asked if the Board was interested in commissioning a traffic study to address concerns about the speed limits on both roads.

The matter failed, for lack of motion.

No action taken.

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

A) General Updates, Police Department Matters

The Chief of Police then updated the Board on law enforcement matters.

No action taken.

B) Request for Approval to Purchase Furniture Items for New Gluckstadt Police Department (Barefield Workplace Solutions, Verified State Contract)

Alderman Slay made a motion to approve the quote (Barefield Workplace Solutions, as verified state contract pricing) and proceed with the purchase of furniture for the new Police Department and Municipal Court (Exhibit "N"), and the motion was seconded by Alderwoman Bates.

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

The Mayor declared the motion carried.

C) Consideration of Approval of Continuity of Operations Plan (Chief Barry Hale & EMA Manager, Kerry Minninger)

Alderwoman Bates made a motion to approve the Continuity of Operations Plan, drafted by the City's EMA Director, Kerry Minninger, (Exhibit "O"), and the motion was seconded by Alderman Powell.

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

The Mayor declared the motion carried.

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 Mayor requested a motion to move into closed determination to consider going into executive session. A motion was made by Alderman Slay to enter closed determination and seconded by Alderman Taylor.

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

The Mayor declared the motion carried.

The Board entered closed determination.

Alderman Powell made a motion to move into executive session to discuss the potential purchase of real estate for a city building and a personnel matter related to the job performance of an employee in the police department and was seconded by Alderman Taylor.

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

The Mayor declared the motion carried.

The Board entered executive session. The City Clerk made an announcement to the public that the Board entered executive session to discuss the potential purchase of real estate for a city building and a personnel matter related to the job performance of an employee in the police department.

A) Resignation of Timothy Harper, Reserve Officer

The Chief of Police notified the Mayor and Board that Officer Harper had taken a new full-time position in another jurisdiction and left the police department in good standing.

No action taken.

B) Demotion of Roy Dickerson, Sergeant

Due to recent performance issues, Chief Hale requested a reduction in rank for Sergeant Roy Dickerson; the Chief requested to demote Mr. Dickerson from Sergeant to Patrol Officer at \$50,000.00, plus benefits such as health insurance and retirement; Mr. Dickerson, in his new position, will also be subject to a ninety-day improvement plan.

Alderman Taylor made a motion to demote Mr. Roy Dickerson from Sergeant to Patrol Officer, at \$50,000.00 a year, plus benefits such as health insurance and retirement, effective on the April 26th payroll; subject to a ninety-day performance improvement plan wherein the Chief will report back to the Board as to Officer Dickerson's progress. The motion was seconded by Alderman Slay.

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

The Mayor declared the motion carried.

C) Promotion of Mr. Duane Montgomery to Acting Sergeant

Chief Hale requested Officer Duane Montgomery be promoted from Patrol Officer to Acting Sergeant at \$55,000.00, plus benefits such as health insurance and retirement; Officer Montgomery has already completed all necessary background checks and exams, such as a polygraph and psych examination for employment with the police department.

The Chief intends to post the Sergeant position for recruitment and make a final decision as to hiring or promoting a permanent Sergeant at a later date.

Alderman Powell made a motion to promote Officer Duane Montgomery from Patrol Officer to Acting Sergeant (on an interim basis) at \$55,000.00, plus benefits such as health insurance and retirement; not subject to additional background checks, as Officer Montgomery has already completed all necessary background checks and exams, such as a polygraph and psych examination for employment with the police department. The motion was seconded by Alderman Slay.

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

The Mayor declared the motion carried.

The Board discussed the potential purchase of real estate for a municipal building.

No action taken.

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

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

The Mayor declared the motion carried.

The City Clerk announced that the Board accepted the resignation of a reserve officer, demoted a sergeant to patrol officer at \$50,000.00, plus relative benefits, and promoted a patrol officer to interim / acting sergeant at \$55,000.00, plus relative benefits. Additionally, the board discussed a potential real estate purchase for a municipal building, but no action was taken on the matter.

15) Adjourn

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

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

The Mayor declared the motion carried.

WALTER C. MORRISON, IV
MAYOR

ATTEST:

DATE:

LINDSAY D. KELLUM
CITY CLERK

[Seal]



SPECIAL CALLED MEETING OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI

Wednesday, April 24, 2024, at 11:00 AM

Minutes

This notice and agenda of the Special Called Meeting of the Mayor and Board of Aldermen is hereby given by the undersigned. Said meeting shall be held on Wednesday, April 24, 2024, at 11:00 AM 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) **Call Meeting to Order and Roll Call**

The Mayor called the April 24, 2024, Special Called Meeting of the Mayor and Board of Aldermen to order. The Mayor presented the Notice of Special Called 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 (via telephone).

Staff Members Present: City Clerk Lindsay Kellum (via telephone), Planning and Zoning / Building Administrator William Hall, Public Works Director Chris Buckner, Chief of Police Barry Hale, Assistant Chief of Police Jeremy Slaven, and City Attorney Zachary Giddy.

2) **Opening Prayer and Pledge of Allegiance**

No action taken.

3) **Approval of Consent Agenda Items**

A) Requesting Approval for Sergeant David Potvin, Sergeant Duane Montgomery, Officer Eric Huff and Ruth Marie Stogner to attend the S.T.O.R.M. 2024 Spring Conference & Reimbursement of All Associated Travel Fees (May 6-10, Biloxi)

B) Claims Docket (Police Department Trainings, Upcoming)

The Mayor requested a motion to approve the Consent Agenda. (Exhibit "B"). A motion to approve the Consent Agenda was made by Alderman Taylor and seconded by Alderwoman Bates.

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

The Mayor declared the motion carried.

4) Building Official, Planning and Zoning Matters (William Hall)

A) Discussion of December 12, 2023 Magnolia District Site Plan Approval

The Mayor and Board of Aldermen discussed the Magnolia District Site Plan approval, which was approved by the Board on December 12, 2023, in accordance with recommendations provided by the City's Planning and Zoning Commission (approved with inclusion of a parapet wall addition to the site plan).

Alderman Powell explained to the Mayor and Board that during his motion to approve, it was not his intent to require a parapet wall be added to the site plan, as recommended by the Planning and Zoning Commission.

Alderman Powell then made a motion to bring the Magnolia District Site Plan (Exhibit "C") forward for reconsideration, and approve the site plan, absent the requirement of the parapet wall, which was recommended by the City's Planning and Zoning Commission. The motion failed for lack of a second.

No further action taken.

5) Public Comment

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

No action taken.

6) Closed Session to Determine Need for Executive Session

The Mayor requested a motion to move into closed determination to consider going into executive session. A motion was made by Alderwoman Bates to enter closed determination and seconded by Alderman Slay.

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

The Mayor declared the motion carried.

The board entered closed determination.

The Mayor requested a motion to move into executive session for personnel matters. Alderman Slay made a motion to move into executive session to discuss personnel matters related to the consideration of candidates, for hiring and promotions, within the Gluckstadt Police Department. Alderman Powell seconded the motion.

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

The Mayor declared the motion carried.

The board entered executive session. The City Attorney made an announcement to the public that the board entered executive session to discuss personnel matters related to candidate qualifications, for hiring and promotions, within the police department.

A) Resignation of Roy Dickerson, Patrol Officer

The Chief of Police notified the Mayor and Board that Officer Dickerson resigned effective immediately and has taken a new full-time position in another jurisdiction.

No action taken.

B) Resignation of Officer Joseph Mullins as Full-Time Officer & Request to Transfer to Part-Time Officer

Chief Hale notified the board that Officer Joseph Mullins had taken a full-time position with another jurisdiction and would no longer be able to work as a full-time officer for the City of Gluckstadt. Chief Hale requested the City retain Officer Mullins as a part-time officer, at \$17.00 an hour with no benefits, such as health insurance or retirement.

Alderman Taylor made a motion to accept Officer Mullins resignation as a full-time officer and move him to a part-time officer position at \$17.00 an hour, without benefits (health insurance, retirement, etc.). Alderman Slay seconded the motion.

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

The Mayor declared the motion carried.

C) Request to Transfer to Promote Officer David Johnson from Part-Time Officer to Full-Time Officer

Chief Hale requested the City promote Officer David Johnson into the open full-time officer position, previously held by Officer Mullins, starting at \$46,000.00 + benefits such as health insurance and retirement.

Alderman Slay made a motion to promote Officer David Johnson into the open full-time officer position, previously held by Officer Mullins, starting at \$46,000.00 + benefits such as Blue Cross Blue Shield health insurance and PERS retirement, contingent upon successful passage of all applicable background checks, including a criminal background check, drug screening, driving history, psych and polygraph examinations. Alderman Taylor seconded the motion.

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

The Mayor declared the motion carried.

Within the executive session, Alderman Taylor made a motion to leave executive session and re-enter open session. The motion was seconded by Alderman Slay.

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

The Mayor declared the motion carried.

The board re-entered into open session. The City Attorney made an announcement to the public that the board voted in executive session to promote an individual from part-time police officer to full-time police officer, for the Police Department, at \$46,000.00 + benefits such as Blue Cross Blue Shield health insurance and PERS retirement, contingent upon successful passage of all applicable background checks, including a criminal background check, drug screening, driving history, psych and polygraph evaluations. Additionally, the City Attorney announced the board voted to accept the resignation of an officer from a full-time officer position and transfer him to a part-time officer position at \$17.00, not to include benefits such as health insurance or retirement. No further action was taken.

Personnel Matters, Gluckstadt Police Department

7) Adjourn

There being no further business before the board, the Mayor asked for a motion to adjourn the meeting. Alderwoman Bates made the motion to adjourn. 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

ATTEST:

DATE:

LINDSAY D. KELLUM
CITY CLERK

[Seal]



Gluckstadt, MS

Docket of Claims Register

Section 4, Item B)

APPKT00510 - May 2024 Claims Docket

By Docket/Claim Number

Vendor #	Vendor Name	Docket/Claim #	Payable Type	Payable Date	Item Description	Account Number	Payment Amount Distribution Amount
00333	Applied Concepts, Inc. 437702	2024382	Invoice	05/14/2024	Stalker Lidar RLR - w/BT, DL & FTC, 2 B	001-200-90200	4,999.00
00322	AT&T 507454	2024383	Invoice	05/14/2024	Billed Units	001-200-69900	95.00
					Processing Fee	001-200-69900	45.00
00279	AT&T Mobility 287327248561X05052024	2024384	Invoice	05/14/2024	Monthly Back Up Line Payment	001-195-60500	40.23
00254	BankPlus Wealth Management 41724	2024385	Invoice	05/14/2024	Annual Fee 2024	200-200-60000	621,438.35
					Interest Payment - June 2024	200-200-81001	500.00
					Principal Payment - June 2024	200-200-80001	315,938.35
00006	Bear Creek Water Association 042024CH	2024386	Invoice	05/14/2024	Water & Sewer (CH) - April 2024	001-195-63003	84.75
	042024LW		Invoice	05/14/2024	Water & Sewer (LW) - April 2024	001-195-63003	49.66
00269	Benchmark Construction Corp. 052024	2024387	Invoice	05/14/2024	PD Building Contractor Payment	006-200-90100	35.09
00108	Big 10 Tire Co. 5103171	2024388	Invoice	05/14/2024	Alignment	001-200-57000	352,597.25
					BRGoodrich - 91852 255/60/18	001-200-57000	918.61
					Environmental	001-200-57000	69.99
					Job Supplies - Alignment	001-200-57000	609.32
					Job Supplies - Mount & Balance	001-200-57000	3.98
					Mount & Balance (4 Tires)	001-200-57000	6.65
					Oil Change	001-200-52500	9.83
					Tire Disposal	001-200-57000	80.00
					TPMS reset/rubber valve stem	001-200-57000	85.65
					Wheel/Lug Nut	001-200-57000	20.00
00008	Bridge & Watson, Inc. 042024Admin	2024389	Invoice	05/14/2024	Admin Billing 3/21/24 - 4/17/24	001-195-60101	23.48
	042024Annex		Invoice	05/14/2024	Annex Billing 4/8/24 - 4/19/24	001-195-60104	9.71
	042024Comp		Invoice	05/14/2024	Comp Plan Billing 3/20/24 - 4/17/24	001-190-60101	31,436.50
00230	Canton Sanitary Landfill 032024	2024390	Invoice	05/14/2024	Trash Dump Fees - March 2024	001-301-68500	1,362.40
	042024		Invoice	05/14/2024	Trash Dump Fees - April 2024	001-301-68500	707.48
							654.92

Docket of Claims Register

Vendor #	Vendor Name	Docket/Claim #	Payable Type	Payable Date	Item Description	Account Number	Payment Amount
Vendor #	Payable Number	Payable Description					Distribution Amount
00010	Cascio Sanford Government Law 10047	2024391 Lobbying Fees & Expenses - May 2024	Invoice	05/14/2024	Expenses Lobbying Fees - May 2024	001-195-60102 001-195-60102	4,009.68 509.68 3,500.00
00201	Classic Creations, Inc. 063980	2024392 City ClerkT-Shirt - 1 Red 1 Navy	Invoice	05/14/2024	City ClerkT-Shirt - 1 Red 1 Navy	001-140-64500	69.40 69.40
00013	Column Software PBC 20571CB1-0031 20571CB1-0032	2024393 Proof of Pub. - Notice to Amend Zoning Proof of Pub - Rezone Property	Invoice Invoice	05/14/2024 05/14/2024	Proof of Pub. - Notice to Amend Zoning Proof of Pub - Rezone Property	001-190-61500 001-190-61500	57.65 28.36 29.29
00119	Crystal Clean 51217	2024394 Street Sweeping Services - April 2024	Invoice	05/14/2024	Street Sweeping Services - April 2024	001-301-68600	3,291.00 3,291.00
00195	Dean Architecture 40524	2024395 Construction Admin Phase (March 202	Invoice	05/14/2024	Construction Admin Phase (March 202	002-200-69900	6,329.05 6,329.05
00090	Deviney Rental & Supply ES10681 IV15173 IV15517 IV15798 WO15731	2024396 Auger Rainsuit Cover (Dust) Justrite Gas Can Kubota Tractor MX6000 Service	Invoice Invoice Invoice Invoice Invoice	05/14/2024 05/14/2024 05/14/2024 05/14/2024 05/14/2024	Auger Rainsuit Cover (Dust) Justrite Gas Can 1 Gallon 15W-40 Kubota Engine Oil 70l 1 Gallon Oil Super UDT2, Hydr 70000-4 80W90 Gear Oil SUS-17 Customer Labor Filter, Hydraulic Oil Filter HHTA0-5990l Filter, Oil HH164-32430 Fuel Filter Assembly V0521-51940 Fuel Filter Cartridge HH1J1-43172 Hi Temp Red Grease SUS-67 Outer Air Filter R1401-42270 Shop Supplies	001-301-91600 001-301-53500 001-301-57500 001-301-91600 001-301-52500 001-301-52500 001-301-52500 001-301-57500 001-301-52500 001-301-52500 001-301-57500 001-301-57500 001-301-57500 001-301-57500 001-301-57500 001-301-57500	1,438.85 449.99 71.65 9.02 105.85 59.38 33.77 16.50 202.50 84.26 13.79 29.95 40.95 6.48 33.56 16.20
	WO15809	Kubota Repair	Invoice	05/14/2024	4 Cycle 20W PW-4C Custom Labor	001-301-57500 001-301-57500	25.00 240.00
00020	Entergy 10018760211 105007700366 15008535436 235006848263 250005984976	2024397 Collective Bill - April 2024 Lone Wolf - April 2024 Ridgefield Street Lights - April 2024 Arrington Street Lights - April 2024 Bear Creek Street Lights - March 2024	Invoice Invoice Invoice Invoice Invoice	05/14/2024 05/14/2024 05/14/2024 05/14/2024 05/14/2024	Collective Bill - Area Lighting Collective Bill - Traffic Signals Lone Wolf - April 2024 Ridgefield Street Lights - April 2024 Arrington Street Lights - April 2024 Bear Creek Street Lights - April 2024	001-301-63102 001-301-63103 001-195-63001 001-301-63102 001-301-63102 001-301-63102	1,525.43 56.85 464.72 203.40 117.41 214.52 468.53
00021	Executive Landscape 042024	2024398 Monthly Landscaping Services - April 2	Invoice	05/14/2024	Monthly Landscaping Services - April 2	001-195-68600	285.00 285.00

Docket of Claims Register

Vendor #	Vendor Name	Docket/Claim #	Payable Type	Payable Date	Item Description	Account Number	Payment Amount
Vendor #	Payable Number	Payable Description					Distribution Amount
00184	FBI-LEEDA	2024399					795.00
	200105012	SLI-Oxford, MS 7/2024	Invoice	05/14/2024	SLI-Oxford, MS 7/2024	001-200-61000	795.00
00023	Fuelman	2024400					6,348.95
	NP66407993	Gas & Oil - PD/PW/Building	Invoice	05/14/2024	Gas & Oil - PD/PW/Building	001-200-52500	5,062.68
						001-280-52500	143.09
						001-301-52500	1,143.18
00102	Hartley Equipment Company, Inc	2024401					1,230.81
	246588	Trimmer Head, Speed Feed Straight 45	Invoice	05/14/2024	Trimmer Head, Speed Feed Straight 45	001-301-57500	99.98
	246819	Stihl Trimmer & Edger	Invoice	05/14/2024	Stihl Edger FC 96 Straight Shaft Profess	001-301-91600	449.99
					Stihl Trimmer FS 91 R Loop Handle A25	001-301-91600	599.98
	250867	Chain Cut Loop (Equipment Repair)	Invoice	05/14/2024	Chain Cut Loop (Equipment Repair)	001-301-57500	53.98
	251080	Blade Repair/Replacement	Invoice	05/14/2024	Bushing, Splined	001-301-57500	19.99
					Screw-SEMS	001-301-57500	6.89
00103	Henry J. Davis	2024402					113.99
	052024	PW Labor & Mileage Reimbursement	Invoice	05/14/2024	PW Labor & Mileage Reimbursement	001-301-60101	113.99
00340	Highland Building Services, Inc.	2024403					1,050.00
	2197-A	Monthly Janitorial Services (LW) - May	Invoice	05/14/2024	Monthly Janitorial Services (LW) - May	001-195-69900	275.00
	2198-A	Monthly Janitorial Services - May 2024	Invoice	05/14/2024	Monthly Janitorial Services - May 2024	001-195-69900	775.00
00126	Jackson Communications, Inc.	2024404					16,200.00
	173833	Recorder for Dispatch	Invoice	05/14/2024	Eventide Recorder 8 for Dispatch	001-200-90100	15,000.00
					tech Labor	001-200-90100	1,200.00
00186	Lewis Electric, Inc.	2024405					4,300.00
	M2024.88	M60 Controller Repair/Replacement	Invoice	05/14/2024	New M60 Controller	001-301-57600	3,900.00
					One Man and a Service Truck	001-301-57600	400.00
00342	Lopez Linguistics, LLC	2024406					180.00
	1950	Legal Interpretation (Spanish) Fee	Invoice	05/14/2024	Legal Interpretation (Spanish) Fee	001-110-69900	180.00
00178	Madison County Sheriff's Office	2024407					1,857.88
	GP-0324	Inmate Housing - March 2024	Invoice	05/14/2024	Inmate Housing - March 2024	001-200-68301	1,848.00
	GP-M0324	Inmate Medical - March 2024	Invoice	05/14/2024	Inmate Medical - March 2024	001-200-68301	9.88
00172	Magnolia Shredding LLC	2024408					75.00
	3215	Monthly Shredding Services - April 202	Invoice	05/14/2024	Monthly Shredding Services - April 202	001-195-69900	75.00
00041	Matrix Solutions, Inc	2024409					5,440.00
	Inv_14214	Monitor & Adapter	Invoice	05/14/2024	24 Inch ASUS Monitor	001-200-91900	160.00
					DP to HDMI Adapter	001-200-91900	15.00
	Inv_14339	Monthly Fees - Licenses/Software/Use	Invoice	05/14/2024	Monthly Fees - Licenses/Software/Use	001-195-68800	5,265.00
00285	Middle South Computer	2024410					440.00
	0081247-IN	TCL 65in Basic TV	Invoice	05/14/2024	TCL 65in Basic TV	001-190-91900	220.00
						001-280-91900	220.00

Docket of Claims Register

APPKT00510 - M

Section 4, Item B)

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Vendor #	Vendor Name	Docket/Claim #	Payable Type	Payable Date	Item Description	Account Number	Payment Amount
Vendor #	Payable Number	Payable Description					Distribution Amount
00045	Mills, Scanlon, Dye & Pittman, At	2024411					16,365.75
	042024Annex	Annex Legal Fees - April 2024	Invoice	05/14/2024	Annex Legal Fees - April 2024	001-195-60304	1,025.00
	042024Court	Court Legal Fees - April 2024	Invoice	05/14/2024	Court Legal Fees - April 2024	001-110-60301	1,207.50
	042024General&Retainer	General Legal Fees + Retainer - April 2024	Invoice	05/14/2024	General Legal Fees - April 2024 Retainer - April 2024	001-195-60301	8,857.75
	042024PnZ	PnZ Legal Fees - April 2024	Invoice	05/14/2024	PnZ Legal Fees - April 2024	001-190-60301	3,000.00
00051	Mississippi Association of Chiefs of Police	2024412					2,275.50
	940	MACP Chief Summer Conference - Slave	Invoice	05/14/2024	MACP Chief Summer Conference - Slave	001-200-61000	1,450.00
	941	MACP Chief Summer Conf. - Hale Fee	Invoice	05/14/2024	MACP Chief Summer Conf. - Hale Fee	001-200-61000	350.00
	MCC2024Lucas	MACP Command College - Lucas Fee	Invoice	05/14/2024	MACP Command College - Lucas Fee	001-200-61000	350.00
	MCC2024Potvin	MACP Command College - Potvin Fee	Invoice	05/14/2024	MACP Command College - Potvin Fee	001-200-61000	375.00
00352	Mississippi Department of Public Safety	2024413					180.00
	032024	Crime Lab Reports	Invoice	05/14/2024	Agency Case #2022100014	001-200-60201	60.00
					Agency Case #2022100014	001-200-60201	60.00
					Agency Case #23004106	001-200-60201	60.00
00043	Mississippi Department of Revenue	2024414					10.00
	052024	PW Trailer Tag	Invoice	05/14/2024	PW Trailer Tag	001-301-50500	10.00
00048	Mississippi Municipal League	2024415					1,950.00
	052024	2024 MML Conference Fees - Board and	Invoice	05/14/2024	Bates Fee - Ref #37616159	001-100-61000	325.00
					Kellum Fee - Ref #37570191	001-140-61000	325.00
					Maugh Fee - Ref #37616031	001-140-61000	325.00
					Powell Fee - Ref #37616110	001-100-61000	325.00
					Slay Fee - Ref #37616212	001-100-61000	325.00
					Taylor Fee - Ref #37616245	001-100-61000	325.00

Docket of Claims Register

Vendor #	Vendor Name	Docket/Claim #	Payable Type	Payable Date	Item Description	Account Number	Payment Amount
Vendor #	Payable Number	Payable Description					Distribution Amount
00152	OP Plus	2024416					2,303.35
	1051091-0	FILE, GEN	Invoice	05/14/2024	FILE, LAT, 5DWR, WLK, 42", PY	001-110-92100	1,334.54
	1051424-2	PW/PNZ/Building Soap	Invoice	05/14/2024	PW/PNZ/Building Soap	001-190-50000	13.70
						001-280-50000	13.70
						001-301-50000	13.70
	1053191-0	PnZ/Building/PW Office Supplies	Invoice	05/14/2024	FILE, STOR, LTR/LGL, WHT	001-190-50000	17.28
					LINER, LD, 38X58, CRLSS, GY	001-190-50000	13.25
						001-280-50000	13.25
						001-301-50000	13.26
					RACK, 8TIER, 10W, WIRE, BK	001-190-50000	12.60
						001-280-50000	12.60
	1053191-1	PnZ Office Supplies	Invoice	05/14/2024	GUIDE, PLAIN TB, A-Z, LTR, 25	001-190-50000	11.39
	1053359-0	City Clerk Office Supplies	Invoice	05/14/2024	BNDR, VIEW, D-RNG, 3IN, WE	001-140-50000	67.20
					DUSTER, 10OZ, 2/PK/ WH	001-140-50000	36.04
					FOLDER, HANG, LTR, 25/BX, AST	001-140-50000	32.13
					FOLDER, MLA, 1/3 CT, LTR, 100	001-140-50000	76.08
					FOLDER, REINF, HANG, 25, AST	001-140-50000	6.99
					POCKET, FILE, LTR, STR, 5.25"	001-140-50000	33.18
	1054079-0	City Clerk Office Supplies	Invoice	05/14/2024	INDEX, LTR, JAN-DEC, COL, WE	001-140-50000	26.20
					PEN, BALLPOINT, F301, BK	001-140-50000	19.53
					PROTECTOR, SHT, ECN, 200, CLR	001-140-50000	18.30
	1054079-1	City Clerk Supplies	Invoice	05/14/2024	PEN, BALLPOINT, F301, BE	001-140-50000	19.53
	1054929-0	City Hall Paper Order	Invoice	05/14/2024	City Hall Paper Order	001-195-50000	498.90
00121	Parkway Quicklube & Tire, LLC	2024417					171.85
	11-0223276	Oil Change & Tire Repair	Invoice	05/14/2024	Diesel Service	001-301-52500	119.95
					Patch Tire	001-301-57000	24.95
					Shop Supplies	001-301-52500	2.00
	11-0223730	F350 Tire Patch	Invoice	05/14/2024	F350 Tire Patch	001-301-57000	24.95
00053	Pennington & Trim Alarm Service	2024418					396.00
	814029	Wireless Monitoring & Access Control	Invoice	05/14/2024	Wireless Monitoring & Access Control	001-195-63200	66.00
	814134	Service Call (Hale Software Install)	Invoice	05/14/2024	Service Call (Hale Software Install)	001-195-63200	110.00
	815456	Service Call (System Test)	Invoice	05/14/2024	Service Call (System Test)	001-195-63200	220.00
00054	Phelps Dunbar LLP	2024419					2,101.95
	1349601	General Labor & Employment Advice -	Invoice	05/14/2024	General Labor & Employment Advice -	001-195-60302	696.95
	1351666	General Labor & Employment Advice -	Invoice	05/14/2024	General Labor & Employment Advice -	001-195-60302	1,405.00

Docket of Claims Register

Vendor #	Vendor Name	Docket/Claim #	Payable Type	Payable Date	Item Description	Account Number	Payment Amount
Vendor #	Payable Number	Payable Description					Distribution Amount
00312	Primary Arms LLC	2024420					2,489.78
	INV-624056	Patrol Rifle lights and slings	Invoice	05/14/2024	Blue Force Gear U-Loop Attachment fo	001-200-90200	161.10
					Blue Froce Gear Push Button QD Sling :	001-200-90200	53.43
					GBRS SBS Second Best Sling - Black	001-200-90200	152.97
					Magpul M-LOK Cantilever Rail/Light M	001-200-90200	153.00
					Magpul MS1 Sling - Black	001-200-90200	322.60
					Midwest Industries AR Handguard Ren	001-200-90200	33.36
					Streamlight ProTac Rail Mount HL-X Pr	001-200-90200	1,189.90
	INV-629114	Individual First Aid Kits	Invoice	05/14/2024	Ferro Concepts Roll 1 Trauma Kit - Civil	001-200-50500	210.99
					Ferro Concepts Roll 1 Trauma Pouch	001-200-50500	212.43
00055	Printables and More (G&W Mark	2024421					193.20
	30610	ID Cards for Chief	Invoice	05/14/2024	ID Cards	001-200-62000	143.20
					Set Up Charge	001-200-62000	50.00
00311	Revell Hardware Co., Inc.	2024422					183.41
	5248	PW Supplies	Invoice	05/14/2024	1/4 X 2PH FL WOOD SC ZN	001-301-50500	17.49
					BAG TRASH CONTR55GL 15CT	001-301-50500	16.99
					CONTRACTOR TRASH BAGS 42G 3.0MII	001-301-50500	33.98
					PLUNGER W/HOLDER BLK/WH	001-301-50500	49.98
					TAPE MEASURE 1-1/16'X25'	001-301-50500	17.99
	5249	5GAL ACE COOLER W/DISPENSER	Invoice	05/14/2024	Water Cooler	001-301-91600	34.99
	5306	8" Plastics Handy File	Invoice	05/14/2024	8" Plastics Handy File	001-301-91600	11.99
00228	Riverboat Company of Mississipp	2024423					941.88
	052024	Hale/Slaven Rooms (6/18/24 - 06/21/2	Invoice	05/14/2024	Hale Room - C/N: QYJPJ	001-200-61000	470.94
					Slaven Room - C/N: 4RDWV	001-200-61000	470.94
00057	Robert J Young Company	2024424					1,922.76
	1053359-0	LW Copier & Overages - April 2024	Invoice	05/14/2024	LW Copier & Overages - April 2024	001-190-64000	149.09
						001-280-64000	149.14
						001-301-64000	149.09
	INV6882035	Court Copier & Overages - April 2024	Invoice	05/14/2024	Court Copier & Overages - April 2024	001-110-64000	401.59
	INV6894809	Admin Copier & Overages - April 2024	Invoice	05/14/2024	Admin Copier & Overages - April 2024	001-195-64000	517.21
	INV6901433	Board Room Monthly Payment - April ;	Invoice	05/14/2024	Board Room Monthly Payment - April ;	001-195-64000	556.64
00253	S&S Operating, LLC	2024425					558.58
	052024	Open Purchase Order for CWC Work C	Invoice	05/14/2024	Open Purchase Order for CWC Work C	001-301-68301	558.58
00058	Scott Insurance Services LLC	2024426					1,375.00
	505600	Powell Bond Renewal	Invoice	05/14/2024	Powell Bond Renewal	001-100-62500	250.00
	50596	Morrison Bond Renewal	Invoice	05/14/2024	Morrison Bond Renewal	001-120-62500	125.00
	50597	Slay Bond Renewal	Invoice	05/14/2024	Slay Bond Renewal	001-100-62500	250.00
	50598	Williams Bond Renewal	Invoice	05/14/2024	Williams Bond Renewal	001-100-62500	250.00
	50599	Bates Bond Renewal	Invoice	05/14/2024	Bates Bond Renewal	001-100-62500	250.00
	50601	Taylor Bond Renewal	Invoice	05/14/2024	Taylor Bond Renewal	001-100-62500	250.00

Docket of Claims Register

Vendor #	Vendor Name	Docket/Claim #	Payable Type	Payable Date	Item Description	Account Number	Payment Amount
Vendor #	Payable Number	Payable Description					Distribution Amount
00309	Six Dimensions, LLC	2024427					375.00
	052024	Mayoral Health Council Grant Coordin	Invoice	05/14/2024	Mayoral Health Council Grant Coordin	001-195-69900	375.00
00059	South Madison County Fire Prote	2024428					60,000.00
	052024	SMCFPD Appropriation FY2024	Invoice	05/14/2024	SMCFPD Appropriation FY2024	001-260-69900	60,000.00
00154	Southern Benefits Administrators	2024429					100.00
	24042202300000	Cafeteria Plan - May 2024	Invoice	05/14/2024	Cafeteria Plan - May 2024	001-195-60003	100.00
00060	Southern Connection Police Supp	2024430					128.97
	30448	Parker Polo Shirts	Invoice	05/14/2024	First Tact Men's Perf S/S Polo	001-200-53500	128.97
00351	Tactical Officer Survival School	2024431					900.00
	2024530A	Warrior Leadership Class Fee (Potvin/F	Invoice	05/14/2024	Warrior Leadership Class Fee (Potvin/F	001-200-61000	900.00
00229	The University of Mississippi	2024432					1,190.00
	052024	Potvin & Lucas Hotel Rooms (7/14/24 -	Invoice	05/14/2024	Lucas Room - C/N: 348168051	001-200-61000	595.00
					Potvin Room - C/N: 348174561	001-200-61000	595.00
00181	Thomson Reuters - West Paymen	2024433					682.50
	850145862	Monthly Clear Subscription Charges - A	Invoice	05/14/2024	Monthly Clear Subscription Charges - A	001-200-68800	682.50
00334	TNVC, Inc.	2024434					2,904.04
	480134	Handheld Thermal	Invoice	05/14/2024	Armasight Sidekick 640 Thermal Mono	001-200-90200	2,904.04
00336	Training Center Pros, Inc	2024435					570.00
	21870	Breaching Ram	Invoice	05/14/2024	Combination Strike Face Door Ram 32	001-200-90200	570.00
00321	Waste Management of Mississippi	2024436					195.00
	3184476-0078-0	Trash Pickup - May 2024	Invoice	05/14/2024	Trash Pickup - May 2024	001-301-64000	195.00
Total Claims: 55						Total Payment Amount:	1,167,648.80



Gluckstadt, MS

APPKT00501 - 5/2/24 Payment Process, 5/14/24 Other Claims Docket (Recurring Monthly Bills)

Section 4, Item B)

Docket of Claims Register

By Docket/Claim Number

Vendor #	Vendor Name	Payable Number	Payable Description	Payable Type	Payable Date	Item Description	Account Number	Payment Amount Distribution Amount
00299	110 Percent, LLC	51424	May Rent, Lone Wolf	Invoice	05/01/2024	May Rent, Lone Wolf	001-195-68300	3,000.00
	INV0001657							3,000.00
00166	Andrew Duggar	51425	April P&Z Mtg Per Diem	Invoice	05/10/2024	April P&Z Mtg Per Diem	001-190-60103	120.00
	INV0001663							120.00
00160	Charles Phillips King	51426	April P&Z Mtg Per Diem	Invoice	05/10/2024	April P&Z Mtg Per Diem	001-190-60103	120.00
	INV0001665							120.00
00135	John G. Sims, III	51427	May Court Services Invoice	Invoice	05/10/2024	May Court Services Invoice	001-110-60101	1,200.00
	INV0001668							1,200.00
00032	Kelly Dabbs Commercial, LLC	51428	May Rent, City Hall	Invoice	05/01/2024	May Rent, City Hall	001-195-68300	8,792.00
	INV0001658							8,792.00
00134	M. Devin Whitt, PLLC	51429	May Court Services Invoice	Invoice	05/10/2024	May Court Services Invoice	001-110-60201	1,200.00
	INV0001669							1,200.00
00149	Melanie Greer	51430	April P&Z Mtg Per Diem	Invoice	05/10/2024	April P&Z Mtg Per Diem	001-190-60103	120.00
	INV0001664							120.00
00287	Mississippi Attorney General's Of	51431	April Court Assessments, HTCSEF	Invoice	05/02/2024	April Court Assessments, HTCSEF	001-000-33000	1,500.00
	INV0001672							1,500.00
00328	Mississippi Department of Human Resources	51432	4/26/24 Payroll Withholdings, Child Support	Invoice	05/01/2024	Wage Garnishment, Child Support Order	001-000-00213	150.93
	INV0001641							150.93
00139	Mississippi Department of Public Safety	51433	April State Assessments, Court Service	Invoice	05/01/2024	April State Assessments, Court Service	001-000-33000	500.42
	INV0001670							500.42
00164	Sam McGaugh	51434	April P&Z Mtg Per Diem	Invoice	05/10/2024	April P&Z Mtg Per Diem	001-190-60103	120.00
	INV0001666							120.00
00138	State General Fund (DFA)	51435	April Court Assessments	Invoice	05/01/2024	April Court Assessments	001-000-33000	35,698.92
	INV0001671							35,698.92
00161	Timothy Slattery	51436	April P&Z Mtg Per Diem	Invoice	05/10/2024	April P&Z Mtg Per Diem	001-190-60103	120.00
	INV0001667							120.00
00242	Torri Parker Martin, Chapter 13 Trustee	51437	Wage Garnishment, Bankruptcy Order	Invoice	05/01/2024	Wage Garnishment, Bankruptcy Order	001-000-00213	461.00
	INV0001640							461.00
Total Claims: 14							Total Payment Amount:	53,103.27



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 01, 2024

Subject: Requesting approval for Officer Eric Huff to attend training at the HITS K-9 training seminar in New Orleans, LA.

I'm requesting the Mayor and Board of Alderman approve Officer Eric Huff attend training at HITS K-9 training seminar located at the Hyatt Regency, 601 Loyola Avenue, New Orleans, LA 70113. This seminar and training will help the K-9 handlers by showing new materials, training gear for K-9, and informing handlers to utilize the K-9 by finding narcotics, scent integrity, training techniques, and interdiction strategies. The training will be from August 26-29, 2024, and the cost will be \$379.00. Lodging will be for three (3) nights at the same location and will be \$139.00 a night. Officer Huff will also need to be reimbursed for meals and will be using his patrol vehicle to travel to and from.

Sincerely,

Chief Barry W. Hale



Memorandum

Date: 02/02/2024

To: Chief Hale 

CC: Sgt Rounsaville, Lt Tucker, Asst Chief Slaven

From: Ofc Huff

Subject: Training Request



I Officer Huff am requesting to attend HITS K-9 training seminar located at the Hyatt Regency in New Orleans. The event will occur August 26-29, 2024. The class will cost \$379.00.

The Regency hotel blocked out a group room cost of \$139.00 per night. I will need to stay for 3 nights.

The class will benefit the department by:

Showing new materials and training gear for K-9

5 classes per day informing handlers how to utilize the K-9 by finding narcotics, scent integrity, training techniques, interdiction strategies, ect.

The conference will also offer networking opportunities with other trainers, officers, and k-9 equipment companies that we can utilize to further the development of Gluckstadts K-9 program.





Event Information

“The Power of Persistence”

Calvin Coolidge once wrote, there’s nothing in the world that can take the place of persistence. Not talent, not genius, not even education. Nothing is more common than unsuccessful men who are talented. Unrewarded genius, he said, is nearly a proverb and the world is full of educated derelicts. Persistence and determination are omnipotent. Joining us for training at HITS is the education that starts your journey. “You cannot escape the responsibilities of tomorrow by avoiding them today”. If you have training deficiencies, address them now, they’re your responsibility for a better dog. You only get out of it what you put into it, so work hard, educate yourself, become persistent and determined to achieve success in each discipline for which you train. Develop your K-9 talents with the Genius of our Trainers and Educators at HITS.

Come to New Orleans, Louisiana and be a part of the HITS 2024 experience

WHEN:	HITS 2024 August 26 – August 29, 2024, New Orleans, LA
WHERE:	Hyatt Regency
ADDRESS:	601 Loyola Ave New Orleans, LA 70113
HOTEL:	Hyatt Regency 601 Loyola Ave New Orleans, LA 70113
ROOM COST:	139.00/night single to quad occupancy Reserve your hotel room here
ATTENDEE COST:	379.00 per person before July 1, 2024 After July 1, 2024, – 449.00/person. Register and pay by credit card

Schedule of Events

Monday August 26, 2024, 10:00 am – 6:00 pm Pre-Registration

- Visit the registration counters in the foyer of the Elite Ballroom. Receive your ID badge, HITS Event Guide and all other free HITS items.

Monday August 26, 2024 6:00 pm – 8:00 pm – Registration & Vendor Appreciation Night, Elite Hall

- Registration will continue, receive your ID badge, HITS Event Guide and all other free HITS items.
- 6:30 pm – 7:30pm During Vendor Appreciation Night, Open bar for all attendees and vendors in the vendor area. Start HITS of right, meet the vendors, and see what is new in the world of canine training and equipment.

Tuesday August 27, 2024, Wednesday August 28, 2024 and Thursday August 29, 2024 THREE FULL DAYS OF INSTRUCTION 8:00 am – 6:00 pm each day

- The most diversified and educational canine classes ever offered.



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 01, 2024

Subject: Requesting approval for Assistant Chief Jeremy Slaven to attend the Glock Armorer's Course being hosted by the Desoto County Sheriff's Office.

I'm requesting the Mayor and Board of Alderman approve Assistant Chief Jeremy Slaven to attend the Glocks Armorer's Course being hosted by the Desoto County Sheriff's Office located in Hernando, MS. This is a one-day course, and no lodging is required. The cost of the training is \$250.00, and he will only need to be reimbursed for meals that day. He will be using his patrol vehicle to travel to and from.

Sincerely,

Chief Barry W. Hale



Memorandum

Date: 1/31/24

To: Chief Hale 

CC:

From: Asst Chief Slaven

Subject: Training Request



I am requesting to attend Glock Armorer’s Course being hosted by the Desoto County Sheriff’s Office in Hernando, MS. This is a one-day course costing \$250 and does not require accommodation outside of per diem for meals. It is being held on Tuesday, August 20th, 2024. I am currently a Glock armorer, but my certification is set to expire in March. This capability is important to the department because it allows me to conduct annual weapon inspections on agency handguns and to troubleshoot issues that arise during firearms training.





PROFESSIONAL

REGISTRATION SUMMARY

This document is only a summary of your registration.

Please note that you are not signed up for the class until you receive a confirmation.

CLASS INFO:

Class 111357: Armorer's Course
Date: Tuesday, August 20, 2024
Location: DeSoto County Sheriff's Department Lt. Mike Cowan, 3091 Industrial Drive West - Hernando, MS
Host: DeSoto County Sheriff's Department Lt. Mike Cowan
Instructor: Rodriguez

STUDENT:

Name: Assistant Chief Jeremy Slaven
Category (with Comment): Active Law Enforcement
U.S. Citizen/permanent resident: yes

EMPLOYER ADDRESS:

Department: Gluckstadt Police Department
Street: 343 Distribution Drive
City: Gluckstadt Madison
State: MS, 39110 US
Phone: 769-567-2780
Mobile: 601-927-2338
Fax: 769-567-2305
E-mail: Jeremy.Slaven@gluckstadt.net
The invoice is sent to this address. The certificate is sent to this address.

HOME ADDRESS: -

ADDITIONAL DATA:

Recertifying: yes
Weapon: 47,45,48
Duty weapon:
Agency size: 20
Accepted terms and conditions: Yes

Confirmations will not be sent until valid proof of payment type is submitted.
Certificates will not be sent until actual payment has been received.

For further information please contact:

GLOCK Professional, Inc.

P.O. Box 1254
Smyrna, GA 30081
USA

Tel.: 770 - 432 1202
Fax.: 770 - 437 4712



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: April 30, 2024

Subject: Requesting approval for FBI-Leeda class (Supervisor Leadership Institute) in Oxford, MS

I'm requesting the Mayor and Board of Alderman approve my attending the National Command College located in Quantico, Virginia on the dates of July 15 thru July 19, 2024. The training is free, lodging, and meals are provided on site. Travel is also paid for and will be in the form of flying to and from. I was nominated for this training by the FBI office in Jackson.

Sincerely,

Chief Barry W. Hale



Barry Hale

From: Christopher Cheatham <clcheatham@fbi.gov>
Sent: Tuesday, April 23, 2024 10:43 AM
To: Barry Hale
Cc: Crystal Bender Sims; Lane Murray
Subject: National Command Course Nomination
Attachments: NCC_7_Application_Fillable.pdf

Chief Hale,

Per telcal, FBI Jackson would like to nominate you to attend the National Command Course in Quantico, VA which is scheduled from 7/15/2024 to 7/19/2024.

As you may be aware, the National Command Course (NCC) was developed for chief executive officers of the nation’s smallest law enforcement agencies. Approximately 87% of law enforcement agencies in the United States are staffed by fewer than 50 sworn officers. Approximately 50% of these small agencies employ 10 or fewer officers. Many of these departments do not have a training or travel budget for sworn employees to receive training beyond the basic state mandated police academy.

Training opportunities for officers in these smaller departments can lag behind their counterparts in nearby larger agencies and often result in a lack of exposure to contemporary law enforcement issues, training, and even case law. Higher ranking law enforcement officers in many of these smaller jurisdictions have very little opportunity, time, or financial resources to attend the FBI National Academy or other advanced law enforcement training courses. The need for strong leadership and contemporary training for these crucial FBI liaison partners is essential: the NCC will bridge this gap.

Executives receive instruction and facilitation in four critical topics that remain the pillars of the program:

1. Emerging Trends: The study of emerging trends to anticipate changes.
2. Enhance Partnerships: The study of establishing trust in a community and build on that trust through leadership and practical policies.
3. Promote Wellness: The practice of wellness and care of personnel that leads to overall personal and organizational benefits.
4. Seek Innovations: The study of exploring next processes to overcome obstacles.

The environment of the seminar is conducive to independent thought and study. Participants have the opportunity to exchange plans, discuss problems, and create solutions with their peers; to develop new thoughts and ideas; and to share successes of their own communities. The interaction among the executives is worthwhile for them as well. Some of the most productive learning takes place outside of the classroom during informal interaction among class participants.

DATES & LOCATION:

NCC Session 7: 7/15/2024 – 7/19/2024; Quantico, VA (travel dates are the 14th and 20th)

ELIGIBILITY:



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: April 30, 2024

Subject: Requesting approval to attend National Command College located in Quantico, Virginia on the dates of July 15 thru July 19, 2024

I'm requesting the Mayor and Board of Alderman approve my attending the National Command College located in Quantico, Virginia on the dates of July 15 thru July 19, 2024. The training is free, lodging, and meals are provided on site. Travel is also paid for and will be in the form of flying to and from. I was nominated for this training by the FBI office in Jackson.

Sincerely,

Chief Barry W. Hale



Barry Hale

From: Christopher Cheatham <clcheatham@fbi.gov>
Sent: Tuesday, April 23, 2024 10:43 AM
To: Barry Hale
Cc: Crystal Bender Sims; Lane Murray
Subject: National Command Course Nomination
Attachments: NCC_7_Application_Fillable.pdf

Chief Hale,

Per telcal, FBI Jackson would like to nominate you to attend the National Command Course in Quantico, VA which is scheduled from 7/15/2024 to 7/19/2024.

As you may be aware, the National Command Course (NCC) was developed for chief executive officers of the nation's smallest law enforcement agencies. Approximately 87% of law enforcement agencies in the United States are staffed by fewer than 50 sworn officers. Approximately 50% of these small agencies employ 10 or fewer officers. Many of these departments do not have a training or travel budget for sworn employees to receive training beyond the basic state mandated police academy.

Training opportunities for officers in these smaller departments can lag behind their counterparts in nearby larger agencies and often result in a lack of exposure to contemporary law enforcement issues, training, and even case law. Higher ranking law enforcement officers in many of these smaller jurisdictions have very little opportunity, time, or financial resources to attend the FBI National Academy or other advanced law enforcement training courses. The need for strong leadership and contemporary training for these crucial FBI liaison partners is essential: the NCC will bridge this gap.

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DATES & LOCATION:

NCC Session 7: 7/15/2024 – 7/19/2024; Quantico, VA (travel dates are the 14th and 20th)

ELIGIBILITY:

Memorandum

Date: 05/1/2024

To: Lt. Stephen Tucker

CC: Chief Hale, Asst. Chief Slaven

From: Officer Felix Norwood

Subject: TRAINING



This memo is to request to attend the "Patrol Negotiations De-Escalation" class on June 25, 2024 at MLEOTA. I believe this class will help with basic patrol functions that I perform on a day to day basis in the city of Gluckstadt.

Thank you



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 06, 2024

Subject: Requesting approval for Officer Felix Norwood to attend the “Patrol Negotiations, De-Escalation” class.

I’m requesting the Mayor and Board of Alderman approve Officer Felix Norwood to attend the Patrol Negotiations, De-Escalation class at MELOTA on June 25th, 2024. The cost of the class is \$129.00 and there will be no need for lodging or reimbursement for meals. The class is local and will only be one day eight (8) hours.

Sincerely,

A handwritten signature in blue ink, appearing to read "Barry W. Hale", with a long horizontal line extending to the right.

Chief Barry W. Hale





“Patrol Negotiations De-Escalation”

“Hosted by MLEOTA, Pearl, Mississippi”
June 25, 2024

Course Duration: 8 hours

Max. Number of Students: 30

Instructional Setting: Classroom

COURSE DESCRIPTION:

This course is designed to ensure a quality presentation of street level negotiation skills training for the road officer, corrections officer or supervisors, in order for them to bring about a peaceful resolution to the current call for service or corrections incident. This course is designed to teach the basic skills, techniques and concepts required of patrol or corrections officers, with an emphasis on communication and active listening.

Topics Include:

- Introduction to Street Negotiations
- “The First Few Minutes”
- Essential Communication Skills
- Active Listening Skills
- Identifying the Emotional Factor
- Theories of Motivation-Psychology
- Body Language, Micro Expressions, Para-Linguistic Cues
- Student Exercises

INSTRUCTIONAL GOAL:

To provide the patrol officer/deputy, corrections officer and supervisors with the skills, techniques and basic concepts needed to bring about a peaceful resolution to calls for service involving agitated or potentially violent subjects. The officer/deputy/CO/supervisor, will learn the importance of identifying and interpreting an individual’s body language as well as other indicators that give away a subjects pending actions, as well as truthfulness. An understanding as well as practical knowledge of these concepts and skills is fundamental for the safety of our law enforcement officers, especially in today’s volatile environment.

Global Police Solutions, LLC is an approved advanced LE training provider throughout the United States and Abroad.

Dates and Location: June 25, 2024
Class Times: 0800-1700hrs

MLEOTA
3791 Highway 468 West
Pearl, MS 39208

Course Fee: \$129.00

*To register online, or for more information on
Global Police Solutions, please visit our website
at:*

www.globalpolicesolutions.com

Instructor:

James C. Lilley, Lt. (Retired) - The Director of Global Police Solutions, LLC, Jim brings with him over twenty-five years of law enforcement experience both Nationally and Internationally. He holds a Bachelor of Science degree in Criminal Justice as well as an ICITAP Master Instructor certification, and is a member of the International Law Enforcement Educators and Trainers Association. Jim is well diversified in law enforcement, and has served in such supervisory and management roles as a Corporal, Detective, Major Level Narcotics Task Force Agent, Detective Sergeant, Patrol Sergeant, Training Sergeant and as a Training Division Commander/Lieutenant. While serving four years in Iraq with the police training mission, Jim served as a Senior Mentor, Lead Trainer, Training Center Support Team Leader, and as the Acting Regional Commander for AAB 5, Southern Iraq where he received a Certificate of Appreciation for Dedication and Initiative from Lieutenant General Helmick, USA, Commanding General, Multi-National Security Transition Command-Iraq.



“Professional Training for Today’s Law Enforcement”
WWW.GLOBALPOLICESOLUTIONS.COM
Call Us Toll Free At: 855-4GPSTRAINING



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chris Buckner, Public Works Director

DATE: 5/7/2024

SUBJECT: Special Circumstance Purchase for Gluckstadt Rd and Catlett Rd Traffic Controller

On Friday May 3, 2024, after 5:00 PM it was determined by Lewis Electric that the traffic controller device went out at the traffic signal for Gluckstadt Rd and Catlett Rd. This caused the lights to go into flash mode and the signal was unable to be reset. Due to the timing of the repair, and the necessity of the signal, I authorized them to go ahead and replace the traffic controller device. We filled out the Special Circumstance Form and got the Mayor to sign since this was an emergency and the Purchasing Policy was not directly followed.

**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: 5-7-24

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.

After 5:00 pm on Wednesday May 1, 2024, the ~~traffic~~^{traffic} light at Gluckstadt Rd + Bozeman Rd went into flash mode and could not be reset. In order to get the light functioning properly, ~~the~~ Lewis Electric had to install a new controller device. The normal purchasing policy was not followed because we needed to fix the traffic light to get traffic flowing as soon as possible. Without the light functioning properly traffic would have become severely congested affecting emergency personnel if they were needed. The cost of this controller is \$4,300.

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.

- 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."

CLBL

Signed

Approved by Walter Morrison 5/7/24

- 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

MISSISSIPPI
PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chris Buckner, Public Works Director

DATE:

SUBJECT: Approval of First Colony Street Lighting Request

The HOA Board of First Colony 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 20 additional lights averaging about \$445 a month, or roughly \$5,340 a year.

Thank you for your consideration. Please contact me if you have any questions.

From: [Walter Morrison](#)
To: [Lindsay Kellum](#); [William Hall](#); [Chris Buckner](#)
Subject: Fwd: Entergy light invoices / First Colony subdivision
Date: Wednesday, May 1, 2024 11:31:15 AM
Attachments: [StreetLightsCity2024.pdf](#)

Please put on May agenda.

Walter C. Morrison IV
Sent from my iPhone

Begin forwarded message:

From: Grant Stamps <gstamps@hoamp.com>
Date: May 1, 2024 at 11:23:14 AM CDT
To: Walter Morrison <WMorrison@gainsben.com>
Subject: RE: Entergy light invoices / First Colony subdivision

May 1, 2024

Mayor Walter Morrison
343 Distribution Drive
Madison, MS 39110

RE: First Colony Property Owners Assoc./ Street Light Invoices

Mayor Morrison,

On behalf of the First Colony Owners Association, I thank you for allotting time in your busy schedule to meet with the homeowners in the First Colony subdivision. A great deal of information was exchanged, and it was of tremendous benefit to all in attendance.

Per our discussion at the meeting, I am submitting the Entergy invoice exclusively broken out for street lamp purposes only. It was lower than we initially discussed, averaging out at about \$445 monthly. (please see

attachment). Assistance with this by the city, would be a great benefit to a fledgling community such as First Colony, which like most neighborhoods, struggles to put forth a budget year in, year out.

Sincerely,
First Colony Property Owners Association, Inc.
HOA Management Partners, Agent

Grant Stamps, **BA, MPH**

Grant L. Stamps
Association Manager
gstamps@hoamp.com

GLS/me

C: Board

Grant

Grant L. Stamps
HOA Management Partners
Association Property Manager
661 Sunnybrook Rd., Ste 120
Ridgeland, MS 39157
PO Box 1650
Ridgeland, MS 39158

***please note change of contact information**

W 769-300-1928
F 601-853-4748
Email: gstamps@hoamp.com



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 08, 2024

Subject: Requesting approval to purchase one Full Matrix Radar Speed Sign Yellow with Solar Kit for Gluckstadt Road.

I'm requesting the Mayor and Board of Alderman approve the purchase of one Full Matrix Radar Speed Sign Yellow with Solar Kit from TrafficCalm to be placed on Gluckstadt Road in the amount \$3,678.00.

Sincerely,

Chief Barry W. Hale





1-855-738-2722

Prepared By: Andy Pedersen / Jennifer Swearingen
jswearingen@mormfg.com

Quote #: 15790TC
Date Issued May 7, 2024
Valid Until: Jun 6, 2024
Date Modified: May 7, 2024 02:07 PM
Customer: Barry Hale
Customer Number: 0
Customer Reference:

Created For:

Company: Barry Hale
Street:
City, State:
Zip Code:
Phone: 601-882-4038
Contact: Barry Hale
Email: barry.hale@gluckstadt.net

Ship To:

Company: Barry Hale
Street:
City, State:
Zip Code:
Phone: 601-882-4038
Contact: Barry Hale
Email: barry.hale@gluckstadt.net

SKU	Item & Description	List Price	Qty	Amount
M75-15DFB-U004	IQ1500 Full Matrix Radar Speed Sign YELLOW	\$ 2,334.00	1	\$ 2,334.00
M75-SOLAR-000C	100W Solar Kit, incl. 100W Solar Panel, 70Ah Battery, Battery box, Wiring/Conduit	\$ 1,168.00	1	\$ 1,168.00
SHP-00000-0000	Shipping and Handling Cost. Note that this cost is good for the quote date and may be subject to change at time of shipment.	\$ 176.00	1	\$ 176.00
			Sub Total	\$ 3,678.00
			Tax	\$ 0.00
			Grand Total	\$ 3,678.00

Terms & Conditions

1. Payment Terms: Prepay
2. Shipping Terms: FOB:Post Falls, ID
3. Lead Time: 35 Business Days After Receipt of Order
4. Sales tax, if applicable, will be calculated at time of invoicing and based upon current tax rates, may be higher than originally quoted
5. All sales are considered final. In rare cases, a return may be requested within 90 days of receipt of the order. If approved and authorized by TrafficCalm, it will incur a 30% restocking fee of the original sale cost. Returned material must be in original packaging and have never been installed or electrically powered. Credit will only be given once this has been verified by the TrafficCalm Quality Department. The cost of return shipping in an undamaged manner is the responsibility of the customer.
6. The line items referenced in the quote above represent the items that TrafficCalm intends to supply. Anything not included is assumed to be provided by others

Notes:

Customer Acceptance (sign below):

It is hereby certified that the amount required to meet the contract, agreement, obligation, payment or expenditure above, has been lawfully appropriated or authorized or directed for such purpose and is in the Treasury. (Municipalities and Government Agencies) I am authorized to financially bind this entity to the terms of this agreement.

Print Name _____ DATE: ____/____/____

iQ1500

RADAR SPEED SIGNS



THE IQ SERIES OF RADAR SPEED SIGNS

The iQ Series is our full-featured Radar Speed Sign that includes a full-matrix display, speed triggered messages, and beacon outputs, along with traffic data collection.

The iQ1500 features bright 15" (38.1 cm) characters that can be seen from up to 750 ft (228.6 m) away and help increase driver awareness of their speed on neighborhood streets.

Speed can kill. A pedestrian is 82 percent more likely to be fatally injured if hit by a vehicle traveling 40 MPH (64 KPH) vs a vehicle traveling 20 MPH (32 KPH). Speeding drivers are almost three times more likely to be involved in fatal or serious-injury crashes. Radar Speed Signs have been proven, in multiple third-party studies*, to be highly effective at reducing average vehicle speed and slowing speeding drivers, creating safer roadways and communities.

FEATURES

Full Matrix Display

Full matrix displays allow the vehicle speed to be displayed in conjunction with speed-triggered messages such as "SLOW DOWN" or "TOO FAST."

Traffic Data Collection

Stores up to 9 months of traffic and speed data. TC-Speed Connect™ Data Collection and Reporting Software is included with the sign, providing free local data collection for the life of the sign.

Stealth Mode

The radar can remain active without the sign displaying any message. Speed data will be collected on the controller. This is great for before and after studies to prove the effectiveness of the sign at slowing speeding drivers.

100% MUTCD Compliant

Amber LED's are used to meet the Federal Highway Administration Manual on Uniform Traffic Control Devices (MUTCD). Multi-color LED's and strobes that are not MUTCD compliant are not utilized.

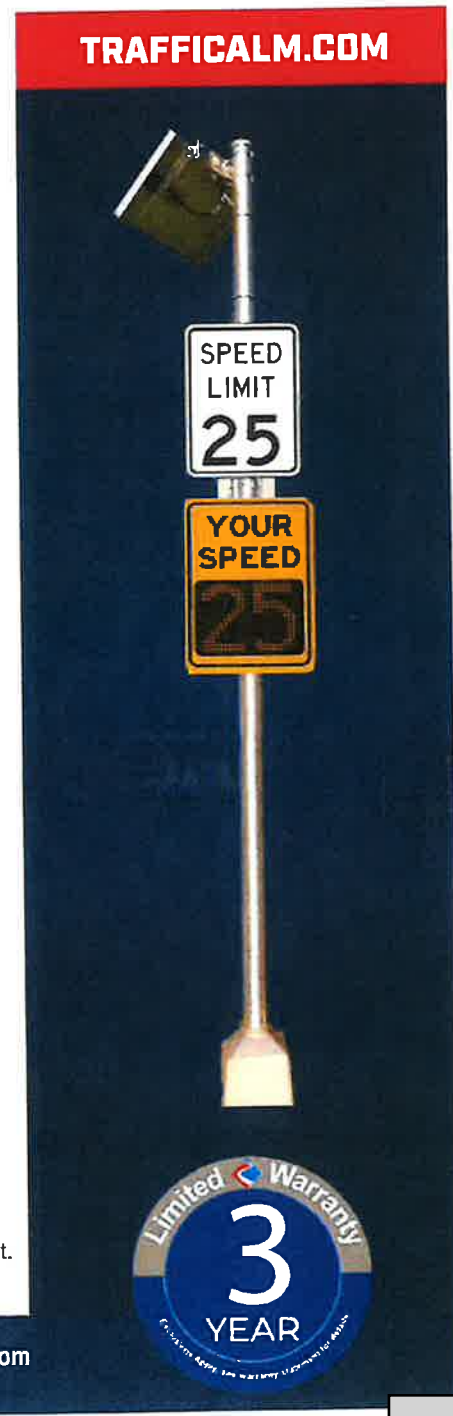
Ruggedized Electronics

Built tougher than other systems on the market. Polycarbonate high-impact, non-glare display cover is vandal resistant. The enclosure is a metal and weather-proof sealed NEMA 3R rated enclosure.

Made in the USA

TraffiCalm® Radar Speed Signs are manufactured in the USA in an ISO 9001:2015 certified facility, meeting and exceeding industry and state testing requirements. TraffiCalm® signs are unmatched in durability, brightness, accuracy and ease of installation and use. Build America/Buy America Compliant.

*Call for speed studies



RELEASED: 2023/01/17

+1 855.738.2722 / sales@trafficalm.com / www.trafficalm.com

SPECIFICATIONS

DISPLAY

Full matrix electronic Light Emitting Diode (LED) display

Speed display features 15" (38.1 cm) high electronic numbers, will display MPH or KPH, Minimum 5 MPH (8 KPH) in 1 MPH/1.6 KPH increments, Maximum 99 MPH/159.3 KPH

Speed triggered messages: "SLOW DOWN" or "TOO FAST" in 7" (17.8 cm) high electronic characters, two-line display for text. Highway Gothic font

LEDS: Amber (590 nanometers) in color, 100,000-hour life, 30° viewing angle, AlInGaP technology

Brightness: 20,000 candelas per square meter, Auto dimming

Legibility distance: 750 ft (228.6 m)

YOUR SPEED Legend: 6" (15.2 cm) Highway Gothic font

Front face sheeting: 3M™ Diamond Grade™ high visibility prismatic retroreflective sheeting

YOUR SPEED Sign Color: Yellow, Fluorescent Yellow-Green, Fluorescent Orange or White

RADAR SENSOR

Doppler Radar

K-Band (24.15 GHz), license-free (FCC part 15 compliant)

Radar detection range up to 1000 ft. (304.8 m) depending upon vehicle size, speed of approach, and configuration.

CONSTRUCTION

Outside dimensions 30" w x 41" h x 3" d (76.2 cm x 104.1 cm x 7.6 cm)

Weight: 40 pounds (18.1 kg)

Aluminum metal enclosure, powder coated green

High impact polycarbonate face

NEMA 3R Rated Cabinet

COMMUNICATION

RS-232 and Bluetooth Class 1 or 2 adaptors (capabilities: V1.0, V1.2, V2.0, V2.1 + Enhanced Data Rate, EDR)

POWER

Solar/Battery kits or AC power supply sold separately

Power requirements: 12VDC, low standby, average day at 8.5 watts, night at 1.5 watts

Voltage requirements: 9VDC-30VDC

ENVIRONMENTAL

-40°F to +165°F operating range (-40°C to +74°C)

WARRANTY

3 year limited warranty + 1 year on batteries

DETAILS

TC-SPEED CONNECT™ CONFIGURATION AND TRAFFIC DATA COLLECTION SOFTWARE

Local configuration, scheduling and data reports

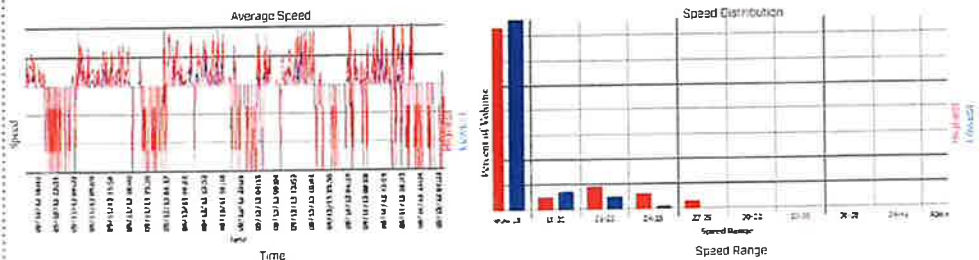
License Free

App for Android and Microsoft Store

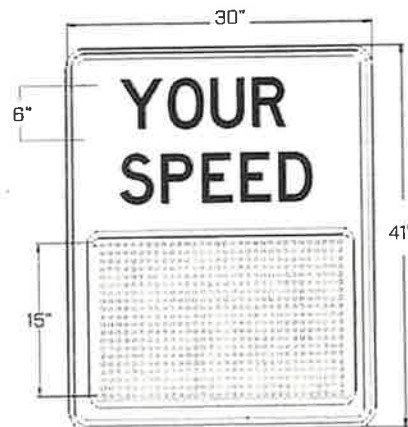
System Health Data: battery voltage, internal temperature, ambient light lux, display function status

Speed Data: date stamp, time stamp, vehicle count, minimum speed, maximum speed, 10 speed bins, average speed, 25th percentile speed, 50th percentile speed, 85th percentile speed

Schedule can be programmed up to 1 year in advance



Flip Bracket



iq1500 Full Matrix Radar Speed Sign

Part #	Reflective Sheeting Color
M75-150FB-U001	White*
M75-150FB-U002	Fluorescent Yellow-Green
M75-150FB-U003	Fluorescent Orange
M75-150FB-U004	Yellow

*Non MUTCD Compliant

Solar / Battery Kit: 100W / 70 Ah

SOLAR CENTRAL KIT: M75-SOLAR-000C



SOLAR/BATTERY KIT FOR IQ SERIES RADAR SPEED SIGNS

TraffiCalm® solar/battery kits are specifically designed to be used on IQ Series Radar Speed Signs and provide year-round operation of the system. We have a multitude of solar/battery kits and will make sure you have the right sized system for your particular location using our sophisticated solar calculator that takes into account the amount of sunlight (insolation), temperature, and cloudy days experienced by month, as well as the power draw of the particular model of Radar Speed Sign chosen.

FEATURES

Complete Kit

Includes the solar panel, panel rack, solar controller, battery box and heavy-duty mounting bracket, batteries, and conduit-enclosed wiring.

Easy Installation

No trenching required for cables. Utilizes industry standard hardware and mounting techniques. Consistent connectors and fasteners compatible with all TraffiCalm® Radar Speed Signs.

Environmentally Friendly

Utilizing solar energy combined with the low-power draw of Light Emitting Diodes (LEDs) in TraffiCalm® Radar Speed Signs, these solar kits are the environmental choice for our planet, while helping make our roadways safer.

3-Year Warranty

3-year limited warranty on the solar kit, with 1 year on the batteries.

Made in the USA

TraffiCalm® Solar/battery kits are manufactured in the USA in an ISO 9001:2015 certified facility. In addition we provide you unlimited technical phone support for the life of the unit. Build America/Buy America Compliant.



Solar Central - Solar/Battery Kit

SPECIFICATIONS

Physical Descriptions

Mounting: Universal bracket accommodates most industry standard round or square posts of suitable load rating

NEMA 3R enclosure

All electronics potted for weatherproofness

Stainless fasteners used for corrosion resistance

Battery Box Dimensions: 12" h x 12" w x 10" w
(30.48 cm x 30.48 cm x 25.4 cm)

Solar Panel Dimensions: 51.18" l x 20.79" w x 1.38" d
(130 cm x 52.81 cm x 3.51 cm)

Total System Weight: 102 lbs (46.27 kg), includes qty 2 - 35Ah batteries, battery box w/ contents, solar panel, and solar panel rack

Construction

14 gauge carbon steel Weatherproof NEMA 3R battery housing

Standard, flat mount brackets

Provisions for padlocking

Replacement keys available upon request

Standard powder coat gray color polyester finish (additional colors optional)

Solar Panel Power Specs

Maximum Power (PMax): 100W

Voltage at PMax (Vmp): 17.2V

Current at PMax (Imp): 4.94A

Open Circuit Voltage (Voc): 21.6V

Short-Circuit Current (Isc): 5.5A

Temp. Coefficient of Voc: $-(80 \pm 10) \text{mV}/^\circ\text{C}$

Temp. Coefficient of Isc: $(0.065 \pm 0.015)\%/^\circ\text{C}$

Temp. Coefficient of power: $-(0.5 \pm 0.05)\%/^\circ\text{C}$

NOCT (Air 20°C; Sun 0.8kW/m2 wind 1m/s): $47 \pm 2^\circ\text{C}$

Operating Temperature: -40°F to $+85^\circ\text{C}$ (-40°C to $+29.44^\circ\text{C}$)

Maximum system voltage: 60VDC, 1500 watts

Power tolerance: $\pm 5\%$

Battery Specs

M75-SOLAR-000C includes qty 2 batteries

12V AGM valve regulated, spill proof, high energy density, DOT approved for transport. Nominal Voltage: 12V (6Cells). Nominal Capacity: 20-hr.

(1.75A to 10.50V): 35Ah

Approx. Weight: 24.7 lbs each

Energy Density: 1.70 W-h/in³

Internal Resistance: 8 milliohms

Max Discharge Current (7 Min.): 105.0 amperes

Operating Temperature: Charge: -4°F to 122°F (-20°C to 50°C)

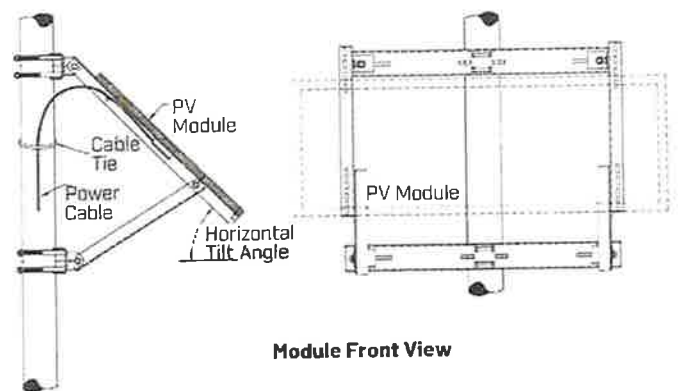
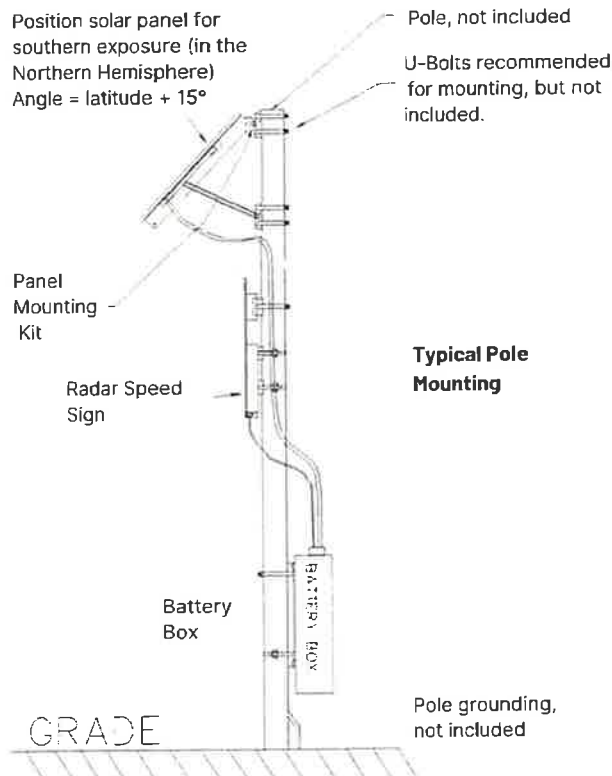
Discharge: -40°F to 140°F (-40°C to 60°C)

Dimensions: 7.72" l x 5.14" w x 6.22" h (19.61 cm x 13.06 cm x 15.8 cm)

Warranty

3 year warranty, 1 year on batteries

Unlimited technical support



From: [Lindsay Kellum](#)
To: [Walter Morrison](#)
Cc: [Scott Maugh](#); [Barry Hale](#); [William Hall](#); jscanlon@millsscanlon.com; [Zachary Giddy](#)
Subject: Waiving of Food Truck Fee, Reshma's Home 5K Event
Date: Monday, April 29, 2024 3:17:00 PM

Mayor,

I would like to ask the board to waive the \$1000 zoning fee requirement for food trucks and any associated transient vendor license fee for this 1 day event, as this is a non-profit event meant to raise money for sex trafficking children.

Additionally, FYI, legal plans on putting forth a stand-alone food truck ordinance draft and text amendments to that section of the zoning ordinance, as well as an addition to the special events ordinance, related to food trucks, for board consideration at the May meeting. We met on this issue last week.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
(769) 567-2306
Lindsay.Kellum@gluckstadt.net





CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Lindsay Kellum, City Clerk

DATE: 05/14/2024

SUBJECT: Request to Transfer \$975 (Prefund) to SABC Flex Medical Account, New Employee

I am requesting to transfer \$975 from the General Public Fund held with Bank Plus to our SABC Flex Medical Spending Account in order to prefund a new employee who signed up recently, Officer Robert Parker. The transfer of funds, if approved, will be well documented and saved in our financial statements for audit purposes.

His annual election is \$975 (for the remainder of FY). If you recall, the City prefunds this account each year and is reimbursed throughout the year, as deductions are withheld from the employee's payroll.

Please let me know if you have any questions.

LK



Gluckstadt, MS

Section 5, Item A)

My Budget Report

Group Summary

For Fiscal: 2023-2024 (FY24) Period Ending: 05/31/2024

Sub...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 005 - PD CAPITAL PROJECT FUND #2 (2023)							
Expense							
Department: 200 - POLICE							
009 - CAPITAL OUTLAY	750,000.00	750,000.00	0.00	0.00	0.00	750,000.00	100.00%
Department: 200 - POLICE Total:	750,000.00	750,000.00	0.00	0.00	0.00	750,000.00	100.00%
Expense Total:	750,000.00	750,000.00	0.00	0.00	0.00	750,000.00	100.00%
Fund: 005 - PD CAPITAL PROJECT FUND #2 (2023) Total:	750,000.00	750,000.00	0.00	0.00	0.00	750,000.00	100.00%
Report Total:	750,000.00	750,000.00	0.00	0.00	0.00	750,000.00	100.00%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance	
						Favorable (Unfavorable)	Percent Remaining
005 - PD CAPITAL PROJECT FUND	750,000.00	750,000.00	0.00	0.00	0.00	750,000.00	100.00%
Report Total:	750,000.00	750,000.00	0.00	0.00	0.00	750,000.00	100.00%



Gluckstadt, MS

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Group Summary

For Fiscal: 2023-2024 (FY24) Period Ending: 05/31/2024

Sub...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 006 - PD STATION CAPITAL PROJECT FUND #3, BOND ISSUE							
Expense							
Department: 200 - POLICE							
009 - CAPITAL OUTLAY	5,888,014.00	5,888,014.00	352,597.25	2,935,789.75	0.00	2,952,224.25	50.14%
Department: 200 - POLICE Total:	5,888,014.00	5,888,014.00	352,597.25	2,935,789.75	0.00	2,952,224.25	50.14%
Expense Total:	5,888,014.00	5,888,014.00	352,597.25	2,935,789.75	0.00	2,952,224.25	50.14%
Fund: 006 - PD STATION CAPITAL PROJECT FUND #3, BOND ISSUE Total:	5,888,014.00	5,888,014.00	352,597.25	2,935,789.75	0.00	2,952,224.25	50.14%
Report Total:	5,888,014.00	5,888,014.00	352,597.25	2,935,789.75	0.00	2,952,224.25	50.14%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance	
						Favorable (Unfavorable)	Percent Remaining
006 - PD STATION CAPITAL PROJE	5,888,014.00	5,888,014.00	352,597.25	2,935,789.75	0.00	2,952,224.25	50.14%
Report Total:	5,888,014.00	5,888,014.00	352,597.25	2,935,789.75	0.00	2,952,224.25	50.14%



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Group Summary

For Fiscal: 2023-2024 (FY24) Period Ending: 05/31/2024

Sub...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 001 - GENERAL FUND							
Revenue							
Department: 000 - NON DEPARTMENT							
Department: 000 - NON DEPARTMENT Total:	5,947,110.00	6,639,472.60	-16,710.70	4,681,717.01	0.00	-1,957,755.59	29.49%
Revenue Total:	5,947,110.00	6,639,472.60	-16,710.70	4,681,717.01	0.00	-1,957,755.59	29.49%
Expense							
Department: 100 - LEGISLATIVE - BOARD							
004 - PERSONNEL SERVICES	35,670.00	35,670.00	1,253.70	20,059.20	0.00	15,610.80	43.76%
005 - SUPPLIES	500.00	500.00	0.00	0.00	0.00	500.00	100.00%
006 - CONTRACTUAL SERVICES	12,500.00	12,500.00	2,687.92	6,810.92	0.00	5,689.08	45.51%
009 - CAPITAL OUTLAY	500.00	500.00	0.00	0.00	0.00	500.00	100.00%
Department: 100 - LEGISLATIVE - BOARD Total:	49,170.00	49,170.00	3,941.62	26,870.12	0.00	22,299.88	45.35%
Department: 110 - JUDICIAL/MUNICIPAL COURT							
004 - PERSONNEL SERVICES	136,095.46	139,695.46	5,243.14	83,541.94	0.00	56,153.52	40.20%
005 - SUPPLIES	11,000.00	9,500.00	0.00	373.75	528.07	8,598.18	90.51%
006 - CONTRACTUAL SERVICES	81,400.00	81,400.00	4,189.09	29,435.95	0.00	51,964.05	63.84%
009 - CAPITAL OUTLAY	0.00	2,000.00	1,334.54	1,334.54	0.00	665.46	33.27%
Department: 110 - JUDICIAL/MUNICIPAL COURT Total:	228,495.46	232,595.46	10,766.77	114,686.18	528.07	117,381.21	50.47%
Department: 120 - EXECUTIVE - MAYOR							
005 - SUPPLIES	500.00	500.00	0.00	0.00	0.00	500.00	100.00%
006 - CONTRACTUAL SERVICES	9,500.00	9,750.00	125.00	1,786.00	0.00	7,964.00	81.68%
Department: 120 - EXECUTIVE - MAYOR Total:	10,000.00	10,250.00	125.00	1,786.00	0.00	8,464.00	82.58%
Department: 140 - ADMINISTRATION - FINANCIAL							
004 - PERSONNEL SERVICES	319,615.46	319,615.46	11,822.56	189,231.11	0.00	130,384.35	40.79%
005 - SUPPLIES	7,500.00	7,500.00	335.18	1,016.92	0.00	6,483.08	86.44%
006 - CONTRACTUAL SERVICES	89,300.00	89,300.00	719.40	31,152.08	0.00	58,147.92	65.12%
009 - CAPITAL OUTLAY	15,500.00	15,500.00	0.00	1,125.00	0.00	14,375.00	92.74%
Department: 140 - ADMINISTRATION - FINANCIAL Total:	431,915.46	431,915.46	12,877.14	222,525.11	0.00	209,390.35	48.48%
Department: 190 - PLANNING & ZONING							
004 - PERSONNEL SERVICES	107,420.07	107,420.07	3,628.08	54,477.55	0.00	52,942.52	49.29%
005 - SUPPLIES	8,750.00	9,250.00	68.22	622.43	0.00	8,627.57	93.27%
006 - CONTRACTUAL SERVICES	170,900.00	168,200.00	19,690.74	59,048.79	0.00	109,151.21	64.89%

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For Fiscal: 2023-2024 (FY24) Period E

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Sub...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)	Percent Remaining
009 - CAPITAL OUTLAY	0.00	1,000.00	220.00	220.00	0.00	780.00	78.00%
Department: 190 - PLANNING & ZONING Total:	287,070.07	285,870.07	23,607.04	114,368.77	0.00	171,501.30	59.99%
Department: 195 - ADMINISTRATION - GENERAL							
004 - PERSONNEL SERVICES	89,396.46	89,396.46	3,256.18	51,917.97	0.00	37,478.49	41.92%
005 - SUPPLIES	4,500.00	4,500.00	498.90	1,832.63	0.00	2,667.37	59.27%
006 - CONTRACTUAL SERVICES	974,650.00	1,120,750.00	56,567.31	547,777.57	0.00	572,972.43	51.12%
009 - CAPITAL OUTLAY	20,250.00	20,250.00	0.00	7,677.62	125.00	12,447.38	61.47%
Department: 195 - ADMINISTRATION - GENERAL Total:	1,088,796.46	1,234,896.46	60,322.39	609,205.79	125.00	625,565.67	50.66%
Department: 200 - POLICE							
004 - PERSONNEL SERVICES	1,116,446.73	1,156,446.73	41,548.16	667,902.76	0.00	488,543.97	42.25%
005 - SUPPLIES	127,950.00	140,819.93	6,533.68	67,040.48	9,078.49	64,700.96	45.95%
006 - CONTRACTUAL SERVICES	181,600.00	205,087.50	8,828.86	59,983.70	9,196.24	135,907.56	66.27%
009 - CAPITAL OUTLAY	364,841.10	1,204,373.95	26,914.40	165,840.34	553,972.21	484,561.40	40.23%
Department: 200 - POLICE Total:	1,790,837.83	2,706,728.11	83,825.10	960,767.28	572,246.94	1,173,713.89	43.36%
Department: 260 - FIRE							
006 - CONTRACTUAL SERVICES	60,000.00	60,000.00	60,000.00	60,000.00	0.00	0.00	0.00%
Department: 260 - FIRE Total:	60,000.00	60,000.00	60,000.00	60,000.00	0.00	0.00	0.00%
Department: 280 - BUILDING INSPECTION & CODE							
004 - PERSONNEL SERVICES	176,287.80	176,287.80	6,476.11	90,140.49	0.00	86,147.31	48.87%
005 - SUPPLIES	7,750.00	7,750.00	182.64	2,130.09	0.00	5,619.91	72.51%
006 - CONTRACTUAL SERVICES	14,070.00	15,370.00	202.17	3,180.99	0.00	12,189.01	79.30%
009 - CAPITAL OUTLAY	2,000.00	2,000.00	220.00	784.95	0.00	1,215.05	60.75%
Department: 280 - BUILDING INSPECTION & CODE Total:	200,107.80	201,407.80	7,080.92	96,236.52	0.00	105,171.28	52.22%
Department: 301 - STREETS							
004 - PERSONNEL SERVICES	441,010.36	441,010.36	14,145.70	189,555.56	0.00	251,454.80	57.02%
005 - SUPPLIES	121,400.00	121,400.00	6,852.27	31,859.34	13,354.20	76,186.46	62.76%
006 - CONTRACTUAL SERVICES	550,681.00	515,981.00	7,114.08	92,203.17	8,964.56	414,813.27	80.39%
009 - CAPITAL OUTLAY	895,200.00	895,200.00	1,652.79	280,135.41	496,254.95	118,809.64	13.27%
Department: 301 - STREETS Total:	2,008,291.36	1,973,591.36	29,764.84	593,753.48	518,573.71	861,264.17	43.64%
Department: 900 - TRANSFERS							
009 - CAPITAL OUTLAY	617,030.71	617,030.71	0.00	617,030.71	0.00	0.00	0.00%
Department: 900 - TRANSFERS Total:	617,030.71	617,030.71	0.00	617,030.71	0.00	0.00	0.00%
Expense Total:	6,771,715.15	7,803,455.43	292,310.82	3,417,229.96	1,091,473.72	3,294,751.75	42.22%
Fund: 001 - GENERAL FUND Surplus (Deficit):	-824,605.15	-1,163,982.83	-309,021.52	1,264,487.05	-1,091,473.72	1,336,996.16	114.86%
Report Surplus (Deficit):	-824,605.15	-1,163,982.83	-309,021.52	1,264,487.05	-1,091,473.72	1,336,996.16	114.86%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)
001 - GENERAL FUND	-824,605.15	-1,163,982.83	-309,021.52	1,264,487.05	-1,091,473.72	1,336,996.16
Report Surplus (Deficit):	-824,605.15	-1,163,982.83	-309,021.52	1,264,487.05	-1,091,473.72	1,336,996.16



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Group Summary

For Fiscal: 2023-2024 (FY24) Period Ending: 05/31/2024

Sub...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 200 - PD BUILDING DEBIT SERVICE FUND							
Revenue							
Department: 000 - NON DEPARTMENT							
Department: 000 - NON DEPARTMENT Total:	617,030.71	617,030.71	0.00	617,030.71	0.00	0.00	0.00%
Revenue Total:	617,030.71	617,030.71	0.00	617,030.71	0.00	0.00	0.00%
Expense							
Department: 200 - POLICE							
006 - CONTRACTUAL SERVICES	0.00	0.00	500.00	500.00	0.00	-500.00	0.00%
008 - DEBT SERVICE	617,030.71	617,030.71	620,938.35	620,938.35	0.00	-3,907.64	-0.63%
Department: 200 - POLICE Total:	617,030.71	617,030.71	621,438.35	621,438.35	0.00	-4,407.64	-0.71%
Expense Total:	617,030.71	617,030.71	621,438.35	621,438.35	0.00	-4,407.64	-0.71%
Fund: 200 - PD BUILDING DEBIT SERVICE FUND Surplus (Deficit):	0.00	0.00	-621,438.35	-4,407.64	0.00	-4,407.64	0.00%
Report Surplus (Deficit):	0.00	0.00	-621,438.35	-4,407.64	0.00	-4,407.64	0.00%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)
200 - PD BUILDING DEBIT SERVIC	0.00	0.00	-621,438.35	-4,407.64	0.00	-4,407.64
Report Surplus (Deficit):	0.00	0.00	-621,438.35	-4,407.64	0.00	-4,407.64



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Group Summary

For Fiscal: 2023-2024 (FY24) Period Ending: 05/31/2024

Sub...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance Favorable (Unfavorable)	Percent Remaining
Fund: 002 - POLICE STATION CAPITAL PROJECT FUND							
Expense							
Department: 200 - POLICE							
006 - CONTRACTUAL SERVICES	120,094.00	120,094.00	6,329.05	37,131.45	0.00	82,962.55	69.08%
009 - CAPITAL OUTLAY	191,690.00	191,690.00	0.00	0.00	0.00	191,690.00	100.00%
Department: 200 - POLICE Total:	311,784.00	311,784.00	6,329.05	37,131.45	0.00	274,652.55	88.09%
Expense Total:	311,784.00	311,784.00	6,329.05	37,131.45	0.00	274,652.55	88.09%
Fund: 002 - POLICE STATION CAPITAL PROJECT FUND Total:	311,784.00	311,784.00	6,329.05	37,131.45	0.00	274,652.55	88.09%
Report Total:	311,784.00	311,784.00	6,329.05	37,131.45	0.00	274,652.55	88.09%

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Encumbrances	Variance	
						Favorable (Unfavorable)	Percent Remaining
002 - POLICE STATION CAPITAL PI	311,784.00	311,784.00	6,329.05	37,131.45	0.00	274,652.55	88.09%
Report Total:	311,784.00	311,784.00	6,329.05	37,131.45	0.00	274,652.55	88.09%



CITY OF GLUCKSTADT

MISSISSIPPI
POLICE DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman
FROM: Lindsay Kellum, City Clerk
DATE: 05/10/2024
SUBJECT: Need for FY24 Budget Amendment

We have the need to amend the FY24 budget for the following purposes:

GENERAL FUND:

- 1) Bring in \$5,000.00 donation into miscellaneous revenue (Police Department).
- 2) Bring in \$9,519.14 JAG Grant Reimbursement for E-citation equipment (Police Department, Applied for in FY22).
- 3) Bring in \$142,910.00 to accurately reflect receipt of E-911 funds from the County; previously estimated \$180,000.00, but AT&T quote came in lower (Police Department, Dispatch).
- 4) Moving \$3,000.00 from contractual services to capital outlay for purchase of a vehicle (Police Department).
- 5) Moving \$9,519.14 JAAG Grant Reimbursement to capital outlay for purchase of a vehicle (Police Department).
- 6) Decreasing capital outlay by \$37,090.00 to accurately reflect receipt of E-911 funds from the County in the amount of \$142,910.00 which was previously budgeted at \$180,000.00, but AT&T quote came in lower (Police Department).
- 7) Moving \$5,000.00 donation to capital outlay for purchase of a vehicle (Police Department).

- 8) Moving \$6,400 from capital outlay to contractual services to provide funds for the purchase of Flock tag reader cameras (Police Department).
- 9) Moving \$30,000.00 from contractual services to capital outlay to provide funds for drainage repairs (Public Works Department).
- 10) Moving \$43,800.00 from capital outlay to contractual services to provide for purchase of twelve (12) additional tag readers. (Police Department)
- 11) Moving \$4,407.64 from General Fund contractual services to Debt Service Payment Fund #1 (interest and other fees and services) to provide funds for additional interest and fees associated with the debt service payment on the city's general obligation bond (General Administration).

DEBT SERVICE PAYMENT FUND #1

- 1) Increasing Debt Service Payment Fund #1 by \$4,407.64 from General Fund (contractual services, General Administration) to provide funds for additional interest and fees associated with the debt service payment on the city's general obligation bond (Debt Service Payment Fund #1); (General Administration).

The above was amended 5/14/24 (item 10) to add a late budget amendment request from the Police Department.

Please let me know if you have any questions or concerns,

LK

**RESOLUTION AMENDING THE FISCAL
YEAR ENDING 2024 MUNICIPAL BUDGET**

WHEREAS, the City of Gluckstadt adopted its municipal operating budget in September 2023 and set forth therein the anticipated revenues to be collected and expenditures to be expended throughout the ensuing fiscal year; and,

WHEREAS, the City of Gluckstadt has twice previously amended its annual operating budget in November 2023 and February 2024; and,

WHEREAS, the City of Gluckstadt now finds that it is necessary and desirable to make certain budget amendments to the Debt Service Fund #1 to account for additional expenses incurred;

NOW THEREFORE BE IT RESOLVED, that the fiscal year ending 2024 municipal general fund operating budget be and is hereby amended in accordance with the details set forth as follows:

- 1) That miscellaneous revenues (donations) be amended by increasing the amount by \$5,000.00 to reflect receipt of donated funds by an area business owner toward Police Department vehicles. This revenue will be used for Police Department vehicles.
- 2) That intergovernmental revenues (state grants) be amended by increasing the amount by \$9,519.14 to reflect receipt of JAG grant funds from the Department of Public Safety (applied for in FY22). This revenue will be used for Police Department vehicles.
- 3) That miscellaneous revenues (county E-911 funds) be amended by increasing the budget by \$142,910.00 to accurately reflect receipt of E-911 funds from the County in the amount of \$142,910.00 (previously estimated \$180,000.00, but AT&T quote came in lower). This revenue will be paid to AT&T for PSAP Dispatch services in the new Police Department and Municipal Court.
- 4) That the budget category of contractual services in the Police Department be amended by decreasing the amount by \$3,000.00. These funds will be moved to Police Department capital outlay to provide funds for the purchase of a vehicle.

- 5) That the budget category of capital outlay in the Police Department be amended by increasing the amount by \$3,000.00 to provide funds for the purchase of a vehicle. The funds for this increase will come from Police Department contractual services.
- 6) That the budget category of capital outlay in the Police Department be amended by increasing the amount by \$9,519.14 to provide funds for the purchase of a vehicle. The funds for this increase will come from the receipt of JAG Grant Funds (applied for in FY22).
- 7) That the budget category of capital outlay in the Police Department be amended by decreasing the amount by \$37,090.00 to accurately reflect receipt of E-911 funds from the County in the amount of \$142,910.00 (previously estimated at \$180,000.00, but AT&T quote came in lower). This revenue will be paid to AT&T for PSAP Dispatch services in the new Police Department and Municipal Court.
- 8) That the budget category of capital outlay in the Police Department be amended by increasing the amount by \$5,000.00 to provide funds for Police Department vehicles. The funds for this increase came from a \$5,000.00 donation from an area business owner.
- 9) That the budget category of contractual services in the Police Department be amended by increasing the amount by \$6,400.00 to provide funds for the lease of Flock tag reader cameras. The funds for this increase will come from Police Department capital outlay.
- 10) That the budget category of capital outlay in the Police Department be amended by decreasing the amount by \$6,400.00 to provide funds for the lease of Flock tag reader cameras. These funds will be moved to Police Department contractual services.
- 11) That the budget category of contractual services in Public Works/Street Department be amended by decreasing the amount by \$30,000.00 to provide funds for drainage repairs. These funds will be moved to Public Works/Street Department supplies.
- 12) That the budget category of supplies in the Public Works/Street Department be amended by increasing the amount by \$30,000.00 to provide funds for drainage repairs. The funds for this increase will come from Public Works contractual services.
- 13) That the budget category of capital outlay in the Police Department be amended by decreasing the amount by \$43,800.00. These funds will be moved to Police Department contractual services to provide funds for the lease of twelve (12) additional Flock tag readers.
- 14) That the budget category of contractual services in the Police Department be amended by increasing the amount by \$43,800.00 to provide funds for the lease of twelve (12) additional Flock tag readers.

15) That the budget category of contractual services in General Administration be amended by decreasing the amount by \$4,407.64 to provide funds for additional interest and fees associated with the debt service payment on the city’s general obligation bond (Police Department Capital Project). These funds will be moved to Transfers (transfers out).

16) That the budget category of transfers out in Transfers be amended by increasing the amount by \$4,407.64 to provide funds to be transferred to Debt Service Fund #1 for payment of additional interest and fees associated with the debt service payment on the city’s general obligation bond (Police Department Capital Project). The funds for this increase will come from General Administration contractual services.

BE IT FURTHER RESOLVED that pursuant to the foregoing the fiscal year ending

September 30, 2024, General Fund budget as restated is as follows:

City of Gluckstadt General Fund	Final Budget as Adopted	First Amended Budget as Adopted	Second Amended Budget as Adopted	Proposed Amendments	Budget Including Adopted Amendments
RECEIPTS					
Licenses & Permits:					
Privilege Licenses	\$28,000.00	\$ 28,000	\$ 28,000.00	\$ -	\$ 28,000
Building Permits	80,000	80,000	80,000	-	80,000
Zoning Permits	3,400	3,400	3,400	-	3,400
Franchise Fees/Taxes:					
Franchise Taxes (Public Utilities)	200,000	200,000	200,000	-	200,000
Intergovernmental Revenues:					
Federal Grants	-	22,692	22,692	-	22,692
State Grants	-	180,404	205,404	9,519	214,923
State Shared Revenues	3,361,310	3,361,310	3,361,310	-	3,361,310
County Shared Revenues	505,000	959,447	959,447	142,910	1,102,357
Fines and Forfeits	250,000	250,000	250,000	-	250,000
Interest	67,500	67,500	67,500	-	67,500
Miscellaneous:					
Donations	-	-	3,488	5,000	8,488
Public Record Requests	3,000	3,000	3,000	-	3,000
Other Revenue	-	-	-	-	-
Insurance Proceeds	-	-	6,332	-	6,332
Fee for Tax Collections	(50,000)	(50,000)	(50,000)	-	(50,000)
Total from All Sources, Other Than Taxation	\$4,448,210	\$ 5,105,753	\$ 5,140,573	\$ 157,429	\$ 5,298,002
Beginning Cash and Investment Balance	4,087,146	4,087,146	4,087,146	-	4,087,146
Total Receipts Other Than Ad Valorem Tax	\$8,535,356	\$ 9,192,899	\$ 9,227,719	\$ 157,429	\$ 9,385,148
Amount to be Raised by Ad Valorem Tax	1,448,900	1,448,900	1,448,900	-	1,448,900
TOTAL FROM ALL SOURCES	\$9,984,256	\$ 10,641,799	\$ 10,676,619	\$ 157,429	\$ 10,834,048

City of Gluckstadt General Fund

	Final Budget as Adopted	First Amended Budget as Adopted	Second Amended Budget as Adopted	Proposed Amendments	Budget Including Adopted Amendments
DISBURSEMENTS					
Legislative - Board:					
Personnel Services	\$ 35,670	\$ 35,670	\$ 35,670	\$ -	\$ 35,670
Supplies	500	500	500	-	500
Contractual Services	12,500	12,500	12,500	-	12,500
Capital Outlay	500	500	500	-	500
Total	\$ 49,170	\$ 49,170	\$ 49,170	\$ -	\$ 49,170
Judicial - Municipal Court:					
Personnel Services	\$ 136,095	\$ 139,695	\$ 139,695	\$ -	\$ 139,695
Supplies	11,500	11,500	9,500	-	9,500
Contractual Services	81,400	81,400	81,400	-	81,400
Capital Outlay	-	-	2,000	-	2,000
Total	\$ 228,995	\$ 232,595	\$ 232,595	\$ -	\$ 232,595
Executive - Mayor:					
Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies	500	500	500	-	500
Contractual Services	9,750	9,750	9,750	-	9,750
Capital Outlay	-	-	-	-	-
Total	\$ 10,250	\$ 10,250	\$ 10,250	\$ -	\$ 10,250
Administration - Financial:					
Personnel Services	\$ 319,615	\$ 319,615	\$ 319,615	\$ -	\$ 319,615
Supplies	7,500	7,500	7,500	-	7,500
Contractual Services	89,300	89,300	89,300	-	89,300
Capital Outlay	15,500	15,500	15,500	-	15,500
Total	\$ 431,915	\$ 431,915	\$ 431,915	\$ -	\$ 431,915
Planning & Zoning:					
Personnel Services	\$ 107,420	\$ 107,420	\$ 107,420	\$ -	\$ 107,420
Supplies	9,250	9,250	9,250	-	9,250
Contractual Services	170,900	170,900	168,200	-	168,200
Capital Outlay	-	-	1,000	-	1,000
Total	\$ 287,570	\$ 287,570	\$ 285,870	\$ -	\$ 285,870
Administration - General:					
Personnel Services	\$ 89,396	\$ 89,396	\$ 89,396	\$ -	\$ 89,396
Supplies	4,500	4,500	4,500	-	4,500
Contractual Services	1,030,650	1,030,650	1,070,750	(4,408)	1,066,342
Capital Outlay	20,250	20,250	20,250	-	20,250
Total	\$1,144,796	\$ 1,144,796	\$ 1,184,896	\$ (4,408)	\$ 1,180,489
Police Department:					
Personnel Services	\$1,116,447	\$ 1,141,447	\$ 1,156,447	\$ -	\$ 1,156,447
Supplies	128,450	134,488	140,820	-	140,820
Contractual Services	201,600	201,600	205,088	47,200	252,288
Capital Outlay	364,841	1,199,374	1,204,374	(69,771)	1,134,603
Total	\$1,811,338	\$ 2,676,908	\$ 2,706,728	\$ (22,571)	\$ 2,684,157
Fire Department:					
Contractual Services	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ 60,000
Total	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ 60,000

City of Gluckstadt General Fund	Final Budget as Adopted	First Amended Budget as Adopted	Second Amended Budget as Adopted	Proposed Amendments	Budget Including Adopted Amendments
DISBURSEMENTS					
Building Inspection:					
Personnel Services	\$ 176,288	\$ 176,288	\$ 176,288	\$ -	\$ 176,288
Supplies	7,750	7,750	7,750	-	7,750
Contractual Services	14,070	14,070	15,370	-	15,370
Capital Outlay	2,000	2,000	2,000	-	2,000
Total	<u>\$ 200,108</u>	<u>\$ 200,108</u>	<u>\$ 201,408</u>	<u>\$ -</u>	<u>\$ 201,408</u>
Street Department:					
Personnel Services	\$ 441,010	\$ 441,010	\$ 441,010	\$ -	\$ 441,010
Supplies	121,400	121,400	121,400	30,000	151,400
Contractual Services	550,681	550,681	515,981	(30,000)	485,981
Capital Outlay	895,200	895,200	895,200	-	895,200
Total	<u>\$2,008,291</u>	<u>\$ 2,008,291</u>	<u>\$ 1,973,591</u>	<u>\$ -</u>	<u>\$ 1,973,591</u>
Transfers:					
Transfers out	\$ 617,031	\$ 617,031	\$ 617,031	\$ 4,408	\$ 621,438
Total	<u>\$ 617,031</u>	<u>\$ 617,031</u>	<u>\$ 617,031</u>	<u>\$ 4,408</u>	<u>\$ 621,438</u>
Total Disbursements	<u>\$6,849,465</u>	<u>\$ 7,718,636</u>	<u>\$ 7,753,455</u>	<u>\$ (22,571)</u>	<u>\$ 7,730,885</u>
Ending Cash and Investment Balance	<u>3,134,791</u>	<u>2,923,163</u>	<u>2,923,163</u>	<u>180,000</u>	<u>3,103,163</u>
TOTAL DISBURSMENTS AND ENDING BALANCE	<u>\$9,984,256</u>	<u>\$ 10,641,799</u>	<u>\$ 10,676,619</u>	<u>\$ 157,429</u>	<u>\$ 10,834,048</u>

NOW THEREFORE BE IT RESOLVED, that the fiscal year ending 2024 debt service fund budget be and is hereby amended in accordance with the details set forth as follows:

- 1) That the budget category of Transfers In be amended by increasing the amount by \$4,407.64 to reflect the receipt of a transfer of funds from the General Fund. The purpose of the transfer is to provide funds for an additional fee and for additional interest due related to the debt service payment to be made on the city’s general obligation bond (Police Department Capital Project).
- 2) That the budget category of contractual services be amended by increasing the amount by \$500.00 to provide funds for an annual fee previously not budgeted. The funds for this increase will come from General Fund, General Administration, contractual services.
- 3) That the budget category of debt service (interest) be amended by increasing the amount by \$3,907.64 to provide funds for additional interest previously not budgeted. The funds for this increase will come from General Fund, General Administration, contractual services.

BE IT FURTHER RESOLVED that pursuant to the foregoing the fiscal year ending September 30, 2024, Debt Service Fund #1 budget as restated is as follows:

**Debt Service Fund 1
(2023 G.O. Bond Issue)**

	Final Budget as Adopted	Proposed Amendments	Budget Including Adopted Amendments
RECEIPTS			
Transfers In	\$ 617,031	\$ 4,408	\$ 621,438
Total from All Sources, Other Than Taxation	\$ 617,031	\$ 4,408	\$ 621,438
Beginning Cash and Investment Balance	\$ -	\$ -	\$ -
Total Receipts Other Than Ad Valorem Tax	\$ 617,031	\$ 4,408	\$ 621,438
Amount to be Raised by Ad Valorem Tax	\$ -	\$ -	\$ -
TOTAL FROM ALL SOURCES	\$ 617,031	\$ 4,408	\$ 621,438
DISBURSEMENTS			
Public Safety:			
Contractual Services	\$ -	\$ 500	\$ 500
Debt Service (Principal & Interest)	617,031	3,908	620,938
Total	\$ 617,031	\$ 4,408	\$ 621,438
Total Disbursements	\$ 617,031	\$ 4,408	\$ 621,438
Ending Cash and Investment Balance	\$ -	\$ -	\$ -
TOTAL DISBURSMENTS AND ENDING BALANCE	\$ 617,031	\$ 4,408	\$ 621,438

BE IT FURTHER RESOLVED that pursuant to Miss Code Ann. §21-35-25 the City Clerk is hereby authorized and directed to publish the foregoing amendments to the municipal budget within two (2) weeks of the adoption of this resolution.

The foregoing resolution having been first reduced to writing was moved for adoption by Alderman _____, and seconded by Alderman _____, with the vote thereon being as follows:

Alderman Miya Warfield Bates voted:	yes	no
Alderman Jayce Powell voted:	yes	no
Alderman Richard Wesley Slay voted:	yes	no
Alderman John Taylor voted:	yes	no
Alderman Lisa Williams voted:	yes	no

SO RESOLVED this the _____ day of May 2024.

Walter Morrison, Mayor

ATTEST:

Lindsay Kellum, City Clerk

Seal



CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Lindsay Kellum, City Clerk

DATE: 5/14/2024

SUBJECT: April Bank Reconciliations, Various City Accounts

Please find all April bank reconciliations attached for your review. You will also find copies in your dropbox folder.

Hard copies have been placed in the reconciliation binders for the Mayor's signature.

Let me know if you have any questions.

LK



Gluckstadt, MS

Bank Statement Register

Section 5, Item C)

GENERAL LEDGER, PUBLIC FUNDS

Period 3/30/2024 - 4/30/2024

Packet: BRPKT00102

Bank Statement

General Ledger

Beginning Balance	6,197,181.56	Account Balance	6,067,804.68
Plus Debits	394,044.72	Less Outstanding Debits	2,676.70
Less Credits	513,070.62	Plus Outstanding Credits	13,027.68
Adjustments	0.00	Adjustments	0.00
Ending Balance	6,078,155.66	Adjusted Account Balance	6,078,155.66

Statement Ending Balance	6,078,155.66
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

- 001-000-10100 CASH
- 001-100-44001 FEDERAL TAXES

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
03/27/2024	DEP0001735	Deposit	DEPOSIT CASH RECEIPTS	909.50
04/01/2024	DEP0001748	Deposit	DEPOSIT CASH RECEIPTS	1,450.50
04/01/2024	DEP0001751	Deposit	CLPKT00494 BG:Cash	250.00
04/01/2024	DEP0001752	Deposit	DEPOSIT CASH RECEIPTS	476.00
04/02/2024	DEP0001756	Deposit	DEPOSIT CASH RECEIPTS	1,110.00
04/02/2024	DEP0001759	Deposit	CLPKT00496 BG:Cash	5,353.00
04/02/2024	DEP0001759	Deposit	CLPKT00496 BG:CC Payment	1,907.00
04/02/2024	DEP0001762	Deposit	CLPKT00497 BG:CC Payment	25.00
04/03/2024	DEP0001763	Deposit	DEPOSIT CASH RECEIPTS	929.00
04/03/2024	DEP0001767	Deposit	CLPKT00499 BG:CC Payment	50.00
04/03/2024	DEP0001769	Deposit	CLPKT00498 BG:CC Payment	678.50
04/03/2024	DEP0001769	Deposit	CLPKT00498 BG:Cash	1,294.00
04/04/2024	DEP0001770	Deposit	DEPOSIT CASH RECEIPTS	327.50
04/05/2024	DEP0001771	Deposit	DEPOSIT CASH RECEIPTS	1,905.50
04/05/2024	DEP0001774	Deposit	CLPKT00500 BG:Cash	2,506.00
04/05/2024	DEP0001774	Deposit	CLPKT00500 BG:CC Payment	2,542.00
04/05/2024	DEP0001777	Deposit	CLPKT00501 BG:CC Payment	75.00
04/08/2024	DEP0001778	Deposit	DEPOSIT CASH RECEIPTS	7,684.50
04/08/2024	DEP0001856	Deposit	CLPKT00520 BG:Cash	3,439.50
04/08/2024	DEP0001856	Deposit	CLPKT00520 BG:CC Payment	3,073.00
04/09/2024	DEP0001788	Deposit	DEPOSIT CASH RECEIPTS	1,903.50
04/09/2024	DEP0001791	Deposit	CLPKT00504 BG:Cash	891.00
04/10/2024	DEP0001792	Deposit	DEPOSIT CASH RECEIPTS	1,607.50
04/10/2024	DEP0001795	Deposit	CLPKT00506 BG:Cash	967.50

Item Date	Reference	Item Type	Description	Amount
04/10/2024	DEP0001795	Deposit	CLPKT00506 BG:CC Payment	483.50
04/11/2024	DEP0001800	Deposit	DEPOSIT CASH RECEIPTS	882.00
04/11/2024	DEP0001803	Deposit	CLPKT00509 BG:Cash	267.00
04/11/2024	DEP0001803	Deposit	CLPKT00509 BG:CC Payment	681.00
04/12/2024	DEP0001805	Deposit	DEPOSIT CASH RECEIPTS	1,851.50
04/12/2024	DEP0001809	Deposit	CLPKT00512 BG:CC Payment	1,131.00
04/12/2024	DEP0001809	Deposit	CLPKT00512 BG:Cash	1,609.50
04/12/2024	DEP0001812	Deposit	CLPKT00513 BG:CC Payment	25.00
04/15/2024	DEP0001813	Deposit	DEPOSIT CASH RECEIPTS	1,921.50
04/15/2024	DEP0001816	Deposit	CLPKT00514 BG:Cash	4,806.50
04/15/2024	DEP0001816	Deposit	CLPKT00514 BG:CC Payment	1,411.00
04/15/2024	DEP0001819	Deposit	CLPKT00515 BG:CC Payment	125.00
04/16/2024	DEP0001820	Deposit	DEPOSIT CASH RECEIPTS	1,345.00
04/16/2024	DEP0001825	Deposit	CLPKT00517 BG:Cash	683.50
04/16/2024	DEP0001825	Deposit	CLPKT00517 BG:CC Payment	168.00
04/16/2024	DEP0001828	Deposit	CLPKT00518 BG:CC Payment	25.00
04/16/2024	DEP0001934	Deposit	CLPKT00551 BG:CC Payment	1,732.42
04/17/2024	DEP0001835	Deposit	DEPOSIT CASH RECEIPTS	1,625.00
04/17/2024	DEP0001838	Deposit	CLPKT00521 BG:Cash	1,708.90
04/17/2024	DEP0001838	Deposit	CLPKT00521 BG:CC Payment	459.00
04/17/2024	DEP0001841	Deposit	CLPKT00522 BG:CC Payment	50.00
04/18/2024	DEP0001842	Deposit	DEPOSIT CASH RECEIPTS	1,319.00
04/18/2024	DEP0001847	Deposit	CLPKT00523 BG:CC Payment	468.50
04/18/2024	DEP0001847	Deposit	CLPKT00523 BG:Cash	766.50
04/19/2024	DEP0001844	Deposit	DEPOSIT CASH RECEIPTS	240.50
04/19/2024	DEP0001849	Deposit	CLPKT00524 BG:CC Payment	349.50
04/19/2024	DEP0001849	Deposit	CLPKT00524 BG:Cash	554.00
04/19/2024	DEP0001852	Deposit	CLPKT00525 BG:CC Payment	25.00
04/22/2024	DEP0001857	Deposit	DEPOSIT CASH RECEIPTS	3,990.00
04/22/2024	DEP0001860	Deposit	CLPKT00526 BG:Cash	943.50
04/22/2024	DEP0001860	Deposit	CLPKT00526 BG:CC Payment	251.50
04/22/2024	DEP0001863	Deposit	CLPKT00527 BG:CC Payment	50.00
04/23/2024	DEP0001864	Deposit	DEPOSIT CASH RECEIPTS	426.00
04/23/2024	DEP0001867	Deposit	CLPKT00528 BG:Cash	7,094.00
04/23/2024	DEP0001867	Deposit	CLPKT00528 BG:CC Payment	223.00
04/23/2024	DEP0001870	Deposit	CLPKT00529 BG:CC Payment	75.00
04/24/2024	DEP0001871	Deposit	DEPOSIT CASH RECEIPTS	1,160.25
04/25/2024	DEP0001872	Deposit	DEPOSIT CASH RECEIPTS	639.00
04/29/2024	DEP0001877	Deposit	CLPKT00530 BG:CC Payment	248.00
04/29/2024	DEP0001877	Deposit	CLPKT00530 BG:Cash	4,176.07
04/29/2024	DEP0001880	Deposit	CLPKT00531 BG:CC Payment	150.00
04/30/2024	DEP0001884	Deposit	CLPKT00532 BG:Cash	3,366.00
04/30/2024	DEP0001931	Deposit	CLPKT00550 BG:CC Payment	289,171.17

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
04/30/2024	DEP0001931	Deposit	CLPKT00550 BG:Cash	11,203.70
Total Cleared Deposits (68)				391,236.51

Cleared Checks

Item Date	Reference	Item Type	Description	Amount
03/15/2024	1366	Check	Building Officials Association of Mississippi	-500.00
03/15/2024	1369	Check	Centennial Plaza, LLC	-1,799.90
03/15/2024	1380	Check	James W Irby Jr PHD ABPP	-525.00
03/15/2024	1387	Check	Mississippi Association of Chiefs of Police	-200.00
03/27/2024	1411	Check	Mississippi Department of Human Services	-301.86
04/01/2024	1412	Check	110 Percent, LLC	-3,000.00
04/01/2024	1413	Check	Kelly Dabbs Commercial, LLC	-8,792.00
04/01/2024	1414	Check	Mississippi Department of Public Safety	-1,076.00
04/01/2024	1415	Check	State General Fund (DFA)	-27,174.50
04/01/2024	1416	Check	Torri Parker Martin, Chapter 13 Trustee	-922.00
04/10/2024	1464	Check	AT&T Mobility	-40.23
04/10/2024	1465	Check	Bear Creek Water Association	-35.24
04/10/2024	1466	Check	Big 10 Tire Co.	-698.35
04/10/2024	1467	Check	Bridge & Watson, Inc.	-30,843.98
04/10/2024	1468	Check	Candlewood Suites Slidell Northshore	-642.00
04/10/2024	1469	Check	Canton Sanitary Landfill	-2,280.67
04/10/2024	1470	Check	Cascio Sanford Government Law Group PLL	-3,609.34
04/10/2024	1471	Check	Cellular South Inc.	-375.00
04/10/2024	1472	Check	CivicPlus, LLC	-5,291.31
04/10/2024	1473	Check	Classic Creations, Inc.	-333.17
04/10/2024	1474	Check	Column Software PBC	-325.53
04/10/2024	1475	Check	Comcast Business	-247.85
04/10/2024	1476	Check	Crystal Clean	-3,291.00
04/10/2024	1477	Check	Deviney Rental & Supply	-13,170.90
04/10/2024	1478	Check	Entergy	-1,538.95
04/10/2024	1479	Check	Executive Landscape	-570.00
04/10/2024	1480	Check	Flock Safety	-6,287.67
04/10/2024	1481	Check	FP Mailing Solutions	-126.90
04/10/2024	1482	Check	Fuelman	-6,033.74
04/10/2024	1484	Check	Highland Building Services, Inc.	-412.50
04/10/2024	1485	Check	Lewis Electric, Inc.	-4,774.00
04/10/2024	1486	Check	Lindsay Kellum	-276.17
04/10/2024	1487	Check	Madison County Board of Supervisors	-244.00
04/10/2024	1489	Check	Magnolia Shredding LLC	-75.00
04/10/2024	1490	Check	Matrix Solutions, Inc	-5,490.00
04/10/2024	1492	Check	Mid South Uniforms and Supply, Inc.	-6,440.00
04/10/2024	1493	Check	Mills, Scanlon, Dye & Pittman, Attorneys at	-17,621.61
04/10/2024	1494	Check	Motorola Solutions, Inc.	-110,339.10

Cleared Checks

Item Date	Reference	Item Type	Description	Amount
04/10/2024	1495	Check	OP Plus	-409.97
04/10/2024	1497	Check	Pennington & Trim Alarm Services, Inc	-66.00
04/10/2024	1498	Check	Phelps Dunbar LLP	-6,968.75
04/10/2024	1499	Check	Revell Hardware Co., Inc.	-267.92
04/10/2024	1500	Check	Robert J Young Company	-1,936.25
04/10/2024	1501	Check	Southern Benefits Administrators	-100.00
04/10/2024	1502	Check	Southern Connection Police Supplies, LLC	-1,388.49
04/10/2024	1503	Check	Stantec Consulting Services Inc (SCSI)	-3,366.00
04/10/2024	1504	Check	Thomson Reuters - West Payment Center	-682.50
04/10/2024	1505	Check	Traffic Control Products	-4,870.00
04/10/2024	1506	Check	Tyler Technologies, Inc.	-250.00
04/10/2024	1507	Check	USPS	-50.00
04/10/2024	1508	Check	Virtual Academy	-630.00
04/10/2024	1510	Check	Waste Management of Mississippi, Inc.	-195.00
04/10/2024	1511	Check	Mississippi Department of Human Services	-150.93
04/10/2024	1512	Check	Torri Parker Martin, Chapter 13 Trustee	-461.00
04/12/2024	129	Check	129	-1,393.88
04/26/2024	130	Check	130	-1,393.88
Total Cleared Checks (56)				-290,286.04

Cleared Other

Item Date	Reference	Item Type	Description	Amount
03/01/2024	DFT0000674	Bank Draft	Mississippi Department of Employment Sec	-674.13
03/29/2024	R-2277	Electronic Fund Transfer	ReR-2277	981.20
04/01/2024	DFT0000769	Bank Draft	Mississippi Department of Employment Sec	-628.22
04/01/2024	DFT0000781	Bank Draft	CenterPoint Energy	-88.26
04/01/2024	DFT0000782	Bank Draft	Entergy	-496.68
04/01/2024	DFT0000783	Bank Draft	Cspire Business	-830.24
04/01/2024	DFT0000835	Bank Draft	Blue Cross Blue Shield Of Mississippi	-10,392.46
04/01/2024	DFT0000836	Bank Draft	Blue Cross Blue Shield Of Mississippi	-10,392.45
04/01/2024	MISC0000132	Miscellaneous	Court Online 3/27/24 \$909.50 batch partia	-240.50
04/02/2024	DFT0000837	Bank Draft	IRS Taxpayer Assistance Center	-3,180.66
04/02/2024	DFT0000838	Bank Draft	IRS Taxpayer Assistance Center	-7,656.22
04/02/2024	DFT0000839	Bank Draft	IRS Taxpayer Assistance Center	-134.26
04/02/2024	DFT0000840	Bank Draft	IRS Taxpayer Assistance Center	-574.06
04/02/2024	DFT0000841	Bank Draft	IRS Taxpayer Assistance Center	-407.94
04/02/2024	DFT0000842	Bank Draft	IRS Taxpayer Assistance Center	-3,238.50
04/02/2024	DFT0000843	Bank Draft	IRS Taxpayer Assistance Center	-1,891.86
04/02/2024	DFT0000844	Bank Draft	IRS Taxpayer Assistance Center	-1,790.56
04/02/2024	DFT0000845	Bank Draft	IRS Taxpayer Assistance Center	-8,089.20
04/02/2024	DFT0000846	Bank Draft	IRS Taxpayer Assistance Center	-3,628.35
04/02/2024	DFT0000847	Bank Draft	IRS Taxpayer Assistance Center	-1,665.80
04/02/2024	DFT0000848	Bank Draft	IRS Taxpayer Assistance Center	-7,123.04

Item Date	Reference	Item Type	Description	Amount
04/02/2024	DFT0000849	Bank Draft	Mississippi Deferred Compensation	-100.00
04/02/2024	DFT0000850	Bank Draft	Mississippi Deferred Compensation	-170.00
04/02/2024	DFT0000851	Bank Draft	Mississippi Deferred Compensation	-370.00
04/02/2024	DFT0000852	Bank Draft	Mississippi Deferred Compensation	-370.00
04/02/2024	DFT0000853	Bank Draft	Mississippi Department of Revenue	-1,484.00
04/02/2024	DFT0000854	Bank Draft	Mississippi Department of Revenue	-1,847.00
04/02/2024	DFT0000855	Bank Draft	Mississippi Department of Revenue	-238.00
04/02/2024	DFT0000856	Bank Draft	Mississippi Department of Revenue	-1,670.00
04/02/2024	MISC0000141	Miscellaneous	Louis Cash Bond Transfer	1,777.00
04/03/2024	DFT0000857	Bank Draft	Morgan White Administrators, Inc.	-84.38
04/03/2024	DFT0000858	Bank Draft	Morgan White Administrators, Inc.	-34.67
04/03/2024	DFT0000859	Bank Draft	Morgan White Administrators, Inc.	-298.30
04/03/2024	DFT0000860	Bank Draft	Morgan White Administrators, Inc.	-12.70
04/03/2024	DFT0000861	Bank Draft	Morgan White Administrators, Inc.	-155.11
04/03/2024	DFT0000862	Bank Draft	Morgan White Administrators, Inc.	-97.08
04/03/2024	DFT0000863	Bank Draft	Morgan White Administrators, Inc.	-177.83
04/03/2024	DFT0000864	Bank Draft	Morgan White Administrators, Inc.	-105.78
04/03/2024	DFT0000865	Bank Draft	American Family Life Assurance Company c	-79.16
04/03/2024	DFT0000866	Bank Draft	American Family Life Assurance Company c	-17.88
04/03/2024	DFT0000867	Bank Draft	American Family Life Assurance Company c	-135.71
04/03/2024	DFT0000868	Bank Draft	American Family Life Assurance Company c	-40.80
04/03/2024	DFT0000869	Bank Draft	American Family Life Assurance Company c	-99.18
04/03/2024	DFT0000870	Bank Draft	American Family Life Assurance Company c	-99.18
04/03/2024	DFT0000871	Bank Draft	American Family Life Assurance Company c	-99.18
04/03/2024	DFT0000872	Bank Draft	American Family Life Assurance Company c	-40.80
04/03/2024	DFT0000873	Bank Draft	American Family Life Assurance Company c	-61.86
04/03/2024	DFT0000874	Bank Draft	American Family Life Assurance Company c	-79.16
04/03/2024	DFT0000875	Bank Draft	American Family Life Assurance Company c	-17.88
04/03/2024	DFT0000876	Bank Draft	American Family Life Assurance Company c	-135.71
04/03/2024	DFT0000877	Bank Draft	American Family Life Assurance Company c	-40.80
04/03/2024	DFT0000878	Bank Draft	American Family Life Assurance Company c	-79.16
04/03/2024	DFT0000879	Bank Draft	American Family Life Assurance Company c	-17.88
04/03/2024	DFT0000880	Bank Draft	American Family Life Assurance Company c	-61.86
04/03/2024	DFT0000881	Bank Draft	American Family Life Assurance Company c	-135.71
04/03/2024	DFT0000882	Bank Draft	American Family Life Assurance Company c	-61.86
04/03/2024	DFT0000883	Bank Draft	Mississippi Public Employees Retirement Sy	-16,392.50
04/03/2024	DFT0000884	Bank Draft	Mississippi Public Employees Retirement Sy	-109.45
04/03/2024	DFT0000885	Bank Draft	Mississippi Public Employees Retirement Sy	-15,040.99
04/03/2024	DFT0000886	Bank Draft	Mississippi Public Employees Retirement Sy	-1,355.66
04/03/2024	DFT0000887	Bank Draft	Mississippi Public Employees Retirement Sy	-118.32
04/03/2024	DFT0000888	Bank Draft	Mississippi Public Employees Retirement Sy	-118.32
04/03/2024	DFT0000889	Bank Draft	Mississippi Public Employees Retirement Sy	-16,668.31
04/03/2024	DFT0000890	Bank Draft	Mississippi Department of Employment Sec	-258.17
04/03/2024	DFT0000891	Bank Draft	Mississippi Department of Employment Sec	-446.37
04/03/2024	DFT0000892	Bank Draft	Mississippi Department of Employment Sec	-538.27

Cleared Other

Section 5, Item C)

Item Date	Reference	Item Type	Description	Amount
04/03/2024	DFT0000893	Bank Draft	Mississippi Department of Employment Sec	-51.35
04/03/2024	DFT0000894	Bank Draft	Mississippi Department of Employment Sec	-614.24
04/03/2024	DFT0000895	Bank Draft	Mississippi Department of Employment Sec	-11.55
04/03/2024	DFT0000896	Bank Draft	Mississippi Department of Employment Sec	-637.67
04/03/2024	MISC0000138	Miscellaneous	Charles Bell \$30 Payment Correction	-30.00
04/05/2024	1197	EFT	Andrew Duggar	-120.00
04/05/2024	1198	EFT	Charles Phillips King	-120.00
04/05/2024	1199	EFT	John G. Sims, III	-1,200.00
04/05/2024	1200	EFT	Katrina B. Myricks	-120.00
04/05/2024	1201	EFT	Kayce Leigh Saik	-120.00
04/05/2024	1202	EFT	M. Devin Whitt, PLLC	-1,200.00
04/05/2024	1203	EFT	Melanie Greer	-120.00
04/05/2024	1204	EFT	Sam McGaugh	-120.00
04/05/2024	1205	EFT	Timothy Slattery	-120.00
04/09/2024	DFT0000826	Bank Draft	Cspire Business	-1,519.03
04/10/2024	1507	Check Reversal	USPS Reversal	50.00
04/10/2024	DFT0000898	Bank Draft Reversal	Lindsay Kellum	0.01
04/12/2024	EFT0000054	EFT	Payroll EFT	-46,583.74
04/15/2024	DFT0000827	Bank Draft	IRS Taxpayer Assistance Center	-80.03
04/19/2024	EFT0000055	EFT	Payroll EFT	-498.07
04/23/2024	DFT0000829	Bank Draft	Mississippi Department of Revenue	-329.90
04/26/2024	DFT0000832	Bank Draft	Madison County Tax Collector	-1,374.32
04/26/2024	EFT0000056	EFT	Payroll EFT	-45,083.51
04/30/2024	DFT0000833	Bank Draft	BankPlus	-42.80
Total Cleared Other (90)				-219,976.37

Outstanding Deposits

Item Date	Reference	Item Type	Description	Amount
04/26/2024	DEP0001873	Deposit	DEPOSIT CASH RECEIPTS	213.00
04/29/2024	DEP0001874	Deposit	DEPOSIT CASH RECEIPTS	976.00
04/30/2024	DEP0001881	Deposit	DEPOSIT CASH RECEIPTS	1,109.50
04/30/2024	DEP0001884	Deposit	CLPKT00532 BG:CC Payment	25.00
Total Outstanding Deposits (4)				2,323.50

Outstanding Checks

Item Date	Reference	Item Type	Description	Amount
10/12/2022	56	Check	Dainty Magnolia	-20.00
02/06/2023	269	Check	Kayce Leigh Saik	-120.00
04/10/2024	1483	Check	Highland Building Services, Inc.	-1,162.50
04/10/2024	1488	Check	Madison County Sheriff's Office	-1,111.76
04/10/2024	1491	Check	MCR Hospitality Fund II TRS LLC	-428.00
04/10/2024	1509	Check	Warner, Inc.	-504.61

Outstanding Checks

Item Date	Reference	Item Type	Description	Amount
04/30/2024	1513	Check	Mississippi Municipal Clerks and Collector's	-150.00
04/30/2024	1514	Check	S.T.O.R.M., Incorporated	-200.00
04/30/2024	1515	Check	Tap-Rack Tactical, LLC	-1,400.00
Total Outstanding Checks (9)				-5,096.87

Outstanding Other

Item Date	Reference	Item Type	Description	Amount
09/30/2022	DFT0000023	Bank Draft	Mississippi Public Employees Retirement Sy	-7,480.76
11/23/2022	DFT0000083	Bank Draft	Southern Benefits Administrators	-80.78
12/08/2022	DFT0000074	Bank Draft Reversal	IRS Taxpayer Assistance Center	67.00
12/08/2022	DFT0000075	Bank Draft Reversal	IRS Taxpayer Assistance Center	257.58
12/08/2022	DFT0000077	Bank Draft Reversal	IRS Taxpayer Assistance Center	28.62
01/01/2023	DFT0000117	Bank Draft	Southern Benefits Administrators	-80.78
01/02/2023	DFT0000127	Bank Draft	Southern Benefits Administrators	-80.78
11/30/2023	DFT0000667	Bank Draft	Southern Benefits Administrators	-161.56
01/31/2024	DFT0000678	Bank Draft	Southern Benefits Administrators	-46.15
Total Outstanding Other (9)				-7,577.61

Voided Checks

Item Date	Reference	Item Type	Description	Amount
04/10/2024	1496	Check	Void Check	0.00
Total Voided Checks (1)				0.00

Bank Statement Register

Transaction Summary



Gluckstadt, MS

Transaction Type	Count	Outstanding	Cleared	Total
Bank Draft Reversal	4	353.20	0.01	353.21
Bank Draft	78	-7,930.81	-127,108.76	-135,039.57
Check	66	-5,096.87	-290,286.04	-295,382.91
Deposit	72	2,323.50	391,236.51	393,560.01
EFT	12	0.00	-95,405.32	-95,405.32
Check Reversal	1	0.00	50.00	50.00
EFT Reversal	1	0.00	981.20	981.20
Miscellaneous	3	0.00	1,506.50	1,506.50
		-10,350.98	-119,025.90	-129,376.88



Gluckstadt, MS

Bank Statement Register

COURT BOND ACCOUNT (HOLDING)

Period 3/30/2024 - 4/30/2024

Packet: BRPKT00107

Bank Statement		General Ledger	
Beginning Balance	10,562.00	Account Balance	15,908.00
Plus Debits	7,123.00	Less Outstanding Debits	0.00
Less Credits	1,777.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	15,908.00	Adjusted Account Balance	15,908.00

Statement Ending Balance	15,908.00
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

003-000-10100 CASH

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
03/27/2024	DEP0001738	Deposit	CLPKT00490 BG:CC Payment	250.00
04/17/2024	DEP0001838	Deposit	CLPKT00521 BG:CC Payment	1,000.00
04/18/2024	DEP0001847	Deposit	CLPKT00523 BG:CC Payment	1,100.00
04/18/2024	DEP0001847	Deposit	CLPKT00523 BG:Cash	2,773.00
04/22/2024	DEP0001860	Deposit	CLPKT00526 BG:Cash	250.00
04/23/2024	DEP0001867	Deposit	CLPKT00528 BG:CC Payment	500.00
04/29/2024	DEP0001877	Deposit	CLPKT00530 BG:Cash	1,250.00
Total Cleared Deposits (7)				7,123.00

Cleared Other

Item Date	Reference	Item Type	Description	Amount
04/02/2024	MISC0000139	Miscellaneous	Louis Cash Bond Transfer	-1,777.00
Total Cleared Other (1)				-1,777.00

Bank Statement Register

Transaction Summary



Gluckstadt, MS

Transaction Type	Count	Outstanding	Cleared	Total
Deposit	7	0.00	7,123.00	7,123.00
Miscellaneous	1	0.00	-1,777.00	-1,777.00
		0.00	5,346.00	5,346.00



Gluckstadt, MS

Bank Statement Register

POLICE STATION FUND, CAPITAL PROJECT

Period 3/30/2024 - 4/30/2024

Packet: BRPKT00103

Bank Statement		General Ledger	
Beginning Balance	280,676.40	Account Balance	274,347.35
Plus Debits	0.00	Less Outstanding Debits	0.00
Less Credits	6,329.05	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	274,347.35	Adjusted Account Balance	274,347.35

Statement Ending Balance	274,347.35
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

002-000-10100 CASH

Cleared Checks

Item Date	Reference	Item Type	Description	Amount
04/10/2024	13	Check	Dean Architecture	-6,329.05
Total Cleared Checks (1)				-6,329.05

Bank Statement Register

Transaction Summary



Gluckstadt, MS

Transaction Type	Count	Outstanding	Cleared	Total
Check	1	0.00	-6,329.05	-6,329.05
		0.00	-6,329.05	-6,329.05



Gluckstadt, MS

Bank Statement Register

Section 5, Item C)

E STATION FUND #2, CAPITAL PROJECTS 2023

Period 3/30/2024 - 4/30/2024

Packet: BRPKT00104

Bank Statement

General Ledger

Beginning Balance	750,000.00	Account Balance	750,000.00
Plus Debits	0.00	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	750,000.00	Adjusted Account Balance	750,000.00

Statement Ending Balance	750,000.00
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

005-000-10100 CASH

Section 5, Item C)



Gluckstadt, MS

Bank Statement Register

E STATION FUND #3, CAPITAL PROJECTS 2023

Period 3/30/2024 - 4/30/2024

Packet: BRPKT00105

Bank Statement

General Ledger

Beginning Balance	3,714,820.64	Account Balance	3,217,421.54
Plus Debits	0.00	Less Outstanding Debits	0.00
Less Credits	497,399.10	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	3,217,421.54	Adjusted Account Balance	3,217,421.54

Statement Ending Balance	3,217,421.54
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

006-000-10100 CASH

Cleared Checks

Item Date	Reference	Item Type	Description	Amount
04/10/2024	14	Check	Benchmark Construction Corp.	-497,399.10
Total Cleared Checks (1)				-497,399.10

4/30/2024 2:54:05 PM

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Bank Statement Register

Transaction Summary



Gluckstadt, MS

Transaction Type	Count	Outstanding	Cleared	Total
Check	1	0.00	-497,399.10	-497,399.10
		0.00	-497,399.10	-497,399.10



Gluckstadt, MS

Bank Statement Register

POLICE STATION DEBT SERVICE FUND

Period 3/30/2024 - 4/30/2024

Packet: BRPKT00106

Bank Statement		General Ledger	
Beginning Balance	617,030.71	Account Balance	617,030.71
Plus Debits	0.00	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	617,030.71	Adjusted Account Balance	617,030.71

Statement Ending Balance	617,030.71
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

200-000-10100 CASH



Gluckstadt, MS

Bank Statement Register

OFFICE STATION SEARCH AND SEIZURE ACCOUNT

Period 3/30/2024 - 4/30/2024

Packet: BRPKT00108

Bank Statement

General Ledger

Beginning Balance	2,773.00	Account Balance	2,773.00
Plus Debits	0.00	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	2,773.00	Adjusted Account Balance	2,773.00

Statement Ending Balance	2,773.00
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

100-000-10100 CASH

Proposed Zoning Ordinance Changes

The following are changes I propose to the zoning ordinance to make our adopted regulations more cohesive across them all.

1. States the preamble is found to be true and correct.
2. Definitions: Add the following: Conceptual Site Plan: A drawing indication the location of existing and proposed buildings or other structures, landscaping, points of access/egress, and driveways on a single lot.
3. 406.10 – Amend to read, “...Such numbers shall be a minimum of four (4) inches in height with a minimum stroke of one-half (.5) inches and contrast with their background color.” This will bring the zoning ordinance into agreement with the 2018 IBC, 2018 IRC, 2018 IFC.
4. 503.03 – Table – Local and Collector minimum driveway width regulations – Change to 26 feet. This will bring the zoning regulations and fire access requirements of the 2018 IFC into agreement.
5. 804.01 – Amend to read, “The applicant shall complete the application and provide one (1) copy to the Zoning Administrator.”
6. 805.01 – Amend to read, “The applicant shall complete the application and provide one (1) copy to the Zoning Administrator.”
7. 806.01 - Amend to read, “The applicant shall complete the application and provide one (1) copy to the Zoning Administrator.”
8. 806.02 – Amend to read, “...then the application for rezoning shall be accompanied by a conceptual site plan as defined in Section 301.”
9. 808.02 – Amend to read “Three (3) copies and a digital file copy shall be prepared and submitted to the Zoning Administrator.” and “Site plans shall be submitted by the 1st day of the month....”
10. Article XXII – C-2 District – Dimensional Requirements Table – Amend to read “Minimum Lot Width (Center/Ind.): 200/100 feet.
11. 2203.03(B) – Amend to read, “Independent commercial uses: 100 feet (unless access can be arranged between two or more lots having common frontage with less than 100 feet for each lot).”

**ORDINANCE OF THE MAYOR AND BOARD OF ALDERMEN OF
THE CITY OF GLUCKSTADT, MISSISSIPPI AMENDING THE
ZONING ORDINANCE OF THE CITY OF GLUCKSTADT, MISSISSIPPI**

WHEREAS, the Mayor and Board of Aldermen of the City of Gluckstadt, Mississippi did lawfully adopt a Zoning Ordinance on December 16, 2021, after proper notice and a public hearing; and,

WHEREAS, the Mayor and Board of Aldermen now desire to amend certain sections of the City’s Zoning Ordinance; and,

WHEREAS, in the time and manner provided for by law, the City of Gluckstadt did cause a public hearing to be noticed and published and set for April 23, 2024, at 6:00 o’clock p.m. in City Hall before the Planning and Zoning Commission to consider a text amendment to the City’s Zoning Ordinance; and,

WHEREAS, at the time date and place specified in the notice, the Planning and Zoning Commission of the City of Gluckstadt, Mississippi did conduct a full and complete hearing and thereafter did recommend that the Zoning Ordinance of the City of Gluckstadt, Mississippi be amended as set out hereinafter; and,

WHEREAS, the Mayor and Board of Aldermen find that there exists both a public need and a change in character of the neighborhood for a text amendment to the City’s Zoning Ordinance; and

NOW THEREFORE BE IT ORDAINED, by the Mayor and Board of Aldermen of the City of Gluckstadt, Mississippi, that the following sections are hereby adopted as amendments to the Official Zoning Ordinance of the City of Gluckstadt, Mississippi, as provided in the following sections:

SECTION 1

That the matters and facts stated in the preamble hereof are found to be true and correct.

SECTION 2

Amend Section 301 of the Zoning Ordinance by adding thereto the following definition:

“Conceptual Site Plan: A drawing indicating the location of existing and proposed buildings or other structures, landscaping, points of ingress/egress, and driveways on a single lot.”

SECTION 3

Amend Section 406.10 of the Zoning Ordinance so that it now reads as follows:

“All permanent structures hereafter constructed in the City of Gluckstadt shall have street/road numbers posted either on the structure, or at the street/road right-of-way on which such structures front. Such numbers shall be a minimum of four (4) inches in height with a minimum stroke of one-half (.5) inches and contrast with their background color.”

SECTION 4

Amend the table titled “Minimum Distance Required in 503.03” in Section 503.03 of the Zoning Ordinance to change the “Driveway Width Regulations” for local and collector streets to a minimum of 26 feet.

SECTION 5

Amend Section 804.01 of the Zoning Ordinance so that it now reads as follows:

“Any person desiring a dimensional variance from the terms of this Ordinance shall submit a written application (on a form furnished by the Zoning Administrator) demonstrating compliance with all of the following. The applicant shall complete the application and provide one (1) copy to the Zoning Administrator. Applications shall be submitted by the 1st day of the month preceding the next regular meeting of the Planning and Zoning Commission at which the application is to be reviewed, or it will not be placed on the Planning and Zoning Commission agenda for that meeting. A variance shall not be granted unless the applicant demonstrates: A. That special conditions and circumstances exist which are peculiar to the land, structure, or building involved and which are not applicable to other lands, structures, or buildings, in the same district. B. That literal interpretation of the provisions of this Ordinance would deprive the applicant of rights commonly enjoyed by other properties in the same district under the terms of this Ordinance. C. That granting the variance requested will not confer on the applicant any special privilege that is denied by this Ordinance to other lands, structures, or buildings in the same zoning district.”

SECTION 6

Amend Section 805.01 of the Zoning Ordinance so that it now reads as follows:

“Any person desiring a conditional use permit shall submit a written application (on a form furnished by the Zoning Administrator) indicating the Section in the Ordinance under which the conditional use is sought and stating the grounds on which it is requested. The applicant shall complete the application and provide one (1) copy to the Zoning Administrator. Applications shall be submitted by the 1st day of the month preceding the next regular meeting of the Planning and Zoning Commission at which the application is to be reviewed, or it will not be

placed on the Planning and Zoning Commission agenda for that meeting. The Planning and Zoning Commission shall not grant a conditional use unless satisfactory provision and arrangement has been made concerning all of the following: A. Ingress and egress to property and proposed structures thereon with particular reference to vehicular and pedestrian safety and convenience, traffic flow and control, and access in case of fire or catastrophe. B. Off-street parking and loading areas. C. Refuse and service areas. D. Utilities, with reference to locations, availability, and compatibility. E. Screening and buffering with reference to type, dimensions, and character. F. Required yards and other open space. G. General compatibility with adjacent properties and other property in the district. H. Whether or not the proposed use will have any adverse impact upon nearby properties or the community at large. Examples of adverse impact include, but are not limited to, the following: a. The extent to which on-site lighting spills onto or is directed toward adjacent property. b. The extent to which noise generated by the conditional use will have a negative impact upon the peaceful use and enjoyment of adjacent properties or surrounding neighborhoods. c. The extent to which noise generated by patrons, customers, clients, or users of the conditional use will have a negative impact upon the peaceful use and enjoyment of adjacent properties or surrounding neighborhoods. d. The extent to which the proposed conditional use will have a cluttered appearance as a result of site design, signage, or other features that may be visible from the street or adjoining properties. e. The hours of operation or frequency of use. f. I. The impact to natural features, such as tree cover, drainage courses, flooding and erosion. Any other provisions deemed applicable by the Planning and Zoning Commission or the Mayor and Board of Aldermen.”

SECTION 7

Amend Section 806.01 of the Zoning Ordinance so that it now reads as follows:

“Amendments to this Ordinance include: (1) amendments to the text; and (2) amendments to the Official Zoning Map, which is legally a part of this Ordinance. Any person may initiate an amendment to this Ordinance by filing an application with the Zoning Administrator (on a form furnished by him/her). The applicant shall complete the application and provide one (1) copy to the Zoning Administrator. Applications shall be submitted by the 1st day of the month preceding the next regular meeting of the Planning and Zoning Commission at which the application is to be reviewed, or it will not be placed on the Planning and Zoning Commission agenda for that meeting. All applications for rezoning shall be accompanied by a legal property description in digital form.”

SECTION 8

Amend Section 806.02 of the Zoning Ordinance so that it now reads as follows:

“If a specific use is identified by the applicant for a rezoning (i.e., a proposed amendment to the Official Zoning Map), then the application for rezoning shall be accompanied by a conceptual site plan as defined in Section 301.”

SECTION 9

Amend Section 808.02 of the Zoning Ordinance so that it now reads as follows:

“Three (3) copies and a digital file copy of each site plan shall be prepared and submitted to the Zoning Administrator. Site plans shall be submitted by the 1st day of the month preceding the next regular meeting of the Planning and Zoning Commission at which the plan is to be reviewed, or it will not be placed on the Planning and Zoning Commission agenda for that meeting. The Zoning Administrator shall notify the applicant of any deficiencies or omissions in the site plan. The site plan shall not be processed until all required data is provided as prescribed in Section 809 of this Ordinance.”

SECTION 10

Amend the dimensional requirements table at Article XXII: Highway Commercial District (C-2) by changing the “Minimum Lot Width” to the following:

“Minimum Lot Width (Center/Ind.): 200/100 feet”

SECTION 11

Amend Section 2203.03(B) of the Zoning Ordinance so that it now reads as follows:

“Independent commercial uses: 100 feet (unless access can be arranged between two or more lots having common frontage with less than 100 feet for each lot).”

SECTION 12

This Ordinance shall take effect and be in force one (1) month from and after passage as provided by law.

MOTION made to adopt the foregoing Ordinance was made by Alderman _____ and SECONDED by Alderman _____ and the foregoing having first been reduced to writing, was submitted to a Roll Call Vote, the result was as follows:

Alderman Bates voted:	Aye / Nay
Alderman Powell voted:	Aye / Nay
Alderman Slay voted:	Aye / Nay
Alderman Taylor voted:	Aye / Nay
Alderman Williams voted:	Aye / Nay

WHEREUPON, the Mayor declared the Motion had carried and that the Ordinance was adopted.

SO ORDAINED, ADOPTED, AND APPROVED by the Mayor and Board of Alderman of the City of Gluckstadt, Madison County, Mississippi at its regular meeting held on the _____ day of _____, 2024.

Walter C. Morrison, Mayor of the
City of Gluckstadt, Mississippi

ATTEST:

Lindsay Kellum, City Clerk

[S E A L]

ORDINANCE NO. 2024-_____

ORDINANCE OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF GLUCKSTADT, MISSISSIPPI ESTABLISHING REGULATIONS FOR FOOD TRUCKS AND MOBILE FOOD VENDORS WITHIN MUNICIPAL LIMITS

WHEREAS, the City of Gluckstadt wishes to establish rules and regulations for food trucks and mobile food vendors within the City; and,

WHEREAS, pursuant to Mississippi Code Annotated Section 21-19-1, the governing authorities of the City of Gluckstadt have the power to make regulations to secure the general welfare of the municipality; and

NOW THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF ALDERMEN FOR THE CITY OF GLUCKSTADT, MISSISSIPPI, as follows:

SECTION 1: ALLOWED LOCATIONS

Any general or major thoroughfare commercial or industrial and shall be subject to the procedures set forth in Section 805 of the Zoning Ordinance of the City of Gluckstadt

SECTION 2: APPLICABLE LAWS

All requirements of federal, state and local laws shall be met, and permits for operation from the Mississippi Department of Health must be maintained.

SECTION 3: DISPLAY AND STORAGE

No storage or display of materials, goods, supplies, or equipment related to the operation of a food truck (excluding trash receptacles) shall be visible from the outside of any vehicle involved in the operation.

SECTION 4: HOURS OF OPERATION

Allowed hours of operation shall be limited to thirty (30) minutes prior to sunrise and thirty (30) minutes after sunset, unless the Mayor and Board of Aldermen determine different hours of operation as stated in the conditional use permit or special event permit.

SECTION 5: PRIVILEGE LICENSE REQUIRED

A privilege license and operation permit must be obtained from the Mississippi Department of Health and Zoning Administrator prior to the initiation of a food truck operation. The local permit shall cost an initial fee of \$1,000, and the permit shall be renewed annually for a fee of \$500.

SECTION 6: SPECIAL EVENTS

Food trucks or mobile food vendors wishing to conduct business within the City for the sole purpose of a special event shall obtain a permit from the Zoning Administrator. The special event permit shall cost an initial \$50, and the permit may be renewed for an additional \$50 per day for no more than three (3) days.

SECTION 7: EFFECTIVE DATE

The regulations adopted herein shall take effect thirty (30) days after the adoption of this Ordinance.

ORDAINED, ADOPTED, AND APPROVED by the Mayor and Board of aldermen of the City of Gluckstadt, Madison County, Mississippi at a regular meeting thereof held on _____ the _____ day of _____ 2024.

A MOTION to adopt the foregoing Ordinance was made by _____ and SECONDED by _____ and the foregoing having been first reduced to writing, was submitted to the Board of Aldermen for passage or rejection on roll call vote with the following results:

Alderman Maya Warfield	voted: _____
Alderman Jayce Powell	voted: _____
Alderman Wesley Slay	voted: _____
Alderman John Taylor	voted: _____
Alderman Lisa Williams	voted: _____

CITY OF GLUCKSTADT, MISSISSIPPI

BY: _____
WALTER MORRISON, MAYOR

ATTEST:

LINDSAY KELLUM, CITY CLERK

ORDINANCE NO. _____

AN AMENDED ORDINANCE OF THE CITY OF GLUCKSTADT, MISSISSIPPI, ESTABLISHING THE PROCEDURE AND COSTS FOR OBTAINING A SPECIAL EVENTS PERMIT, AND THE PUNISHMENT FOR VIOLATING THIS ORDINANCE

WHEREAS, the City of Gluckstadt previously adopted an Ordinance establishing the procedure and costs for obtaining a special events permit; and

WHEREAS, the City of Gluckstadt now wishes for the previous ordinance to be amended;

NOW THEREFORE, BE IT ORDAINED BY THE MAYOR AND BOARD OF ALDERMEN FOR THE CITY OF GLUCKSTADT, MISSISSIPPI, as follows:

Section 1. Purpose. The regulations contained in this article are ordained and required for the public health, safety, morals, good order, convenience, and general welfare of the community. It is the intention of this article to establish reasonable limits to the demand for police, fire, sanitation, and other city services, to minimize detrimental effects to surrounding properties, to recover a reason portion of the cost of such events to the city, and to provide a regulatory framework for permitting special events.

Section 2. Definitions. The following definitions apply where such words appear in this article:

Applicant shall mean any person or organization who seeks a special event permit from the city to conduct or sponsor an event governed by this section. An applicant must be 18 years of age or older.

Athletic event shall mean an occasion in which a group of persons collectively engage in a sport or form of physical exercise, and which is conducted on any city street, sidewalk, alley or other public right-of-way, or other property owned or controlled by the city, which obstructs, delays, impedes, impairs, or interferes with their usual, normal, and free pedestrian or vehicular use, or does not comply with traffic laws and controls. Athletic events include, but are not limited to, bicycling and foot races.

Banner shall mean a display constructed of canvas, nylon, or vinyl, with proper implements for installation, which advertises an upcoming special event or other topic of interest and benefit to the city, and which is designed for display along the public right-of-way.

Block party shall mean a gathering of neighbors or businesses for the purpose of fellowship, the beautification of an area, or the exposure of the residents to the arts or music, that may or may not require the blocking of any city street. The definition of block parties includes barbeques, picnics, music, games, and dances.

City-sponsored event shall mean an event which is organized by the city, or which the city directly funds and agrees to sponsor or co-sponsor.

Fair or carnival shall mean an enterprise offering amusement attractions or rides, and operation of said events shall be governed by the City of Gluckstadt Code of Ordinances.

Festival shall mean a gathering of people for the buying and selling of goods; an occasion for feasting or celebration; an event usually for the benefit of a charity, public institution, or neighborhood organization; including entertainment, games, and the sale of goods.

Float is defined as a vehicle with two or more wheels without brakes or an engine for its own propulsion, towed or pulled by a pull vehicle, animal, or person(s), upon which is constructed an artistic design, and which may or may not carry costumed riders.

Float walkers are defined as a group of individuals who walk in designated areas beside a float and its pull vehicle during a parade. It is their responsibility to prevent anyone from entering hazardous areas around the float while it is moving, prevent anyone from entering or leaving the float while it is moving, prevent anyone from entering or leaving the float during the parade, and notify the spotter in the pull vehicle of any problem requiring the float to be stopped.

Game is defined as an amusing or competitive activity, involving skill that may or may not include the winning of a prize.

Other special event shall mean an event planned to be held on any city street, sidewalk, alley or other public right-of-way, or other property owned or controlled by the city that meets all three of the following criteria: (a) is reasonably expected to cause or result in more than 25 people gathering in a park or other public place; (b) is reasonably expected to have a substantial impact on such park or other public place; and (c) is reasonably expected to require the provision of substantial public services.

Parade shall mean any organized movement or march of persons and/or things which requires the closure of streets to prevent a conflict with the regular flow of vehicular traffic.

Pre-established route shall mean a route (course of travel) along designated streets, sidewalks or other street rights-of-way that has been established by the chief of police for use by special events whose primary purpose is First Amendment expression.

Pull vehicle shall mean any vehicle, truck, or car that is suitable in size and weight to pull the size float that is attached to its rear trailer hitch.

Special events committee shall mean the four-member-committee designated to review applications for special event permits.

Special events coordinator shall mean the representative of the Gluckstadt Police Department, who shall have the duty to receive and administer all permit applications pursuant to this article, to classify special events for purposes of imposing the permit fee, and to issue final permits.

Section 3. Special Events Committee. There is hereby created a special events committee, designated to review all requests for permits pursuant to this article. The special events

committee shall consist of the Chief of Police, the Public Works Director, the Zoning Administrator, and the City Clerk, or their respective designee, and the committee shall have the authority to establish regulations for the orderly enforcement and administration of the article, which shall be consistent with the provisions of this article.

Section 4. Permit required; exemptions. Any person desiring to conduct or sponsor a parade, athletic event, block party, festival or other special event in the City shall first obtain a special event permit from the special events committee. A special event permit is not required for the following:

- (1) Any parade, athletic event, block party, festival or other special event that is a city-sponsored event; or
- (2) Funeral processions.

Section 5. Deadline to submit application.

(a) Any person desiring to sponsor a parade, athletic event, block party, festival or other special event not exempted by this article shall apply for a special event permit by filing an application with the special events committee of the City of Gluckstadt on a form supplied by that committee. Applications must be submitted not less than 15 days nor more than 30 days before the event date.

(b) Upon a showing of good cause, the special events committee shall consider an application that is filed after the filing deadline, if there is sufficient time to process and investigate the application and to obtain police services for the event, if necessary. Good cause can be demonstrated by the applicant showing that the circumstances giving rise to the permit application did not reasonably allow the participants to file within the time prescribed, and that the event is for the primary purpose of exercising the right of free speech, and that the applicant will select a pre-established route.

Section 6. Application requirements. The application for a special event permit shall provide the following information:

- (1) *All events.*
 - a. Name, address and telephone number of the applicant and an alternate contact person;
 - b. If the event is proposed to be sponsored by an organization, the name address and telephone number of that organization, and the authorized head of the organization; if requested by the coordinator, written authorization to apply for the special events permit by an officer of the organization;
 - c. Name, address and telephone number of the person who will be present and in charge of the event on the day of the event;

- d. Type of event and purpose of the event;
- e. Date and estimated starting and ending time of the event;
- f. Location of the event including its boundaries;
- g. Estimated number of participants and spectators in the event;
- h. Type and estimated number of vehicles, animals, and structures that will be used at the event;
- i. Description of any sound amplification equipment that will be used at the event;
- j. Whether any food or beverages, including alcoholic beverages, or merchandise will be sold at the event;
- k. Whether monitors or private security will be employed at the event;
- l. Parking requirements and arrangements for the event;
- m. Whether any banners will be utilized to promote the event, and desired locations of these banners; and
- n. Whether there will be water, toilets and first aid provided to the participants and the locations of the water, toilets and first aid.
- o. If a food truck or mobile food vendor is required, refer to the food truck ordinance for all applicable requirements and fees.

(2) Additional information required for parades, races and other events occurring along a street or road.

- a. The assembly point for the event, the time at which units of the parade or other event will begin to assemble;
- b. The route to be traveled;
- c. Whether the parade or other event will occupy all or only a portion of the streets proposed to be traversed;
- d. The intervals of space to be maintained between units of a parade or other event;
- e. The number, types and size of floats;
- f. Material and maximum size of any signs or banners to be carried along the route; and

g. Any rules or regulations developed by the organizers that apply to the event.

(3) *Supplemental information.* Any supplemental information which the coordinator shall find reasonably necessary, under the particular circumstances of the special event application, to determine whether to approve, or conditionally approve a special event permit.

(4) *Certification of understanding.* All applicants must certify that they understand that the grant of any permit under this article shall not be deemed waiver on the part of the city of the terms of any other ordinance or policies of the city.

Section 7. Approval. The special events committee may approve, conditionally approve, or deny an application. Such action shall be taken no later than fifteen (15) days after receiving a completed application for an event along a pre-established route. Action on all other special event applications shall be taken no later than ten (10) working days after receiving a completed application, unless the applicant is requested to provide additional or supplemental information, in which case the action may be delayed until such time as that information is received by the special events committee. If the application is denied, the special events committee shall inform the applicant of the grounds for denial in writing, and his right of appeal. If the special events committee relied on information about the event other than that contained in the application, the committee shall inform the applicant about this information that was considered. The applicant shall be notified of any conditions placed on the permit at the time the application is approved and of his right to appeal those conditions. If the committee refuses to consider a late application as provided by this article, the committee shall inform the applicant of his reason for the refusal, and of his right of appeal.

Section 8. Grounds for denial of application or revocation of a special event permit.

(a) The special events committee shall approve an application for a special permit unless it determines from a consideration of the application, or other pertinent information, any of the following, which shall also be justification for the special events committee to revoke a previously issued permit:

(1) Information contained in the application, or supplemental information requested from the applicant, is found to be false in any material detail; or

(2) The applicant fails to complete the application form within five calendar days after having been notified of the additional information or documents required; or

(3) Another special event permit application has been received prior in time, or has already been approved, to hold another event at the same time and place requested by the applicant; or so close in time and place as to cause undue traffic congestion; or

(4) Another special event permit application has been received prior in time or has already been approved such that the police department is unable to meet the needs for police services for both events; or

- (5) The time, route, or size of the event will substantially interrupt the safe and orderly movement of traffic contiguous to the event site or route, or disrupt the use of a street at a time when it is usually subject to great traffic congestion; or
- (6) The concentration of persons, animals, and vehicles at the site of the event, or the assembly and disbanding areas around an event, will prevent proper police, fire, or ambulance services to areas contiguous to the event; or
- (7) The size of the event will require diversion of so great a number of police officers of the city to ensure that all participants stay within the boundaries or route of the event, or to protect participants in the event, as to prevent normal protection to the remainder of the city; or
- (8) The parade, or other event moving along a route, will not move from its point of origin to its point of termination in three hours or less; or
- (9) The location of the event will substantially interfere with any construction or maintenance work scheduled to take place upon or along the city streets, or along any public right-of-way, or where construction work is scheduled in connection with a previously granted encroachment permit; or
- (10) The event shall occur at a time when school is in session at a route or location adjacent to the school or class thereof, or on a route or at a location adjacent to any hospital such that the noise created by the activities of the event would substantially disrupt the educational activities of the school or class thereof, or would cause a disturbance and be detrimental to the well-being of any patients at the hospital; or
- (11) The event is a parade that is scheduled to begin after the hour of 8:00 p.m.

(b) Nothing herein authorizes denial of a permit because of the need to protect participants from the conduct of others, if reasonable permit conditions can be imposed to allow for adequate protection of event participants with the number of police officers available to police the event.

(c) When grounds for denial of an application for permit specified in subsection (a)(3) through (a)(11) above can be corrected by altering the date, time, duration, route, or location of the event, the special events coordinator shall, instead of denying the application, conditionally approve the application upon the applicant's acceptance of conditions for permit issuance. The conditions imposed shall provide for only such modification of the applicants proposed event as are necessary to achieve compliance with subsections (a)(3) through (a)(11) above.

Section 9. Conditions.

(a) The special events committee may condition the issuance of a special events permit by imposing reasonable requirements concerning the time, place and manner of the event, and such requirements as are necessary to protect the safety of persons and property, and the control of

traffic, provided such conditions shall not unreasonably restrict the right of free speech. Such conditions may include, but are not limited to the following:

- (1) Alteration of the date, time, route, or location of the event proposed on the event application.
 - (2) Conditions concerning the area of assembly and disbanding of a parade or other events occurring along a route.
 - (3) Conditions concerning accommodation of pedestrian or vehicular traffic, including restricting the event to only a portion of a street traversed.
 - (4) Requirements for the use of traffic cones and barricades.
 - (5) Requirements for the provision of first aid or sanitary facilities.
 - (6) Requirements for the use of event monitors and the providing of notice of permit conditions to event participants.
 - (7) Restrictions on the number and type of vehicles, animals, or structures at the event, and inspection and approval of all floats, structures, and decorated vehicles for fire safety by the fire department.
 - (8) Compliance with animal protection ordinances and laws.
 - (9) Requirements for use of garbage containers, and the cleanup and restoration of city property.
 - (10) Restrictions on the use of amplified sound; and
 - (11) Proof of notification of the event to businesses and residences along the affected route or street(s) in advance of the event.
- (b) All events will be conditioned upon compliance with any relevant ordinance or law, including but not limited to any ordinances governing the construction and safety of temporary structures, booths, or tents and on the procurement of any legally required permits, licenses or certificates, including, but not limited to, any necessary business permits, beer permits, fire safety inspection permits, and state health department permits.

Section 10. Special provisions. The special events committee shall have the authority to establish rules of procedure and safety provisions to govern particular events. Said rules of procedure shall be made available to the public.

Section 11. Appeals.

(a) The applicant shall have the right to appeal the denial of a permit or a permit condition to the Board of Aldermen of the City of Gluckstadt by the filing of a notice of appeal with the special events committee within ten (10) days of notification of said denial or permit condition.

(b) The Board of Aldermen shall hold a hearing at the next available regularly scheduled meeting of that body. The decision of the Board of Aldermen shall be final.

Section 12. Indemnification. Prior to the issuance of a special event permit, the permit applicant or sponsor (if any), must sign an agreement to reimburse the City for any costs incurred by the city in repairing damage to city property occurring in connection with the permitted event proximately caused by the actions of the permittee/sponsoring organization, its officers, employees, or agents, or any person who was under the permittee/sponsoring organizations control insofar as permitted by law. The agreement shall also provide that the permittee/sponsoring organization shall hold harmless, indemnify and defend the City, its officials, members, agents and employees from any claim of injury or damage arising from or proximately caused by actions of the permittee/sponsoring organization, its officers, employees, or agents, or any person who was under the permittee/sponsoring organization's control, in connection with the permitted event, regardless of whether the City is actively negligent or passively negligent, except for those claims, costs, damages, demands, liability and notices, or any of these, caused solely by the negligence or willful misconduct of the city. Persons who merely join in a parade or event are not considered to be "under the control" of the permittee/sponsoring organization by that reason alone.

Section 13. Insurance.

(a) The applicant/sponsoring organization of an event must possess or obtain public liability insurance to protect against loss from liability imposed by law for damages on account of bodily injury and property damage arising from the event. Such insurance shall name on the policy or by endorsement as additional insureds the city, its officers, employees, and agents. Insurance coverage must be maintained for the duration of the event. Coverage shall be a comprehensive general liability insurance policy with the following minimum limits:

(1) \$250,000.00 each person—Bodily injury; \$500,000.00 each occurrence—Bodily injury; \$100,000.00 each occurrence—Property damage; or

(2) \$500,000.00 each occurrence combined single limit bodily injury and property damage.

(b) A copy of the policy or certificate of insurance along with all necessary endorsements must be filed with the special events coordinator no less than five days before the date of the event, unless the special events coordinator for good cause waives the filing deadline. The special event permit shall not be issued by the special events coordinator until after the insurance policy or

certificate of insurance, along with necessary endorsements, have been filed by the applicant/sponsor and approved by the special events coordinator.

(c) The insurance requirements of subsections (a) and (b) above shall not apply to any special event classified as a Class D special event. Nothing herein shall waive the requirement to complete the indemnification agreement.

(d) The insurance requirements of subsections (a) and (b) above may be waived by the special events committee for non-athletic events, if the applicant or officer of the sponsoring organization signs a verified statement that he believes the event's purpose is First Amendment expression, and that he has determined that the cost of obtaining insurance is so financially burdensome that it would constitute an unreasonable burden on the right of First Amendment expression. The statement shall include the name and address of one insurance agent or other source for insurance coverage contacted to determine insurance premium rates for insurance coverage. The committee shall review such statement before any determination regarding waiver of insurance. Nothing herein shall waive the requirement to complete the indemnification agreement.

Section 14. Fees.

(a) The special events committee shall classify each application according to the following criteria:

- (1) The anticipated amount of extra personnel that shall be required to be furnished by the city to accomplish the necessary public safety and sanitation components of the special event. By agreement, as endorsed upon the permit or in a separate contract, the applicant may furnish some of the personnel required; and the anticipated personnel requirements for classification purposes shall be considered as reduced accordingly;
- (2) The type and amount of city services required other than extra personnel hours; and
- (3) The anticipated number of persons attending the event over the entire period of the special event.

(b) The classes of special event permits and the evaluated factors of each class shall be as follows:

- (1) *Class A permit.* For a special event which will require between 25 and 50 extra personnel hours and for which the attendance is anticipated to be in excess of 5,000 persons over the entire period of the special event.
- (2) *Class B permit.* For a special event which will require between three and 25 extra personnel hours and for which the attendance is anticipated to be from 500 to 5,000 persons over the entire period of the special event.

(3) *Class C permit.* For a special event which will require fewer than three extra personnel hours and for which the attendance is anticipated to be less than 500 persons over the entire period of the special event.

(4) *Class D permit.* For a special event which will require no city services and for which the attendance is anticipated to be 200 persons or less over the entire period of the special event; for any parade sponsored by an educational institution; for the inaugural parade for the Governor of Mississippi.

(c) If a special event permit is approved, the applicant may obtain such permit by agreeing to accept the classification and conditions imposed by the special events coordinator and by paying the applicable permit fee and sanitation deposit. Such fees shall be determined according to the following schedule:

(d) Any special event requiring in excess of the extra personnel hours and city services anticipated in the application and endorsed on the permit shall reimburse the city for the cost of such excess personnel hours and services in addition to the initial permit fee.

(e) Upon satisfactory completion of the sanitation deposit agreement, the sanitation deposit fee shall be refunded to the applicant.

(f) The special events committee shall waive all fees, other than the application fee, for any event not involving the sale of food or beverages, and not requiring the blocking of any streets or otherwise impeding the flow of vehicular traffic, which is conducted for the primary purposes of expression of First Amendment rights.

FEE SCHEDULE:

Application fee	Permit fee	Sanitation fee	Class	Attendance	Extra personnel hour
\$10.00	\$1000.00	\$150.00	A	greater than 5,000	25—50
10.00	200.00	75.00	B	500—5,000	3—25
10.00	30.00	20.00	C	less than 500	3
00.00	00.00	00.00	D	200 or less	0 hours and no city services required

Section 15. Cleanup deposits for certain special events.

(a) All applicants/sponsoring organizations shall be responsible for the cleanup of the event site or route within 12 hours of the conclusion of the event. To ensure such cleanup, the

applicant/sponsor of an event shall be required to provide a cleanup deposit prior to the issuance of a special event permit. The cleanup deposit required shall be based on the classification of the special event by the special events coordinator in accordance with this article.

(b) The committee shall conduct a closeout meeting at the conclusion of each event at which time the permittee/sponsoring organization's compliance with the permit shall be assessed.

(c) The cleanup deposit shall be returned to the applicant/sponsor after the event if the area used for the permitted event has been cleared and restored to the same condition as existed prior to the event within 12 hours of the conclusion of the event.

(d) If the property used for the event has not been properly cleaned or restored, the city shall do so, and the applicant/sponsor shall be billed for the actual cost incurred by the city for cleanup and restoration, and the cleanup deposit, or a portion thereof, shall be applied toward the payment of the bill. If the applicant/sponsor disputes the bill, he may appeal to the city council within ten days after receipt of the bill. Should there be any unexpended balance on deposit after completion of the work, this balance shall be refunded to the applicant/sponsor. Should the amount of the bill exceed the cleanup deposit, the difference shall become due and payable to the city upon the applicant's receipt of the bill.

Section 16. Duties of permittee/sponsor of event

(a) The permittee/sponsor of an event shall comply with all terms and conditions of the special event permit, the provisions of this article and any other applicable state, federal or local law.

(b) Each permittee/sponsor of any event shall ensure that the person leading a parade or other event along a route, or the person in charge of any other event shall carry the special event permit on his person for the duration of the event.

Section 17. Violations.

(a) It shall be unlawful for any person to sponsor or conduct a parade, athletic event, block party, festival or other special event requiring a special event permit unless a permit has been issued for the event. It is unlawful for any person to participate in such an event with the knowledge that the sponsor of the event has not been issued the required permit.

(b) No person shall interfere with or disrupt a lawful parade, athletic event, block party, festival or other special event.

(c) The special event permit authorizes the permittee/sponsor to conduct only such event as is described in the permit, and in accordance with the terms and conditions of the permit. It shall be unlawful for the permittee/sponsor to willfully violate the terms and conditions of the permit. It shall be unlawful for any event participant with knowledge of the terms and conditions of the permit to willfully violate the terms and conditions of the permit.

Section 18. Penalties.

Any person violating any provision of this article shall be deemed guilty of a misdemeanor and, upon conviction thereof, shall be punished by a fine not to exceed \$1,000.00 for each violation of the article. A special event operated otherwise than in accordance with this article shall be a public nuisance which may be enjoined or abated as allowed by law. Such violations may also be addressed by civil action and any violator shall be liable for the actual full costs to the city for having provided police services for, or because of, the event.

Section 19. Effective Date.

The regulations adopted herein shall take effect thirty (30) days after the adoption of this Ordinance.

ORDAINED, ADOPTED, AND APPROVED by the Mayor and Board of aldermen of the City of Gluckstadt, Madison County, Mississippi at a regular meeting thereof held on _____ the _____ day of _____ 2024.

A MOTION to adopt the foregoing Ordinance was made by _____ and SECONDED by _____ and the foregoing having been first reduced to writing, was submitted to the Board of Aldermen for passage or rejection on roll call vote with the following results:

- Alderman Maya Warfield voted: ____
- Alderman Jayce Powell voted: ____
- Alderman Wesley Slay voted: ____
- Alderman John Taylor voted: ____
- Alderman Lisa Williams voted: ____

CITY OF GLUCKSTADT, MISSISSIPPI

BY: _____
WALTER MORRISON, MAYOR

ATTEST:

LINDSAY KELLUM, CITY CLERK



CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Lindsay Kellum, City Clerk

DATE: May 14, 2024

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: 04/03/2024

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

From March 1, 2024, to March 31, 2024, the City of Gluckstadt processed sixteen (16) Regular Privilege Licenses.

The amount of fees collected in 2024 to date is as follows:

Privilege: \$12,536.94

Transient: \$0

ID	ISSUED TO	DATE	PACKET	TYPE	===== DISTRIBUTION =====				INTE	
					FEE	PENALTY	TAX			
0000117	DEPENDABLE PEST SER	11/16/2023	00095	Payment	33.00-	.00	.00			33.00-
0000127	RIVER OAKS ROOFING	11/03/2023	00092	Payment	30.00-	.00	.00			30.00-
0000129	PEDIATRIC HAVEN PPE	11/06/2023	00093	Payment	30.00-	.00	.00			30.00-
0000131	REFLECTIONS VISION	11/06/2023	00093	Payment	65.00-	.00	.00			65.00-
0000132	CARDINAL HEALTH 110	11/16/2023	00095	Payment	1,840.00-	.00	.00			1,840.00-
0000134	GLUCKSTADT FITNESS	11/17/2023	00096	Payment	20.00-	.00	.00			20.00-
0000143	UNIQUE RENOVATIONS,	11/30/2023	00097	Payment	30.00-	.00	.00			30.00-
0000228	PTS PHYSICAL THERAP	11/06/2023	00093	Payment	30.00-	.00	.00			30.00-
0000229	PUTTING ON AIRS, LL	11/16/2023	00095	Payment	25.00-	.00	.00			25.00-

Section 7, Item B)

===== FEE CODE TOTALS BY TYPE =====							
FEE CODE	TYPE	COUNT	===== DISTRIBUTION =====				TOTAL
			FEE	PENALTY	TAX	INTEREST	
OPTOMETRIS	Payment	1	25.00CR	0.00	0.00	0.00	25.00CR
Schdl-A	Payment	4	1,925.00CR	0.00	0.00	0.00	1,925.00CR
Schdl-B	Payment	5	153.00CR	0.00	0.00	0.00	153.00CR
GRAND TOTAL FOR PERIOD							2,103.00CR

Section 7, Item B)

===== TOTALS BY TRANSACTION TYPE =====						
TYPE	COUNT	===== DISTRIBUTION =====				TOTAL
		FEE	PENALTY	TAX	INTEREST	
Payment	9	2,103.00CR	0.00	0.00	0.00	2,103.00CR
TOTAL FOR PERIOD	9					2,103.00CR

SELECTION CRITERIA

Section 7, Item B)

REPORT OPTIONS:

LICENSE RANGE: THRU ZZZZZZZZZZ
PACKET RANGE: 0 THRU 99999
TRANSACTION RANGE: 11/01/2023 THRU 11/30/2023
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 ***

ID	ISSUED TO	DATE	PACKET	TYPE	===== DISTRIBUTION =====				INTE	
					FEE	PENALTY	TAX			
0000142	ALPHA FINANCIAL & T	3/07/2024	00142	Payment	22.40-	.00	.00			40-
0000162	BOO'S SMOKEHOUSE BB	3/07/2024	00142	Payment	49.50-	.00	.00	.00		49.50-
0000166	VICTORY SPORT	3/21/2024	00151	Payment	30.00-	.00	.00	.00		30.00-
0000168	BICYCLE REVOLUTION	3/15/2024	00146	Payment	55.00-	.00	.00	.00		55.00-
0000169	ATHLETICO PHYSICAL	3/04/2024	00141	Payment	20.00-	.00	.00	.00		20.00-
0000170	THERAPYSOUTH GLUCKS	3/12/2024	00144	Payment	30.00-	.00	.00	.00		30.00-
0000176	TINO'S PET GROOMING	3/25/2024	00152	Payment	30.00-	.00	.00	.00		30.00-
0000275	MARLOS EATERY, LLC	3/01/2024	00140	Payment	20.00-	.00	.00	.00		20.00-
0000276	SPANN'S BARBERSHOP	3/07/2024	00142	Payment	23.00-	.00	.00	.00		23.00-
0000277	SEASON'S	3/07/2024	00142	Payment	85.90-	.00	.00	.00		85.90-
0000278	MAVERICK SERVICES,	3/08/2024	00143	Payment	20.00-	.00	.00	.00		20.00-
0000279	MAD ESTHETICS	3/14/2024	00145	Payment	50.00-	.00	.00	.00		50.00-
0000280	THE BARRE	3/20/2024	00150	Payment	20.00-	.00	.00	.00		20.00-
0000281	LEVI STRAUSS & CO.	3/21/2024	00151	Payment	4,564.00-	.00	.00	.00		4,564.00-
0000282	GIFTED HANDS MASSAG	3/27/2024	00153	Payment	20.00-	.00	.00	.00		20.00-
0000283	RAYPHO	3/27/2024	00153	Payment	50.00-	.00	.00	.00		50.00-

Section 7, Item B)

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

Section 7, Item B)

		===== DISTRIBUTION =====						
FEE CODE	TYPE	COUNT	FEE	PENALTY	TAX	INTEREST	TOTAL	
BEER FLAT	Payment	3	45.00CR	0.00	0.00	0.00	45.00CR	
Schdl-A	Payment	2	4,604.00CR	0.00	0.00	0.00	4,604.00CR	
Schdl-B	Payment	14	440.80CR	0.00	0.00	0.00	440.80CR	

GRAND TOTAL FOR PERIOD 5,089.80CR

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

		===== DISTRIBUTION =====					
TYPE	COUNT	FEE	PENALTY	TAX	INTEREST	TOTAL	
Payment	16	5,089.80CR	0.00	0.00	0.00	5,089.80CR	
TOTAL FOR PERIOD	16					5,089.80CR	

SELECTION CRITERIA

Section 7, Item B)

REPORT OPTIONS:

LICENSE RANGE: THRU ZZZZZZZZZZ
 PACKET RANGE: 0 THRU 99999
 TRANSACTION RANGE: 3/01/2024 THRU 3/31/2024
 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 ***



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 of the back of the building, or if the vents are to go through the roof, they must have appropriate screening added to conceal them. 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 (on vents) of the rear of the building facing north that will have restaurants, as well as landscaping details be provided on the south side of that same building, and Alderwoman Bates seconded the motion.

The Mayor called for the vote on the first motion, made by Alderman Powell:

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, made by Alderwoman Williams:

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

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

Mr. Morrison,

After discussing the issue regarding the Germantown Park development with Mayor Morrison and the City Attorneys, we expect the minutes from the November 14, 2023, meeting will be corrected to accurately reflect the motion made by Alderman Powell to allow for ventilation pipes through the roof of the building so long as there is approved screening around any such ventilation pipes. Any correction to the minutes is only effective after a majority vote of the Board of Aldermen at a legally called meeting, and the next Board of Aldermen meeting is not until Tuesday, May 14; however, we recognize that the intent of the Board was to allow for ventilation pipes through the roof of the building with approved screening. Please accept this letter as temporary authority to proceed with the screening of the ventilation pipes.

Sincerely,

William Hall

From: [Walter Morrison](#)
To: jayce1271@yahoo.com; laylandfarms@gmail.com; lisa.williams99@gmail.com; [Miya Warfield \(mwarfield@mclcpa.net\)](mailto:Miya_Warfield(mwarfield@mclcpa.net)); b2rws1@gmail.com
Cc: [Lindsay Kellum](mailto:Lindsay_Kellum); jscanlon@millsscanlon.com; zgiddy@millsscanlon.com; [William Hall](mailto:William_Hall)
Subject: RE: Germantown Park development
Date: Wednesday, May 8, 2024 1:02:14 PM

And a couple of takeaways from this entire incident:

1. We need to clearly articulate motions during our meetings and make sure they are short, sweet and direct. I will aim to do a better job of trying to summarize any motion made by any of you if I think it is less than clear.
2. We need to make sure we get the minutes right, both at Lindsay’s level and your subsequent approval. My suggestion is that if you make a motion, make sure the minutes accurately reflect it.
3. We are going to keep the audio recordings of our meetings instead of destroying them after the minutes are approved. I am grateful we had the recording in this instance, else we would have not corrected this error.

 <p>Gainsburgh Benjamin David, Meunier & Warshauer L.L.C.</p>	<p>Walter C. Morrison IV wmorrison@gainsben.com</p> <p>Offices in Jackson & New Orleans</p>
<p>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</p>	
	

From: Walter Morrison
Sent: Wednesday, May 8, 2024 12:29 PM
To: Jayce <jayce1271@yahoo.com>; John Taylor <laylandfarms@gmail.com>; Lisa (lisa.williams99@gmail.com) <lisa.williams99@gmail.com>; Miya Warfield (mwarfield@mclcpa.net) <mwarfield@mclcpa.net>; Wesley Slay <b2rws1@gmail.com>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>; John Scanlon <jscanlon@millsscanlon.com>; Zachary Giddy <zgiddy@millsscanlon.com>; william.hall@gluckstadt.net
Subject: Germantown Park development

Everyone:

This is to advise you on an issue that arose yesterday concerning Germantown Park. At about 9:30 a.m., Anthony Morrison started sending me text messages about the City’s position that all vents for this building had to come out of the back of the building and could not go through the roof. Mr. Morrison disagreed and argued that the board allowed vents through the roof as

long as they were screened OR through the rear wall. I advised Mr. Morrison that I would review the minutes and get back to him. I did and they are attached. The relevant part of the minutes is on pages 6 & 7 and clearly required venting through the rear wall. The motion was made by Mr. Powell, seconded by Mr. Taylor and carried 3-2. I advised Mr. Morrison of what the minutes said but that I would also listen to the recording of that meeting. The recording clearly demonstrated to me that the minutes were inaccurate in that Mr. Powell’s motion was an “either/or” proposition – either vent through the rear wall or screen where vents came through the roof. I advised Mr. Morrison that we were in error and would correct the minutes. I also asked Mr. Scanlon and Mr. Hall to advise Mr. Morrison in writing that we had made a mistake and would correct it. Thus, the attached letter was sent to him.

It is also my understanding that Mr. Morrison reached out to Mr. Powell and had his lawyers contact Mr. Scanlon regarding this issue. I talked to Jayce and I don’t think he remembered making the “either/or” motion either. I certainly did not. Nonetheless, we owned the mistake and it has been corrected.



Gainsburgh Benjamin
David, Meunier & Warshauer L.L.C.

Walter C. Morrison IV
wmorrison@gainsben.com

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CITY OF GLUCKSTADT

MISSISSIPPI
OFFICE OF THE CITY CLERK

MEMORANDUM

TO: Mayor & Board of Alderman
FROM: Lindsay Kellum, City Clerk
DATE: 5/14/24
SUBJECT: City of Gluckstadt Flag Proofs (MML Parade of Flags)

I have attached two (2) design proofs and a quote to purchase a City of Gluckstadt flag. The Mississippi Municipal League has a parade of flags where they display city flags from all over the state and I thought it would be nice to participate and show off our hometown pride. Please let me know if you are interested in participating and purchasing a flag for display at the 2024 MML Convention.

After the convention, we will place it in our city board room for display.

I would ask the board to let me know which proof they prefer to go with, #1 or #2.

Thanks,

LK

A Complete Flag Source, Inc.
5295 I55 North Ste A
Jackson, MS 39206

QUOTE

Date	Quote #
4/8/2024	1908879

Name / Address
City of Gluckstadt 343 Distribution Dr Madison, MS 39110

SHIPPING ADDRESS
City of Gluckstadt 343 Distribution Dr Madison, MS 39110

6019467019	janet.brooks@gluckstadt.net...
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P.O. No.	
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Item	MPN	Description	Qty	Price	Total
13164		QUOTE FOR CUSTOM CITY OF GLUCKSTADT BOARDROOM SET FLAG JANET BROOKS 769-567-2306 janet.brooks@gluckstadt.net 3X5 FT CITY OF GLUCKSTADT CUSTOM POLY KNIT DBL SIDED POLE HEM WITH FRINGE FLAG (ATL)	1	240.00	240.00
70010		10% Discount - MML		-10.00%	-24.00
13170		SHIPPING OF CUSTOM ITEM FROM PRODUCTION (\$25.00 - Waive shipping charge)	1	0.00	0.00
560	551900	8 FT X 1 1/4 IN OAK POLE 2p BRASS FITTINGS (a)	1	82.74	82.74
70010		10% Discount - MML		-10.00%	-8.27
15399		CORD & TASSEL 9 ft cord & 5 IN tassel GOLD (SCH)	1	31.10	31.10
70010		10% Discount - MML		-10.00%	-3.11
3548	050548	SPEAR PLASTIC TOPPER 8 IN (E)	1	28.28	28.28
70010		10% Discount - MML		-10.00%	-2.83
2176	697485	STAND FREEDOM 8 LB 1-1/4	1	53.94	53.94
70010		10% Discount - MML		-10.00%	-5.39
4% SURCHARGE ON ALL CARD PAYMENTS					
QUOTE IS GOOD FOR 90 DAYS UNLESS STATED OTHERWISE WITHIN QUOTE					

QUOTE ONLY - PLEASE PAY BY FINAL INVOICE			Subtotal	\$392.46
Rep	Phone #	E-mail	Sales Tax (0.0%)	\$0.00
HNH	601-362-9333	sales2@completeflags.com	Total	\$392.46

Front

Back



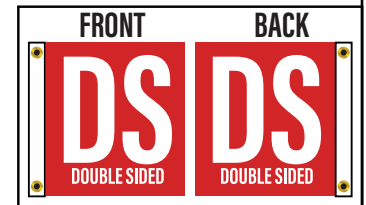
Colors:



CMYK

PRINTED

1 qty - 3'x5' Printed Double Sided Flag



A Complete Flag Source, Inc.

601-362-9333
 5295 I-55 N. Ste A
 Jackson, MS 39206
www.completeflags.com

APPROVED

CHANGES NEEDED

SIGNATURE

- The artwork represented in this proof is provided to clarify the items below: Your Approval is required.*
1. Are we printing the correct artwork/layout?
 2. Verification of overall fabrication of the final display (stich lines, pole pockets, grommets, etc.)
 3. PMS and/or CMYK specified colors
 4. Details related to the resolution of the supplied files in relation to final print quality

Front

Back



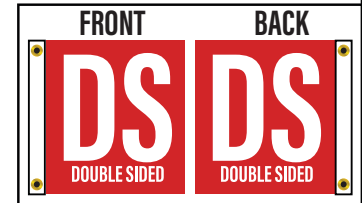
Colors:



CMYK

PRINTED

1 qty - 3'x5' Printed Double Sided Flag



A Complete Flag Source, Inc.

601-362-9333

529555 N. Ste A

Jackson, MS 39206

www.completeflags.com

APPROVED

CHANGES NEEDED

SIGNATURE

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 3. PMS and/or CMYK specified colors
 4. Details related to the resolution of the supplied files in relation to final print quality

From: [Parker, Jason](#)
To: [Lindsay Kellum](#)
Cc: [Parker, Jason](#)
Subject: RE: Industrial Exemption Request, Westlake - Notification of Upcoming Deadline
Date: Friday, May 10, 2024 1:31:17 PM
Attachments: [2024 City of Gluckstadt Exemption Packet.pdf](#)

Good afternoon Lindsay,

Apologies for not getting this to you back in March; Nicole over at the county had reached out to me about getting the exemption information over to you at the city and I called and left a message then forgot to follow up when busy season popped, so I definitely appreciate you reaching out to Liz.

I have attached everything that I believe is needed for the industrial exemption. You may have worked with Marina Pakkath last year or in previous years and she has since moved on and left this particular responsibility to me, so I'm trying to get it all figured out.

If there is any information not present in the application that you need, please let me know. I didn't have any copies from prior years for the city application, just the county, so I may have added in some paperwork you don't need. Feel free to disregard any extraneous documents.

Thank you again and have a great weekend!

Jason Parker | Accountant Principal – Indirect Tax

jparker5@westlake.com | Office: 713-325-0710 |

2801 Post Oak Blvd., Ste. 600, Attn: Tax Houston, Texas 77056 | www.westlake.com



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

Sent: Thursday, May 9, 2024 5:52 PM

To: Maldonado, Liz <emaldonado@westlake.com>; Scott Maugh <scott.maugh@gluckstadt.net>

Cc: Wesley Slay <wesley.slay@gluckstadt.net>; Miya Bates Personal Email <miya.bates@mcl.cpa>; Nicole Flanagan <Nicole.Flanagan@madison-co.com>

Subject: [EXT] Industrial Exemption Request, Westlake - Notification of Upcoming Deadline

Importance: High

Hi Liz,

Is Westlake requesting an industrial exemption this year from the City? The City granted an exemption for one year in May of 2023 (please find attached letter for reference). We have not received a request this year to date.

Please find attached our board adopted resolution and application process for industrial exemptions. Our next regular meeting will be held Tuesday, May 14th and the County is asking we notify them of all exemptions by June 1st (as our June regular meeting is scheduled for the

second Tuesday of the month and falls after the county's deadline).

If Westlake intends to request another exemption from the city, I will need the application and relevant documentation submitted asap so the board has ample time to review and consider ahead of next Tuesday.

Please advise as soon as possible if Westlake intends to request.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
(769) 567-2306
Lindsay.Kellum@gluckstadt.net



From: Maldonado, Liz <emaldonado@westlake.com>
Sent: Friday, January 19, 2024 3:23 PM
To: Scott Maugh <scott.maugh@gluckstadt.net>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Subject: RE: Privilege License

Scott,

I reached out to our Vendor Master Services team and here are the instructions to get you guys setup.

The vendor needs to review the instructions on the first tab labeled "Vendor instructions" of the spreadsheet and complete all tabs that are colored yellow.

Thank you,
SJLY

Elizabeth Maldonado | Supervisor-Tax
emaldonado@westlake.com | Office: 713.585.2609 | Fax:1-832-925-5778 |Cell: 832.656.4744
Westlake Chemical

2801 Post Oak Blvd., Ste. 600, Houston, Texas 77056 | www.westlake.com

From: Scott Maugh <scott.maugh@gluckstadt.net>
Sent: Friday, January 19, 2024 10:41 AM
To: Maldonado, Liz <emaldonado@westlake.com>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Subject: [EXT] RE: Privilege License

Once everything is turned in with payment, I will issue it on that date. It will expire one year from the issuance date. It is paid annually, and we send it out reminder letters a little over a month in advance.

Unfortunately, at this time, we only accept cash, check, or money order.

SCOTT MAUGH

Deputy City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
Office: (769) 567-2306
Fax: (769) 567-2305
Scott.Maugh@gluckstadt.net



From: Maldonado, Liz <emaldonado@westlake.com>
Sent: Friday, January 19, 2024 10:36 AM
To: Scott Maugh <scott.maugh@gluckstadt.net>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Subject: RE: Privilege License

Scott,

I have a few more questions for you.

- When is this fee due every year?
- Can you be paid by wire?

The reason why I ask the last question is because we will need to set you up as a vendor in our system and that is not always a quick turn around.

Thank you,
SJLY

Elizabeth Maldonado | Supervisor-Tax

emaldonado@westlake.com | Office: 713.585.2609 | Fax:1-832-925-5778 |Cell: 832.656.4744
Westlake Chemical
2801 Post Oak Blvd., Ste. 600, Houston, Texas 77056 | www.westlake.com

From: Scott Maugh <scott.maugh@gluckstadt.net>
Sent: Friday, January 19, 2024 10:19 AM
To: Maldonado, Liz <emaldonado@westlake.com>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Subject: [EXT] RE: Privilege License

Good Morning,

1. One form is fine.
2. Total fee owed is owed is \$196.80. Two base fees are owed for 2022/2023 and 2023/2024 essentially. You cap out at \$80 for each as a base fee. There is a 29% late fee on the first, and a 17% fee on the second (\$23.20 & \$13.60 respectively). The late fee schedule is 10% for the first month with 1% every month after that per state statute.
3. Someone who is authorized to sign off on behalf of the company to certify the information is true.

Can you please also mark manufacturer? The fee listed above is based off the fact manufacturers fee's cap at \$80 a year.

Additionally, the fee listed above is good as long as it is received on or before February 9, 2024.

Please let me know if you any more questions.

Sincerely,

SCOTT MAUGH

Deputy City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
Office: (769) 567-2306
Fax: (769) 567-2305
Scott.Maugh@gluckstadt.net



From: Maldonado, Liz <emaldonado@westlake.com>
Sent: Friday, January 19, 2024 9:53 AM
To: Scott Maugh <scott.maugh@gluckstadt.net>

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

Subject: RE: Privilege License

Scott,

I hope your Friday is off to a great start. I got the headcount this morning (69 perm employees). Please find the form attached. I have a few questions:

- Will this form cover all years or do I need to fill one out for each year?
- What is the total due with penalty?
- Does the form need to be signed by an officer of the Company?

Please advise.

Thank you,
SJLY

Elizabeth Maldonado | Supervisor-Tax

emaldonado@westlake.com | Office: 713.585.2609 | Fax:1-832-925-5778 |Cell: 832.656.4744

Westlake Chemical

2801 Post Oak Blvd., Ste. 600, Houston, Texas 77056 | www.westlake.com

From: Scott Maugh <scott.maugh@gluckstadt.net>

Sent: Thursday, January 18, 2024 3:35 PM

To: Maldonado, Liz <emaldonado@westlake.com>

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

Subject: [EXT] RE: Privilege License

My first instinct would be that you still need to pay off of the number of full-time employees that work at that location. I will forward to our city attorney to make sure.

SCOTT MAUGH

Deputy City Clerk, City of Gluckstadt

P.O. Box 2210

Madison, MS 39130

Office: (769) 567-2306

Fax: (769) 567-2305

Scott.Maugh@gluckstadt.net



From: Maldonado, Liz <emaldonado@westlake.com>

Sent: Thursday, January 18, 2024 3:30 PM

To: Scott Maugh <scott.maugh@gluckstadt.net>

Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Subject: RE: Privilege License

Scott,

It was nice talking to you. Like I mentioned on the phone Westlake Compounds, LLC is a manufacturing company (Vinyl Compound Facility in Madison). However, I do have somewhat of a tricky question for you. Our employees/payroll are paid under another legal entity so technically Westlake Compounds has zero employees. In that case would it just be the \$20 (\$60) for years 2022, 2023 & 2024 + penalty? Please advise.

Thank you,
SJLY

Elizabeth Maldonado | Supervisor-Tax
emaldonado@westlake.com | Office: 713.585.2609 | Fax:1-832-925-5778 |Cell: 832.656.4744
Westlake Chemical
2801 Post Oak Blvd., Ste. 600, Houston, Texas 77056 | www.westlake.com

From: Scott Maugh <scott.maugh@gluckstadt.net>
Sent: Thursday, January 18, 2024 3:02 PM
To: Maldonado, Liz <emaldonado@westlake.com>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Subject: [EXT] Privilege License

Good Afternoon,

Please see attached privilege license application and ordinance. As we discussed, I will need to learn the nature of the business as well as the number of employees or amount of inventory. Since it is probably going to be manufacturing, you will fall under the employee fee schedule.

Currently two fees are owed for this business with applicable late fees. Once, I know how to get the base fee I will be able to calculate the late fees for both and get you a total number.

Please let me know if you have any questions.

Sincerely,

SCOTT MAUGH
Deputy City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
Office: (769) 567-2306
Fax: (769) 567-2305
Scott.Maugh@gluckstadt.net





May 10, 2024

Lindsay Kellum
City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
(769) 567-2306
Lindsay.Kellum@gluckstadt.net

**RE: Westlake Compounds, LLC (Madison plant)
Application for Ad Valorem Tax Exemption**

Dear Ms. Kellum:

Please find enclosed an original of Westlake Compounds, LLC's ("Westlake") Application for Ad Valorem Tax Exemption, as authorized by *section 27-31-101. et seq., Mississippi code of 1972, as amended*. Westlake owns and operates a PVC manufacturing facility in the city of Gluckstadt, Madison County, Mississippi, which facility is a bona fide manufacturing business within the meaning of said section. Westlake is seeking an ad valorem tax exemption for a period of ten years from the projects completed date of December 31, 2023. We respectfully request the attached assets be exempt. The true value of all property to be exempted is **\$1,194,445** as shown in an itemized list attached to the application as "Exhibit A".

Should you have any questions regarding the enclosed application, please feel free to give me a call at 713-325-0710.

Thank you in advance for your consideration.

Sincerely,

Jason Parker
Tax Principal
Indirect Tax
Westlake Corporation

Ad Valorem Tax Exemption

Application of WESTLAKE COMPOUNDS, LLC for ad valorem tax exemption for a period of 10 years as authorized by Section 27-31-101, et seq., of the Mississippi Code of 1972, as amended.

1. JASON PARKER, TAX PRINCIPAL files this application for ad valorem tax exemption, and respectfully represents unto this Honorable Board as follows:
2. Applicant, WESTLAKE COMPOUNDS LLC, is a [corporation/partnership/LLC] and domiciled in the City of Gluckstadt, Madison County, Mississippi.
3. Applicant is now operating as a (specify product type) PVC PRODUCTS manufacturing/distribution type of industry within the City of Gluckstadt, Madison County, Mississippi, which factory is a bona fide (new ___ expanded X) enterprise of public utility within the meaning of Section 27-31-101 et seq., and related Sections of the Mississippi Code of 1972, as amended, and is eligible for the ad valorem tax exemption granted by the above-mentioned section by enumeration, namely (manufacturing X distribution ___).
4. That said enterprise was completed on the 31st day of DECEMBER, 2023, within the meaning of the applicable statutes of the State of Mississippi, and therefore, the tax exemption hereby claimed should commence on said date.
5. That said (new ___ expanded X) enterprise will provide approximately ___ new jobs with an estimated annual payroll of \$_____.
6. That said tax exemption of the tangible property described in "Exhibit A" should be granted for a period of 10 years from said date of completion.
7. That the true value of all property included in the tax exemption is \$ 1,194,445, as shown in an itemized list attached hereto as "Exhibit A" and made a part hereof.

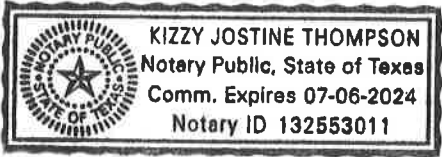
WHEREFORE, Applicant prays that this Board enter a finding that applicant's factory is in fact a (new ___ expanded X) enterprise of public utility, and that the same was completed on the 31st day of DECEMBER, 2023, within the meaning of the applicable laws of Mississippi; and

That applicant be granted an exemption from ad valorem taxation, as provided by law, for a period of 10 years beginning on the 1st day of JANUARY, 2024, upon all of the tangible property described in "Exhibit A" attached hereto and made a part hereof, used in, or necessary to the operation of the applicant's facility in the City of Gluckstadt, Madison County, Mississippi; and

That this Board approve this application by a resolution spread upon its minutes, declaring that such property is exempt from all ad valorem taxation for a period of 10 years and forward an original of this application and a certified transcript of such approval to the Mississippi Department of Revenue and upon approval of such application by the Mississippi Department of Revenue and certification of its approval, the Board will enter a final order on its minutes granting the ad valorem tax exemption herein prayed.

Respectfully submitted, this 10th day of MAY, 2024.

WESTLAKE COMPOUNDS LLC
Applicant



BY: [Signature]

JASON PARKER, TAX PRINCIPAL
Print Name & Title

[Signature] 5/10/24
Attest

WESTLAKE COMPOUNDS, LLC
 APPLICATION FOR AD VALOREM TAX EXEMPTION
 MADISON PLANT

EXHIBIT "A"
 2023 ADDITIONS, EXPANSIONS, AND REPLACEMENTS

Row Labels	Asset description	Sum of Total APC
Computers - 3 year	Madison Facility Security Camera System	\$ 194,401
Computers - 3 year Total		\$ 194,401
Lab Equipment - 5 year	Carousel Oven for air aging	\$ 17,798
	Melt Indexer LTB Tester	\$ 18,643
Lab Equipment - 5 year Total		\$ 36,440
M&E - 10 year	25KG Bag Lift Assist	\$ 57,305
	MAD 5494 PLANT 2 BUSS 280MM DIE 2022	\$ 18,297
	MAD 5530 PLANT 3 DIE 350MM 2022	\$ 26,934
	P2 2000L Merlin Mixer Blades Set	\$ 27,380
	P3 2400 Littleford Mixer Spare Blades Set	\$ 38,133
	P3 DECK CLEANUP DUST COLLECTOR	\$ 250,686
	P3 FCM CHAMBER SPARE	\$ 37,671
	Plt 2 S1 Merlin Mixer Jack Shaft Spare	\$ 28,745
M&E - 10 year Total		\$ 485,151
Repair/Replacement - 10 year	P2 Finished Product Silo 3 Renovation	\$ 83,995
	P2 Finished Product Silo 4 Renovation	\$ 83,995
	P2 S2 RENNOVATE FINISHED PRODUCT SILO 1	\$ 72,557
	P2 S2 RENNOVATE FINISHED PRODUCT SILO 2	\$ 72,557
	P2 S2 RENNOVATE RESIN SILO 3	\$ 82,675
	P2 S2 RENNOVATE RESIN SILO 4	\$ 82,675
Repair/Replacement - 10 year Total		\$ 478,453
Grand Total		\$ 1,194,445

Date: 5/10/2024

Ad Valorem Tax Exemption

Summary Sheet

New Expansion Years Requested 10 Mfg. Dist.

Request: Real Personal Free Port Warehouse

1. Name of company: WESTLAKE COMPOUNDS, LLC

Address: 2801 POST OAK BLVD, STE 600, HOUSTON TX 77056 doing business at
210 INDUSTRIAL DRIVE

2. Product: VARIOUS PVC PRODUCTS Sq. Ft: 140,000

of Employees prior to request: 69 # of Employees with this request

Total # of Employees 69

3. Average full-time hourly wage (including benefits): \$

4. Year applicant began operations (this location): since at least 1998, when Georgia Gulf Corp. purchased North American Plastics; in 2013 PPG and Gulf combined to form Axiall, which was subsequently purchased by Westlake.

Capital Investment:	Real:	\$ <u>0</u>
	Personal:	\$ <u>1,194,445</u>
	Total:	\$ <u>1,194,445</u>

Ad Valorem Tax Exemption

Information Sheet

Type of Ad Valorem Tax Exemption Requested:

- 1. Real Property _____ Property Owner: _____
- 2. Personal Property X Owner/Applicant: WESTLAKE COMPOUNDS, LLC
- 3. Free Port Warehouse _____ Owner/Applicant: _____

Property Description:

- 1. Property is Leased _____% or Owned X by the job creator?
- 2. Company Name: WESTLAKE COMPOUNDS, LLC
d/b/a: _____
- 3. Local Mailing Address: 210 INDUSTRIAL DRIVE

- 4. Physical Address: 210 INDUSTRIAL DRIVE

- 5. Local Contact Name & Title: _____
Telephone Number: _____ Email Address: _____
- 6. Secondary Contact Name & Title: _____
Telephone Number: _____ Email Address: _____
- 7. Corporate Headquarters Address: 2801 POST OAK BLVD, STE 600, HOUSTON, TX 77056
Corporate Contact Name & Title: JASON PARKER, TAX PRINCIPAL
Telephone Number: 713-325-0710 Email Address: JPARKER5@WESTLAKE.COM

Workforce:

1. Number of employees in the City of Gluckstadt office where the exemption will apply:

- a) Total number of full-time employees prior to request: 69
- b) Total number of employees added in this request: _____
- c) Total number of full-time employees: 69
- d) Total number of employees residing in Gluckstadt: _____

2. Wages:

- a) Average full-time hourly wage (excluding benefits): \$ _____
- Average full-time hourly wage (including benefits): \$ _____
- Total number of full-time hourly employees: _____
- b) Average full-time salaried wage (excluding benefits): \$ _____
- Average full-time salaried wage (including benefits): \$ _____
- Total number of full-time salaried employees: _____
- c) Average part-time hourly wage (excluding benefits): \$ _____
- Average part-time hourly wage (including benefits): \$ _____
- Total number of part-time hourly employees: _____

3. Do you anticipate hiring seasonal or temporary employees?

Yes _____ No X

If yes, explain your company's need for seasonal or temporary employees:

4. Within the next two years, what does your company anticipate the level of employment to be:

Full-time salaried _____ Full-time hourly _____

Part-time _____ Seasonal/Temporary _____

5. Does your company offer benefits to all employees? Full-time _____ Part-time _____

6. Estimated annual payroll at the Gluckstadt facility:

\$ _____

Capital Investment:

1. Amount of capital investment for this project:

Real Property Value: \$ _____

Personal Property Value: \$ 1,194,445 _____

Expansions:

1. Is this an expansion: Yes No _____

If this is an expansion, describe the expansion: Additional machinery and equipment for
production and support of PVC manufactured products.

Local Economy:

1. What purchases of goods or services are made by your company from local vendors or businesses? _____

Transportation:

- 1. Modes of shipping and receiving used by this facility:

- 2. Number of daily trucks: Inbound _____ Outbound _____
Seasonal increase, specify which month(s) _____ and truck number increase _____
- 3. Local, state, and federal highways most frequently used by this facility:

Company Operations:

- 1. Locally owned: Yes _____ No _____
- 2. Type of industry (NAIC Code): _____
- 3. Product(s) Produced:

- 4. Product(s) Distributed:

- 5. Describe any other process carried out by this business:

- 6. Market area: _____
- 7. Estimated annual sales, manufacture, or distribution: \$ _____

The applicant company accepts all responsibility for the preparation and filing of the ad valorem tax exemption and free port warehouse applications, respective board presentation, and approval process at both the city and county level, and the annual filing requirements, including free port warehouse reports. The City of Gluckstadt only serves in an advisory role and thus accepts no responsibility in the tax process. The City of Gluckstadt recommends that each applicant company consult and utilize its own legal counsel for the tax exemption application, presentation, approval process, and annual filing requirements.

POSITION STATEMENT OF THE APPLICANT

TRADE NAME OF APPLICANT: Westlake Compounds LLC
 LOCATION: 210 Industrial Dr, Madison, MS 39110 PARCEL # _____
 EXEMPTION RELATES TO MISS. CODE OF 1972, SECTION: 27-31-105
 TYPE OF BUSINESS: Manufacturing
 FINISHED PRODUCTS ARE: Chemical Compounds
 HAS THIS ENTERPRISE ENJOYED AN EXEMPTION PREVIOUSLY? (YES-NO) Yes
 UNDER ANY OTHER TRADE NAME? (YES-NO) Yes Westlake Corporation
 ANY OTHER LOCATION? (YES-NO) No
 UNDER ANY OTHER OWNERSHIP? Yes Westlake Corporation
 NUMBER OF NEW JOBS? _____ ESTIMATED ANNUAL PAYROLL _____
EXEMPTION TO BE ON:

LAND VALUE AS OF COMPLETION DATE: \$ _____
 IMPROVEMENT VALUE AS OF COMPLETION DATE: \$ _____

PERSONAL PROPERTY:

FURN. & FIX.	VALUE \$	_____
MACH. & EQUIP.	VALUE \$	_____
RAW MATERIALS	VALUE \$	_____
WORK IN PROCESS	VALUE \$	_____
PERSONAL PROPERTY TOTAL AS OF COMPLETION DATE:		\$ <u>1,194,445</u>
EXEMPTION TOTAL VALUE AS OF COMPLETION DATE:		\$ <u>1,194,445</u>

LAND AND IMPROVEMENTS:

OWNER OF LAND: _____
 OWNER OF IMPROVEMENTS: _____
 DATE OF IMPROVEMENTS: COMPLETED _____ EXPANDED _____
 ANY PRIOR EXEMPTION: _____
 YEARS OF EXEMPTION APPLIED FOR: 1/1/2024 THRU 12/31/2033
 APPLICANT'S REPRESENTATIVE: Jason Parker
 EMAIL: jparker5@westlake.com PHONE: 713-325-0710
 COMMENTS: _____

**RESOLUTION GRANTING EXEMPTION
FROM AD VALOREM TAXES**

The Board of Supervisors (governing authority) of City of Gluckstadt
(county/municipality) this day considered the matter of granting exemption from ad valorem taxes,
except school district taxes, to Westlake Compounds LLC.

The governing authority finds that the above named enterprise has submitted verification and
documentation as to the authenticity and accuracy of the application in regard to the true value of the
property to be exempted and the date of completion of said enterprise. The authority also finds that
the property described in the application constitutes an industrial enterprise as described in Section
27-31-101, Mississippi Code of 1972, as amended.

This governing authority does hereby grant, subject to approval and certification of the Department
of Revenue, ad valorem tax exemption to the above taxpayer for a period of 10 years, beginning
January 1, 2024, on the property described in the application with a total true value of
\$1,194,445.

Therefore the resolution to grant ad valorem tax exemption to the above named enterprise is hereby
approved by Board of Supervisors (governing authority) of City of Gluckstadt
(county/municipality) for a period of 10 years as authorized by Section 27-31-101 et seq.,
Mississippi Code of 1972, as amended, on this the _____ day of _____, 20____.

Granting Authority

Name & Title

(SEAL)

Attest:

**FINAL RESOLUTION GRANTING EXEMPTION
FROM AD VALOREM TAXES**

The Board of Supervisors (governing authority) of City of Gluckstadt
(county/municipality) this day considered the matter of granting exemption from ad valorem taxes,
except school district taxes, to Westlake Compounds LLC.

The governing authority finds that the Department of Revenue has certified that the applicant is
eligible for exemption. The authority also finds that the property described in the application
constitutes an industrial enterprise as described in Section 27-31-101, Mississippi Code of 1972, as
amended.

This governing authority does hereby grant ad valorem tax exemption to the above taxpayer for a
period of 10 years, beginning January 1, 2024, and expiring December 31, 2033
on the property described in the application with a total true value of \$1,194,445.

Therefore the resolution to grant ad valorem tax exemption to the above named enterprise is hereby
approved by Board of Supervisors (governing authority) of City of Gluckstadt
(county/municipality) for a period of 10 years as authorized by Section 27-31-101 et seq.,
Mississippi Code of 1972, as amended, on this the _____ day of _____, 20 .

Granting Authority

Name & Title

(SEAL)

Attest:

Parker, Jason

Subject: FW: Industrial Exemption Request, Westlake - Notification of Upcoming Deadline
Attachments: 2.13.24 Resolution, Ad Valorem Tax Exemptions for Free Port Warehouses.pdf; Ad Valorem Tax Exemption Summary and Information Sheet (002).pdf; Ad Valorem Tax Exemption Application (002).pdf; 6.19.23 Ltr, Industrial Exemption_Westlake.pdf

Importance: High

Hi Liz,

Is Westlake requesting an industrial exemption this year from the City? The City granted an exemption for one year in May of 2023 (please find attached letter for reference). We have not received a request this year to date.

Please find attached our board adopted resolution and application process for industrial exemptions. Our next regular meeting will be held Tuesday, May 14th and the County is asking we notify them of all exemptions by June 1st (as our June regular meeting is scheduled for the second Tuesday of the month and falls after the county’s deadline).

If Westlake intends to request another exemption from the city, I will need the application and relevant documentation submitted asap so the board has ample time to review and consider ahead of next Tuesday.

Please advise as soon as possible if Westlake intends to request.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
(769) 567-2306
Lindsay.Kellum@gluckstadt.net



From: Maldonado, Liz <emaldonado@westlake.com>
Sent: Friday, January 19, 2024 3:23 PM
To: Scott Maugh <scott.maugh@gluckstadt.net>
Cc: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Subject: RE: Privilege License

Scott,

I reached out to our Vendor Master Services team and here are the instructions to get you guys setup.

Ad Valorem Tax Exemption

Application of Sanhua International Inc for ad valorem tax exemption for a period of 10 years as authorized by Section 27-31-101, et seq., of the Mississippi Code of 1972, as amended.

1. Sanhua International Inc files this application for ad valorem tax exemption, and respectfully represents unto this Honorable Board as follows:
2. Applicant, Sanhua International Inc, is a [corporation/partnership/LLC] and domiciled in the City of Gluckstadt, Madison County, Mississippi.
3. Applicant is now operating as a (specify product type) Air conditioning parts manufacturing/distribution type of industry within the City of Gluckstadt, Madison County, Mississippi, which factory is a bona fide (new expanded) enterprise of public utility within the meaning of Section 27-31-101 et seq., and related Sections of the Mississippi Code of 1972, as amended, and is eligible for the ad valorem tax exemption granted by the above-mentioned section by enumeration, namely (manufacturing distribution).
4. That said enterprise was completed on the 10 day of May, 2024, within the meaning of the applicable statutes of the State of Mississippi, and therefore, the tax exemption hereby claimed should commence on said date.
5. That said (new expanded) enterprise will provide approximately 20 new jobs with an estimated annual payroll of \$ 1,587,199.
6. That said tax exemption of the tangible property described in "Exhibit A" should be granted for a period of 10 years from said date of completion.
7. That the true value of all property included in the tax exemption is \$ 28,845,325, as shown in an itemized list attached hereto as "Exhibit A" and made a part hereof.

WHEREFORE, Applicant prays that this Board enter a finding that applicant’s factory is in fact a (new X expanded) enterprise of public utility, and that the same was completed on the 10 day of May , 20 24 , within the meaning of the applicable laws of Mississippi; and

That applicant be granted an exemption from ad valorem taxation, as provided by law, for a period of 10 years beginning on the 10 day of May , 20 24 , upon all of the tangible property described in “Exhibit A” attached hereto and made a part hereof, used in, or necessary to the operation of the applicant’s facility in the City of Gluckstadt, Madison County, Mississippi; and

That this Board approve this application by a resolution spread upon its minutes, declaring that such property is exempt from all ad valorem taxation for a period of 10 years and forward an original of this application and a certified transcript of such approval to the Mississippi Department of Revenue and upon approval of such application by the Mississippi Department of Revenue and certification of its approval, the Board will enter a final order on its minutes granting the ad valorem tax exemption herein prayed.

Respectfully submitted, this 10 day of May , 20 24 .

SANHUA INTERNATIONAL INC
Applicant

BY: Adele Liang, Associate Director

Print Name & Title

Adele Liang
Attest

Ad Valorem Tax Exemption

Information Sheet

Type of Ad Valorem Tax Exemption Requested:

- 1. Real Property _____ Property Owner: _____
- 2. Personal Property _____ Owner/Applicant: _____
- 3. Free Port Warehouse X Owner/Applicant: SANHUA INTERNATIONAL INC

Property Description:

- 1. Property is Leased 100 % or Owned _____ by the job creator?
- 2. Company Name: SANHUA INTERNATIONAL INC
d/b/a: _____
- 3. Local Mailing Address: 252 FALLBROOK DR, STE 400, HOUSTON, TX 77038

- 4. Physical Address: 195 INDUSTRIAL BLVD, MADISON, MS 39110

- 5. Local Contact Name & Title: Adele Liang, Associate Director

Telephone Number: 769-366-2560 Email Address: adele.liang@sanhuausa.com
- 6. Secondary Contact Name & Title: Yu Liu, Tax Accountant

Telephone Number: 346-554-0004 Email Address: yu.liu@sanhuausa.com
- 7. Corporate Headquarters Address: _____

Corporate Contact Name & Title: _____

Telephone Number: _____ Email Address: _____

8. Building Size:

Current square footage of building 200,000 square feet

Square footage of building expansion N/A square feet

9. Description of company process/product – describe, in detail, what your company does (if new business/expansion, include the type of business and the product(s) produced/distributed; if free port warehouse, include type of product(s) stored, the average length the product(s) are stored before being shipped out of state, and the location(s) the product(s) will shipped to) (this information will be used to determine eligibility according to the current Mississippi statutes):

The type of products stored in the warehouse is air conditioning parts.

The average length of the products is stored before being shipped out of state: 3-6 months

The locations the products will shipped to: Texas, Tennessee, Iowa

Workforce:

1. Number of employees in the City of Gluckstadt office where the exemption will apply:

- a) Total number of full-time employees prior to request: 20
- b) Total number of employees added in this request: 0
- c) Total number of full-time employees: 18
- d) Total number of employees residing in Gluckstadt: 20

2. Wages:

- a) Average full-time hourly wage (excluding benefits): \$ 18.68
 Average full-time hourly wage (including benefits): \$ 25.22
 Total number of full-time hourly employees: 14
- b) Average full-time salaried wage (excluding benefits): \$ 69,754.18
 Average full-time salaried wage (including benefits): \$ 93,925.14
 Total number of full-time salaried employees: 4
- c) Average part-time hourly wage (excluding benefits): \$ 19.50
 Average part-time hourly wage (including benefits): \$ N/A
 Total number of part-time hourly employees: 2

3. Do you anticipate hiring seasonal or temporary employees?

Yes x No

If yes, explain your company's need for seasonal or temporary employees:

As needed.

4. Within the next two years, what does your company anticipate the level of employment to be:

Full-time salaried Y Full-time hourly Y

Part-time N Seasonal/Temporary Y

5. Does your company offer benefits to all employees? Full-time Y Part-time N

6. Estimated annual payroll at the Gluckstadt facility:

\$ 1,587,199 (Including benefits)

Capital Investment:

1. Amount of capital investment for this project:

Real Property Value: \$ _____

Personal Property Value: \$ 28,845,325

Expansions:

1. Is this an expansion: Yes _____ No X

If this is an expansion, describe the expansion: _____

Local Economy:

1. What purchases of goods or services are made by your company from local vendors or businesses? _____

Temporary worker, water, propane, gas, and power.

Transportation:

1. Modes of shipping and receiving used by this facility:
Truck transportation, packed in pallets

2. Number of daily trucks: Inbound 4 Outbound 12

Seasonal increase, specify which month(s) May to July and truck number increase 3 to 6

3. Local, state, and federal highways most frequently used by this facility:

 #55 highway

Company Operations:

1. Locally owned: Yes No X

2. Type of industry (NAIC Code): 423700

3. Product(s) Produced:

 N/A

4. Product(s) Distributed:

 AIR CONDITIONING PARTS

5. Describe any other process carried out by this business:

 N/A

6. Market area: Texas, Tennessee, Iowa

7. Estimated annual sales, manufacture, or distribution: \$ 817,635,744

The applicant company accepts all responsibility for the preparation and filing of the ad valorem tax exemption and free port warehouse applications, respective board presentation, and approval process at both the city and county level, and the annual filing requirements, including free port warehouse reports. The City of Gluckstadt only serves in an advisory role and thus accepts no responsibility in the tax process. The City of Gluckstadt recommends that each applicant company consult and utilize its own legal counsel for the tax exemption application, presentation, approval process, and annual filing requirements.

From: [Yu Liu](#)
To: [Lindsay Kellum](#)
Cc: [Lan Feng](#); [Scott Maugh](#); [Wesley Slay](#); [Wesley Slay Personal Email](#); [Miya Bates Personal Email](#); [Miya Bates](#); [Nicole Flanagan](#)
Subject: Re: Freeport Exemption Request, Sanhua - Notification of Upcoming Deadline
Date: Tuesday, May 14, 2024 10:19:54 AM
Attachments: [Ad Valorem Tax Exemption Summary and Information Sheet \(002\).pdf](#)
[Signed - Ad Valorem Tax Exemption Application \(002\).pdf](#)

Hi Lindsay,

Please find attached Sanhua's Ad Valorem Tax Exemption application forms. Thank you again for reminding us to apply it.

Thanks,
Yu

From: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Sent: Friday, May 10, 2024 2:38 PM
To: Yu Liu <yu.liu@sanhuausa.com>
Cc: Lan Feng <feng.lan@sanhuausa.com>; Scott Maugh <scott.maugh@gluckstadt.net>; Wesley Slay <wesley.slay@gluckstadt.net>; Wesley Slay Personal Email <b2rws1@gmail.com>; Miya Bates Personal Email <miya.bates@mcl.cpa>; Miya Bates <miya.bates@gluckstadt.net>; Nicole Flanagan <Nicole.Flanagan@madison-co.com>
Subject: RE: Freeport Exemption Request, Sanhua - Notification of Upcoming Deadline

Attached is what we were provided with by the county last year for your reference. You may need to reach out to Madison County for additional information. I have copied Nicole on this email.

Please remit your exemption request as soon as possible as I need to get the agenda to the board today to ensure they have time to review.

Thank you.

LINDSAY LEONARD KELLUM
City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
(769) 567-2306
Lindsay.Kellum@gluckstadt.net



From: Yu Liu <yu.liu@sanhuausa.com>
Sent: Friday, May 10, 2024 2:32 PM
To: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Cc: Lan Feng <feng.lan@sanhuausa.com>
Subject: Fw: Freeport Exemption Request, Sanhua - Notification of Upcoming Deadline

Hi Lindsay,

This is Yu Liu, the tax accountant of Sanhua International Inc.

Thank you so much for reminding us about the Ad Valorem tax exemption. Could you please send us the forms that we submitted last year as a reference.

Thanks,
Yu

From: Cindy Chen <Cindy.Chen@sanhuausa.com>
Sent: Thursday, May 9, 2024 9:41 PM
To: Lan Feng <feng.lan@sanhuausa.com>; Yu Liu <yu.liu@sanhuausa.com>
Subject: Fwd: Freeport Exemption Request, Sanhua - Notification of Upcoming Deadline

FYI. Regarding GW Freeport exemption.

Cindy Chen

From: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Sent: Thursday, May 9, 2024 6:07 PM
To: Cindy Chen <Cindy.Chen@sanhuausa.com>
Cc: Wesley Slay <wesley.slay@gluckstadt.net>; Miya Bates Personal Email <miya.bates@mcl.cpa>; Scott Maugh <scott.maugh@gluckstadt.net>; Nicole Flanagan <Nicole.Flanagan@madison-co.com>
Subject: Freeport Exemption Request, Sanhua - Notification of Upcoming Deadline

You don't often get email from lindsay.kellum@gluckstadt.net. [Learn why this is important](#)

Hi Cindy,

Is Sanhua requesting a freeport exemption this year from the City? The City granted an exemption for one year in May of 2023 (please find attached letter for reference). We have not received a request this year to date.

Please find attached our board adopted resolution and application process for industrial & freeport exemptions. Our next regular meeting will be held Tuesday, May 14th and the County is asking we notify them of all exemptions by June 1st (as our June regular meeting is scheduled for the second Tuesday of the month and falls after the county's deadline).

If Sanhua intends to request another exemption from the city, I will need the application and relevant documentation submitted asap so the board has ample time to review and consider ahead of next Tuesday.

Please advise as soon as possible if Sanhua intends to request.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt

P.O. Box 2210

Madison, MS 39130

(769) 567-2306

Lindsay.Kellum@gluckstadt.net



From: [Lan Feng](#)
To: [Nicole Flanagan](#); [Yu Liu](#); [Wesley Slay](#); [Miya Bates Personal Email](#); [Scott Maugh](#); [Lindsay Kellum](#)
Cc: [Cindy Chen](#)
Subject: RE: Freeport Warehouse Reports
Date: Friday, May 10, 2024 8:45:32 AM

Got you. We'll send Lindsay the forms she needed.

Thanks,
Lan

From: Nicole Flanagan <Nicole.Flanagan@madison-co.com>
Sent: Friday, May 10, 2024 7:28 AM
To: Lan Feng <feng.lan@sanhuausa.com>; Yu Liu <yu.liu@sanhuausa.com>; Wesley Slay <wesley.slay@gluckstadt.net>; Miya Bates Personal Email <miya.bates@mcl.cpa>; Scott Maugh <scott.maugh@gluckstadt.net>
Cc: Cindy Chen <Cindy.Chen@sanhuausa.com>
Subject: RE: Freeport Warehouse Reports

I did receive them. However, the forms sent to me are used for the exemption granted by Madison County for a portion of the county assessment.

Lindsay is requesting information that ***could*** grant you an exemption on the city portion of the assessment.

Thanks,
Nicole

Nicole Mann Flanagan
Chief Deputy (Canton Office)
Advanced Industrial Personal Property Appraiser

Madison County Tax Assessor's Office

(601)855-5647
nicole.flanagan@madison-co.com

This message, and the documents attached hereto, are intended only for the addressee and may contain privileged or confidential information. Any unauthorized disclosure is strictly prohibited. If you have received this message in error, please delete the original message. Thank you.

From: Lan Feng <feng.lan@sanhuausa.com>
Sent: Thursday, May 9, 2024 10:06 PM
To: Yu Liu <yu.liu@sanhuausa.com>; Nicole Flanagan <Nicole.Flanagan@madison-co.com>; Wesley Slay <wesley.slay@gluckstadt.net>; Miya Bates Personal Email <miya.bates@mcl.cpa>; Scott Maugh

<scott.maugh@gluckstadt.net>

Cc: Cindy Chen <Cindy.Chen@sanhuausa.com>

Subject: RE: Freeport Warehouse Reports

CAUTION! External Content. Please use caution when opening attachments and links. Do not provide your username and password if requested.

Nicole,

Would you please confirm the reception of the freeport application that Yu Liu sent to you on 5/1 in the email attached? We got an email from Lindsay Kellum today saying that our freeport application form has not been received.

Please help check on the application status and let us know if anything else is needed.

Thanks,

Lan

Lan Feng

Tax Manager

832-962-1293

From: Yu Liu <yu.liu@sanhuausa.com>

Sent: Wednesday, May 1, 2024 9:37 AM

To: Nicole.Flanagan@madison-co.com

Cc: Adele Liang <adele.liang@sanhuausa.com>; Lan Feng <feng.lan@sanhuausa.com>

Subject: Re: Freeport Warehouse Reports

Hi Nicole,

This is Yu Liu , the tax accountant of Sanhua International Inc who disused about Gluckstadt warehouse freeport report with you yesterday by phone.

Please find attached amended freeport report if it meets your request. I appreciate your help.

Thanks,

Yu

From: Adele Liang <adele.liang@sanhuausa.com>
Sent: Monday, April 29, 2024 11:24 AM
To: Lan Feng <feng.lan@sanhuausa.com>; Yu Liu <yu.liu@sanhuausa.com>
Subject: Fw: Freeport Warehouse Reports

Hi Yu,

Please find below requirement we received from city which is asking for a modification of the free port report , let me know if you have any questions.

Thanks,
Adele

From: Charles Harvey <Charles.Harvey@sanhuausa.com>
Sent: Monday, April 29, 2024 11:06 AM
To: Adele Liang <adele.liang@sanhuausa.com>
Subject: Fwd: Freeport Warehouse Reports

Sent from my iPhone

Begin forwarded message:

From: Nicole Flanagan <Nicole.Flanagan@madison-co.com>
Date: April 29, 2024 at 10:34:29 AM CDT
To: Charles Harvey <Charles.Harvey@sanhuausa.com>
Subject: RE: Freeport Warehouse Reports

You don't often get email from nicole.flanagan@madison-co.com. [Learn why this is important](#)

I have attached copies of the original filing from last year and copies of this years – both of the filings for 2024 will need to be noted as “Amended” – please note that on the top of the reports before submitting the revised forms back to me.

Thanks so much!

Nicole

Nicole Mann Flanagan

Chief Deputy (Canton Office)

Advanced Industrial Personal Property Appraiser

Madison County Tax Assessor's Office

(601)855-5647

nicole.flanagan@madison-co.com

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From: Nicole Flanagan

Sent: Thursday, April 25, 2024 11:49 AM

To: Charles.Harvey@sanhuusa.com

Subject: Freeport Warehouse Reports

Good Morning Charles,

I spoke with Adele earlier and she ask that I email my request to you-

In order to process the freeport warehouse exemption filings - I need the 2024 Report of Inventory Movement to match amounts filed on 2023 reports.

The 2023 Report of Inventory – line 3 reflects \$ 909,419 this number should be carried over to line 5 of the 2024 report of inventory movement.

This pattern should continue yearly, the \$741.325 reported as inventory for 2024 will be reflected in 2025 on line 5.

Also, the name of the Warehouse – should include Sanhua USA- as that is how the license was issued. All blanks should be completed (including the year) This year’s Report of Inventory Movement should reflect the period of 1/1/2023-12/31/2023. I would also suggest including contact information on all freeport warehouse documents submitted.

Please submit AMENDED filings AS SOON AS POSSIBLE!

Thanks so much,

Nicole

Nicole Mann Flanagan

Chief Deputy (Canton Office)

Advanced Industrial Personal Property Appraiser

Madison County Tax Assessor’s Office

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message. Thank you.

From: [Lindsay Kellum](#)
To: "Yu Liu"
Cc: [Lan Feng](#); [Scott Maugh](#); [Wesley Slay](#); [Wesley Slay Personal Email](#); [Miya Bates Personal Email](#); [Miya Bates](#); [Nicole Flanagan](#)
Subject: RE: Freeport Exemption Request, Sanhua - Notification of Upcoming Deadline
Date: Friday, May 10, 2024 2:38:00 PM
Attachments: [Sanhua International, Warehouse Exemption Application.pdf](#)
[Sanhua International, Warehouse Exemption Application2.pdf](#)
[Sanhua International FW Application.pdf](#)

Attached is what we were provided with by the county last year for your reference. You may need to reach out to Madison County for additional information. I have copied Nicole on this email.

Please remit your exemption request as soon as possible as I need to get the agenda to the board today to ensure they have time to review.

Thank you.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt
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Lindsay.Kellum@gluckstadt.net



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Subject: Fw: Freeport Exemption Request, Sanhua - Notification of Upcoming Deadline

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Hi Cindy,

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If Sanhua intends to request another exemption from the city, I will need the application and relevant documentation submitted asap so the board has ample time to review and consider ahead of next Tuesday.

Please advise as soon as possible if Sanhua intends to request.

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt

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Madison, MS 39130

(769) 567-2306

Lindsay.Kellum@gluckstadt.net



Section 8, Item A)						
ANT:	DESCRIPTION:	FUNDING PERIOD:	AMOUNT REQUESTED:	AMOUNT AWARDED:	STATUS:	
DH	Mayoral Health Council	Sept 1, 2023 – Aug 12, 2024	\$5,000.00	\$5,000.00	Implementing Open	
Justice Programs 20LX4271	Coronavirus Emergency Supplemental Funding PPE	May 1, 2023 – Dec 31, 2023	\$22,692.00	\$22,692.00	PPE delivered Reimbursement received Closed	
Justice Programs 21LB4271	JAG Local Law eTicket	Sept 1, 2023 – Feb 28, 2024	\$10,000.00	\$10,000.00	Reimbursement received Closed	
MS Homelands 22LE4505	FY 22 HSGP CERT	Jan 1, 2023 – Dec 31, 2023	\$4,498.36	\$4,498.36	Closed	
Justice programs 22LB2661	JAG Local Law Five (5) Body Worn Cameras	11/15/2023-4/30/2024	\$5,137.50 - Fed \$1,712.50 - Local \$6,850.00 - T	\$6,850.00	BWC received Implementing Open	
MS Homelands 23LE4505	FY 23 HSGP Tactical Gear	Sept 1, 2023 – Aug 31, 2024	\$81,537.00	\$14,000.00	Receiving equipment Open	
MS Homelands 23LE4505B	FY 23 HSGP ALPR	Sept 1, 2023 – Aug 31, 2024	\$150,030.00	\$150,000.00	Ordering equipment/commodities Open	
Highway Safety PT-2024-PT-26-61	402 Police Traffic Services FY 24 OT & Equipment	Oct 1, 2023 – Sept 30, 2024	\$20,000.00	\$20,000.00	Equipment received Open	
MOST	Walking Trail		\$275,000.00 – Fed \$ 11,880.00 – Local \$286,880.00 – T		Application Pending	
Highway Safety	402 Police Traffic Services FY 25 OT & Technology	Oct 1, 2024 – Sept 30, 2025	\$25,000.00		Application Pending	
MDWFP	Recreational Trails Program		80% - Federal 20% - Local		Postponed to the next fiscal year	

MA	Assistance to Firefighter Grant FY 2023 *Fire District* Burn Buildings for training purposes		Federal - \$648,090.91 Local - \$64,809.09		Application Pending
MS Homeland	FY 24 HSGP Prime Mover & Trailer with generator		\$72,000.00		Application Pending



CITY OF GLUCKSTADT

MISSISSIPPI
PLANNING AND ZONING ADMINISTRATOR

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: William Hall, Planning and Zoning Administrator

DATE: 05/01/2024

SUBJECT: General Update, Planning and Zoning/Building Department

In the month of April, the Building Department issued 20 permits totaling \$10,805.00.

A total of 27 inspections occurred.

There are 138 active permits currently, not including sign permits.

**MINUTES OF THE REGULAR MEETING
OF THE PLANNING AND ZONING COMMISSION
OF THE CITY OF GLUCKSTADT, MISSISSIPPI**

A regular meeting of the Planning and Zoning Commission of the City of Gluckstadt, Mississippi (“the Board”), was duly called, held, and conducted on Tuesday, April 23, 2024, at 6:00 p.m. at Gluckstadt City Hall, 343 Distribution Drive, Gluckstadt, Madison County, Mississippi.

The following members were present, to-wit:

Andrew Duggar (via phone)
Melanie Greer (Vice-Chairwoman)
Phillips King
Sam McGaugh (Chairman)
Tim Slattery

Absent:

Katrina B. Myricks
Kayce Saik

Also present:

Zachary L. Giddy, Attorney
William Hall, City of Gluckstadt

Chairman Sam McGaugh called the meeting to order. Roll was called and it was announced that a majority of the voting members of the Board were present, and that said number constituted a quorum.

Commissioner Sam McGaugh led the Pledge of Allegiance and opened the meeting with prayer.

All members of the Board present acknowledged receipt of the agenda and the agenda was as follows:

- 1. Call to Order**
- 2. Opening Prayer and Pledge of Allegiance**
- 3. Consideration and Approval of Minutes**

A) March 26, 2024 Planning and Zoning Meeting Minutes

4. New Site Plan Considerations

- A) Discussion and Consideration of Maverick Services
- B) Discussion and Consideration of Mississippi Tent Conditional Use
- C) Discussion and Consideration of Gluckstadt Retail Center Site Plan
- D) Discussion and Consideration of Mac Haik Service Building Conditional Use
- E) Discussion and Consideration of Mac Haik Service Building Site Plan
- F) Discussion and Consideration of Candlewood Suites Conditional Use
- G) Discussion and Consideration of Candlewood Suites Site Plan

5. New Business

- A) Public Hearing for Discussion of Proposed Zoning Ordinance Amendments

6. Next Meeting

- A) The Next Planning and Zoning Meeting Will Be Held on May 23, 2024.

7. Adjourn

The Board considered the Minutes of the March 26, 2024, regular meeting. Commissioner Melanie Greer moved to approve the minutes presented as written. The motion was seconded by Commissioner Phillips King and approved unanimously by all present Commissioners. The Chairman declared the motion carried.

**Public Hearing for Application for
Conditional Use Permit for Maverick Services**

The next matter of business brought for consideration is the Application for Conditional Use Permit for Maverick Services for property located at 109 Lone Wolf Drive in the City of Gluckstadt and identified by Tax Parcel No. 082E-22-037/00.00. The subject property is presently zoned C-2 General Commercial District. William Hall noted that notice was posted on the property and published in the newspaper, and there was no feedback during the pendency of the application.

Matthew Tucker, owner/applicant appeared and spoke on behalf of the application. Mr. Tucker stated he is requesting a conditional use for the rear lot on the subject property to allow

the outdoor repair and outdoor storage of vehicles. Applicant stated he has no plans at this time to fence the property and vehicles would not be visible from the road. None of the work will be performed in front or on the side of the building. He further stated that the area is already graveled and he has no plans for resurfacing.

Opposition was given an opportunity to respond, but there was no opposition present.

Chairman Sam McGaugh closed the Public Hearing and called for a vote on the Application. On motion by Commissioner Melanie Greer and seconded by Commissioner Andrew Duggar, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen that they approve a conditional use for Applicant to allow the outdoor repair and outdoor storage of vehicles on the subject property located in the C-2 zoning district. The Chairman declared the motion carried.

**Public Hearing for Application for Conditional Use Permit
for Hutchinson Office Properties, LLC/Mississippi Tent**

The next matter of business brought for consideration is the Application for Conditional Use Permit for Hutchinson Office Properties, LLC/Mississippi Tent for property it owns located at 384 Church Road in the City of Gluckstadt and identified by Tax Parcel No. 082E-21-016/04.00. Specifically, the request is for 2.7 acres directly south of the current development located at 384 Church Road. The subject property is presently zoned C-2 Highway Commercial District. William Hall noted that notice was posted on the property and published in the newspaper, and there was no feedback during the pendency of the application.

Lee Hutchinson, owner/applicant appeared and spoke on behalf of the application. Mr. Hutchinson stated he is requesting a conditional use for the subject property to allow for heavy/large equipment storage and rental. The property will be used by United Rentals to operate a “lay down yard.” Applicant’s plans include an addition of a concrete driveway from Gluckstadt Way to the property, and an 8’ fence with privacy screening installed around the property. Mr. Hutchinson stated the existing detention ponds should be able to handle any added run-off.

Discussion was had regarding the proposed overlay district.

Opposition was given an opportunity to respond, but there was no opposition present.

Chairman Sam McGaugh closed the Public Hearing and called for a vote on the Application. On motion by Commissioner Phillips King and seconded by Commissioner Melanie Greer, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen that they deny the requested conditional use to allow for heavy/large equipment storage and rental on the subject property because of compatibility with adjacent properties and impact on the community’s future development plans. The Chairman declared the motion carried.

Site Plan - Gluckstadt Retail Center Site Plan

The Board next considered the site plat for Gluckstadt Retail Center located on Gluckstadt Road in the City of Gluckstadt. Jared Pierce was present on behalf of the Petitioner and addressed the Board. Mr. Pierce stated the Gluckstadt Retail Center site plan was previously approved but time lapsed since last approval. Mr. Pierce stated the current site plan submitted has minor changes with a slight reduction in amount of parking to allow for potential widening of Gluckstadt Road and the underground retention moved further back and away from Gluckstadt Road. On motion by Commissioner Melanie Greer and seconded by Commissioner Tim Slattery, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen that they approve the site plan for Gluckstadt Retail Center as submitted. The Chairman declared the motion carried.

Public Hearing for Application for Conditional Use Permit for Mac Haik Service Building

The next matter of business brought for consideration is the Application for Conditional Use Permit request by Peoples Construction on behalf of MH Canton CDJR Realty LTD/Mac Haik for property located on Autobahn Loop in the City of Gluckstadt and identified by Tax Parcel No. 082E-21-016/19.00. The subject property is presently zoned C-2 Highway Commercial District. William Hall noted that notice was posted on the property and published in the newspaper, and there was no feedback during the pendency of the application.

Applicant Alex Reeves with Peoples Construction appeared and spoke on behalf of the application. Mr. Reeves stated applicant is requesting a conditional use permit on behalf of Mac Haik to allow an enclosed warehouse service garage and parts warehouse with outdoor storage on the subject property adjacent to the current dealership. Mr. Reeves stated the exterior will match the existing service buildings and that all requirements for parking and landscaping are met.

Opposition was given an opportunity to respond, but there was no opposition present.

Chairman Sam McGaugh closed the Public Hearing and called for a vote on the Application. On motion by Commissioner Melanie Greer and seconded by Commissioner Tim Slattery, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen that they approve a conditional use for Applicant to an enclosed warehouse service garage and parts warehouse with outdoor storage on the subject property located in the C-2 zoning district. The Chairman declared the motion carried.

Site Plan – Mac Haik Service Building

The Board next considered the site plat for new Mac Haik Service Building located on Autobahn Loop in the City of Gluckstadt. Alex Reeves was present on behalf of the Petitioner

and addressed the Board. There was discussion regarding parking and landscaping. Mr. Reeves stated the drainage calculations are still being determined and parking is sufficient. On motion by Commissioner Phillips King and seconded by Commissioner Melanie Greer, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen that they approve the site plan subject to additional landscaping features on that portion of the building facing the interstate – similar to or nicer than the existing landscaping on existing buildings. The Chairman declared the motion carried.

Public Hearing for Application for Dimensional Variance for Candlewood Suites

The next matter of business brought for consideration is the continuance of the public hearing on the Application for Dimensional Variance by BDP Group, LLC for the Candlewood Suites to be located at Dees Plaza at Interstate 55 in the City of Gluckstadt and identified by Tax Parcel No. 082H-28-002/14.00. The subject property is presently zoned C-2 Highway Commercial District. William Hall noted that all notice was posted and published and was continued from previous meetings.

Sam Desai appeared and spoke on behalf of the application. Applicant is requesting a variance from the parking and building height requirements. Mr. Desai stated the development will have 99 parking spaces – a 1:1 parking per room. Mr. Desai also stated the Applicant is requesting a variance on the building height to 63’ 9 ½.” It was noted the structural building only has a height of 43’ 7” and the reason for the requested variance of 63’ 9 ½” is because of the parapets on the roof that give the building a design and cannot be altered per franchise specifications.

Opposition was given an opportunity to respond, but there was no opposition present.

Chairman Sam McGaugh closed the Public Hearing and called for a vote on the Application. On motion by Commissioner Melanie Greer and seconded by Commissioner Phillips King, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen that they approve the requested dimensional variance for Applicant for 99 parking spaces and building height of 63’ 9 ½” on the subject property located in the C-2 zoning district. The Chairman declared the motion carried.

Site Plan – Candlewood Suites

The Board next considered the site plat for Candlewood Suites to be located at Dees Plaza at Interstate 55 in the City of Gluckstadt. Sam Desai was present on behalf of the Application and addressed the Board. There was discussion had regarding the site plan. After discussions, on motion by Commissioner Phillips King and seconded by Commissioner Melanie Greer, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen

that they approve the site plan subject to the conditions that the final elevations and landscape plans shall be submitted to the City for approval by the City and also striping between sidewalks of the hotel and Sherwin Williams building for pedestrian use. The Chairman declared the motion carried.

OLD BUSINESS

None.

NEW BUSINESS

There was next discussion regarding proposed Zoning Ordinance amendments. William Hall stated that notice was published and there has been no feedback verbally. William Hall addressed the proposed changes. It was noted that regarding the Section 5 amendment, “60” in the middle of the paragraph needs to be removed. Further, it was noted that regarding Section 807.02, conceptual site plan language may need to be added.

There was no opposition present.

On motion by Commissioner Phillips King and seconded by Commissioner Tim Slattery, the Board present voted unanimously to recommend to the Mayor and Board of Aldermen that they approve the amendments to the Zoning Ordinance. The Chairman declared the motion carried.

There was no further business to be presented.

ADJOURN

Commissioner Tim Slattery moved that the meeting be adjourned. The motion was seconded by Commissioner Melanie Greer and approved unanimously by all present Commissioners. The Chairman declared the Motion carried.

WITNESS OUR HANDS, this the _____ day of _____, 2024.

SAM McGAUGH, Chairman

MELANIE GREER, Vice Chairman/Secretary

Permit	Type	Street Number	Street Name	Applicant	Approved Date
2024071	Addition Commercial	418	BUSINESS PARK DR	EASTSIDE PLAZA LLC	4/29/2024
2024069	Sign	166	CALHOUN STATION PKWY	TWISTED TURNIP	4/29/2024
2024070	Addition Commercial	111	DEES DRIVE	ELITE PHYSICAL THERAPY	4/29/2024
2024068	Sign	119	ENTERPRISE DR	SAFELITE	4/26/2024
2024067	Fence	184	AMERICAN WAY	STEPHANIE MCCORMICK	4/26/2024
2024066	Re-Roof	100	HAYFIELD PLACE	VAL BUGGS	4/23/2024
2024065	Addition Commercial	342	OLD JACKSON RD	RANDY & TONYA TUCKER	4/22/2024
2024064	Sign	109	LONE WOLF DR	MAVERICK SERVICES LLC	4/18/2024
2024063	Addition Commercial	346	CHURCH RD	ACE BOLT & SCREW	4/18/2024
2024060	Re-Roof	132	FAIRCHILD COVE	DAVID RUSHING	4/17/2024
2024061	Sign	203	CALHOUN STATION PKWY	PUPPY LODGE BOARDING & DAY SP	4/17/2024
2024062	Sign	203	CALHOUN STATION PKWY	LOCAL NAIL SALON	4/17/2024
2024059	Re-Roof	155	BRADFIELD RD	ANGEL STENMARK	4/12/2024
2024058	Addition Commercial	154	CALHOUN STATION PKWY	PEDIATRIC DENTISTRY OF GLUCKST	4/12/2024
2024057	Sign	102	LONE WOLF DR	TENCARVA	4/11/2024
2024056	Sign	178	CALHOUN STATION PKWY	CHEVRON	4/9/2024
2024055	Addition Residential	146	S TAYLOR LANE	MARCUS HUNTER	4/4/2024
2024052	Sign	346	CHURCH RD	HAYZIE ROOS	4/2/2024
2024053	Sign	346	CHURCH RD	LOCAL MIXER, THE	4/2/2024
2024054	Sign	1716	HWY 51	BARRE BY ERIN, THE	4/2/2024
2024051	Addition Commercial	384	CHURCH RD	HUTCHINSON OFFICE PROPERTIES	4/1/2024
2024050	Addition Commercial	119	ENTERPRISE DR	SAFELITE	3/28/2024
2024049	Sign	1716	HWY 51	BARRE BY ERIN, THE	3/26/2024
2024048	Sign	238	WEISENBERGER RD	SEASONS	3/22/2024
2024046	Sign	124	KIMBALL DR., STE. F.	SOUTHERN MOTORCARZ	3/20/2024
2024047	Sign	346	CHURCH RD	BLUE FUJI SUSHI GRILL	3/20/2024
2024045	New Building Residential	113	ARRINGTON DR	KENNETH/SHARON PROSPER	3/19/2024
2024044	Sign	1021	GLUCKSTADT RD	TINDLE FAMILY DENTISTRY	3/19/2024
2024041	New Building Commercial	203	CALHOUN STATION PKWY	CERTIFIED CONSTRUCTION LLC	3/18/2024
2024042	New Building Commercial	203	CALHOUN STATION PKWY	CERTIFIED CONSTRUCTION LLC	3/18/2024
2024043	Sign	1091	GLUCKSTADT RD	DOMINO'S	3/18/2024
2024040	Accessory Residential	112	GERMANTOWN RD	STEVE HOPPER	3/13/2024
2024039	New Building Commercial		STOUT RD	MEADOWS AT STOUT FARMS, PART	3/8/2024
2024037	New Building Commercial	150	AUTOBAHN LOOP	MAC HAIK CANTON	3/7/2024
2024038	New Building Commercial	150	AUTOBAHN LOOP	CANTON MAC HAIK CDJR LTD	3/7/2024
2024036	Addition Commercial	109	LONE WOLF DR	MAVERICK SERVICES LLC	3/6/2024
2024035	Sign	111	DEES DRIVE	ELITE PHYSICAL THERAPY	3/5/2024
2024033	Re-Roof		118 JORN CIRCLE	BOB LUCROY	3/4/2024
2024034	New Building Commercial		CHURCH RD	BENSON BUILDERS AND PROPERTIE	3/4/2024
2024029	Accessory Commercial	1743	HIGHWAY 51	MARLO'S EATERY	3/1/2024
2024028	Addition Commercial	108	DEES DR	JORDAN DOTTLEY	2/28/2024
2024027	Gas Commercial	178	CALHOUN STATION PKWY	CHEVRON	2/27/2024
2024026	Sign	160	WEISENBERGER ROAD	KEBAB & CURRY	2/21/2024
2024025	Addition Commercial	124	KIMBALL DR	TATE HOMES LLC	2/16/2024
2024024	Sign	1091	GLUCKSTADT RD	DOMINO'S	2/16/2024
2024020	Hood Suppression	178	CALHOUN STATION PKWY	CHEVRON	2/14/2024

2024021	Hood Suppression	316	OLD JACKSON RD	FIT CHEF	2/14/2024
2024022	Addition Commercial	272	CALHOUN STATION PKWY	ANGELOS TOO	2/14/2024
2024023	Sign	1076	GLUCKSTADT RD	AUTOZONE, INC	2/14/2024
2024019	Sign	316	OLD JACKSON RD	PTS PHYSICAL THERAPY AND SPOR	2/6/2024
2024018	Sign	464	CHURCH RD	ALFA INSURANCE	2/1/2024
2024017	Addition Commercial	346	CHURCH RD	LOCAL MIXER, THE	1/29/2024
2024016	Addition Commercial	418	BUSINESS PARK DR	JOHNNY GOOCH	1/26/2024
2024014	Sign	178	CALHOUN STATION PKWY	CHEVRON	1/24/2024
2024013	Addition Commercial	346	CHURCH RD	AMAZING NAILS AND PRO DIP LLC	1/23/2024
2024012	Sign	203	CALHOUN STATION PKWY	PUPPY LODGE BOARDING & DAY SP	1/22/2024
2024008	New Building Commercial	130Z	AMERICAN WAY	HARMON QUALITY BUILDERS, LLC	1/18/2024
2024007	Electical Commercial	178	CALHOUN STATION PKWY	CERTIFIED CONSTRUCTION LLC	1/8/2024
2024006	New Building Commercial		CHURCH RD/JACKSON RD	PATRICK ROWLAND	1/5/2024
2024005	New Building Commercial		CHURCH RD	KIRKLAND PROPERTIES	1/5/2024
2024004	New Building Commercial		HWY 51 & BROWNWOOD	MICHAEL ENGLISH	1/5/2024
2024003	Addition Residential	176	CATLETT RD	PENNY COULON	1/4/2024
2023288	Addition Commercial	203	CALHOUN STATION PKWY	LOCAL NAIL SALON	1/2/2024
2023287	Sign	210	AUTOBAHN LOOP	CRASH CHAMPIONS, LLC	12/28/2023
2023285	Sign	316	OLD JACKSON RD	JAZZY DANCER	12/22/2023
2023286	Sign	316	OLD JACKSON RD	KINDER BOUTIQUE	12/22/2023
2023284	Re-Roof	119	BEAR CREEK CIRCLE	JERRY HILLIARD	12/20/2023
2023281	Addition Commercial	432	CHURCH RD	VERIZON WIRELESS	12/19/2023
2023282	Electical Commercial	644	CHURCH RD	TITAN DEVELOPNMENT CO.	12/19/2023
2023280	Re-Roof	103	RIDGEFIELD	Umathanulan Moorthy	12/18/2023
2023277	New Building Commercial	141	W. SOWELL ROAD	BRANDON SERVICE COMPANY, INC	12/13/2023
2023278	New Building Commercial		GLUCKSTADT RD	RPM REALTY, LLC	12/13/2023
2023276	Sign	124	KIMBALL DR	COLORIZE HAIR STUDIO	12/11/2023
2023275	Sign	316	OLD JACKSON RD	PTS PHYSICAL THERAPY AND SPOR	12/11/2023
2023274	Electrical Residential	144	OLD ORCHARD RD	HERMAN WASHINGTON	12/11/2023
2023271	New Building Commercial	2210	HIGHWAY 51	RAVI BEDI	12/8/2023
2023272	New Building Commercial		KIMBALL DR	MICHAEL TATE	12/8/2023
2023273	New Building Commercial	386	INDUSTRIAL DR S	FORD MUNDY	12/8/2023
2023270	New Building Commercial	2210	HIGHWAY 51	RAVI BEDI	12/5/2023
2023269	Re-Roof	140	BEAR CREEK CIRCLE	ANDY DILLON	12/5/2023
2023264	Sign	105	LEXINGTON DR., C.	MAKE IT POP	12/4/2023
2023265	New Building Commercial	2210	HIGHWAY 51	RAVI BEDI	12/4/2023
2023266	New Building Commercial	2210	HIGHWAY 51	RAVI BEDI	12/4/2023
2023267	Re-Roof	137	BEAR CREEK CIRCLE	BEST CHOICE ROOFING	12/4/2023
2023268	Re-Roof	126	BEAR CREEK CIRCLE	JACK DONALD	12/4/2023
2023263	Gas Commercial	135	INDUSTRIAL DR	STOIC EQUITY	11/30/2023
2023262	Sign	125	KIMBALL DR	CPS POOLS AND SPAS INC	11/29/2023
2023260	Addition Commercial	346	CHURCH RD	WEN HUA TANG	11/28/2023
2023261	Sign	1021	GLUCKSTADT RD	TINDLE FAMILY DENTISTRY	11/28/2023
2023259	Sign	232	OLD JACKSON RD	HUNTER ENGINEERING	11/27/2023
2023255	Addition Commercial	124	KIMBALL DR	MYERS CONSTRUCTION	11/17/2023
2023254	Sign	1021	GLUCKSTADT RD	TINDLE FAMILY DENTISTRY	11/16/2023
2023252	Addition Commercial	203	CALHOUN STATION PKWY	SHREKA CLEVELAND	11/13/2023
2023253	Re-Roof	219	FARMERS ROW	MARILYN CLARK	11/13/2023
2023247	Addition Residential	109	SUNRISE COVE	JACOB BAIN	11/9/2023

2023251	New Building Commercial	346	CHURCH RD	BLURTON HOLDINGS INC	11/9/2023
2023246	Sign	154	CALHOUN STATION PKWY	METHODIST REHABILITATION CENTER	11/6/2023
2023245	Electrical Residential	208	MUNICH COVE	GEORGE HEMBREE	11/1/2023
2023242	Sign	316	OLD JACKSON RD	PTS SPORTS PERFORMANCE	10/31/2023
2023243	Sign	1237	GLUCKSTADT ROAD	SONIC DRIVE IN	10/31/2023
2023244	Sign	316	OLD JACKSON RD	PTS SPORTS PERFORMANCE	10/31/2023
2023237	New Building Commercial	130B	AMERICAN WAY	A T & T	10/30/2023
2023238	New Building Commercial		CHURCH RD	S & D REALTY, LLC	10/30/2023
2023239	New Building Commercial		CHURCH RD	S & D REALTY, LLC	10/30/2023
2023240	New Building Commercial	608	CHURCH ROAD	PUCKETT MACHINERY	10/30/2023
2023241	New Building Commercial	608	CHURCH ROAD	PUCKETT MACHINERY	10/30/2023
2023235	Sign	124	KIMBALL DR. UNIT 100	TIMBER TAVERN, LLC	10/24/2023
2023231	Addition Commercial	384	CHURCH RD	LEE HUTCHINSON	10/20/2023
2023232	Addition Commercial	124	KIMBALL DR	BTH PROPERTIES	10/20/2023
2023230	Sign	311	CALHOUN STATION PKWY	HOTSPOT MARKET	10/16/2023
2023229	Sign	1227	GLUCKSTADT ROAD	SUBWAY	10/10/2023
2023228	Re-Roof	210	N INDUSTRIAL DR	WESTLAKE CHEMCIAL	10/9/2023
2023227	Solar	453	STOUT RD	JERRY BOULDIN	10/6/2023
2023226	Sign	154	CALHOUN STATION PKWY	METHODIST REHABILITATION CENT	10/5/2023
2023223	New Building Commercial	140	GLUCKSTADT WAY	CITY OF GLUCKSTADT	9/27/2023
2023221	Sign	154	CALHOUN STATION PKWY	IMPROMPTU GIFTS AND BOUTIQUE	9/26/2023
2023222	Re-Roof	107	BEAR CREEK	REGINALD WOODARD	9/26/2023
2023220	Addition Commercial	1240	GLUCKSTADT ROAD	CARDINAL HEALTH	9/14/2023
2023213	Sign	141	W SOWELL RD	BRANDON SERVICE COMPANY	9/12/2023
2023211	Sign	102	DEES DR	WON WOK	9/7/2023
2023210	New Building Commercial		BUSINESS PARK DR	JOHN GOOCH	9/1/2023
2023208	Addition Residential	200	PLANTERS COVE	ROBERT GIORDANO	8/31/2023
2023207	Addition Residential	103	GERMANTOWN RD	JEFFREY GUY	8/31/2023
2023206	Addition Commercial	210	N INDUSTRIAL DR	WESTLAKE CHEMCIAL	8/28/2023
2023204	Addition Residential	130	RIDGEFIELD DR	TED CRAWLEY	8/21/2023
2023203	Sign	154	CALHOUN STATION PKWY	GLUCKSTADT PHARMACY	8/9/2023
2023200	Sign	1706	HIGHWAY 51	BUMPERS DRIVE IN	8/4/2023
2023201	Sign	102	LONE WOLF DR	BLACK DIAMOND RACING CUSTOM	8/4/2023
2023202	Sign	113	DEES DR	SIGNATURE SMILES	8/4/2023
2023198	Sign	311	CALHOUN STATION PKWY	HOTSPOT MARKET	8/3/2023
2023196	Addition Residential	108	PERRY COVE	DAVID TULLOS	8/2/2023
2023197	Addition Commercial	102	DEES DR	TONY VU dba VU CONTRACTORS	8/2/2023
2023194	Addition Residential	102	DEES DR	TONY VU dba VU CONTRACTORS	8/1/2023
2023193	Sign	195	INDUSTRIAL BLVD	SANHUA INTERNATIONAL, INC.	8/1/2023
2023190	Addition Commercial	359	OLD JACKSON RD	FASTENAL COMPANY	7/28/2023
2023191	New Building Commercial	264	CALHOUN STATION PKWY	CORNER AT CALHOUN STATION	7/28/2023
2023192	Addition Commercial	210	N INDUSTRIAL DR	WESTLAKE CHEMCIAL	7/28/2023
2023187	Addition Commercial	140	AUTOBAHN LOOP	MADISON MAC HAIK CHEVROLET LT	7/26/2023
2023185	Sign	140	ENTERPRISE DRIVE	HOMEWELL CARE SERVICES	7/21/2023
2023186	Sign	154	CALHOUN STATION PKWY	SIMPLI NAIL SPA LLC	7/21/2023
2023183	Re-Roof	168	HUNTERS ROW	MORAIN TONY	7/18/2023
2023182	Sign	102	DEES DR	EL SOMBRERO	7/17/2023
2023181	Sign	311	CALHOUN STATION PKWY	HOTSPOT MARKET	7/10/2023
2023179	New Building Commercial	311	CALHOUN STATION PKWY	CALHOUN STATION	7/6/2023

2023174	Accessory Residential	127	RIDGEFIELD DR	RNC SERVICES LLC	7/5/2023
2023172	New Building Commercial	1025	GLUCKSTADT RD	GLUCKSTADT PLACE	6/28/2023
2023173	Sign	111	AULENBROCK DR	CHRISTIAN LEARNING CENTER	6/28/2023
2023171	New Building Commercial	1	KAYO DR	KAYO PLACE	6/23/2023
2023170	Sign	102	DEES DR	MISSISSIPPI CANDY COMPANY	6/19/2023
2023169	Fence	102	LONE WOLF DRIVE	TINO'S PET GROOMING LLC	6/15/2023
2023168	Addition Commercial	300	YANDELL RD	MADISON CROSSING ELEM SCHOOL	6/15/2023
2023165	Sign	102	LONE WOLF DRIVE	TINO'S PET GROOMING LLC	6/12/2023
2023163	Sign	1743	HIGHWAY 51	BRYAN TIRES SREVICE	6/7/2023
2023161	Sign	108	DEES DRIVE	BURGER KING	6/6/2023
2023162	Sign	111	DEES DRIVE	3 HOUSES	6/6/2023
2023156	Sign	1240	GLUCKSTADT ROAD	CARDINAL HEALTH	6/1/2023
2023154	New Building Commercial	409	CALHOUN STATION PKWY	MADISON COUNTY SCHOOL DISTRI	5/30/2023
2023151	Sign	154	CALHOUN STATION PKWY	TIME 4 TOYS	5/24/2023
2023153	Mechanical Residential	103	COTTON COVE	AIRSOUTH, LLC	5/24/2023
2023152	Sign	154	CALHOUN STATION PKWY	YAMI ASIAN RESTAURANT	5/24/2023
2023150	Fence	125	KIMBALL DR	CPS POOLS AND SPAS INC	5/23/2023
2023148	Generator	216	CRESCENT RIDGE	Robert Hinton	5/19/2023
2023149	Generator	123	LAKESHIRE COVE	DEBBIE HARDEE	5/19/2023
2023147	New Building Commercial	109	ENTERPRISE DRIVE	GREEN OAK	5/19/2023
2023146	Addition Residential	146	STRIBLING RD EXT	ZACH ETHERIDGE	5/18/2023
2023129	Sign	102	DEES DR BLG 300	MISSISSIPPI CANDY COMPANY	5/16/2023
2023125	Accessory Residential	111	MUIRFIELD PLACE	JACQUELINE PATTON	5/10/2023
2023124	Sign	138	W. SOWELL ROAD	CLASSIC RESTORATIONS, LLC	5/9/2023
2023123	Sign	576	CHURCH RD	STEEL TECHNOLOGIES	5/4/2023
2023120	Sign	1716	HIGHWAY 51	RIPTIDE OUTDOORS	4/19/2023
2023119	Electical Commercial	1267	GLUCKSTADT RD	DAMPIER LIGHTING	4/18/2023
2023118	Addition Commercial	155	CALHOUN STATION PKWY	SULLIVAN'S GROCERY	4/17/2023
2023117	Sign	240	AUTOBAHN LOOP	CRASH CHAMPIONS	4/14/2023
2023114	Addition Residential	216	CRESCENT RIDGE	Robert Hinton	3/29/2023
2023112	Fence	111	AULENBROCK DR	CHRISTIAN LEARNING CENTER	3/28/2023
2023113	Sign	102	DEES DR	MAGNOLIA HEMP COMPANY	3/28/2023
2023108	Addition Commercial	195	INDUSTRIAL BLVD	CADENA SMITH, LLC	3/20/2023
2023107	Gas Residential	105	ARRINGTON DR	JOHN DYKES	3/17/2023
2023099	Addition Residential	113	MUIRFIELD PLACE	LARRY FRANKLIN	3/15/2023
2023092	Re-Roof	111	FIRST COLONY BLVD	GUARANTEED ROOFING COMPANY	3/10/2023
2023088	New Building Commercial	346	CHURCH RD	GERMANTOWN PARK	3/7/2023
2023086	Sign	103	TRUSTMARK DR	TRUSTMARK NATIONAL BANK	3/7/2023
2023087	New Building Commercial	346	CHURCH RD	GERMANTOWN PARK	3/7/2023
2023085	New Building Commercial	800	SAHLER LANE	FIT CHEF	3/6/2023
2023079	Addition Residential	144	OLD ORCHARD RD	EAGLE CARPORTS	3/3/2023
2023078	Gas Residential	131	SUNRISE COVE	BUTLER PLUMBING	3/3/2023
2023080	Addition Residential	144	OLD ORCHARD RD	EAGLE CARPORTS	3/3/2023
2023081	Addition Residential	144	OLD ORCHARD RD	EAGLE CARPORTS	3/3/2023
2023082	Addition Residential	144	OLD ORCHARD RD	EAGLE CARPORTS	3/3/2023
2023070	Accessory Residential	175	BRADFIELD DR	MARQUEUS DRAPER	3/1/2023
2023077	Sign	1715	HIGHWAY 51	BOO'S SMOKEHOUSE BBQ LLC	3/1/2023
2023069	Sign	154	CALHOUN STATION PKWY	SOULSHINE PIZZA	2/22/2023
2023067	Sign	112	LONE WOLF DR	SCOTT C WOODS & ASSOC P. A.	2/16/2023

2023068	New Building Commercial	102	DEES DR	4 SEASONS NAILS	2/16/2023
2023065	Driveway	101	FIRST CHOICE DR	FIRST CHOICE DRIVE LLC	2/10/2023
2023064	Sign	1091	GLUCKSTADT RD	DOMINO'S	2/8/2023
2023062	Sign	124	LONE WOLF DR	FUTURE LABS, LLC	2/7/2023
2023063	Sign	115	AULENBROCK DR	WEEMS MCDONALD	2/7/2023
2023060	Sign	160	WEISENBERGER RD	KEBAB & CURRY	2/7/2023
2023061	Sign	112	LONE WOLF DR	SCOTT C WOODS & ASSOC P. A.	2/7/2023
2023059	New Building Commercial	346	CHURCH RD	JLS CONSTRUCTION	2/6/2023
2023058	Driveway	347	DISTRIBUTION DR	CLARK RENTAL AND SUPPLY	2/2/2023
2023055	Sign	116	LONE WOLF DRIVE	HYDRONIC TECHNOLOGY	1/31/2023
2023054	Sign	166	CALHOUN STATION PKWY	TWISTED TURNIP	1/30/2023
2023053	Sign	102	DEES DR	EPIC DONUT/STONE GROUND COFFEE	1/30/2023
2023050	Sign	1715	HIGHWAY 51	BOO'S SMOKEHOUSE BBQ LLC	1/26/2023
2023049	Addition Commercial	102	DEES DR	SOUTHERN MAGNOLIA HEMP COMPANY	1/26/2023
2023051	Electical Commercial	200	CALHOUN STATION PKWY	GERMANTOWN HIGH SCHOOL	1/26/2023
2023047	Sign	104	CHURCH RD	PRIORITY ONE BANK	1/25/2023
2023048	Sign	333	DISTRIBUTION DR	GLUCKSTADT BODY SHOP	1/25/2023
2023046	Addition Commercial	128	WEISENBERGER RD	BMC GENERAL CONTRACTORS LLC	1/24/2023
2022043	Sign	105	LEXINGTON DR	BUDGET BLINDS	1/19/2023
2022042	Sign	112	LEXINGTON DR	THE OFFICE	1/19/2023
2022040	Sign	272	CALHOUN STATION PKWY	JOHNNY'S PIZZA	1/17/2023
2022039	Sign	105	LEXINGTON DR	MAGNOLIA CONCESSIONS LLC	1/13/2023
2022038	Sign	124	ENTERPRISE DR	SOUTHERNEASTERN AUTOMATIC SERVICE	1/13/2023
2022036	Sign	111	DEES WAY	GO SHINE EXPRESS CARWASH	1/12/2023
2022037	Sign	109	AULENBROCK DR	HARTLEY EQUIPMENT	1/12/2023
2022035	New Building Commercial	1	BLDG C CALHOUN STATION PKWY	AOK PROPERTIES LLC	1/11/2023
2022033	Sign	115	LONE WOLF DR	ETAIROS VHAC	1/10/2023
2022034	Sign	243	INDUSTRIAL DR	BEN NELSON GOLF & OUTDOOR	1/10/2023
2022032	Sign	155	AMERICAN WY	DIXIE EQUINE	1/10/2023
2022031	Sign	102	LEXINGTON DR	DOGWOOD OFFICE CENTER	1/10/2023
2022029	Sign	331	DISTRIBUTION DR	GULF EQUIPMENT CORPORATION	1/9/2023
2022030	Sign	168	AMERICAN WAY	BOH INC	1/9/2023
2022026	Sign	1706	HIGHWAY 51	ALPHA FINANCIAL & TAX SERVICES	1/5/2023
2022027	Sign	184	AMERICAN WAY	AFTERZONE, LLC	1/5/2023
2022025	Sign	100	FIRST CHOICE DR	DEPENDABLE PEST SERVICE INC	1/3/2023
2022021	New Building Commercial	1091	GLUCKSTADT RD	ALHLETICO PHYSICAL THERAPY	12/29/2022
2022016	Sign	137	YANDELL RD	BAMBOO EXPRESS	12/28/2022
2022018	Sign	102	DEES DR BLG 300	SOPHIE'S MILKSHAKES & SUNDAES	12/28/2022
2022015	Sign	120	YANDELL RD	OUTLETS OF MISSISSIPPI	12/28/2022
2022017	Sign	555	INDUSTRIAL DR S	V2X	12/28/2022
2022019	Sign	102	DEES DR	GERMANTOWN DENTAL	12/28/2022
2022020	Sign	114	DEES DR	GLUCKSTADT FITNESS	12/28/2022
2022011	Accessory Commercial	154	CHURCH RD	4 SEASONS	12/21/2022
2022009	Accessory Commercial	238	WEISENBERGER RD	4 SEASONS	12/21/2022
2022010	Accessory Commercial	103	DEES DR	4 SEASONS	12/21/2022
2022012	New Building Commercial	130B	AMERICAN WAY	GREEN STEEL COATINGS	12/21/2022
2022008	Mechanical Commercial	166	CALHOUN STATION PKWY	PRO SERVICE LLC	12/19/2022
2022007	Electical Commercial	195	INDUSTRIAL BLVD	COVINGTON ELECTRIC	12/15/2022
2022006	Sign	1085	GLUCKSTADT PLACE	GLUCKSTADT PLACE	12/14/2022

2022003	New Building Commercial	154	CALHOUN STATION PKWY	ANTHONY MORRISON	12/13/2022
2022004	Sign	2125	HIGHWAY 51	W L BURLE ENGINEERS P A	12/12/2022
2022002	New Building Residential	1004	Madison Ave	AMANDA LORIAN	12/9/2022
2022001	AC Change Out	1004	Madison Ave	Rachel Sargent	12/9/2022
2022005	Sign	102	DEES DR	4 SEASON NAILS	12/2/2022
2023083	Addition Residential	144	OLD ORCHARD RD	EAGLE CARPORTS	11/23/2022
2023188	New Building Commercial	124	KIMBALL DR	BTH PROPERTIES	8/7/2022

City of Gluckstadt

Application for Conditional Use

Subject Property Address: TBD by E911. Adjacent Address is 150 Autobahn Loop, Madison, MS 39110
Parcel #: 39110082E-21 -016/19.00

Owner: MH Canton CDJR Realty LTD
Address: 11757 Katy Freeway #1300
Houston, Tx 77079

Applicant: Peoples Construction
Address: 3913 Underwood Drive
Flowood, MS 39232

Phone #: _____
E-Mail: _____

Phone #: 601-932-1111
E-Mail: alex@peoplesconstruction.com

Current Zoning District: C-2

Acreage of Property (If applicable): 4.11 acres

Use sought of Property: _____

Indoor vehicle service / Enclosed warehouse

Garage w/ outside storage
2024038

209

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.

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

By signing this application, it is understood and agreed that permission is given to the Zoning Administrator to have a sign erected on subject property, giving notice to the public that said property is being considered for a dimensional variance.

Marlene S

3/1/2024

Applicant Signature

Date

Property Owner Signature

Date



PEOPLES CONSTRUCTION CORPORATION

Building Relationships in Central Mississippi since 1966

Date: March 4, 2024

To: William Hall
City of Gluckstadt

RE: Mac Haik New Service Building Conditional Use Request

Pursuant to the City of Gluckstadt zoning ordinance section 805.01, Mac Haik Chrysler Dodge Jeep Ram is requesting a conditional use permit for the proposed new service building to be constructed adjacent to the current dealership operations. The parcel is currently zoned C-2. The proposed use will include both indoor vehicle service and indoor parts warehouse to support the dealership operations.

Per section XXIII Highway Commercial District (C-2) of the zoning ordinance, indoor vehicle service is a permitted use, therefor we are requested a conditional use for the indoor parts warehouse and outside vehicle storage. The proposed use and nature will be similar to the current dealerships use.

The proposed new building will support the future operations and growth of the Mac Haik and continue to further support the Gluckstadt community.

Sincerely,

Alex Reeves

Prepared by & Return to:

Matthew T. Hagan
1980 Post Oak Blvd, Ste 1380
Houston, TX 77056
Ph: 713-850-9000

1200
#613
FEDEX

TITLE OF INSTRUMENT:

Warranty Deed

GRANTEE:

MAC HAIK
11757 Katy Freeway #1500
Houston, Texas 77079
Phone: 281-496-7788

GRANTOR:

MH RAW LAND LLC
11757 Katy Freeway #1500
Houston, Texas 77079
Phone: 281-496-7788

INDEXING INSTRUCTIONS:

The North 1/2 of Section 21,
Township 8 North-Range 2 East,
Madison County, Mississippi

WARRANTY DEED

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good, legal and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned, **MAC HAIK**, GRANTOR, does hereby Grant, Bargain, Sell, Convey, and Warrant unto **MH RAW LAND LLC**, a Texas limited liability company, GRANTEE, that certain land and property situated and being in **MADISON** County, Mississippi, to-wit: (the "Property")

SEE EXHIBIT "A"

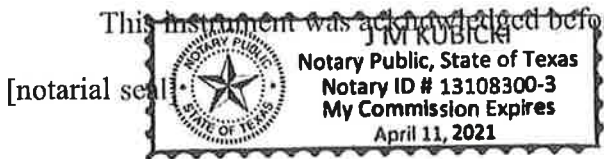
WITNESS MY SIGNATURE on this the 25th day of April, 2018.

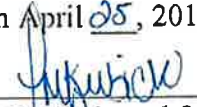


MAC HAIK

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

This instrument was acknowledged before me on April 25, 2018 by MAC HAIK.





Notary Public in and for said County and State

My commission expires:
April 11, 2021

Print Name of Notary:
Jim Kubicki

EXHIBIT A – LEGAL DESCRIPTION**TRACT 1:**

A certain tract of land containing 4.06 acres, more or less, situated in the Northeast Quarter of the Northwest Quarter, the Northwest Quarter of the Northeast Quarter, the Southeast Quarter of the Northwest Quarter and the Southwest Quarter of the Northeast Quarter of Section 21, Township 8 North, Range 2 East, Madison County, Mississippi, and being more particularly described as follows:

Commencing at a P.K. nail set in pavement, marking the Northwest corner of Section 21, Township 8 North, Range 2 East, Madison County, Mississippi; run thence South 68°14'25" East for 2811.55 feet to a point on the East line of Autobahn Loop, said point hereinafter referred to as the Point of Beginning:

Thence South 87°03'09" East for 538.63 feet to a point on the West line of Interstate No. 55; thence Southerly along the arc of a 01°01'09" curve to the right, said curve having a radius of 5622.43 feet and a chord of South 08°35'25" West for 363.73 feet, for an arc distance of 363.80 feet; thence North 79°19'52" West for 541.11 feet to a point on the East line of Autobahn Loop; thence Northerly along the arc of a 01°13'42" curve to the left, said curve having a radius of 4665.01 feet and a chord of North 09°52'47" East for 79.91 feet; thence North 09°23'20" East along the East line of Autobahn Loop for 211.28 feet to the Point of Beginning.

TRACT 2:

A certain tract of land containing 1.01 acres, more or less, situated in the Northwest Quarter of the Northeast Quarter and the Northeast Quarter of the Northwest Quarter of Section 21, Township 8 North, Range 2 East, Madison County, Mississippi, and being that same tract of land as conveyed to Mac Haik by Warranty Deed and recorded in the Office of the Chancery Clerk of Madison County, Mississippi, in Deed Book 3366, at Page 570, and being more particularly described as follows:

Commencing at a P.K. nail set in pavement, marking the Northwest corner of Section 21, Township 8 North, Range 2 East, Madison County, Mississippi; run thence South 70°22'41" East for 2779.13 feet to a ½" rebar set on the East line of Autobahn Loop, said point hereinafter referred to as the Point of Beginning:

Thence South 81°15'40" East for 543.83 feet to a ½" rebar set on the West line of Interstate No. 55; thence Southerly along the arc of a 01°01'09" curve to the right, said curve having a radius of 5622.43 feet and a chord of South 06°27'33" West for 54.43 feet, for an arc distance of 54.43 feet; thence leaving the West line of Interstate No. 55, run North 87°03'09" West for 538.63 feet to a point on the East line of Autobahn Loop; thence North 09°23'20" East along the East line of Autobahn Loop for 4.17 feet to a ½" rebar; thence Northerly along the arc of a 13°24'53" curve to

the left, said curve having a radius of 427.11 feet and a chord of North 04°47'11" East for 68.55 feet, for an arc distance of 68.62 feet to a ½" rebar; thence North 00°11'01" East along the East line of Autobahn Loop for 36.59 feet to the Point of Beginning.



INTERIM AD DRAFT

This is the proof of your ad scheduled to run in **Madison County Journal** on the dates indicated below. If changes are needed, please contact us prior to deadline at **(601) 853-4222**.

Notice ID: K2QEQLCKgD84ggSCWka3 | **Proof Updated: Mar. 26, 2024 at 01:31pm CDT**
Notice Name: Conditional Use for Mac Haik Service Building

This is not an invoice. Below is an estimated price, and it is subject to change. You will receive an invoice with the final price upon invoice creation by the publisher.

FILER	FILING FOR
Bridgette Smith	Madison County Journal
bridgette.smith@gluckstadt.net	
(769) 567-2306	

Columns Wide:	1	Ad Class: Legals
Total Column Inches:	2.06	
Number of Lines:	18	

03/28/2024: Other	14.64
Proof of Publication Fee	3.00

Subtotal	\$17.64
Tax	\$0.00
Processing Fee	\$6.76
Total	\$24.40

NOTICE IS HEREBY GIVEN TO THOSE PARTIES IN INTEREST that there will be a Public Hearing on Tuesday, April 23, 2024 at 6:00 PM before the Gluckstadt Planning and Zoning Commission at the Gluckstadt City Hall, 343 Distribution Drive, Gluckstadt, MS 39110 for the purpose of Conditional Use for Enclosed Warehouse and Garage with Outside Storage for the following parcel: 082E-21-016/19.00

The Public Hearing in relation thereto shall provide parties in interest and citizens an opportunity to be heard. A copy of the Conditional Use application shall be available at City Hall for inspection by the public.

MAC HAIK

NEW SERVICE BUILDING

PROPOSED COMMERCIAL SITE DEVELOPMENT

AUTOBAHN LOOP

GLUCKSTADT, MS 39110

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 REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

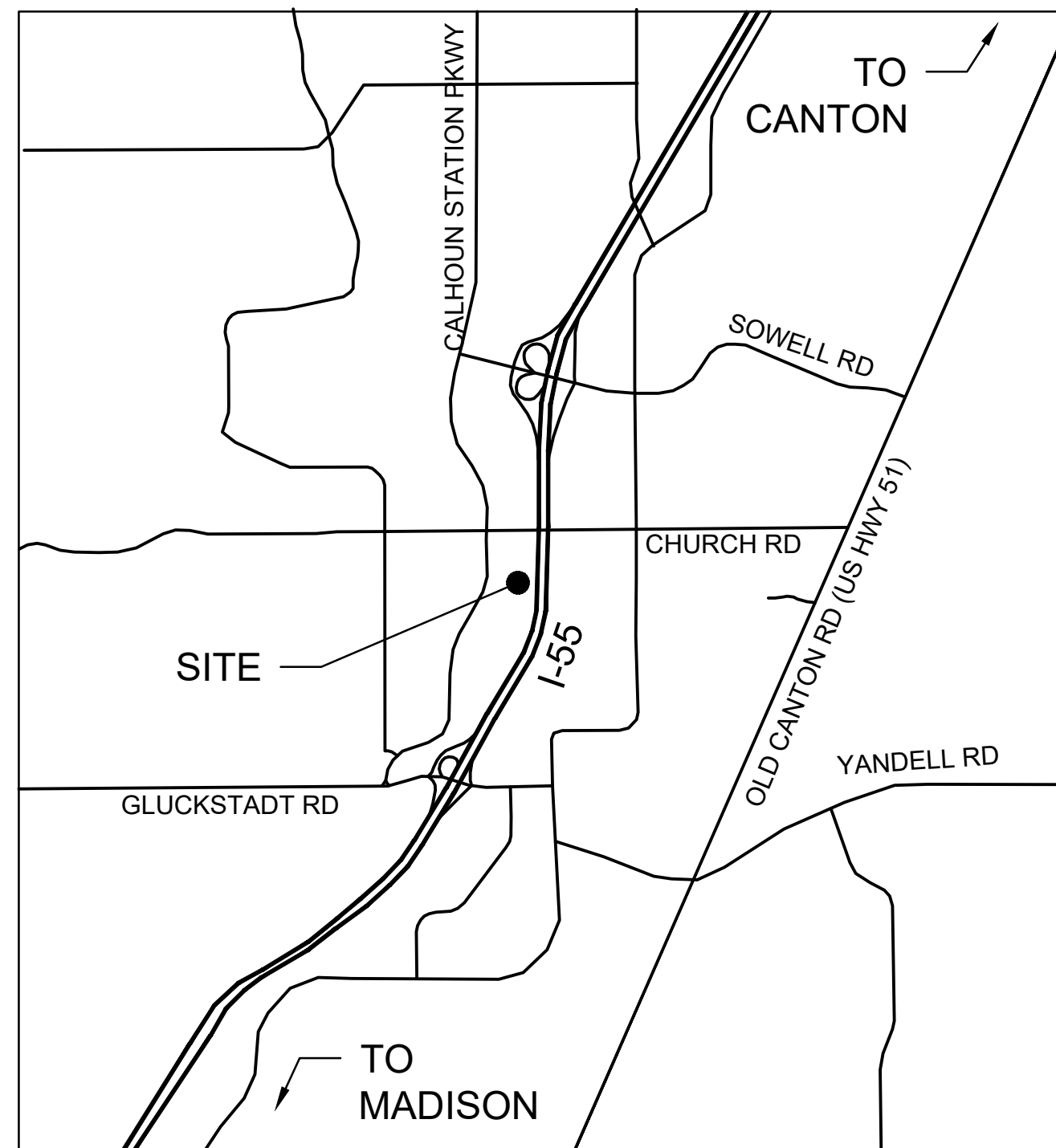
DRAWING ISSUED

OWNER:
MAC HAIK
AUTOBAHN LOOP
GLUCKSTADT, MS 39110

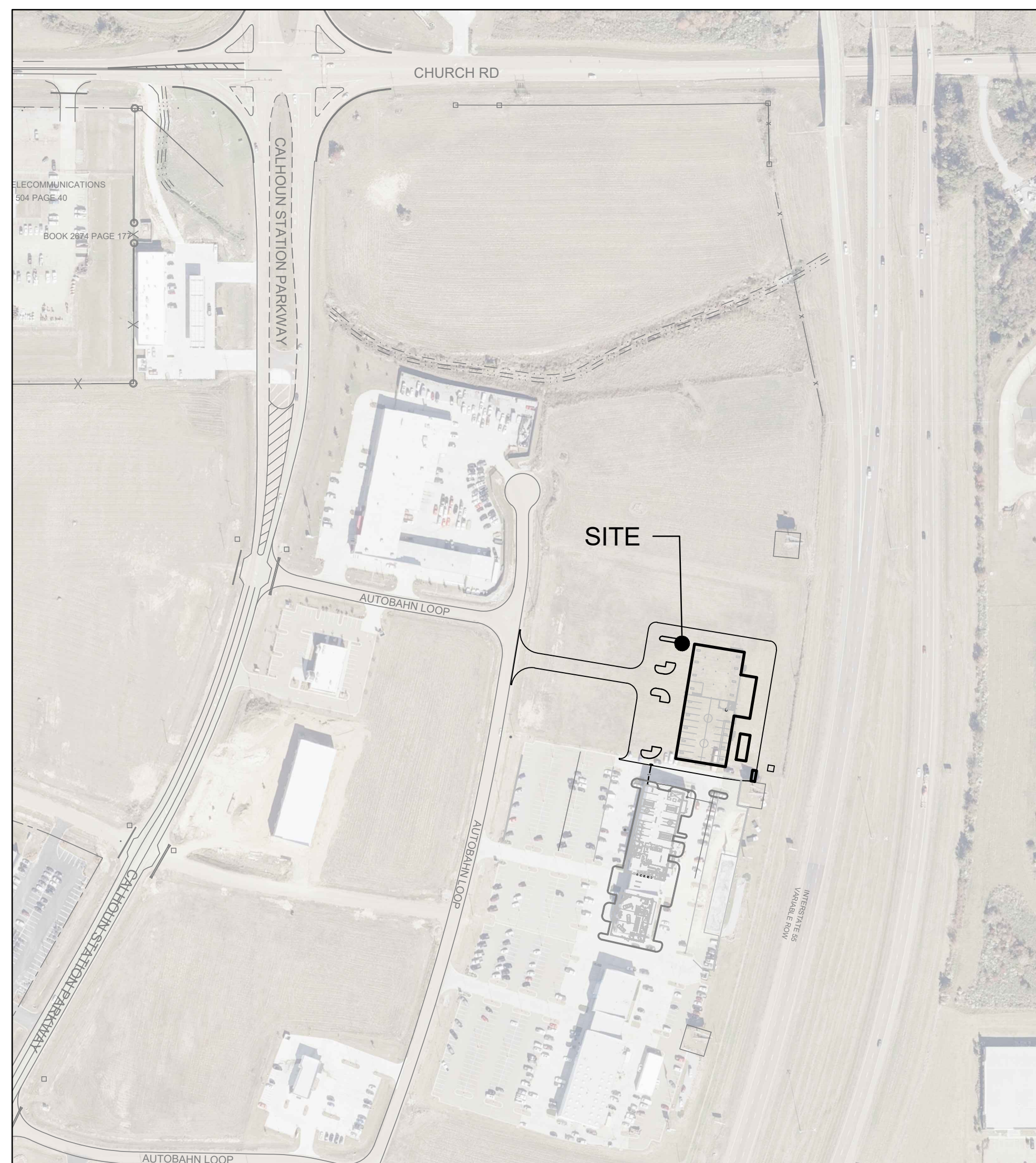
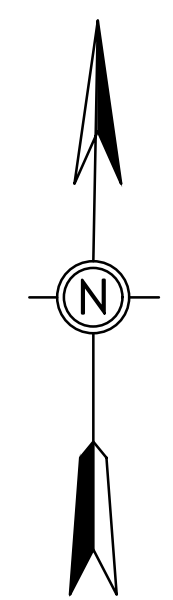
PROJECT TITLE: MAC HAIK NEW SERVICE BUILDING
SHEET TITLE:
COVER
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

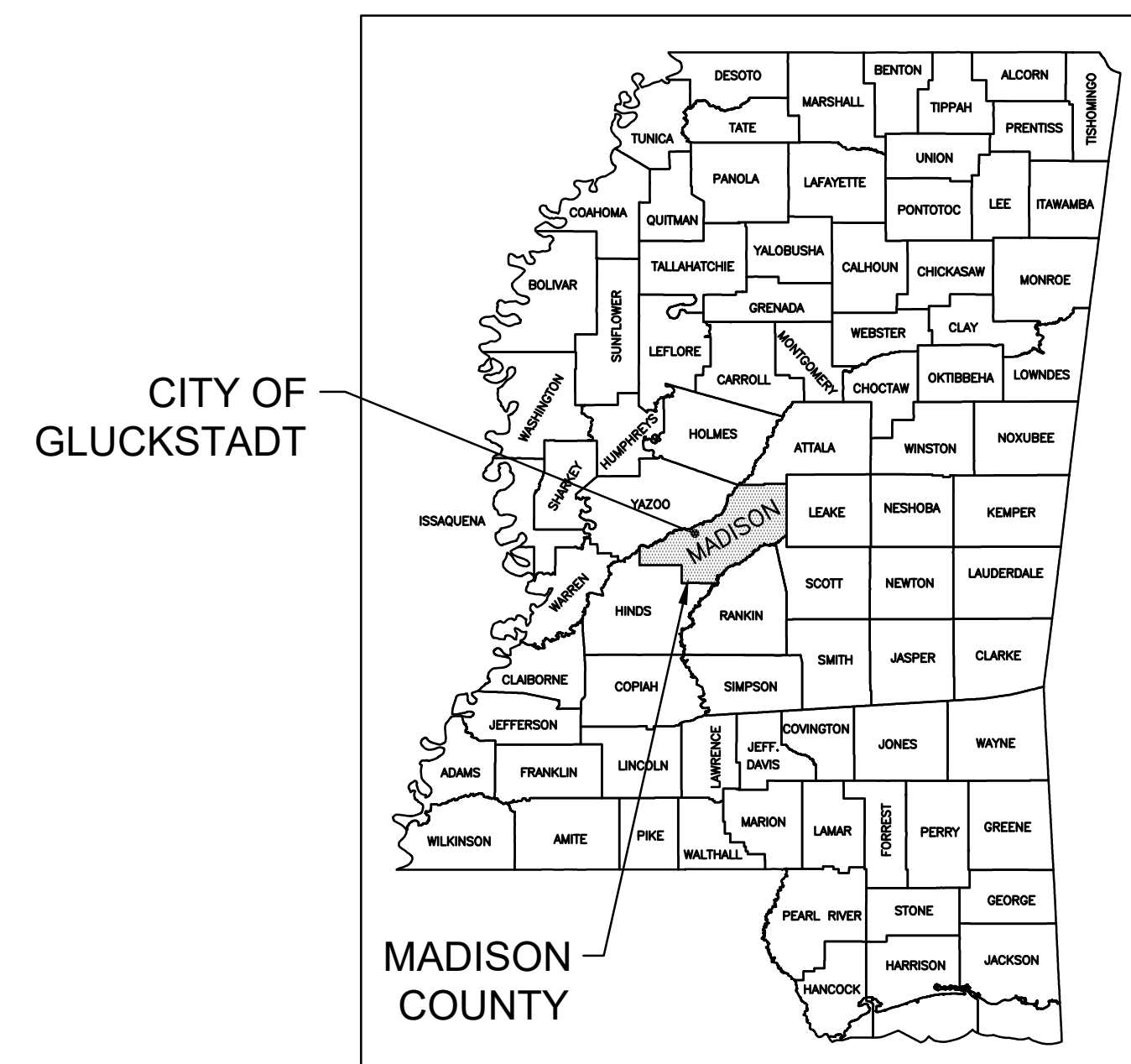
SHEET NUMBER:
1



CITY LOCATION



STREET LOCATION

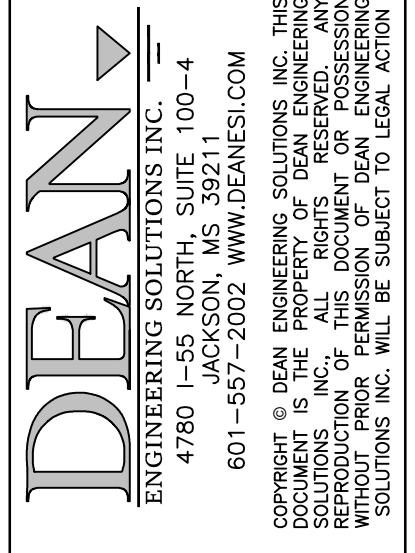


STATE LOCATION

- TABLE OF CONTENTS
- COVER
 - EXISTING CONDITIONS & DEMO PLAN
 - SITE PLAN
 - UTILITY PLAN
 - GRADING PLAN
 - EROSION CONTROL PLAN (SWPPP)
 - DETAILS



Know what's below
Call before you dig



No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

DRAWING ISSUED

OWNER:
MAC HAIK

AUTOBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**

SHEET TITLE:
EXISTING CONDITIONS & DEMO PLAN

SITE DEVELOPMENT

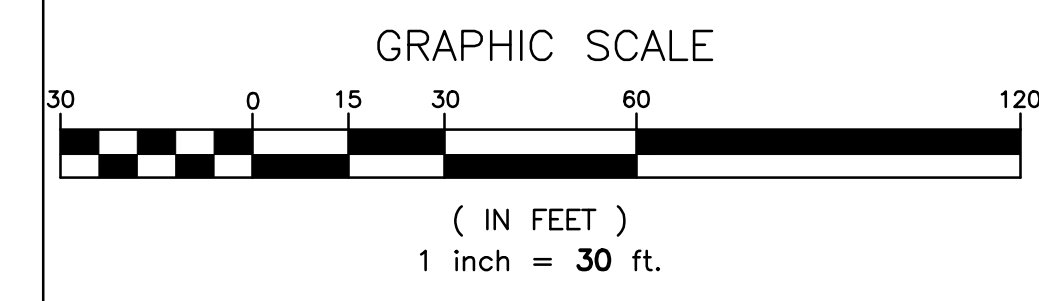
JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
2



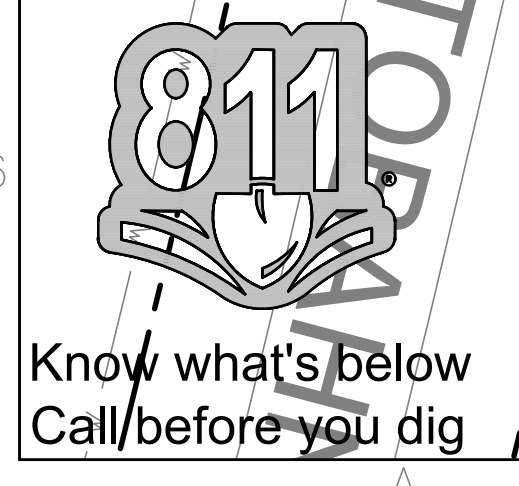
DRAWING SYMBOL LEGEND

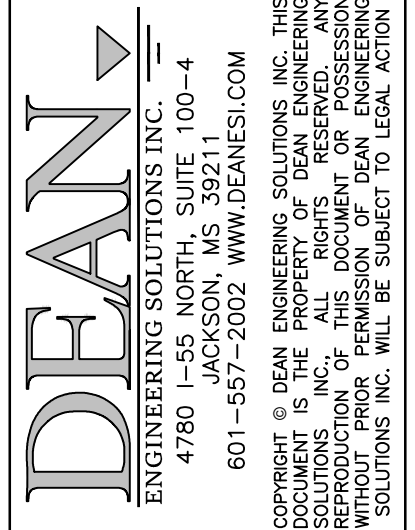
EXISTING	DESCRIPTION
— E —	OVERHEAD POWER LINE
— SS —	SANITARY SEWER LINE
— W —	WATER LINE
-X-X-	FENCE LINE
— STM —	STORM LINE
---	PROPERTY LINE
— 400 —	MAJOR CONTOUR LINE
— 401 —	MINOR CONTOUR LINE
⊙	SANITARY SEWER MANHOLE



SURVEY NOTES:

1. 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.





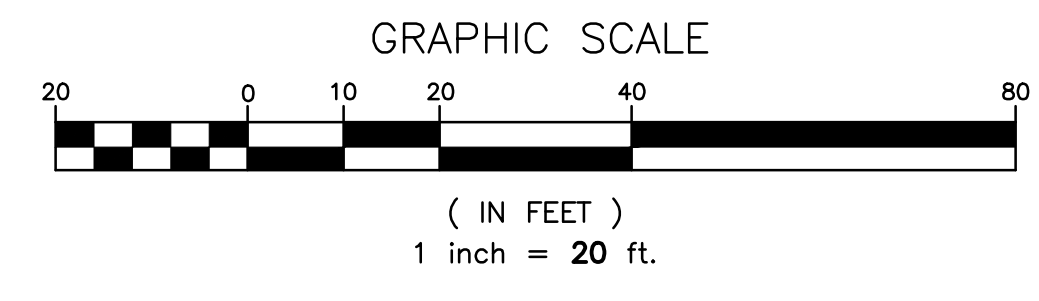
No.	Description	Date
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2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK
AUTBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE:
SITE PLAN
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
3

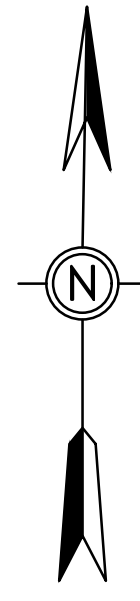
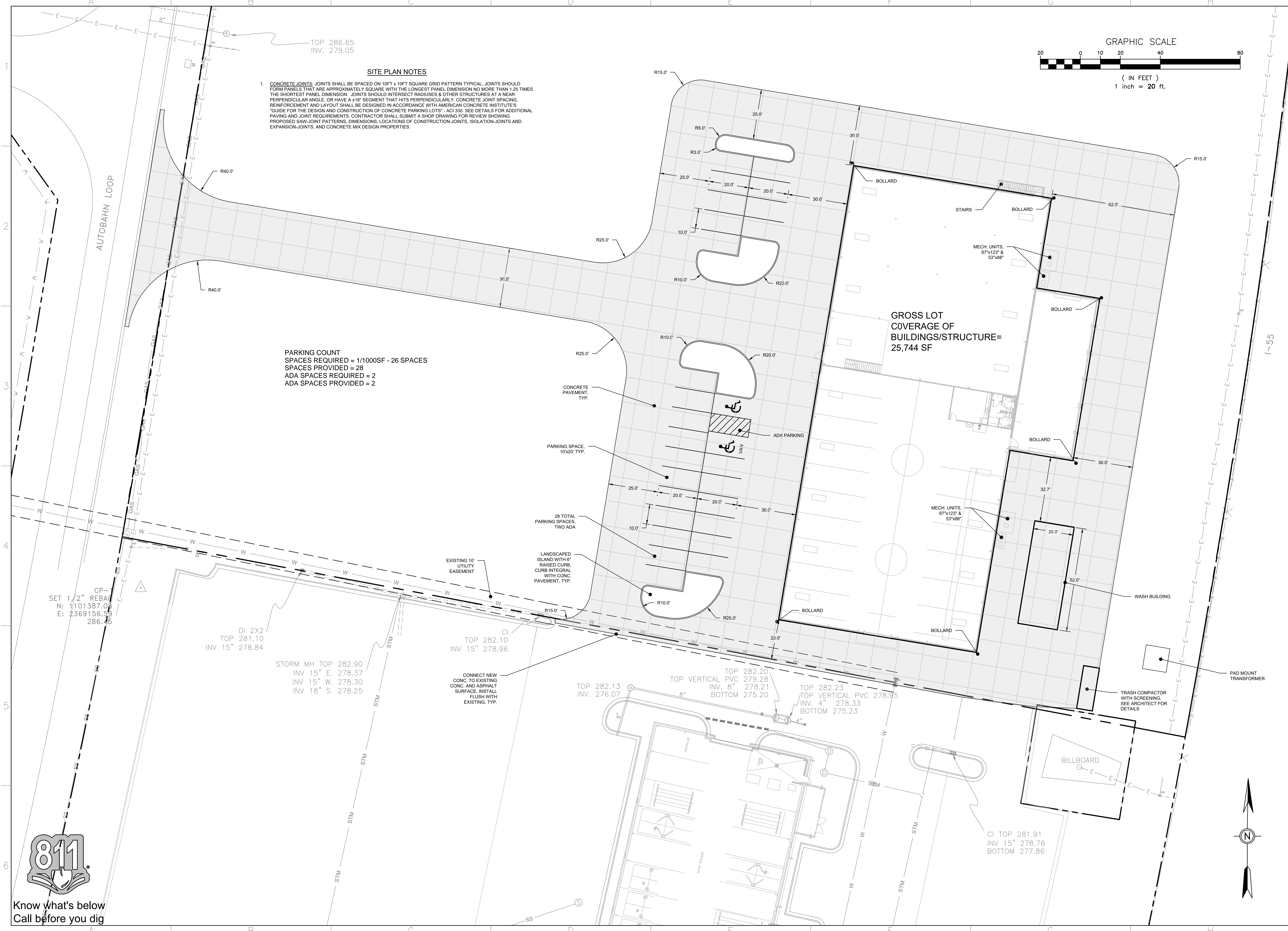


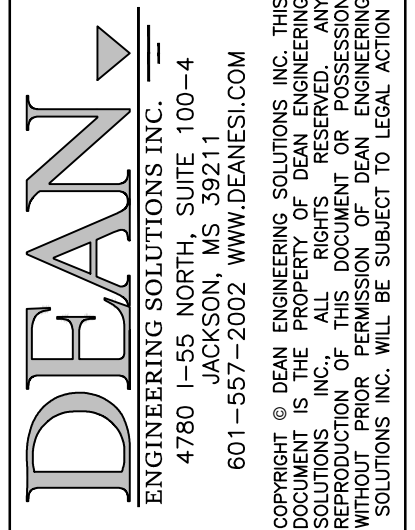
SITE PLAN NOTES

1. 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 ±10° 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 330. 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.

PARKING COUNT
SPACES REQUIRED = 1/1000SF - 26 SPACES
SPACES PROVIDED = 28
ADA SPACES REQUIRED = 2
ADA SPACES PROVIDED = 2

GROSS LOT COVERAGE OF BUILDINGS/STRUCTURE = 25,744 SF





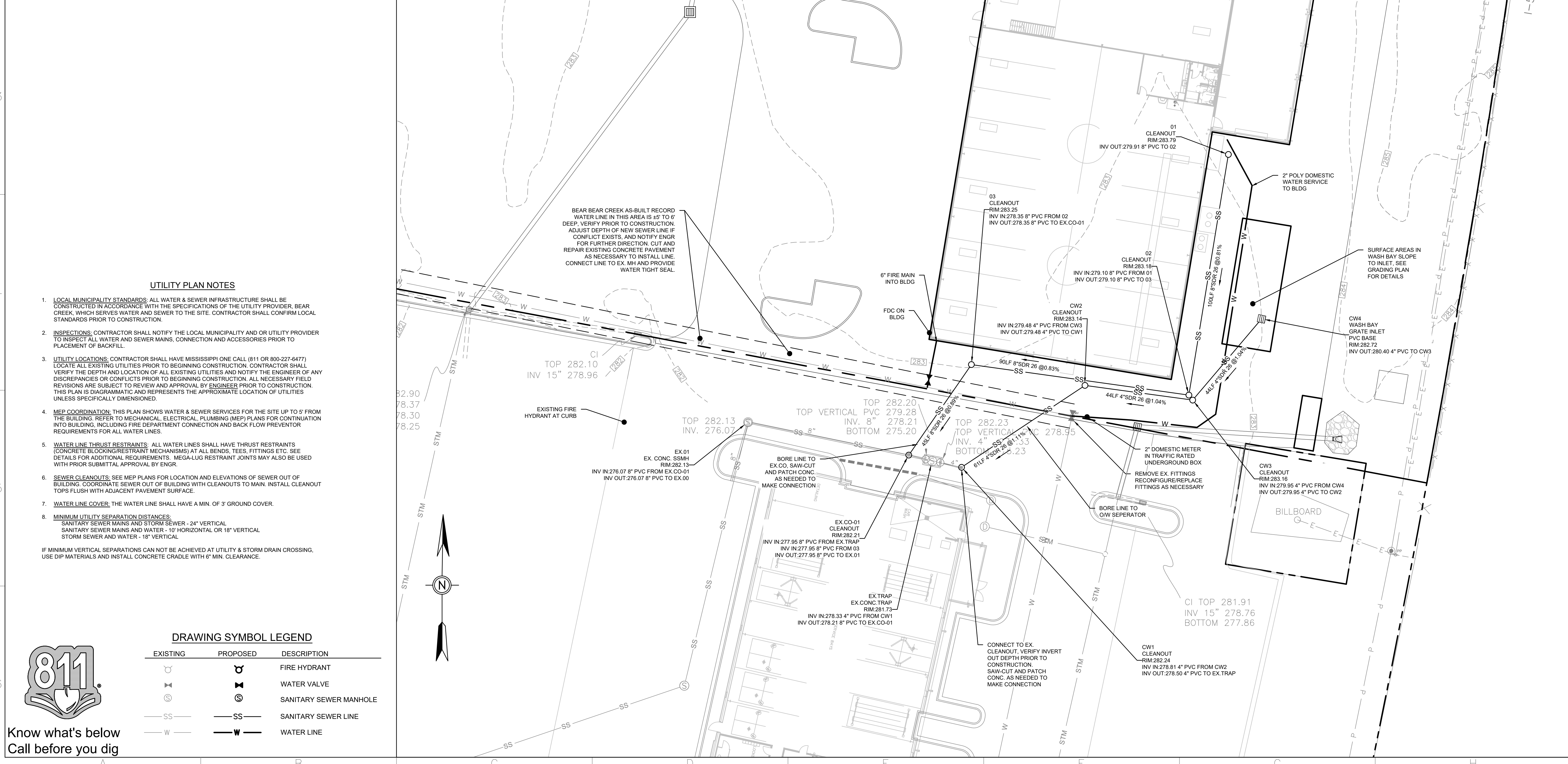
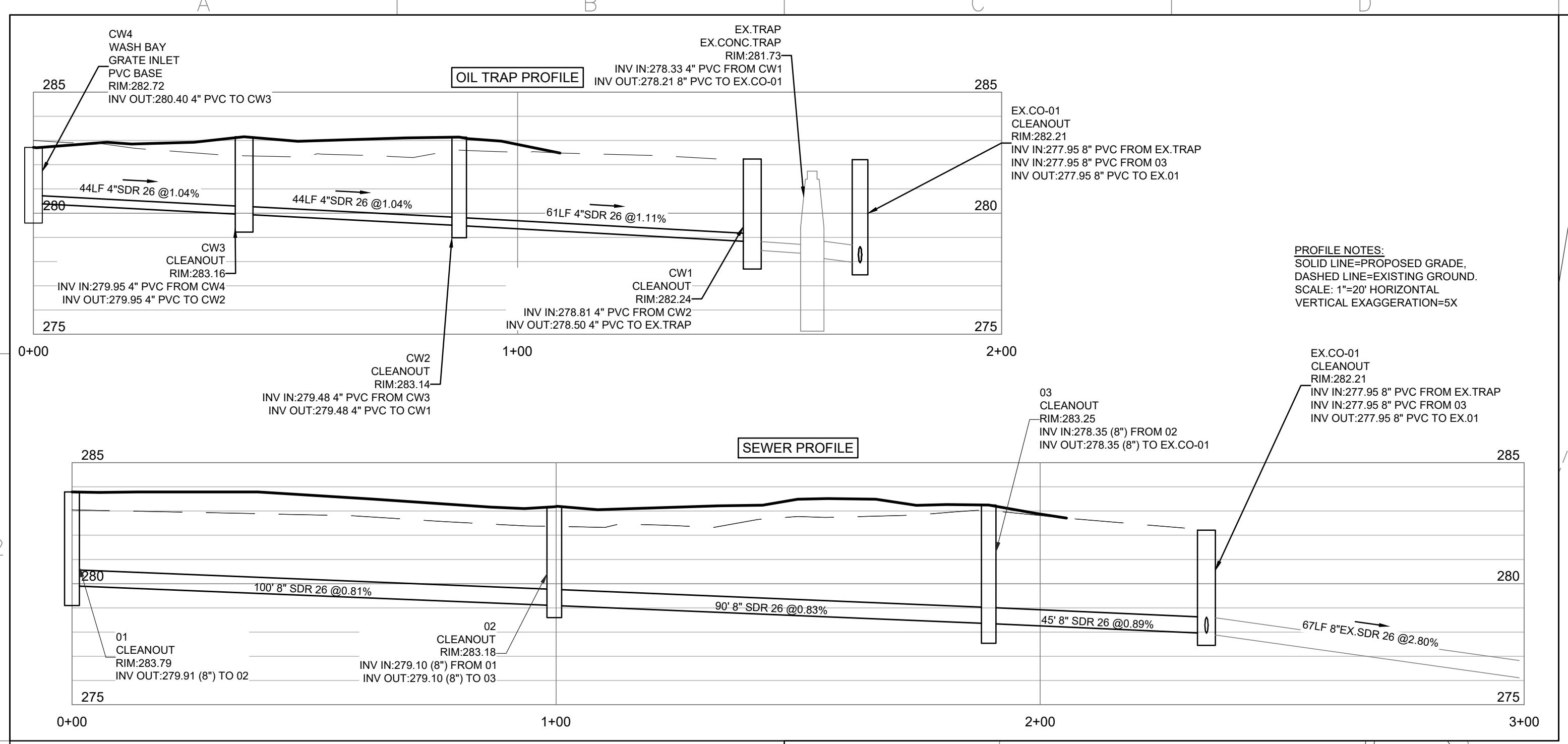
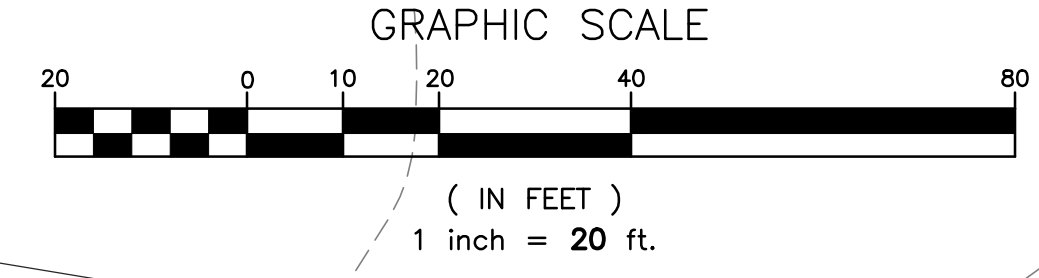
DRAWING ISSUED	No.	1	Date	02-27-2024
	Description	PLANS SUBMITTED FOR REVIEW		
	No.	2	Date	03-12-2024
			PLANS REVISED PER REVIEW COMMENTS	03-12-2024

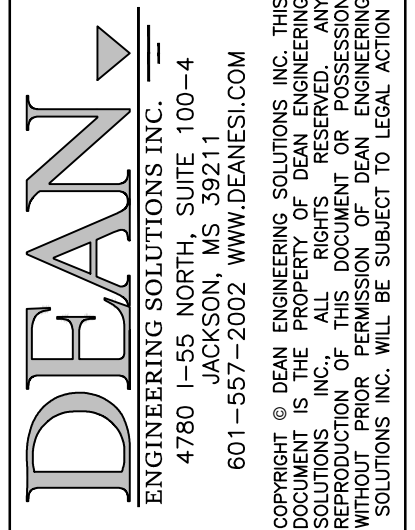
OWNER:
MAC HAIK
AUTUBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE: **UTILITY PLAN**
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
4





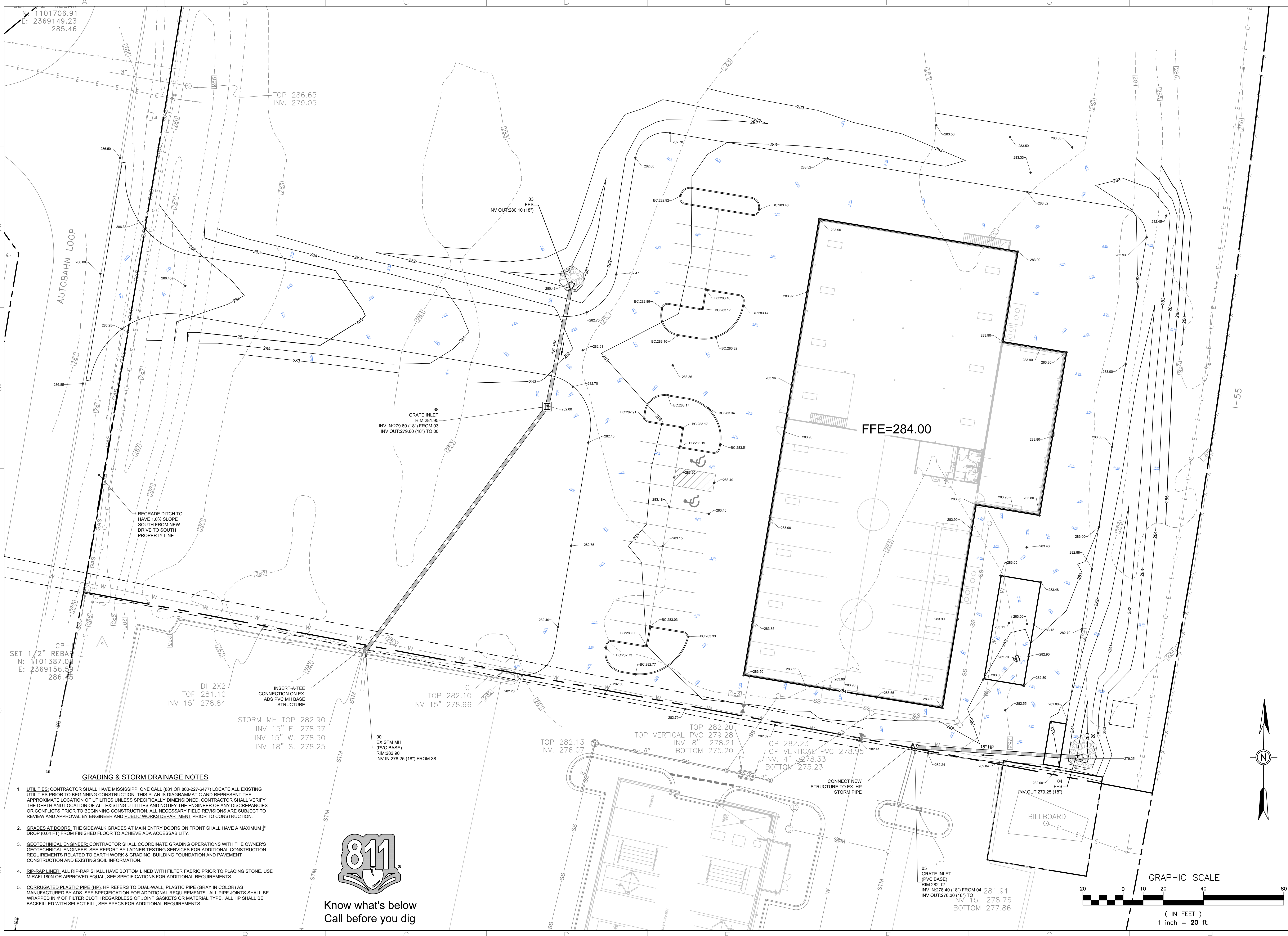
No.	Description	Date
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2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK
AUTBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE:
GRADING PLAN
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
5



CP-
SET 1/2" REBAR
N: 1101706.91
E: 2369149.23
285.46

CP-
SET 1/2" REBAR
N: 1101387.08
E: 2369156.59
286.45

DI 2X2
TOP 281.10
INV 15" 278.84

STORM MH TOP 282.90
INV 15" E. 278.37
INV 15" W. 278.30
INV 18" S. 278.25

00
EX STM MH
(PVC BASE)
RIM 282.90
INV IN 278.25 (18") FROM 38

CI
TOP 282.10
INV 15" 278.96

TOP 282.13
INV. 276.07

TOP 282.20
TOP VERTICAL PVC 279.28
INV. 8" 278.21
BOTTOM 275.20

TOP 282.23
TOP VERTICAL PVC 278.95
INV. 4" 278.33
BOTTOM 275.23

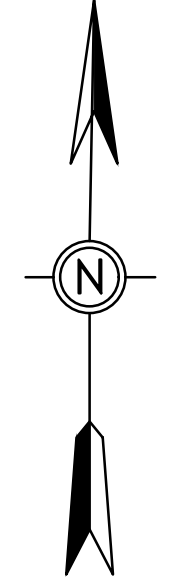
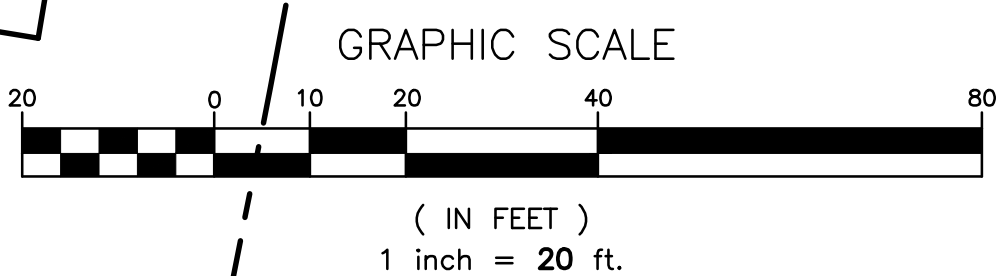
05
GRATE INLET
(PVC BASE)
RIM 282.12
INV IN 278.40 (18") FROM 04 281.91
INV 15 278.76
BOTTOM 277.86

GRADING & STORM DRAINAGE NOTES

- UTILITIES: CONTRACTOR SHALL HAVE MISSISSIPPI ONE CALL (881 OR 800-227-6477) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THIS PLAN IS DIAGRAMMATIC AND REPRESENT THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. 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 AND PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION.
- GRADES AT DOORS: THE SIDEWALK GRADES AT MAIN ENTRY DOORS ON FRONT SHALL HAVE A MAXIMUM 1/4" DROP (0.04 FT) FROM FINISHED FLOOR TO ACHIEVE ADA ACCESSIBILITY.
- GEOTECHNICAL ENGINEER: CONTRACTOR SHALL COORDINATE GRADING OPERATIONS WITH THE OWNER'S GEOTECHNICAL ENGINEER. SEE REPORT BY LADNER TESTING SERVICES FOR ADDITIONAL CONSTRUCTION REQUIREMENTS RELATED TO EARTH WORK & GRADING, BUILDING FOUNDATION AND PAVEMENT CONSTRUCTION AND EXISTING SOIL INFORMATION.
- RIP-RAP LINER: ALL RIP-RAP SHALL HAVE BOTTOM LINED WITH FILTER FABRIC PRIOR TO PLACING STONE. USE MIRAFI 180N OR APPROVED EQUAL. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CORRUGATED PLASTIC PIPE (HP): HP REFERS TO DUAL-WALL, PLASTIC PIPE (GRAY IN COLOR) AS MANUFACTURED BY ADS. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS. ALL PIPE JOINTS SHALL BE WRAPPED IN 4" OF FILTER CLOTH REGARDLESS OF JOINT GASKETS OR MATERIAL TYPE. ALL HP SHALL BE BACKFILLED WITH SELECT FILL. SEE SPECS FOR ADDITIONAL REQUIREMENTS.



Know what's below
Call before you dig





Know what's below
Call before you dig

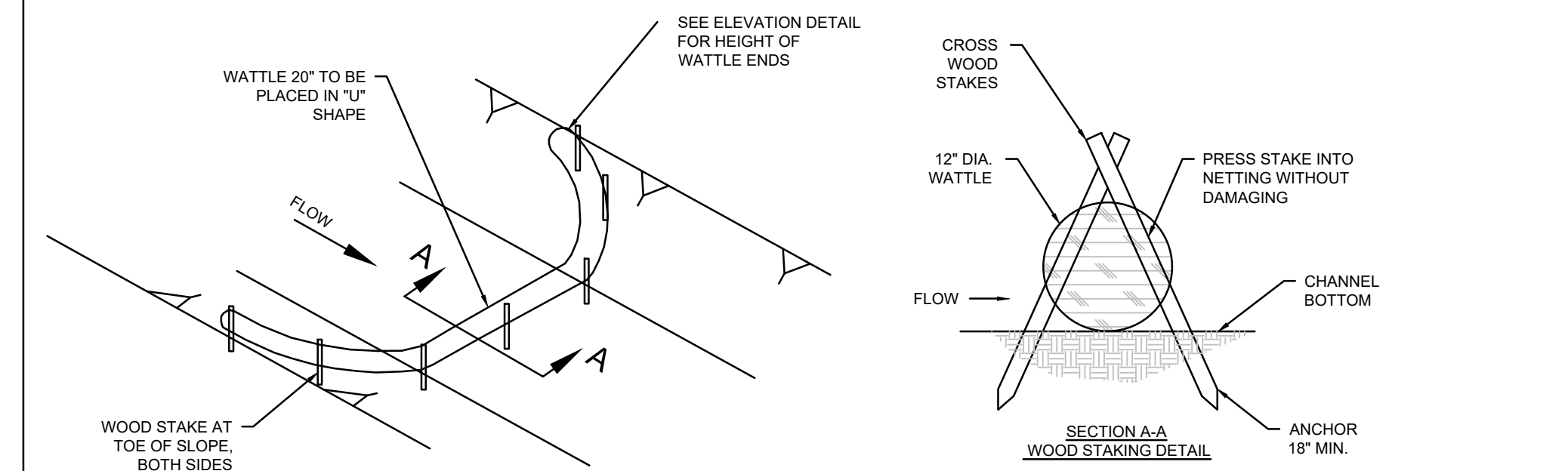


EROSION CONTROL PLAN NOTES

- TOTAL DISTURBED SITE AREA = 3.00 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

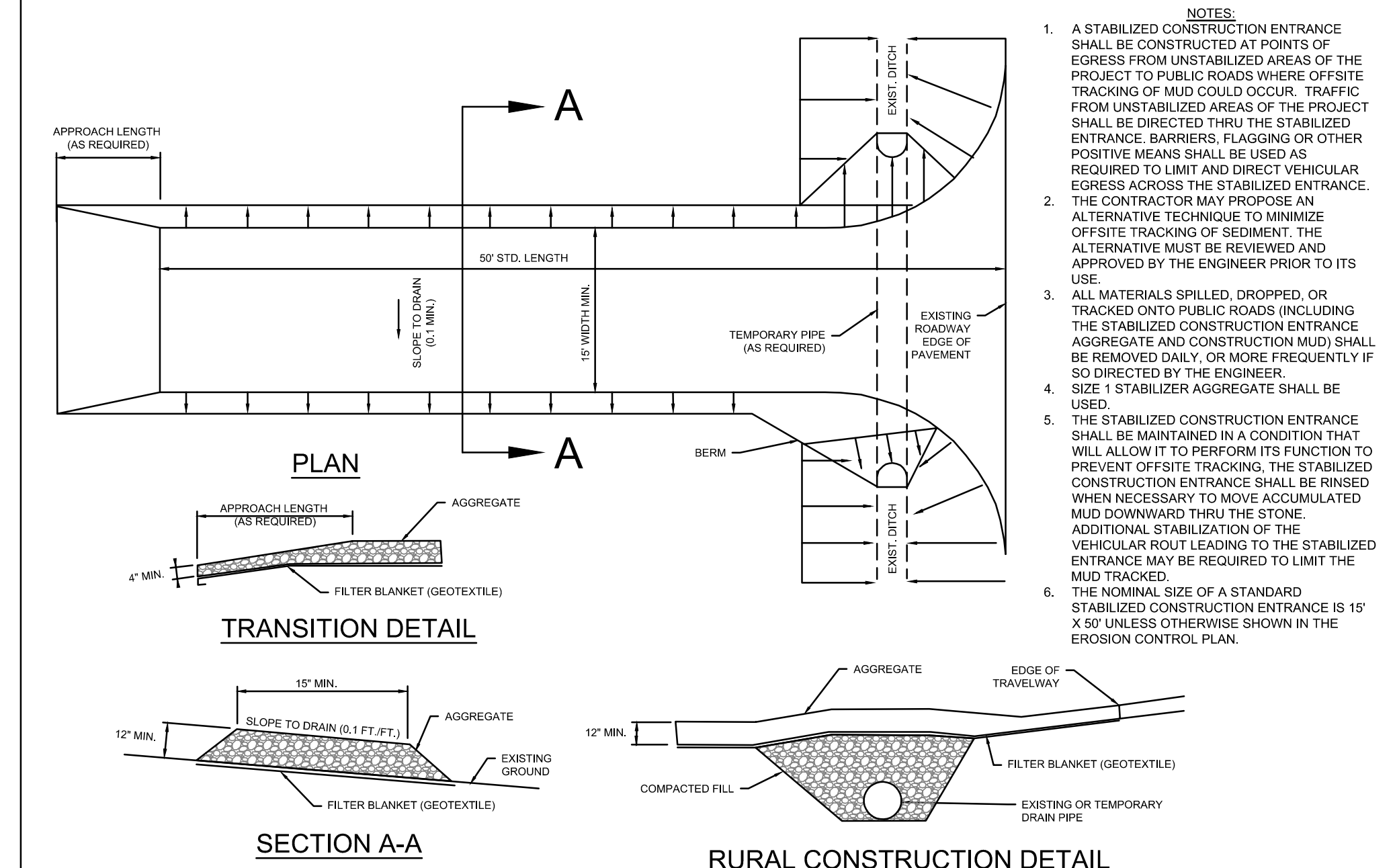
PROPOSED	DESCRIPTION
	SILT FENCE PROTECTION
	LIMITS OF DISTURBANCE
	WATTLE CHECK DAM/INLET PROTECTION



DETAILS OF EROSION CONTROL WATTLE DITCH CHECK (MDOT WORKING NO. ECD-6)

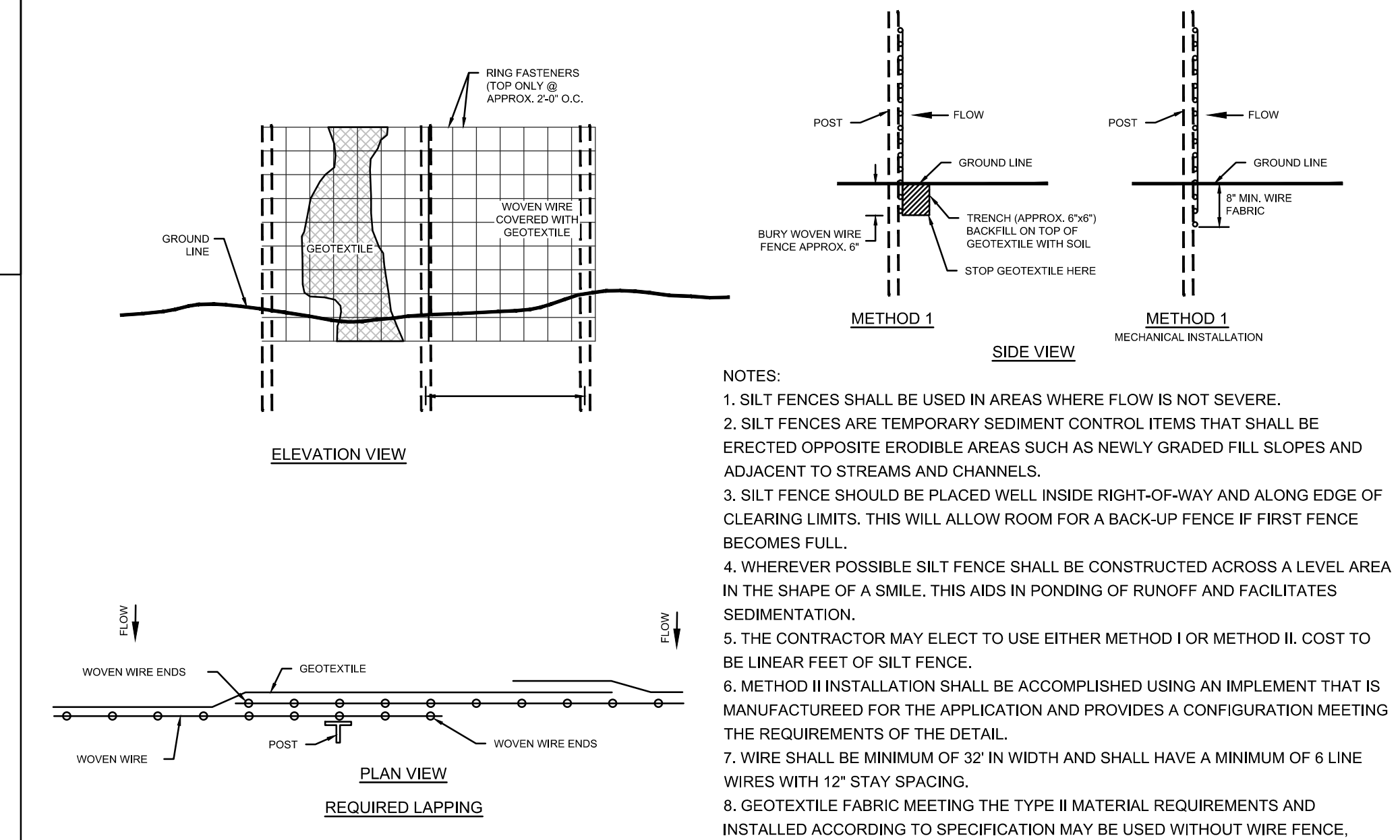
- NOTES:**
- MIN. RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4.
 - ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 - TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
 - WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECK SELECTION GUIDELINES:
WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.



DETAILS OF STABILIZED CONSTRUCTION ENTRANCE (MDOT WORKING NO. ECD-15)

- NOTES:**
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE PROJECT SHALL BE DIRECTED THRU THE STABILIZED ENTRANCE. BARRIERS, FLAGGING OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STABILIZED ENTRANCE.
 - THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ITS USE.
 - ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER. SIZE 1/2" STABILIZER AGGREGATE SHALL BE USED.
 - THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION TO PREVENT OFFSITE TRACKING. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED WHEN NECESSARY TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUT LEADING TO THE STABILIZED ENTRANCE MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
 - THE NOMINAL SIZE OF A STANDARD STABILIZED CONSTRUCTION ENTRANCE IS 15' X 50' UNLESS OTHERWISE SHOWN IN THE EROSION CONTROL PLAN.



DETAILS OF SILT FENCE INSTALLATION (MDOT WORKING NO. ECD-3)

- NOTES:**
- SILT FENCES SHALL BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
 - SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERRECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 - SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
 - WHEREVER POSSIBLE SILT FENCE SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
 - THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
 - METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 - WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 - GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.

Section 9, Item B)

DEAN ENGINEERING SOLUTIONS, INC.
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JACKSON, MS 39211
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REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
20957

03-12-2024

No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

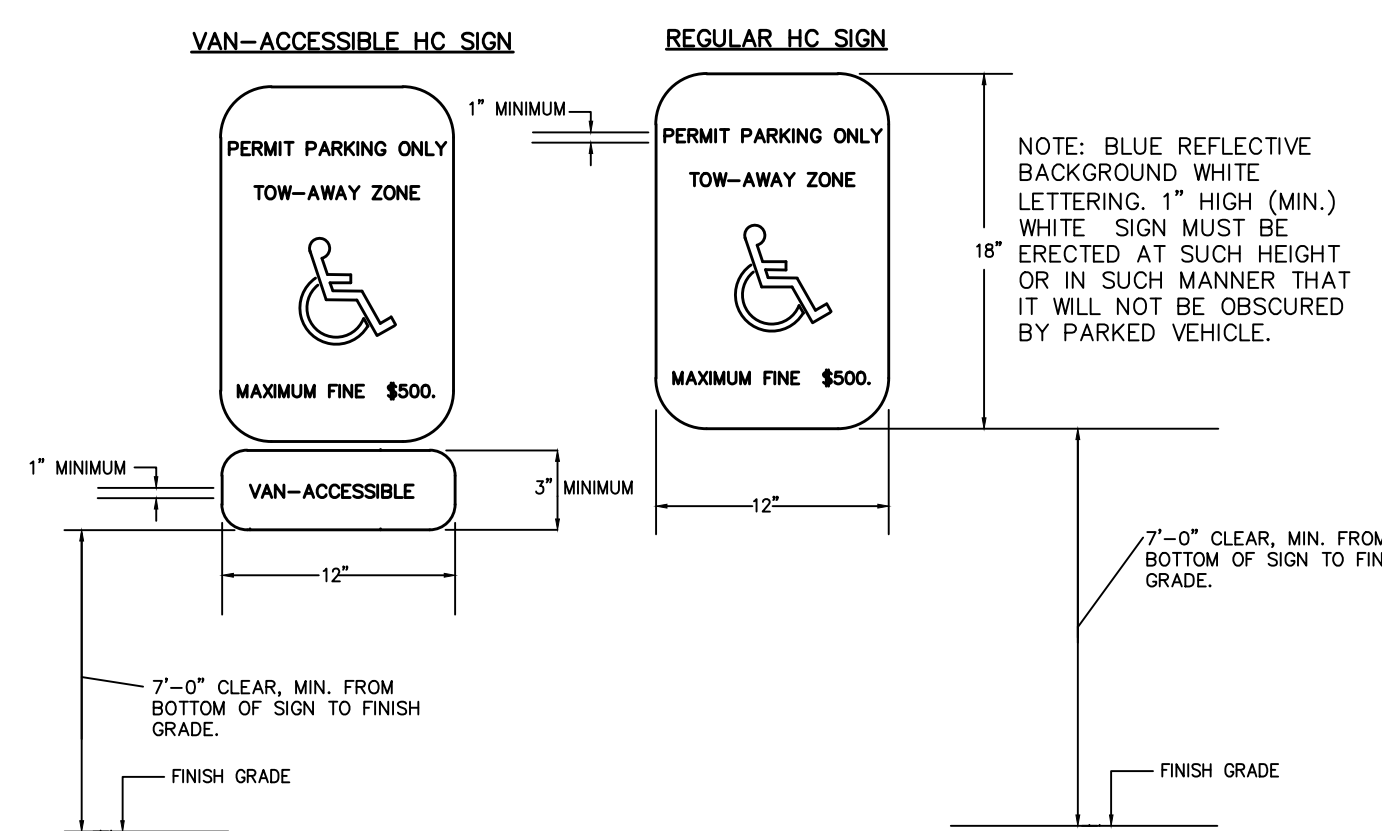
DRAWING ISSUED

OWNER: **MAC HAIK**
AUTOBahn LOOP
GLUCKSTADT, MS 39110

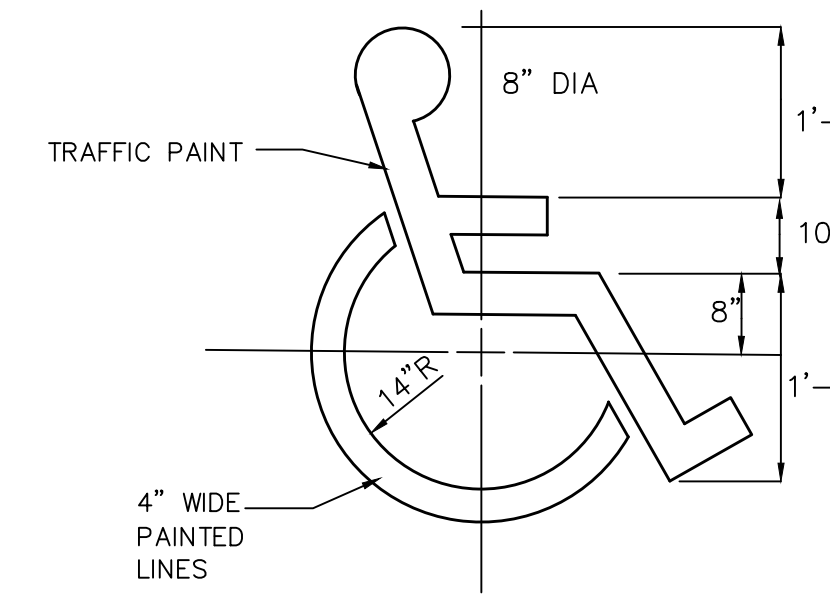
PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE: **EROSION CONTROL PLAN (SWPPP)**
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

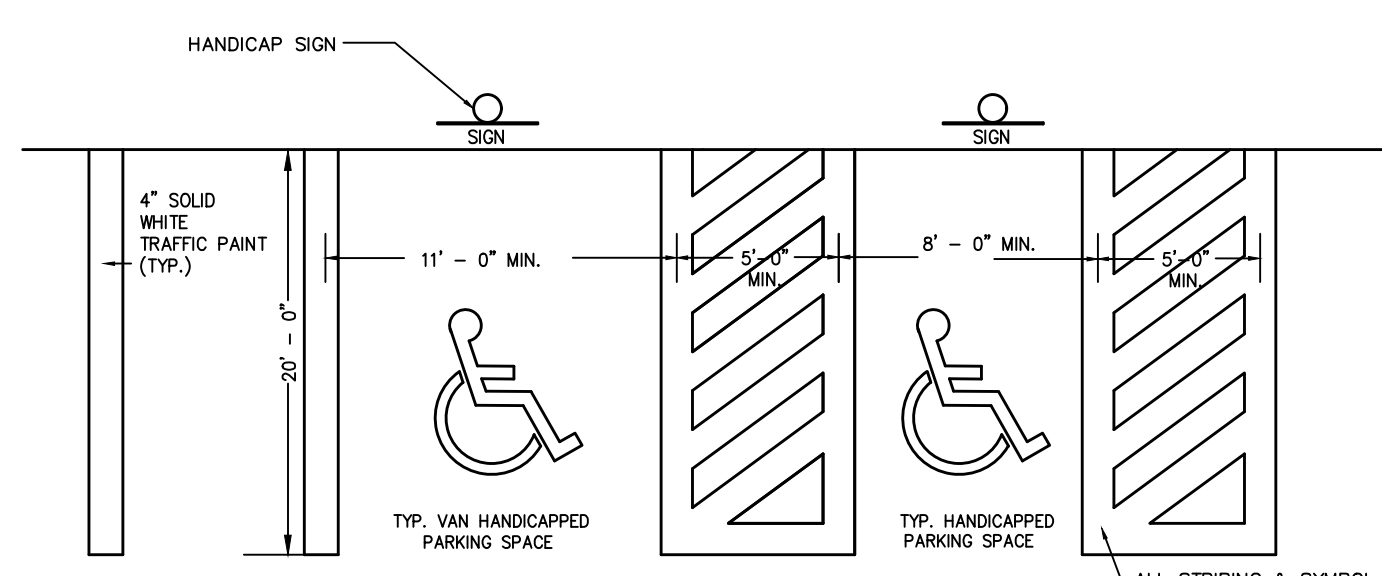
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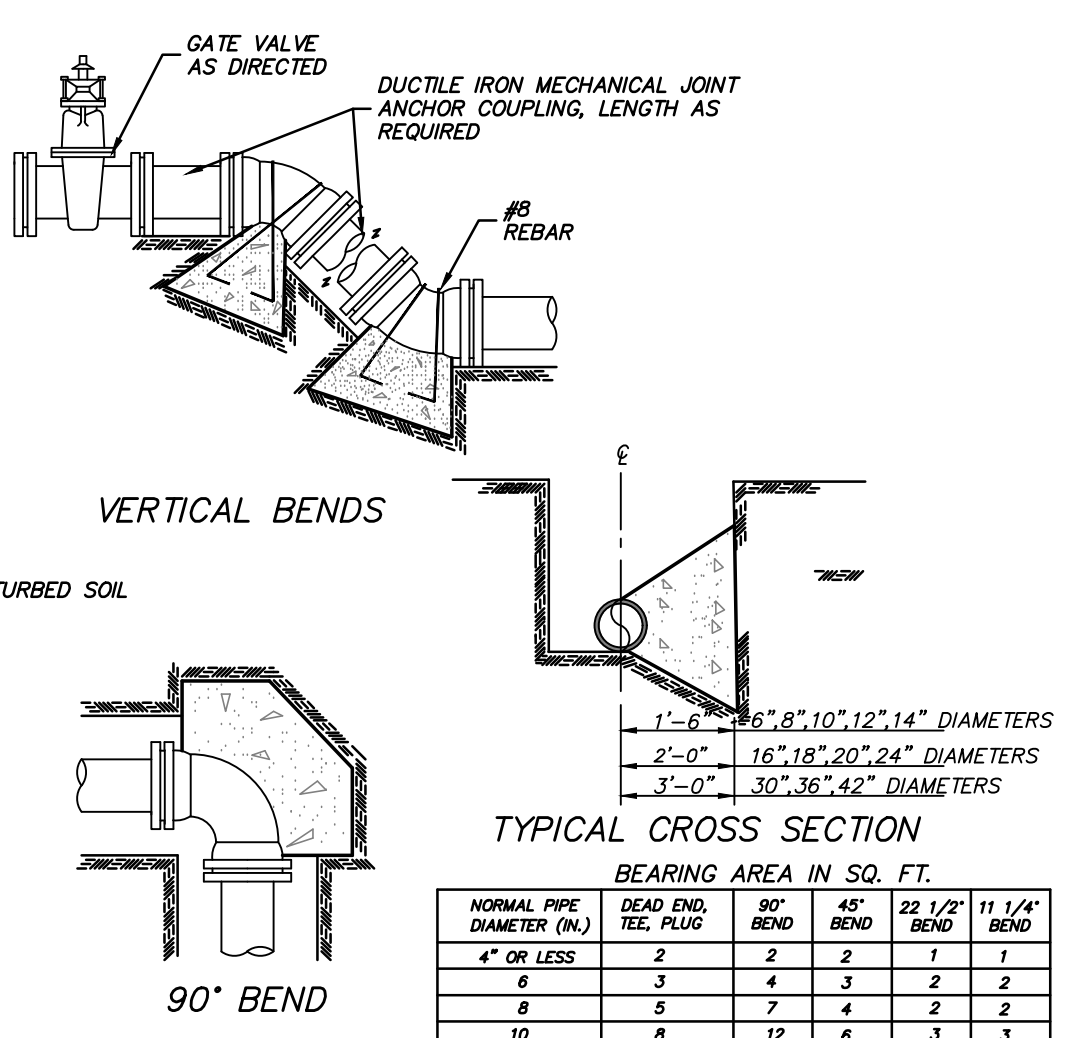
HANDICAP SIGN DETAILS
N.T.S.



PAINTED HANDICAPPED SYMBOL
N.T.S.



HANDICAPPED PAVEMENT STRIPING
N.T.S.



TYPICAL CROSS SECTION

BEARING AREA IN SQ. FT.

NORMAL PIPE DIAMETER (IN.)	DEAD END, TEE, PLUG	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4" OR LESS	2	2	2	1	1
6	3	4	3	2	2
8	5	7	4	2	2
10	8	12	6	3	3
12	12	16	9	5	3
14	14	18	11	6	4
16	18	20	12	7	6

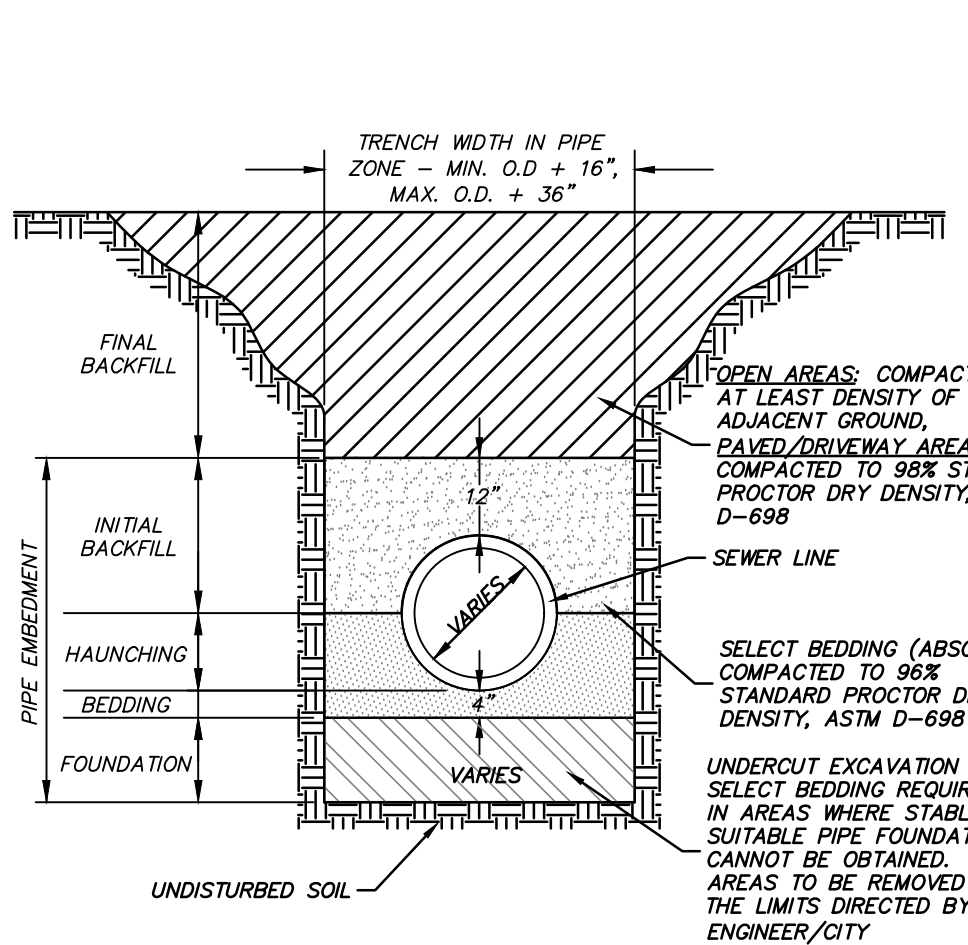
VERTICAL BENDS

4" OR LESS	6	8	10	12	14	16
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—

VOLUME OF BLOCKS INCLUDING SOIL LOAD CU. FT. (CU. YDS.)

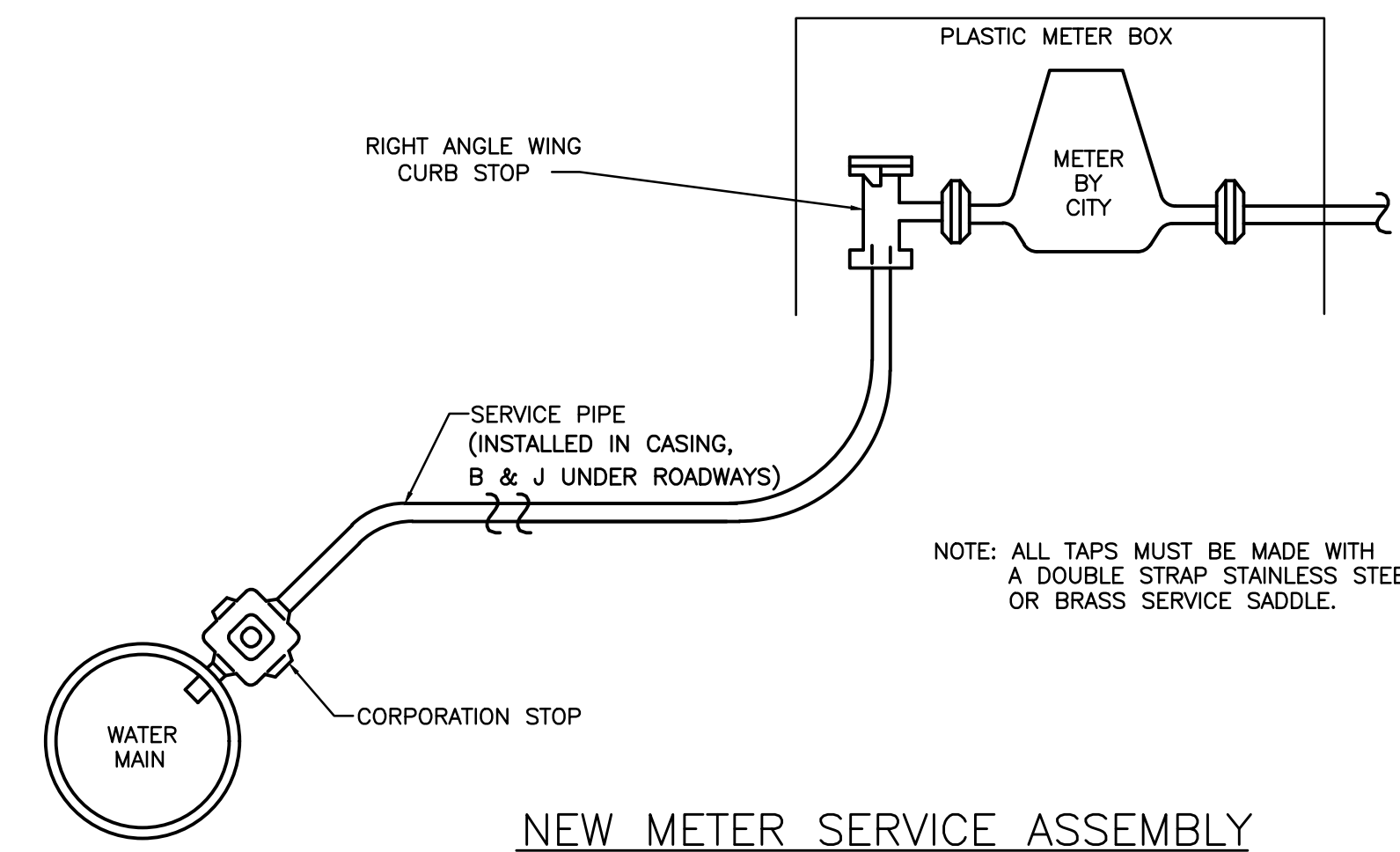
TYPICAL THRUST BLOCK

- THRUST BLOCK NOTES:
- ON BENDS AND TEES, EXTEND THRUST BLOCKS FULL LENGTH.
 - PLACE BOARD IN FRONT OF ALL PLUGS BEFORE POURING THRUST BLOCKS.
 - POUR THRUST BLOCKS AGAINST UNDISTURBED SOIL. WHERE TRENCH WALL HAS BEEN DISTURBED, EXCAVATE LOOSE SOIL AND EXTEND THRUST BLOCKS TO UNDISTURBED SOIL.
 - IN BACK FILLING, ANY MUCK ENCOUNTERED SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIAL.
 - WRAP ALL FITTINGS WITH 8-MIL POLYETHYLENE ENCASEMENT.
 - BACK FILL MATERIAL SHALL NOT INCLUDE ROCK OR BOULDERS.
 - ALL CONCRETE SHALL BE MINIMUM 2500 PSI.
 - THRUST BLOCKS SHALL BE AN ABSORBED COST.
 - MEGA LUG RESTRAINTS OR APPROVED EQUAL REQUIRED ON ALL MECHANICAL JOINT FITTINGS.
 - CONTRACTOR SHALL PROVIDE JOINT RESTRAINTS AS REQUIRED PER PROJECT SPECIFICATIONS.



TYPICAL TRENCH FOR WATER & SEWER LINES

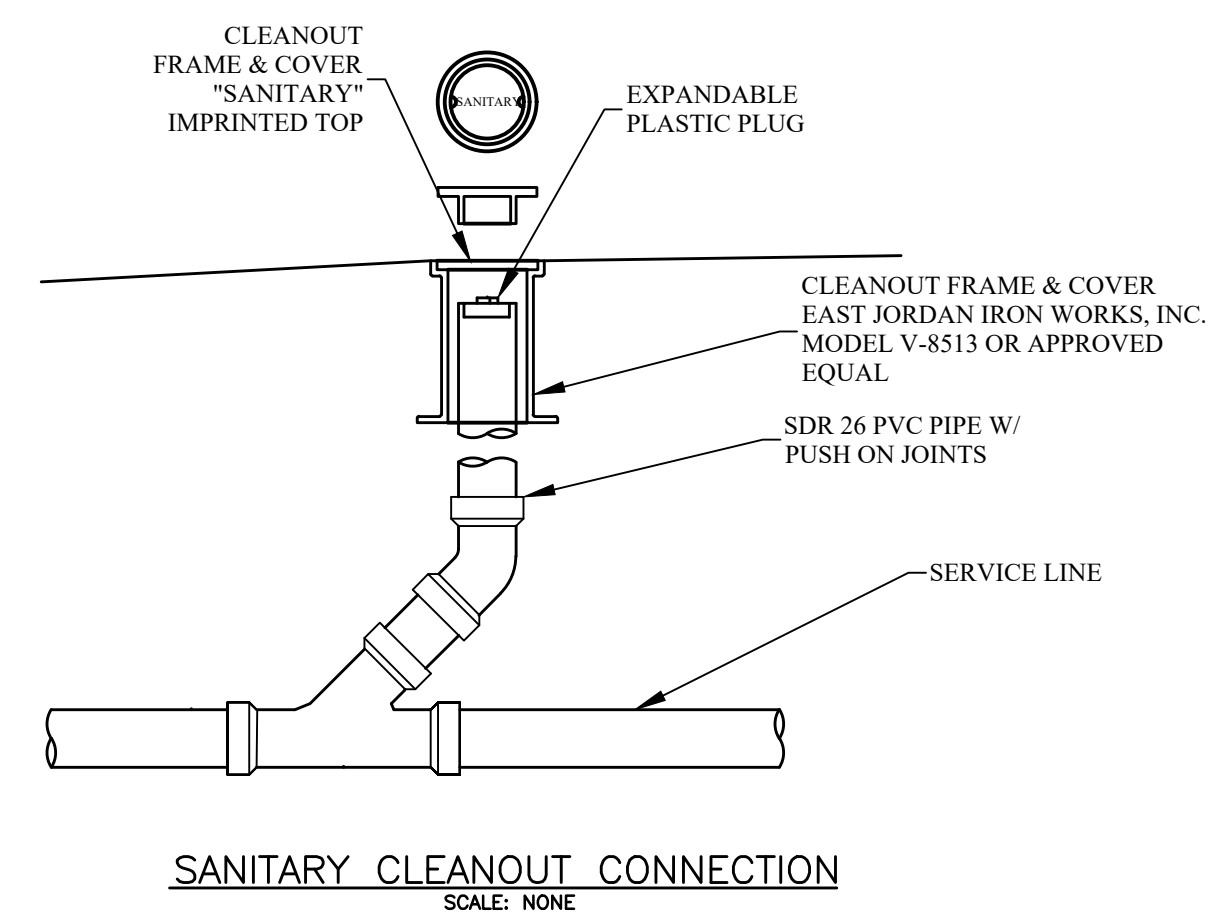
NOTE: DETAIL DRAWINGS ARE NOT TO SCALE UNLESS OTHERWISE NOTED ON SPECIFIC DETAIL.



NEW METER SERVICE ASSEMBLY

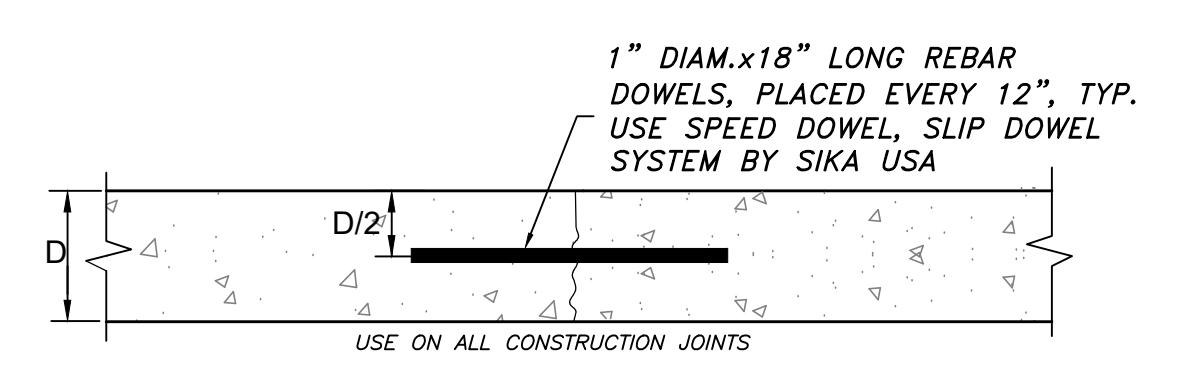
SCALE: NONE

- TYPICAL TRENCH NOTES:
- UNDERCUT EXCAVATION SHALL BE REQUIRED AS DIRECTED BY ENGINEER IF MATERIAL AT PLANNED GRADE WILL NOT PROVIDE STABLE TRENCH BOTTOM FOR PIPE LAYING. IT SHALL BE PAID FOR AS "UNDERCUT EXCAVATION" AND SPOILED AS DIRECTED BY ENGINEER OR REQUIRED IN CONTRACT DOCUMENTS.
 - FOUNDATION MATERIAL SHALL BE PAID FOR UNDER PAY ITEM "SELECT BEDDING MATERIAL."
 - BEDDING & HAUNCHING MATERIAL SHALL BE AN ABSORBED COST PER FOOT OF PIPE. QUANTITIES FOR BEDDING MATERIAL (IF PROVIDED) ARE INTENDED TO BE USED FOR FOUNDATION MATERIAL.
 - INITIAL BACKFILL SHALL BE AN ABSORBED COST.
 - IF CONTRACTOR PROPOSES TO USE NATIVE MATERIAL FOR PIPE EMBEDEDMENT AND/OR FINAL BACKFILL, CONTRACTOR SHALL PROVIDE TEST RESULTS TO ENGINEER STATING WHETHER NATIVE MATERIAL MEETS PROJECT SPECIFICATIONS FOR USE AS PIPE EMBEDEDMENT MATERIAL OR FINAL BACKFILL. IF NATIVE MATERIAL MEETS REQUIREMENTS FOR SUCH THEN IT SHALL BE USED BY CONTRACTOR FOR THIS PURPOSE AND SHALL BE AN ABSORBED COST PER FOOT OF PIPE AND SHALL BE EITHER:
 - NATIVE MATERIAL IN OPEN AREAS UNLESS OTHERWISE DIRECTED BY THE ENGINEER, OR
 - SELECT MATERIAL IN TRENCHES CONSTRUCTED UNDER OR WITHIN 5' OF ROADWAYS, CURBED OR PAVED AREAS. MATERIAL SHALL EXTEND 5' BEYOND THE EDGE OF PAVING STRUCTURE(S).
 - TRENCH SETTLEMENT REPAIR (INCLUDING RE-GRASSING IS THE CONTRACTOR'S RESPONSIBILITY DURING WARRANTY PERIOD.
 - DOWATERING OF ANY TRENCH FOR ANY REASON IS THE RESPONSIBILITY OF THE CONTRACTOR AT NO EXTRA COST TO THE OWNER.

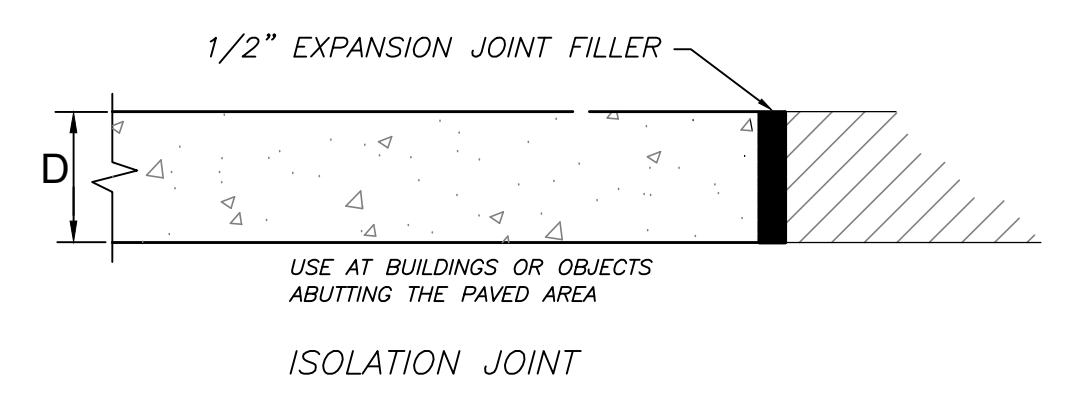


SANITARY CLEANOUT CONNECTION

SCALE: NONE



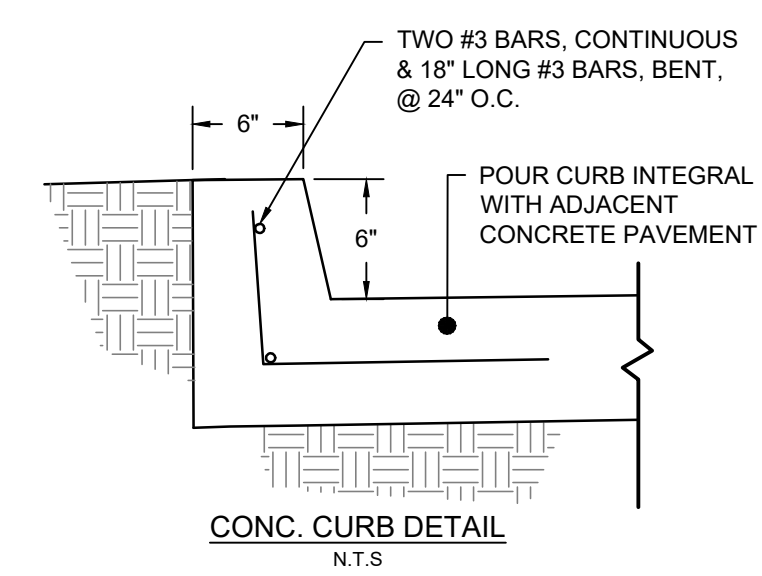
JOINT REINFORCEMENT @ CONSTRUCTION/CONTRACTION JOINTS



ISOLATION JOINT

CONCRETE PAVING JOINT DETAILS

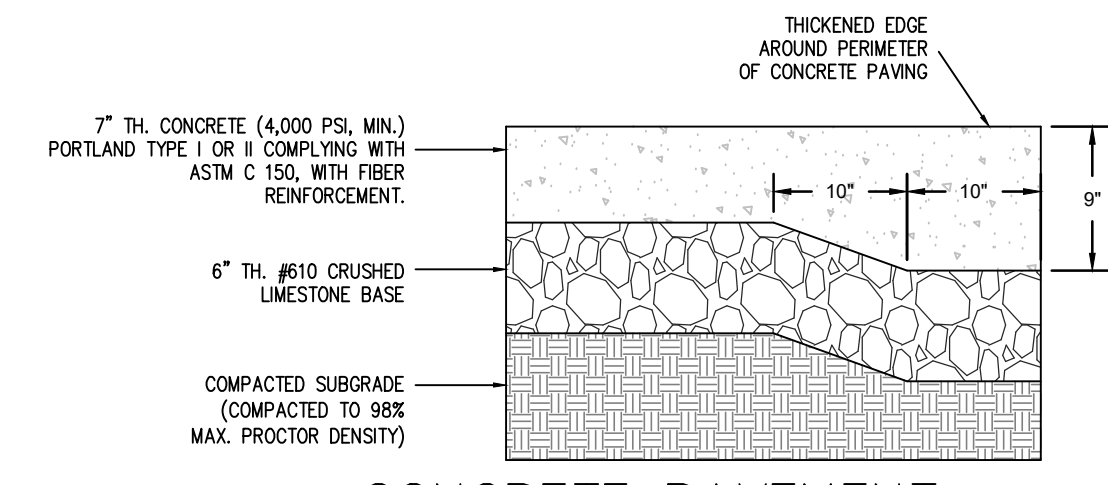
N.T.S.



CONC. CURB DETAIL

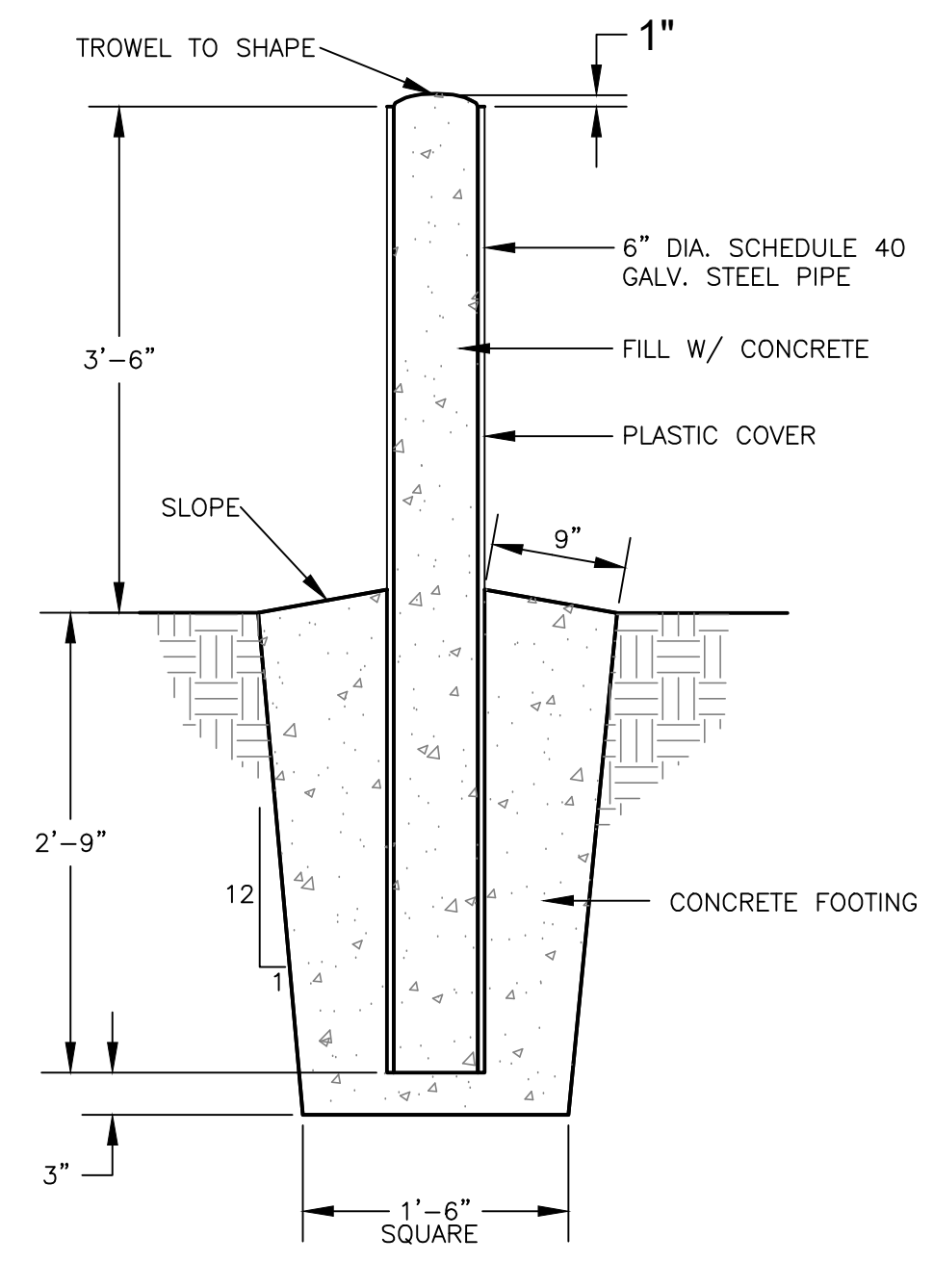
NEW CONCRETE TO EXISTING CONCRETE DETAIL

N.T.S.



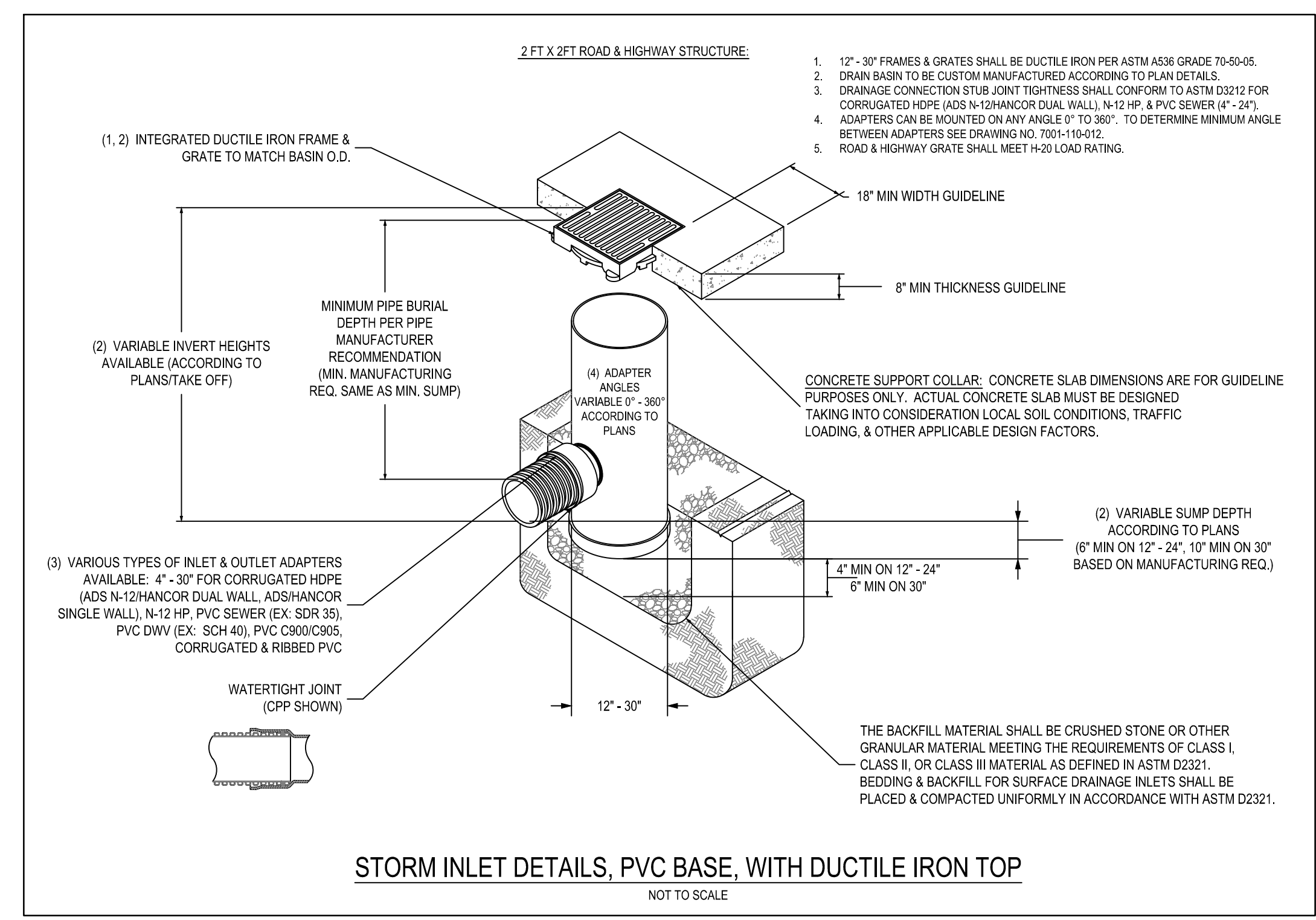
CONCRETE PAVEMENT

N.T.S.



BOLLARD DETAIL

N.T.S.



STORM INLET DETAILS, PVC BASE, WITH DUCTILE IRON TOP

NOT TO SCALE

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 601-557-2002 WWW.DEANESI.COM

REGISTERED PROFESSIONAL ENGINEER
 STATE OF MISSISSIPPI
 20557

03-12-2024

DRAWING ISSUED

No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK
 ALTBAHN LOOP
 GLUCKSTADT, MS 39110

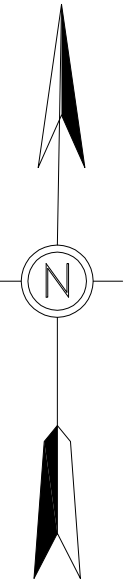
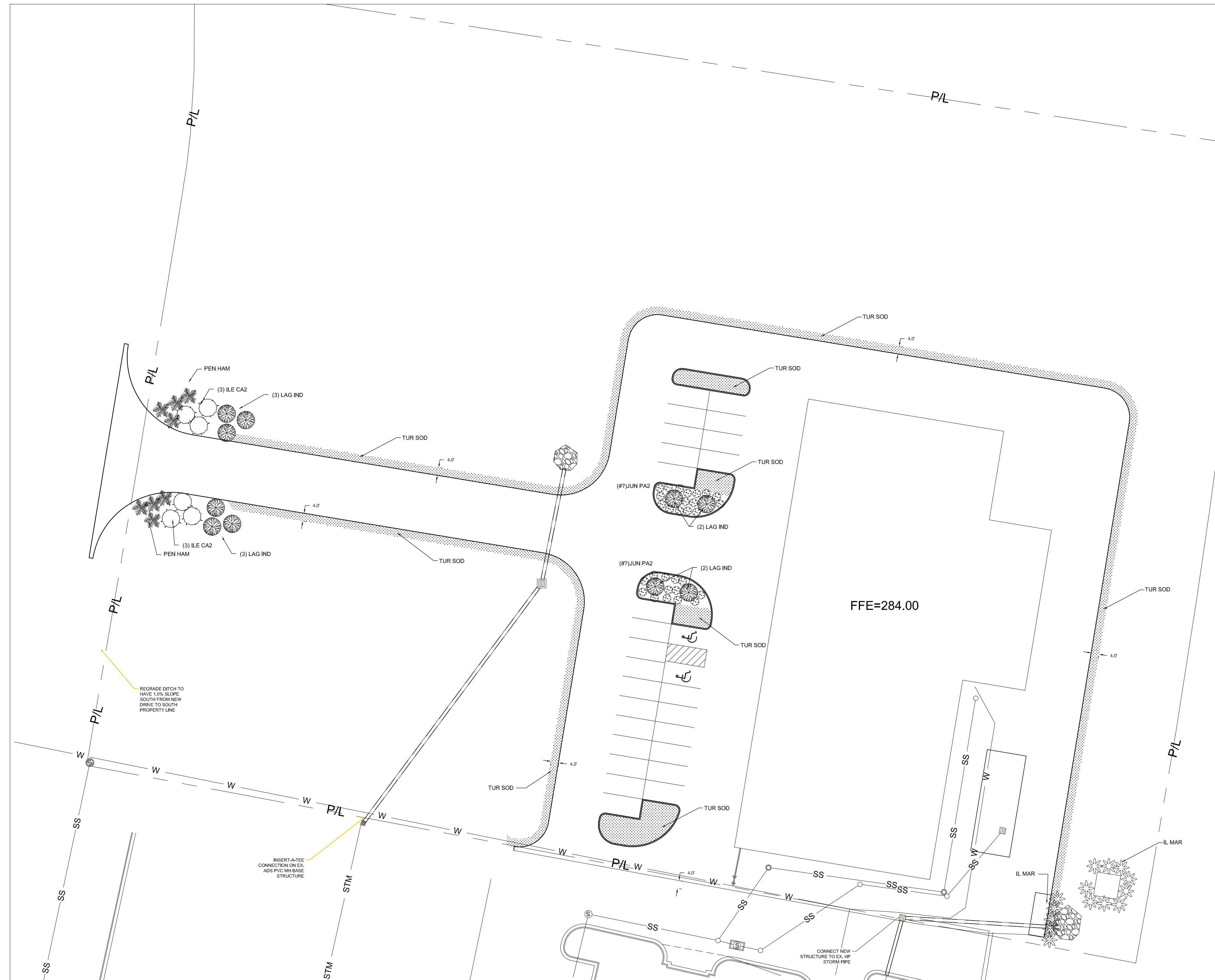
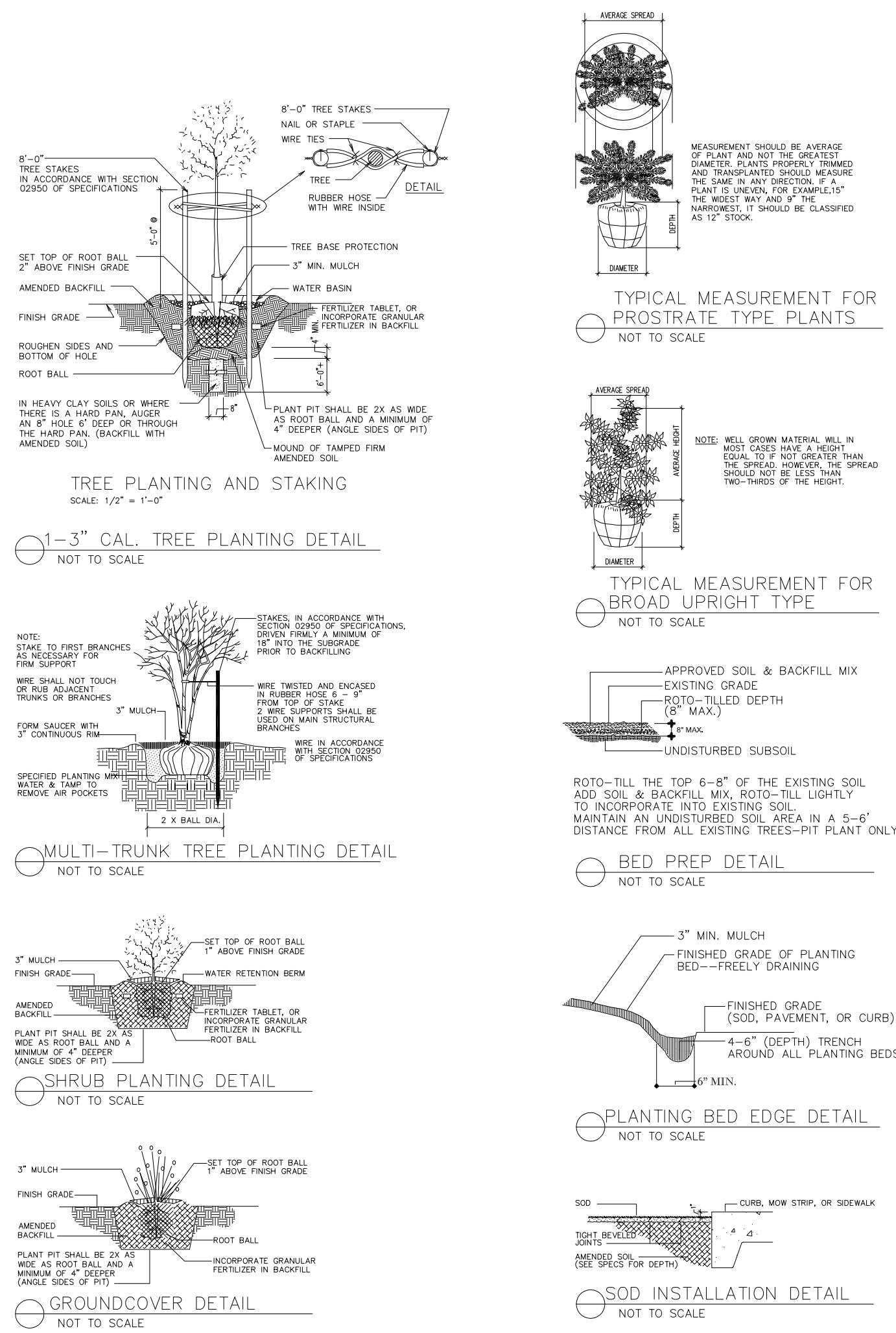
PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**

SHEET TITLE:
DETAILS
 SITE DEVELOPMENT

JOB NO.: 240201
 DATE: 05 FEB 2024
 SCALE: AS SHOWN
 DRAWN BY: WSD
 REVIEWED BY: WSD

SHEET NUMBER:
7

DODGE CHRYSLER PLANT SCHEDULE			
TREE	CODE	QTY.	COMMON NAME
	ILE CA2	6	CARRISSA HOLLY
	LAG IND	10	NATCHEZ WHITE CREPE MYRTLE
	PEN HAM	8	HAMELIN DWARF FOUNTAIN GRASS
	JUN PA2	?	PARSONS JUNIPER
	IL MAR	14	NEEDLEPOINT HOLLY
	TUR SOD	4,500 SQ.FT.	TIFWAY 419 BERMUDA
	CYN DAC	DISTURBED AREA	HYBRID BERMUDA GRASS SEED



SITE CONTEXT



PEOPLES CONSTRUCTION
DESIGN - BUILD GENERAL CONTRACTORS
3913 Underwood Drive || Flowood, MS 39232
Office: 601-932-1111 || Fax: 601-932-1112
www.peoplesconstruction.com

Project Title

NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date 3/1/2024
Drawn By AGR
Checked By Checker

Sheet Number

G1

Professional Seal

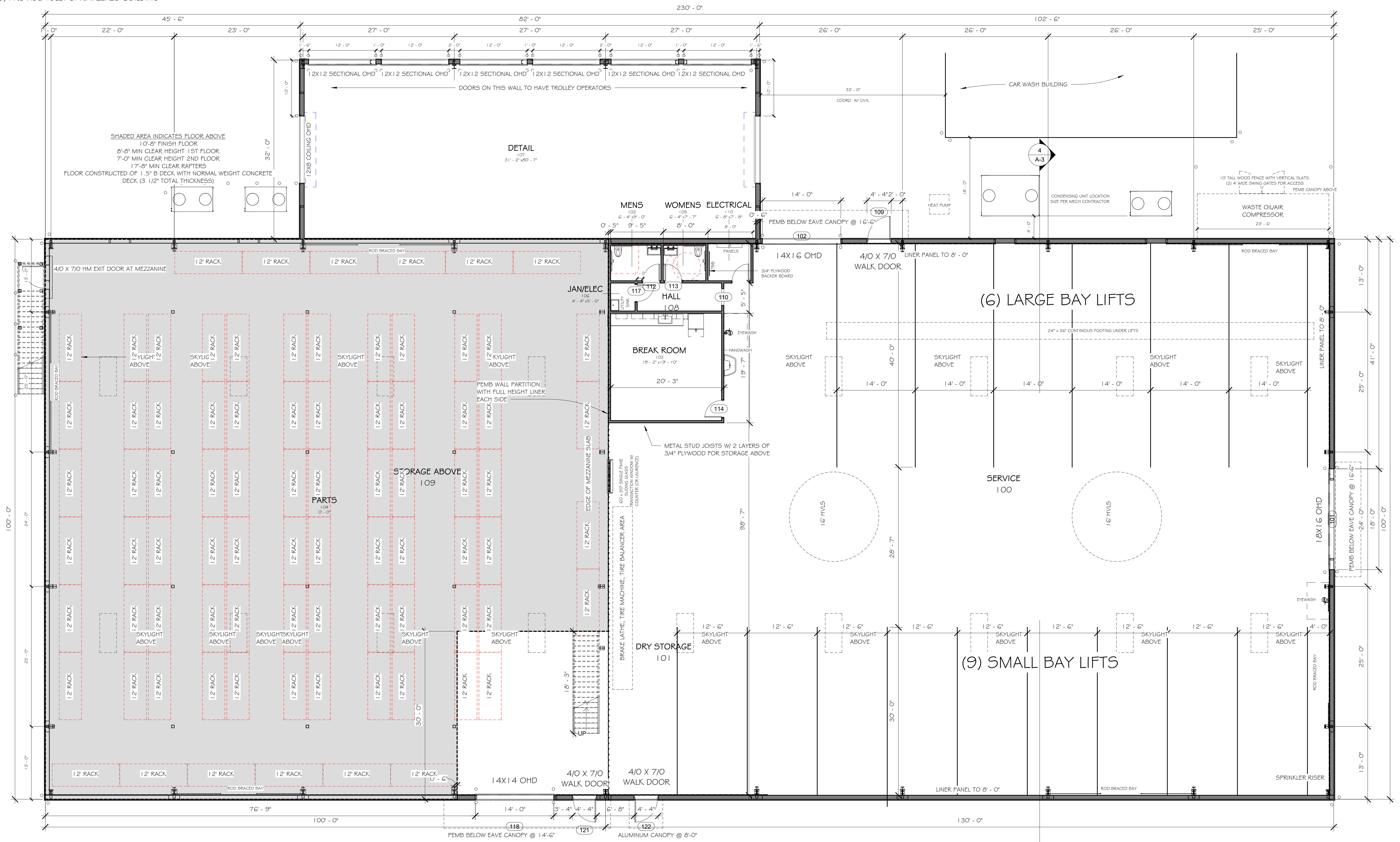
100% SALES DRAWINGS

ARCHITECTURAL NOTES

- 1) PROVIDE 6" WHITE VINYL BACK ROOF INSULATION & 4" WHITE VINYL BACK WALL INSULATION
- 2) PROVIDE FIBERGLASS ROOF SKYLIGHTS
- 3) PROVIDE FULLY SPRINKLERED BUILDING

BUILDING CALCULATIONS

OVERALL SQUARE FOOTAGE - 25,744 SF
 TOTAL BUILDING HEIGHT - 24'-1"



1 FLOOR PLAN
 1/8" = 1'-0"

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NEW SERVICE BUILDING FOR MAC HAIK

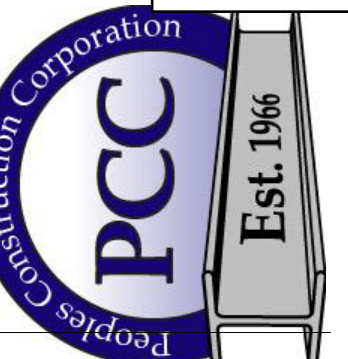
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 Checked By: Checker
 Sheet Number:

A-1

Professional Seal

100% SALES DRAWINGS

GLUCKSTADT, MS



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3/1/2024

Drawn By

AGR

Checked By

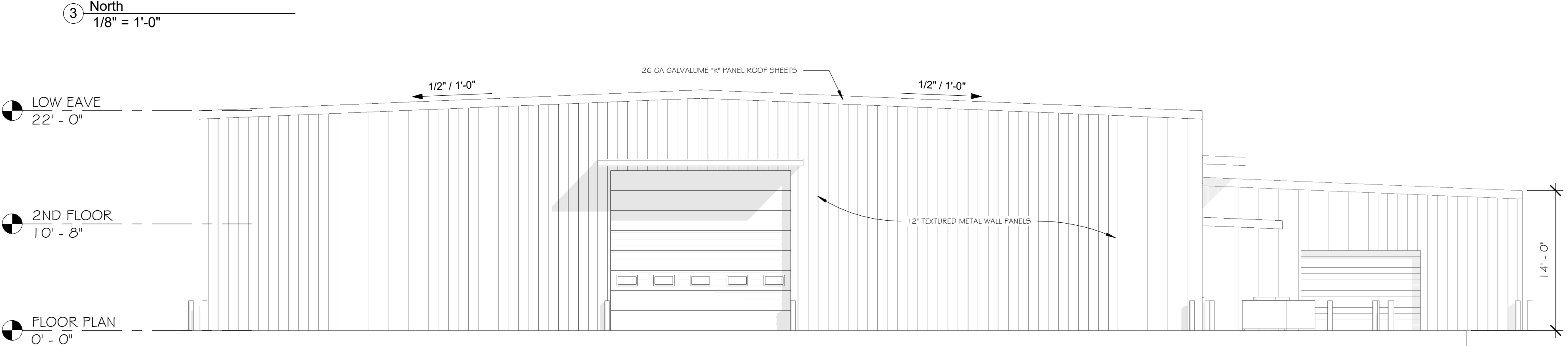
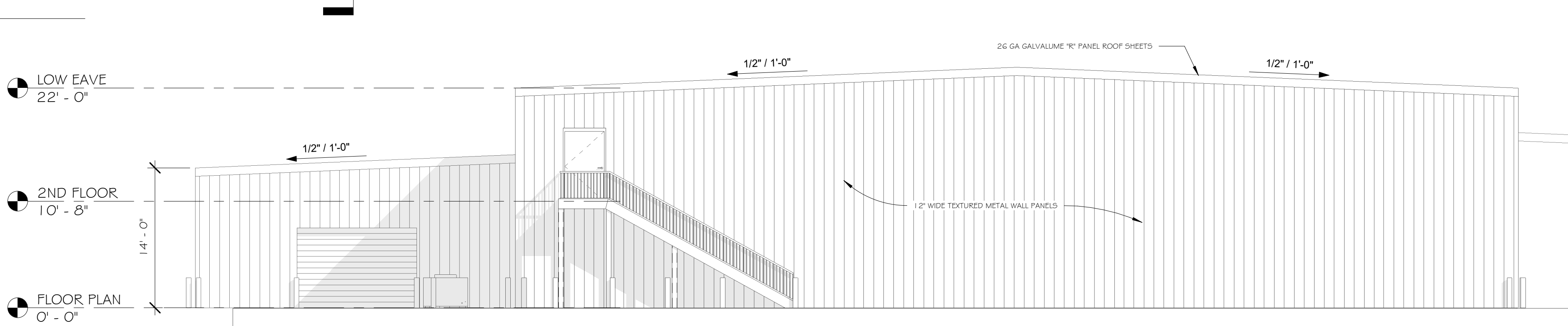
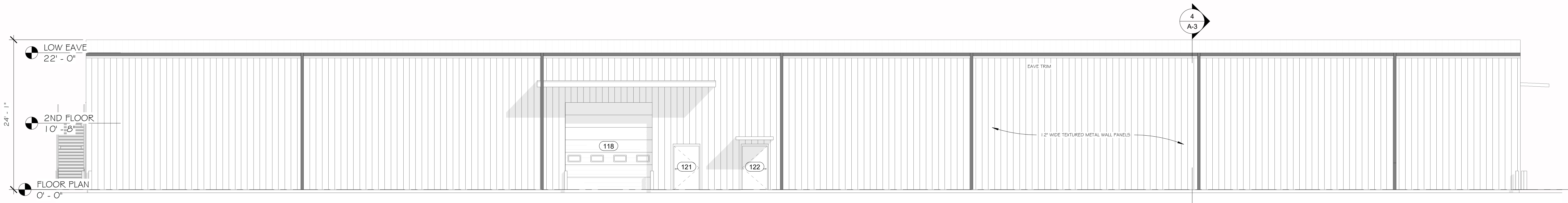
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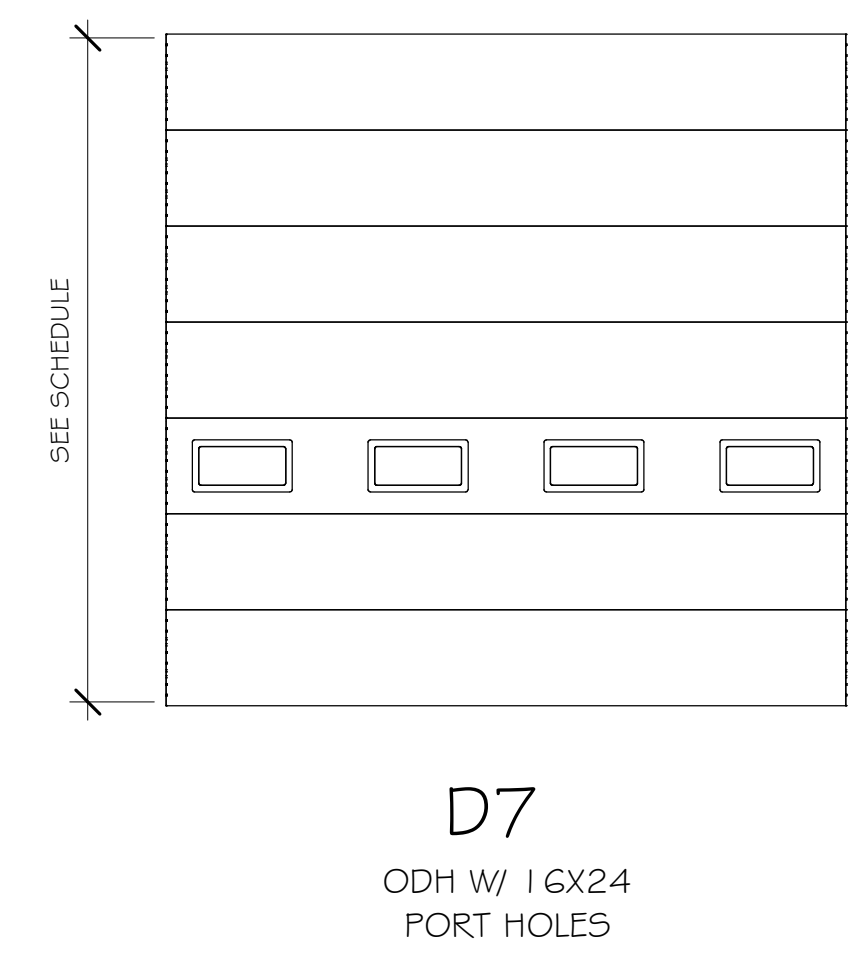
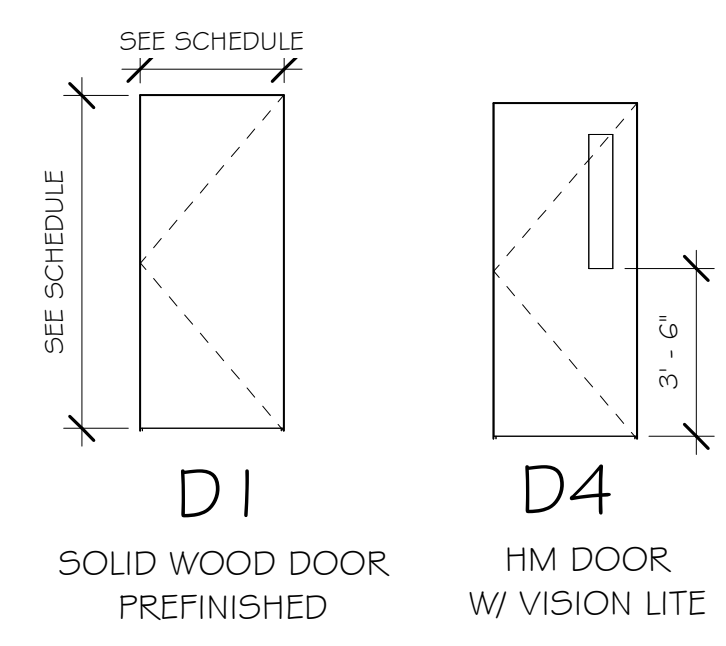
A-2

Professional Seal

100% SALES DRAWINGS



④ South
1/8" = 1'-0"



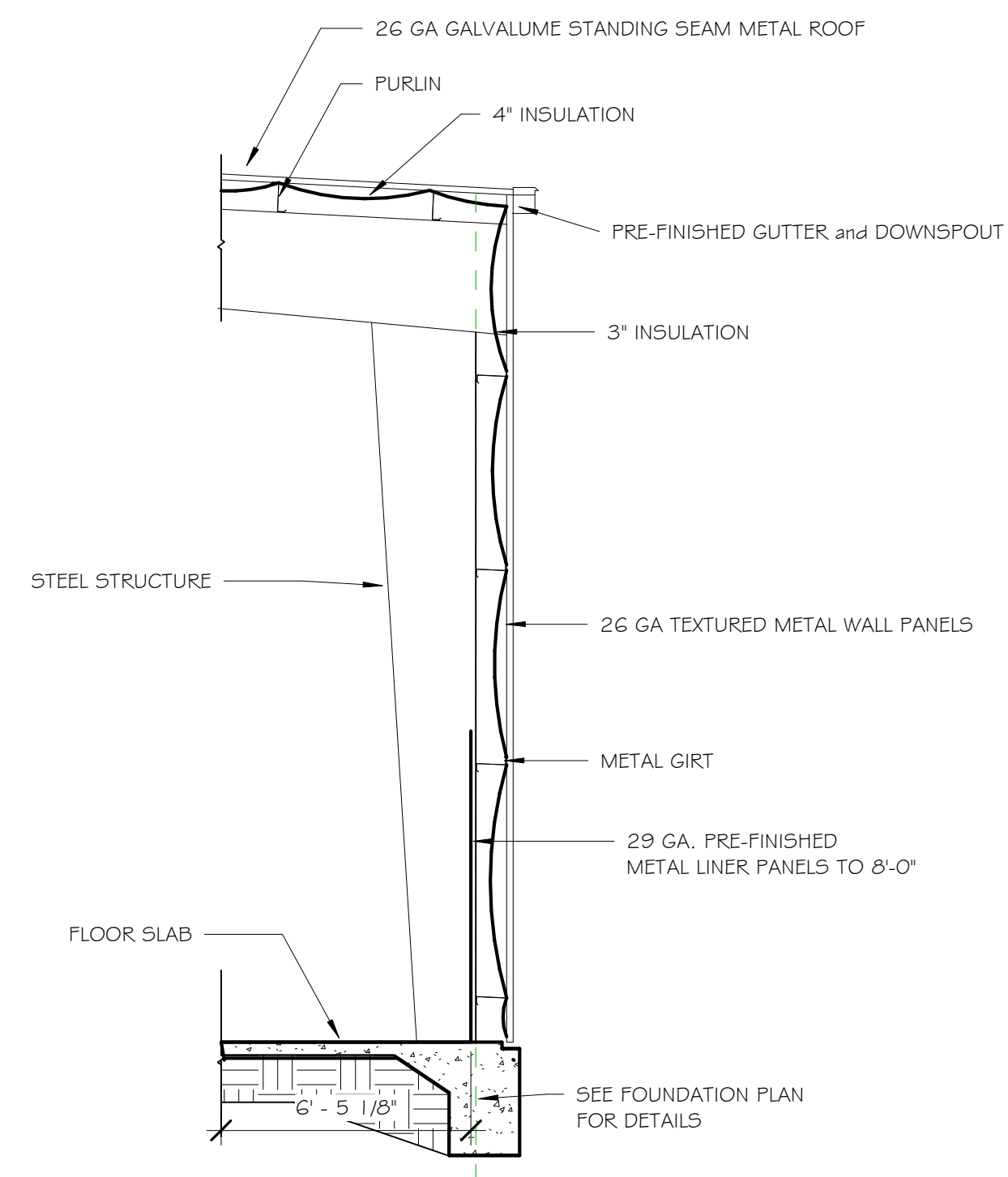
RUBBER BASE (RB)
 MFG - ROPPE OR EQUAL
 COLOR - STANDARD COLORS

ACOUSTICAL CEILING TILE (ACT-1)
 MFG - ARMSTRONG OR EQUAL
 MODEL - 1728
 COLOR - SQUARE EDGE 24" X 24",
 WHITE, 1 15/16" GRID, WHITE

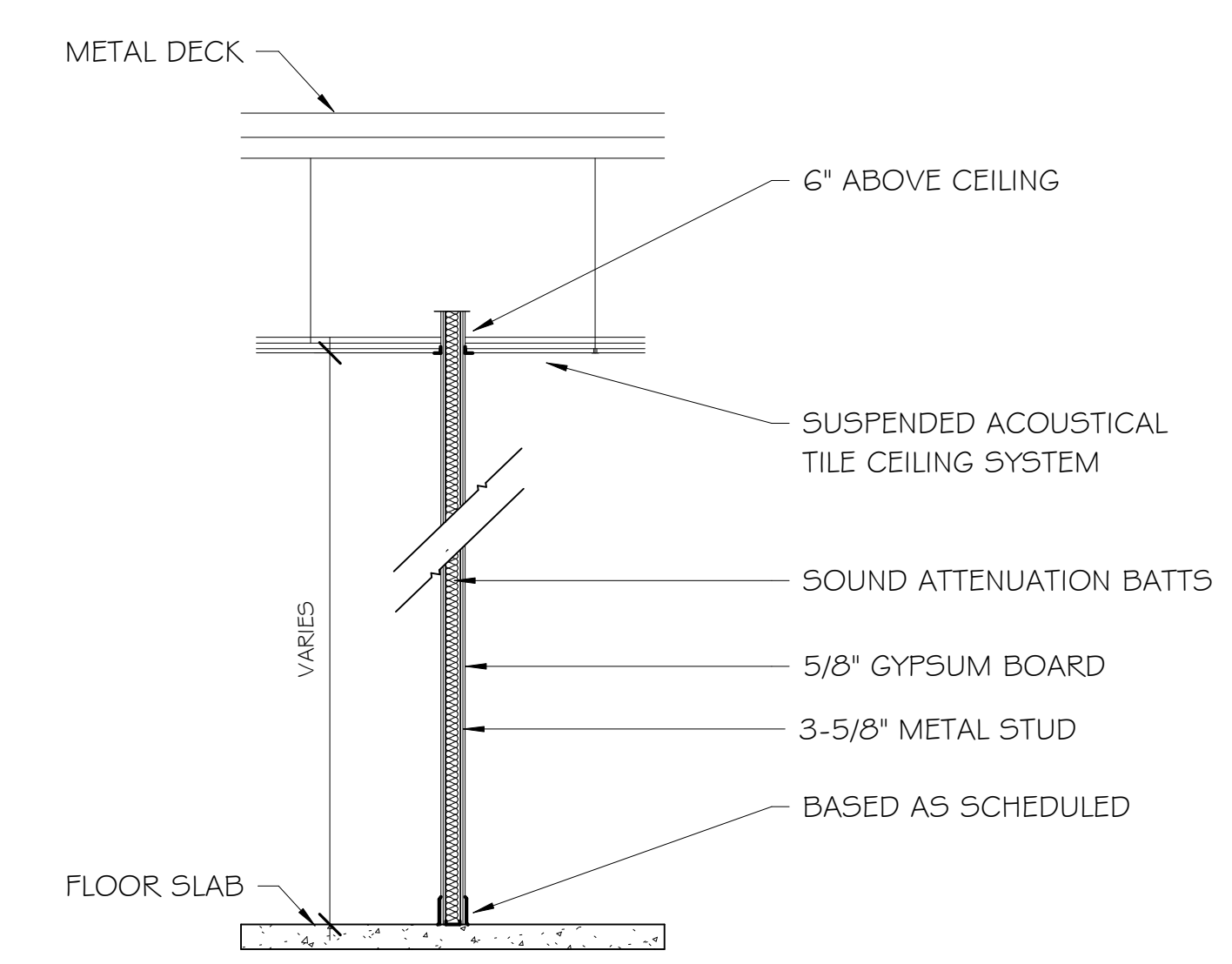
VINYL COMPOSITE PLANK (VCP)
 MFG - PRICE MID RANGE
 SIZE - 9" X 96"
 COLOR - TBD

SEALED CONCRETE (SC)

1 FINISH LEGEND
 1/4" = 1'-0"



2 Typical Warehouse Exterior Wall
 1/4" = 1'-0"

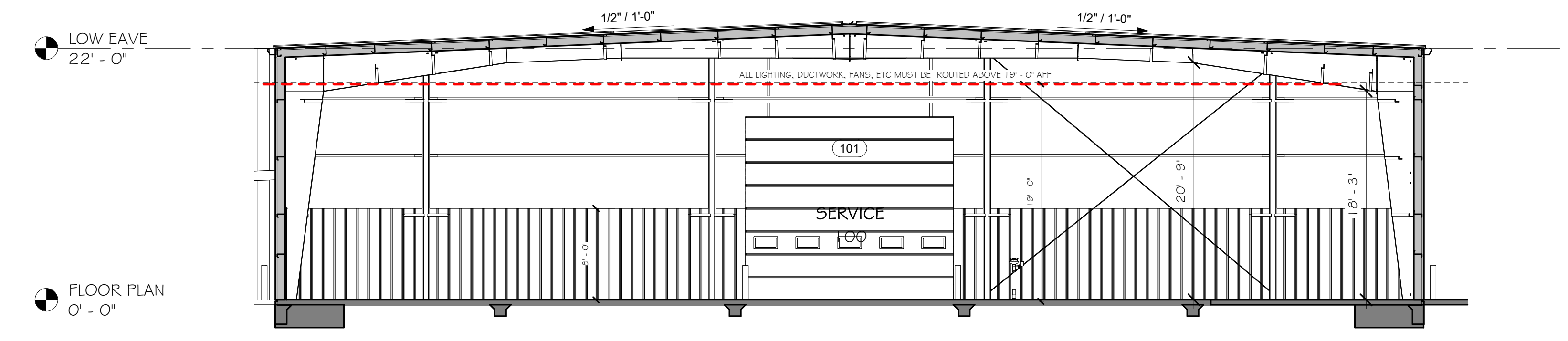
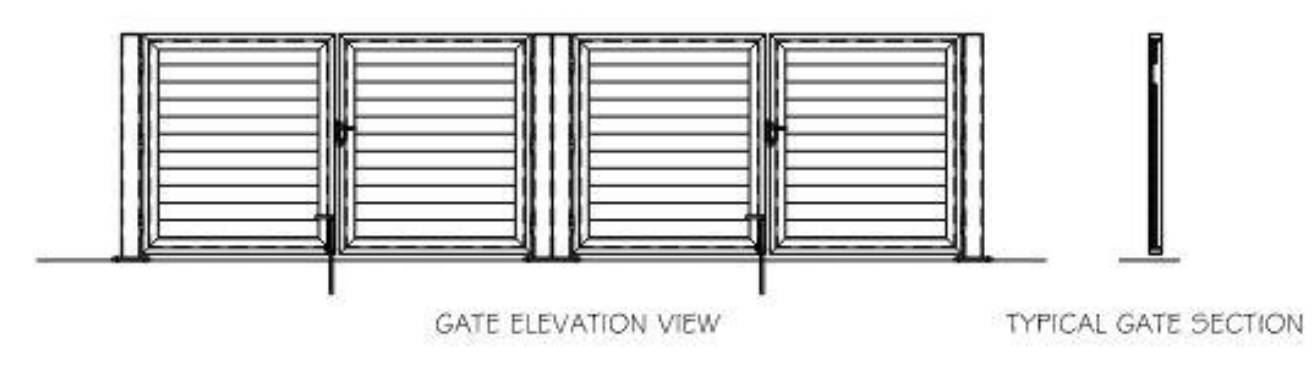
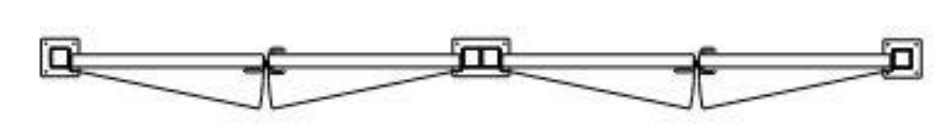
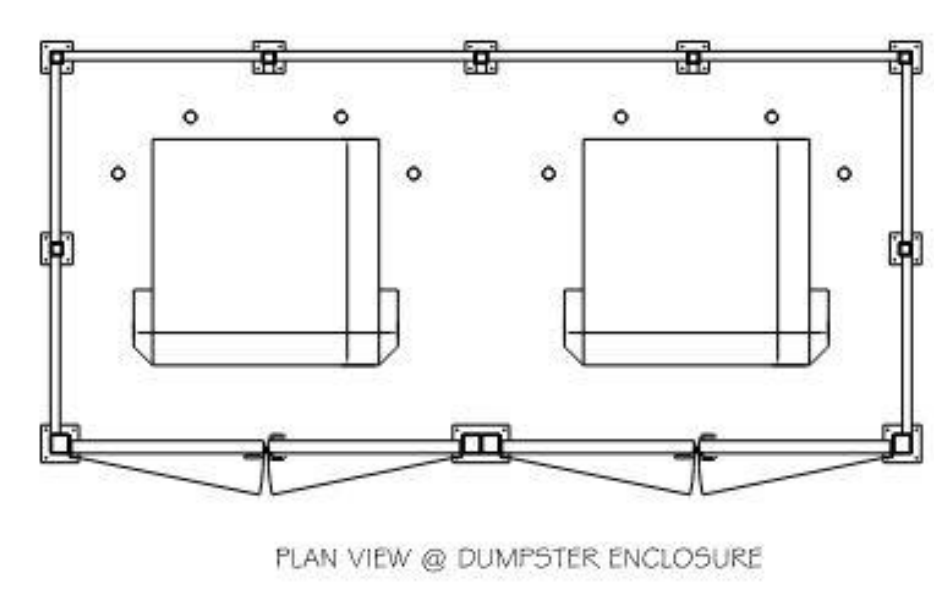


3 TYPICAL INTERIOR WALL PARTITION
 1/4" = 1'-0"

DOOR TYPE SCHEDULE
 1/4" = 1'-0"

DOOR SCHEDULE							
Mark	Width	Height	DOOR TYPE	Thickness	Frame Type	Finish	Comments
101	18' - 0"	16' - 0"	D7	2"	STEEL	PAINT	
102	14' - 0"	16' - 0"	D7	2"	STEEL	PAINT	
109	4' - 0"	7' - 0"		1 3/4"			
110	0' - 0"	0' - 0"					
112	3' - 0"	7' - 0"		1 3/4"			
113	3' - 0"	7' - 0"		1 3/4"			
114	3' - 0"	7' - 0"		1 3/4"			
117	3' - 0"	7' - 0"		1 3/4"			
118	14' - 0"	14' - 0"		2"			
121	4' - 0"	7' - 0"		1 3/4"			
122	4' - 0"	7' - 0"		1 3/4"			
123	12' - 0"	10' - 0"		2"			
124	12' - 0"	10' - 0"		2"			
132	12' - 0"	10' - 0"		2"			
133	12' - 0"	10' - 0"		2"			
134	12' - 0"	10' - 0"		2"			
135	12' - 0"	10' - 0"		2"			
136	14' - 0"	14' - 0"	D7	2"	STEEL	PAINT	
137	10' - 0"	10' - 0"		2"			
138	10' - 0"	10' - 0"		2"			
139	12' - 0"	8' - 0"		3"			
140	12' - 0"	8' - 0"		3"			
141	4' - 0"	7' - 0"		1 3/4"			
142	3' - 0"	7' - 0"		1 3/4"			

FINISH SCHEDULE							
ROOM NUMBER	ROOM NAME	FLOOR FINISH	WALL FINISH	BASE FINISH	CEILING FINISH	CEILING HEIGHT	COMMENTS
100	SERVICE	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
101	DRY STORAGE	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
102	MENS	VCP	PAINT	VCT	ACT	9' - 0"	
103	BREAK ROOM	VCP	PAINT	VCT	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
104	PARTS	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
105	WOMENS	VCP	PAINT	VCT	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
106	JAN/ELEC	VCP	PAINT	VCT	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
107	DETAIL	SC	LINER PANEL	NONE	EXPOSED	9' - 0"	
108	HALL	SC	PAINT	RB	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
109	STORAGE ABOVE	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
110	ELECTRICAL	SC	PAINT	RB	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS



4 BUILDING SECTION
 1/8" = 1'-0"

Project Title

NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date

3/1/2024

Drawn By

AGR

Checked By

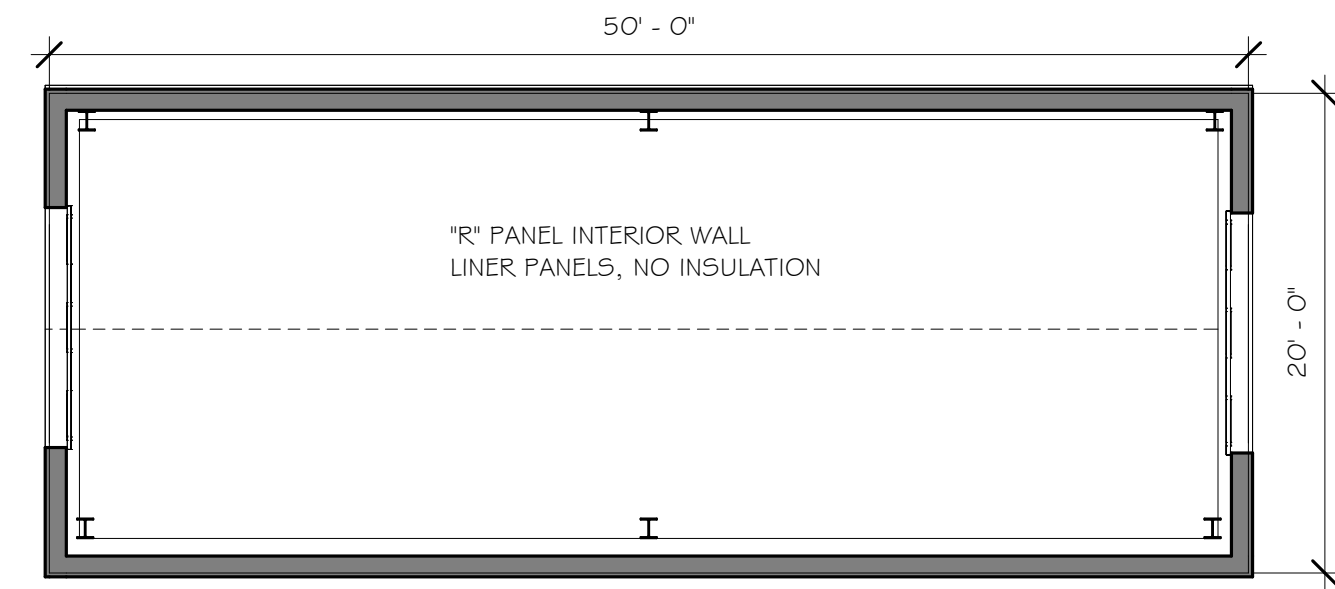
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Sheet Number

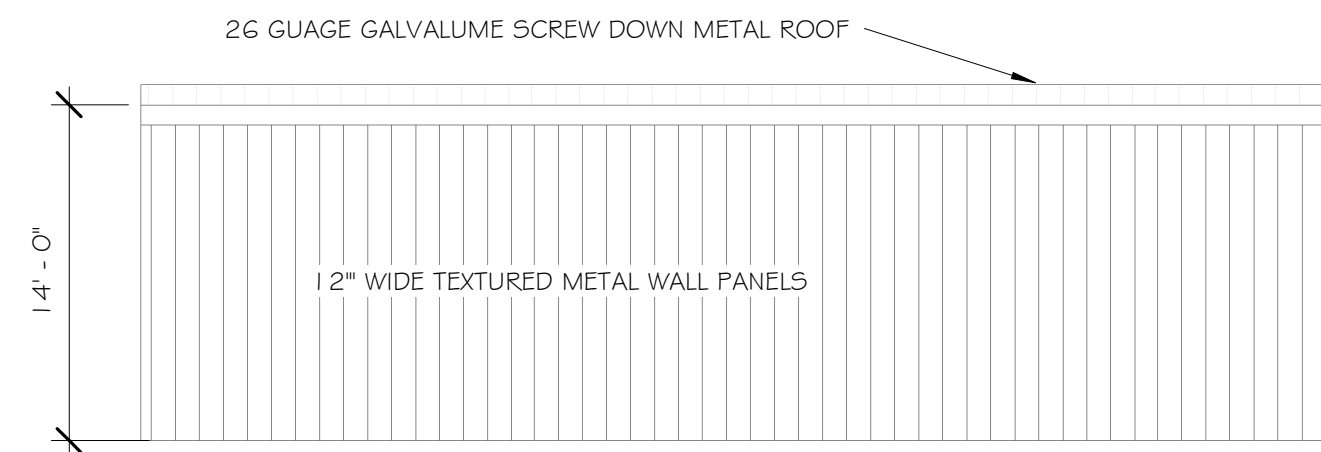
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Professional Seal

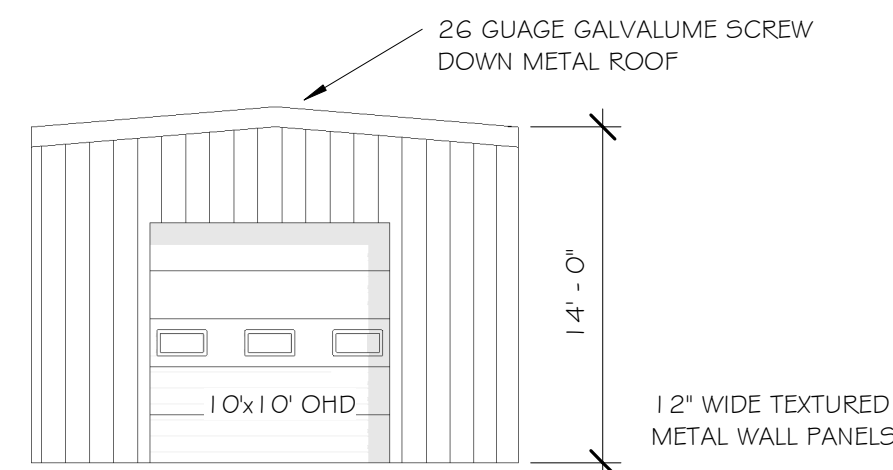
100% SALES DRAWINGS



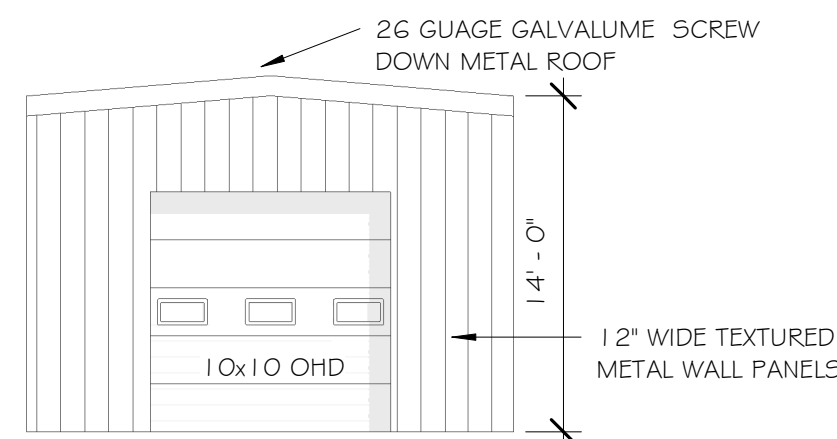
1 WASH BAY FLOOR PLAN
1/8" = 1'-0"



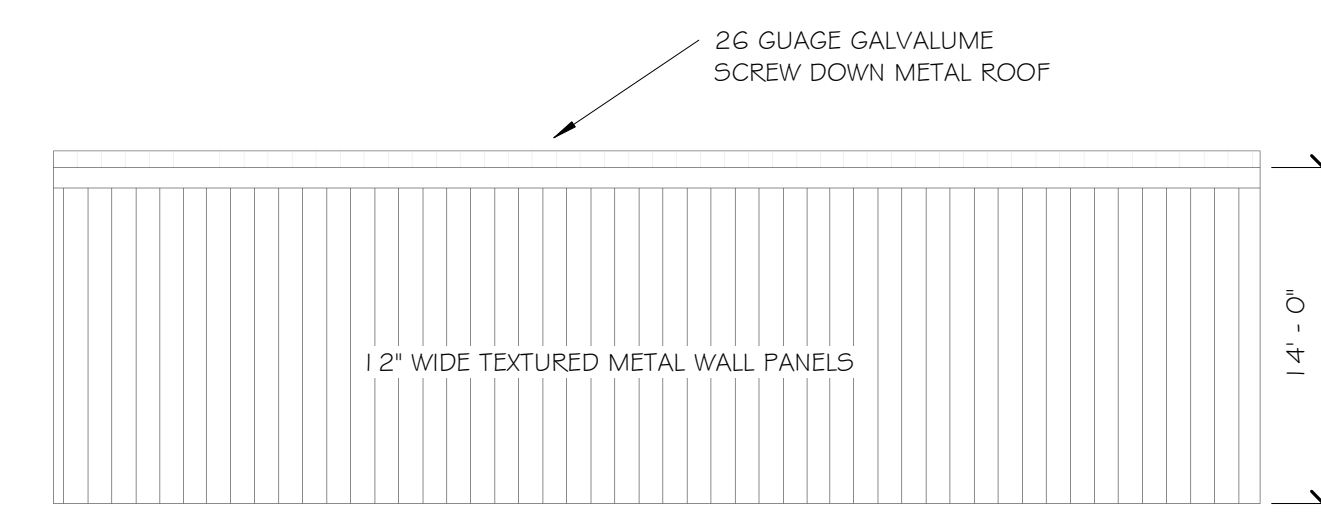
2 WASHBAY Elevation 5-A
1/8" = 1'-0"



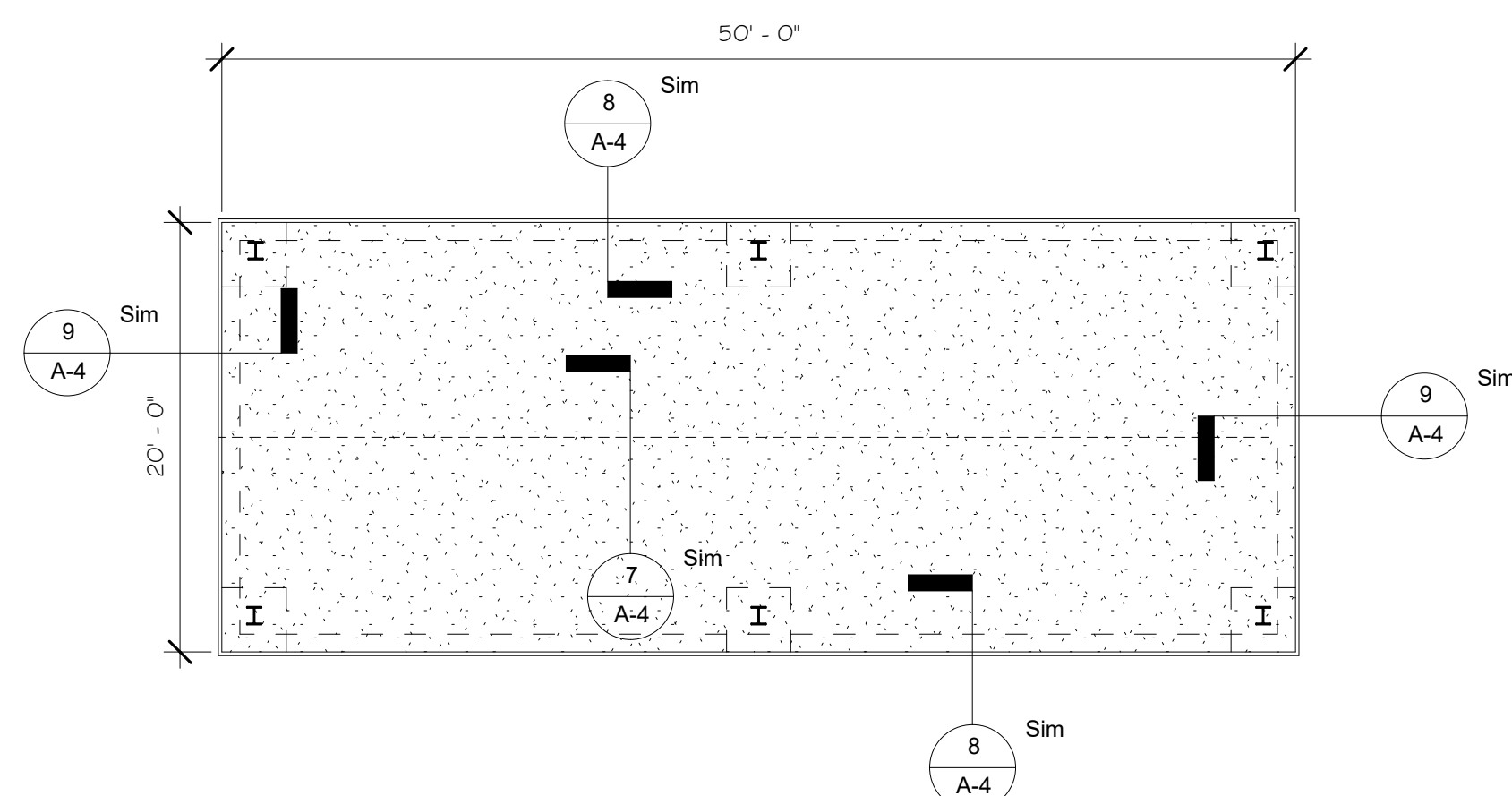
3 WASHBAY Elevation 6-A
1/8" = 1'-0"



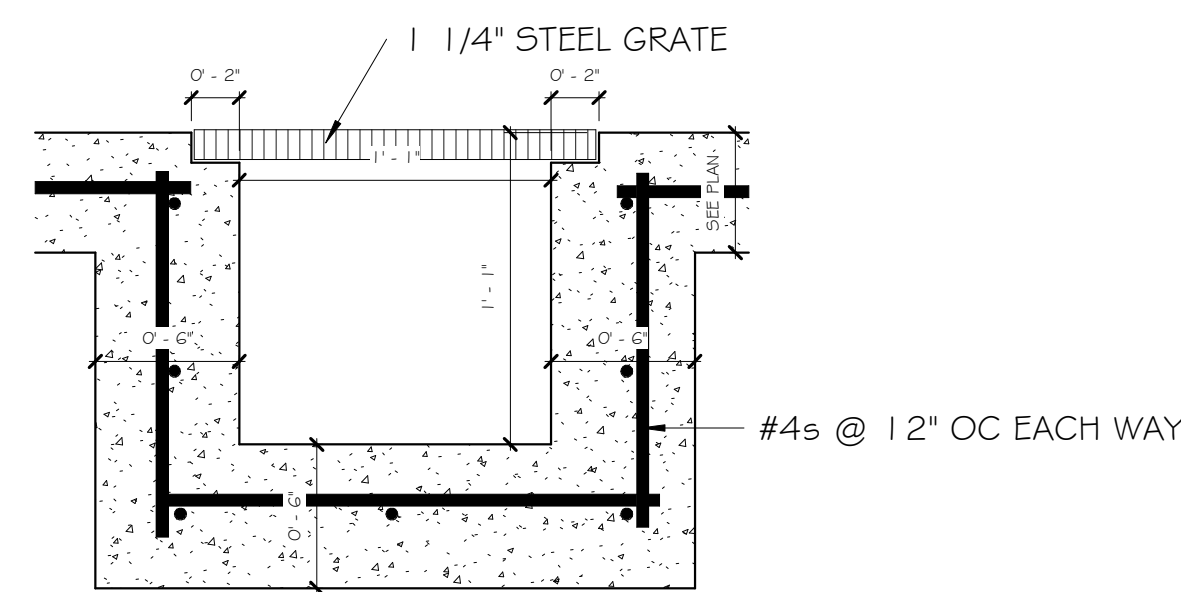
4 WASHBAY Elevation 7-A
1/8" = 1'-0"



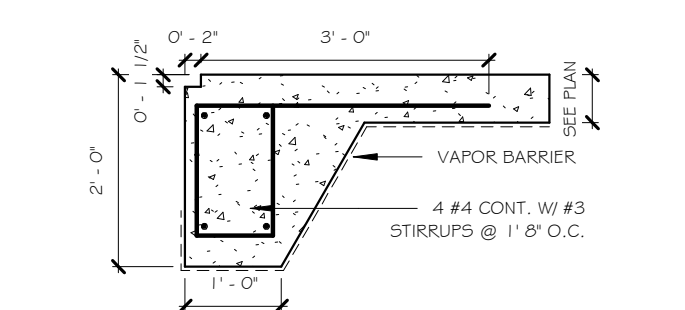
5 WASHBAY Elevation 8-A
1/8" = 1'-0"



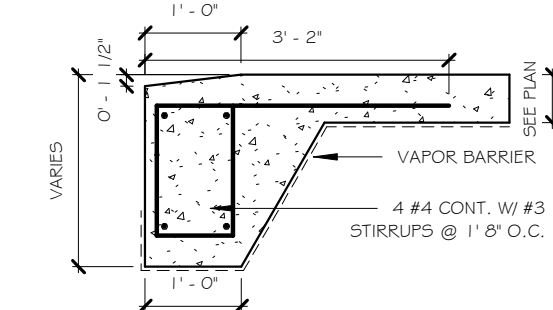
6 Washbay Foundation
1/8" = 1'-0"



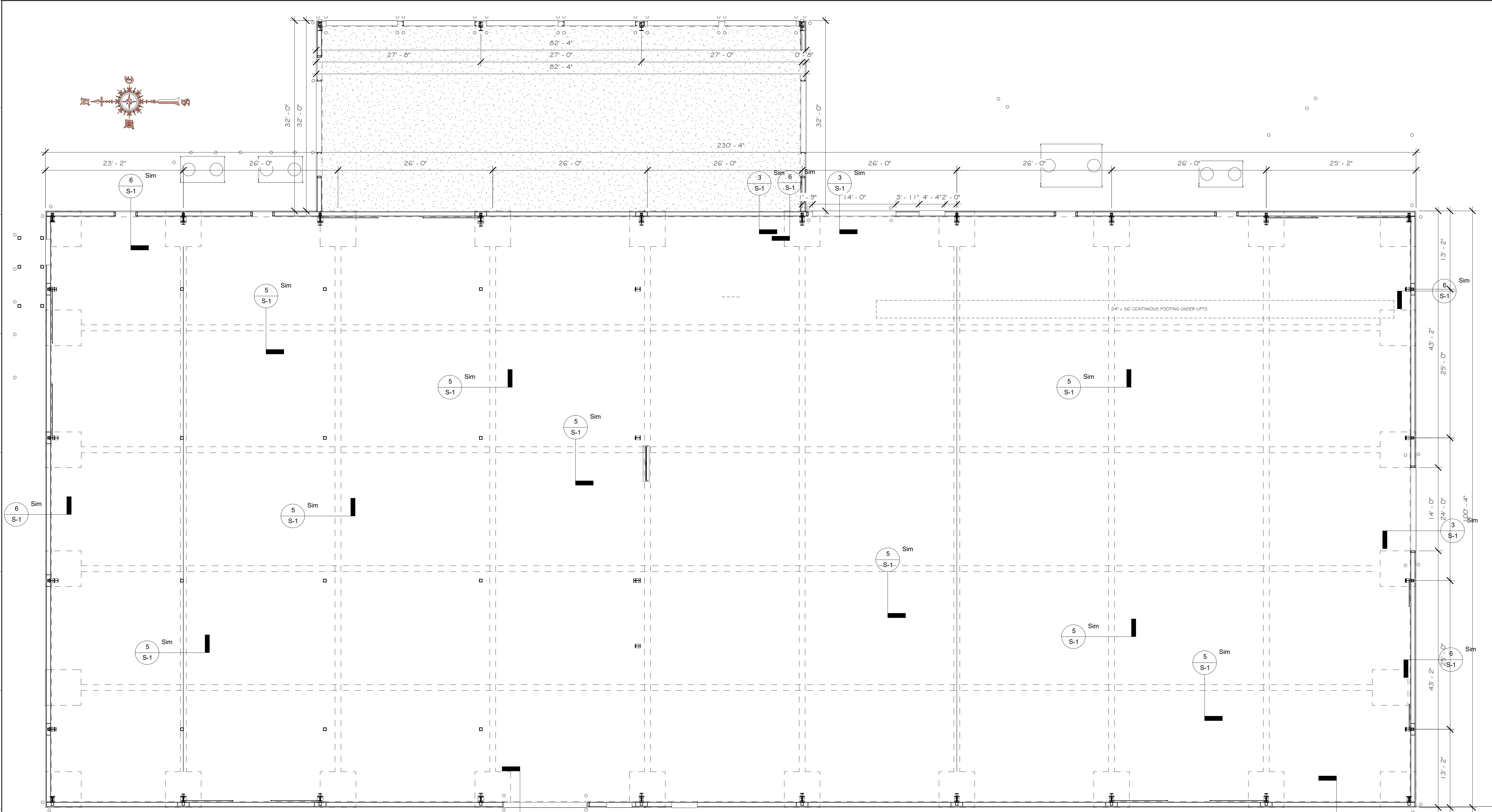
7 TRENCH DRAIN DETAIL
1 1/2" = 1'-0"



8 TYPICAL GRADE BEAM WITH SHEET NOTCH DETAIL 2
1/2" = 1'-0"



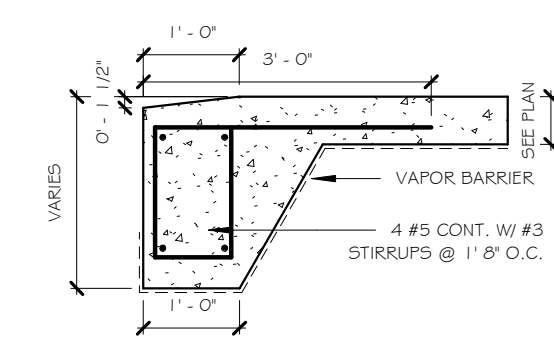
9 TYPICAL GRADE BEAM AT OHD DETAIL 2
1/2" = 1'-0"



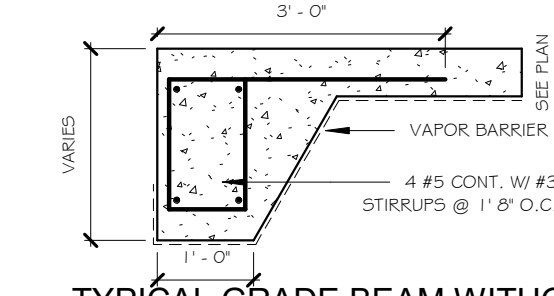
8) FND
 1/8" = 1'-0"

STRUCTURAL NOTES

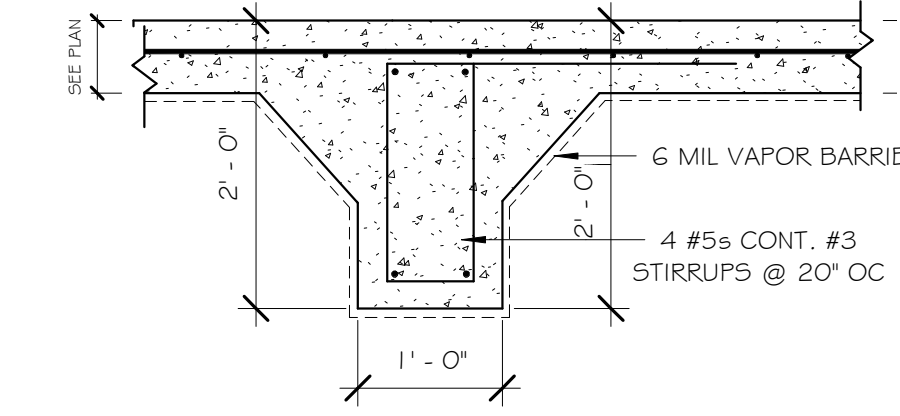
1. REINFORCING STEEL - GRADE 60
2. CONCRETE
 - A. 3,500 PSI FOOTINGS
 - B. 3,500 PSI SLAB
3. SOIL BEARING CAPACITY - 2,000 PSF
4. FOUNDATION DESIGN BASED ON THE FOLLOWING:
 - A. SOIL INVESTIGATION - TBD
 - B. REACTIONS - TBD
5. NO EXPANSIVE CLAYS ALLOWED WITHIN 6'-0" OF THE LOWEST FOUNDATION MEMBER. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING IN ALL DIRECTIONS.
6. SLAB CONTROL JOINTS SHOULD BE SAWED AS FOLLOWS:
 - A. SAW JOINTS AS SOON AS CONCRETE HAS SET ENOUGH TO ALLOW OPERATIONS
 - B. MIN. DEPTH - D=0.30 X SLAB DEPTH. MIN. SPACING 20' - 0" EACH WAY



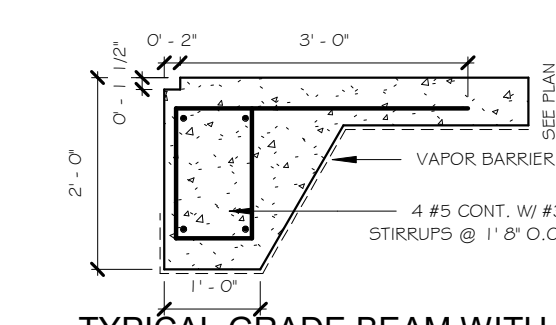
3) TYPICAL GRADE BEAM AT OHD DETAIL
 1/2" = 1'-0"



4) TYPICAL GRADE BEAM WITHOUT NOTCH
 1/2" = 1'-0"



5) TYPICAL THICKENED SLAB DETAIL
 3/4" = 1'-0"



6) TYPICAL GRADE BEAM WITH SHEET NOTCH DETAIL
 1/2" = 1'-0"

FOOTING SCHEDULE				
Type Mark	Length	Width	Thickness	Reinforcing
F1	<varies>	<varies>	<varies>	
	6' - 0"	6' - 0"	2' - 0"	

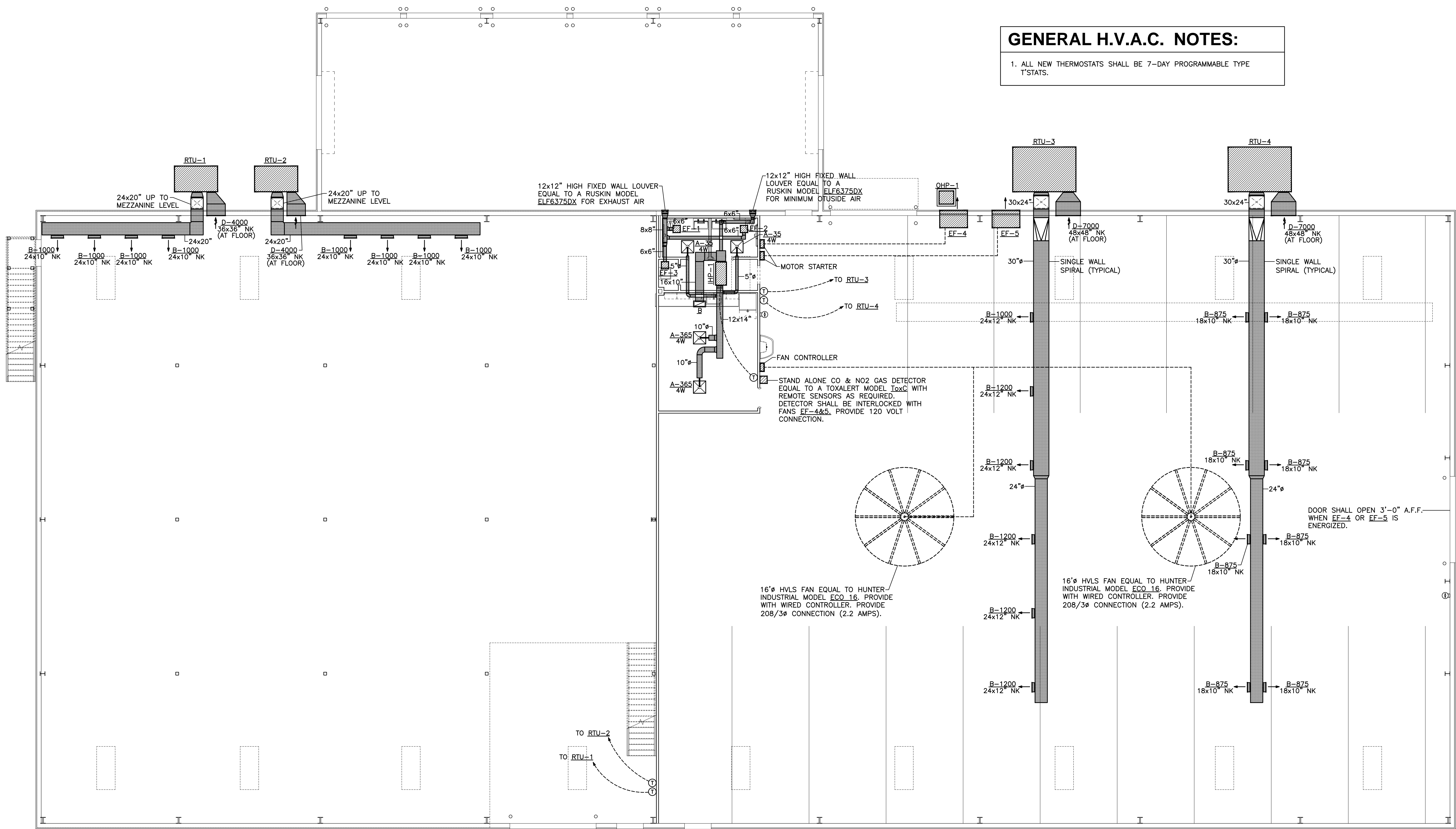


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Project Title
NEW SERVICE BUILDING FOR MAC HAIK
GLUCKSTADT, MS

Date: 2/23/2024
Drawn By: DVM
Checked By: SCW
Sheet Number: **M-1**
Professional Seal

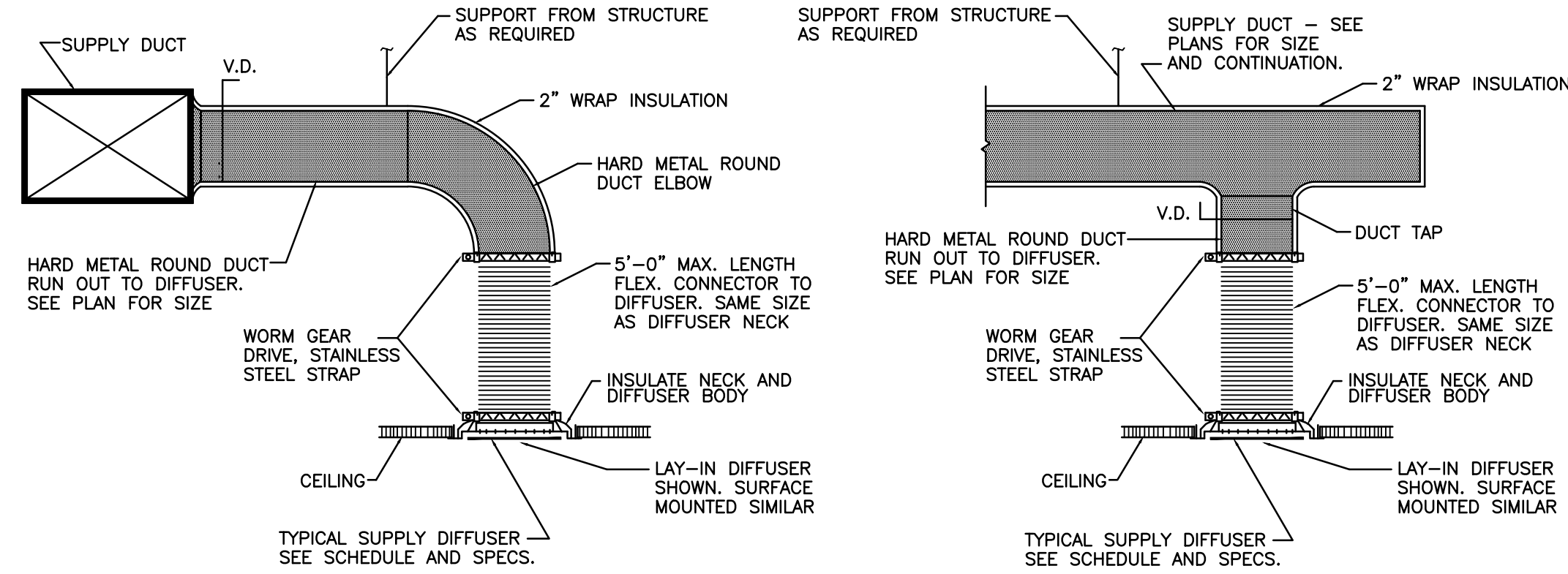
GENERAL H.V.A.C. NOTES:
1. ALL NEW THERMOSTATS SHALL BE 7-DAY PROGRAMMABLE TYPE T'STATS.



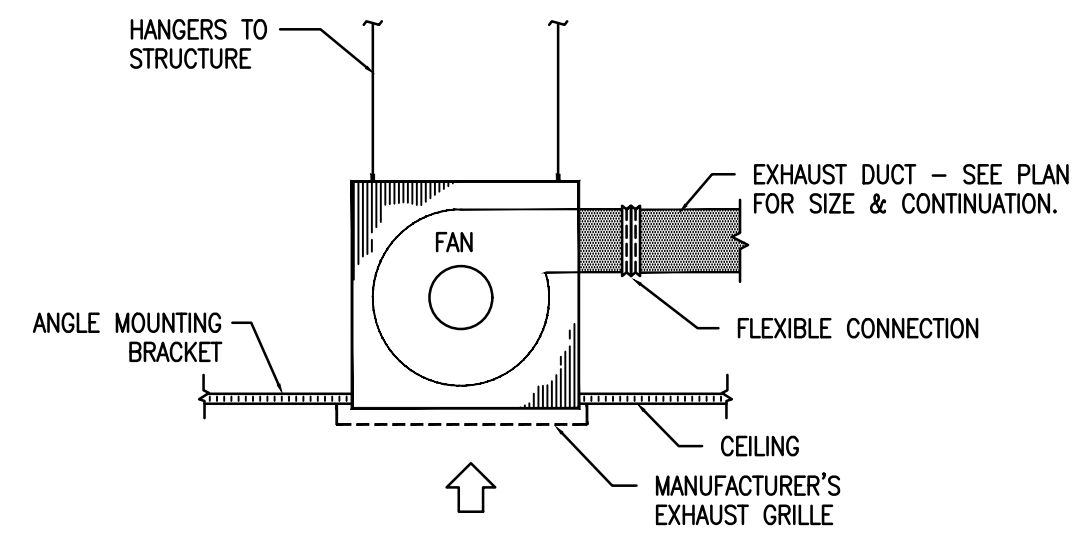
FLOOR PLAN - H.V.A.C.
SCALE: 1/8"=1'-0"
NORTH



SCWA# 24-022
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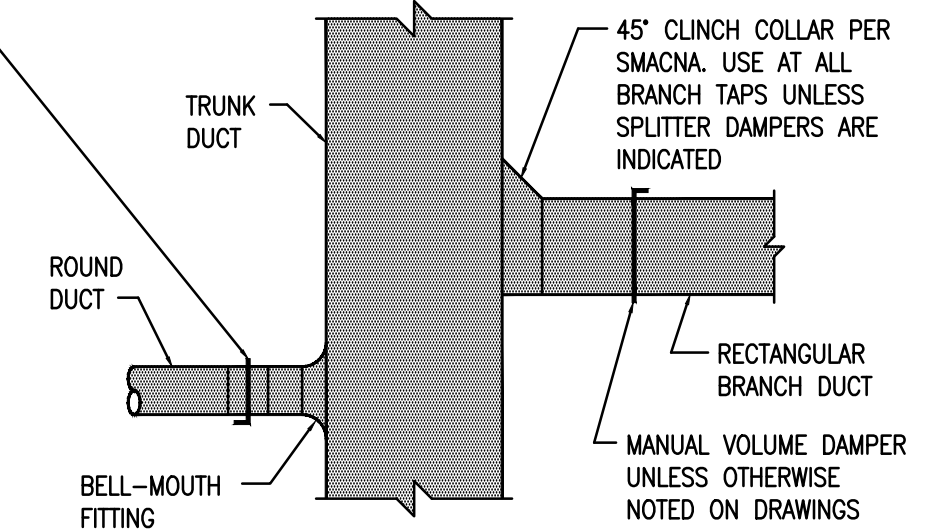


TYPICAL DIFFUSER MOUNTING
N.T.S.



CEILING MOUNTED EXHAUST FAN DETAIL
N.T.S.

NOTE:
DAMPERS SHALL BE PROVIDED IN ALL BRANCH RUN-OUTS TO DIFFUSERS, GRILLES AND REGISTERS UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS. DAMPERS ABOVE INACCESSIBLE CLG. SHALL BE COORDINATED WITH ACCESS DOORS. IF DAMPERS OCCUR IN AREAS NOT ACCESSIBLE FROM ACCESS DOORS PROVIDE OPERATOR ROD AND CLG. REGULATOR WITH GASKET AND SEALED CEILING PENETRATION.
PROVIDE MANUAL OPPOSED BLADE VOLUME DAMPER IN BRANCH LINE UNLESS OTHERWISE NOTED ON DRAWINGS. DAMPERS SHALL BE INSTALLED IN ACCESSIBLE LOCATION NEAR TRUNK DUCT AND MINIMUM OF 5'-0" FROM ANY AIR INLET OR OUTLET DEVICE.
COORDINATE WITH ACCESS DOORS IN NON-ACCESSIBLE CLGS.



BRANCH DUCT TAP DETAIL
N.T.S.

- GENERAL NOTES:
- A. INSTALLATION
 1. ALL PIPING OR DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR SUSPENDED CEILINGS.
 2. THERMOSTATS SHALL BE LOCATED 5'-0" ABOVE FLOOR AND SHALL CLEAR ALL EQUIPMENT. THERMOSTATS LOCATED NEXT TO DOORS SHALL BE LOCATED ON LATCH SIDE OF DOOR.
 3. COORDINATE DIFFUSER, GRILLE, AND REGISTER LOCATIONS WITH REFLECTED CEILING PLAN.
 4. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COORDINATION OF WORK OF ALL TRADES TO ASSURE PROPER INSTALLATION AND CLEARANCES. DRAWINGS ARE ESSENTIALLY DIAGRAMMATICAL AND THEREFORE CONTRACTOR SHOULD PLAN EXACT ROUTING OF DUCT AND PIPE BASED ON FIELD CONDITIONS. PROVIDE ADDITIONAL TRANSITIONS AND OFFSETS AS NECESSARY (AT NO ADDITIONAL COST TO OWNER) TO COMPLETE INSTALLATION AND MAINTAIN REQUIRED CEILING HEIGHTS.
 5. ACCESS PANELS IN DUCTWORK AND NON-ACCESSIBLE CEILINGS SHALL BE PROVIDED FOR OPERATION AND MAINTENANCE OF ALL BOXES, COILS, VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. PROVIDE MINIMUM 24" X 24" CEILING ACCESS PANEL FOR VAV BOXES AND 12" X 12" FOR DAMPERS. COORDINATE EXACT PLACEMENT OF ACCESS PANELS AND EQUIPMENT SO THAT REASONABLE MAINTENANCE SPACE IS AVAILABLE.
 6. CONTRACTOR SHALL COORDINATE ALL OPENINGS IN ROOF TO CONFORM WITH DIMENSIONS OF EQUIPMENT PURCHASED. DUCTS THROUGH ROOF TO FANS AND HVAC EQUIPMENT SHALL BE TRANSITIONED TO COORDINATE WITH EQUIPMENT CONNECTION SIZES AND ROOF OPENING REQUIREMENTS.
 7. INSTALLATION OF ALL EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH STANDARD DETAILS, SECTIONS, AND ELEVATIONS SHOWN ON THE DRAWINGS.
 8. CONTRACTOR SHALL MAINTAIN A CLEAR SERVICE AREA AROUND ALL EQUIPMENT FOR MAINTENANCE SUCH AS, FILTER REMOVAL, MOTOR AND DRIVE ADJUSTMENTS, COIL AND TUBE CLEANING OR REMOVAL.
 9. ALL CONSTRUCTION SHALL BE PER DETAILS AND SPECIFICATIONS OF CONTRACT DOCUMENTS.
 - B. DUCTWORK
 1. ALL DUCT RUNOUTS TO DIFFUSERS, RETURN AIR GRILLES AND EXHAUST GRILLES SHALL BE COMPLETE WITH VOLUME DAMPERS UNLESS NOTED OTHERWISE. DAMPERS MAY BE OMITTED IN DUCT RUNOUTS FROM BOXES SERVING SINGLE DIFFUSER. LOCATE DAMPERS SO THEY ARE ACCESSIBLE FROM LAY-IN CEILING OR ACCESS DOORS.
 2. ROUND SUPPLY RUNOUTS TO DIFFUSERS SHALL BE HARD METAL TO WITHIN 5'-0" DEVELOPED LENGTH FROM DIFFUSER. MAXIMUM 5'-0" OF FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTION TO DIFFUSER.
 3. DUCT TRANSITIONS SHALL BE PROVIDED AS REQUIRED FROM ALL EQUIPMENT CONNECTS TO DUCT SIZES INDICATED ON DRAWINGS.
 4. PROVIDE EASED INLET RECTANGULAR TO ROUND TAPS AT DUCT TAPS IF ROUND DUCT SIZE IS TOO LARGE FOR BELLMOUTH TAP TO TRUNK DUCT.

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Project Title

NEW SERVICE BUILDING FOR MAC HAIK

Date: 2/23/2024
Drawn By: DVM
Checked By: SCW

Sheet Number
M-2
Professional Seal



SCWA# 24-022
Scott C. Woods and Associates

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NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date: 2/23/2024
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Sheet Number: **M-3**
 Professional Seal

OUTDOOR HEAT PUMP SCHEDULE															
MARK	MAKE	MODEL	COOLING			HEATING			ELECTRICAL				MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE	REMARKS
			AMBIENT	MBH	SEER	AMBIENT	MBH	COP	COMP. FLA	FAN FLA	VOLTS	PHASE			
OHP-1	TRANE	4TTR4024	95°F	24.0	14.0	47°F	24.0	----	10.1	0.85	208	1	13	20	

INDOOR HEAT PUMP SCHEDULE																				
MARK	MAKE	MODEL	FAN			MOTOR			COOLING-95° AMB.				HEATING-47° AMB.				MCA	MOP	REMARKS	
			TOT CFM	O.A. CFM	E.S.P.	HP	VOLTS	PH.	EAT	TMBH	SMBH	EAT	MBH	AUX. HEAT KW	STEPS	VOLTS				PH.
IHP-1	TRANE	TEM4A24	800	80	.50"	1/3	208	1	80°/67°F	24.0	18.3	75°	24.0	7.2	1	208	1	45	45	PROVIDE W/ 1" FILTER RACK SINGLE POINT POWER CONNECTION

ROOFTOP UNIT SCHEDULE (COOLING ONLY)																					
MARK	MAKE	MODEL	TYPE	COOLING CAPACITY			ELECTRIC		EVAPORATOR FAN				CONDENSER FAN			COMP.		MCA	MOP	REMARKS	
				TMBH	SMBH	ENTERING AIR DB/WB	VOLTS	PHASE	CFM	O.A.	ESP	H.P.	FLA	NO.	VOLTS	FLA	NO.				FLA
RTU-1	TRANE	TSJ120	HORIZONTAL	120.0	----	80°/67°F	208	3	4,000	200	.50"	3.0	8.8	1	208	2.8	2	25.8/9.7	54	70	
RTU-2	TRANE	TSJ120	HORIZONTAL	120.0	----	80°/67°F	208	3	4,000	200	.50"	3.0	8.8	1	208	2.8	2	25.8/9.7	54	70	
RTU-3	TRANE	TSJ210	HORIZONTAL	214.0	----	80°/67°F	208	3	7,000	700	.50"	(2)3.0	8.8 EA.	2	208	4.3 EA.	2	35.7/20.2	93	125	
RTU-4	TRANE	TSJ210	HORIZONTAL	214.0	----	80°/67°F	208	3	7,000	700	.50"	(2)3.0	8.8 EA.	2	208	4.3 EA.	2	35.7/20.2	93	125	

FAN SCHEDULE															
MARK	MAKE	MODEL	TYPE	CFM	RPM	ESP	WHEEL		DRIVE	SONES	MOTOR			INTERLOCKED W/ CONTROLLED BY	REMARKS
							TYPE	MIN DIA			HP	VOLTS	PHASE		
EF-1	COOK	GC-140	CLG. MTD.	100	1500	.25"	FC	----	DIRECT	3.1	.009	120	1	MOTION SENSOR	A,B,C,D
EF-2	COOK	GC-140	CLG. MTD.	100	1500	.25"	FC	----	DIRECT	3.1	.009	120	1	MOTION SENSOR	A,B,C,D
EF-3	COOK	GC-140	CLG. MTD.	100	1500	.25"	FC	----	DIRECT	3.1	.009	120	1	WALL SWITCH	A,B,C,D
EF-4	COOK	48XMWH	WALL PROP	25,000	526	.125"	PROP	----	BELT	28	3.0	208	3	STARTER	C,E,F
EF-5	COOK	48XMWH	WALL PROP	25,000	526	.125"	PROP	----	BELT	28	3.0	208	3	STARTER	C,E,F

ACCESSORIES: (A) VIBRATION ISOLATORS (B) GRAVITY BACKDRAFT DPR. (C) DISCONNECT (D) SPEED CONTROLLER (E) WALL COLLAR (F) GRAVITY SHUTTER

GRILLE, REGISTER AND DIFFUSER SCHEDULE															
MARK	MAKE	MODEL	TYPE	USE			MTG	PANEL SIZE	NECK SIZE	MAX CFM	MAX PD	DAMPER	FINISH	PATTERN	REMARKS
				S	R	E									
A	TITUS	TDC-AA	LOUVER FACE	X			LAY-IN	24x24"	SEE PLANS	SEE PLANS	.07"	----	WHITE	SEE PLANS	
B	TITUS	300F	DOUBLE DEFLECTION	X			DUCT	MFGR'S STANDARD	SEE PLANS	SEE PLANS	.07"	----	ALUMINUM	FULLY ADJUSTABLE	
C	TITUS	50F	CUBE CORE		X		LAY-IN	24x12"	22x10"	1200	.05"	----	WHITE	----	
D	TITUS	30F	FIXED BLADE		X		SIDEWALL	MFGR'S STANDARD	SEE PLANS	SEE PLANS	.07"	----	ALUMINUM	0° DEFLECTION	



SCWA# 24-022
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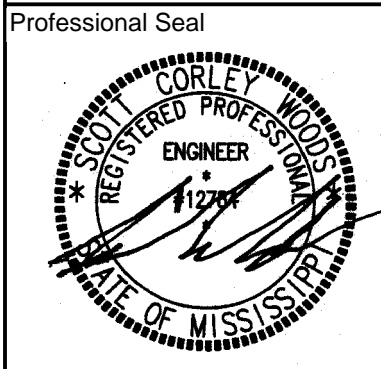
NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date: 2/23/2024
Drawn By: DVM
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Sheet Number

P-1

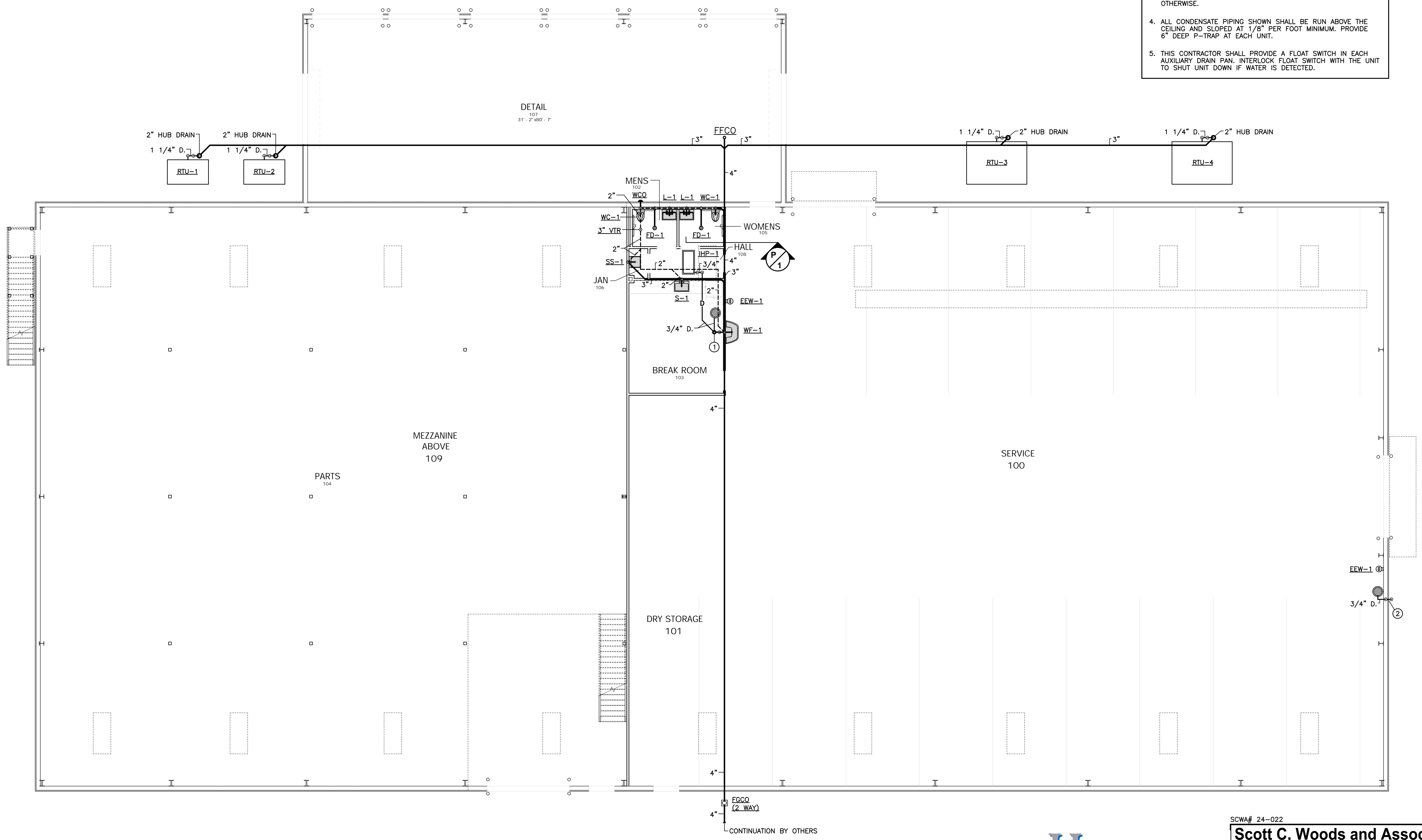


KEYED NOTES

- ① INDICATES 2" DEEP SEAL P-TRAP WITH 2x3" INCREASER AND SURE SEAL ABOVE CEILING.
- ② ROUTE 3/4" DRAIN DOWN WALL AND TURN OUT 4" ABOVE FINISHED GRADE.

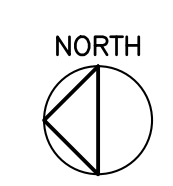
GENERAL PLUMBING NOTES

- 1. THIS CONTRACTOR SHALL COORDINATE SEWER INVERTS WITH CIVIL CONTRACTOR BEFORE INSTALLING PIPE.
- 2. ALL SANITARY SEWER PIPING SHOWN SHALL BE BELOW THE FLOOR AND SLOPED AT 1/8" PER FOOT MINIMUM UNLESS NOTED OTHERWISE.
- 3. ALL VENT PIPING SHALL BE ABOVE THE CEILING UNLESS NOTED OTHERWISE.
- 4. ALL CONDENSATE PIPING SHOWN SHALL BE RUN ABOVE THE CEILING AND SLOPED AT 1/8" PER FOOT MINIMUM. PROVIDE 6" DEEP P-TRAP AT EACH UNIT.
- 5. THIS CONTRACTOR SHALL PROVIDE A FLOAT SWITCH IN EACH AUXILIARY DRAIN PAN. INTERLOCK FLOAT SWITCH WITH THE UNIT TO SHUT UNIT DOWN IF WATER IS DETECTED.



DETAIL
107
31' - 2" x 80' - 7"

FGCO (2 WAY)
CONTINUATION BY OTHERS



FLOOR PLAN - WASTE AND VENT
SCALE: 1/8"=1'-0"



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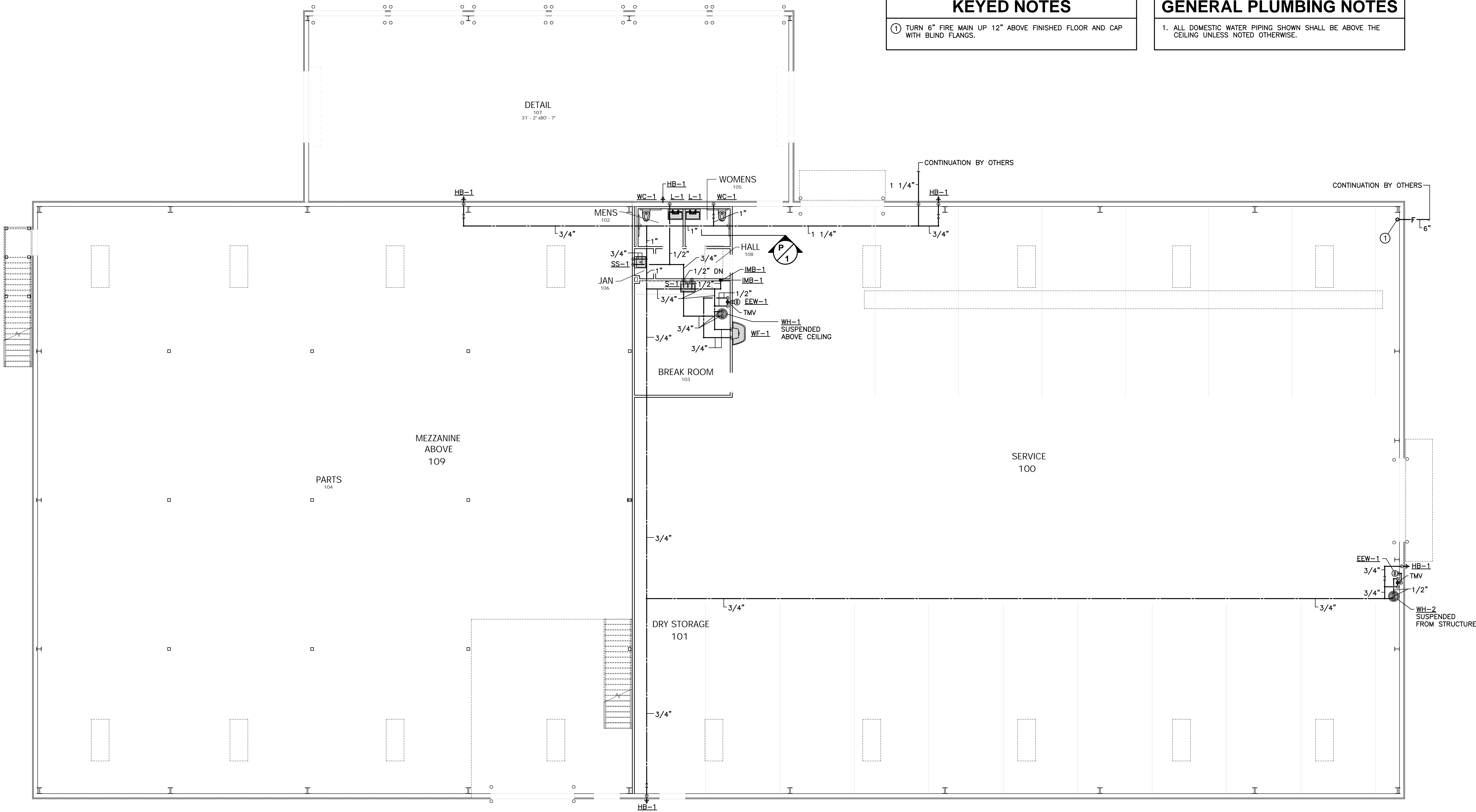
P-2



KEYED NOTES
① TURN 6" FIRE MAIN UP 12" ABOVE FINISHED FLOOR AND CAP WITH BLIND FLANGES.

GENERAL PLUMBING NOTES
1. ALL DOMESTIC WATER PIPING SHOWN SHALL BE ABOVE THE CEILING UNLESS NOTED OTHERWISE.

DETAIL
107
31' - 2" x 80' - 7"



FLOOR PLAN - DOMESTIC WATER
SCALE: 1/8"=1'-0"



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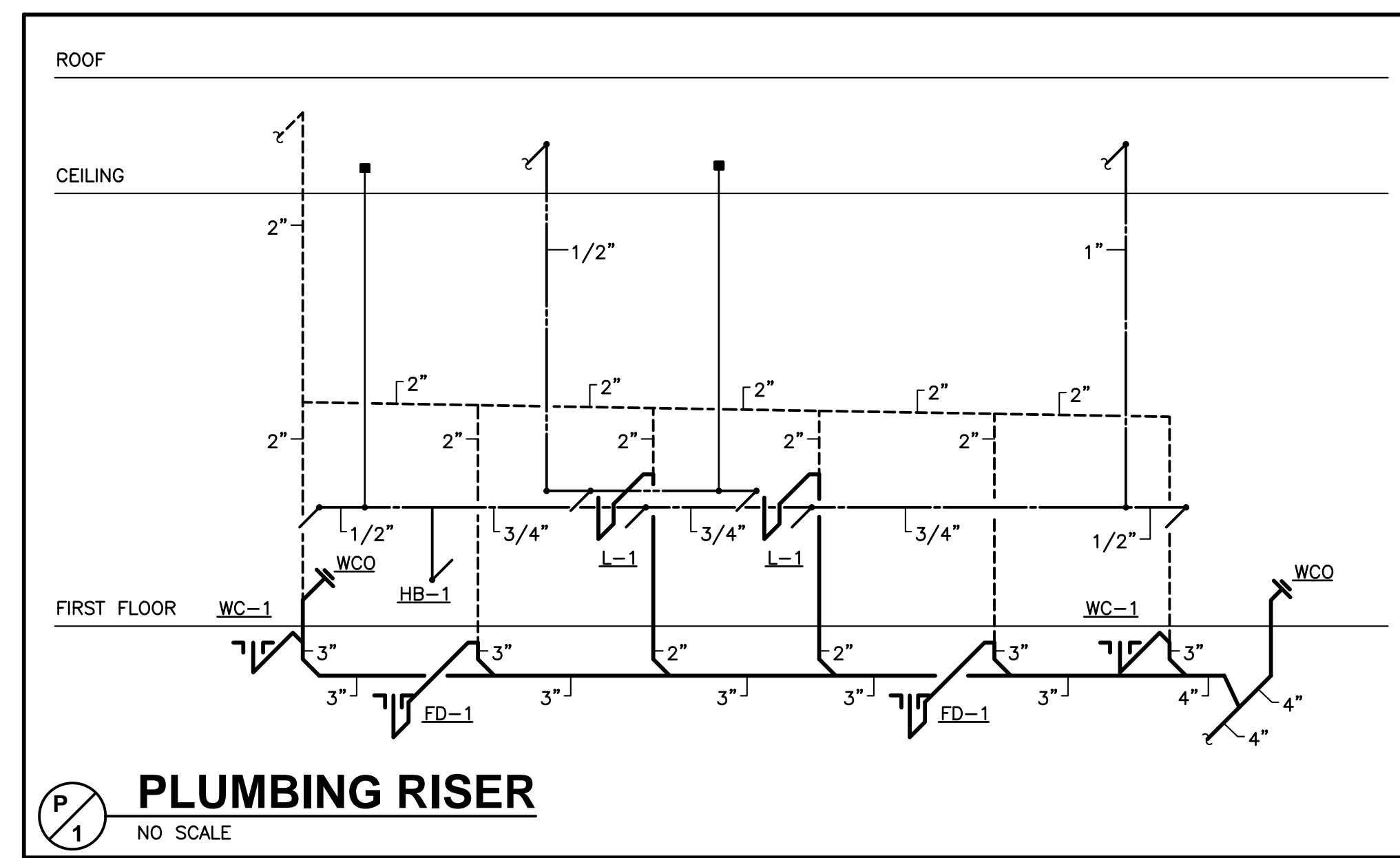
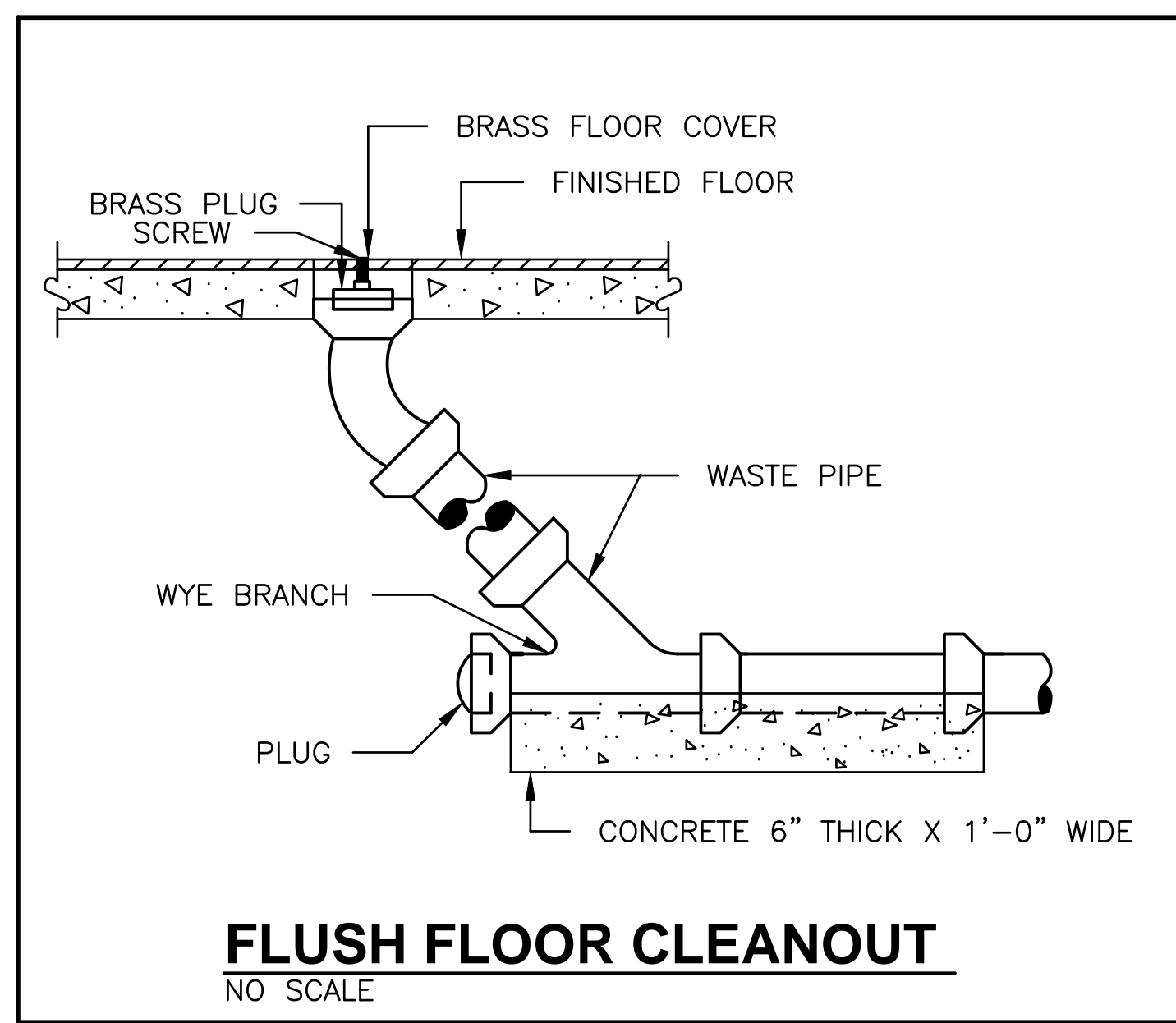
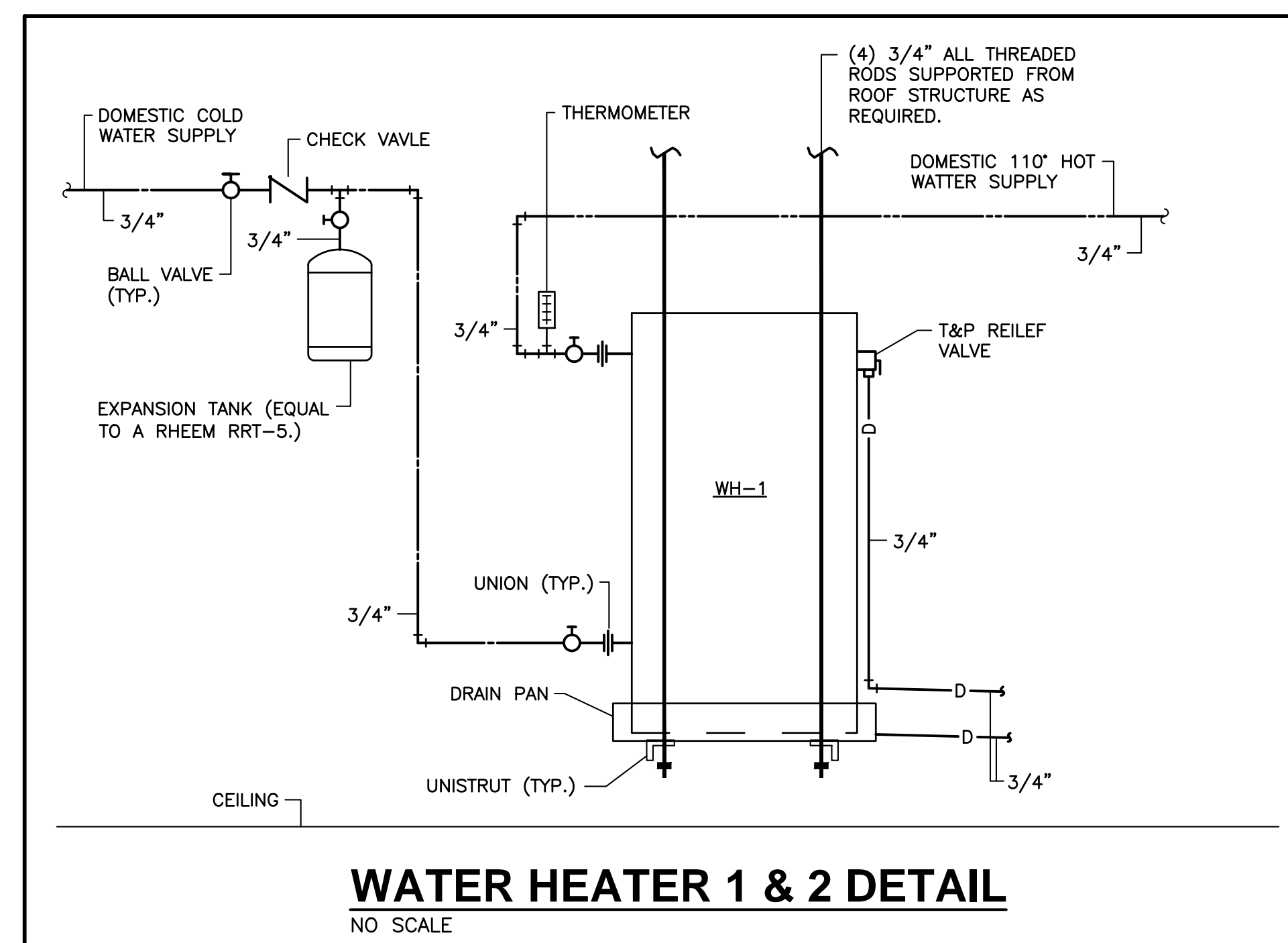
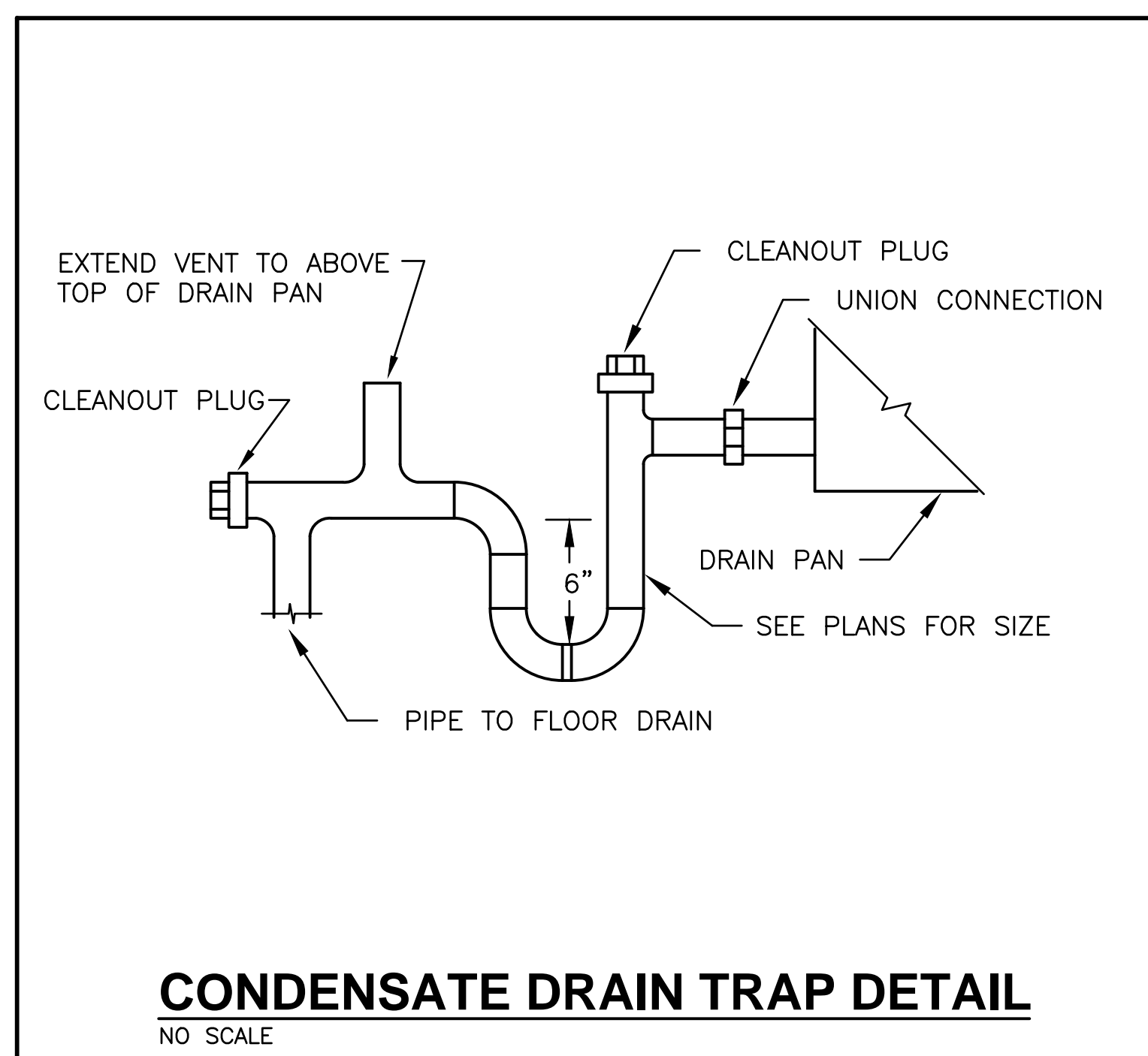
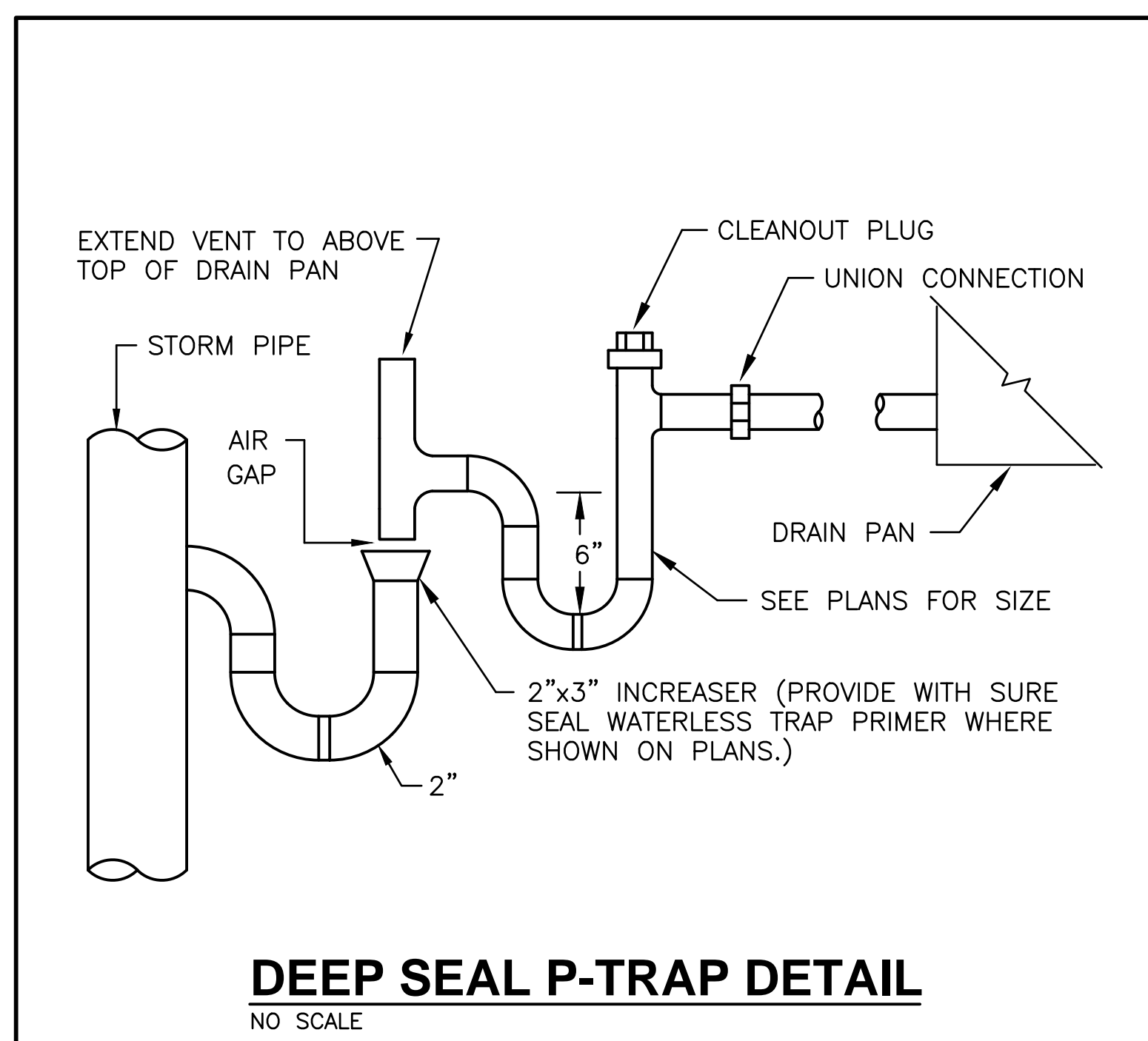
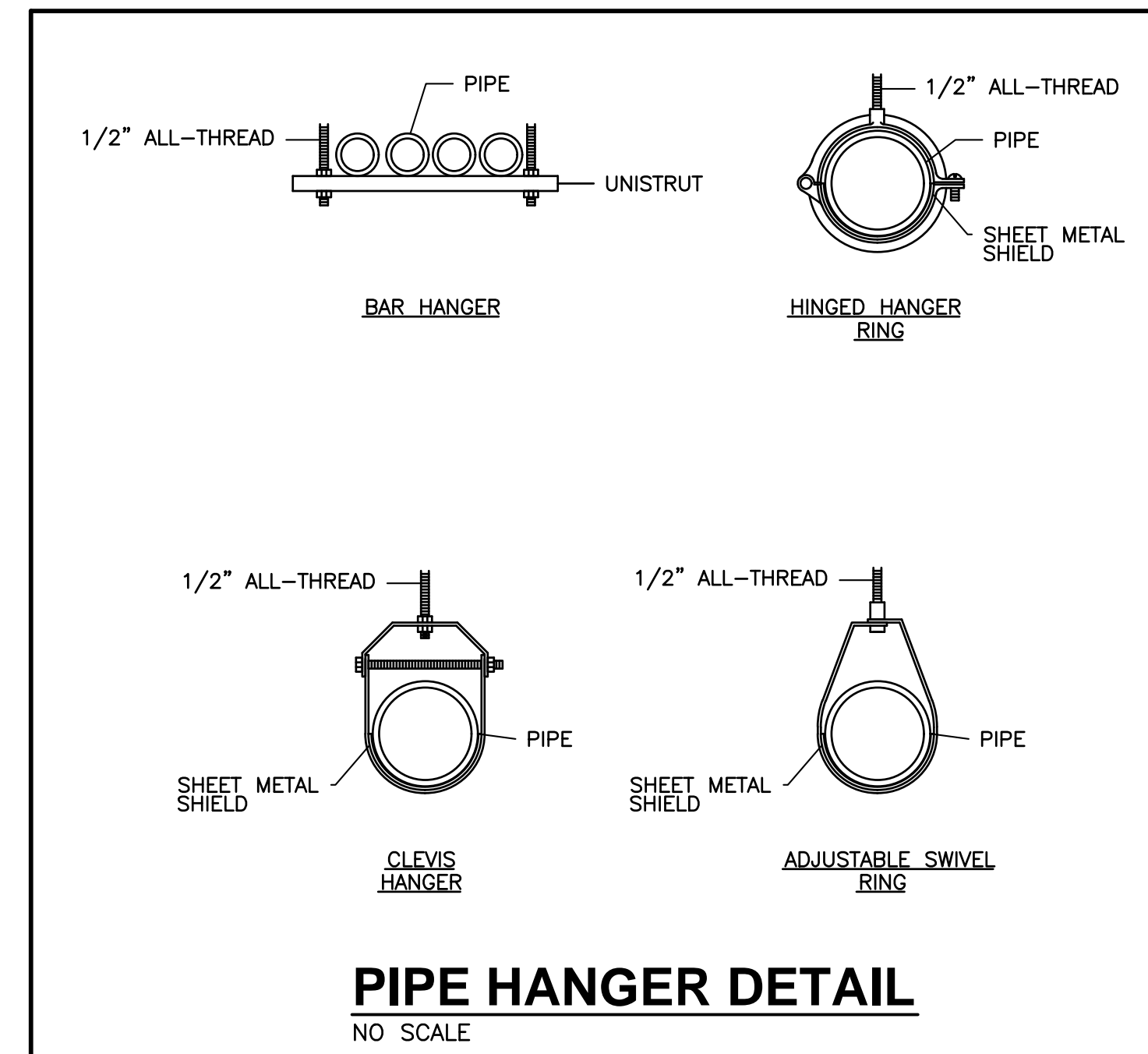
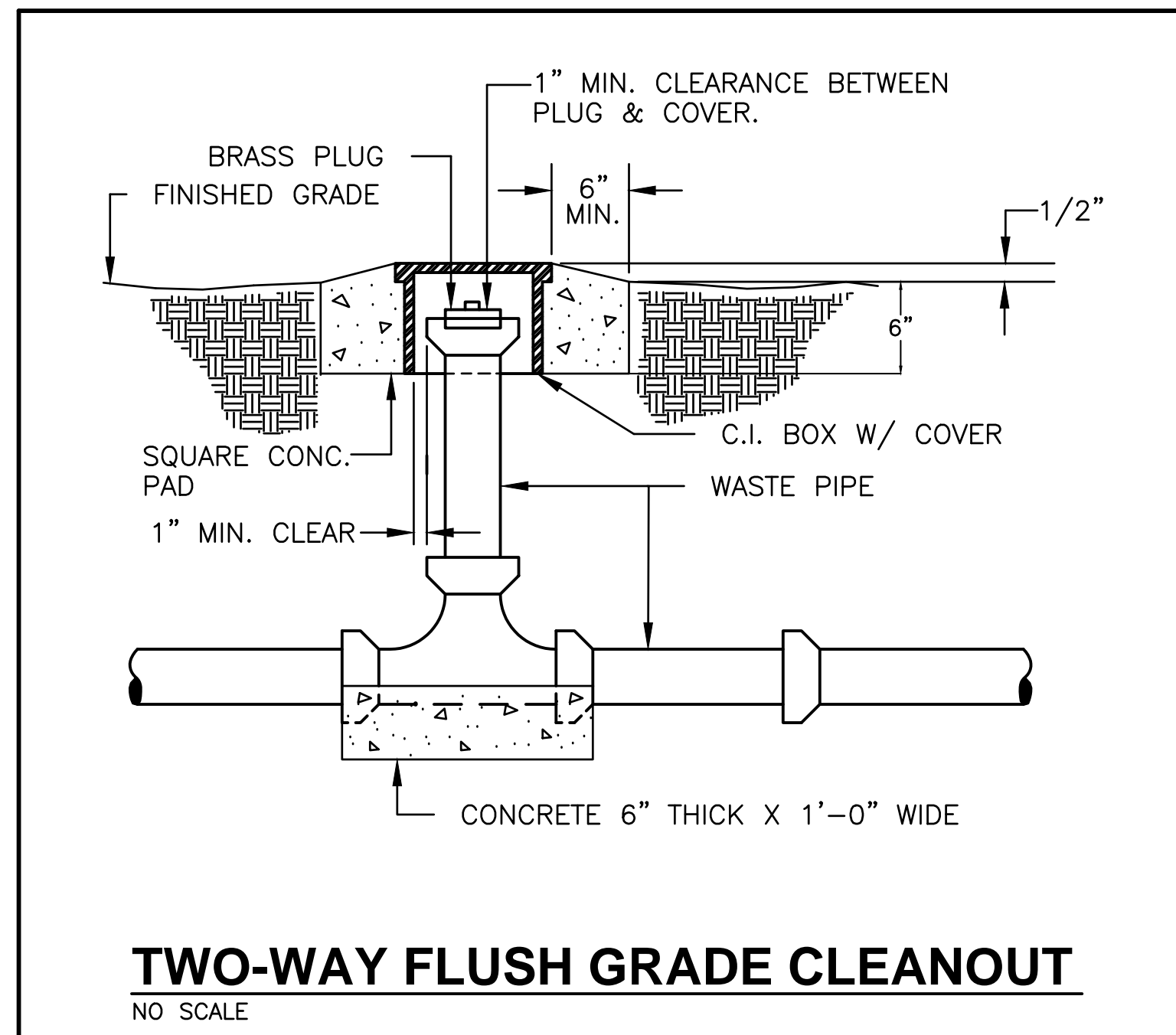
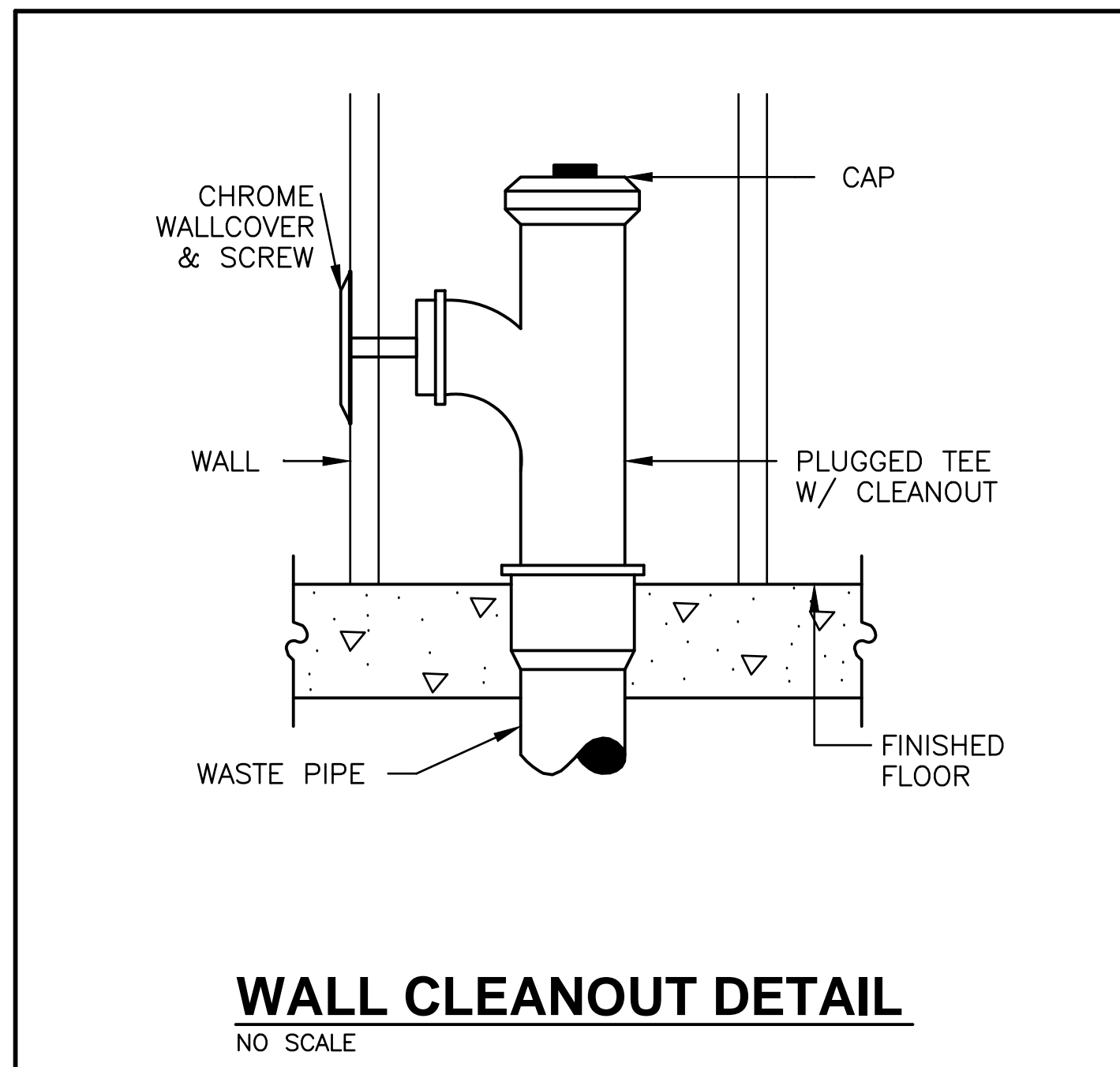
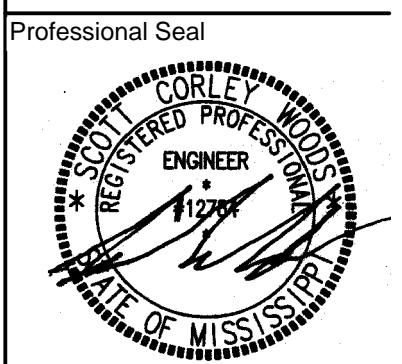
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Sheet Number
P-3



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WATER HEATERS										
MARK	FUEL	STORAGE GALLONS	RECOVERY GPH @ 90' RISE	INPUT M.B.H.	ELEC. DATA			FLUE	MFR. AND MODEL	REMARKS
					SERVICE	BLOWER H.P.	K.W.			
WH-1	ELECTRIC	20	21	---	208V/1PH	---	2@4.5	---	RHEEM PROE20 S2 RH	NON-SIMULTANEOUS ELEMENTS
WH-2	ELECTRIC	20	21	---	208V/1PH	---	2@4.5	---	RHEEM PROE20 S2 RH	NON-SIMULTANEOUS ELEMENTS

STANDARD PLUMBING LEGEND	
DOMESTIC COLD WATER	_____
DOMESTIC 110° HOT WATER	_____
SANITARY SEWER PIPING	_____
VENT PIPING	_____
GAS PIPING	_____ G _____
CONDENSATE DRAIN LINE	_____ D _____
BALL VALVE	_____
CHECK VALVE	_____ N _____
UNION	_____ _____
GAS COCK	_____ P.D.I. _____
WATER HAMMER ARRESTOR	_____
VENT THROUGH ROOF	_____ VTR _____
FLUSH GRADE CLEANOUT	_____ FGCO _____
WALL CLEANOUT	_____ WCO _____

PLUMBING FIXTURE SCHEDULE													
MARK	DESCRIPTION	MAKE	MODEL	SUPPLY FITTING	SUPPLY PIPE(S)	DRAIN	TRAP	ROUGH-IN SIZES					REMARKS
								C.W.	H.W.	WASTE	VENT	TRAP	
WC-1	WATER CLOSET, FLOOR MOUNTED, PRESSURE TANK TYPE, A.D.A.	KOHLER	K-3493	---	ZURN ZH8824CR	---	---	1/2"	---	4"	2" or 4"	INT.	W/ BEMIS 1055SSC WHITE SEAT, W/ BOLT CAPS. OPEN FRONT AND FLUSH TO SIDE.
L-1	LAVATORY, WALL HUNG A.D.A., 20"x18"	KOHLER	K-2005	DELTA 22C101	ZURN ZH8824LR	ZURN Z-8746	ZURN Z8710BN	1/2"	1/2"	2"	2"	1 1/4"	COORDINATE ROUGH-IN WITH DRAIN ASSEMBLY. INSULATE DRAIN, P-TRAP AND SUPPLY PIPES WITH TRAP WRAP CS00-RHS. PROVIDE ZURN MODEL ZW1070XL MIXING VALVE.
WF-1	WASHFOUNTAIN, 3 STATION	ACORN	3423-2-S0	---	ZURN ZH8824LR	---	ZURN Z8702BN	3/4"	3/4"	2"	2"	1 1/2"	REQUIRES 120v, 1ph RECEPTACLE. SET AT 105' LEAVING WATER TEMPERATURE.
S-1	SINK, STAINLESS STEEL, SINGLE COMPARTMENT 22"x19"x7 1/4"	ELKAY	PSR2219	DELTA 26T2944	ZURN ZH8824LR	ELKAY LK-35	ZURN Z8702BN	1/2"	1/2"	2"	2"	1 1/2"	
SS-1	SERVICE SINK, FLOOR MOUNTED	MUSTEE	17F	MUSTEE 93.600	---	---	KOHLER K-6673	3/4"	3/4"	2"	2"	1 1/2"	WITH VACUUM BREAKER.
IMB-1	ICE MAKER BOX	OATEY	38681	---	---	---	---	1/2"	---	---	---	---	MOUNT BOTTOM AT 12" ABOVE THE FINISHED FLOOR.
FD-1	FLOOR DRAIN POLISHED BRONZE	ZURN	ZB-415-B	---	---	---	---	---	---	3"	2"	3"	WITH SURE SEAL WATERLESS TRAP PRIMER.
EEW-1	EMERGENCY EYE/FACE WASH	ACORN SAFETY	S0420	---	ZURN ZH8824LR	---	ZURN Z8710BN	1/2"	1/2"	2"	2"	1 1/4"	WITH ACORN SAFETY MODEL ET71-1-BVS-OTG THERMOSTATIC MIXING VALVE.
HB-1	HOSE BIBB FREEZE PROOF	ARROWHEAD	38LF	---	---	---	---	3/4"	---	---	---	---	WITH VACUUM BREAKER.

PEOPLES CONSTRUCTION
 DESIGN - BUILD GENERAL CONTRACTORS
 3913 Underwood Drive || Flowood, MS 39232
 Office: 601-932-1111 || Fax: 601-932-1112
 www.peoplesconstruction.com

Project Title

NEW SERVICE BUILDING FOR MAC HAIK
 GLUCKSTADT, MS

Date: 2/23/2024
 Drawn By: DVM
 Checked By: SCW

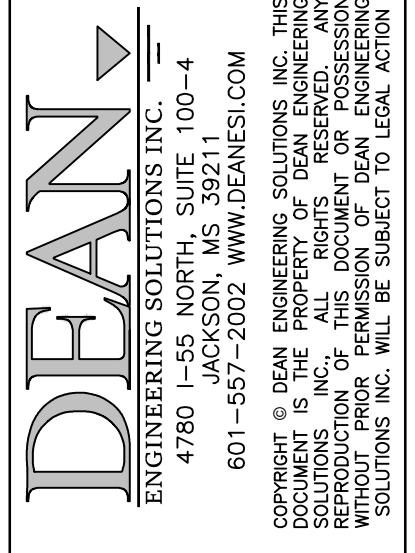
Sheet Number

P-4



SCWA# 24-022
Scott C. Woods and Associates

 112 Lone Wolf Dr., Madison, Ms 39110
 Ph. (601)859-9864/Fax (601)859-2564/Email www.scweng.com



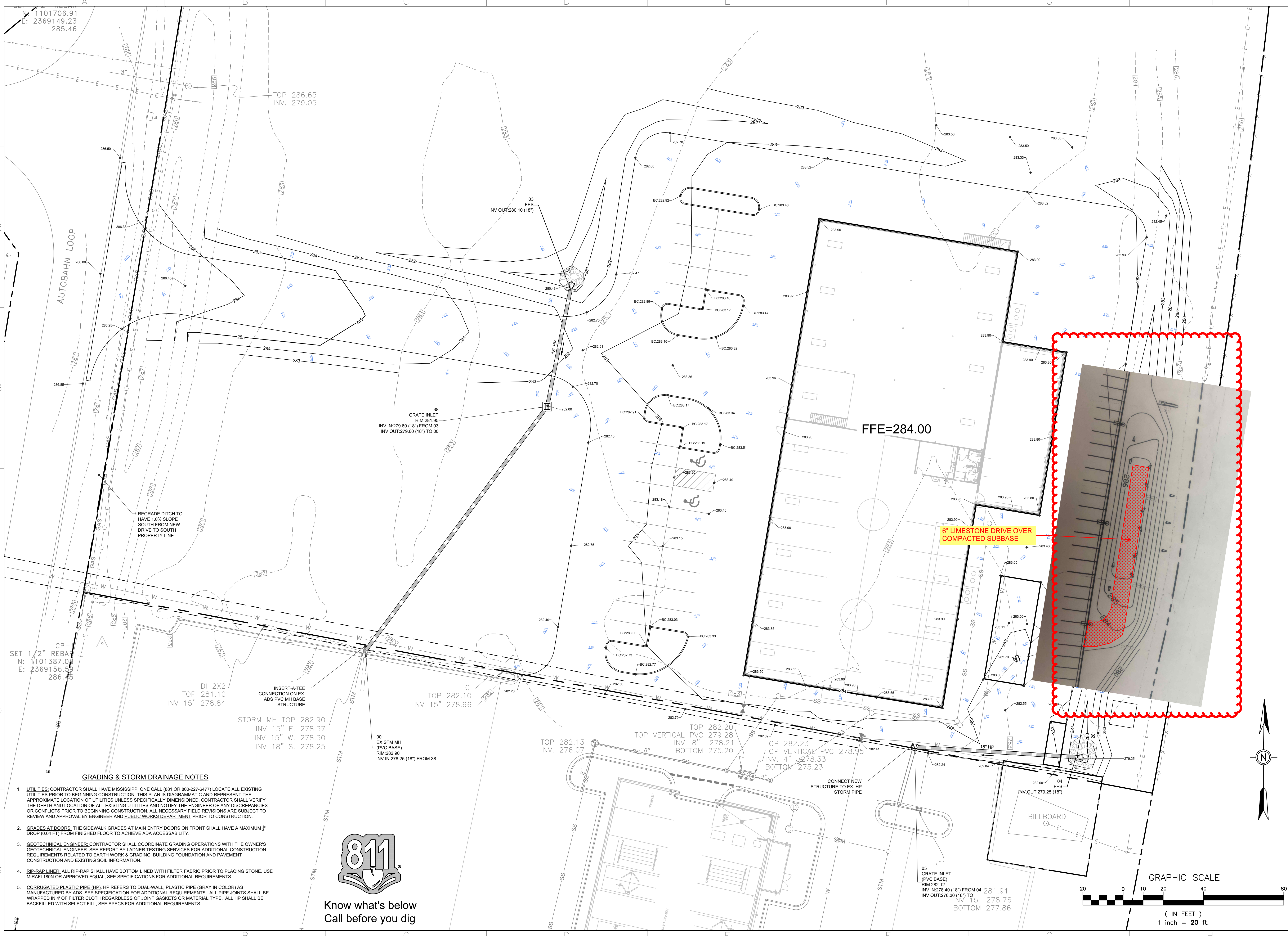
No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK
AUTBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE:
GRADING PLAN
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
5

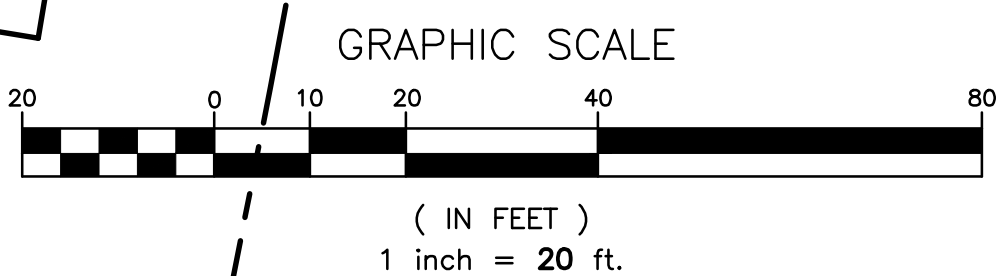


GRADING & STORM DRAINAGE NOTES

- UTILITIES: CONTRACTOR SHALL HAVE MISSISSIPPI ONE CALL (881 OR 800-227-6477) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THIS PLAN IS DIAGRAMMATIC AND REPRESENT THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. 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 AND PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION.
- GRADES AT DOORS: THE SIDEWALK GRADES AT MAIN ENTRY DOORS ON FRONT SHALL HAVE A MAXIMUM 1/4" DROP (0.04 FT) FROM FINISHED FLOOR TO ACHIEVE ADA ACCESSIBILITY.
- GEOTECHNICAL ENGINEER: CONTRACTOR SHALL COORDINATE GRADING OPERATIONS WITH THE OWNER'S GEOTECHNICAL ENGINEER. SEE REPORT BY LADNER TESTING SERVICES FOR ADDITIONAL CONSTRUCTION REQUIREMENTS RELATED TO EARTH WORK & GRADING, BUILDING FOUNDATION AND PAVEMENT CONSTRUCTION AND EXISTING SOIL INFORMATION.
- RIP-RAP LINER: ALL RIP-RAP SHALL HAVE BOTTOM LINED WITH FILTER FABRIC PRIOR TO PLACING STONE. USE MIRAFI 180N OR APPROVED EQUAL. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CORRUGATED PLASTIC PIPE (HP): HP REFERS TO DUAL-WALL, PLASTIC PIPE (GRAY IN COLOR) AS MANUFACTURED BY ADS. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS. ALL PIPE JOINTS SHALL BE WRAPPED IN 4" OF FILTER CLOTH REGARDLESS OF JOINT GASKETS OR MATERIAL TYPE. ALL HP SHALL BE BACKFILLED WITH SELECT FILL. SEE SPECS FOR ADDITIONAL REQUIREMENTS.



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PEOPLES CONSTRUCTION CORP.

3913 UNDERWOOD DRIVE
FLOWOOD, MS 39232
(601) 932-1111

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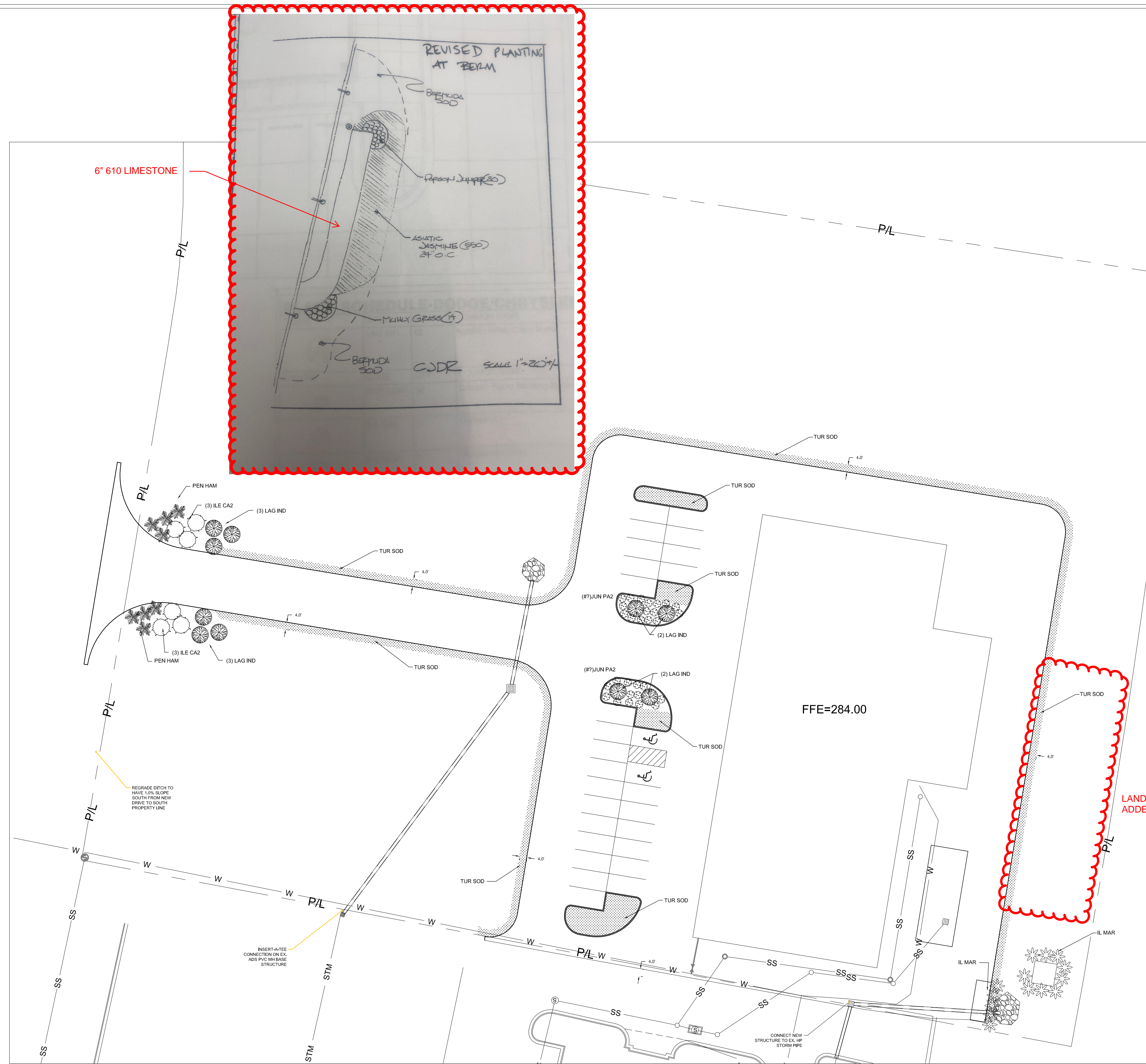
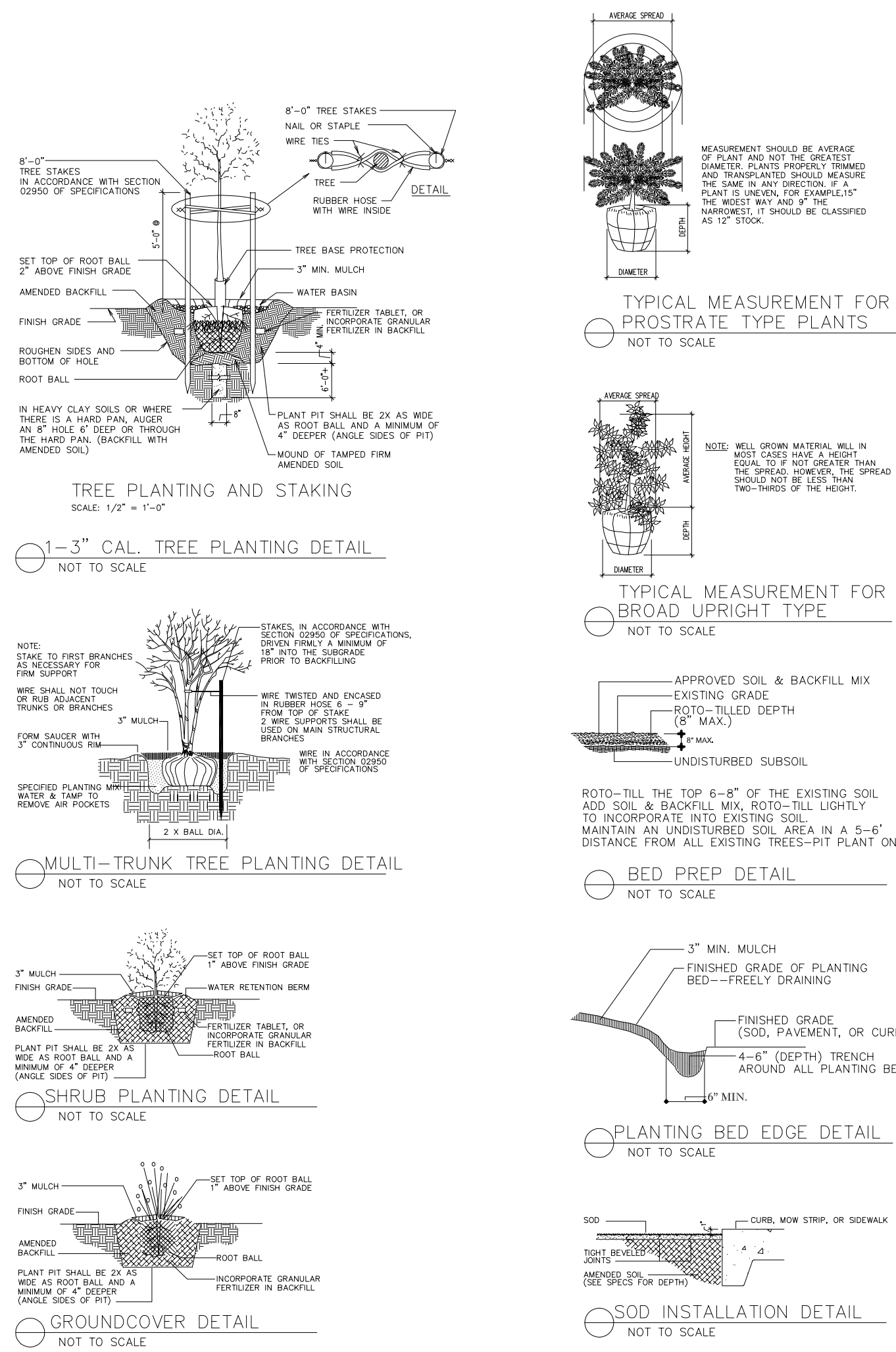
03/19/2024

A PROPOSED LANDSCAPE PLAN FOR:
MAC HAIK, GLUCKSTADT
GLUCKSTADT, MISSISSIPPI

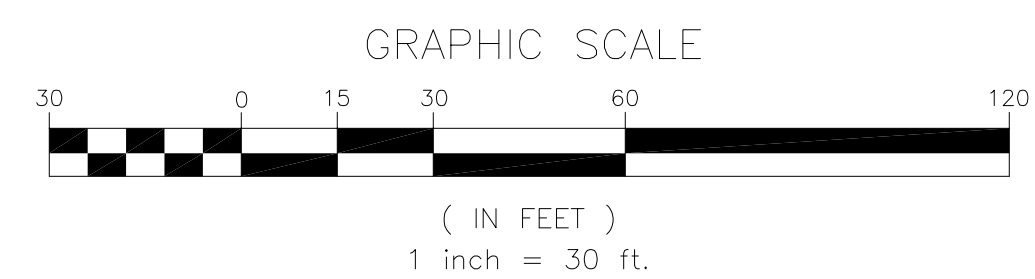
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Checked by: JP

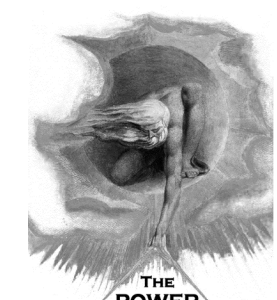
SHEET L-1

DODGE CHRYSLER PLANT SCHEDULE			
TREE	CODE	QTY.	COMMON NAME
	ILE CA2	6	CARRISSA HOLLY
	LAG IND	10	NATCHEZ WHITE CREPE MYRTLE
	PEN HAM	8	HAMELIN DWARF FOUNTAIN GRASS
	JUN PA2	?	PARSONS JUNIPER
	IL MAR	14	NEEDLEPOINT HOLLY
	TUR SOD	4,500 SQ.FT.	TIFWAY 419 BERMUDA
	CYN DAC	DISTURBED AREA	HYBRID BERMUDA GRASS SEED



LANDSCAPE PLAN
SCALE 1" = 30'-0"

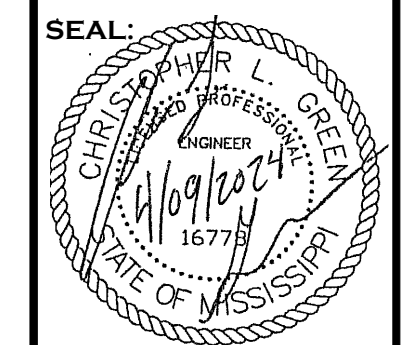




945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 24039



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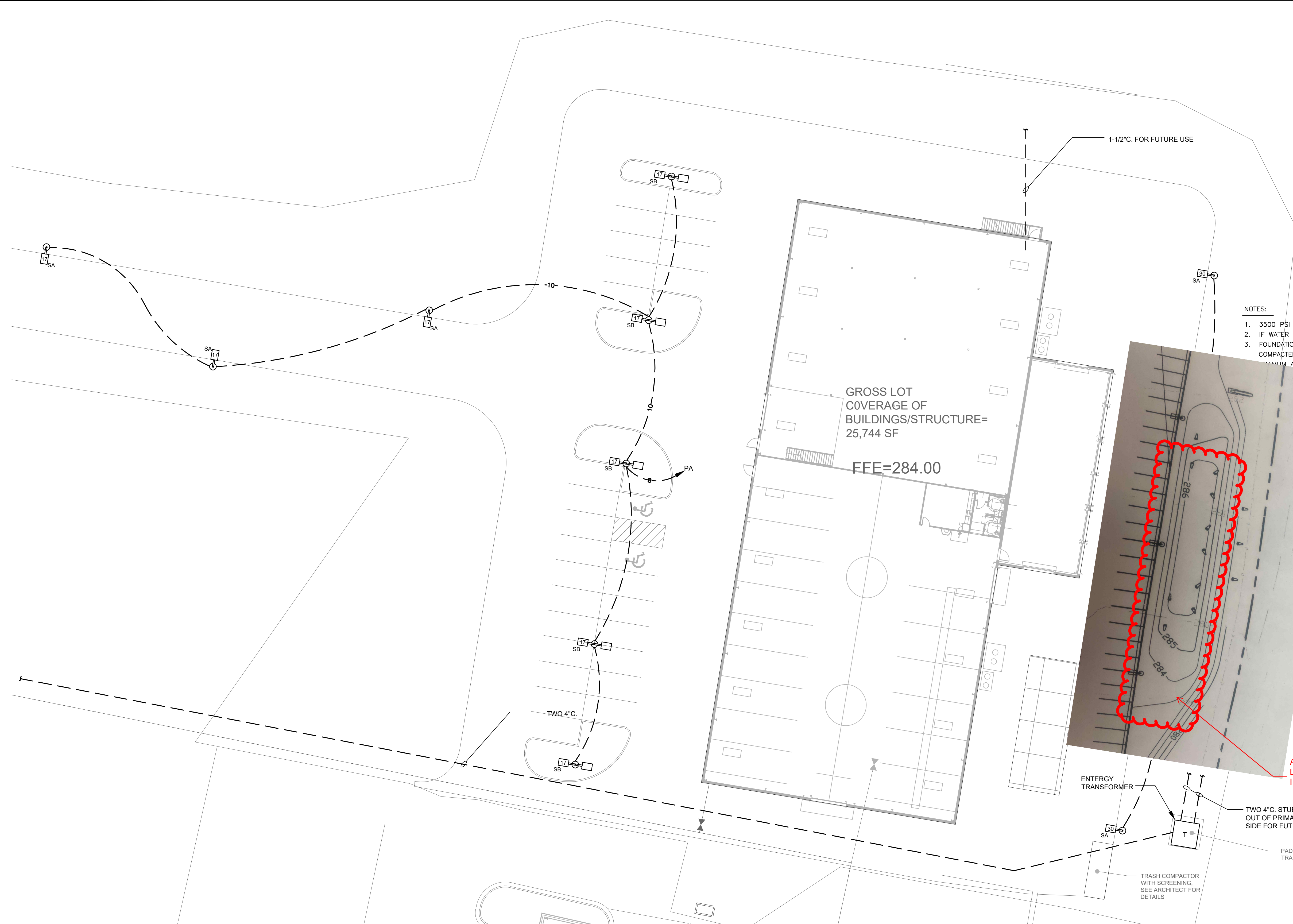


REVISIONS:

**MAC HAIK SERVICE CENTER
GLUCKSTADT, MS**

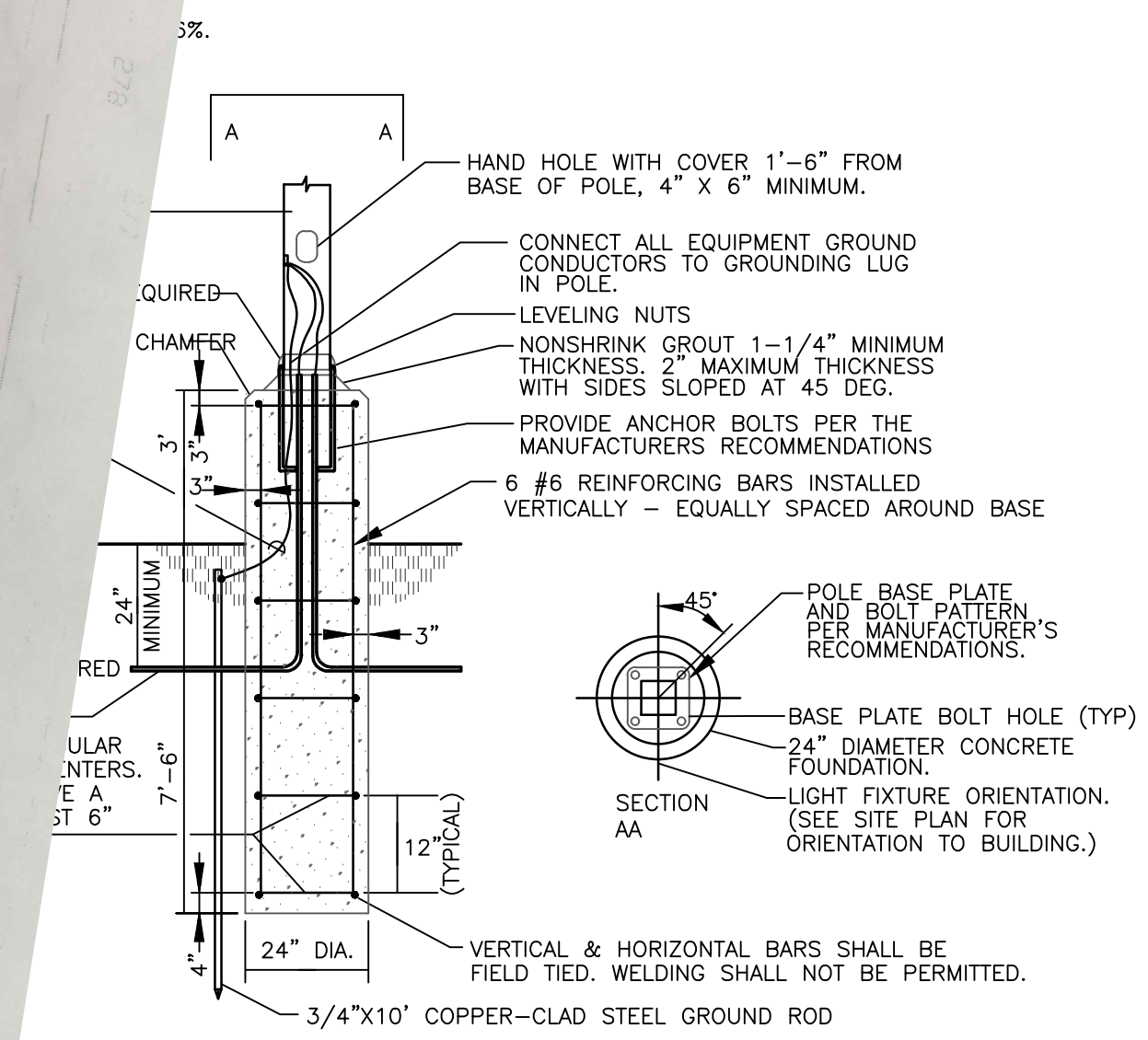
DRAWN BY: CTB
CHECKED BY: CLG
DATE: 4/9/2024

SHEET:
E002



NOTES:

1. 3500 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BARS.
 2. IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
 3. FOUNDATION EXCAVATION SHALL BE BY 24" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL.
- MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING



2
E002 **ROUND POLE BASE DETAIL**
Scale: NONE

ADD (9) GROUND MOUNTED SITE LIGHTING TO LIGHT UP DISPLAY INVENTORY ON BERM

1
E002 **SITE PLAN**
Scale: 1" = 20'-0"

City of Gluckstadt

Application for Site Plan Review

Subject Property Address: TBD by E911. Adjacent Address is 150 Autobahn Loop, Madison, MS 39110

Parcel #: 39110082E-21 -016/19.00

Owner: MH Canton CDJR Realty LTD

Applicant: Peoples Construction

Address: 11757 Katy Freeway #1300
Houston, Tx 77079

Address: 3913 Underwood Drive
Flowood, MS 39232

Phone #: _____

Phone #: 601-932-1111

E-Mail: _____

E-Mail: alex@peoplesconstruction.com

Current Zoning District: C-2

Acreage of Property (If applicable): 4.11 acres

Use sought of Property: Indoor vehicle service / Enclosed warehouse

2024037

208

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.



Applicant Signature

 3/1/2024
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)

MAC HAIK

NEW SERVICE BUILDING

PROPOSED COMMERCIAL SITE DEVELOPMENT

AUTOBAHN LOOP

GLUCKSTADT, MS 39110

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 REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

DRAWING ISSUED

OWNER:
MAC HAIK
AUTOBAHN LOOP
GLUCKSTADT, MS 39110

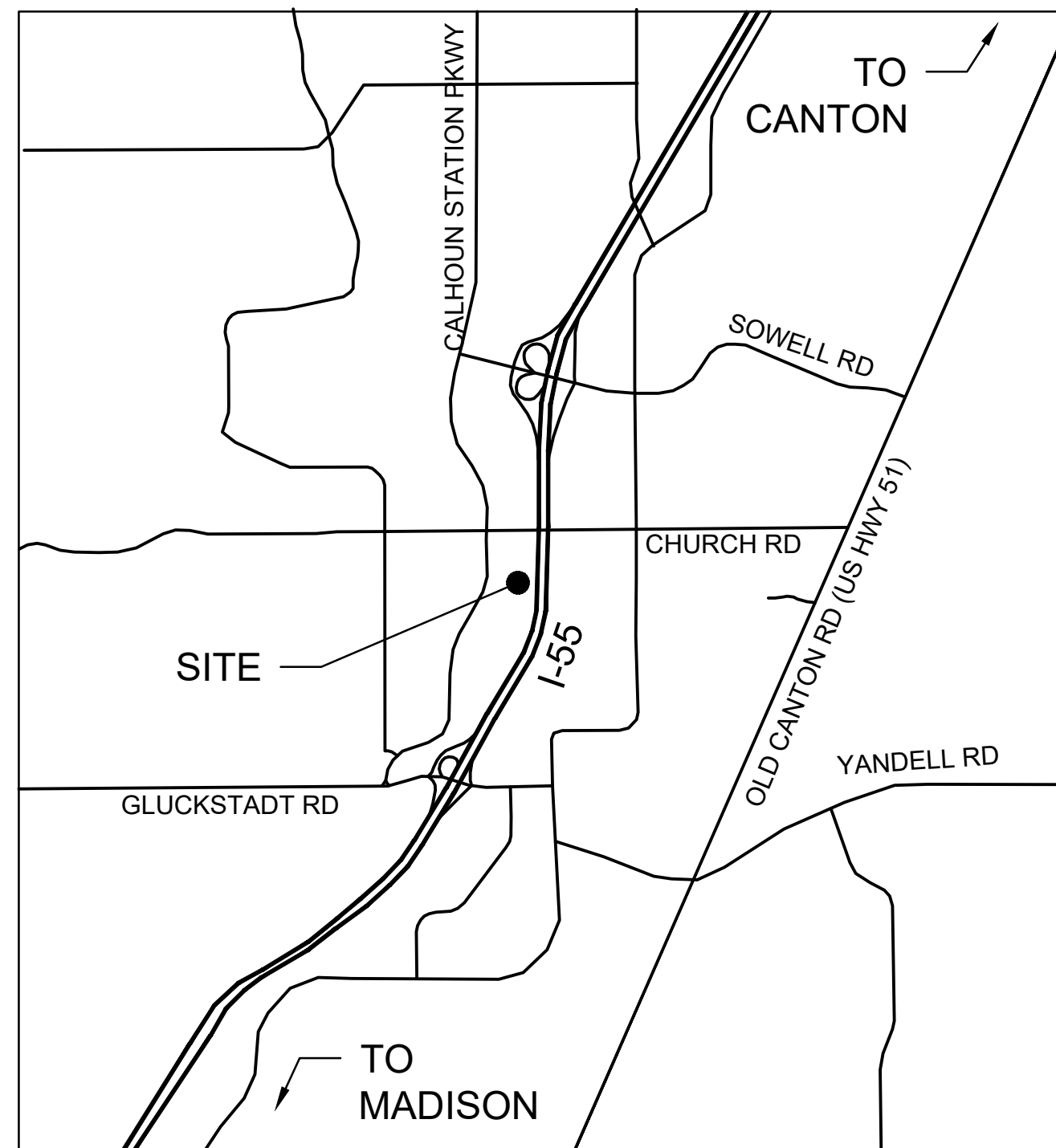
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SHEET TITLE:
COVER

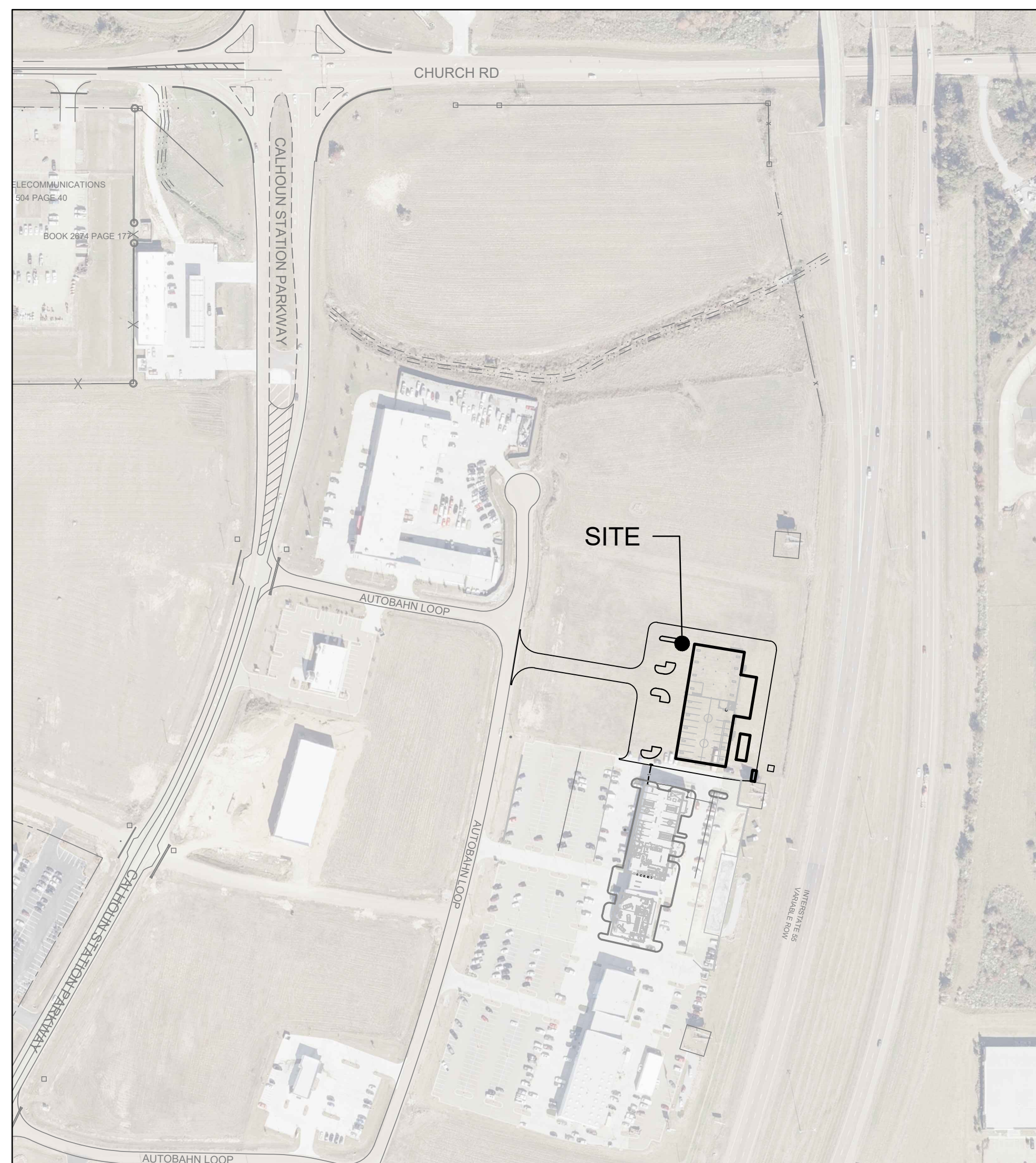
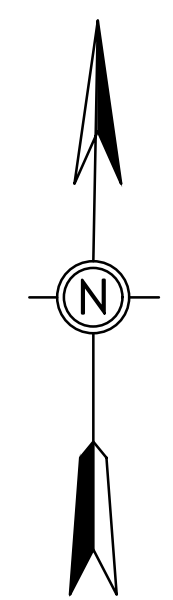
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

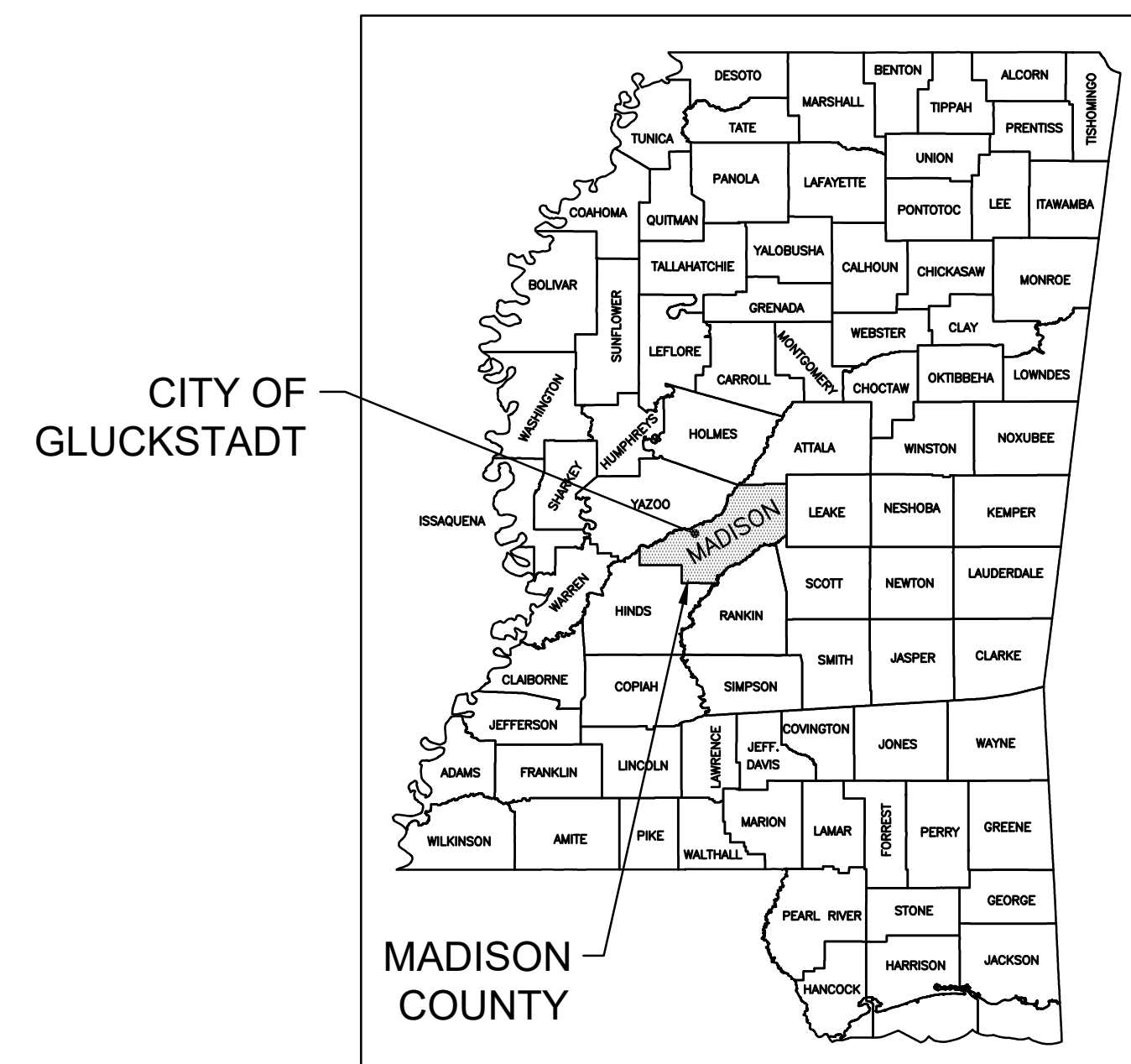
SHEET NUMBER:
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CITY LOCATION



STREET LOCATION

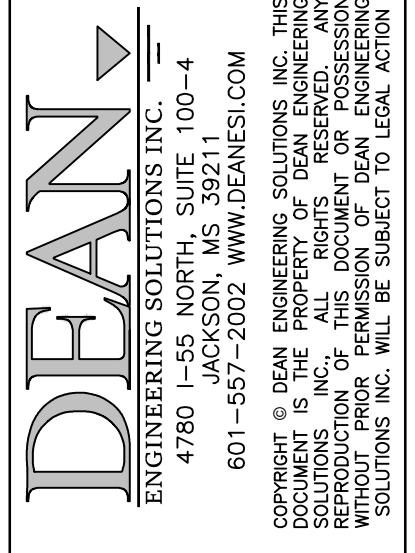


STATE LOCATION

- TABLE OF CONTENTS
- COVER
 - EXISTING CONDITIONS & DEMO PLAN
 - SITE PLAN
 - UTILITY PLAN
 - GRADING PLAN
 - EROSION CONTROL PLAN (SWPPP)
 - DETAILS



Know what's below
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No.	Description	Date
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DRAWING ISSUED

OWNER:
MAC HAIK

AUTOBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**

SHEET TITLE:
EXISTING CONDITIONS & DEMO PLAN

SITE DEVELOPMENT

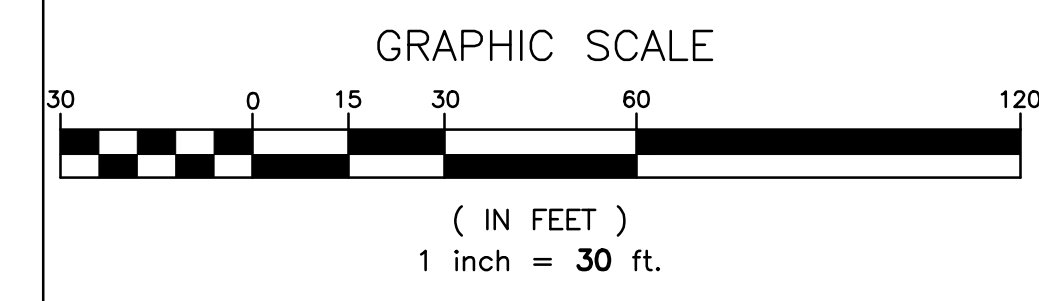
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DATE: 05 FEB 2024
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REVIEWED BY: WSD

SHEET NUMBER:
2



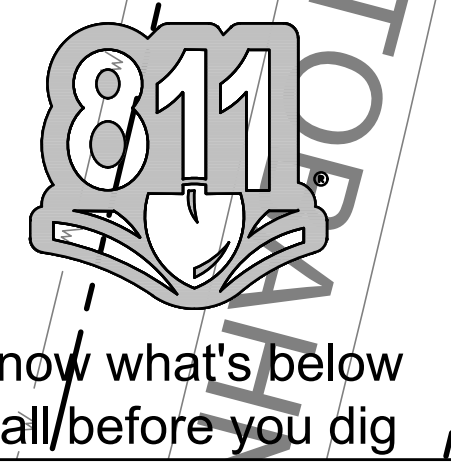
DRAWING SYMBOL LEGEND

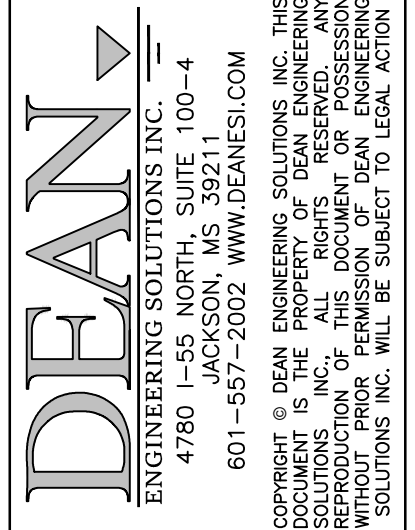
EXISTING	DESCRIPTION
— E —	OVERHEAD POWER LINE
— SS —	SANITARY SEWER LINE
— W —	WATER LINE
-X-X-	FENCE LINE
— STM —	STORM LINE
---	PROPERTY LINE
— 400 —	MAJOR CONTOUR LINE
— 401 —	MINOR CONTOUR LINE
⊙	SANITARY SEWER MANHOLE



SURVEY NOTES:

1. 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.





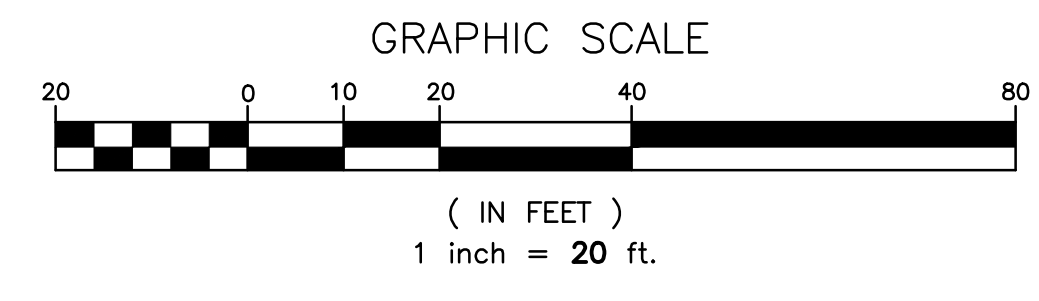
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AUTBAHN LOOP
GLUCKSTADT, MS 39110

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SHEET TITLE:
SITE PLAN
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
3

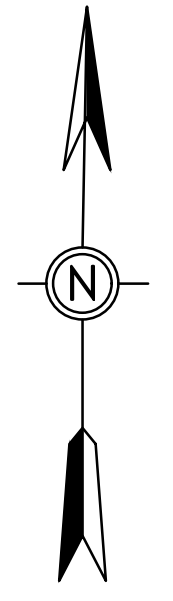
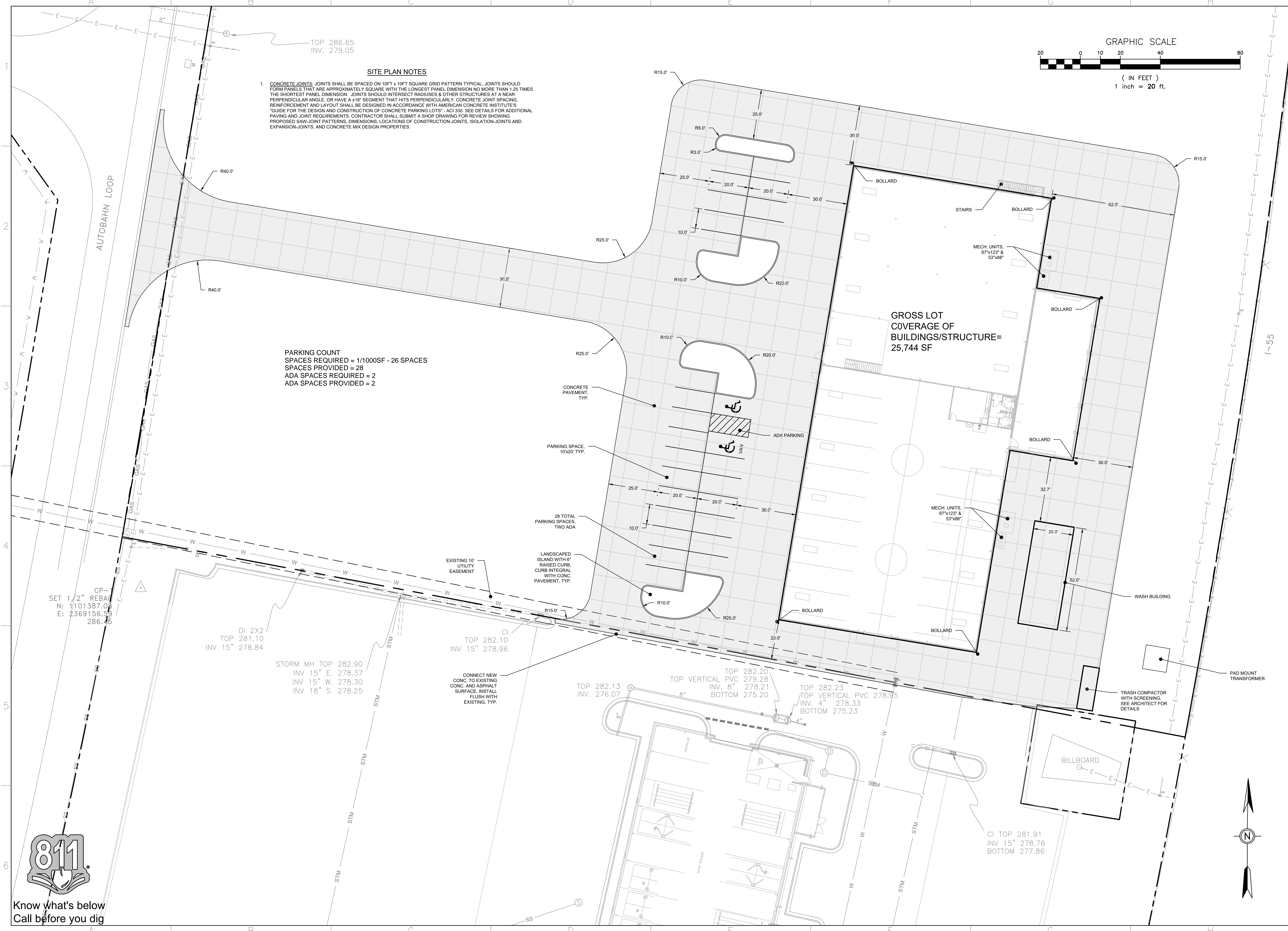


SITE PLAN NOTES

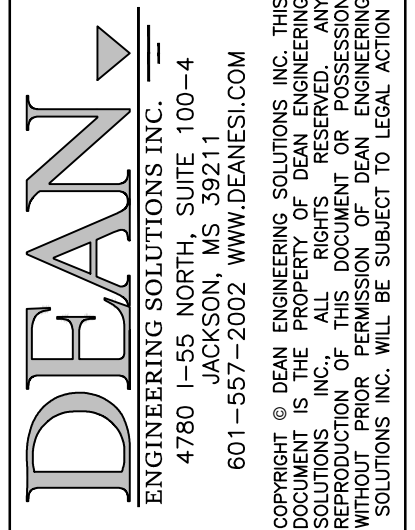
1. CONCRETE JOINTS: JOINTS SHALL BE SPACED ON 10FT x 10FT SQUARE GRID PATTERN TYPICAL. JOINTS SHOULD FORM PANELS THAT ARE APPROXIMATELY SQUARE WITH THE LONGEST PANEL DIMENSION NO MORE THAN 1.25 TIMES THE SHORTEST PANEL DIMENSION. JOINTS SHOULD INTERSECT RADIUSES & OTHER STRUCTURES AT A NEAR PERPENDICULAR 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 330. 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.

PARKING COUNT
SPACES REQUIRED = 1/1000SF - 26 SPACES
SPACES PROVIDED = 28
ADA SPACES REQUIRED = 2
ADA SPACES PROVIDED = 2

GROSS LOT COVERAGE OF BUILDINGS/STRUCTURE = 25,744 SF



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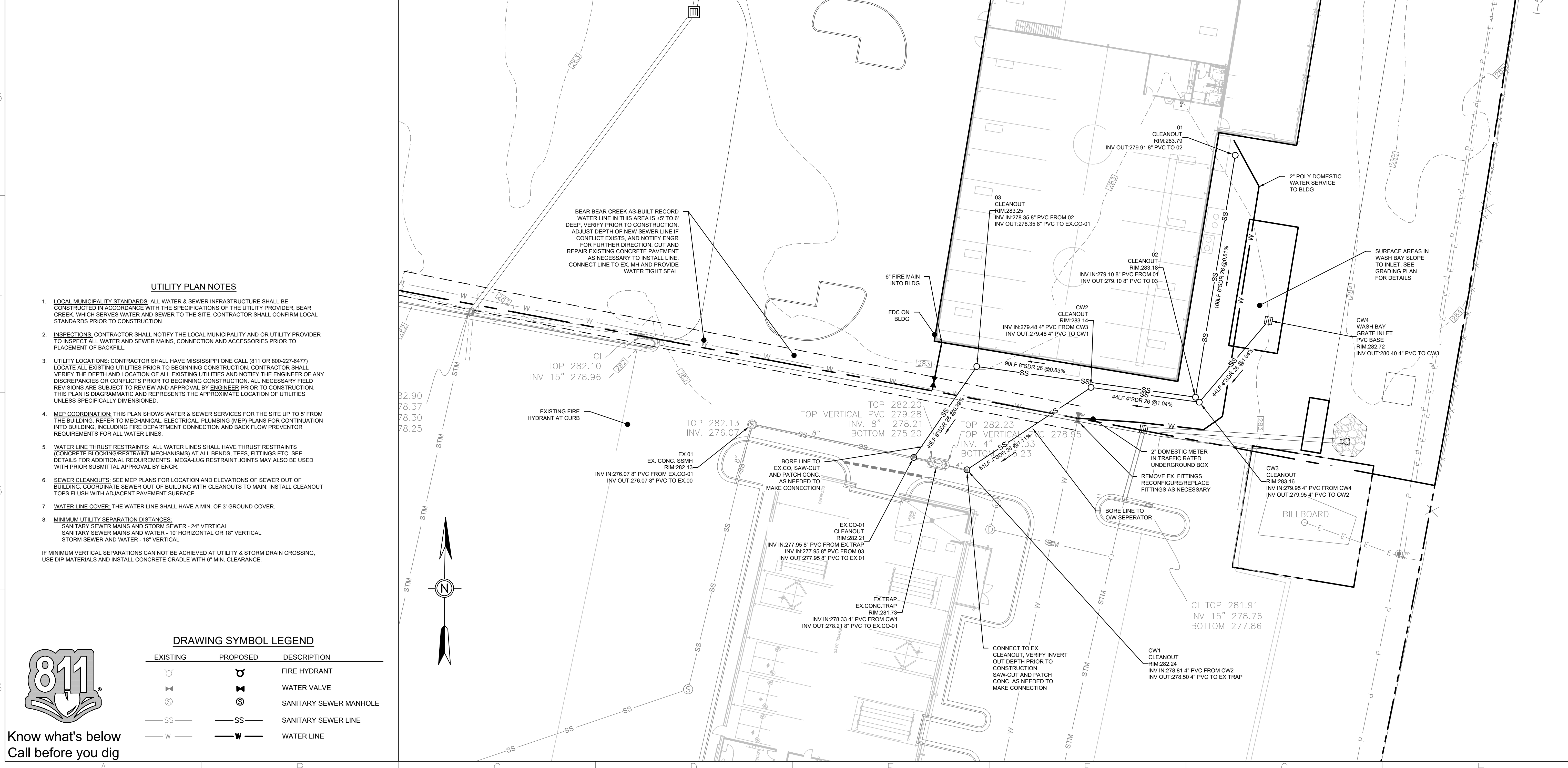
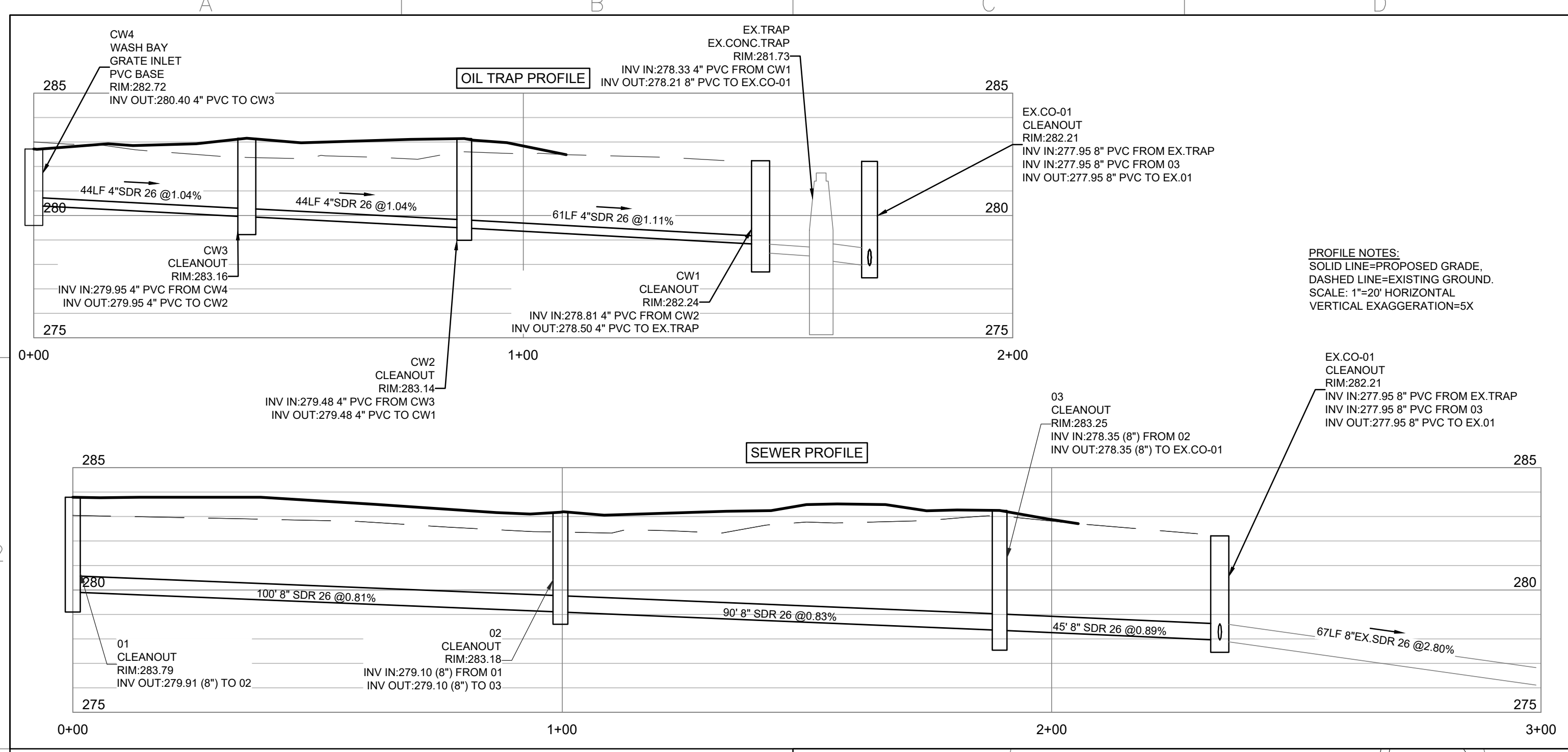
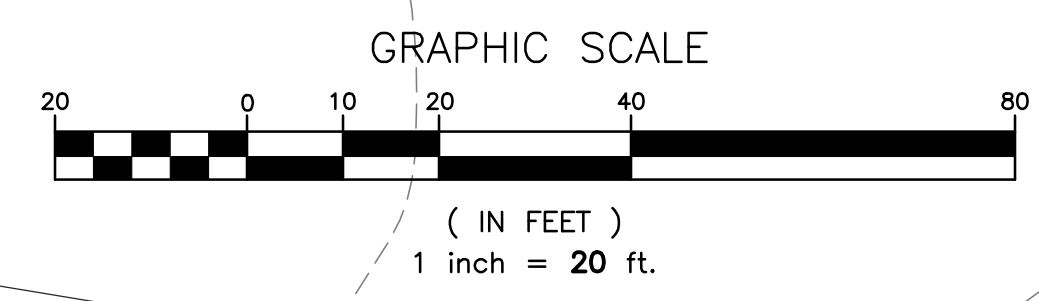
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	Description	PLANS SUBMITTED FOR REVIEW		
	No.	2	Date	03-12-2024
			PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK
AUTUBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE: **UTILITY PLAN**
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
4



UTILITY PLAN NOTES

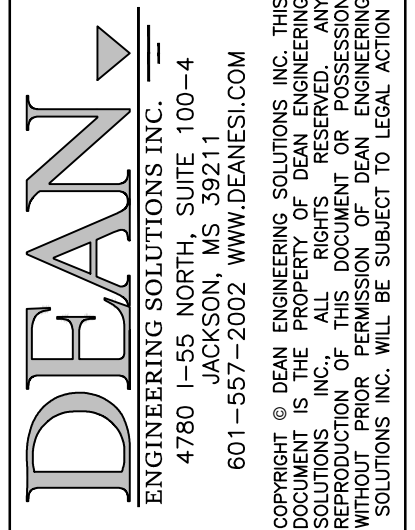
- LOCAL MUNICIPALITY STANDARDS: ALL WATER & SEWER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE UTILITY PROVIDER, BEAR CREEK, WHICH SERVES WATER AND SEWER TO THE SITE. CONTRACTOR SHALL CONFIRM LOCAL STANDARDS PRIOR TO CONSTRUCTION.
- INSPECTIONS: CONTRACTOR SHALL NOTIFY THE LOCAL MUNICIPALITY AND OR UTILITY PROVIDER TO INSPECT ALL WATER AND SEWER MAINS, CONNECTION AND ACCESSORIES PRIOR TO PLACEMENT OF BACKFILL.
- UTILITY LOCATIONS: CONTRACTOR SHALL HAVE MISSISSIPPI ONE CALL (811 OR 800-227-6477) 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 REVISONS 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.
- 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, INCLUDING FIRE DEPARTMENT CONNECTION AND BACK FLOW PREVENTOR REQUIREMENTS FOR ALL WATER LINES.
- WATER LINE THRUST RESTRAINTS: ALL WATER LINES SHALL HAVE THRUST RESTRAINTS (CONCRETE BLOCKING/RESTRAINT MECHANISMS) AT ALL BENDS, TEES, FITTINGS ETC. SEE DETAILS FOR ADDITIONAL REQUIREMENTS. MEGA-LUG RESTRAINT JOINTS MAY ALSO BE USED WITH PRIOR SUBMITTAL APPROVAL BY ENGR.
- SEWER CLEANOUTS: SEE MEP PLANS FOR LOCATION AND ELEVATIONS OF SEWER OUT OF BUILDING. COORDINATE SEWER OUT OF BUILDING WITH CLEANOUTS TO MAIN. INSTALL CLEANOUT 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.

DRAWING SYMBOL LEGEND

EXISTING	PROPOSED	DESCRIPTION
		FIRE HYDRANT
		WATER VALVE
		SANITARY SEWER MANHOLE
		SANITARY SEWER LINE
		WATER LINE



Know what's below
Call before you dig



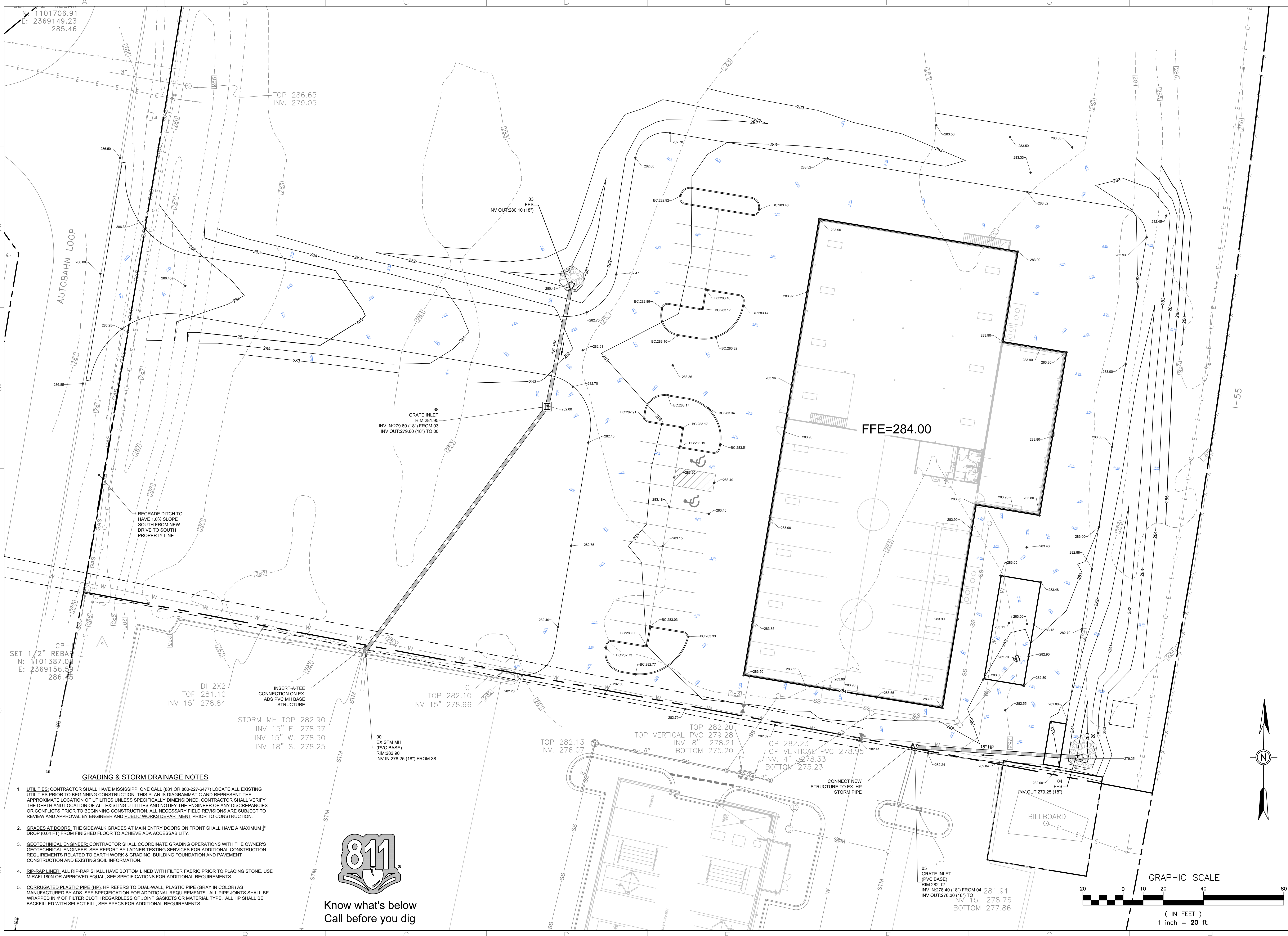
No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK
AUTBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE:
GRADING PLAN
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

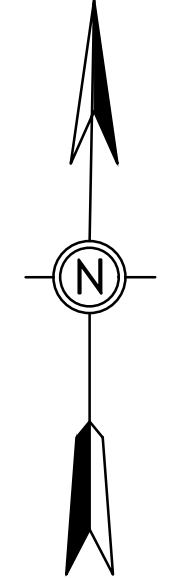
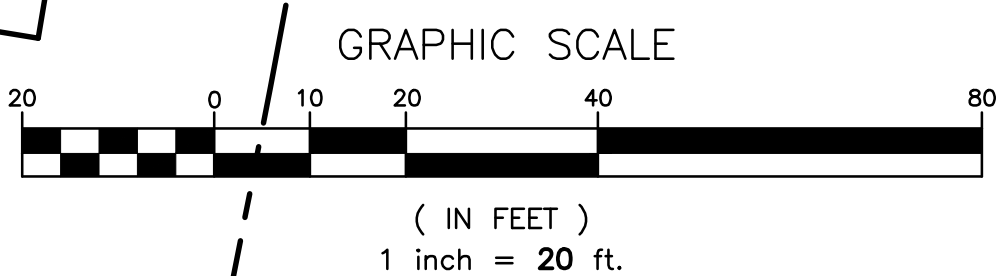
SHEET NUMBER:
5



- GRADING & STORM DRAINAGE NOTES**
- UTILITIES: CONTRACTOR SHALL HAVE MISSISSIPPI ONE CALL (881 OR 800-227-6477) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THIS PLAN IS DIAGRAMMATIC AND REPRESENT THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. 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 AND PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION.
 - GRADES AT DOORS: THE SIDEWALK GRADES AT MAIN ENTRY DOORS ON FRONT SHALL HAVE A MAXIMUM 1/4" DROP (0.04 FT) FROM FINISHED FLOOR TO ACHIEVE ADA ACCESSIBILITY.
 - GEOTECHNICAL ENGINEER: CONTRACTOR SHALL COORDINATE GRADING OPERATIONS WITH THE OWNER'S GEOTECHNICAL ENGINEER. SEE REPORT BY LADNER TESTING SERVICES FOR ADDITIONAL CONSTRUCTION REQUIREMENTS RELATED TO EARTH WORK & GRADING, BUILDING FOUNDATION AND PAVEMENT CONSTRUCTION AND EXISTING SOIL INFORMATION.
 - RIP-RAP LINER: ALL RIP-RAP SHALL HAVE BOTTOM LINED WITH FILTER FABRIC PRIOR TO PLACING STONE. USE MIRAFI 180N OR APPROVED EQUAL. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - CORRUGATED PLASTIC PIPE (HP): HP REFERS TO DUAL-WALL, PLASTIC PIPE (GRAY IN COLOR) AS MANUFACTURED BY ADS. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS. ALL PIPE JOINTS SHALL BE WRAPPED IN 4" OF FILTER CLOTH REGARDLESS OF JOINT GASKETS OR MATERIAL TYPE. ALL HP SHALL BE BACKFILLED WITH SELECT FILL. SEE SPECS FOR ADDITIONAL REQUIREMENTS.



Know what's below
Call before you dig





Know what's below
Call before you dig

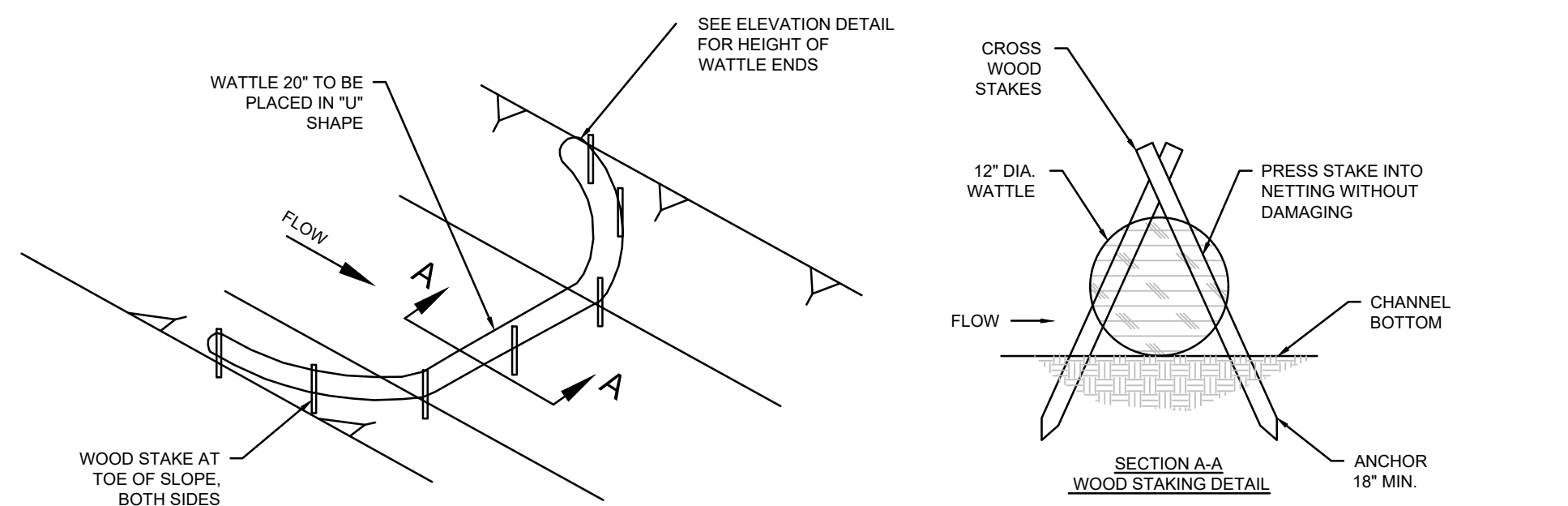


EROSION CONTROL PLAN NOTES

- TOTAL DISTURBED SITE AREA = 3.00 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

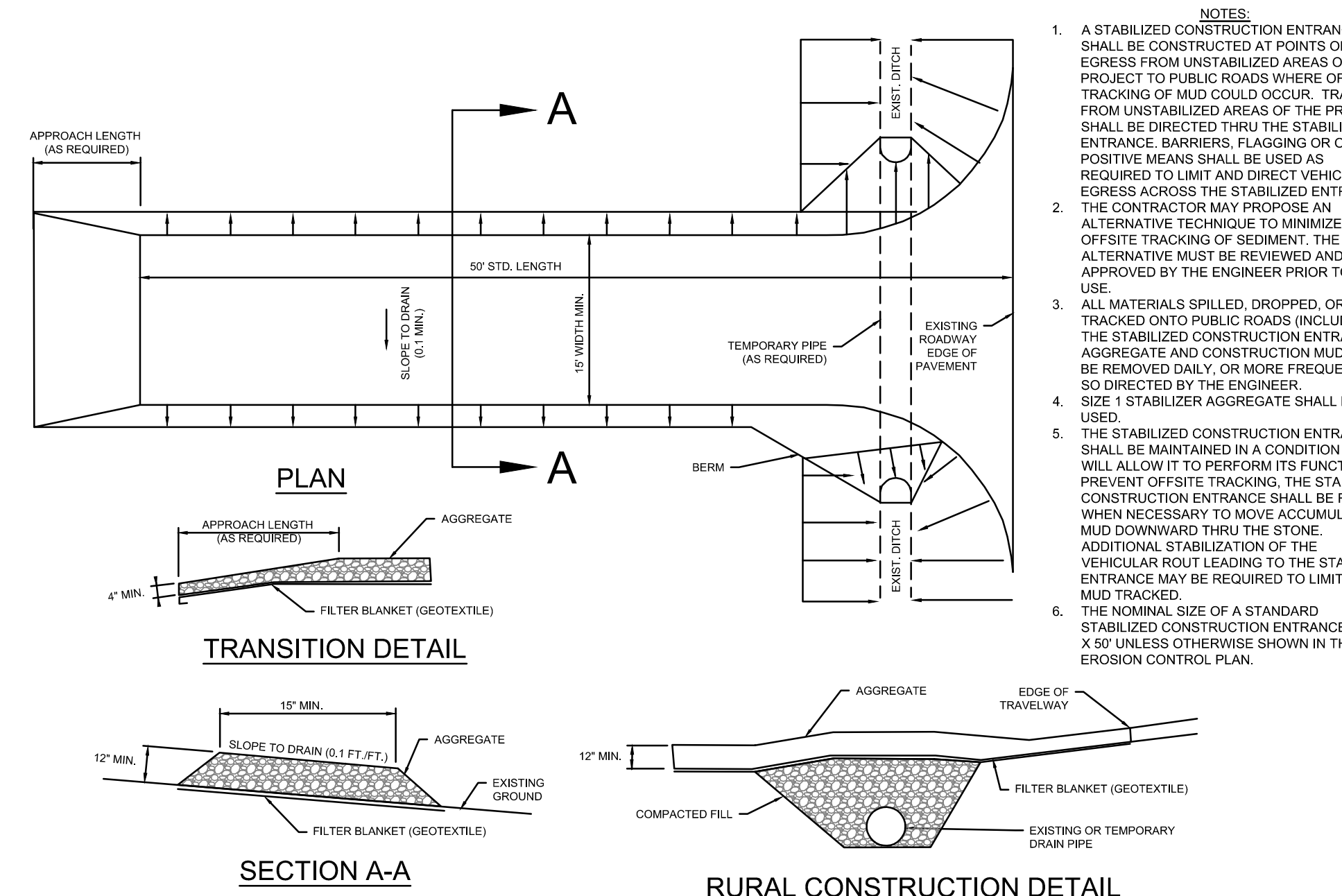
PROPOSED	DESCRIPTION
	SILT FENCE PROTECTION
	LIMITS OF DISTURBANCE
	WATTLE CHECK DAM/INLET PROTECTION



DETAILS OF EROSION CONTROL WATTLE DITCH CHECK (MDOT WORKING NO. ECD-6)

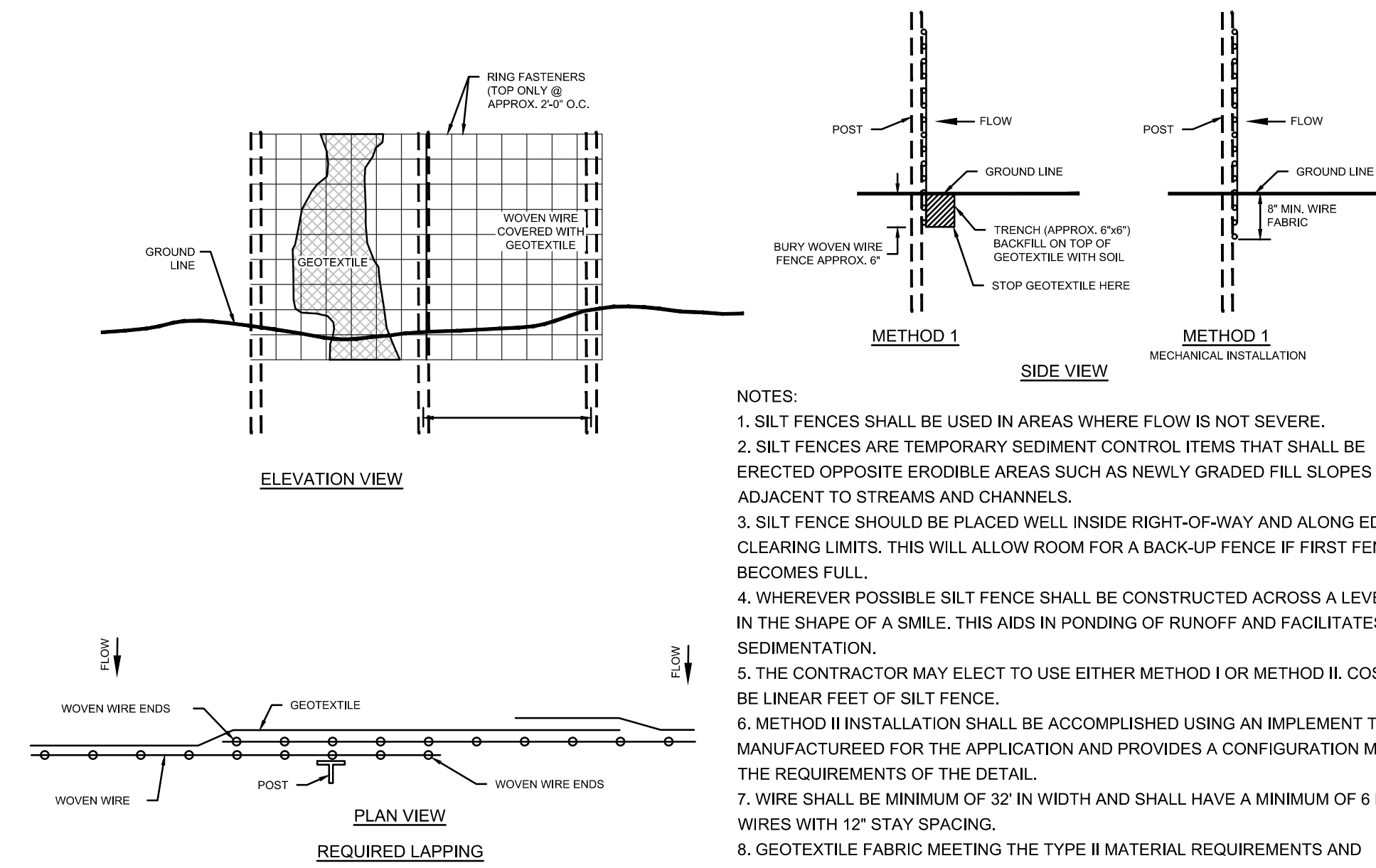
- NOTES:**
- MIN. RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4.
 - ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 - TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
 - WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECK SELECTION GUIDELINES:
WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.



DETAILS OF STABILIZED CONSTRUCTION ENTRANCE (MDOT WORKING NO. ECD-15)

- NOTES:**
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE PROJECT SHALL BE DIRECTED THRU THE STABILIZED ENTRANCE. BARRIERS, FLAGGING OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STABILIZED ENTRANCE.
 - THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ITS USE.
 - ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER.
 - SIZE 1 STABILIZER AGGREGATE SHALL BE USED.
 - THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION TO PREVENT OFFSITE TRACKING. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE RINSED WHEN NECESSARY TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUT LEADING TO THE STABILIZED ENTRANCE MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
 - THE NOMINAL SIZE OF A STANDARD STABILIZED CONSTRUCTION ENTRANCE IS 15' X 50' UNLESS OTHERWISE SHOWN IN THE EROSION CONTROL PLAN.



DETAILS OF SILT FENCE INSTALLATION (MDOT WORKING NO. ECD-3)

- NOTES:**
- SILT FENCES SHALL BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
 - SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERRECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 - SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
 - WHEREVER POSSIBLE SILT FENCE SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
 - THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
 - METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 - WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 - GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.

Section 9, Item C)

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

03-12-2024

DRAWING ISSUED

No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK

AUTOBAHN LOOP
GLUCKSTADT, MS 39110

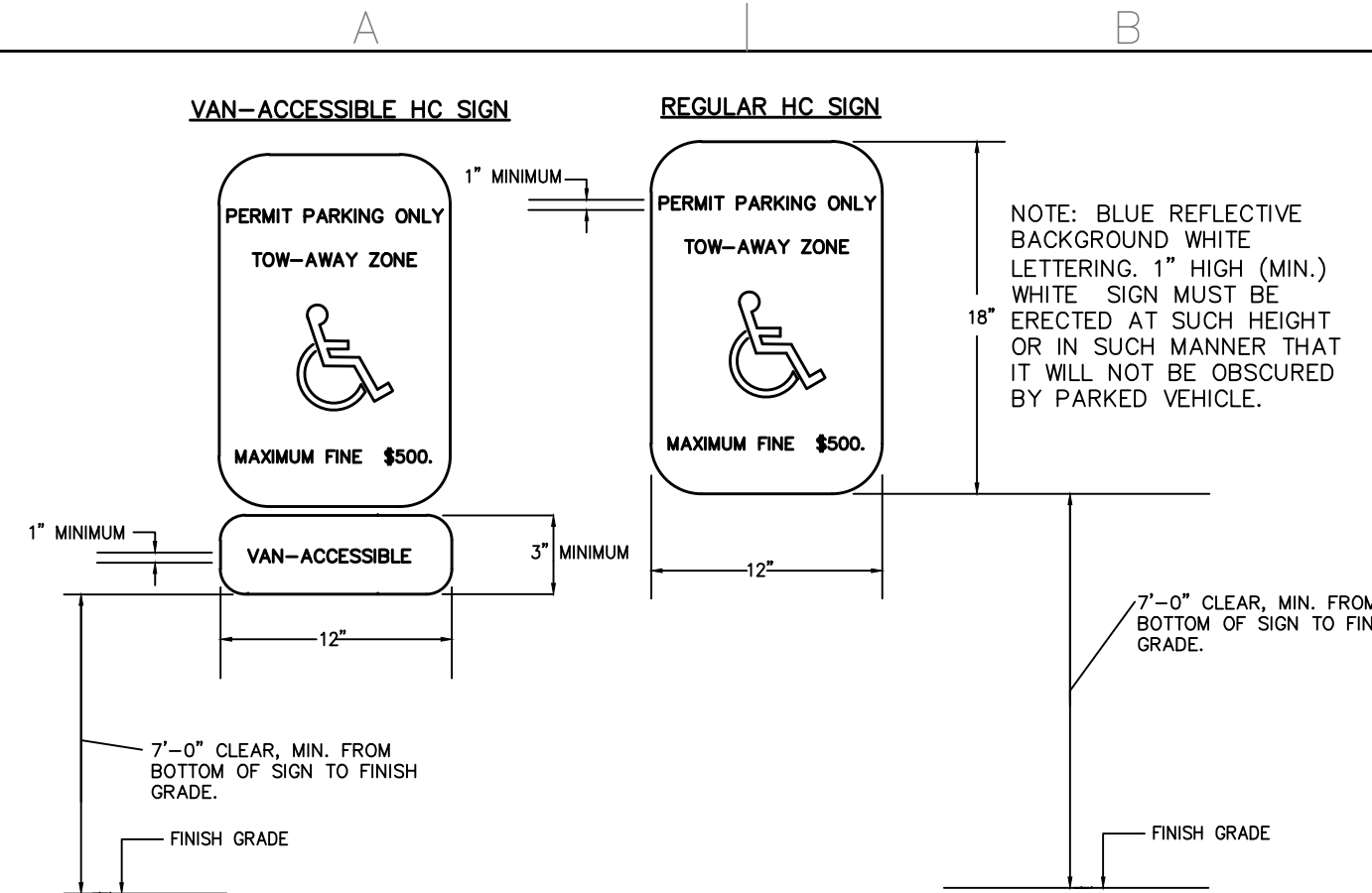
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SHEET TITLE: EROSION CONTROL PLAN (SWPPP)

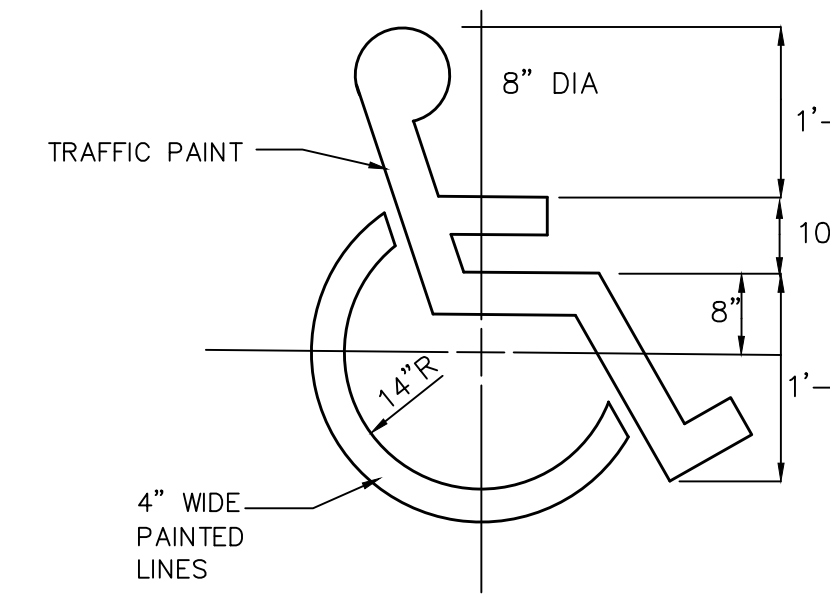
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JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

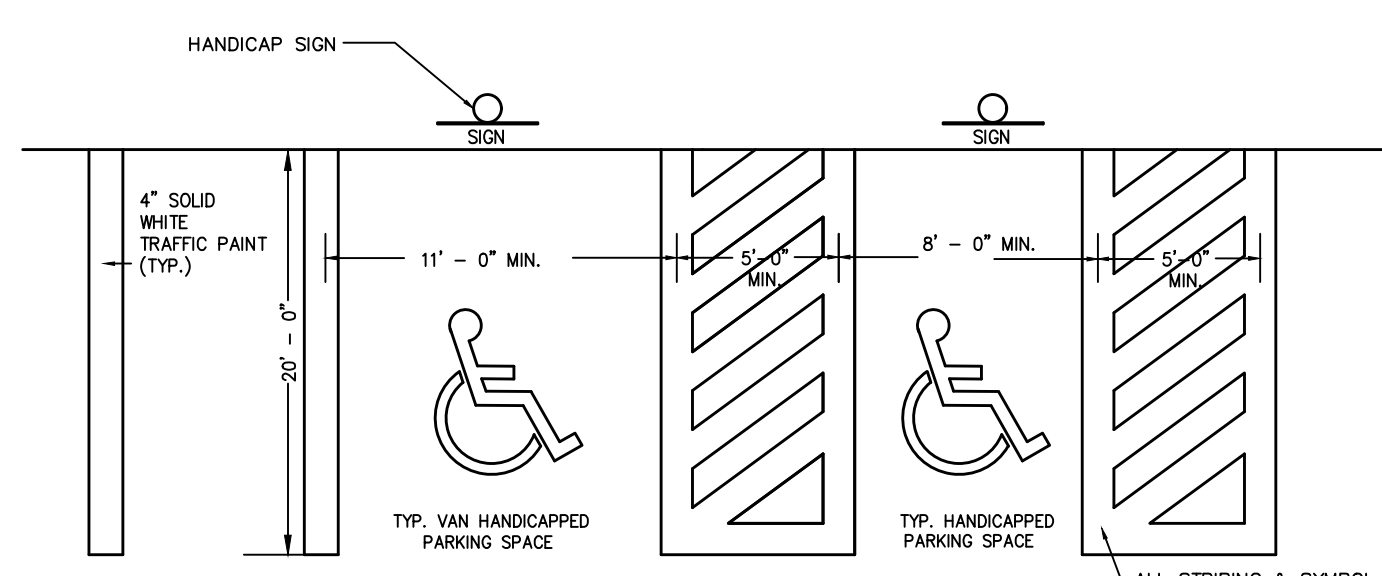
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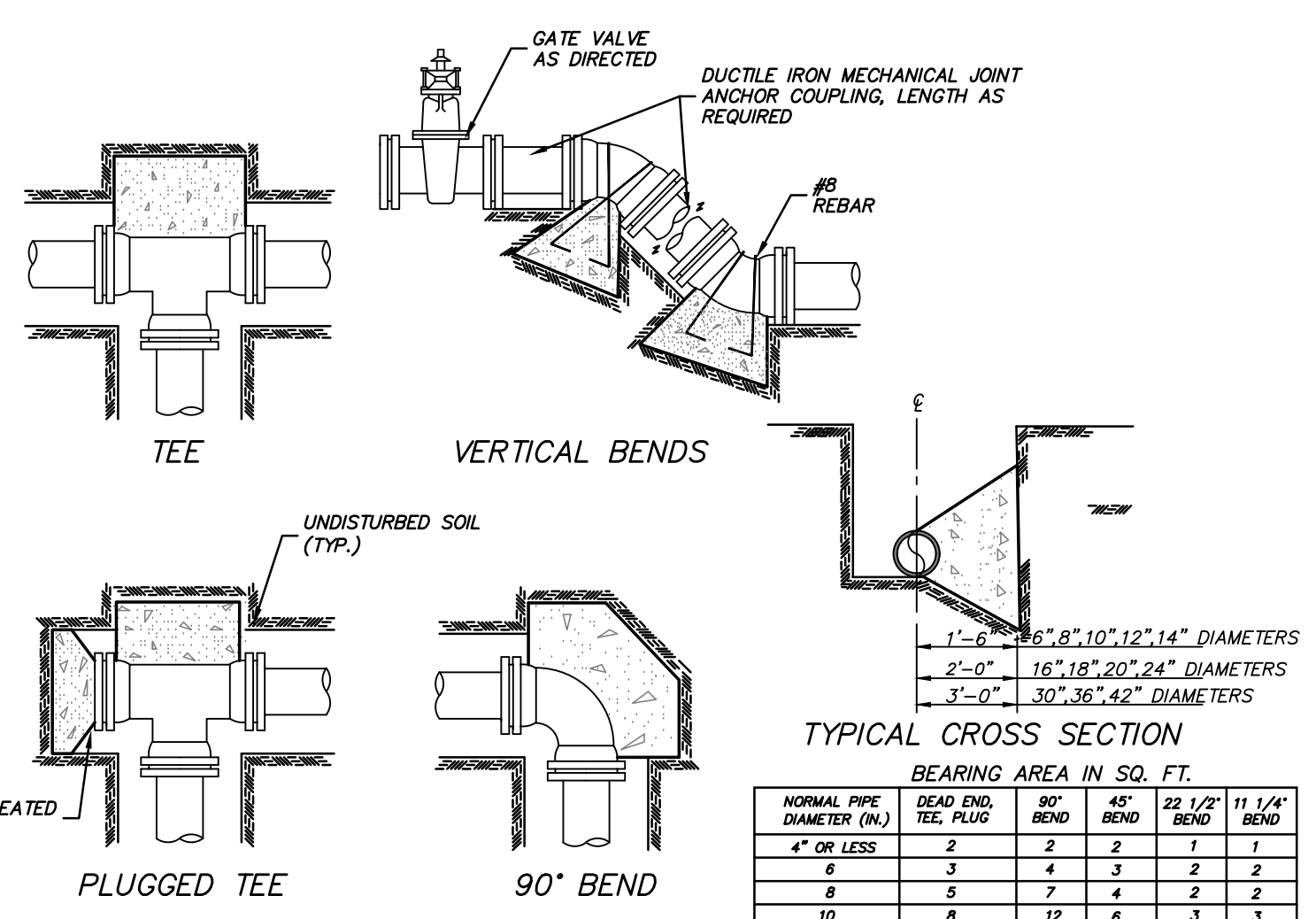
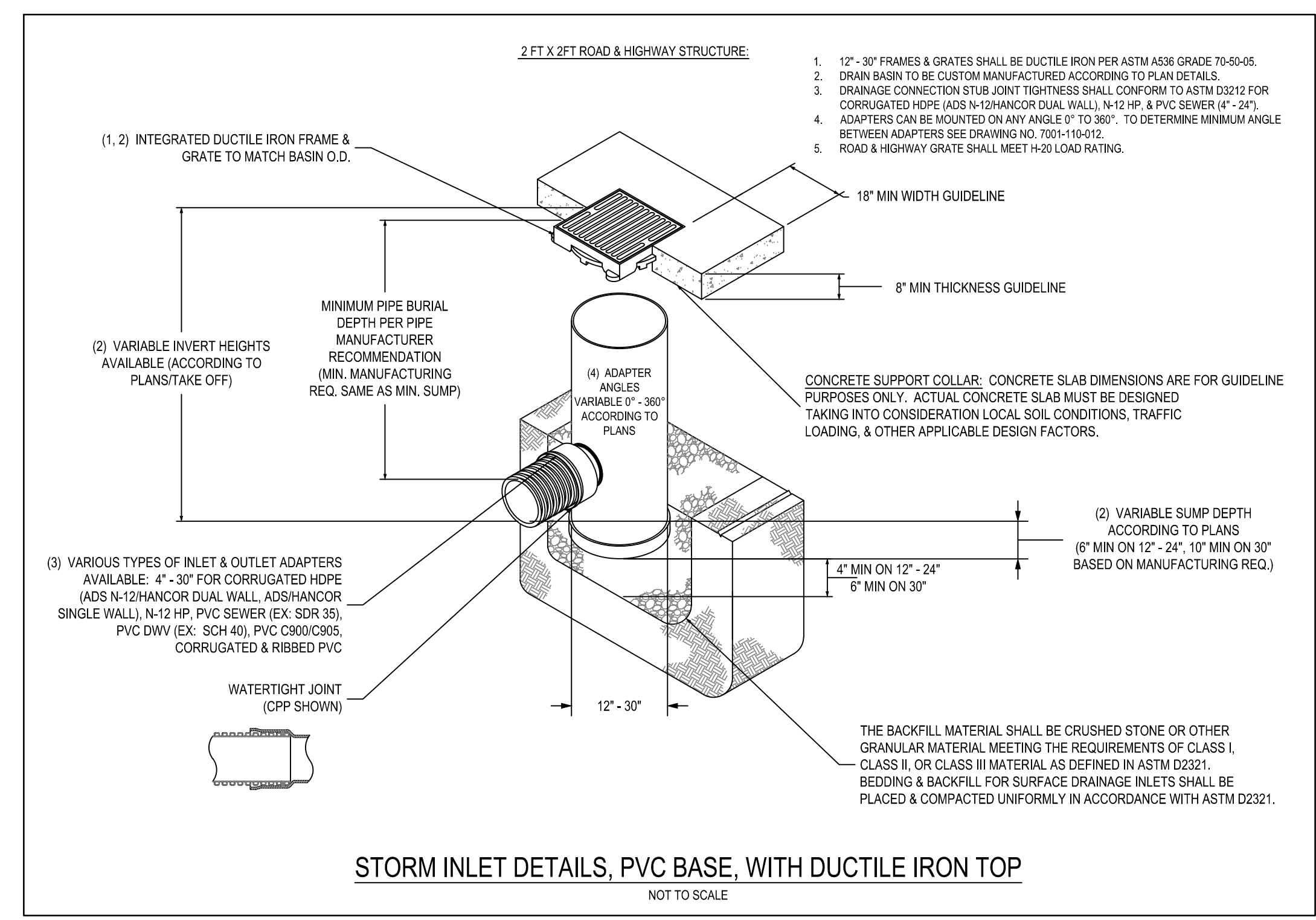
HANDICAP SIGN DETAILS
N.T.S.



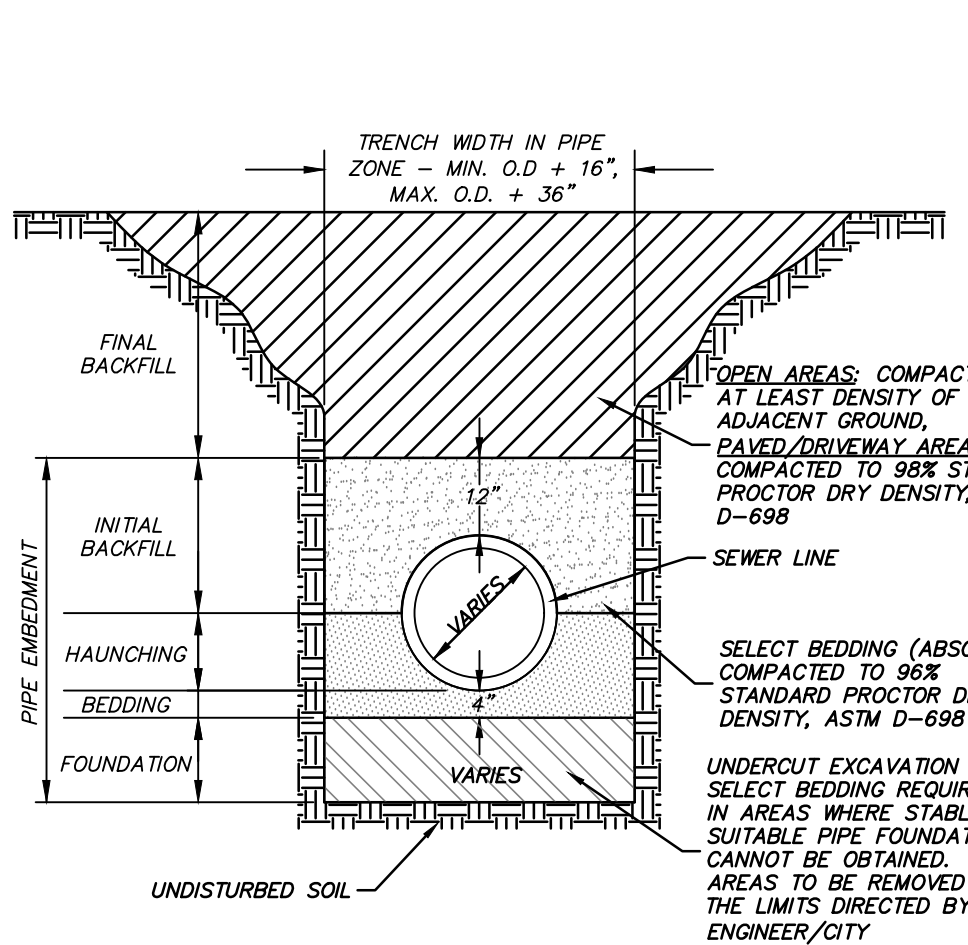
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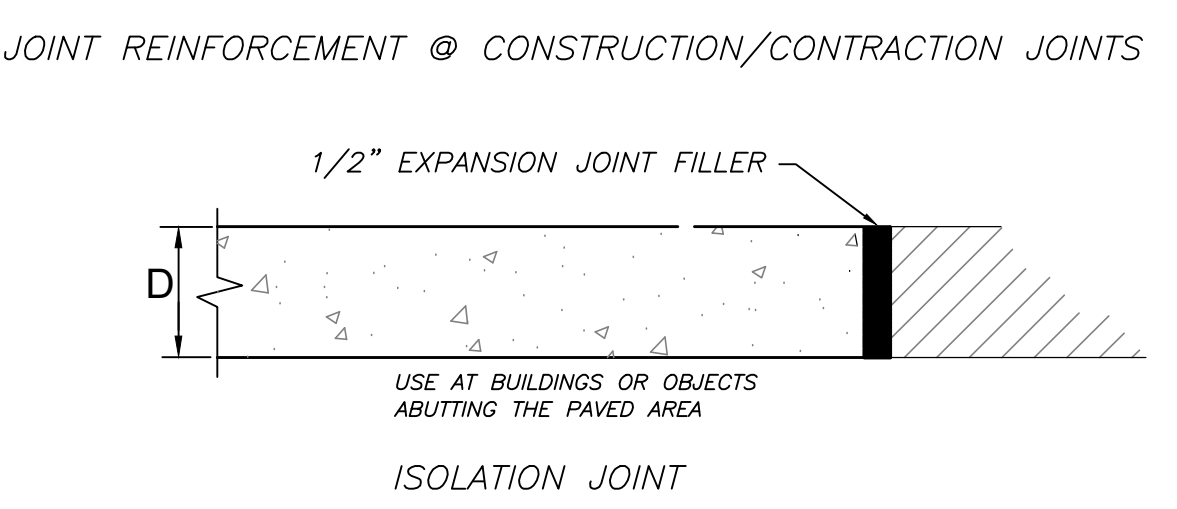
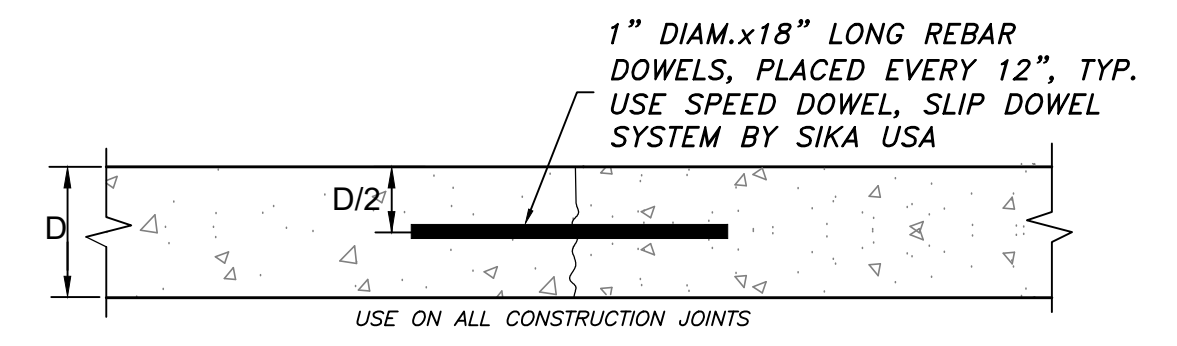
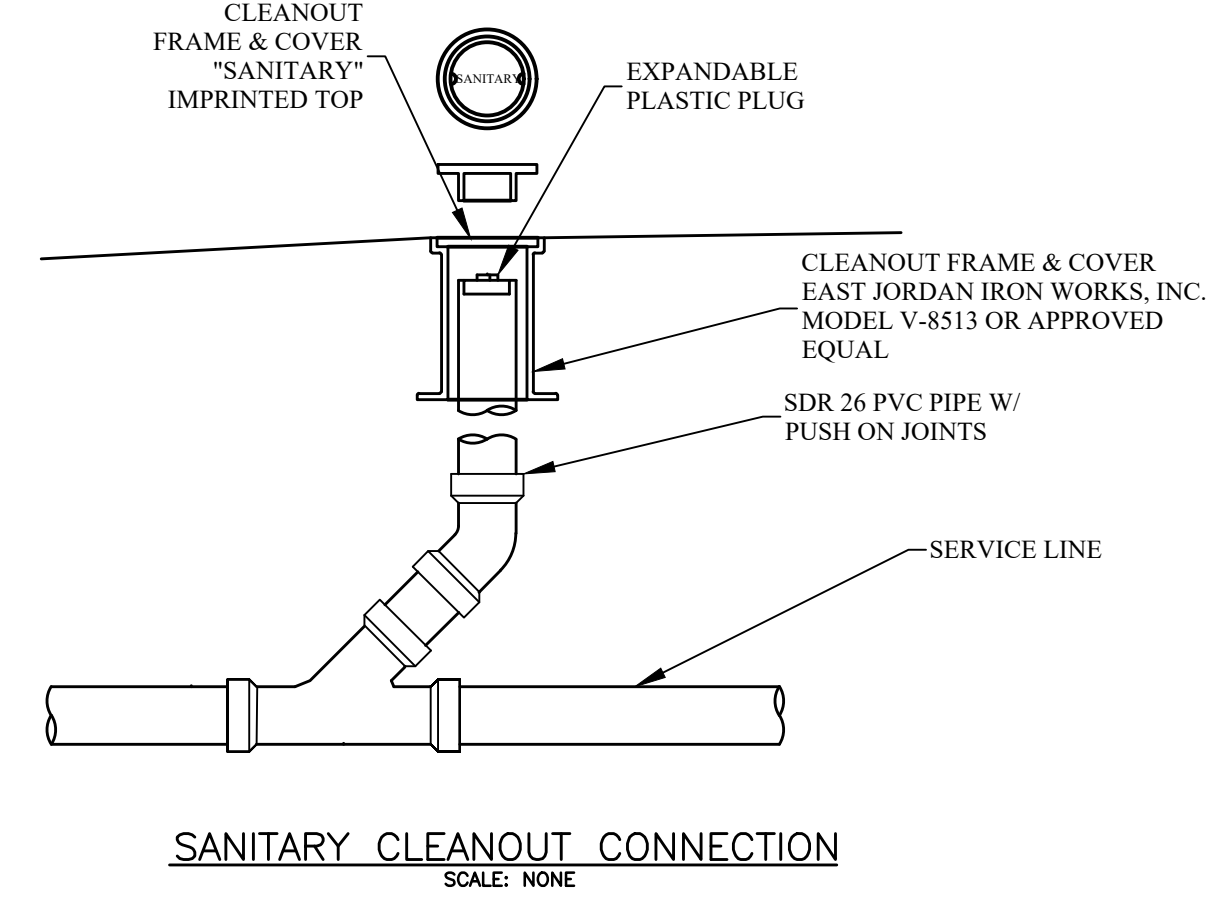
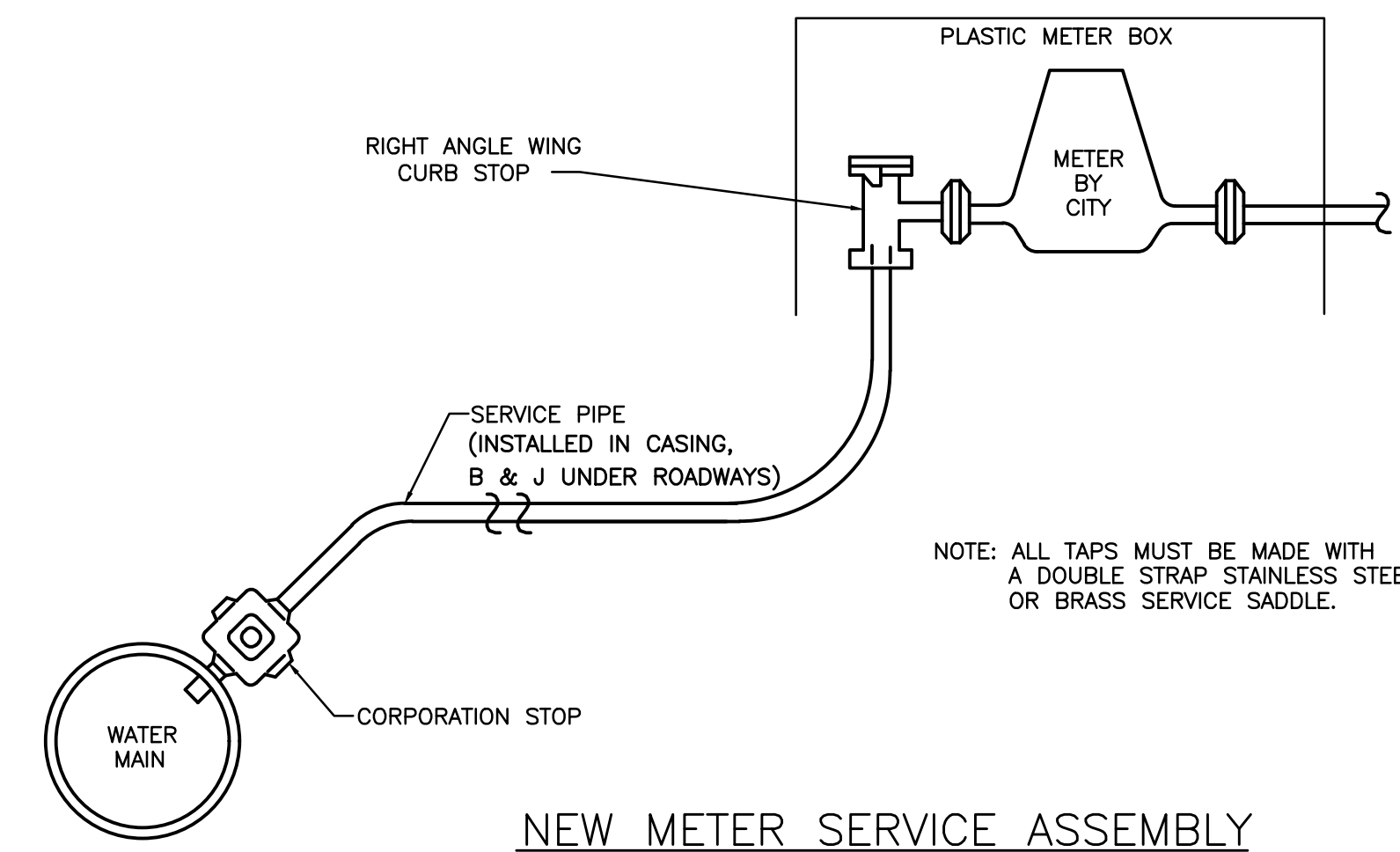
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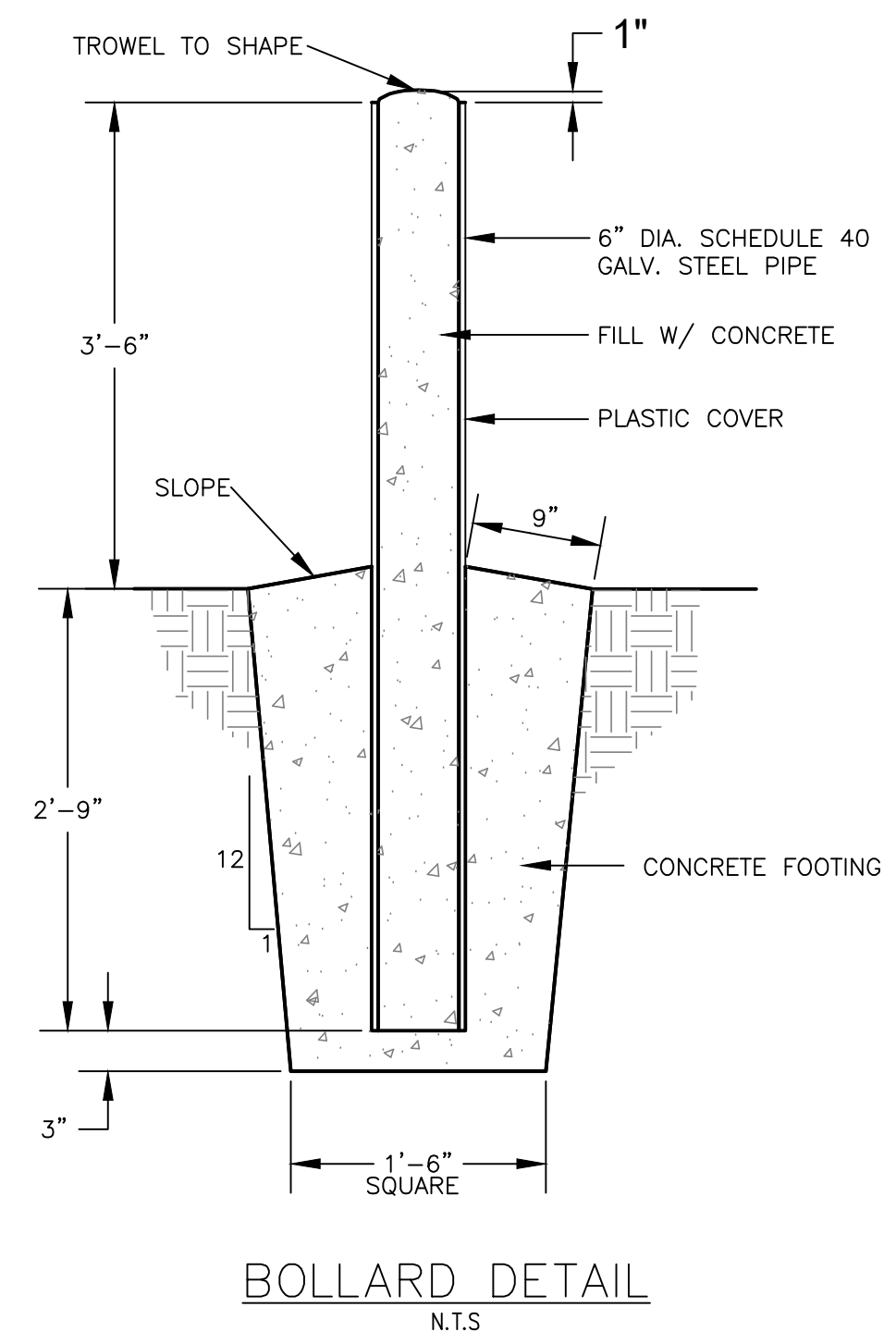
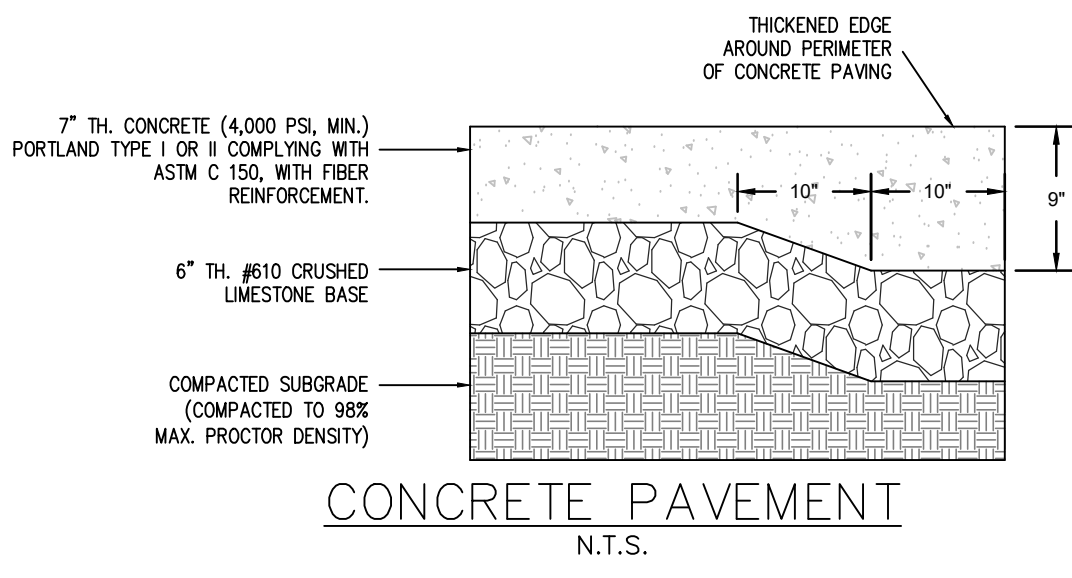
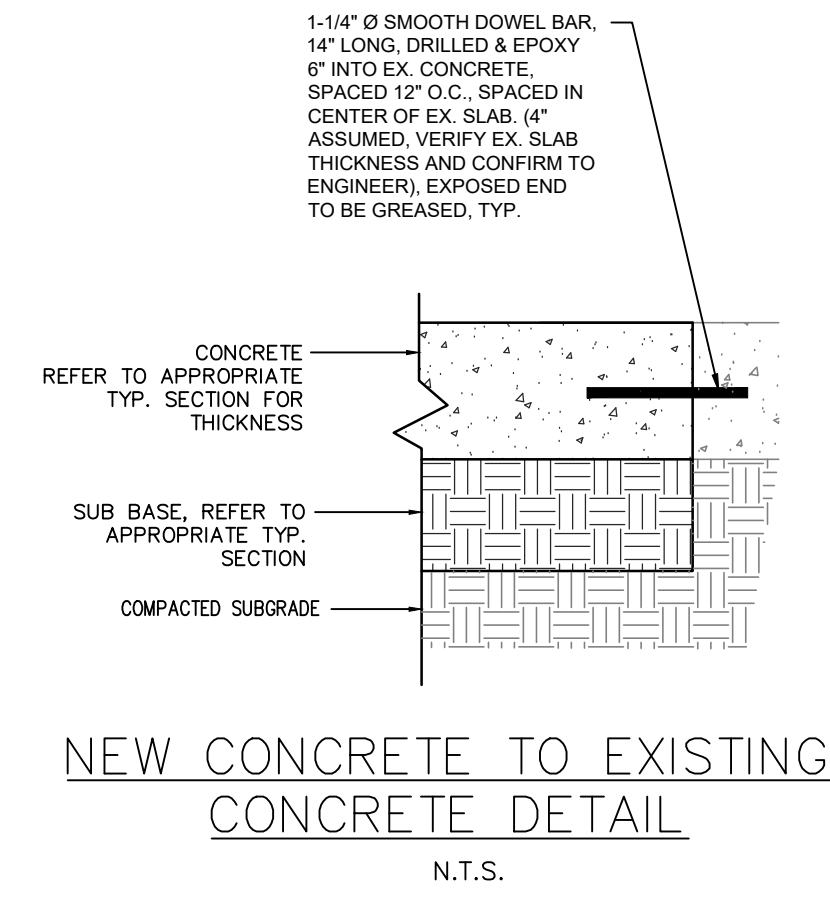
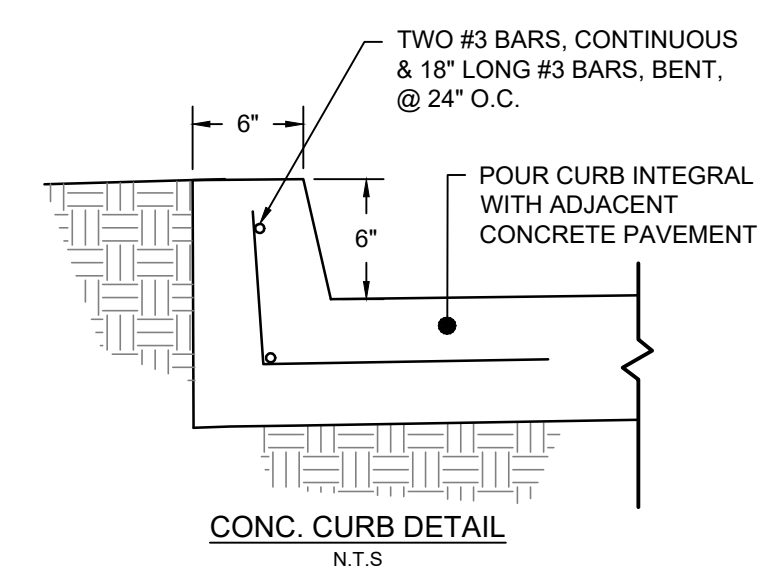
TYPICAL TRENCH FOR WATER & SEWER LINES
NOTE: DETAIL DRAWINGS ARE NOT TO SCALE UNLESS OTHERWISE NOTED ON SPECIFIC DETAIL.



- TYPICAL TRENCH NOTES:**
1. UNDERTUCK EXCAVATION SHALL BE REQUIRED AS DIRECTED BY ENGINEER IF MATERIAL AT PLANNED GRADE WILL NOT PROVIDE STABLE TRENCH BOTTOM FOR PIPE LAYING. IT SHALL BE PAID FOR AS "UNDERTUCK EXCAVATION" AND SPOILED AS DIRECTED BY ENGINEER OR REQUIRED IN CONTRACT DOCUMENTS.
 2. FOUNDATION MATERIAL SHALL BE PAID FOR UNDER PAY ITEM "SELECT BEDDING MATERIAL."
 3. BEDDING & HAUNCHING MATERIAL SHALL BE AN ABSORBED COST PER FOOT OF PIPE. QUANTITIES FOR BEDDING MATERIAL (IF PROVIDED) ARE INTENDED TO BE USED FOR FOUNDATION MATERIAL.
 4. INITIAL BACKFILL SHALL BE AN ABSORBED COST.
 5. IF CONTRACTOR PROPOSES TO USE NATIVE MATERIAL FOR PIPE EMBEDEDMENT AND/OR FINAL BACKFILL, CONTRACTOR SHALL PROVIDE TEST RESULTS TO ENGINEER STATING WHETHER NATIVE MATERIAL MEETS PROJECT SPECIFICATIONS FOR USE AS PIPE EMBEDEDMENT MATERIAL OR FINAL BACKFILL. IF NATIVE MATERIAL MEETS REQUIREMENTS FOR SUCH THEN IT SHALL BE USED BY CONTRACTOR FOR THIS PURPOSE AND SHALL BE AN ABSORBED COST PER FOOT OF PIPE AND SHALL BE EITHER:
 - 6.1. NATIVE MATERIAL IN OPEN AREAS UNLESS OTHERWISE DIRECTED BY THE ENGINEER, OR
 - 6.2. SELECT MATERIAL IN TRENCHES CONSTRUCTED UNDER OR WITHIN 5' OF ROADWAYS, CURBED OR PAVED AREAS. MATERIAL SHALL EXTEND 5' BEYOND THE EDGE OF PAVING STRUCTURE(S).
 7. TRENCH SETTLEMENT REPAIR (INCLUDING RE-GRASSING IS THE CONTRACTOR'S RESPONSIBILITY DURING WARRANTY PERIOD.
 8. DOWATERING OF ANY TRENCH FOR ANY REASON IS THE RESPONSIBILITY OF THE CONTRACTOR AT NO EXTRA COST TO THE OWNER.



CONCRETE PAVING JOINT DETAILS
N.T.S.



Section 9, Item C)

DEAN ENGINEERING SOLUTIONS, INC.
 JACKSON, MS 39211
 4780 I-55 NORTH, SUITE 100-4
 601-557-2002 WWW.DEANESI.COM

REGISTERED PROFESSIONAL ENGINEER
 STATE OF MISSISSIPPI
 20557

03-12-2024

DRAWING ISSUED

No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER: **MAC HAIK**
 ALTBAHN LOOP
 GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**

SHEET TITLE: **DETAILS**

SITE DEVELOPMENT

JOB NO.: 240201
 DATE: 05 FEB 2024
 SCALE: AS SHOWN
 DRAWN BY: WSD
 REVIEWED BY: WSD

SHEET NUMBER: **7**



PEOPLES CONSTRUCTION CORP.

3913 UNDERWOOD DRIVE
FLOWOOD, MS 39232
(601) 932-1111

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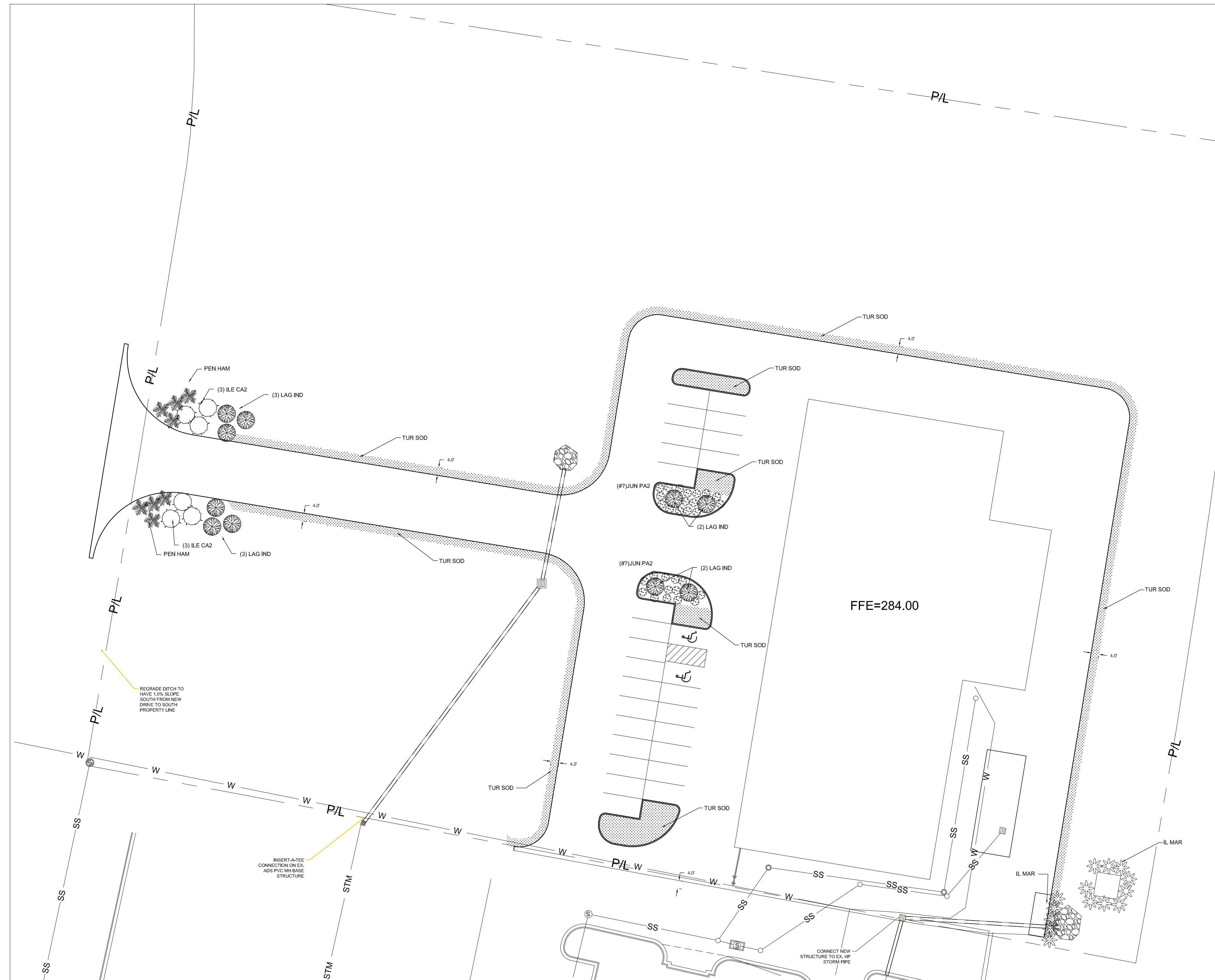
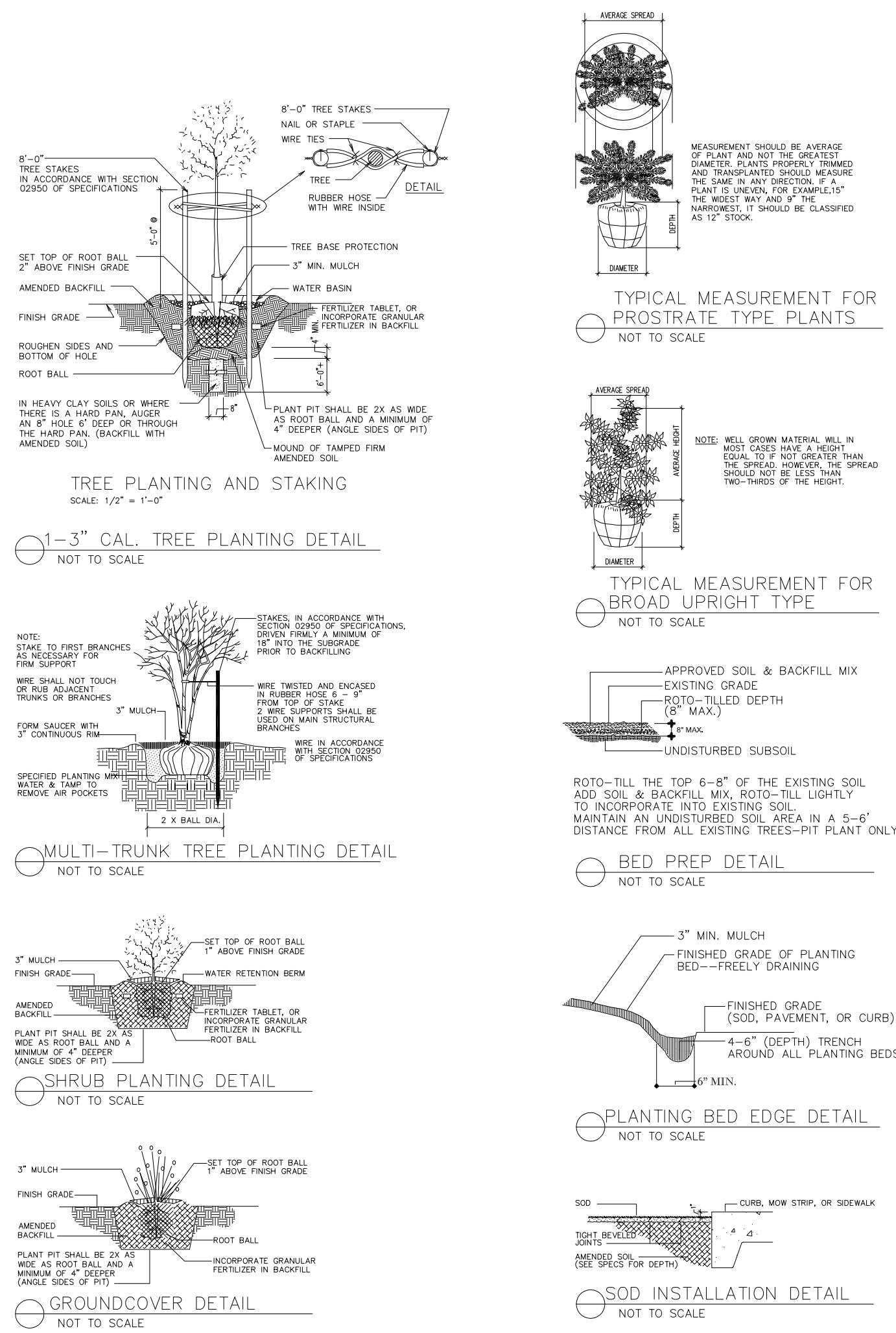
03/19/2024

A PROPOSED LANDSCAPE PLAN FOR:
MAC HAIK, GLUCKSTADT
GLUCKSTADT, MISSISSIPPI

Drawn by: TMA
Checked by: JP

SHEET L-1

DODGE CHRYSLER			
PLANT SCHEDULE			
TREE	CODE	QTY.	COMMON NAME
	ILE CA2	6	CARRISSA HOLLY
	LAG IND	10	NATCHEZ WHITE CREPE MYRTLE
	PEN HAM	8	HAMELIN DWARF FOUNTAIN GRASS
	JUN PA2	?	PARSONS JUNIPER
	IL MAR	14	NEEDLEPOINT HOLLY
	TUR SOD	4,500 SQ.FT.	TIFWAY 419 BERMUDA
	CYN DAC	DISTURBED AREA	HYBRID BERMUDA GRASS SEED



SITE CONTEXT



PEOPLES CONSTRUCTION

DESIGN - BUILD GENERAL CONTRACTORS
3913 Underwood Drive || Flowood, MS 39232
Office: 601-932-1111 || Fax: 601-932-1112
www.peoplesconstruction.com

Project Title

NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date: 3/1/2024
Drawn By: AGR
Checked By: Checker

Sheet Number
G1
Professional Seal

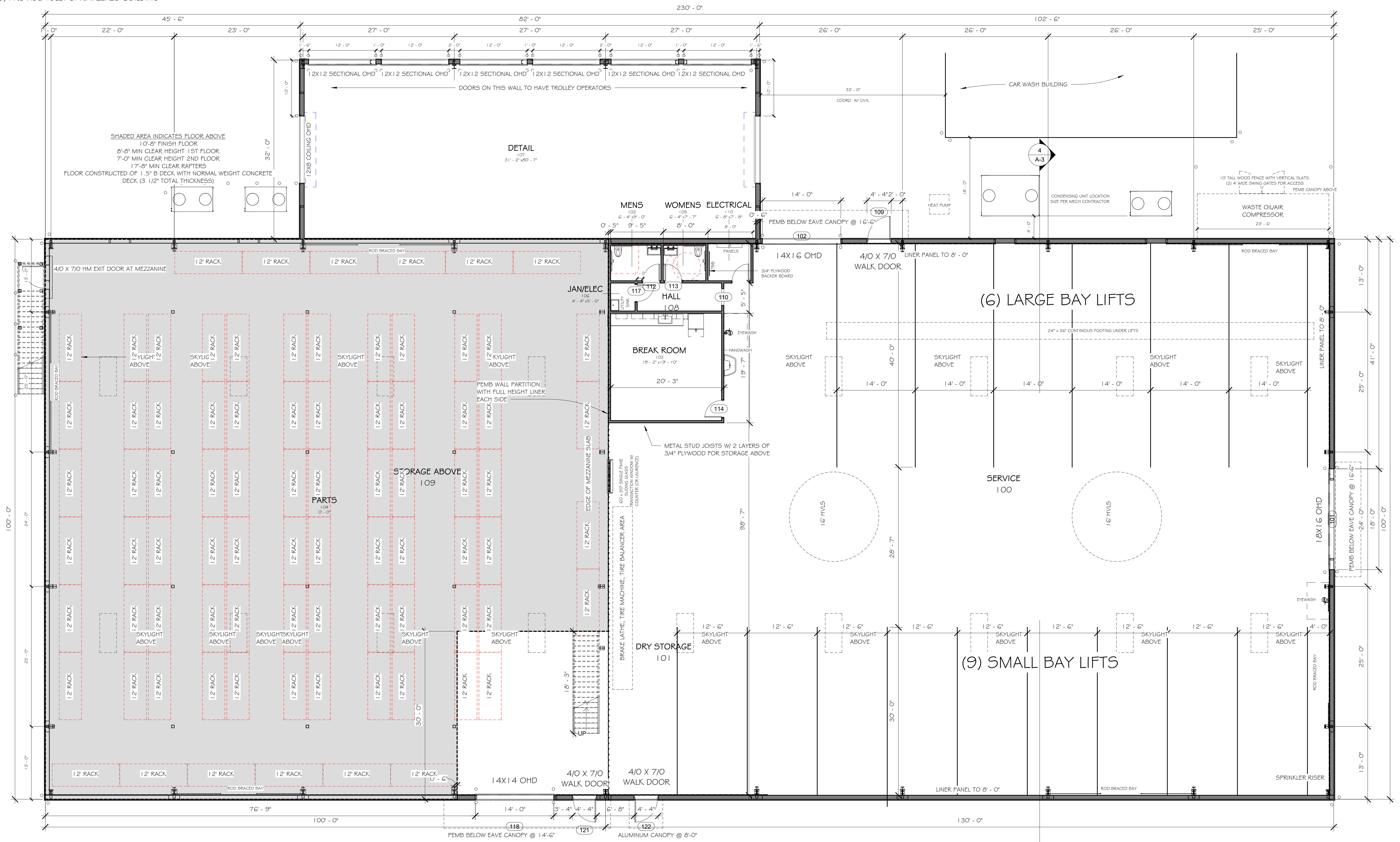
100% SALES DRAWINGS

ARCHITECTURAL NOTES

- 1) PROVIDE 6" WHITE VINYL BACK ROOF INSULATION & 4" WHITE VINYL BACK WALL INSULATION
- 2) PROVIDE FIBERGLASS ROOF SKYLIGHTS
- 3) PROVIDE FULLY SPRINKLERED BUILDING

BUILDING CALCULATIONS

OVERALL SQUARE FOOTAGE - 25,744 SF
 TOTAL BUILDING HEIGHT - 24'-1"



1 FLOOR PLAN
 1/8" = 1'-0"

PEOPLES CONSTRUCTION

DESIGN - BUILD GENERAL CONTRACTORS
 3913 Underwood Drive || Flowood, MS 39232
 Office: 601-932-1111 || Fax: 601-932-1112
 www.peoplesconstruction.com

NEW SERVICE BUILDING FOR MAC HAIK

Date: 3/1/2024
 Drawn By: AGR
 Checked By: Checker
 Sheet Number:

A-1

100% SALES DRAWINGS

Project Title

NEW SERVICE BUILDING FOR MAC HAIK
 GLUCKSTADT, MS

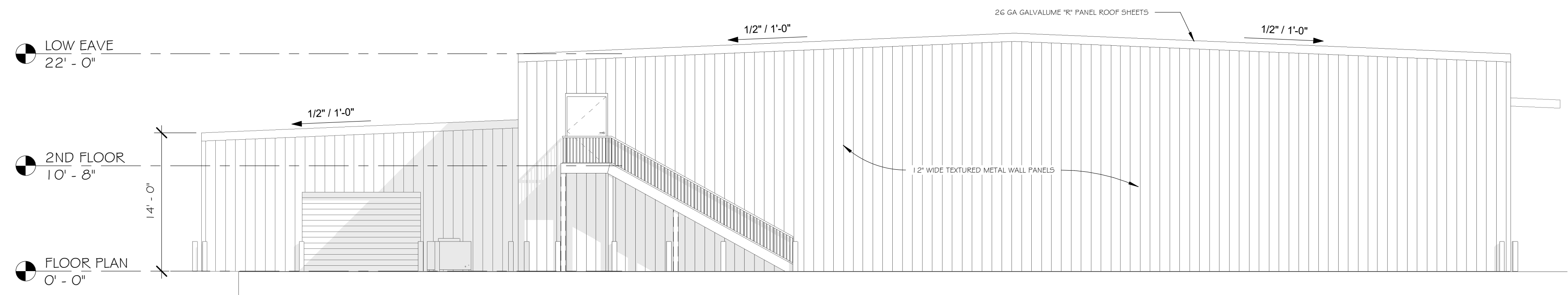
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A-2
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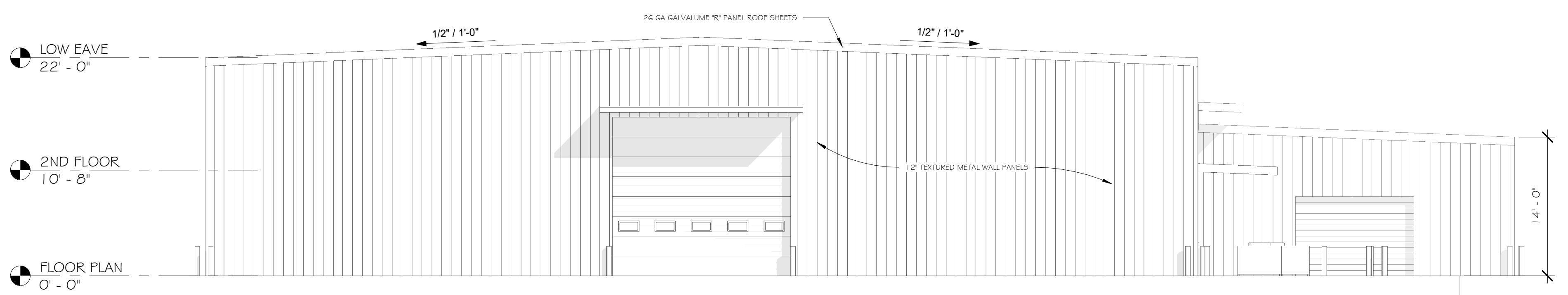
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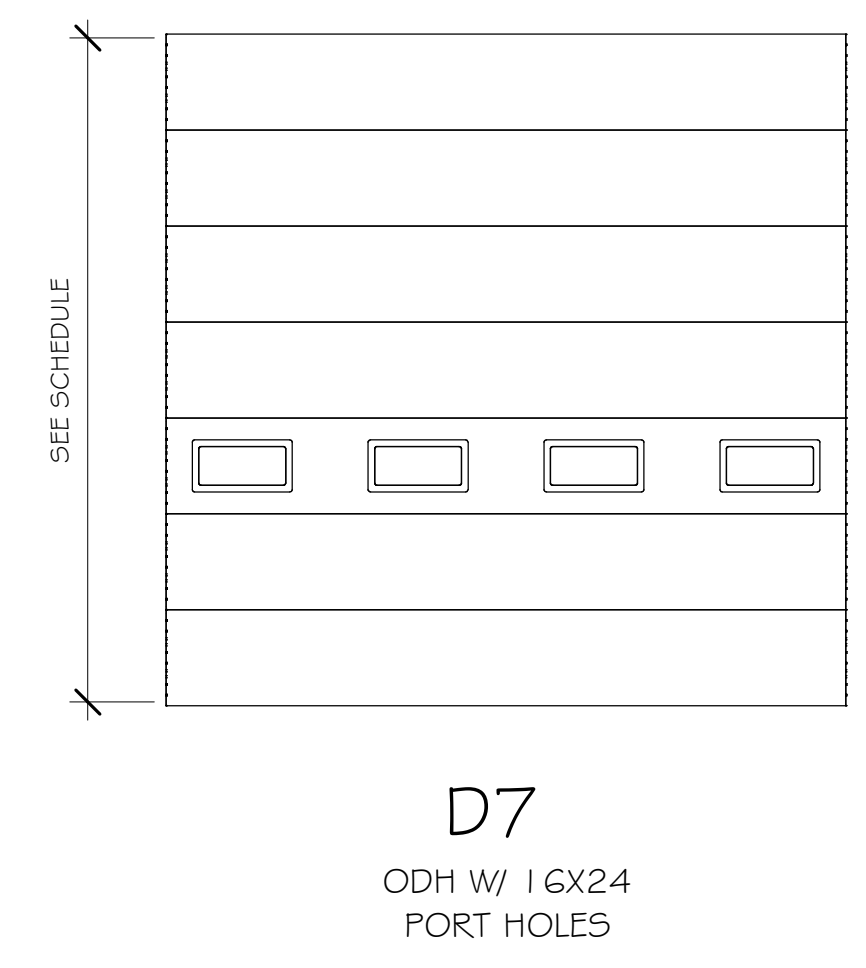
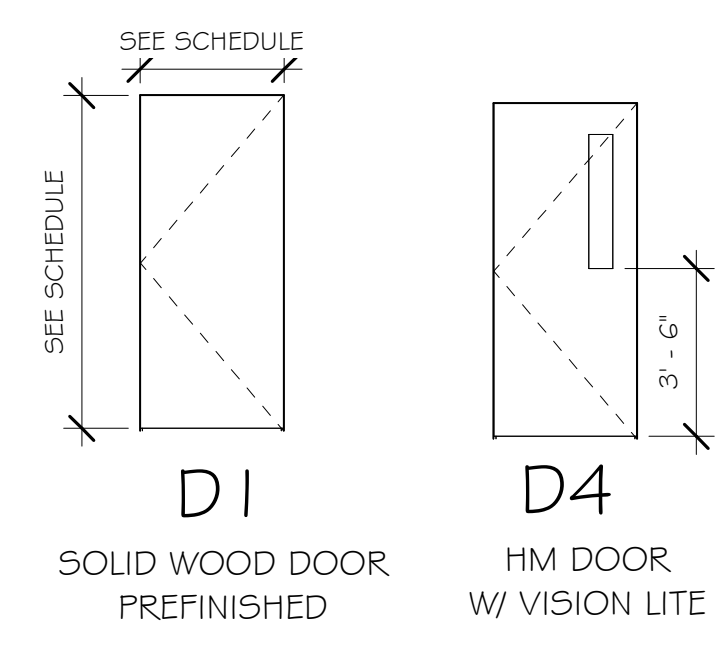
② EAST ELEVATION
 1/8" = 1'-0"



③ North
 1/8" = 1'-0"



④ South
 1/8" = 1'-0"



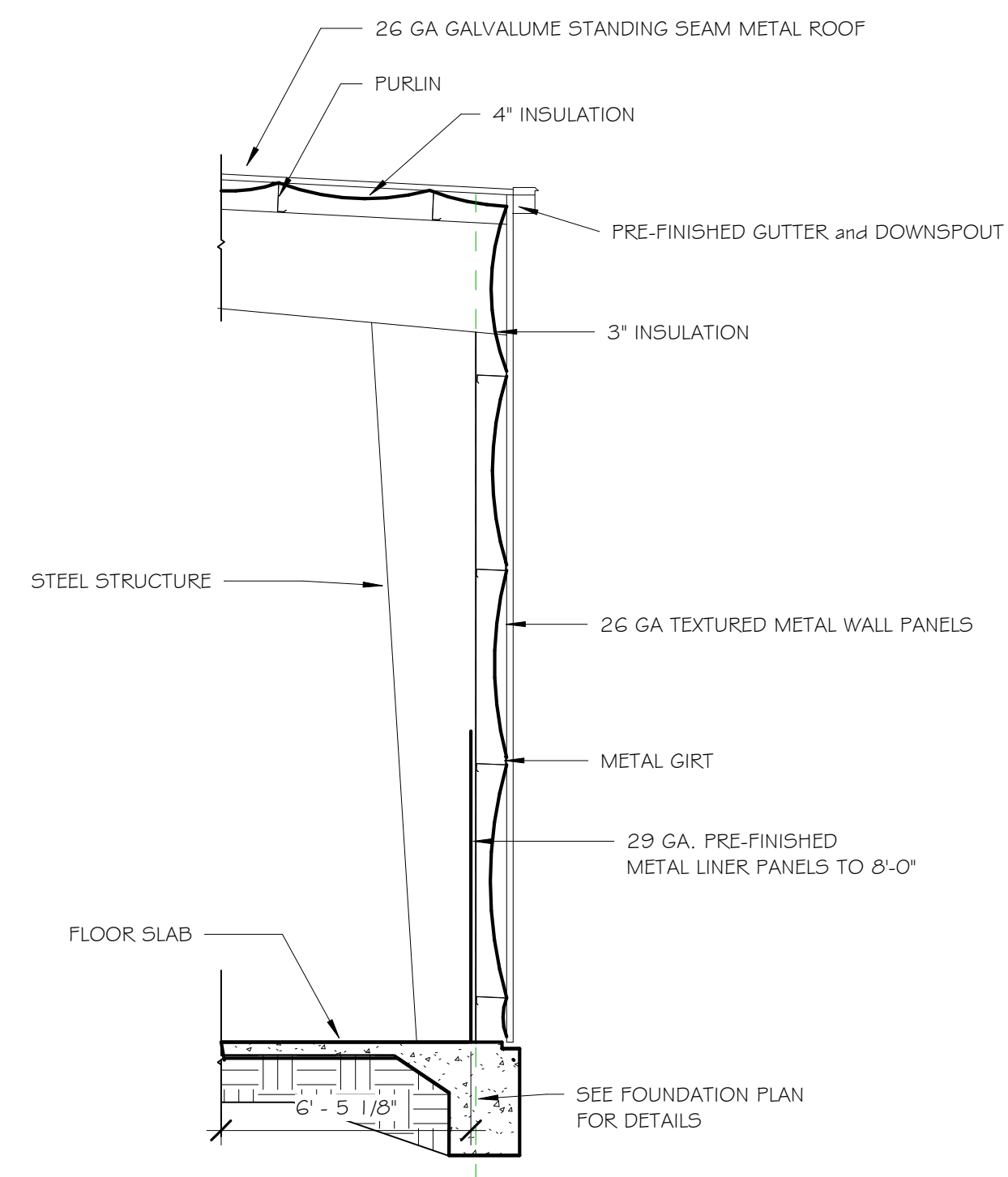
RUBBER BASE (RB)
 MFG - ROPPE OR EQUAL
 COLOR - STANDARD COLORS

ACOUSTICAL CEILING TILE (ACT-1)
 MFG - ARMSTRONG OR EQUAL
 MODEL - 1728
 COLOR - SQUARE EDGE 24" X 24",
 WHITE, 1 15/16" GRID, WHITE

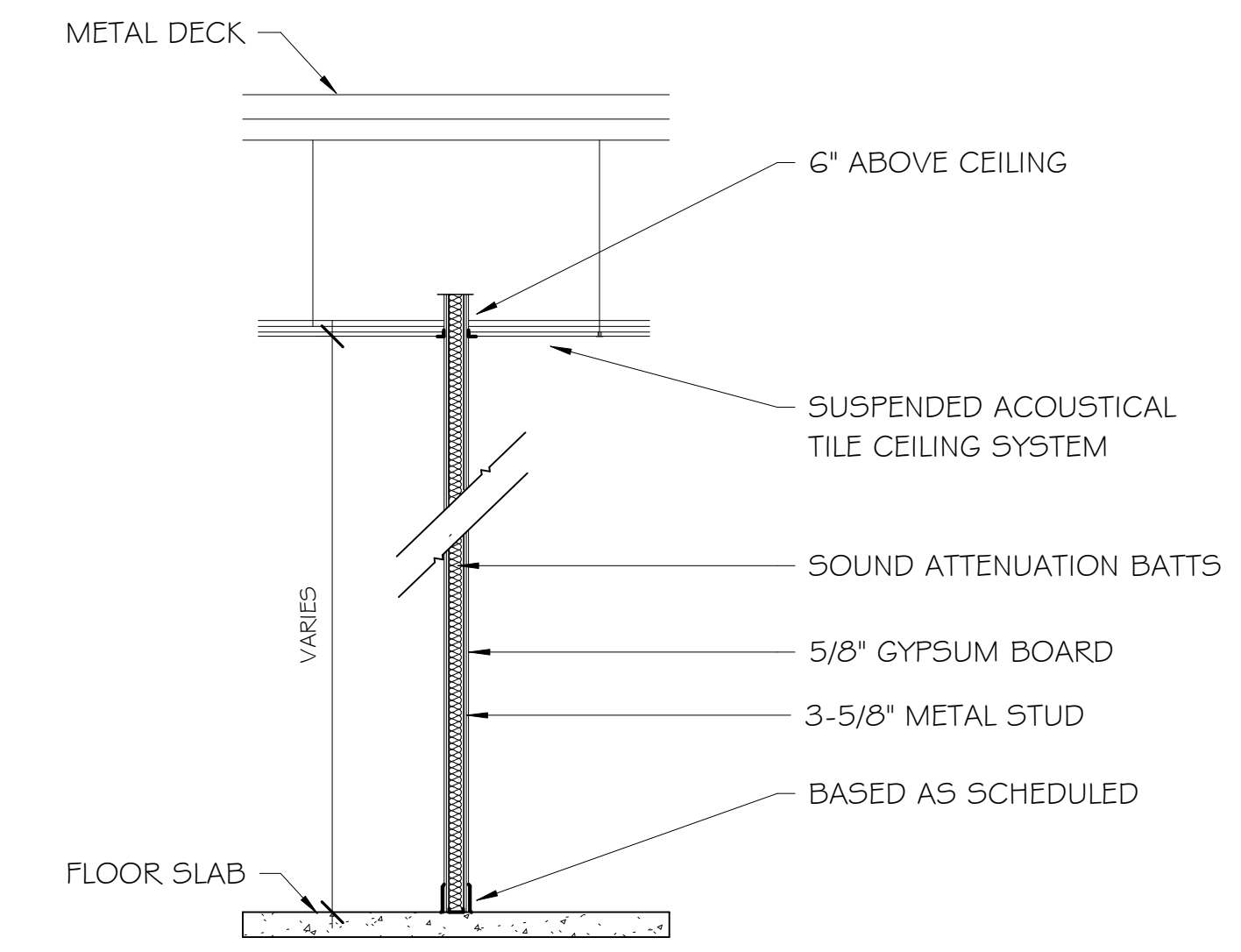
VINYL COMPOSITE PLANK (VCP)
 MFG - PRICE MID RANGE
 SIZE - 9" X 96"
 COLOR - TBD

SEALED CONCRETE (SC)

① FINISH LEGEND
 1/4" = 1'-0"



② Typical Warehouse Exterior Wall
 1/4" = 1'-0"

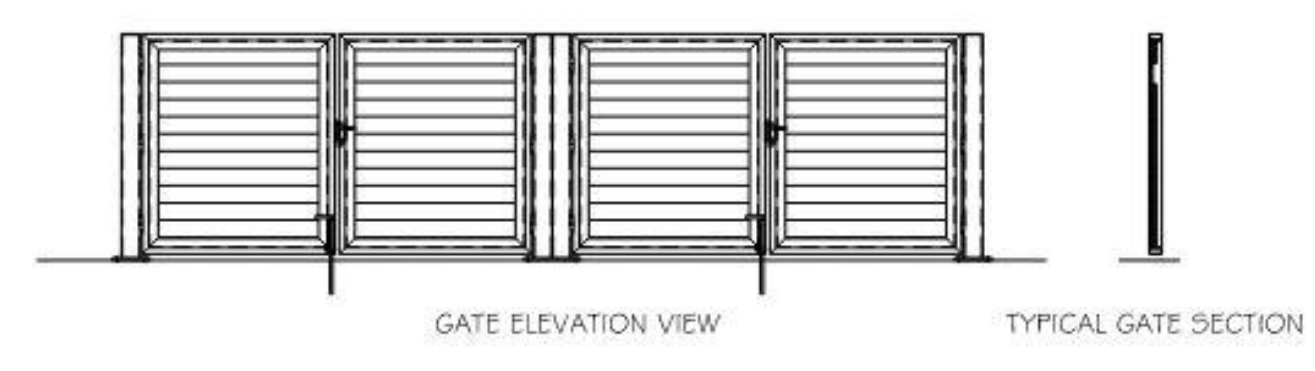
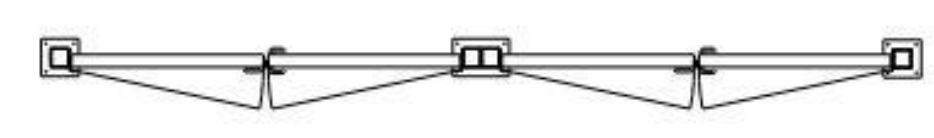
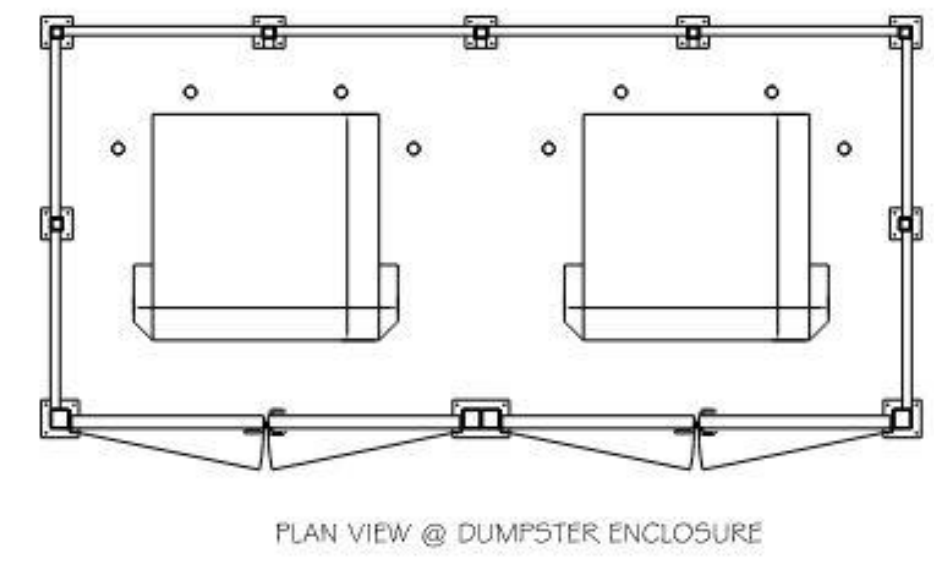


③ TYPICAL INTERIOR WALL PARTITION
 1/4" = 1'-0"

DOOR TYPE SCHEDULE
 1/4" = 1'-0"

DOOR SCHEDULE							
Mark	Width	Height	DOOR TYPE	Thickness	Frame Type	Finish	Comments
101	18' - 0"	16' - 0"	D7	2"	STEEL	PAINT	
102	14' - 0"	16' - 0"	D7	2"	STEEL	PAINT	
109	4' - 0"	7' - 0"		1 3/4"			
110	0' - 0"	0' - 0"					
112	3' - 0"	7' - 0"		1 3/4"			
113	3' - 0"	7' - 0"		1 3/4"			
114	3' - 0"	7' - 0"		1 3/4"			
117	3' - 0"	7' - 0"		1 3/4"			
118	14' - 0"	14' - 0"		2"			
121	4' - 0"	7' - 0"		1 3/4"			
122	4' - 0"	7' - 0"		1 3/4"			
123	12' - 0"	10' - 0"		2"			
124	12' - 0"	10' - 0"		2"			
132	12' - 0"	10' - 0"		2"			
133	12' - 0"	10' - 0"		2"			
134	12' - 0"	10' - 0"		2"			
135	12' - 0"	10' - 0"		2"			
136	14' - 0"	14' - 0"	D7	2"	STEEL	PAINT	
137	10' - 0"	10' - 0"		2"			
138	10' - 0"	10' - 0"		2"			
139	12' - 0"	8' - 0"		3"			
140	12' - 0"	8' - 0"		3"			
141	4' - 0"	7' - 0"		1 3/4"			
142	3' - 0"	7' - 0"		1 3/4"			

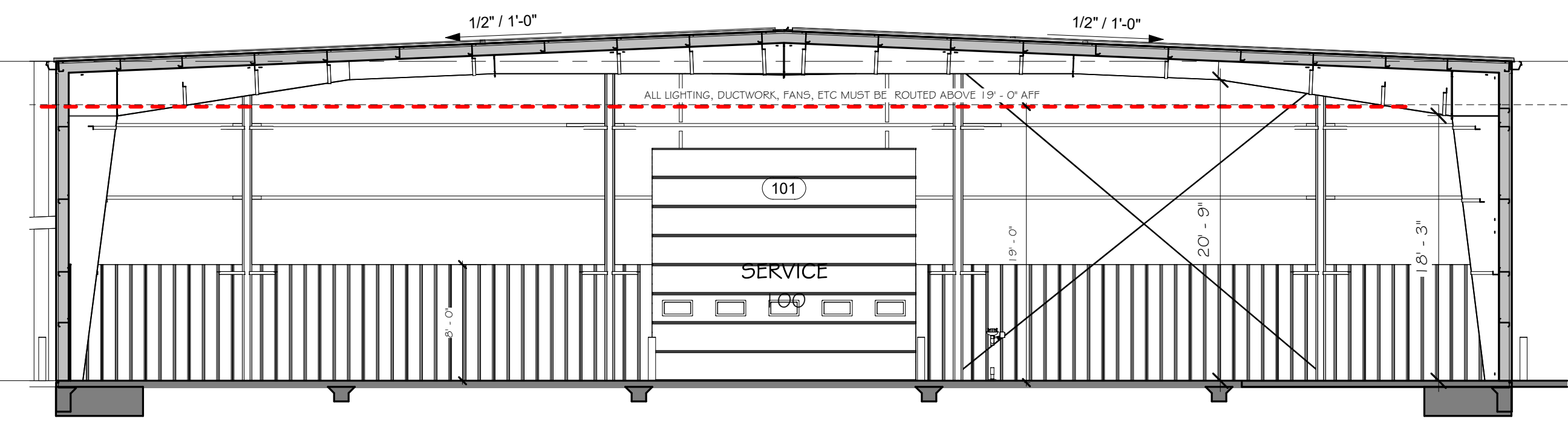
FINISH SCHEDULE							
ROOM NUMBER	ROOM NAME	FLOOR FINISH	WALL FINISH	BASE FINISH	CEILING FINISH	CEILING HEIGHT	COMMENTS
100	SERVICE	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
101	DRY STORAGE	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
102	MENS	VCP	PAINT	VCT	ACT	9' - 0"	
103	BREAK ROOM	VCP	PAINT	VCT	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
104	PARTS	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
105	WOMENS	VCP	PAINT	VCT	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
106	JAN/ELEC	VCP	PAINT	VCT	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
107	DETAIL	SC	LINER PANEL	NONE	EXPOSED	9' - 0"	
108	HALL	SC	PAINT	RB	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS
109	STORAGE ABOVE	SC	LINER PANEL	NONE	EXPOSED	EXPOSED	
110	ELECTRICAL	SC	PAINT	RB	ACT	9' - 0"	INSTALL RB ON SERVICE SIDE OF WALLS



LOW EAVE
 22' - 0"

FLOOR PLAN
 0' - 0"

④ BUILDING SECTION
 1/8" = 1'-0"



Project Title

NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date

3/1/2024

Drawn By

AGR

Checked By

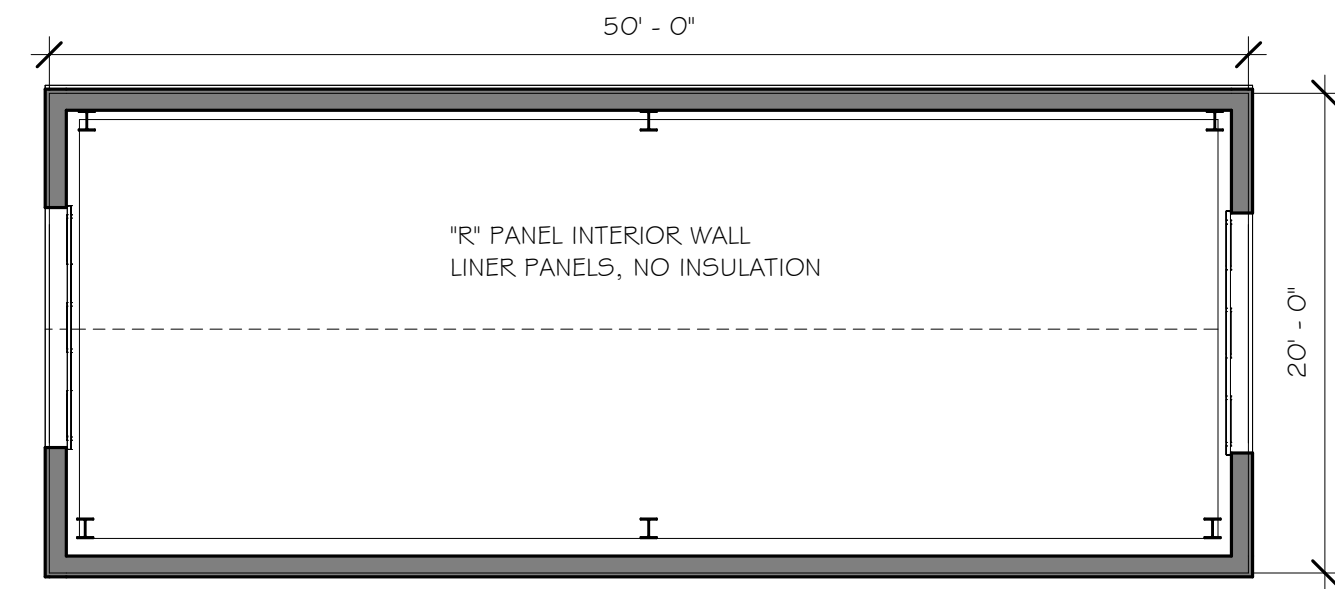
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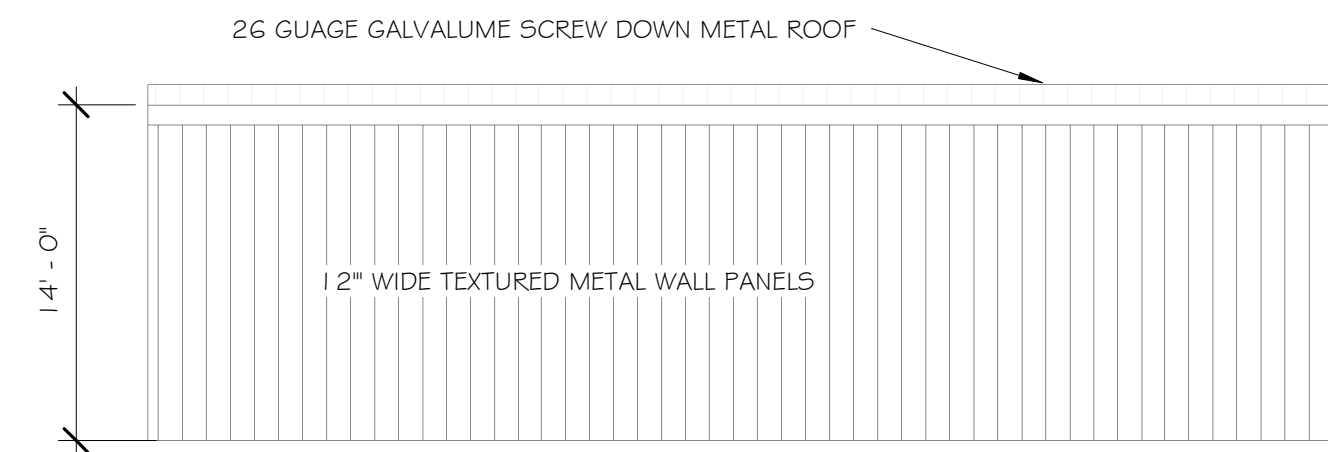
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Professional Seal

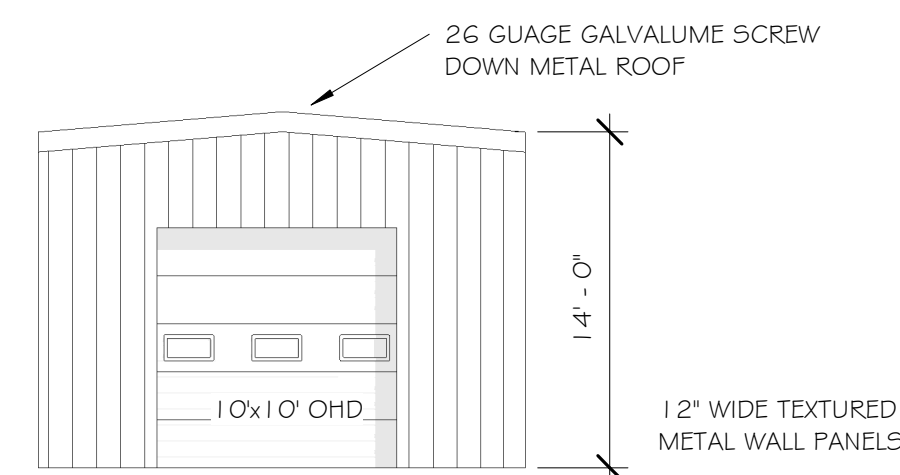
100% SALES DRAWINGS



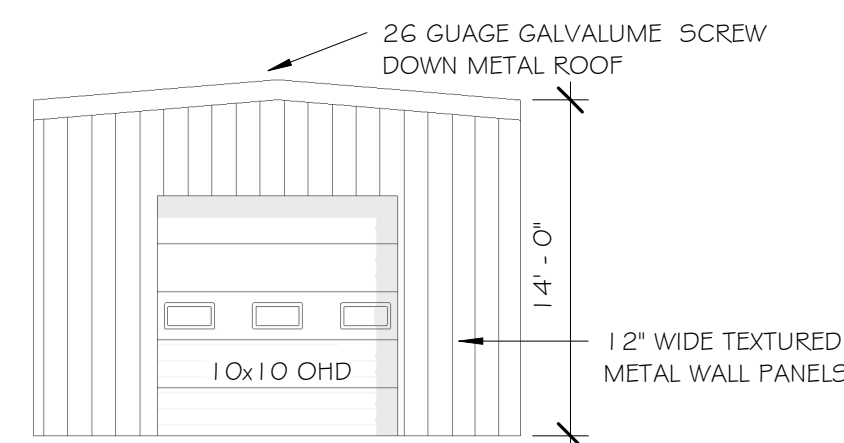
1 WASH BAY FLOOR PLAN
 1/8" = 1'-0"



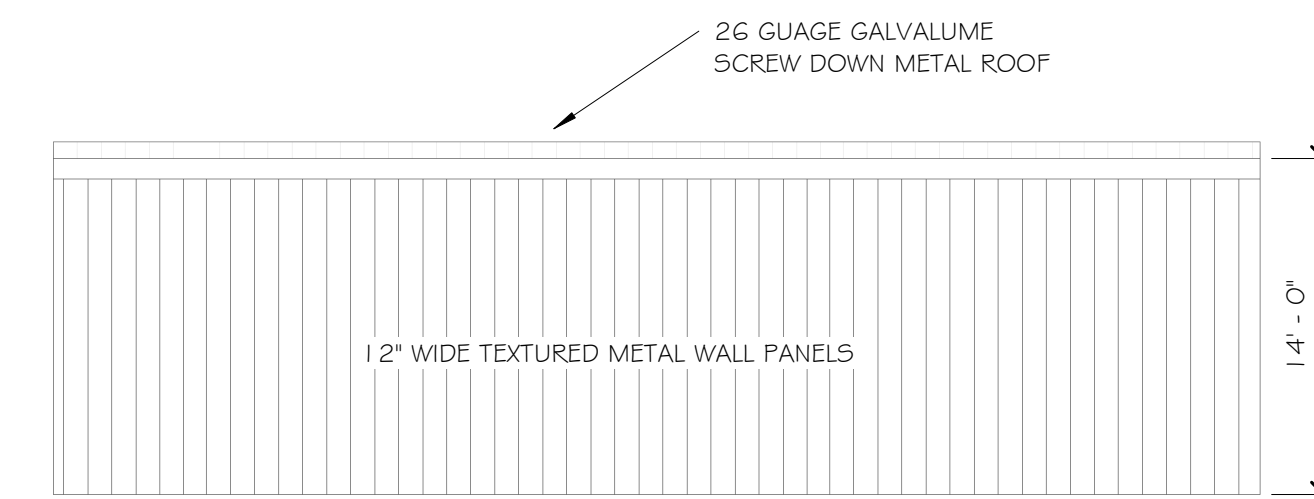
2 WASHBAY Elevation 5-A
 1/8" = 1'-0"



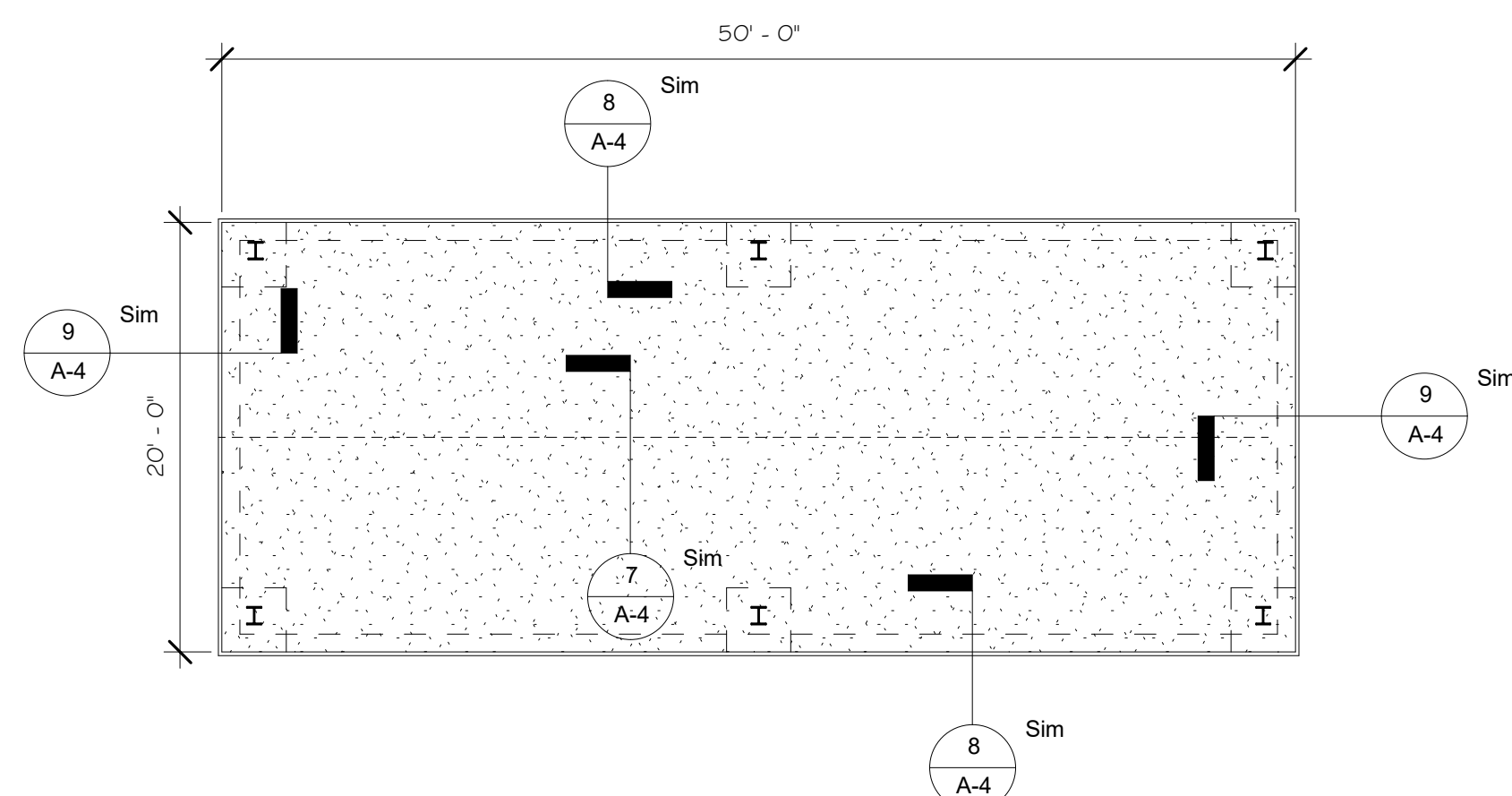
3 WASHBAY Elevation 6-A
 1/8" = 1'-0"



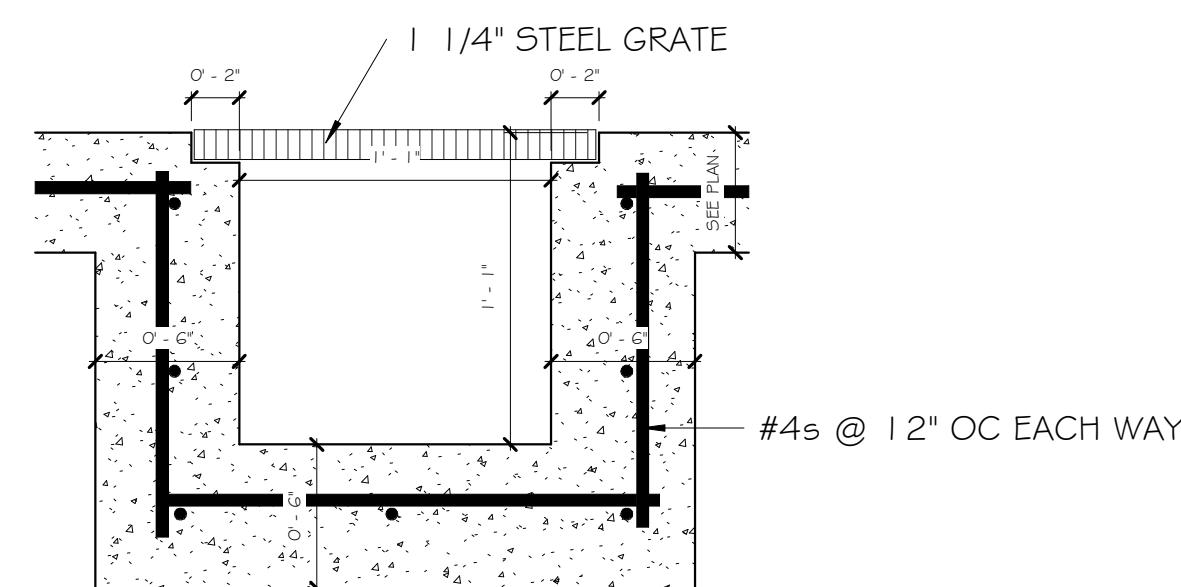
4 WASHBAY Elevation 7-A
 1/8" = 1'-0"



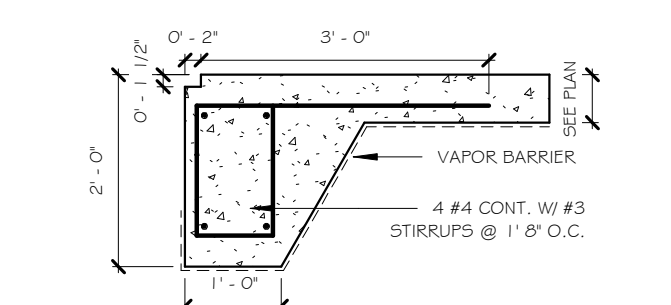
5 WASHBAY Elevation 8-A
 1/8" = 1'-0"



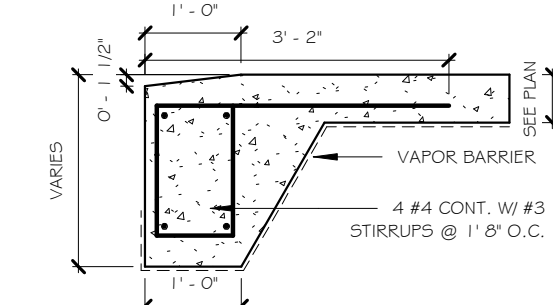
6 Washbay Foundation
 1/8" = 1'-0"



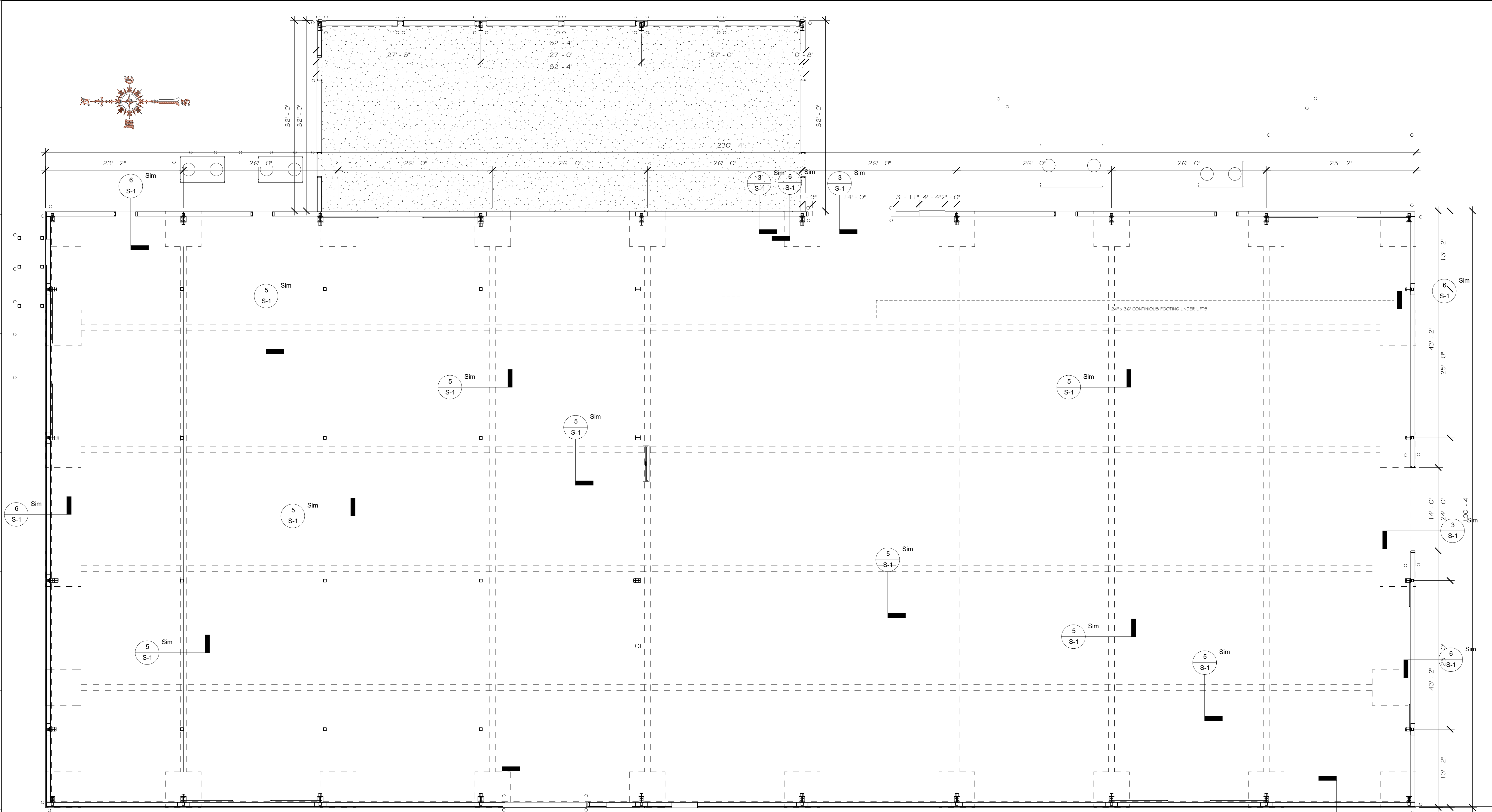
7 TRENCH DRAIN DETAIL
 1 1/2" = 1'-0"



8 TYPICAL GRADE BEAM WITH SHEET NOTCH DETAIL 2
 1/2" = 1'-0"



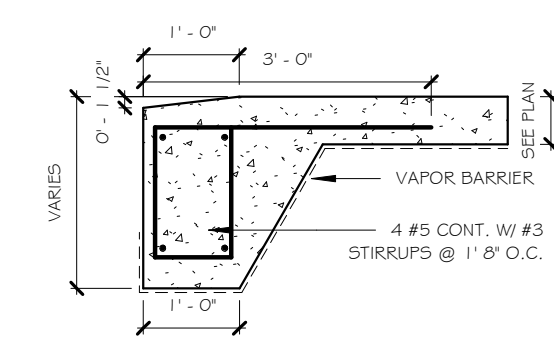
9 TYPICAL GRADE BEAM AT OHD DETAIL 2
 1/2" = 1'-0"



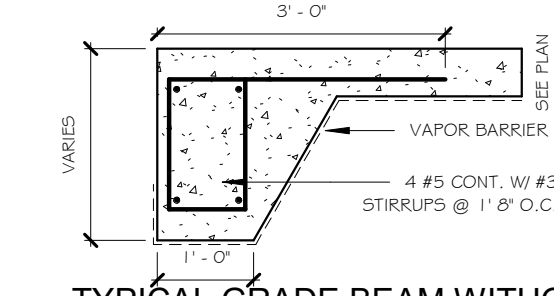
8 FND
 1/8" = 1'-0"

STRUCTURAL NOTES

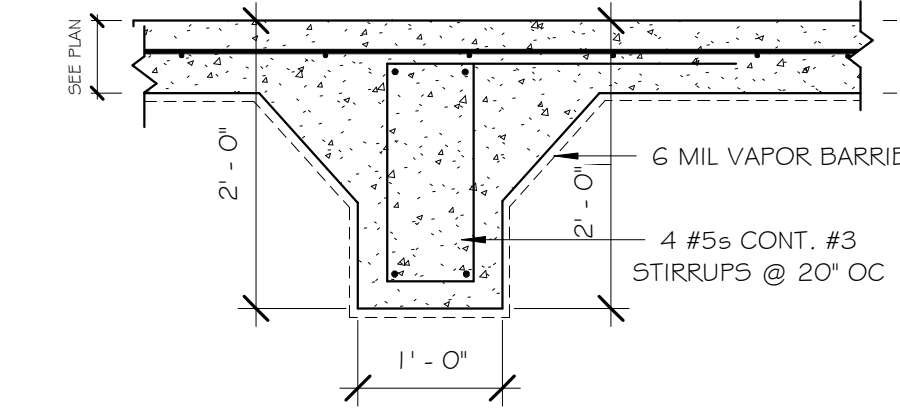
1. REINFORCING STEEL - GRADE 60
2. CONCRETE
 - A. 3,500 PSI FOOTINGS
 - B. 3,500 PSI SLAB
3. SOIL BEARING CAPACITY - 2,000 PSF
4. FOUNDATION DESIGN BASED ON THE FOLLOWING:
 - A. SOIL INVESTIGATION - TBD
 - B. REACTIONS - TBD
5. NO EXPANSIVE CLAYS ALLOWED WITHIN 6'-0" OF THE LOWEST FOUNDATION MEMBER. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING IN ALL DIRECTIONS.
6. SLAB CONTROL JOINTS SHOULD BE SAWED AS FOLLOWS:
 - A. SAW JOINTS AS SOON AS CONCRETE HAS SET ENOUGH TO ALLOW OPERATIONS
 - B. MIN. DEPTH - D=0.30 X SLAB DEPTH. MIN. SPACING 20' - 0" EACH WAY



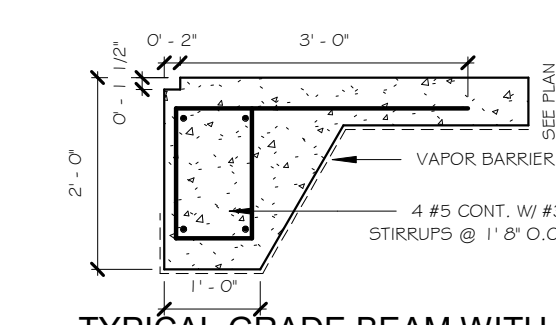
3 TYPICAL GRADE BEAM AT OHD DETAIL
 1/2" = 1'-0"



4 TYPICAL GRADE BEAM WITHOUT NOTCH
 1/2" = 1'-0"



5 TYPICAL THICKENED SLAB DETAIL
 3/4" = 1'-0"



6 TYPICAL GRADE BEAM WITH SHEET PILING DETAIL
 1/2" = 1'-0"

FOOTING SCHEDULE				
Type Mark	Length	Width	Thickness	Reinforcing
F1	<varies>	<varies>	<varies>	
	6'-0"	6'-0"	2'-0"	



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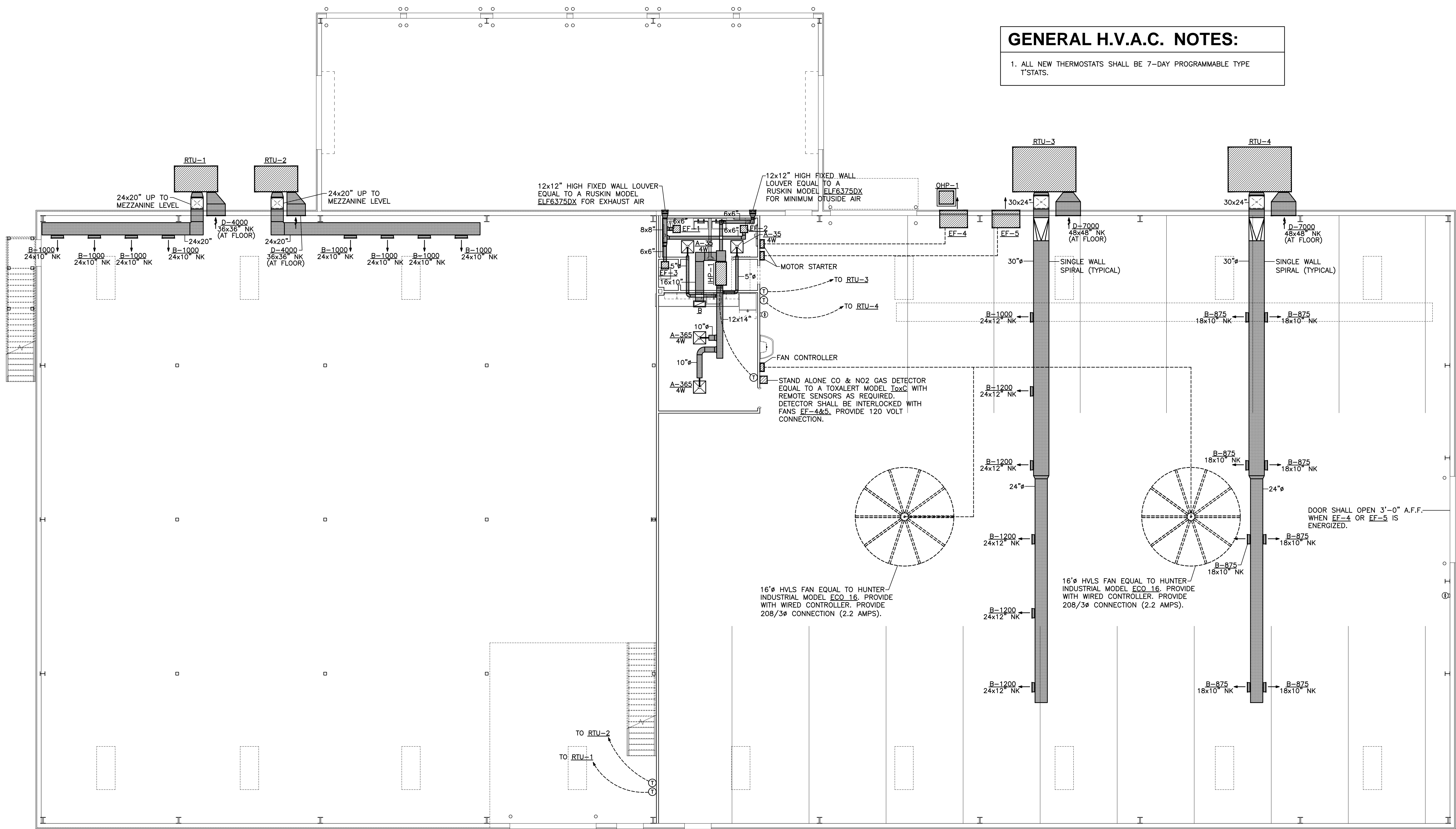
NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date: 2/23/2024
Drawn By: DVM
Checked By: SCW

Sheet Number
M-1
Professional Seal

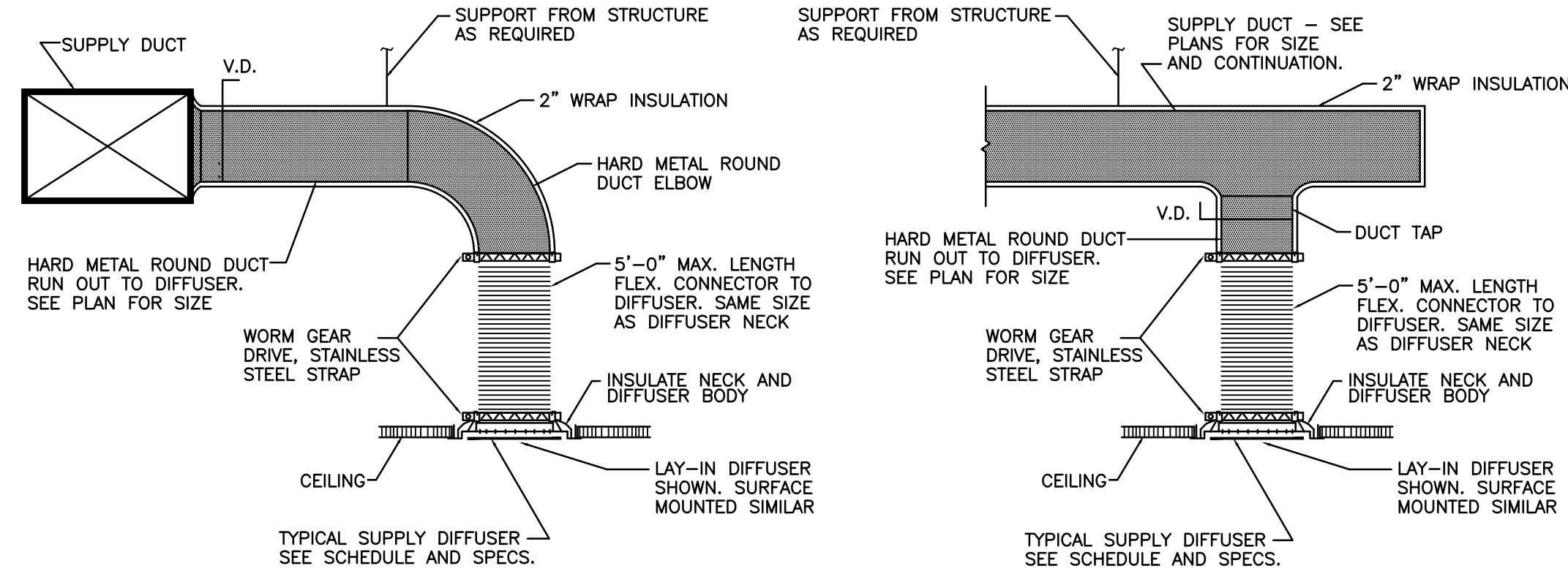
GENERAL H.V.A.C. NOTES:
1. ALL NEW THERMOSTATS SHALL BE 7-DAY PROGRAMMABLE TYPE T'STATS.



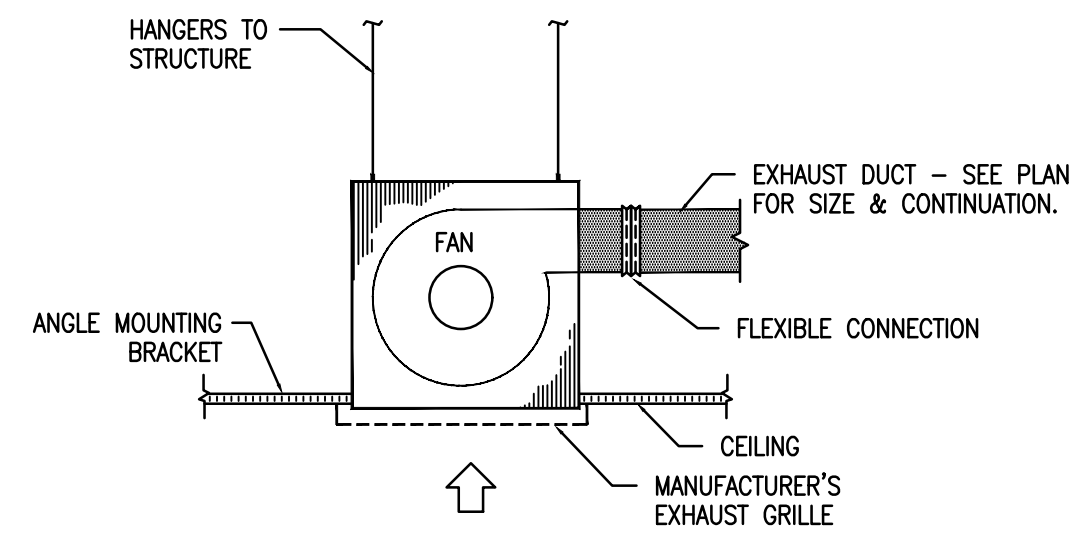
FLOOR PLAN - H.V.A.C.
SCALE: 1/8"=1'-0"
NORTH



SCWA# 24-022
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SCWA Mechanical Engineers
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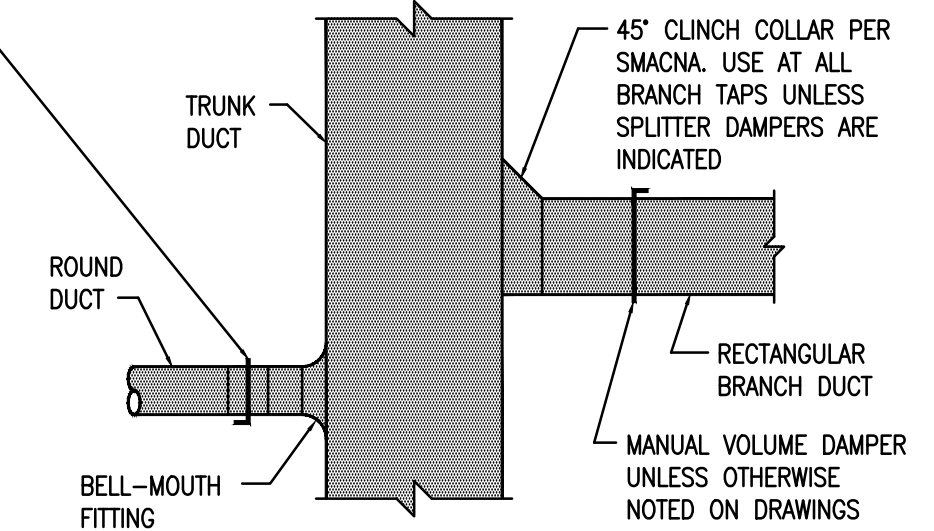


TYPICAL DIFFUSER MOUNTING
N.T.S.



CEILING MOUNTED EXHAUST FAN DETAIL
N.T.S.

NOTE:
DAMPERS SHALL BE PROVIDED IN ALL BRANCH RUN-OUTS TO DIFFUSERS, GRILLES AND REGISTERS UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS. DAMPERS ABOVE INACCESSIBLE CLG. SHALL BE COORDINATED WITH ACCESS DOORS. IF DAMPERS OCCUR IN AREAS NOT ACCESSIBLE FROM ACCESS DOORS PROVIDE OPERATOR ROD AND CLG. REGULATOR WITH GASKET AND SEALED CEILING PENETRATION.
PROVIDE MANUAL OPPOSED BLADE VOLUME DAMPER IN BRANCH LINE UNLESS OTHERWISE NOTED ON DRAWINGS. DAMPERS SHALL BE INSTALLED IN ACCESSIBLE LOCATION NEAR TRUNK DUCT AND MINIMUM OF 5'-0" FROM ANY AIR INLET OR OUTLET DEVICE.
COORDINATE WITH ACCESS DOORS IN NON-ACCESSIBLE CLGS.



BRANCH DUCT TAP DETAIL
N.T.S.

- GENERAL NOTES:
- A. INSTALLATION
 1. ALL PIPING OR DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR SUSPENDED CEILINGS.
 2. THERMOSTATS SHALL BE LOCATED 5'-0" ABOVE FLOOR AND SHALL CLEAR ALL EQUIPMENT. THERMOSTATS LOCATED NEXT TO DOORS SHALL BE LOCATED ON LATCH SIDE OF DOOR.
 3. COORDINATE DIFFUSER, GRILLE, AND REGISTER LOCATIONS WITH REFLECTED CEILING PLAN.
 4. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COORDINATION OF WORK OF ALL TRADES TO ASSURE PROPER INSTALLATION AND CLEARANCES. DRAWINGS ARE ESSENTIALLY DIAGRAMMATICAL AND THEREFORE CONTRACTOR SHOULD PLAN EXACT ROUTING OF DUCT AND PIPE BASED ON FIELD CONDITIONS. PROVIDE ADDITIONAL TRANSITIONS AND OFFSETS AS NECESSARY (AT NO ADDITIONAL COST TO OWNER) TO COMPLETE INSTALLATION AND MAINTAIN REQUIRED CEILING HEIGHTS.
 5. ACCESS PANELS IN DUCTWORK AND NON-ACCESSIBLE CEILINGS SHALL BE PROVIDED FOR OPERATION AND MAINTENANCE OF ALL BOXES, COILS, VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. PROVIDE MINIMUM 24" X 24" CEILING ACCESS PANEL FOR VAV BOXES AND 12" X 12" FOR DAMPERS. COORDINATE EXACT PLACEMENT OF ACCESS PANELS AND EQUIPMENT SO THAT REASONABLE MAINTENANCE SPACE IS AVAILABLE.
 6. CONTRACTOR SHALL COORDINATE ALL OPENINGS IN ROOF TO CONFORM WITH DIMENSIONS OF EQUIPMENT PURCHASED. DUCTS THROUGH ROOF TO FANS AND HVAC EQUIPMENT SHALL BE TRANSITIONED TO COORDINATE WITH EQUIPMENT CONNECTION SIZES AND ROOF OPENING REQUIREMENTS.
 7. INSTALLATION OF ALL EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH STANDARD DETAILS, SECTIONS, AND ELEVATIONS SHOWN ON THE DRAWINGS.
 8. CONTRACTOR SHALL MAINTAIN A CLEAR SERVICE AREA AROUND ALL EQUIPMENT FOR MAINTENANCE SUCH AS, FILTER REMOVAL, MOTOR AND DRIVE ADJUSTMENTS, COIL AND TUBE CLEANING OR REMOVAL.
 9. ALL CONSTRUCTION SHALL BE PER DETAILS AND SPECIFICATIONS OF CONTRACT DOCUMENTS.
 - B. DUCTWORK
 1. ALL DUCT RUNOUTS TO DIFFUSERS, RETURN AIR GRILLES AND EXHAUST GRILLES SHALL BE COMPLETE WITH VOLUME DAMPERS UNLESS NOTED OTHERWISE. DAMPERS MAY BE OMITTED IN DUCT RUNOUTS FROM BOXES SERVING SINGLE DIFFUSER. LOCATE DAMPERS SO THEY ARE ACCESSIBLE FROM LAY-IN CEILING OR ACCESS DOORS.
 2. ROUND SUPPLY RUNOUTS TO DIFFUSERS SHALL BE HARD METAL TO WITHIN 5'-0" DEVELOPED LENGTH FROM DIFFUSER. MAXIMUM 5'-0" OF FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTION TO DIFFUSER.
 3. DUCT TRANSITIONS SHALL BE PROVIDED AS REQUIRED FROM ALL EQUIPMENT CONNECTS TO DUCT SIZES INDICATED ON DRAWINGS.
 4. PROVIDE EASED INLET RECTANGULAR TO ROUND TAPS AT DUCT TAPS IF ROUND DUCT SIZE IS TOO LARGE FOR BELLMOUTH TAP TO TRUNK DUCT.

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Project Title

NEW SERVICE BUILDING FOR MAC HAIK

Date: 2/23/2024
Drawn By: DVM
Checked By: SCW

Sheet Number
M-2
Professional Seal



SCWA# 24-022
Scott C. Woods and Associates

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NEW SERVICE BUILDING FOR MAC HAIK

GLUCKSTADT, MS

Date: 2/23/2024
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Sheet Number: **M-3**
 Professional Seal

OUTDOOR HEAT PUMP SCHEDULE															
MARK	MAKE	MODEL	COOLING			HEATING			ELECTRICAL				MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE	REMARKS
			AMBIENT	MBH	SEER	AMBIENT	MBH	COP	COMP. FLA	FAN FLA	VOLTS	PHASE			
OHP-1	TRANE	4TTR4024	95°F	24.0	14.0	47°F	24.0	----	10.1	0.85	208	1	13	20	

INDOOR HEAT PUMP SCHEDULE																				
MARK	MAKE	MODEL	FAN			MOTOR			COOLING-95° AMB.				HEATING-47° AMB.				MCA	MOP	REMARKS	
			TOT CFM	O.A. CFM	E.S.P.	HP	VOLTS	PH.	EAT	TMBH	SMBH	EAT	MBH	AUX. HEAT KW	STEPS	VOLTS				PH.
IHP-1	TRANE	TEM4A24	800	80	.50"	1/3	208	1	80°/67°F	24.0	18.3	75°	24.0	7.2	1	208	1	45	45	PROVIDE W/ 1" FILTER RACK SINGLE POINT POWER CONNECTION

ROOFTOP UNIT SCHEDULE (COOLING ONLY)																					
MARK	MAKE	MODEL	TYPE	COOLING CAPACITY			ELECTRIC		EVAPORATOR FAN				CONDENSER FAN			COMP.		MCA	MOP	REMARKS	
				TMBH	SMBH	ENTERING AIR DB/WB	VOLTS	PHASE	CFM	O.A.	ESP	H.P.	FLA	NO.	VOLTS	FLA	NO.				FLA
RTU-1	TRANE	TSJ120	HORIZONTAL	120.0	----	80°/67°F	208	3	4,000	200	.50"	3.0	8.8	1	208	2.8	2	25.8/9.7	54	70	
RTU-2	TRANE	TSJ120	HORIZONTAL	120.0	----	80°/67°F	208	3	4,000	200	.50"	3.0	8.8	1	208	2.8	2	25.8/9.7	54	70	
RTU-3	TRANE	TSJ210	HORIZONTAL	214.0	----	80°/67°F	208	3	7,000	700	.50"	(2)3.0	8.8 EA.	2	208	4.3 EA.	2	35.7/20.2	93	125	
RTU-4	TRANE	TSJ210	HORIZONTAL	214.0	----	80°/67°F	208	3	7,000	700	.50"	(2)3.0	8.8 EA.	2	208	4.3 EA.	2	35.7/20.2	93	125	

FAN SCHEDULE															
MARK	MAKE	MODEL	TYPE	CFM	RPM	ESP	WHEEL		DRIVE	SONES	MOTOR			INTERLOCKED W/ CONTROLLED BY	REMARKS
							TYPE	MIN DIA			HP	VOLTS	PHASE		
EF-1	COOK	GC-140	CLG. MTD.	100	1500	.25"	FC	----	DIRECT	3.1	.009	120	1	MOTION SENSOR	A,B,C,D
EF-2	COOK	GC-140	CLG. MTD.	100	1500	.25"	FC	----	DIRECT	3.1	.009	120	1	MOTION SENSOR	A,B,C,D
EF-3	COOK	GC-140	CLG. MTD.	100	1500	.25"	FC	----	DIRECT	3.1	.009	120	1	WALL SWITCH	A,B,C,D
EF-4	COOK	48XMWH	WALL PROP	25,000	526	.125"	PROP	----	BELT	28	3.0	208	3	STARTER	C,E,F
EF-5	COOK	48XMWH	WALL PROP	25,000	526	.125"	PROP	----	BELT	28	3.0	208	3	STARTER	C,E,F

ACCESSORIES: (A) VIBRATION ISOLATORS (B) GRAVITY BACKDRAFT DPR. (C) DISCONNECT (D) SPEED CONTROLLER (E) WALL COLLAR (F) GRAVITY SHUTTER

GRILLE, REGISTER AND DIFFUSER SCHEDULE															
MARK	MAKE	MODEL	TYPE	USE			MTG	PANEL SIZE	NECK SIZE	MAX CFM	MAX PD	DAMPER	FINISH	PATTERN	REMARKS
				S	R	E									
A	TITUS	TDC-AA	LOUVER FACE	X			LAY-IN	24x24"	SEE PLANS	SEE PLANS	.07"	----	WHITE	SEE PLANS	
B	TITUS	300F	DOUBLE DEFLECTION	X			DUCT	MFGR'S STANDARD	SEE PLANS	SEE PLANS	.07"	----	ALUMINUM	FULLY ADJUSTABLE	
C	TITUS	50F	CUBE CORE		X		LAY-IN	24x12"	22x10"	1200	.05"	----	WHITE	----	
D	TITUS	30F	FIXED BLADE			X	SIDEWALL	MFGR'S STANDARD	SEE PLANS	SEE PLANS	.07"	----	ALUMINUM	0° DEFLECTION	



SCWA# 24-022
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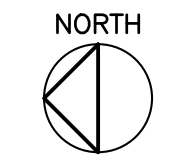
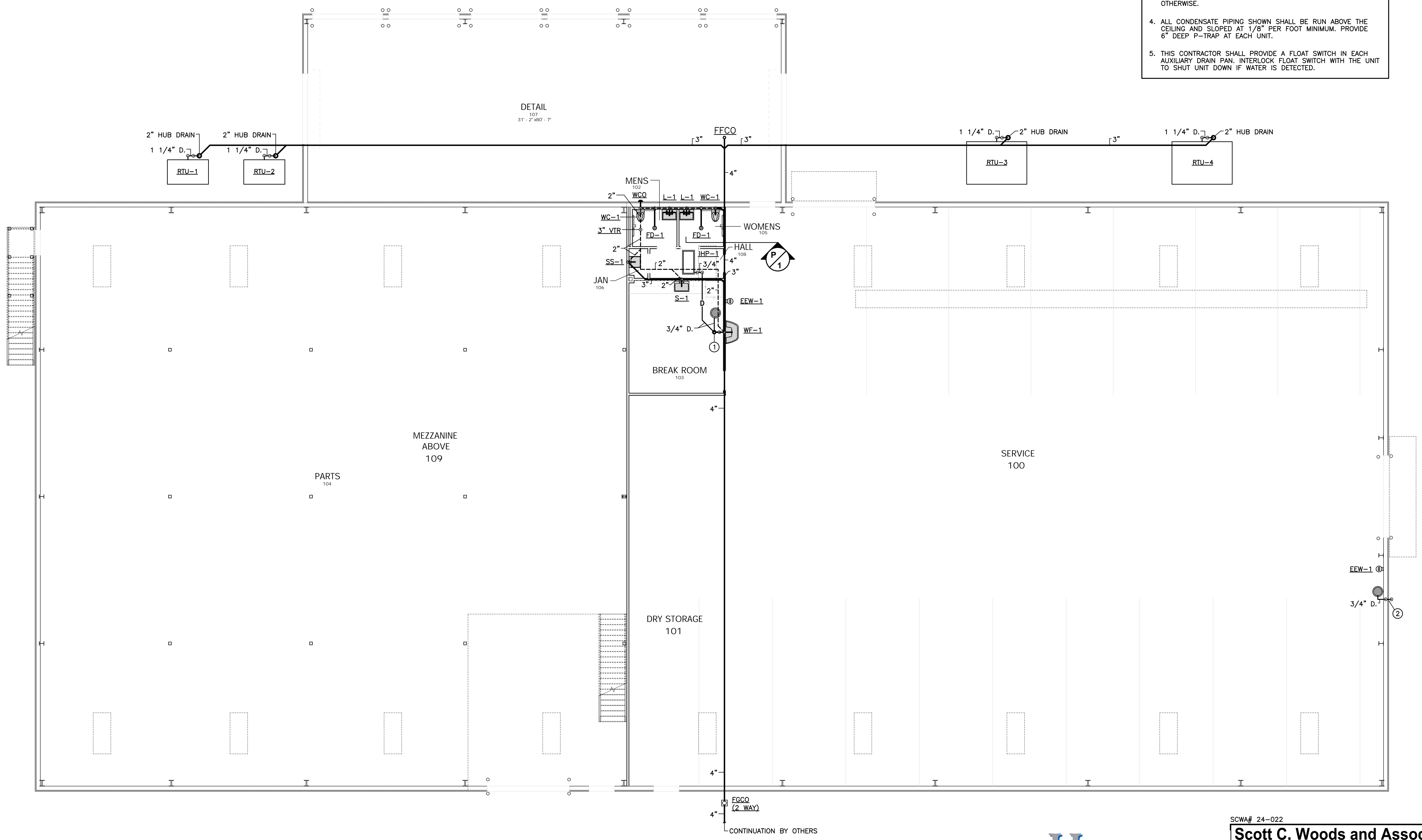
Project Title
NEW SERVICE BUILDING FOR MAC HAIK
GLUCKSTADT, MS

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P-1
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KEYED NOTES
① INDICATES 2" DEEP SEAL P-TRAP WITH 2x3" INCREASER AND SURE SEAL ABOVE CEILING.
② ROUTE 3/4" DRAIN DOWN WALL AND TURN OUT 4" ABOVE FINISHED GRADE.

GENERAL PLUMBING NOTES
1. THIS CONTRACTOR SHALL COORDINATE SEWER INVERTS WITH CIVIL CONTRACTOR BEFORE INSTALLING PIPE.
2. ALL SANITARY SEWER PIPING SHOWN SHALL BE BELOW THE FLOOR AND SLOPED AT 1/8" PER FOOT MINIMUM UNLESS NOTED OTHERWISE.
3. ALL VENT PIPING SHALL BE ABOVE THE CEILING UNLESS NOTED OTHERWISE.
4. ALL CONDENSATE PIPING SHOWN SHALL BE RUN ABOVE THE CEILING AND SLOPED AT 1/8" PER FOOT MINIMUM. PROVIDE 6" DEEP P-TRAP AT EACH UNIT.
5. THIS CONTRACTOR SHALL PROVIDE A FLOAT SWITCH IN EACH AUXILIARY DRAIN PAN. INTERLOCK FLOAT SWITCH WITH THE UNIT TO SHUT UNIT DOWN IF WATER IS DETECTED.



FLOOR PLAN - WASTE AND VENT
SCALE: 1/8"=1'-0"



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FGCO (2 WAY)
CONTINUATION BY OTHERS



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GLUCKSTADT, MS

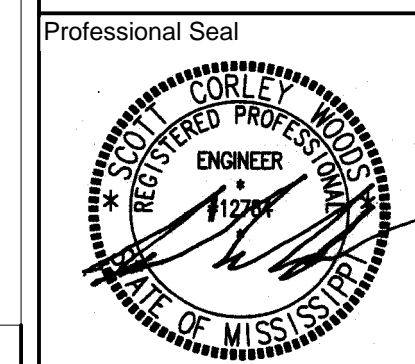
Date 2/23/2024

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Sheet Number

P-2



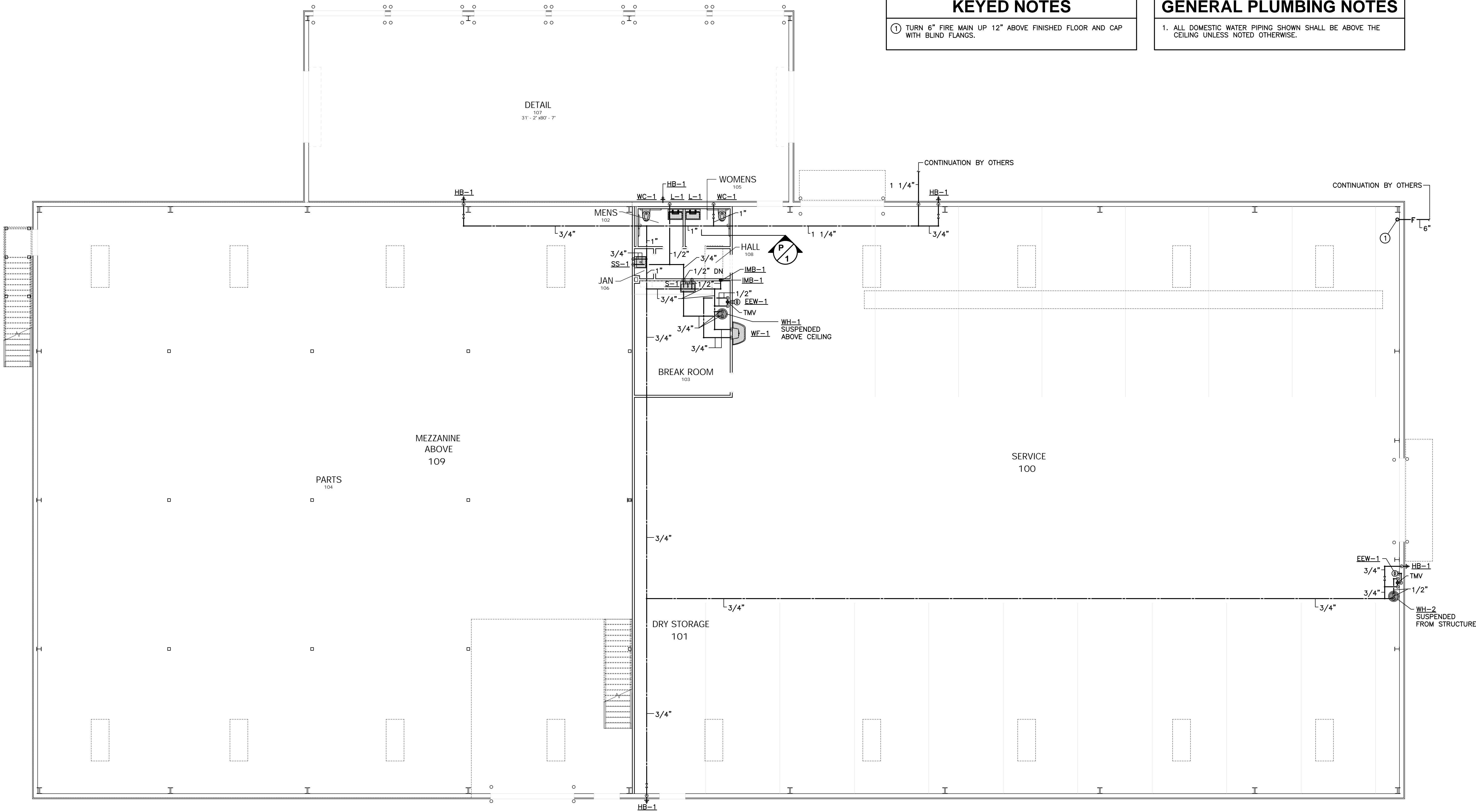
KEYED NOTES

① TURN 6" FIRE MAIN UP 12" ABOVE FINISHED FLOOR AND CAP WITH BLIND FLANGES.

GENERAL PLUMBING NOTES

1. ALL DOMESTIC WATER PIPING SHOWN SHALL BE ABOVE THE CEILING UNLESS NOTED OTHERWISE.

DETAIL
107
31' - 2" x 80' - 7"



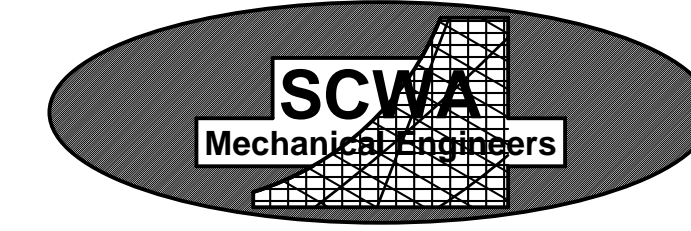
FLOOR PLAN - DOMESTIC WATER

SCALE: 1/8"=1'-0"



SCWA# 24-022

Scott C. Woods and Associates



112 Lone Wolf Dr., Madison, Ms 39110
Ph. (601)859-9864/Fax (601)859-2564/Email www.scweng.com



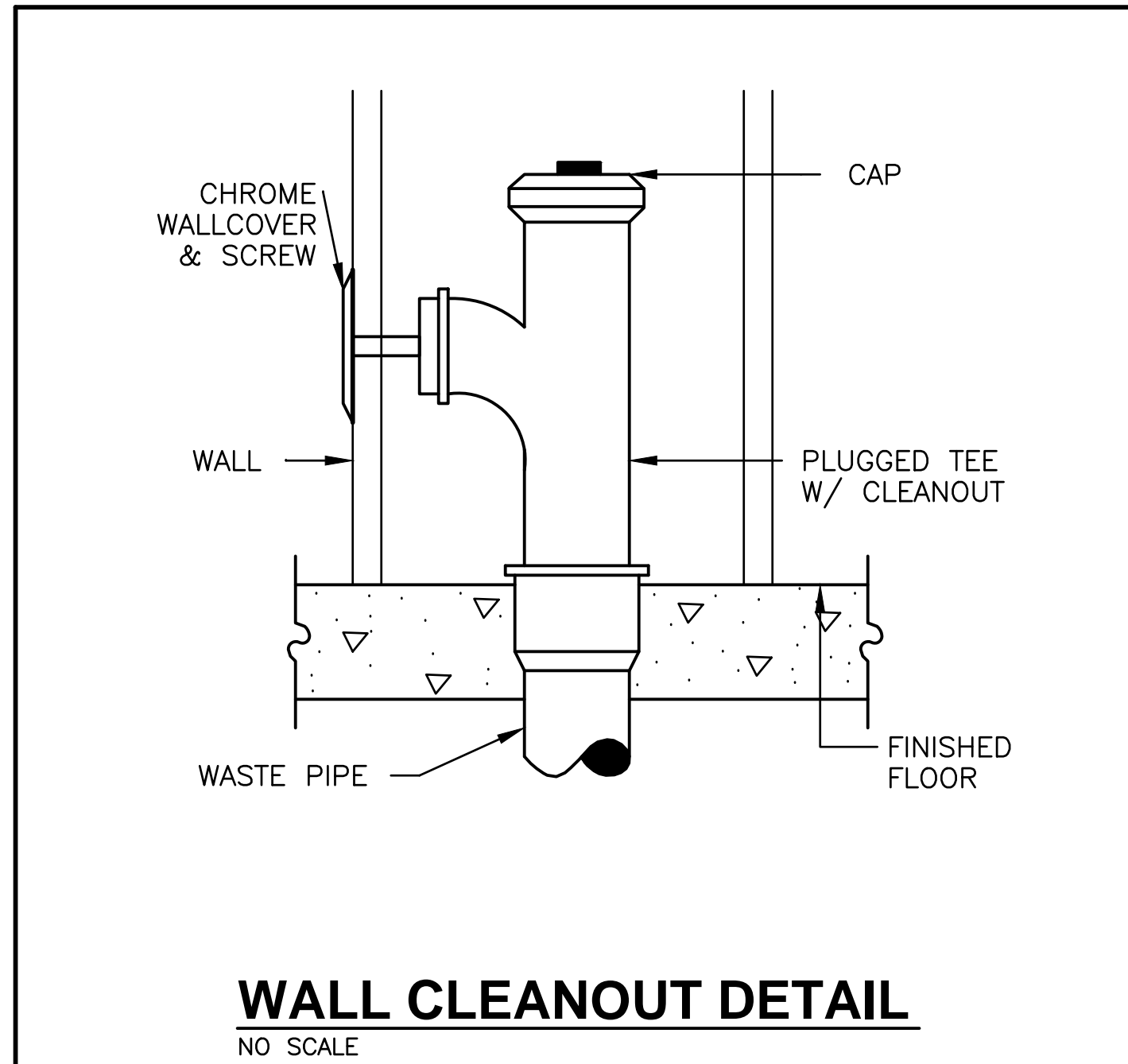
PEOPLES CONSTRUCTION
DESIGN - BUILD GENERAL CONTRACTORS
3913 Underwood Drive || Flowood, MS 39232
Office: 601-932-1111 || Fax: 601-932-1112
www.peoplesconstruction.com

NEW SERVICE BUILDING FOR MAC HAIK

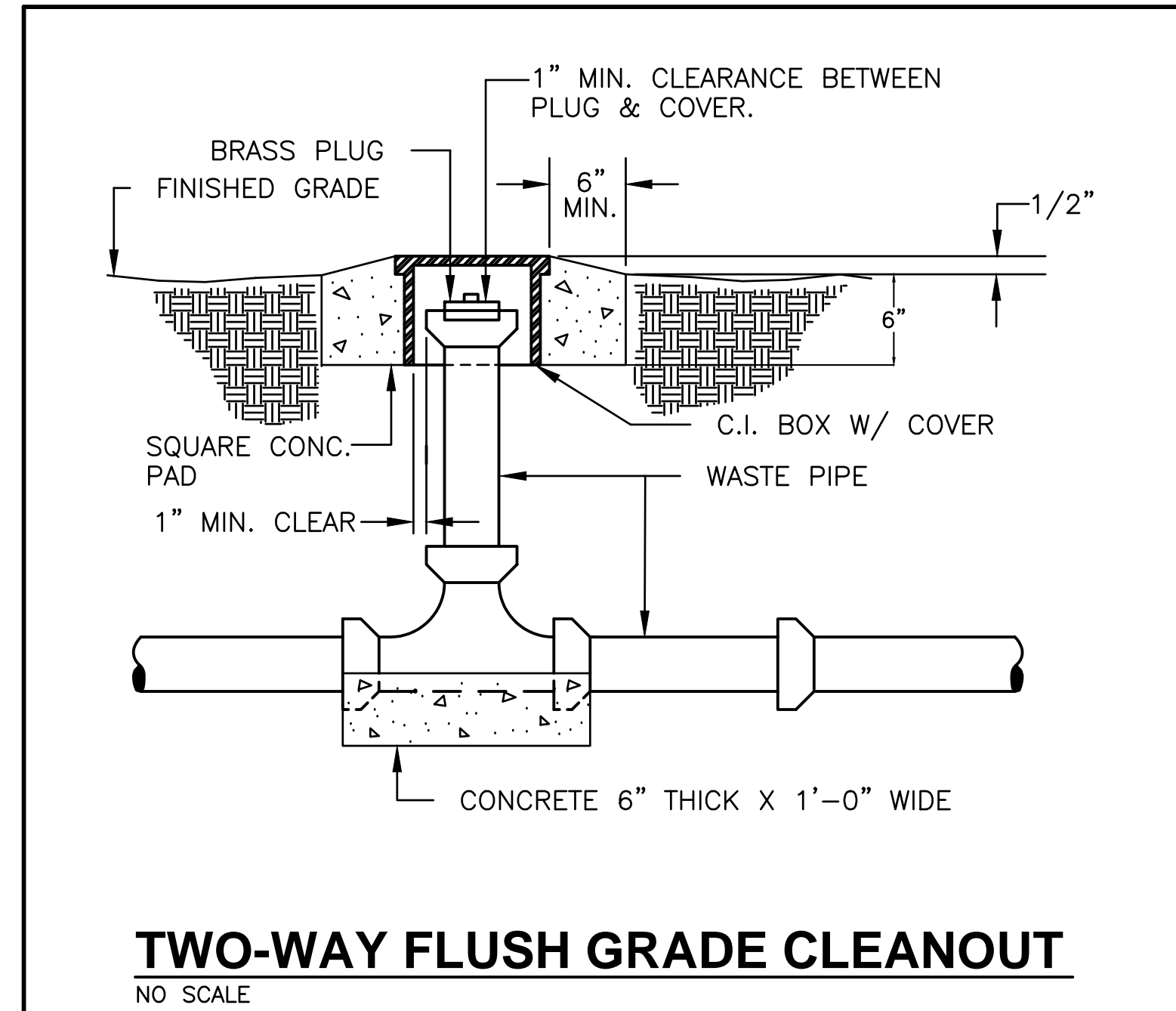
Date: 2/23/2024
Drawn By: DVM
Checked By: SCW

Sheet Number

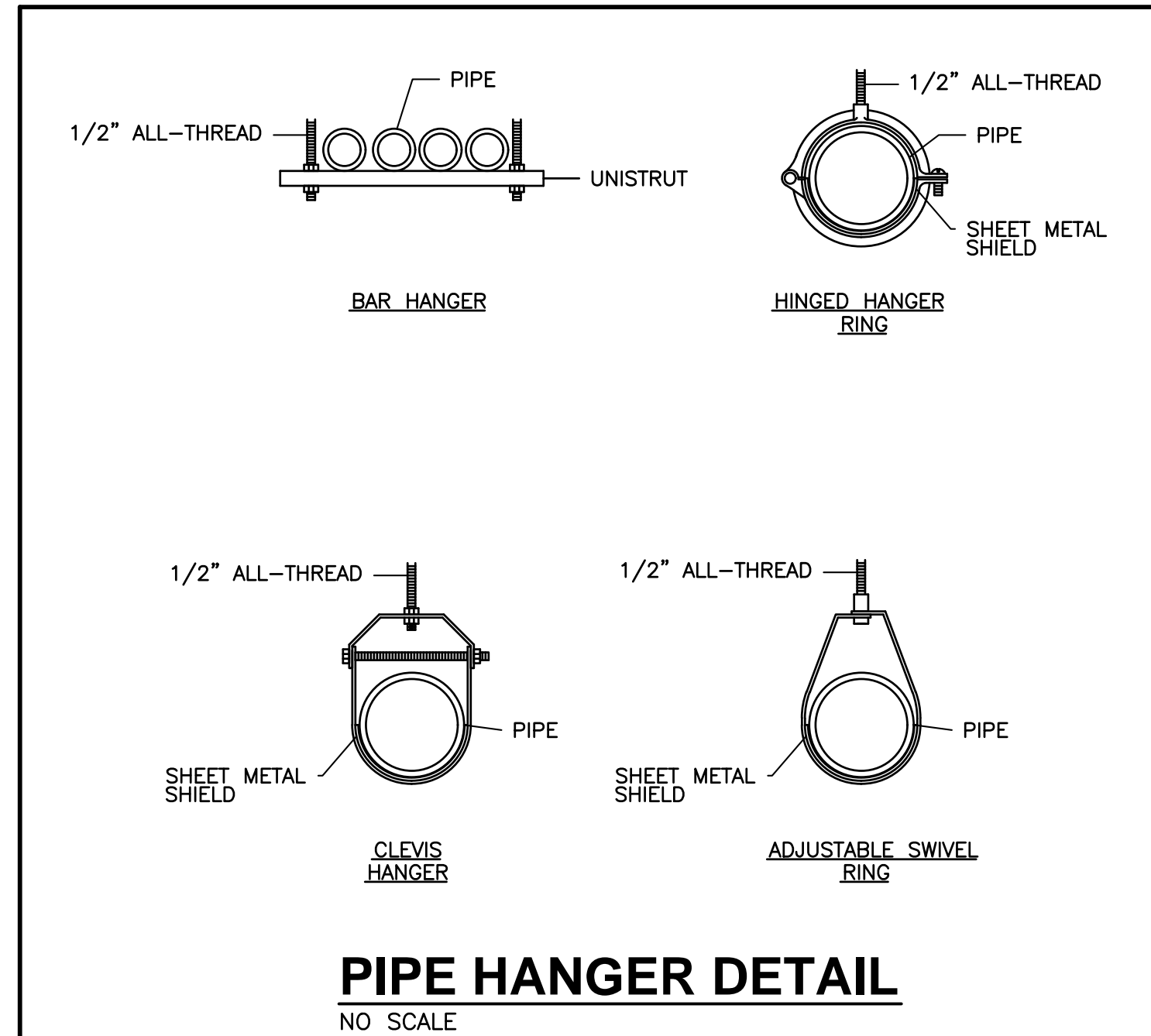
P-3



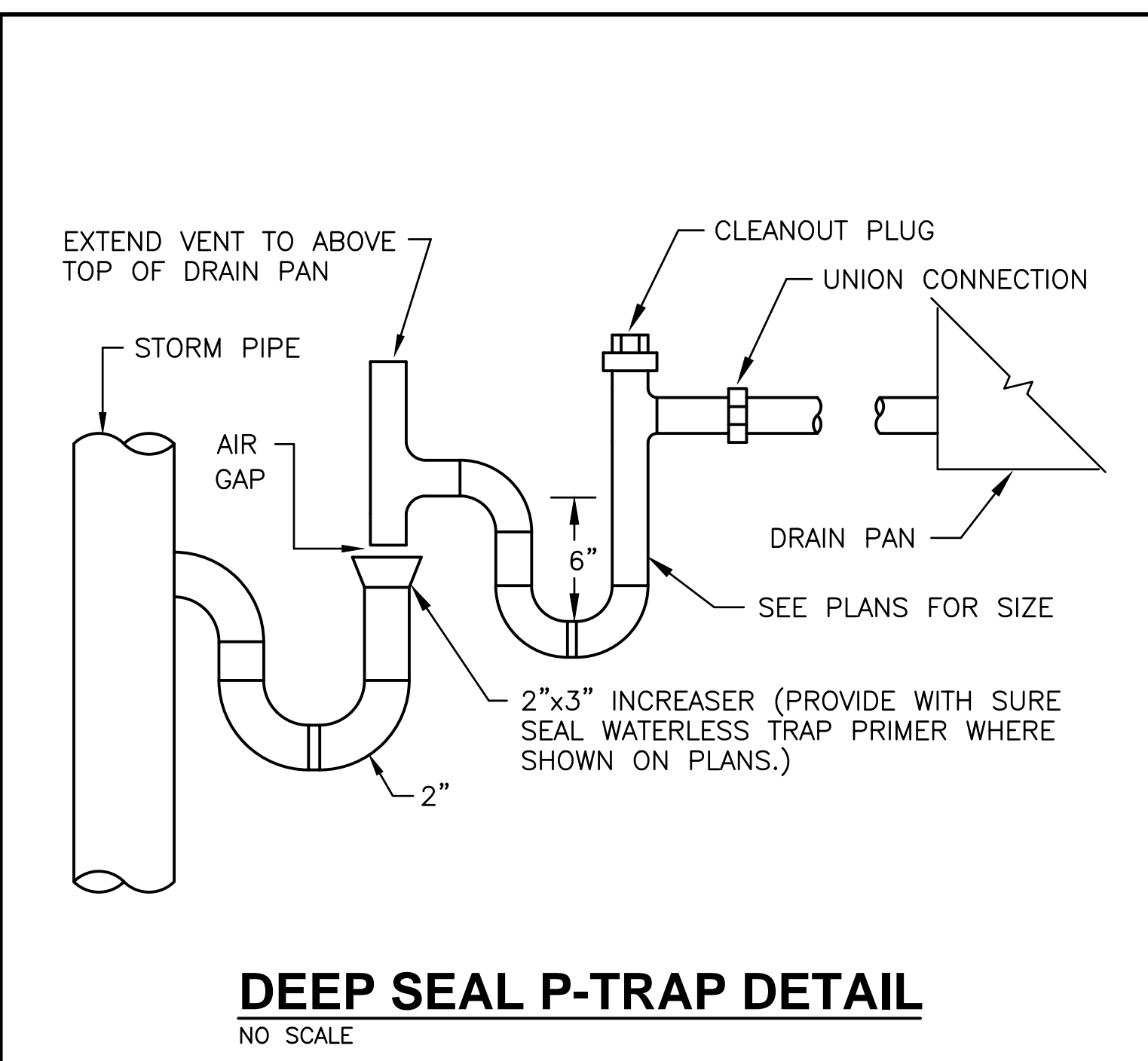
WALL CLEANOUT DETAIL
NO SCALE



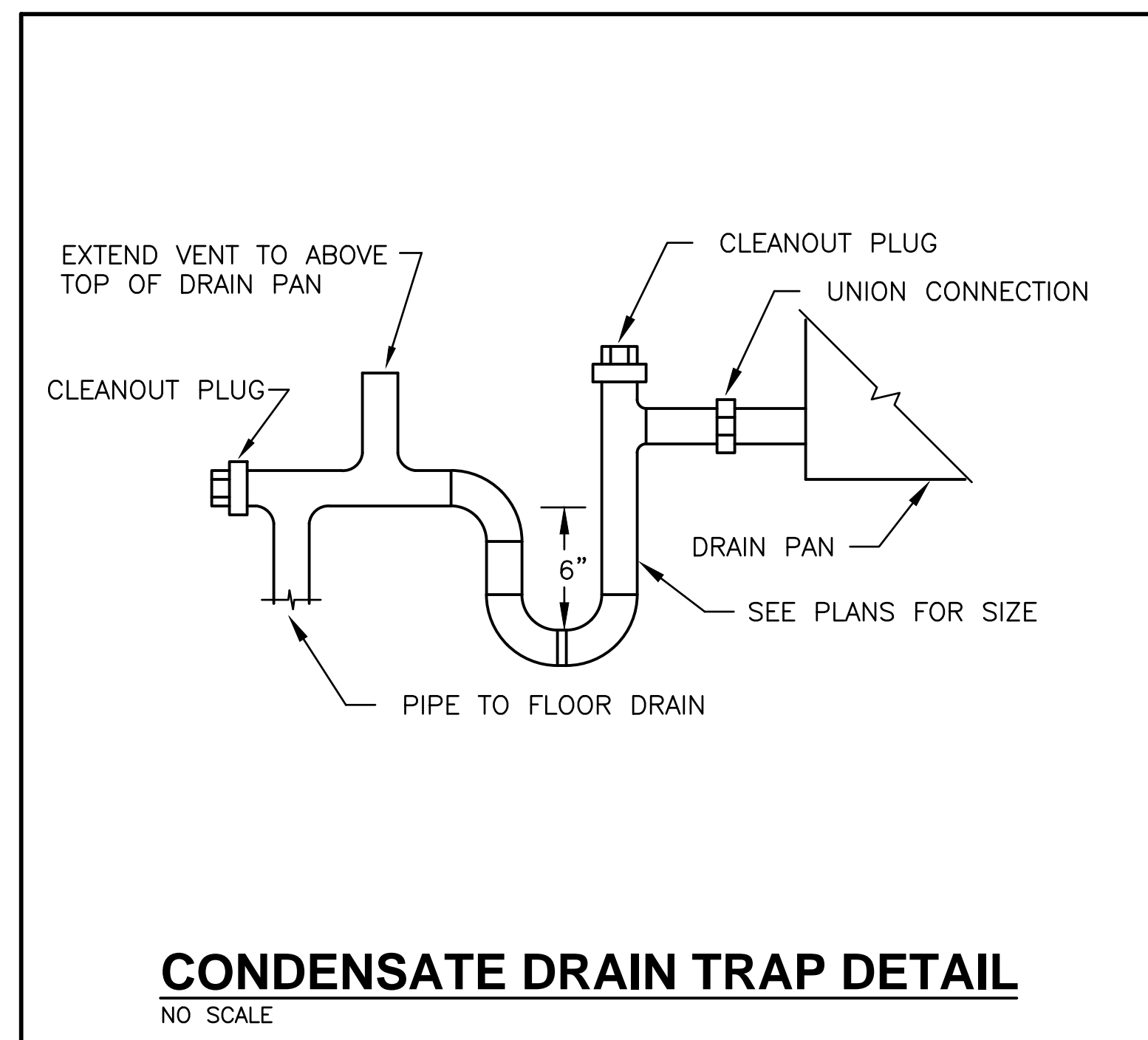
TWO-WAY FLUSH GRADE CLEANOUT
NO SCALE



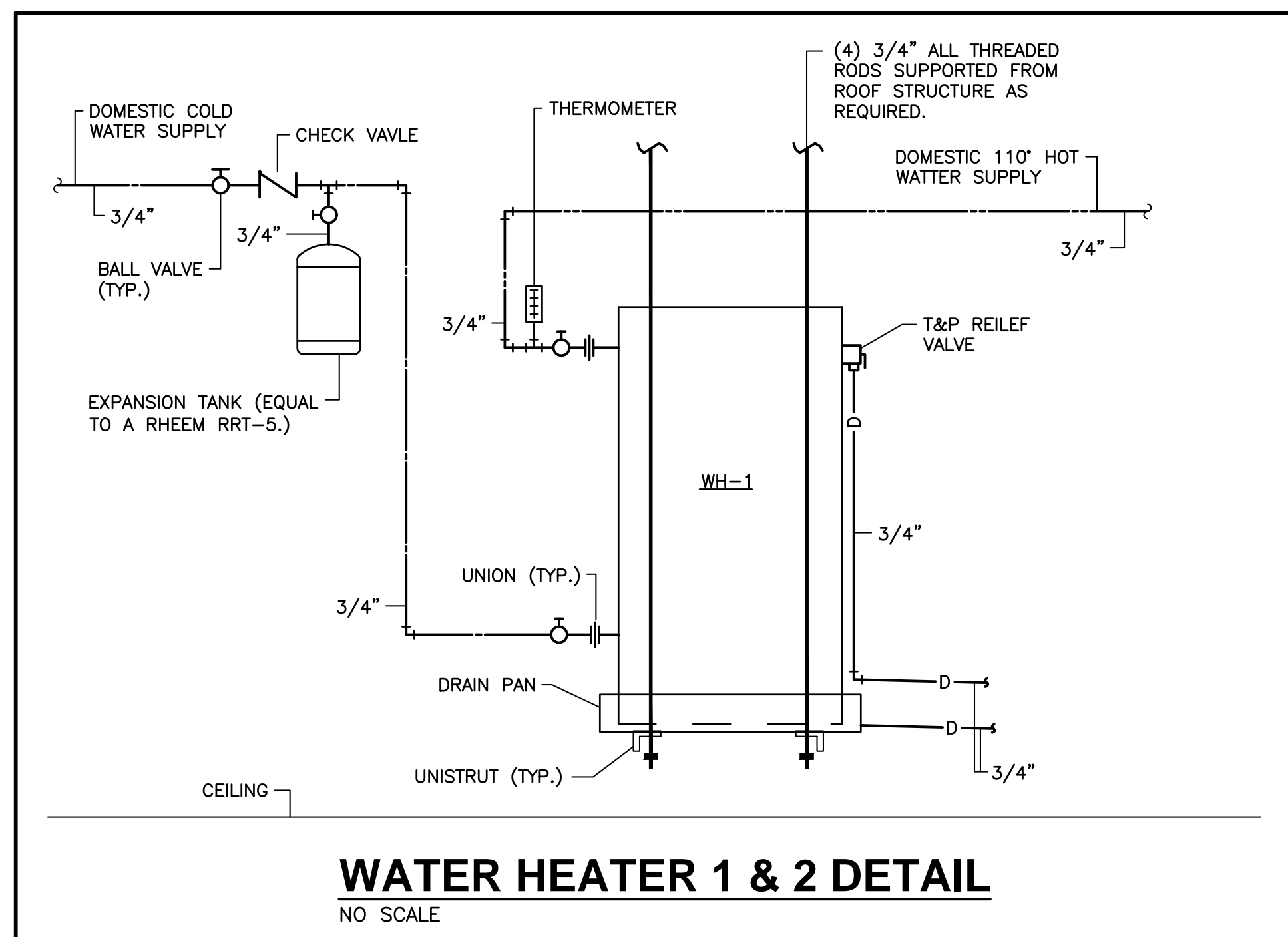
PIPE HANGER DETAIL
NO SCALE



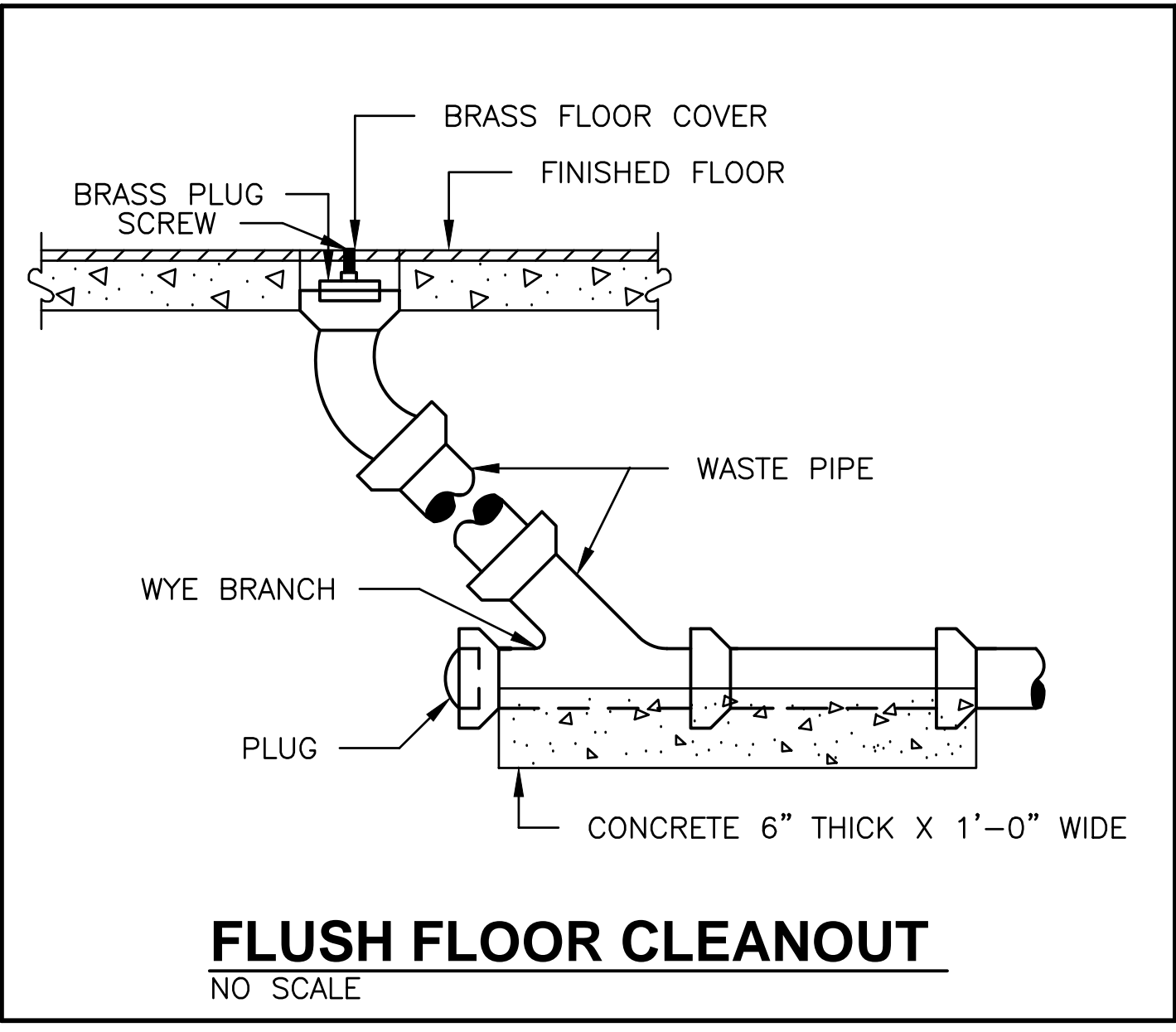
DEEP SEAL P-TRAP DETAIL
NO SCALE



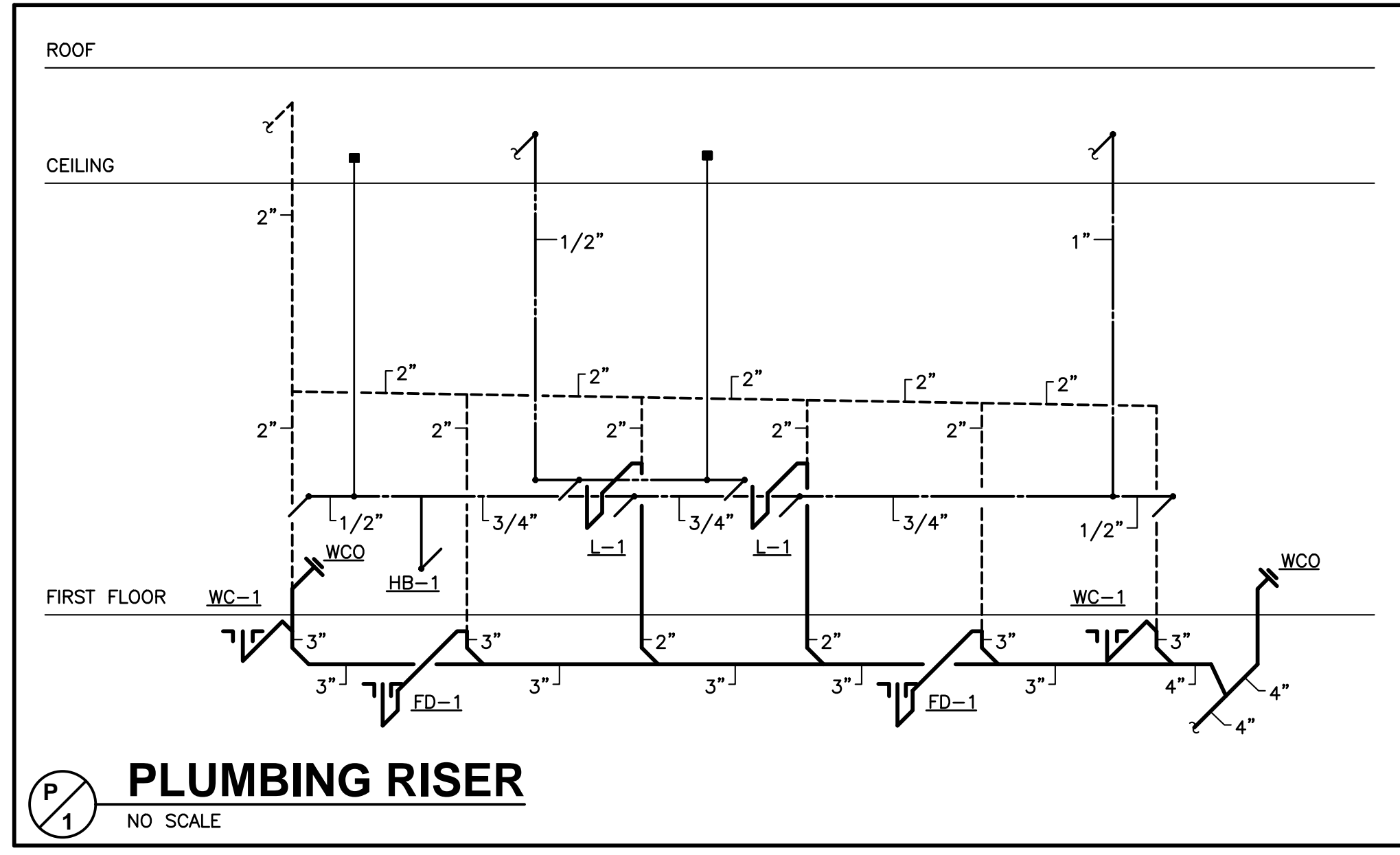
CONDENSATE DRAIN TRAP DETAIL
NO SCALE



WATER HEATER 1 & 2 DETAIL
NO SCALE



FLUSH FLOOR CLEANOUT
NO SCALE



PLUMBING RISER
NO SCALE



SCWA# 24-022
Scott C. Woods and Associates
SCWA Mechanical Engineers
112 Lone Wolf Dr., Madison, MS 39110
Ph. (601)859-9864/Fax (601)859-2564/Email www.scweng.com



WATER HEATERS										
MARK	FUEL	STORAGE GALLONS	RECOVERY GPH @ 90' RISE	INPUT M.B.H.	ELEC. DATA			FLUE	MFR. AND MODEL	REMARKS
					SERVICE	BLOWER H.P.	K.W.			
WH-1	ELECTRIC	20	21	---	208V/1PH	---	2@4.5	---	RHEEM PROE20 S2 RH	NON-SIMULTANEOUS ELEMENTS
WH-2	ELECTRIC	20	21	---	208V/1PH	---	2@4.5	---	RHEEM PROE20 S2 RH	NON-SIMULTANEOUS ELEMENTS

STANDARD PLUMBING LEGEND	
DOMESTIC COLD WATER	
DOMESTIC 110° HOT WATER	
SANITARY SEWER PIPING	
VENT PIPING	
GAS PIPING	
CONDENSATE DRAIN LINE	
BALL VALVE	
CHECK VALVE	
UNION	
GAS COCK	
WATER HAMMER ARRESTOR	
VENT THROUGH ROOF	
FLUSH GRADE CLEANOUT	
WALL CLEANOUT	

PLUMBING FIXTURE SCHEDULE													
MARK	DESCRIPTION	MAKE	MODEL	SUPPLY FITTING	SUPPLY PIPE(S)	DRAIN	TRAP	ROUGH-IN SIZES					REMARKS
								C.W.	H.W.	WASTE	VENT	TRAP	
WC-1	WATER CLOSET, FLOOR MOUNTED, PRESSURE TANK TYPE, A.D.A.	KOHLER	K-3493	---	ZURN ZH8824CR	---	---	1/2"	---	4"	2" or 4"	INT.	W/ BEMIS 1055SSC WHITE SEAT, W/ BOLT CAPS. OPEN FRONT AND FLUSH TO SIDE.
L-1	LAVATORY, WALL HUNG A.D.A., 20"x18"	KOHLER	K-2005	DELTA 22C101	ZURN ZH8824LR	ZURN Z-8746	ZURN Z8710BN	1/2"	1/2"	2"	2"	1 1/4"	COORDINATE ROUGH-IN WITH DRAIN ASSEMBLY. INSULATE DRAIN, P-TRAP AND SUPPLY PIPES WITH TRAP WRAP CS00-RHS. PROVIDE ZURN MODEL ZW1070XL MIXING VALVE.
WF-1	WASHFOUNTAIN, 3 STATION	ACORN	3423-2-S0	---	ZURN ZH8824LR	---	ZURN Z8702BN	3/4"	3/4"	2"	2"	1 1/2"	REQUIRES 120v,1ph RECEPTACLE. SET AT 105' LEAVING WATER TEMPERATURE.
S-1	SINK, STAINLESS STEEL, SINGLE COMPARTMENT 22"x19"x7 1/4"	ELKAY	PSR2219	DELTA 26T2944	ZURN ZH8824LR	ELKAY LK-35	ZURN Z8702BN	1/2"	1/2"	2"	2"	1 1/2"	
SS-1	SERVICE SINK, FLOOR MOUNTED	MUSTEE	17F	MUSTEE 93.600	---	---	KOHLER K-6673	3/4"	3/4"	2"	2"	1 1/2"	WITH VACUUM BREAKER.
IMB-1	ICE MAKER BOX	OATEY	38681	---	---	---	---	1/2"	---	---	---	---	MOUNT BOTTOM AT 12" ABOVE THE FINISHED FLOOR.
FD-1	FLOOR DRAIN POLISHED BRONZE	ZURN	ZB-415-B	---	---	---	---	---	---	3"	2"	3"	WITH SURE SEAL WATERLESS TRAP PRIMER.
EEW-1	EMERGENCY EYE/FACE WASH	ACORN SAFETY	S0420	---	ZURN ZH8824LR	---	ZURN Z8710BN	1/2"	1/2"	2"	2"	1 1/4"	WITH ACORN SAFETY MODEL ET71-1-BVS-OTG THERMOSTATIC MIXING VALVE.
HB-1	HOSE BIBB FREEZE PROOF	ARROWHEAD	38LF	---	---	---	---	3/4"	---	---	---	---	WITH VACUUM BREAKER.

PEOPLES CONSTRUCTION
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 Office: 601-932-1111 || Fax: 601-932-1112
 www.peoplesconstruction.com

Project Title

NEW SERVICE BUILDING FOR MAC HAIK
 GLUCKSTADT, MS

Date: 2/23/2024
 Drawn By: DVM
 Checked By: SCW

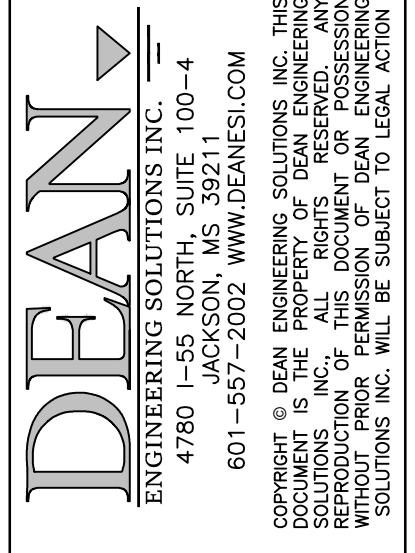
Sheet Number

P-4



SCWA# 24-022
Scott C. Woods and Associates

 112 Lone Wolf Dr./Madison, Ms 39110
 Ph. (601)859-9864/Fax (601)859-2564/Email www.scweng.com



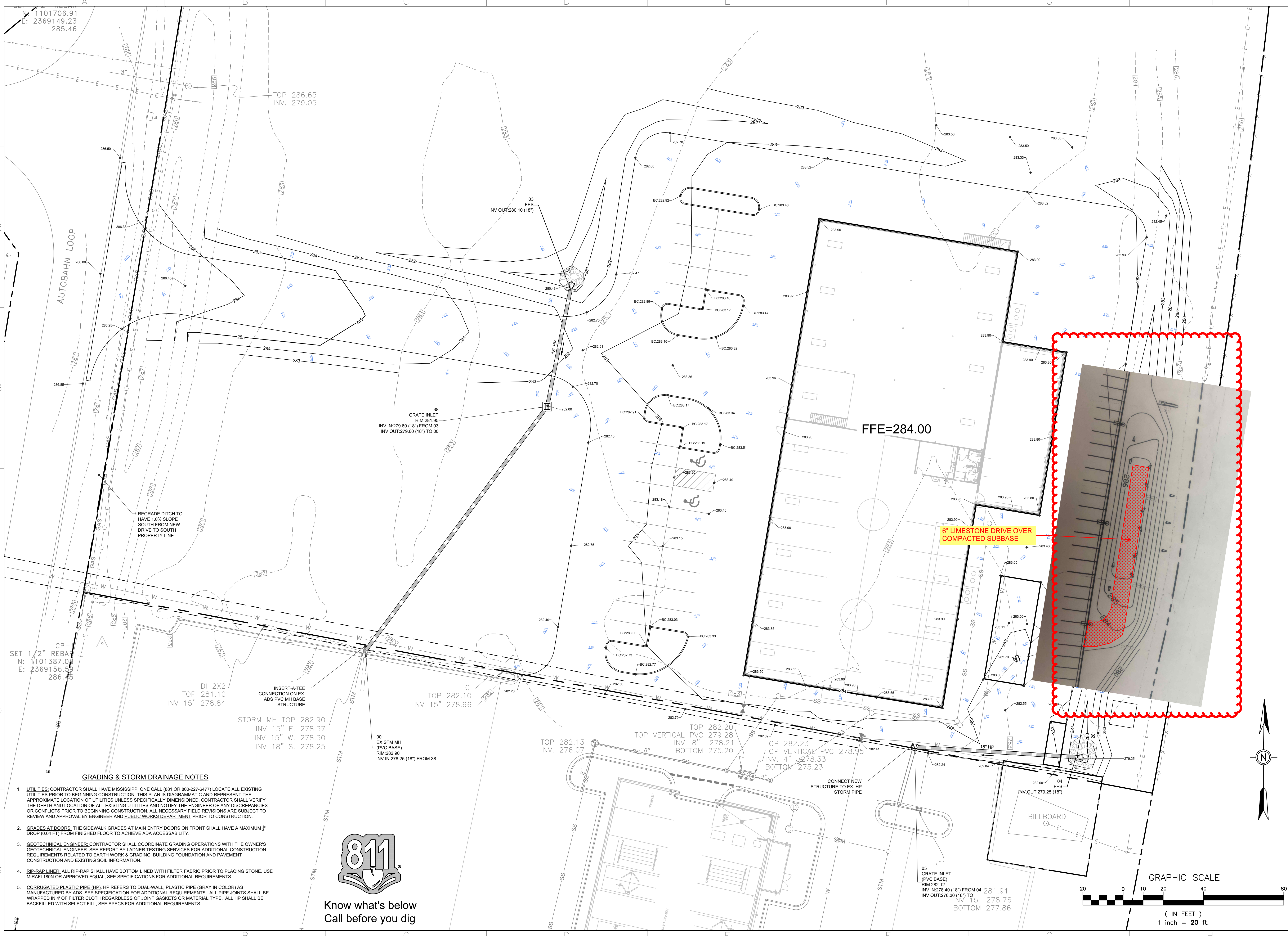
No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	02-27-2024
2	PLANS REVISED PER REVIEW COMMENTS	03-12-2024

OWNER:
MAC HAIK
AUTBAHN LOOP
GLUCKSTADT, MS 39110

PROJECT TITLE: **MAC HAIK NEW SERVICE BUILDING**
SHEET TITLE:
GRADING PLAN
SITE DEVELOPMENT

JOB NO.: 240201
DATE: 05 FEB 2024
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
5



CP-
SET 1/2" REBAR
N: 1101706.91
E: 2369149.23
285.46

TOP 286.65
INV. 279.05

AUTOBAHN LOOP

03
FES
INV OUT: 280.10 (18")

38
GRATE INLET
RIM: 281.95
INV IN: 279.60 (18") FROM 03
INV OUT: 279.60 (18") TO 00

FFE=284.00

6" LIMESTONE DRIVE OVER
COMPACTED SUBBASE

REGRADE DITCH TO
HAVE 1.0% SLOPE
SOUTH FROM NEW
DRIVE TO SOUTH
PROPERTY LINE

CP-
SET 1/2" REBAR
N: 1101387.08
E: 2369156.59
286.45

DI 2X2
TOP 281.10
INV 15" 278.84

INSERT A-TEE
CONNECTION ON EX-
ADS PVC MH BASE
STRUCTURE

CI
TOP 282.10
INV 15" 278.96

STORM MH TOP 282.90
INV 15" E. 278.37
INV 15" W. 278.30
INV 18" S. 278.25

00
EX STM MH
(PVC BASE)
RIM: 282.90
INV IN: 278.25 (18") FROM 38

TOP 282.13
INV. 276.07

TOP 282.20
TOP VERTICAL PVC 279.28
INV. 8" 278.21
BOTTOM 275.20

TOP 282.23
TOP VERTICAL PVC 278.95
INV. 4" 278.33
BOTTOM 275.23

CONNECT NEW
STRUCTURE TO EX. HP
STORM PIPE

04
FES
INV OUT: 279.25 (18")

BILLBOARD

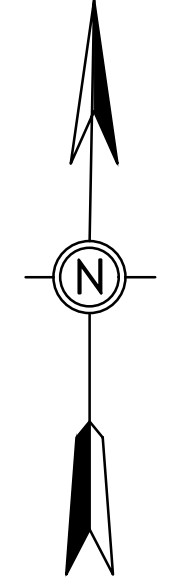
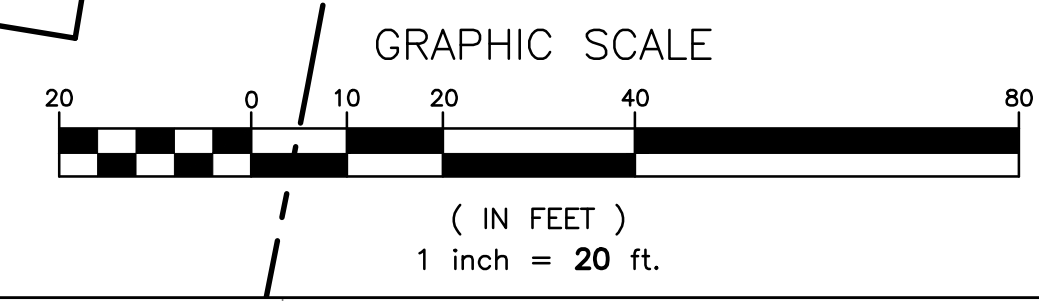
05
GRATE INLET
(PVC BASE)
RIM: 282.12
INV IN: 278.40 (18") FROM 04 281.91
INV 15 278.76
BOTTOM 277.86

GRADING & STORM DRAINAGE NOTES

- UTILITIES: CONTRACTOR SHALL HAVE MISSISSIPPI ONE CALL (881 OR 800-227-6477) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THIS PLAN IS DIAGRAMMATIC AND REPRESENT THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. 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 AND PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION.
- GRADES AT DOORS: THE SIDEWALK GRADES AT MAIN ENTRY DOORS ON FRONT SHALL HAVE A MAXIMUM 1/4" DROP (0.04 FT) FROM FINISHED FLOOR TO ACHIEVE ADA ACCESSIBILITY.
- GEOTECHNICAL ENGINEER: CONTRACTOR SHALL COORDINATE GRADING OPERATIONS WITH THE OWNER'S GEOTECHNICAL ENGINEER. SEE REPORT BY LADNER TESTING SERVICES FOR ADDITIONAL CONSTRUCTION REQUIREMENTS RELATED TO EARTH WORK & GRADING, BUILDING FOUNDATION AND PAVEMENT CONSTRUCTION AND EXISTING SOIL INFORMATION.
- RIP-RAP LINER: ALL RIP-RAP SHALL HAVE BOTTOM LINED WITH FILTER FABRIC PRIOR TO PLACING STONE. USE MIRAFI 180N OR APPROVED EQUAL. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CORRUGATED PLASTIC PIPE (HP): HP REFERS TO DUAL-WALL, PLASTIC PIPE (GRAY IN COLOR) AS MANUFACTURED BY ADS. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS. ALL PIPE JOINTS SHALL BE WRAPPED IN 4" OF FILTER CLOTH REGARDLESS OF JOINT GASKETS OR MATERIAL TYPE. ALL HP SHALL BE BACKFILLED WITH SELECT FILL. SEE SPECS FOR ADDITIONAL REQUIREMENTS.



Know what's below
Call before you dig





PEOPLES CONSTRUCTION CORP.

3913 UNDERWOOD DRIVE
FLOWOOD, MS 39232
(601) 932-1111

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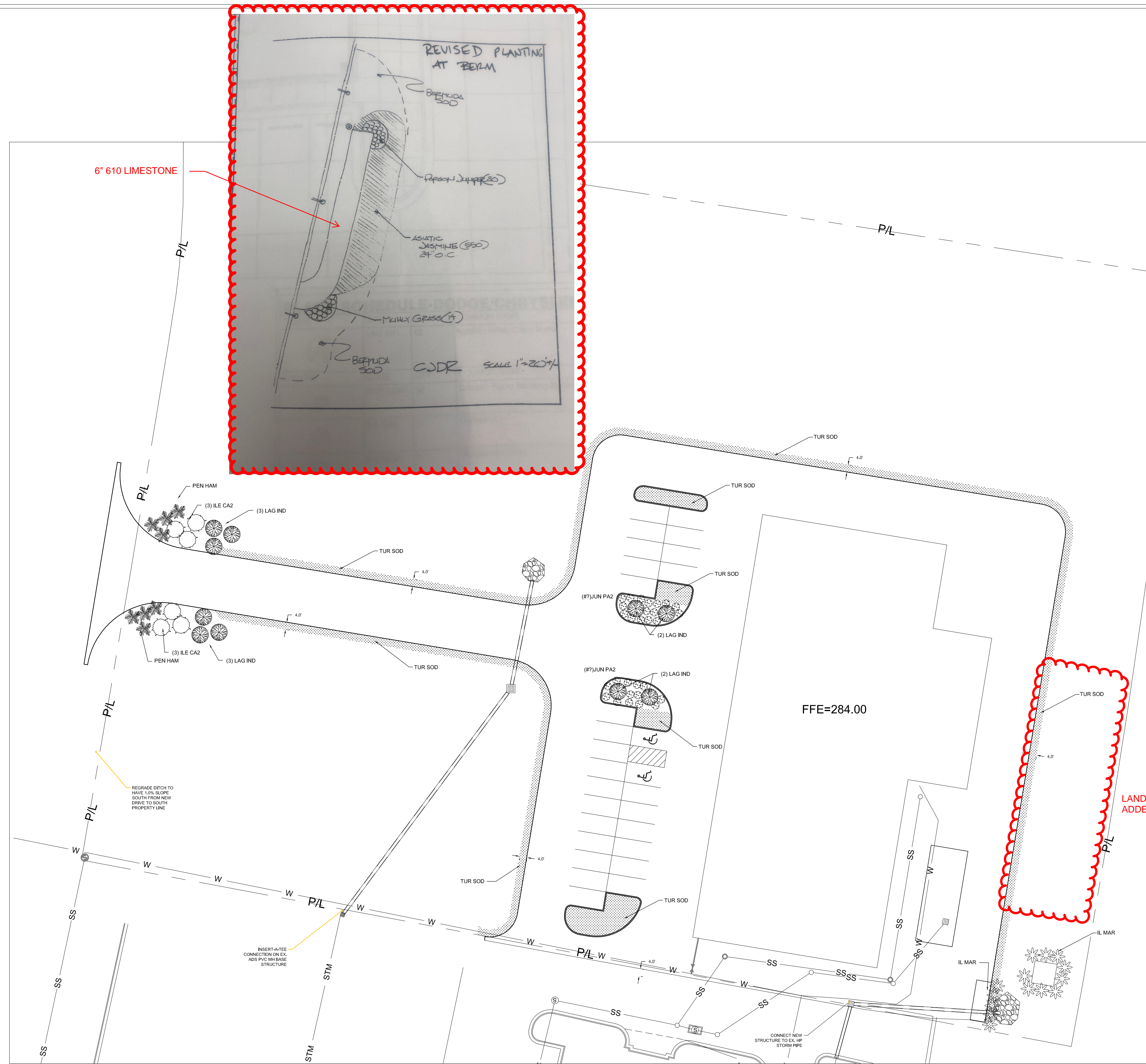
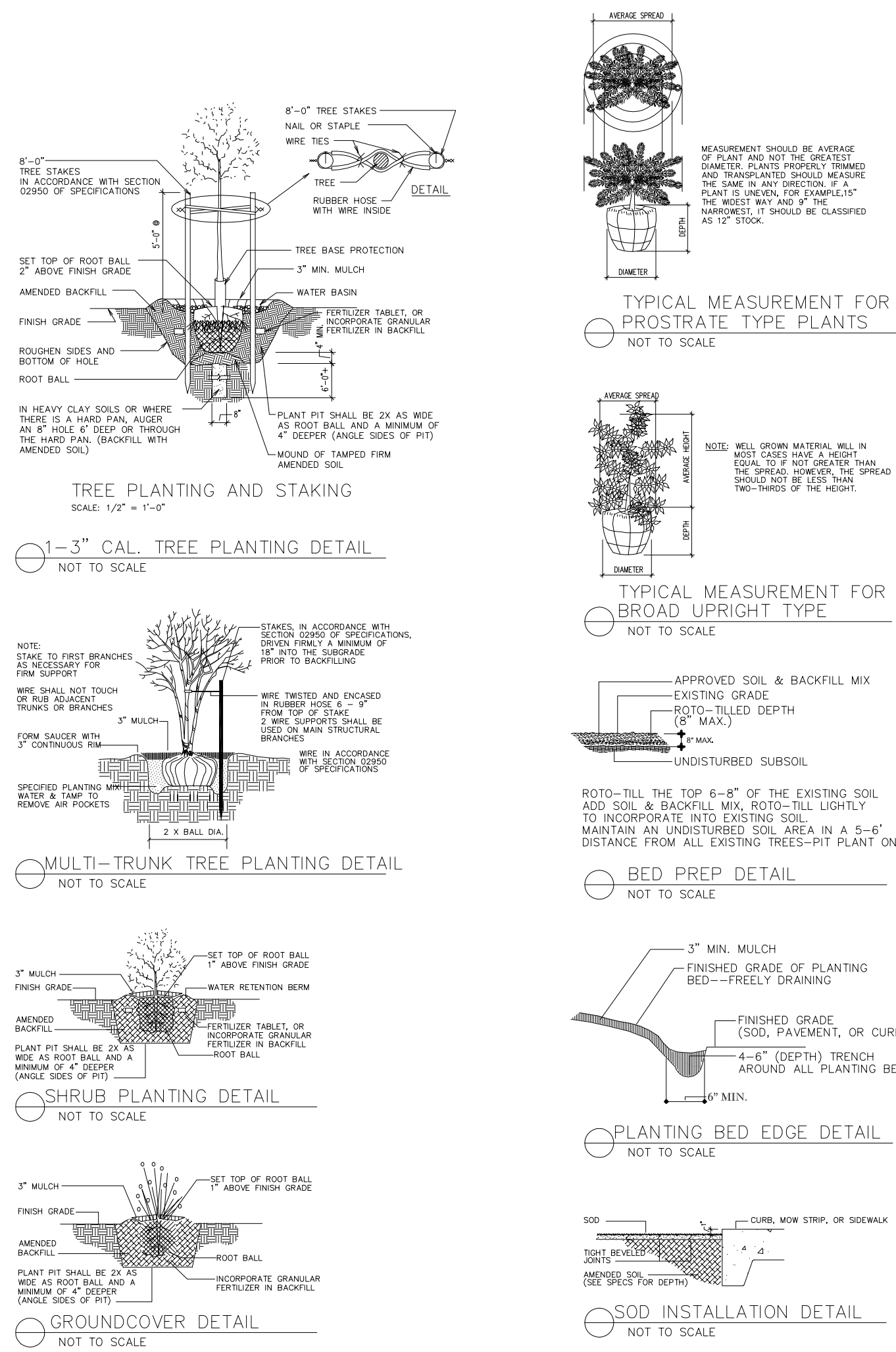
03/19/2024

A PROPOSED LANDSCAPE PLAN FOR:
MAC HAIK, GLUCKSTADT
GLUCKSTADT, MISSISSIPPI

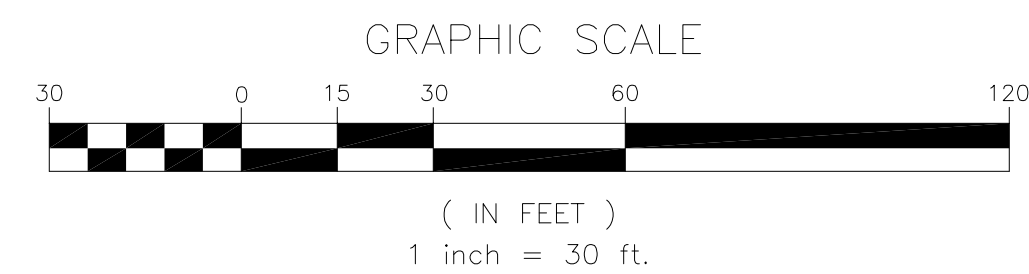
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Checked by: JP

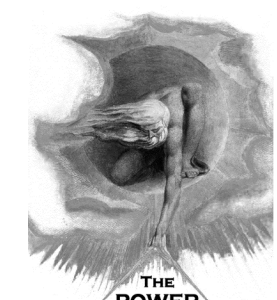
SHEET L-1

DODGE CHRYSLER PLANT SCHEDULE			
TREE	CODE	QTY.	COMMON NAME
	ILE CA2	6	CARRISSA HOLLY
	LAG IND	10	NATCHEZ WHITE CREPE MYRTLE
	PEN HAM	8	HAMELIN DWARF FOUNTAIN GRASS
	JUN PA2	?	PARSONS JUNIPER
	IL MAR	14	NEEDLEPOINT HOLLY
	TUR SOD	4,500 SQ.FT.	TIFWAY 419 BERMUDA
	CYN DAC	DISTURBED AREA	HYBRID BERMUDA GRASS SEED



LANDSCAPE PLAN
SCALE 1" = 30'-0"

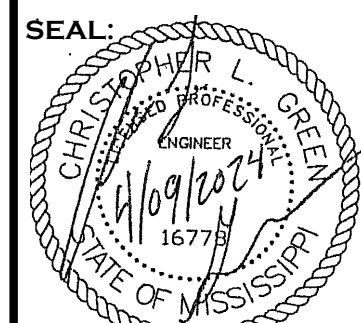




945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 24039



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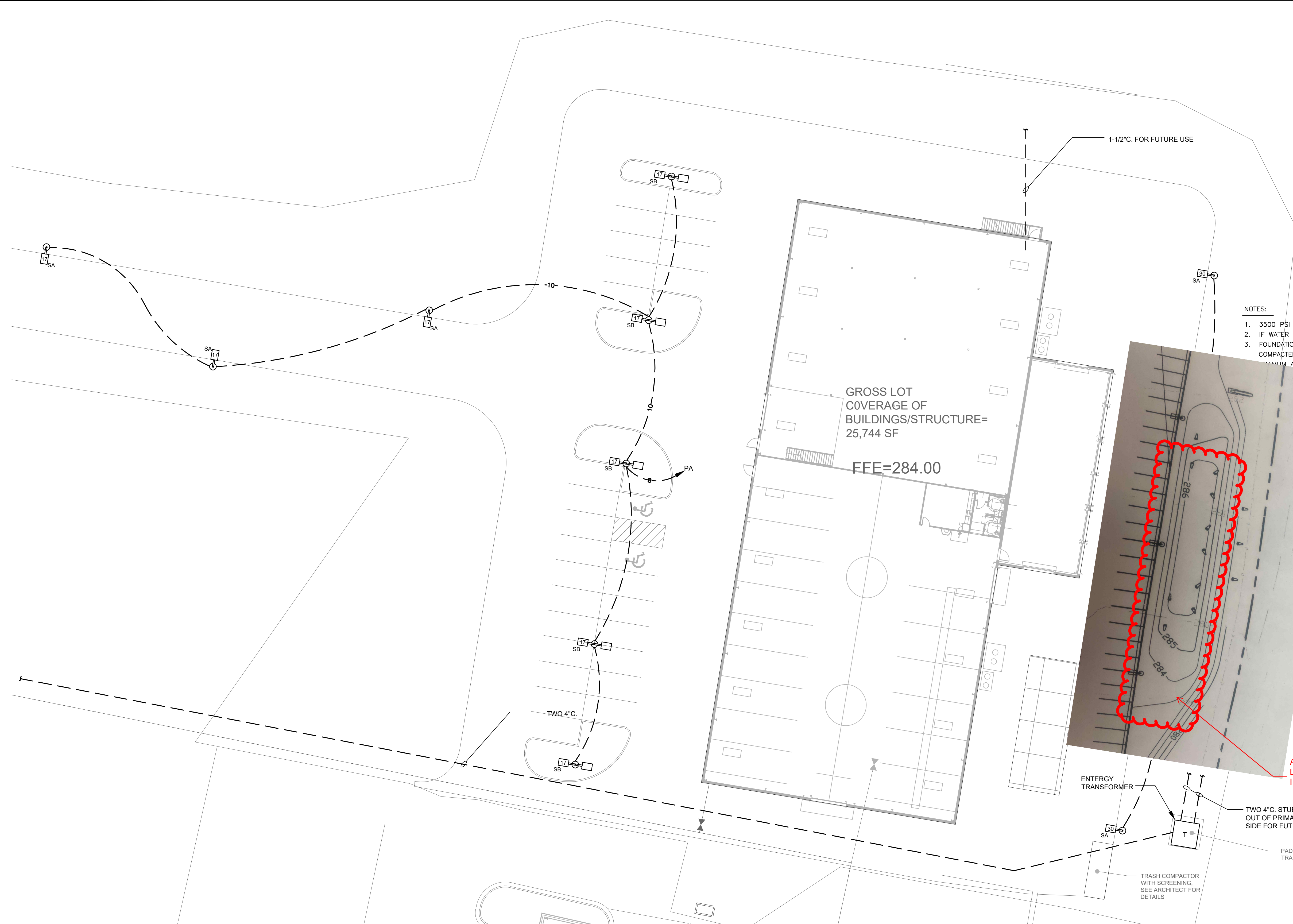


REVISIONS:

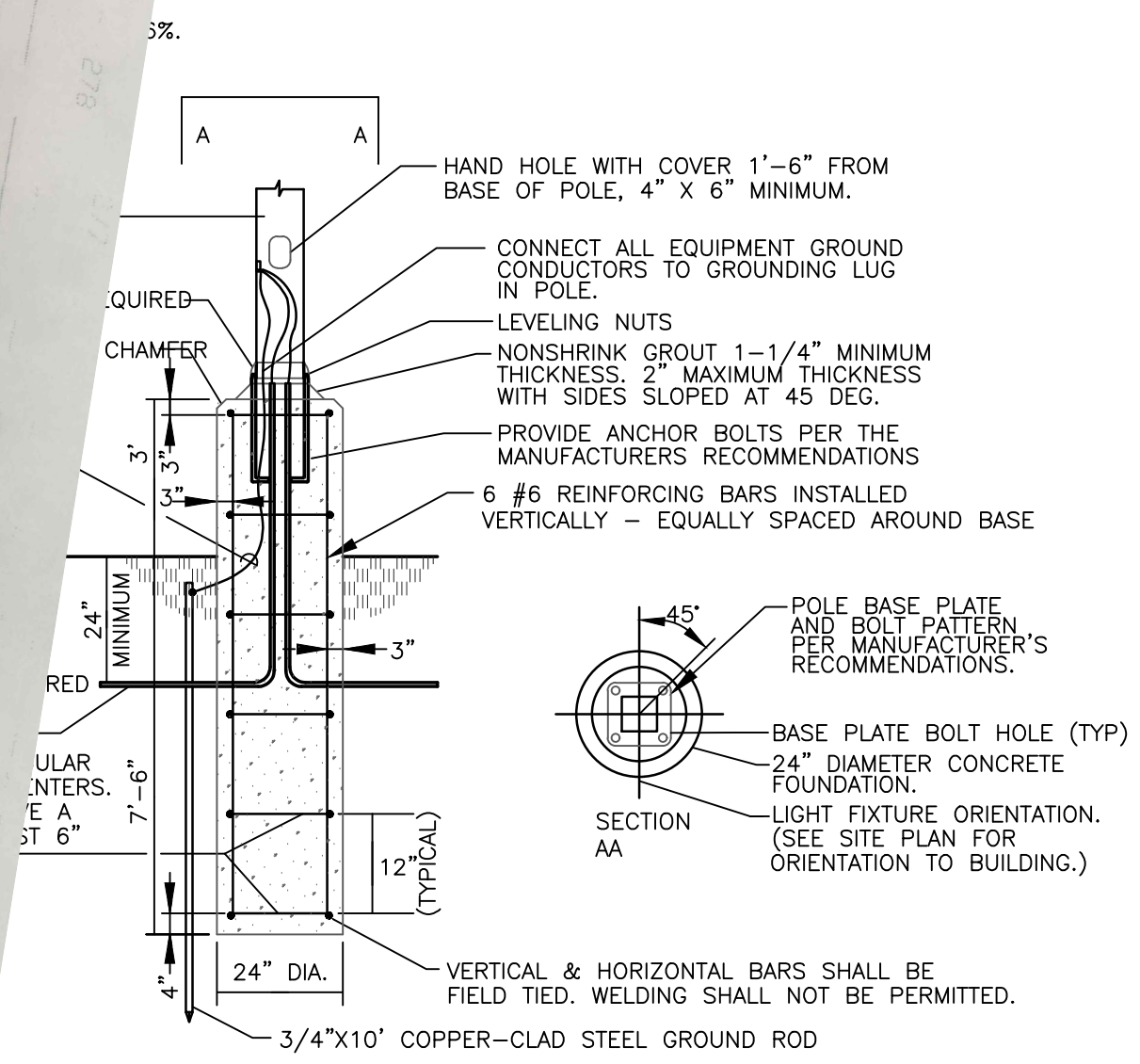
**MAC HAIK SERVICE CENTER
GLUCKSTADT, MS**

DRAWN BY: CTB
CHECKED BY: CLG
DATE: 4/9/2024

SHEET:
E002



- NOTES:
- 3500 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BARS.
 - IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
 - FOUNDATION EXCAVATION SHALL BE BY 24" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL.
 - MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING



2
E002 ROUND POLE BASE DETAIL
Scale: NONE

ADD (9) GROUND MOUNTED SITE LIGHTING TO LIGHT UP DISPLAY INVENTORY ON BERM

1
E002 SITE PLAN
Scale: 1" = 20'-0"

City of Gluckstadt

Application for Conditional Use

Subject Property Address: 109 Lone Wolf Drive, Madison MS 39110

Parcel #: _____

Owner: JSD Group LLC / Eddie Dees
Address: 109 Lone Wolf Drive
Madison MS 39110

Applicant: Mathew Tucker, Mavserve Services
Address: 7980 Choctaw Ln
Shreveport La 71107

Phone #: 601-201-1518
E-Mail: Miss Edis@yahoo.com

Phone #: 318-773-2425
E-Mail: mtucker@mavserve.com

Current Zoning District: G1

Acreage of Property (If applicable): .5 Acres

Use sought of Property: Outside inspections, Repairs, + Services

2024/03/06

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.

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

By signing this application, it is understood and agreed that permission is given to the Zoning Administrator to have a sign erected on subject property, giving notice to the public that said property is being considered for a dimensional variance.



Applicant Signature

3/6/24

Date

Property Owner Signature

Date



5015 N. Lakeshore Dr. Shreveport LA, 71107
(318)-562-6391
mtucker@mavserve.com

March 6, 2024

To whom it may concern:

I am Mathew Tucker owner/member of Maverick Services, LLC. I am writing you today to apply for conditional use of outside repair activities at 109 Lone Wolf Dr.. Maverick services is a fleet service company servicing the railroad and fleet industry. We perform services, preventive maintenance, repairs, and inspections.

From my understanding, the current zoning permits only indoor repairs. However, some of my duties cannot be performed inside and will need to be performed outside. I would like to request conditional use of the rear lot on the property. These are to include, but are not limited to, inspections, repairs, and services. None of the duties will be performed in front, or on the side of the building. I have attached some pictures of the common vehicles we service at our Shreveport facility, and a site map of the requested area.

Thank you for your consideration.

Mathew Tucker
Maverick Services, LLC.
318-773-2425
mtucker@mavserve.com



5015 N. Lakeshore Dr. Shreveport LA, 71107
(318)-562-6391
mtucker@mavserve.com

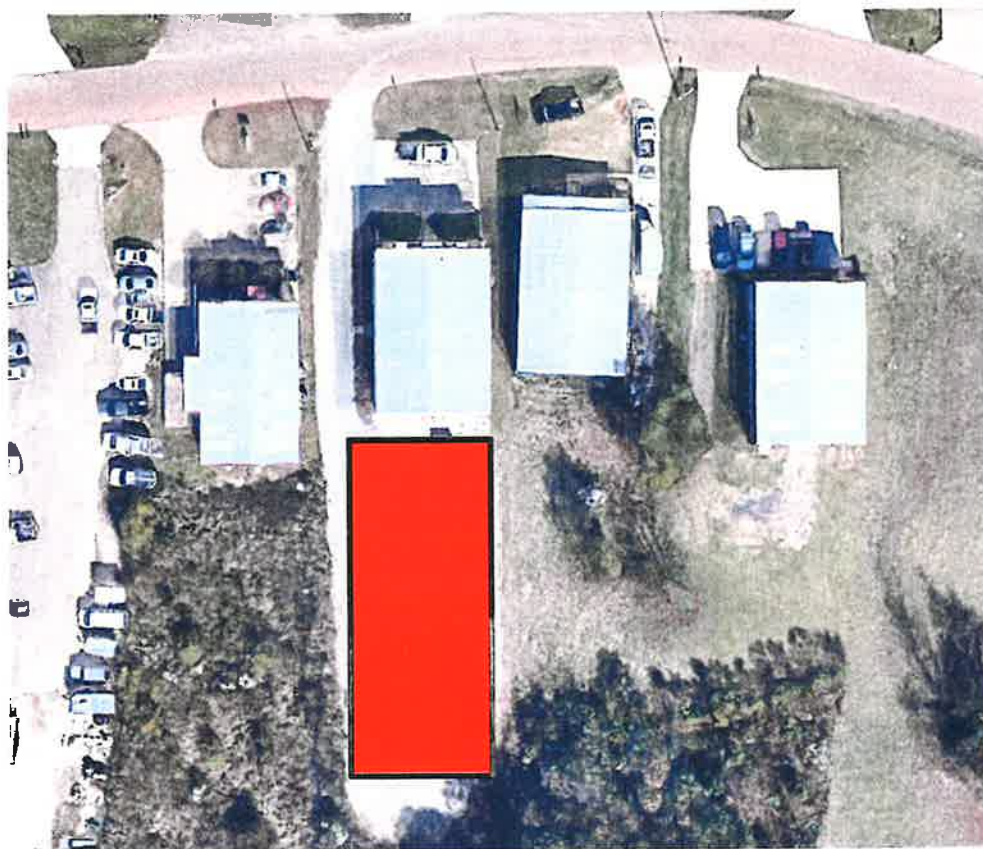
Commonly Services Vehicles in Shreveport





5015 N. Lakeshore Dr. Shreveport LA, 71107
(318)-562-6391
mtucker@mavserve.com

Map of Requested Area





INTERIM AD DRAFT

This is the proof of your ad scheduled to run in **Madison County Journal** on the dates indicated below. If changes are needed, please contact us prior to deadline at **(601) 853-4222**.

Notice ID: tXxD3vGydNgpEEDmcrMz | **Proof Updated: Mar. 26, 2024 at 01:48pm CDT**
Notice Name: Conditional Use for Maverick Services

This is not an invoice. Below is an estimated price, and it is subject to change. You will receive an invoice with the final price upon invoice creation by the publisher.

FILER	FILING FOR
Bridgette Smith	Madison County Journal
bridgette.smith@gluckstadt.net	
(769) 567-2306	

Columns Wide:	1	Ad Class: Legals
Total Column Inches:	2.29	
Number of Lines:	20	

03/28/2024: Other	15.36
Proof of Publication Fee	3.00

Subtotal	\$18.36
Tax	\$0.00
Processing Fee	\$6.84
Total	\$25.20

NOTICE IS HEREBY GIVEN TO THOSE PARTIES IN INTEREST that there will be a Public Hearing on Tuesday, April, 23, 2024 at 6:00 PM before the Gluckstadt Planning and Zoning Commission at the Gluckstadt City Hall, 343 Distribution Drive, Gluckstadt, MS 39110 for the purpose of Conditional Use for Garage with Outside Storage for Maverick Services for the following address:

109 Lone Wolf Drive, Gluckstadt, MS 39110

The Public Hearing in relation thereto shall provide parties in interest and citizens an opportunity to be heard. A copy of the Conditional Use application shall be available at City Hall for inspection by the public.

City of Gluckstadt

Application for Site Plan Review

Subject Property Address: no address assigned - Gluckstadt Road

Parcel #: Part of Parcel 2 in book 2807, Page 381, # 0821-29-010/21.00

Owner: Dave Thind

Jared Pierce, AIA
Applicant: Canizaro Cawthon Davis

Address: 2530 Flowood Drive
Flowood, MS 39232

Address: 129 S. President St.
Jackson, MS 39110

Phone #: 601-720-6575

Phone #: 601-948-7337 ext. 245

E-Mail: davethind@msn.com

E-Mail: jared@ccdarchitects.com

Current Zoning District: C2

Acreeage of Property (If applicable): 3.0 (130, 680 SF)

Use sought of Property: Shopping Center

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.*



 Applicant Signature

August 4, 2022

 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)

GLUCKSTADT RETAIL CENTER

PROPOSED COMMERCIAL SITE DEVELOPMENT

GLUCKSTADT ROAD
GLUCKSTADT, MS 39110

DEAN
ENGINEERING SOLUTIONS, INC.
4780 I-55 NORTH, SUITE 100-4
JACKSON, MS 39211
601-557-2002 WWW.DEANESI.COM
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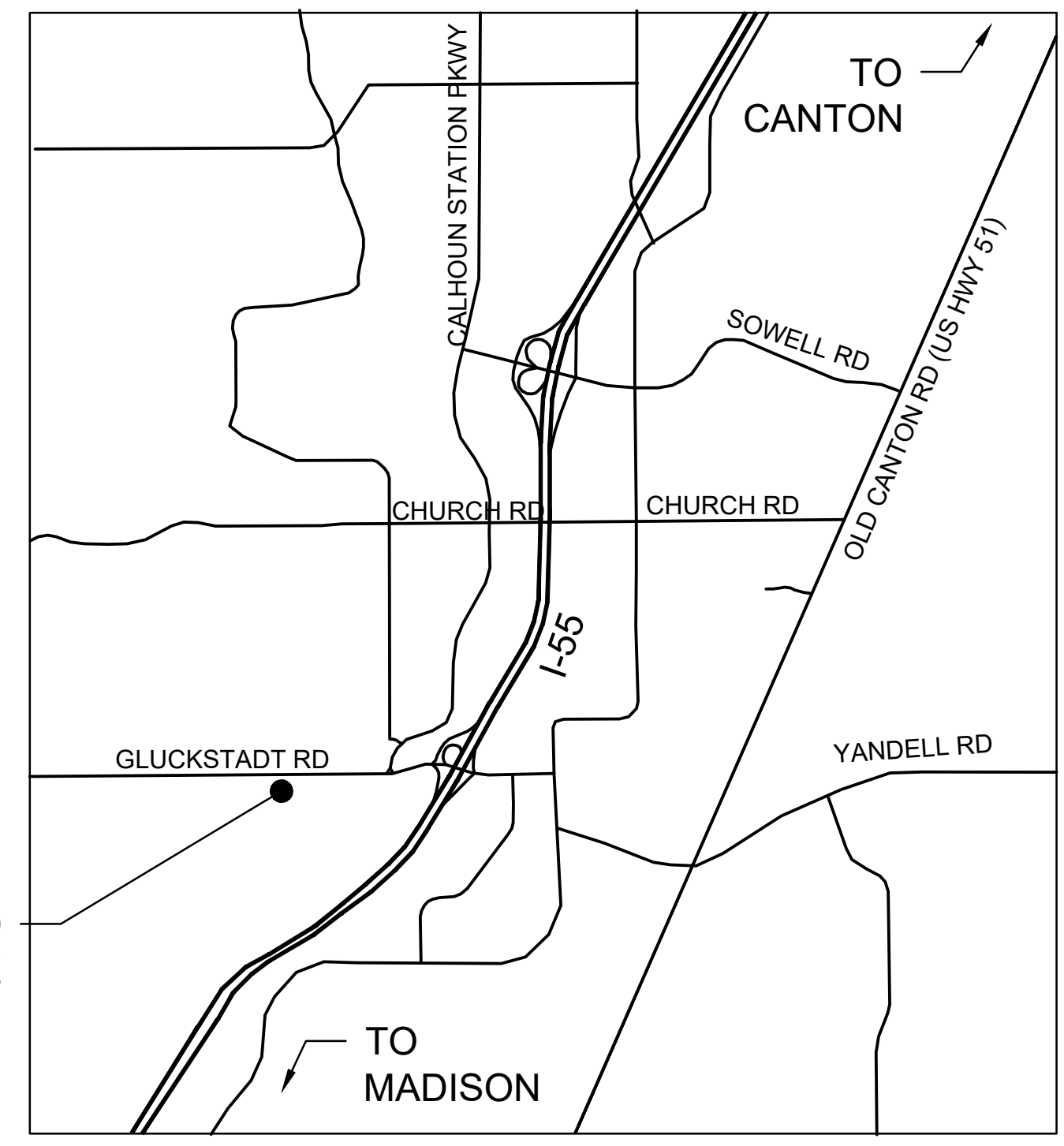
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5	UC-DETENTION MODIFICATIONS	04-25-2024

OWNER:
RIVER OAKS INVESTMENT GROUP
DAVID THIND
GLUCKSTADT RD

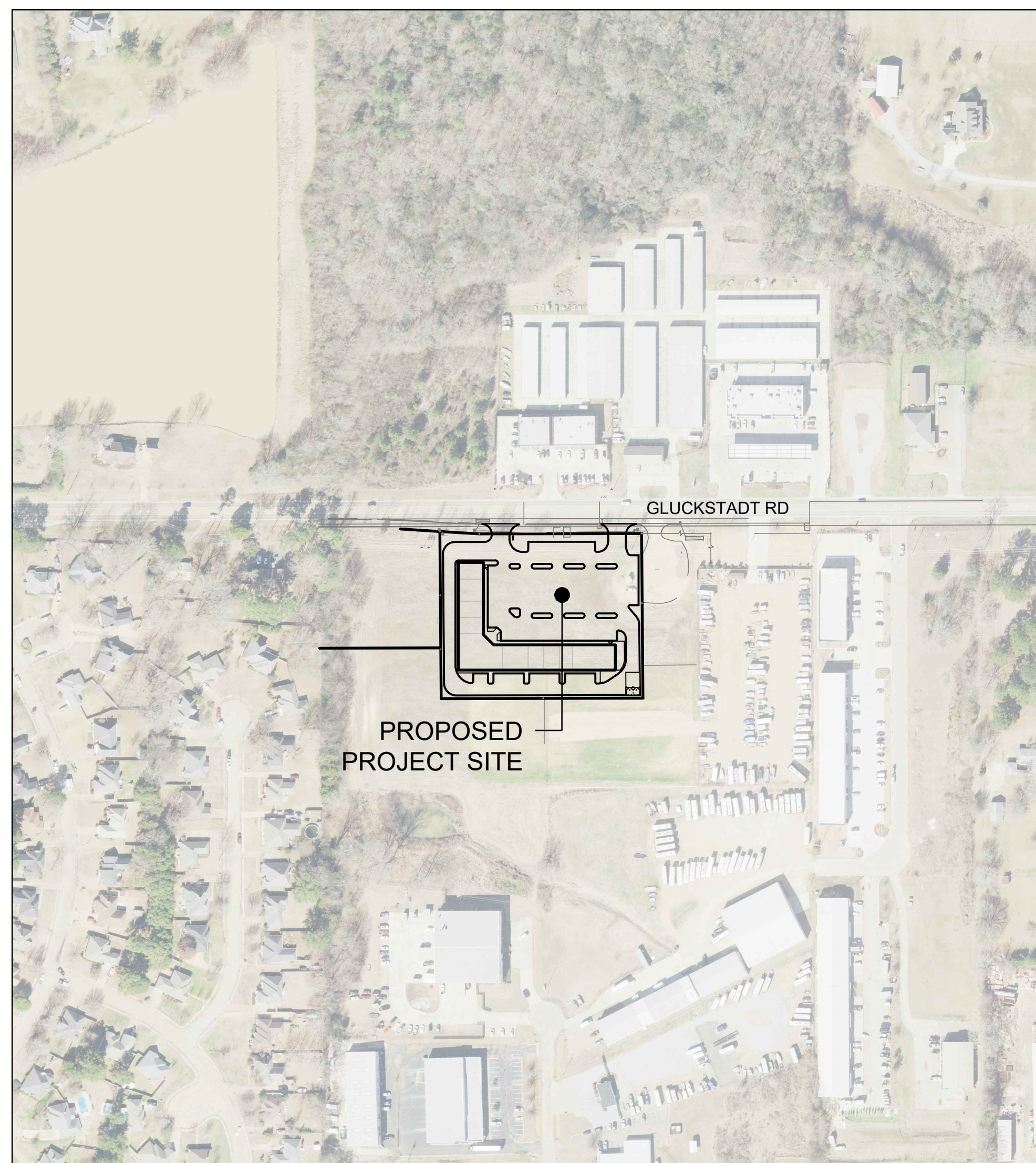
PROJECT TITLE: **GLUCKSTADT RETAIL CENTER**
SHEET TITLE: **COVER**
SITE DEVELOPMENT

JOB NO.: 220501
DATE: 1 AUG 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
1



CITY LOCATION
SCALE: NONE



STREET LOCATION

TABLE OF CONTENTS

- COVER
- EXISTING CONDITIONS & DEMO PLAN
- SITE PLAN
- UTILITY PLAN
- GRADING PLAN
- EROSION CONTROL PLAN (SWPPP)
- SITE DETAILS
- UTILITY DETAILS
- DRAINAGE DETAILS



STATE LOCATION



PLAT SHOWING CERTAIN PROPERTIES

SITUATED IN THE NORTHEAST 1/4 OF SECTION 29, TOWNSHIP 8 NORTH, RANGE 2 EAST MADISON COUNTY, MISSISSIPPI

GLUCKSTADT ROAD

RW - VARIABLE

SIDE VIEW-SOUTH SIDE OF CONC.
TOP OF CONC.=286.32
TOP OF OPENING=285.77
BOTTOM OF OPENING=285.42

8 & 10
CURRENT GLUCKSTADT ROAD R/W SOUTH LINE OF BOOK 3723 PAGE 948 5-24-2019

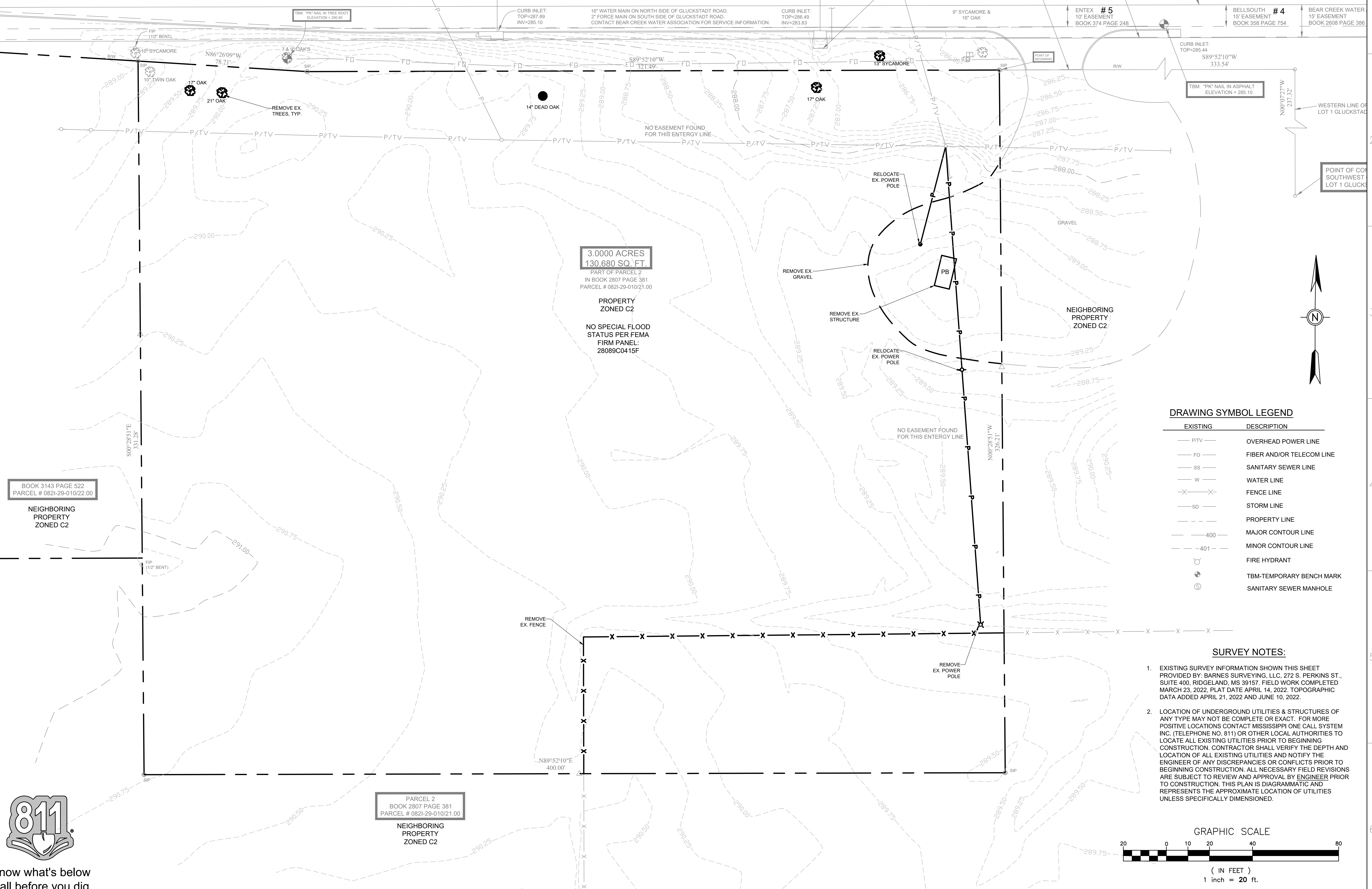
GLUCKSTADT ROAD R/W PRIOR TO 7-2012

OLD GLUCKSTADT ROAD R/W

5
ENTEX 10' EASEMENT BOOK 374 PAGE 248

4
BELLSOUTH 15' EASEMENT BOOK 358 PAGE 754

BEAR CREEK WATER 15' EASEMENT BOOK 2608 PAGE 386



3.0000 ACRES
130,680 SQ. FT.
PART OF PARCEL 2
IN BOOK 2807 PAGE 381
PARCEL # 0821-29-010/21.00

PROPERTY ZONED C2
NO SPECIAL FLOOD STATUS PER FEMA
FIRM PANEL: 28089C0415F

BOOK 3143 PAGE 522
PARCEL # 0821-29-010/22.00

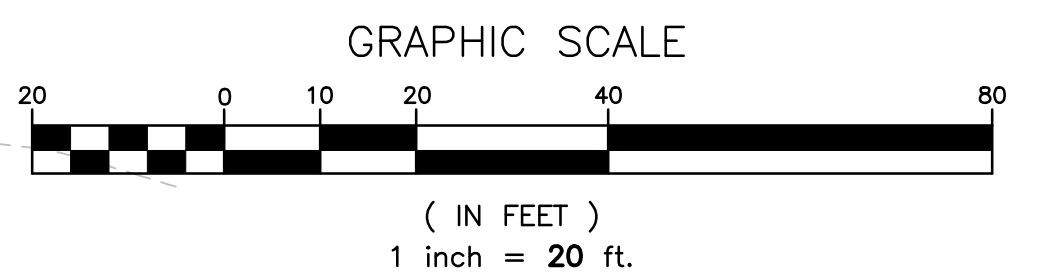
PARCEL 2
BOOK 2807 PAGE 381
PARCEL # 0821-29-010/21.00

DRAWING SYMBOL LEGEND

EXISTING	DESCRIPTION
P/TV	OVERHEAD POWER LINE
FO	FIBER AND/OR TELECOM LINE
SS	SANITARY SEWER LINE
W	WATER LINE
X-X	FENCE LINE
SD	STORM LINE
- - -	PROPERTY LINE
-400-	MAJOR CONTOUR LINE
-401-	MINOR CONTOUR LINE
⊕	FIRE HYDRANT
⊙	TBM-TEMPORARY BENCH MARK
⊙	SANITARY SEWER MANHOLE

SURVEY NOTES:

- EXISTING SURVEY INFORMATION SHOWN THIS SHEET PROVIDED BY: BARNES SURVEYING, LLC, 272 S. PERKINS ST., SUITE 400, RIDGELAND, MS 39157. FIELD WORK COMPLETED MARCH 23, 2022, PLAT DATE APRIL 14, 2022. TOPOGRAPHIC DATA ADDED APRIL 21, 2022 AND JUNE 10, 2022.
- 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.



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OWNER:
RIVER OAKS INVESTMENT GROUP
DAVID THIND
GLUCKSTADT RD

PROJECT TITLE: **GLUCKSTADT RETAIL CENTER**
SHEET TITLE:
EXISTING CONDITIONS & DEMO PLAN
SITE DEVELOPMENT

JOB NO.: 220501
DATE: 1 AUG 2022
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SHEET NUMBER:
2



PROPOSED GROSS LOT COVERAGE OF BUILDINGS AND STRUCTURES
BUILDING SIZE: 23,936 SF TOTAL (SINGLE STORY)

CITY PARKING REQUIREMENTS
(PER JUNE, 2021 ORDINANCE SECTION 501.02)
GENERAL BUSINESS: 1 SPACE PER 225 SF GROSS FLOOR AREA
RESTAURANT: 1/100 SF
TOTAL GENERAL SF: 17,490 SF OR 78 SPACES
TOTAL RESTAURANT SF: 6,446 SF OR 29 SPACES

TOTAL SPACES REQUIRED: 107
TOTAL SPACES PROVIDED: 139

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REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
20957

DATE: 04-25-2024

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SHEET TITLE:
SITE PLAN

SITE DEVELOPMENT

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RIVER OAKS INVESTMENT GROUP

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GLUCKSTADT RETAIL CENTER

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SITE PLAN

SITE DEVELOPMENT

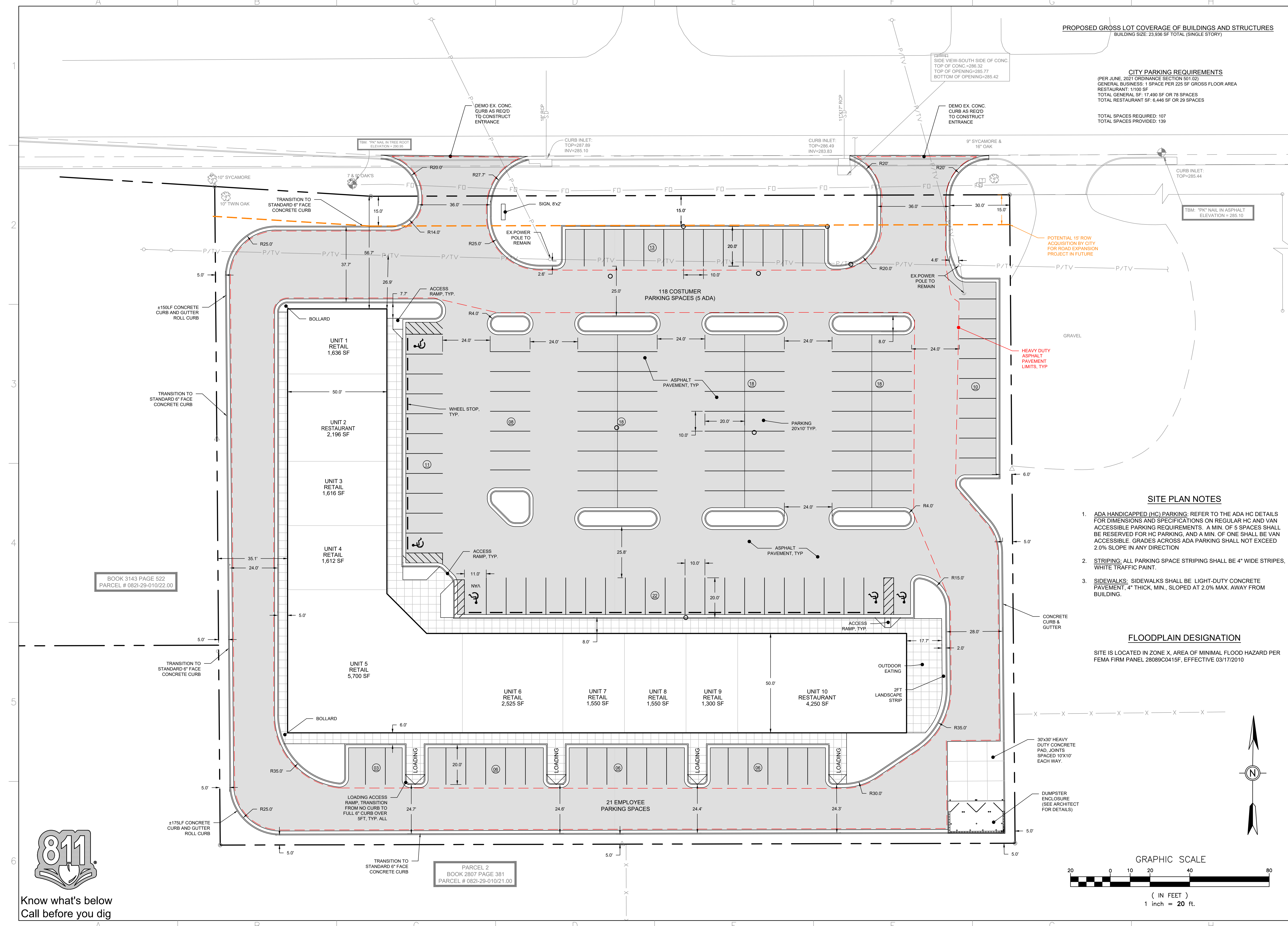
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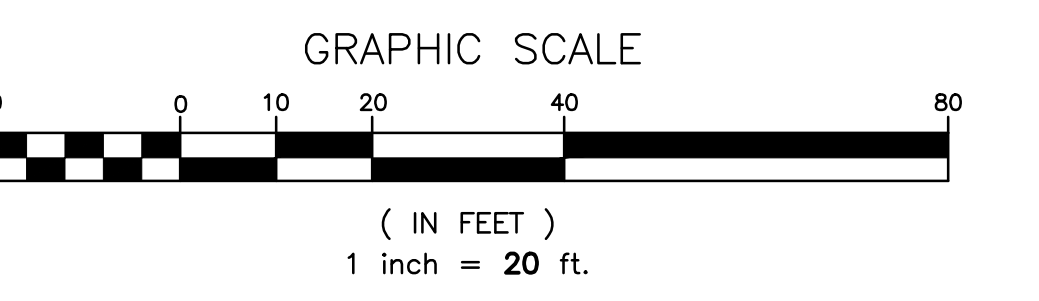
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3



- SITE PLAN NOTES**
- 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 5 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
 - STRIPING: ALL PARKING SPACE STRIPING SHALL BE 4" WIDE STRIPES, WHITE TRAFFIC PAINT.
 - SIDEWALKS: SIDEWALKS SHALL BE LIGHT-DUTY CONCRETE PAVEMENT, 4" THICK, MIN. SLOPED AT 2.0% MAX. AWAY FROM BUILDING.

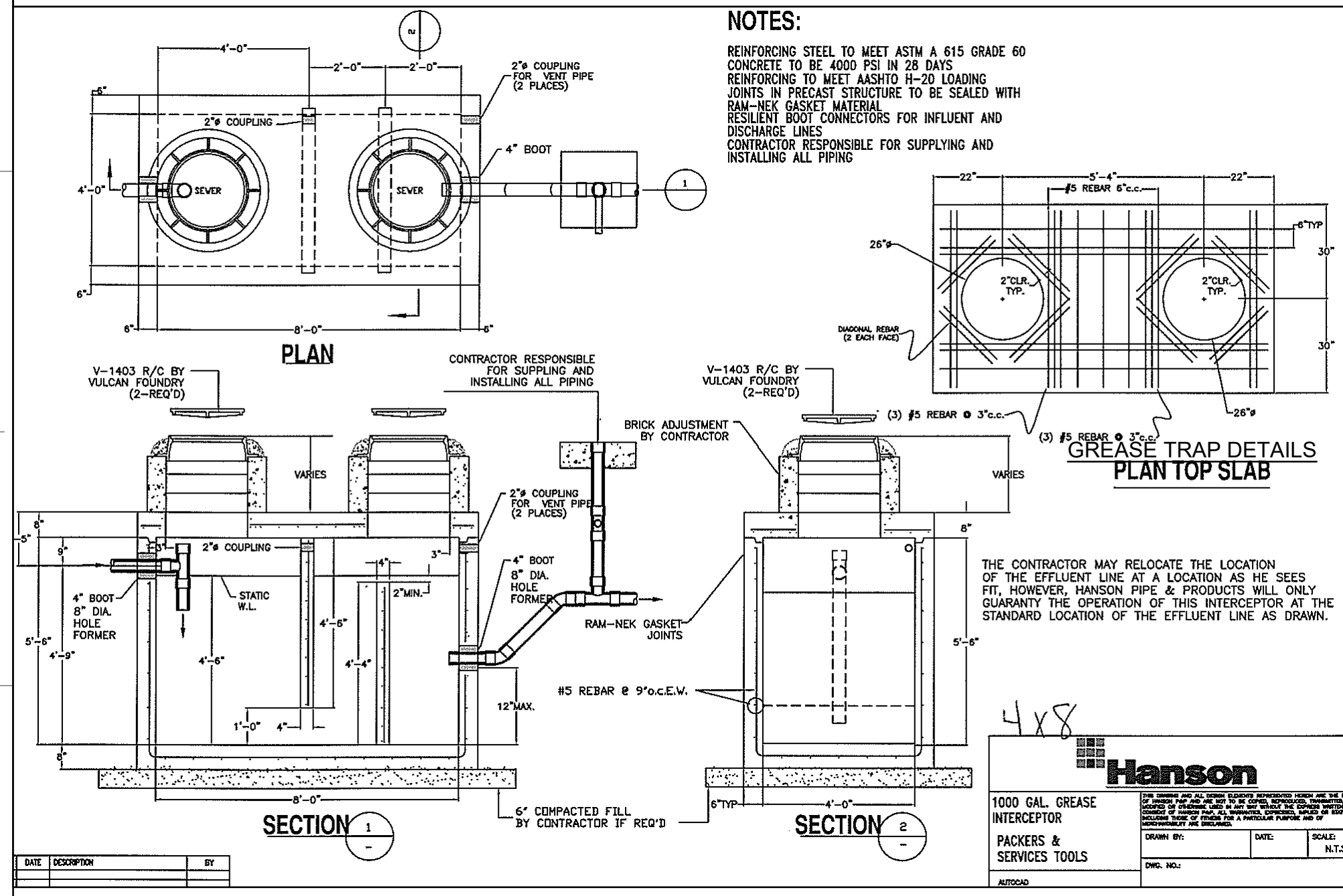
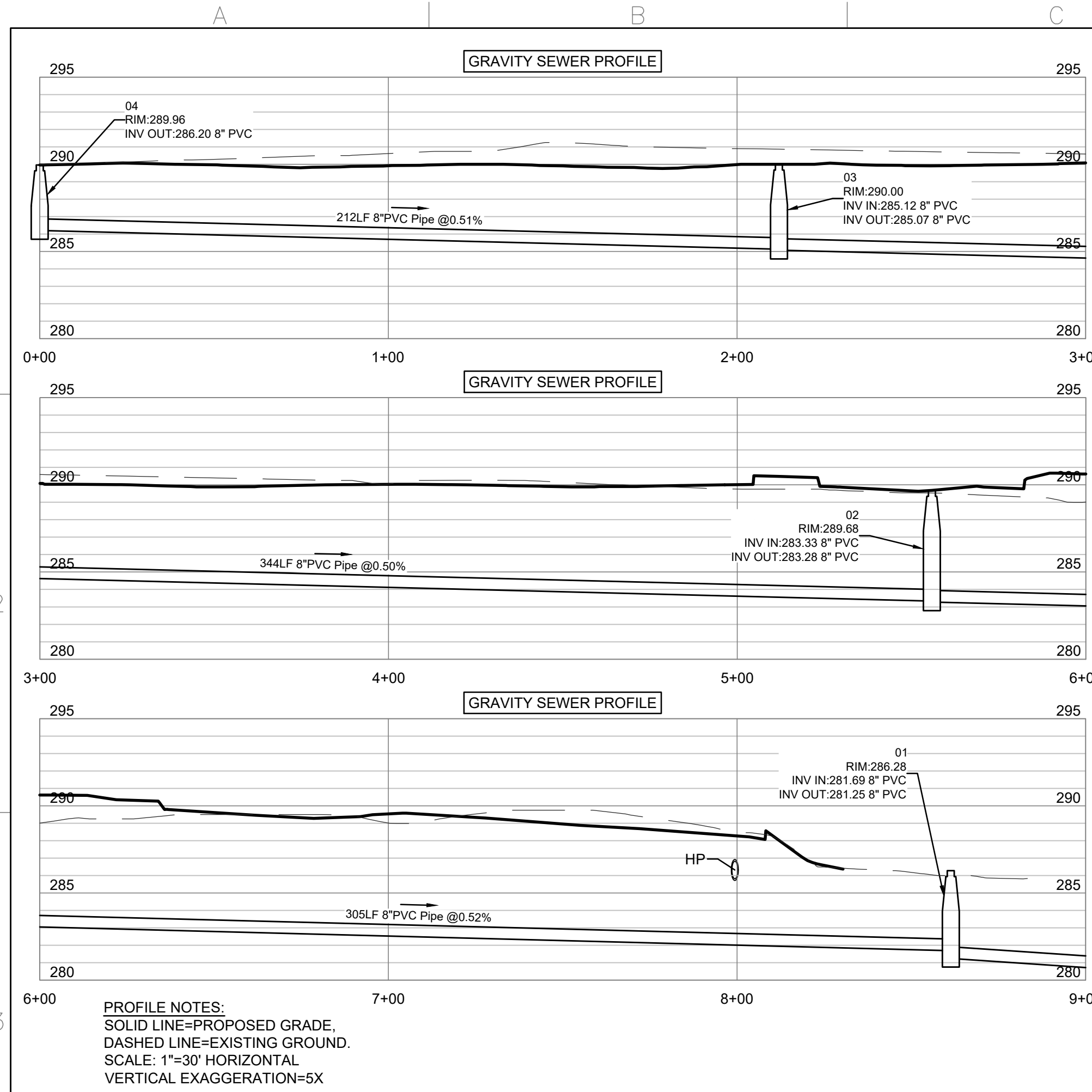
FLOODPLAIN DESIGNATION
SITE IS LOCATED IN ZONE X, AREA OF MINIMAL FLOOD HAZARD PER FEMA FIRM PANEL 28089C0415F, EFFECTIVE 03/17/2010



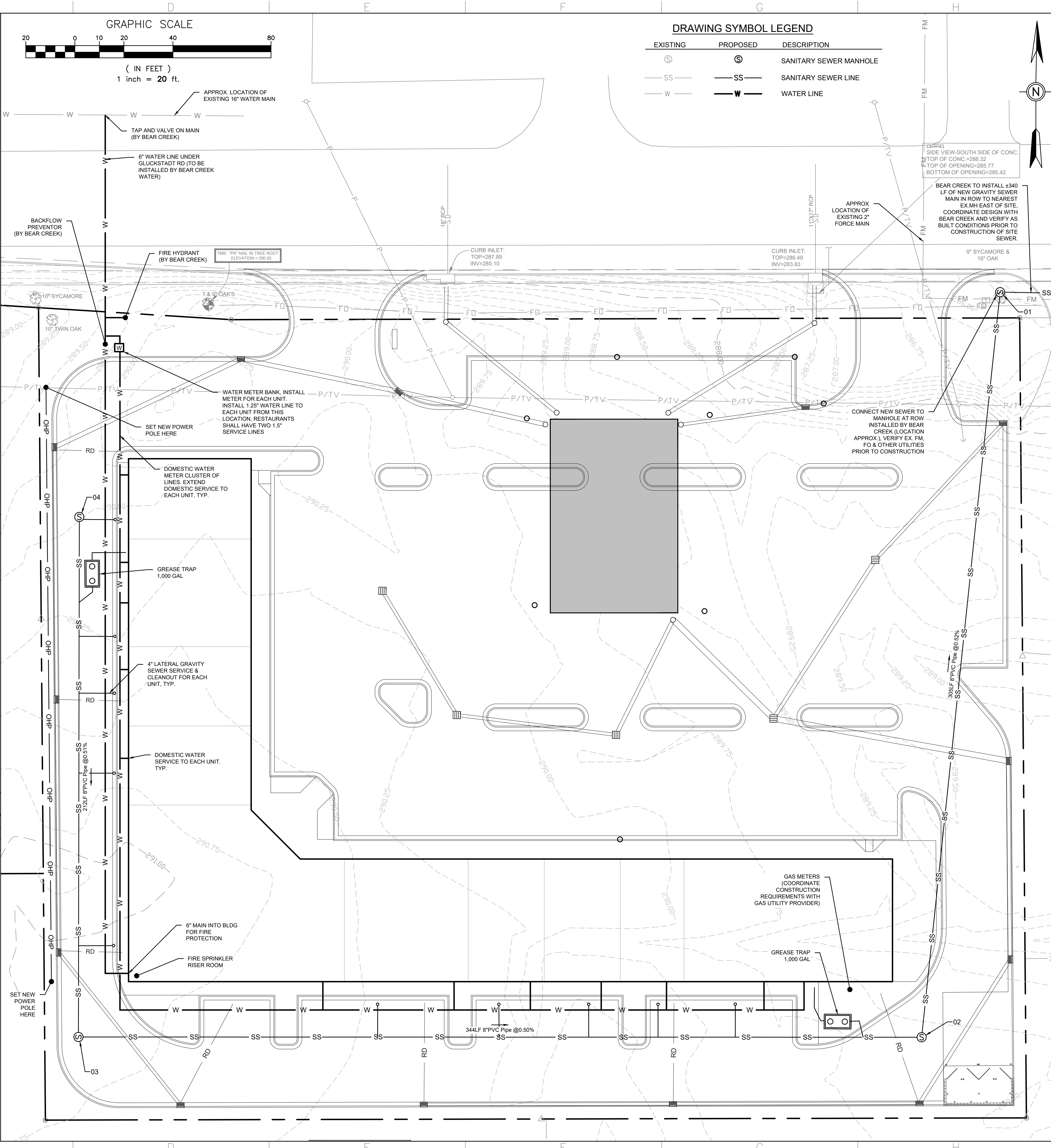
Know what's below
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BOOK 3143 PAGE 522
PARCEL # 0821-29-010/22.00

PARCEL 2
BOOK 2807 PAGE 381
PARCEL # 0821-29-010/21.00



- UTILITY PLAN NOTES**
- CODES:** ALL WATER AND SEWER FACILITIES SHALL BE CONSTRUCTED TO APPLICABLE STATE OF MISSISSIPPI CODES AND BEAR CREEK WATER ASSOCIATION SPECIFICATIONS.
 - UTILITY LOCATIONS:** CONTRACTOR SHALL HAVE MISSISSIPPI ONE CALL (811 OR 800-227-6477) 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.
 - 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 THE "POINT OF SERVICE". BEAR CREEK'S SCOPE INCLUDES THE DOMESTIC WATER METERS, FIRE MAIN BACK FLOW PREVENTER AND FIRE HYDRANT. BEAR CREEK SHALL ALSO INSTALL THE SEWER FORCE MAIN CONNECTION TO EX. FM AND LEAVE A STUB OUT FOR CONNECTING THE PROPOSED GRINDER PUMP LINE OUT.
 - GREASE TRAP:** CONTRACTOR SHALL INSTALL GREASE TRAP AND CONNECT TO NEAREST GRAVITY SEWER DISCHARGE LINE ENSURING STRUCTURE OPERATES PROPERLY 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.
 - GAS, POWER, TELECOM, ETC.:** CONTRACTOR SHALL COORDINATE WITH ALL NECESSARY UTILITY OWNERS FOR EXACT CONSTRUCTION REQUIREMENTS OF NEW UTILITY CONSTRUCTION, SITE LOCATIONS, AND EXISTING CONNECTION LOCATIONS. THIS PLAN DOESN'T INCLUDE THE DESIGN OF THESE UTILITIES, RATHER THEY ARE SHOWN FOR GENERAL COORDINATION PURPOSES.
 - 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.



Section 9, Item E)

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W. SETH DEAN
 LICENSED PROFESSIONAL ENGINEER
 STATE OF MISSISSIPPI
 20957

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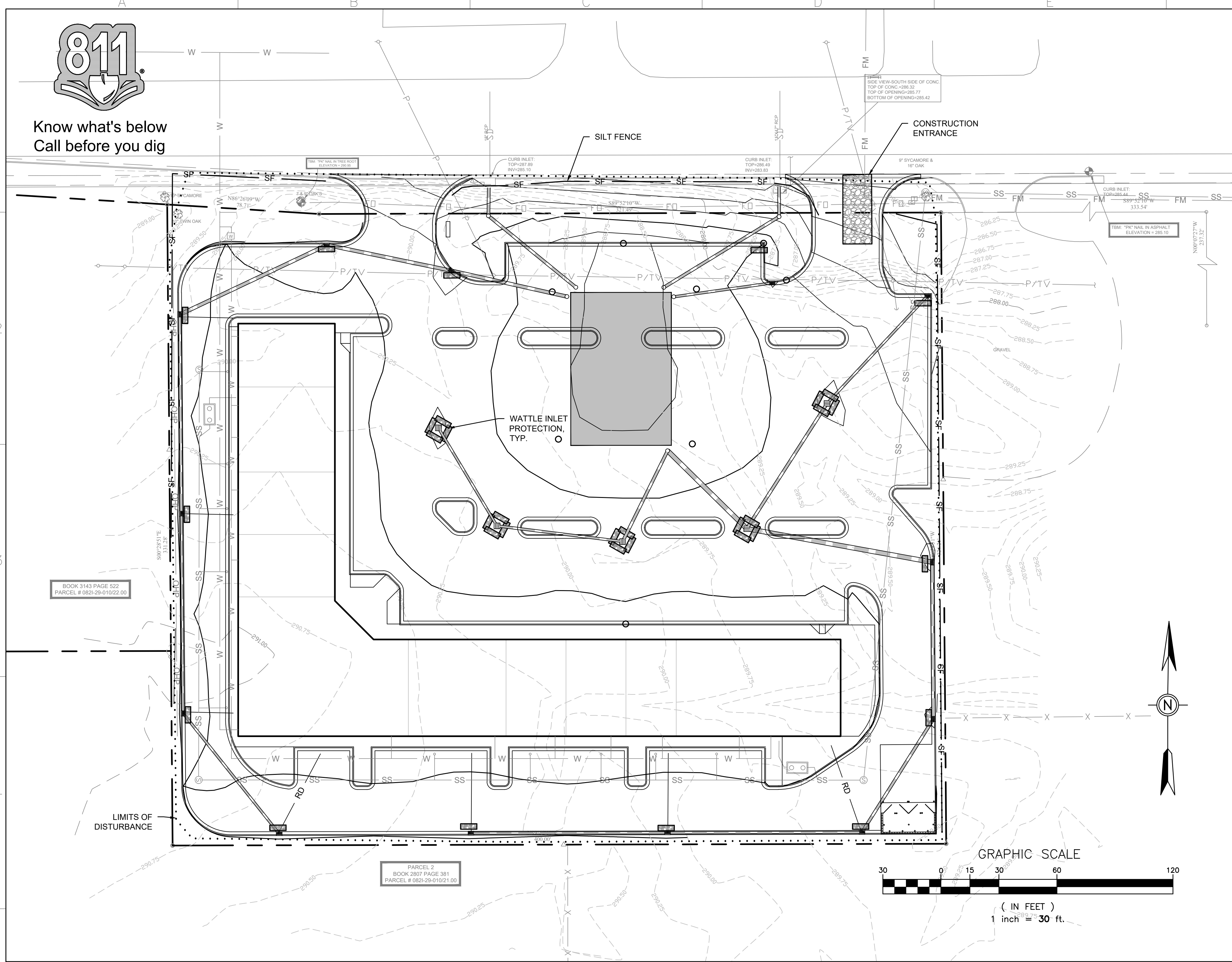
PROJECT TITLE: GLUCKSTADT RETAIL CENTER
 SHEET TITLE: UTILITY PLAN
 SITE DEVELOPMENT

JOB NO.: 220501
 DATE: 1 AUG 2022
 SCALE: AS SHOWN
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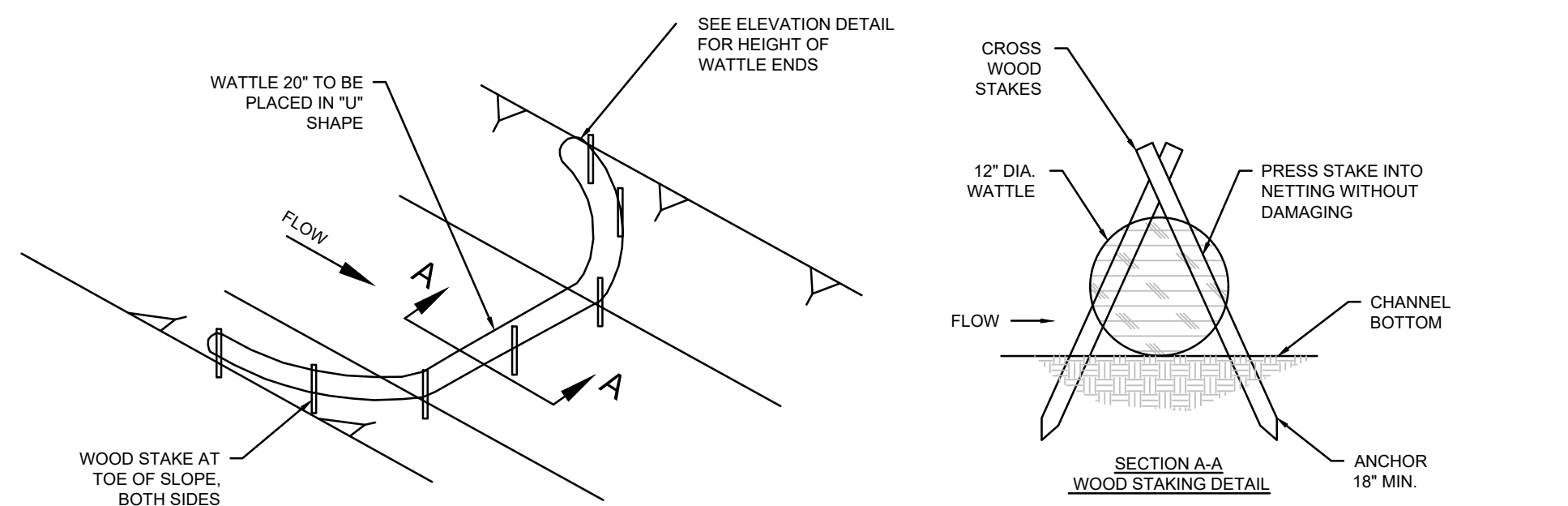


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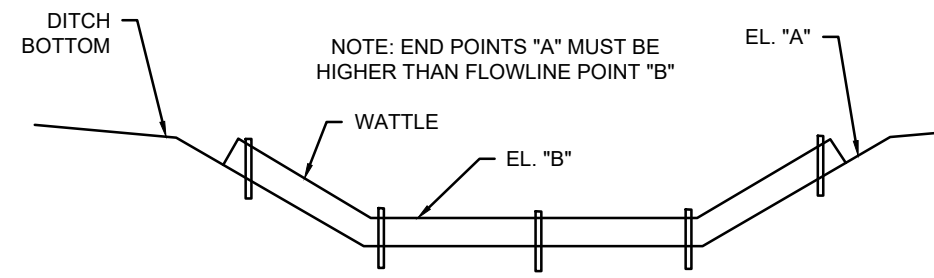
PROPOSED	DESCRIPTION
	SILT FENCE PROTECTION
	LIMITS OF DISTURBANCE
	WATTLE CHECK DAM/INLET PROTECTION

EROSION CONTROL PLAN NOTES

- TOTAL DISTURBED SITE AREA = ±3.00 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.



DETAIL (DITCH CHECK)

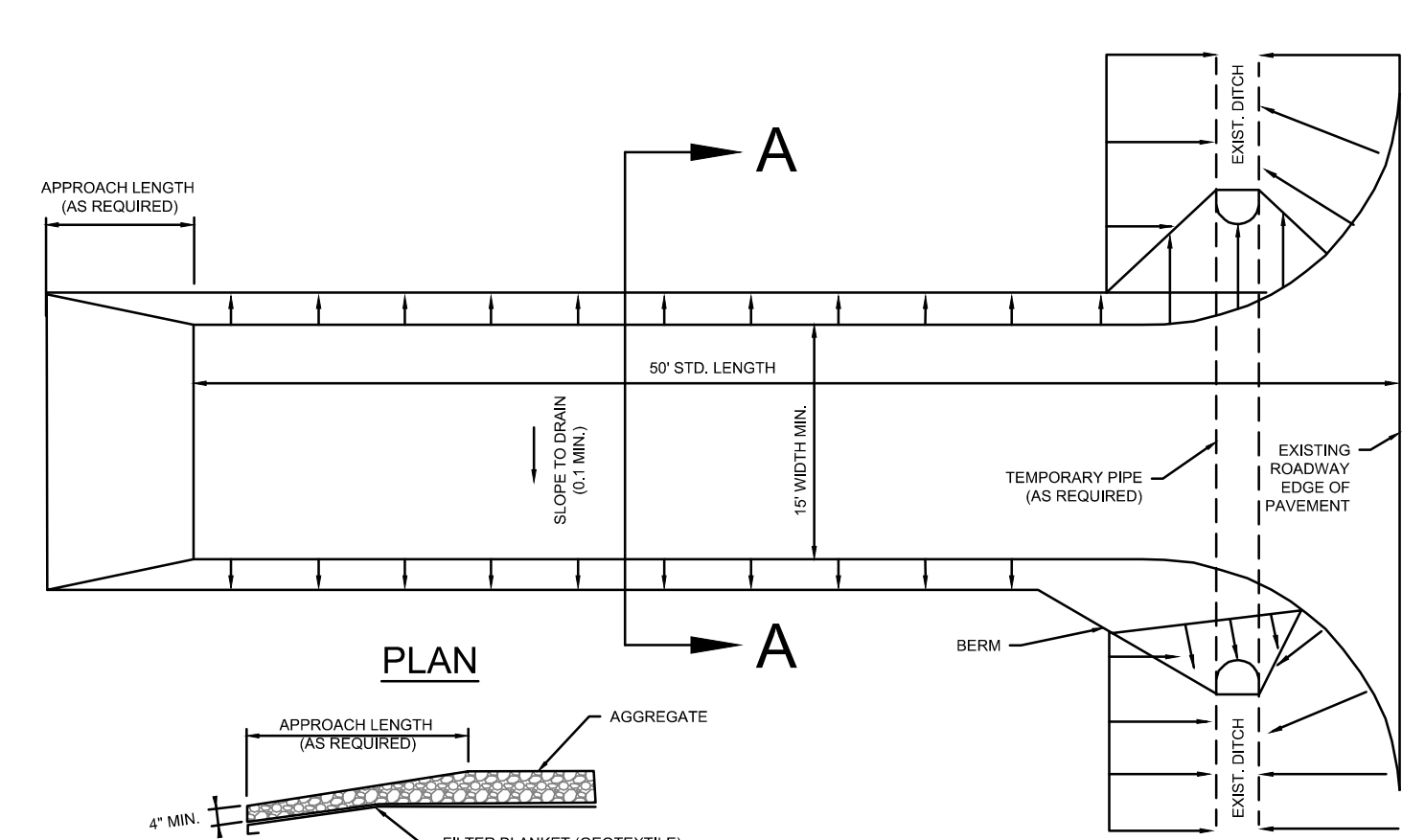


ELEVATION DETAIL

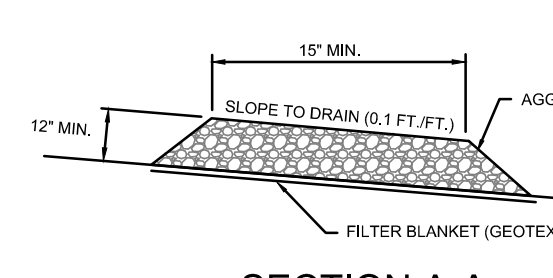
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK (MDOT WORKING NO. ECD-6)

- NOTES:**
- MIN. RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4.
 - ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 - TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
 - WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

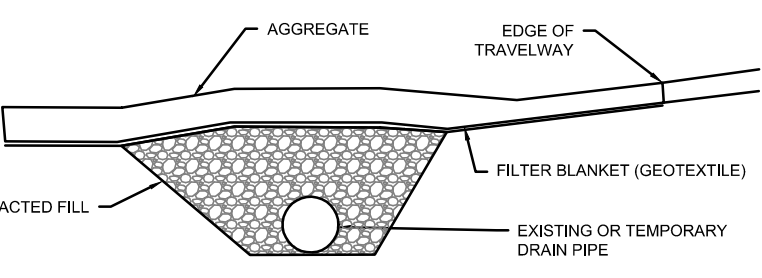
WATTLE DITCH CHECK SELECTION GUIDELINES:
WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.



TRANSITION DETAIL



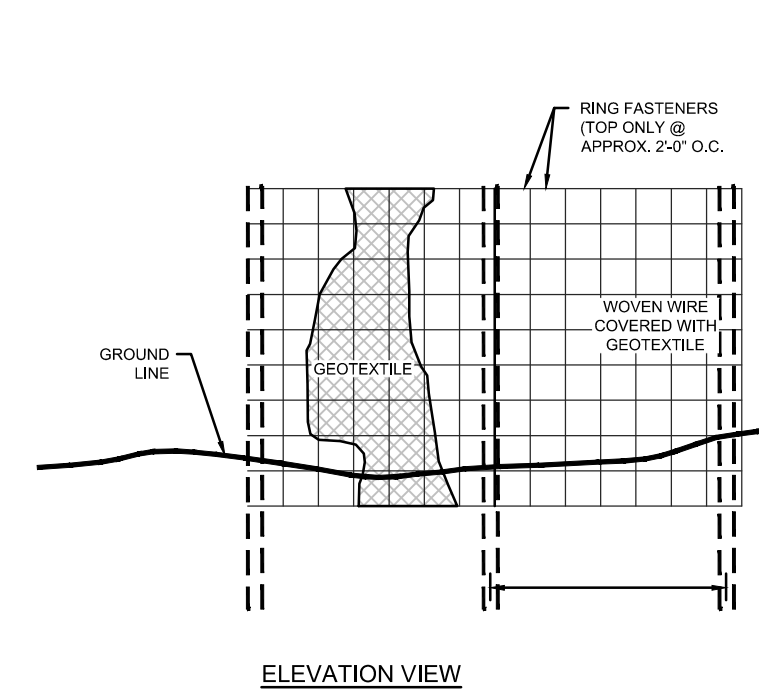
SECTION A-A



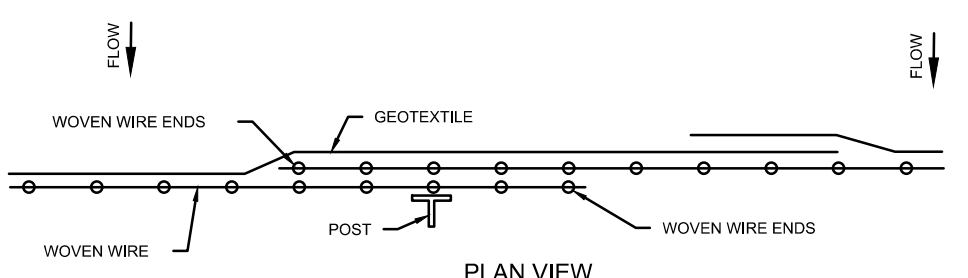
RURAL CONSTRUCTION DETAIL

DETAILS OF STABILIZED CONSTRUCTION ENTRANCE (MDOT WORKING NO. ECD-15)

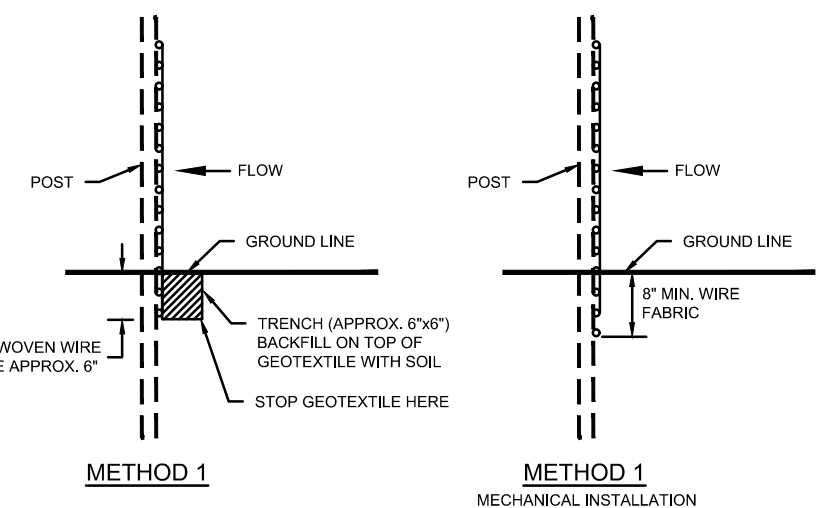
- NOTES:**
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE PROJECT SHALL BE DIRECTED THRU THE STABILIZED ENTRANCE. BARRIERS, FLAGGING OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STABILIZED ENTRANCE.
 - THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ITS USE.
 - ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STABILIZED CONSTRUCTION ENTRANCE AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER. SIZE 1/2" STABILIZER AGGREGATE SHALL BE USED.
 - THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION TO PREVENT OFFSITE TRACKING. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE RINSED WHEN NECESSARY TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUT LEADING TO THE STABILIZED ENTRANCE MAY BE REQUIRED TO LIMIT THE MUD TRACKED.
 - THE NOMINAL SIZE OF A STANDARD STABILIZED CONSTRUCTION ENTRANCE IS 15' X 50' UNLESS OTHERWISE SHOWN IN THE EROSION CONTROL PLAN.



ELEVATION VIEW



**PLAN VIEW
REQUIRED LAPPING**



SIDE VIEW

- NOTES:**
- SILT FENCES SHALL BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
 - SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERRECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 - SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
 - WHEREVER POSSIBLE SILT FENCE SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
 - THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
 - METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 - WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 - GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.

DETAILS OF SILT FENCE INSTALLATION (MDOT WORKING NO. ECD-3)

Section 9, Item E)

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GLUCKSTADT RD

PROJECT TITLE: **GLUCKSTADT RETAIL CENTER**

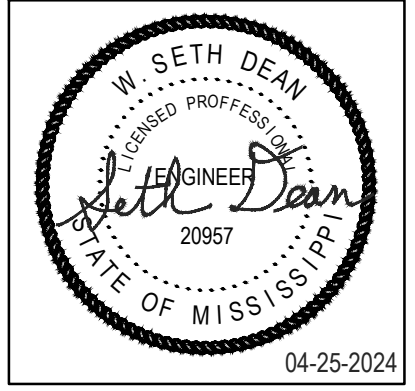
SHEET TITLE: **EROSION CONTROL PLAN (SWPPP)**

SITE DEVELOPMENT

JOB NO.: 220501
DATE: 1 AUG 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER: **6**

DEAN
ENGINEERING SOLUTIONS, INC.
4780 I-55 NORTH, SUITE 100-4
JACKSON, MS 39211
601-557-2002 WWW.DEANESI.COM



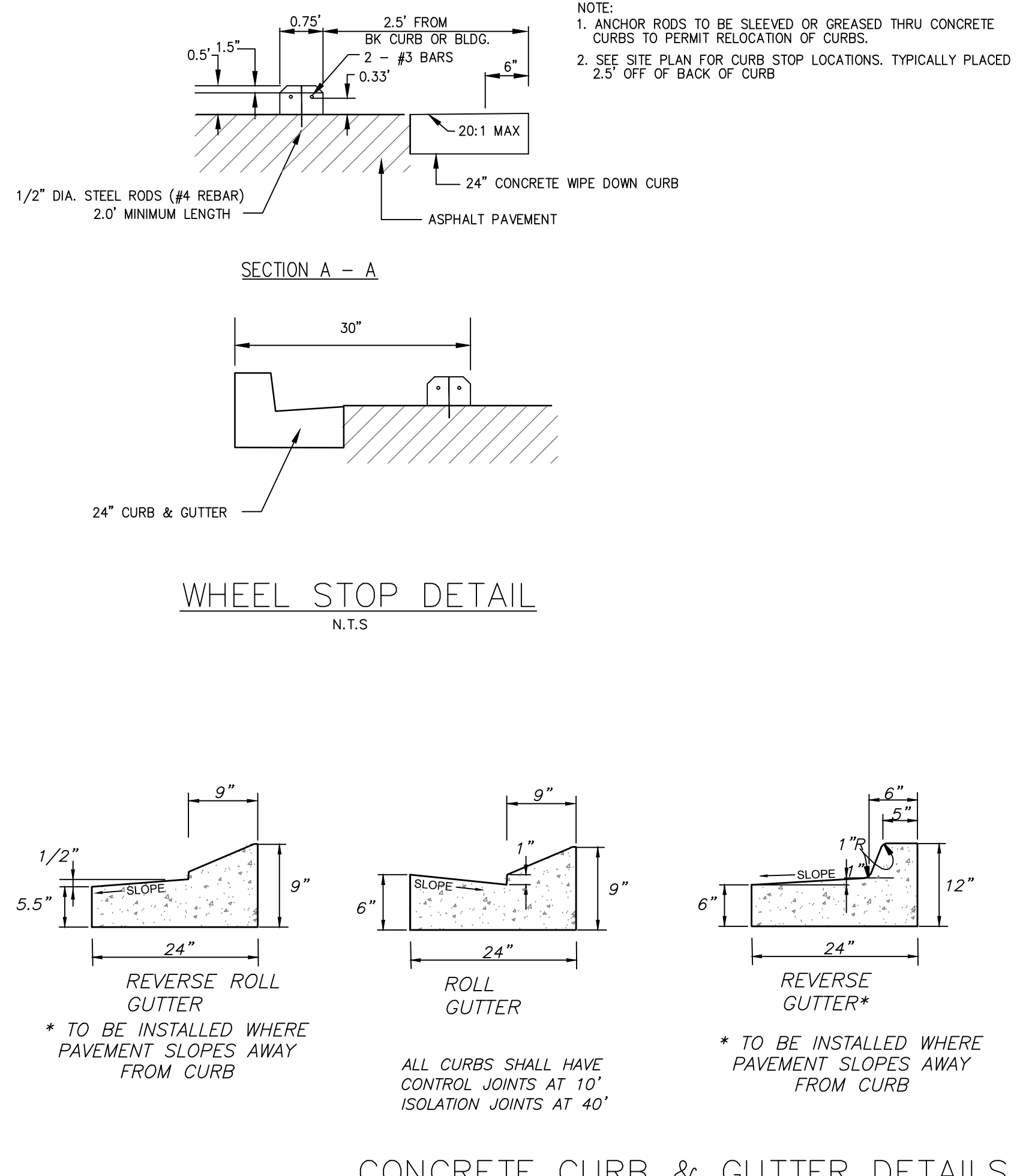
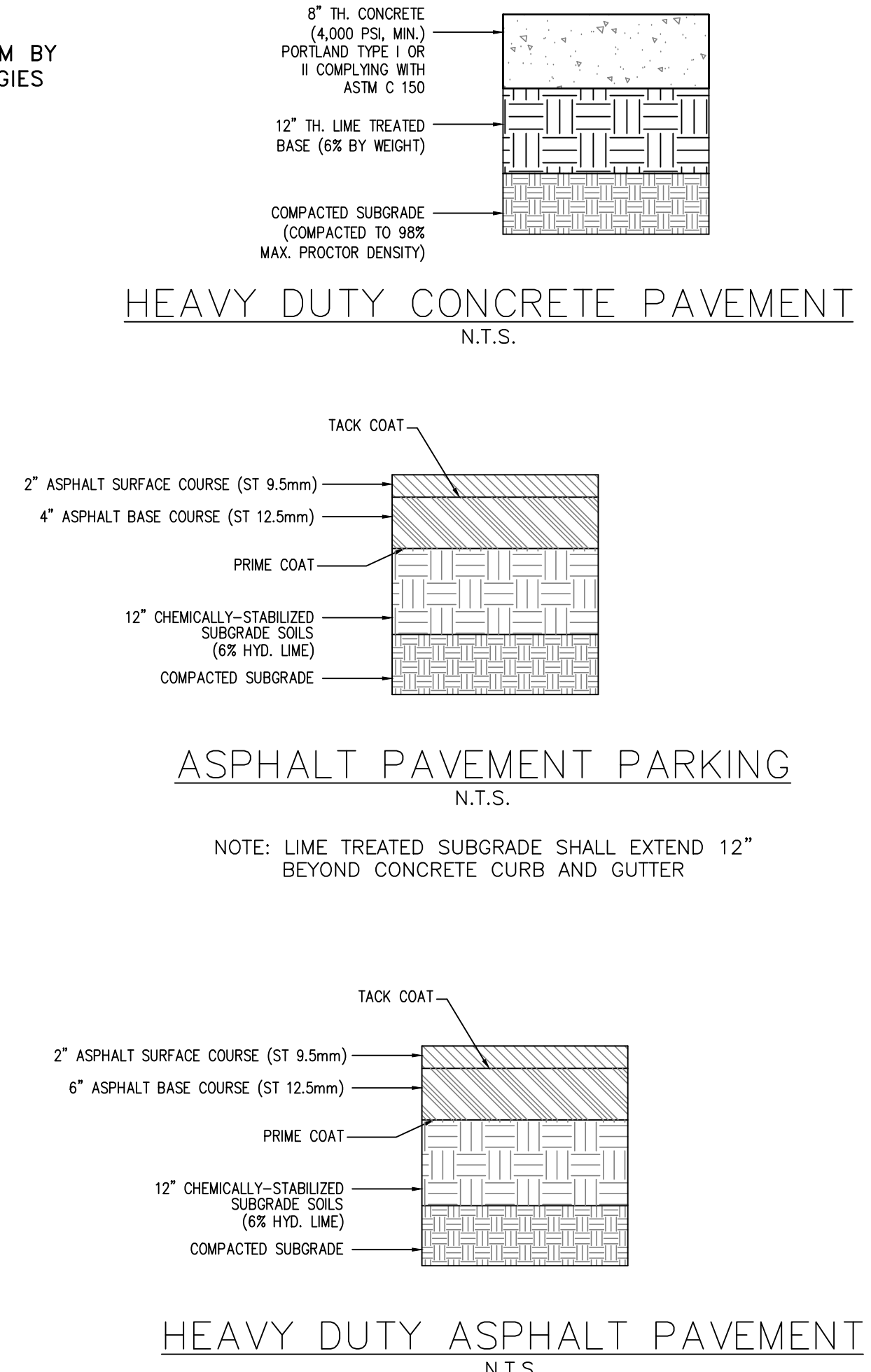
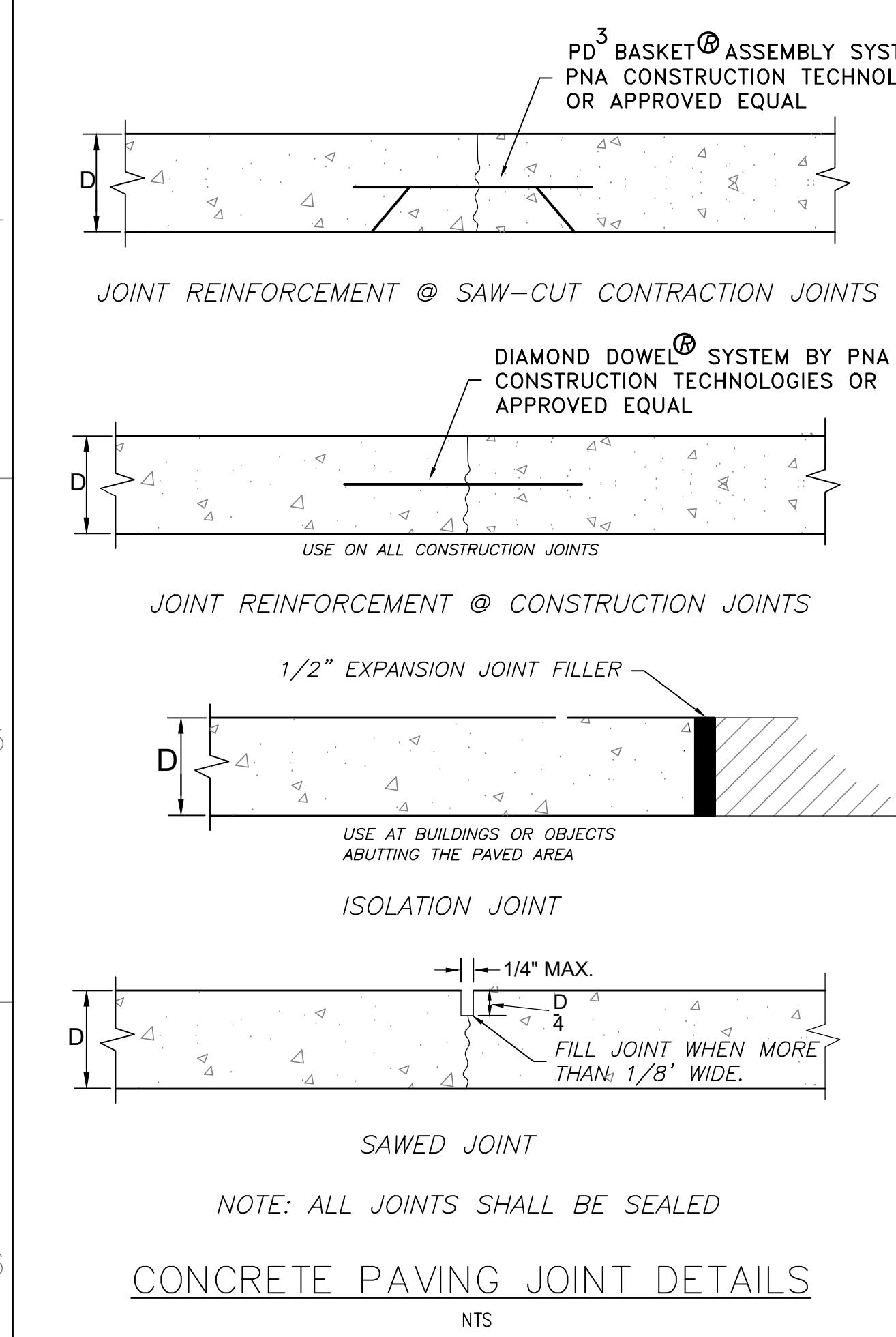
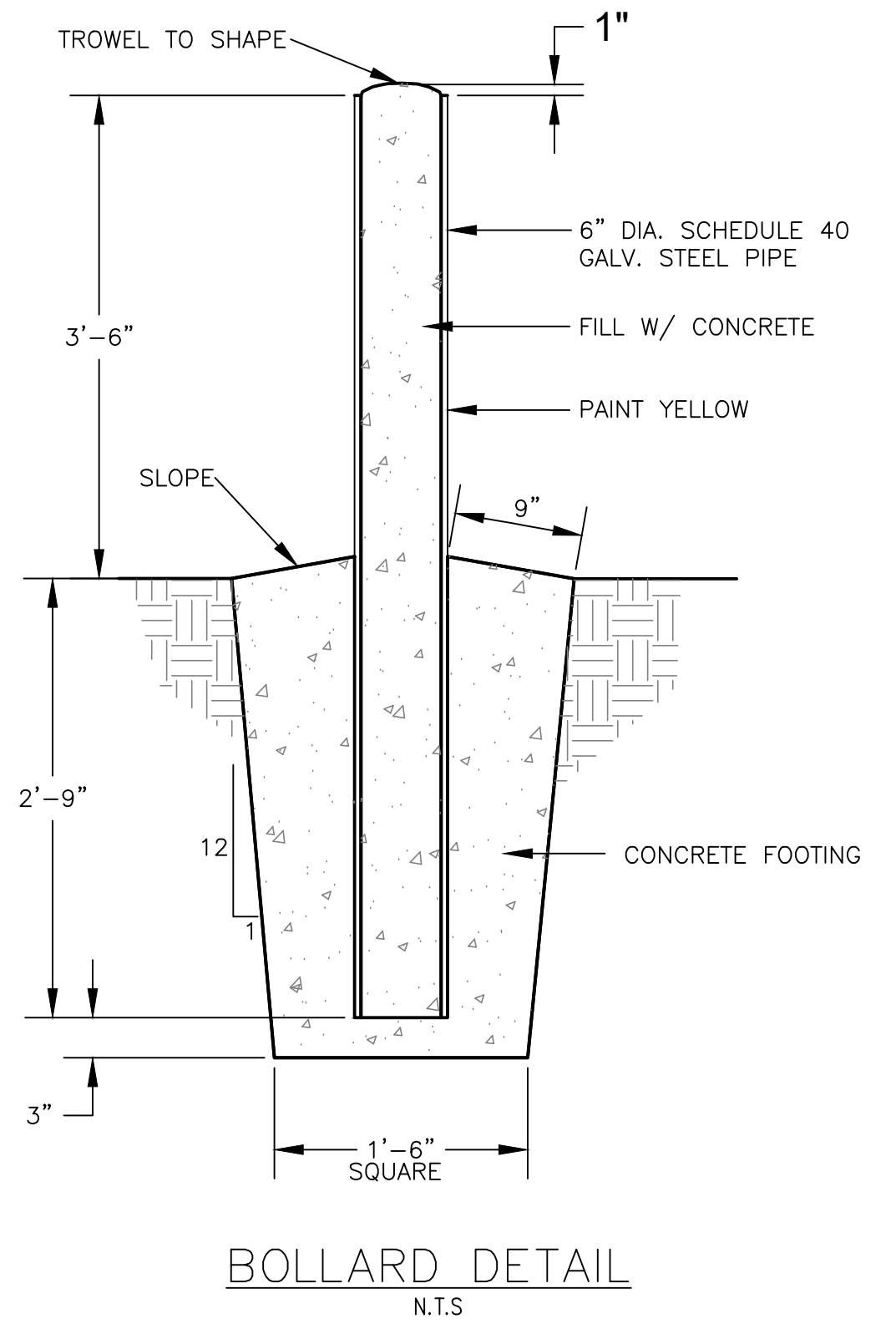
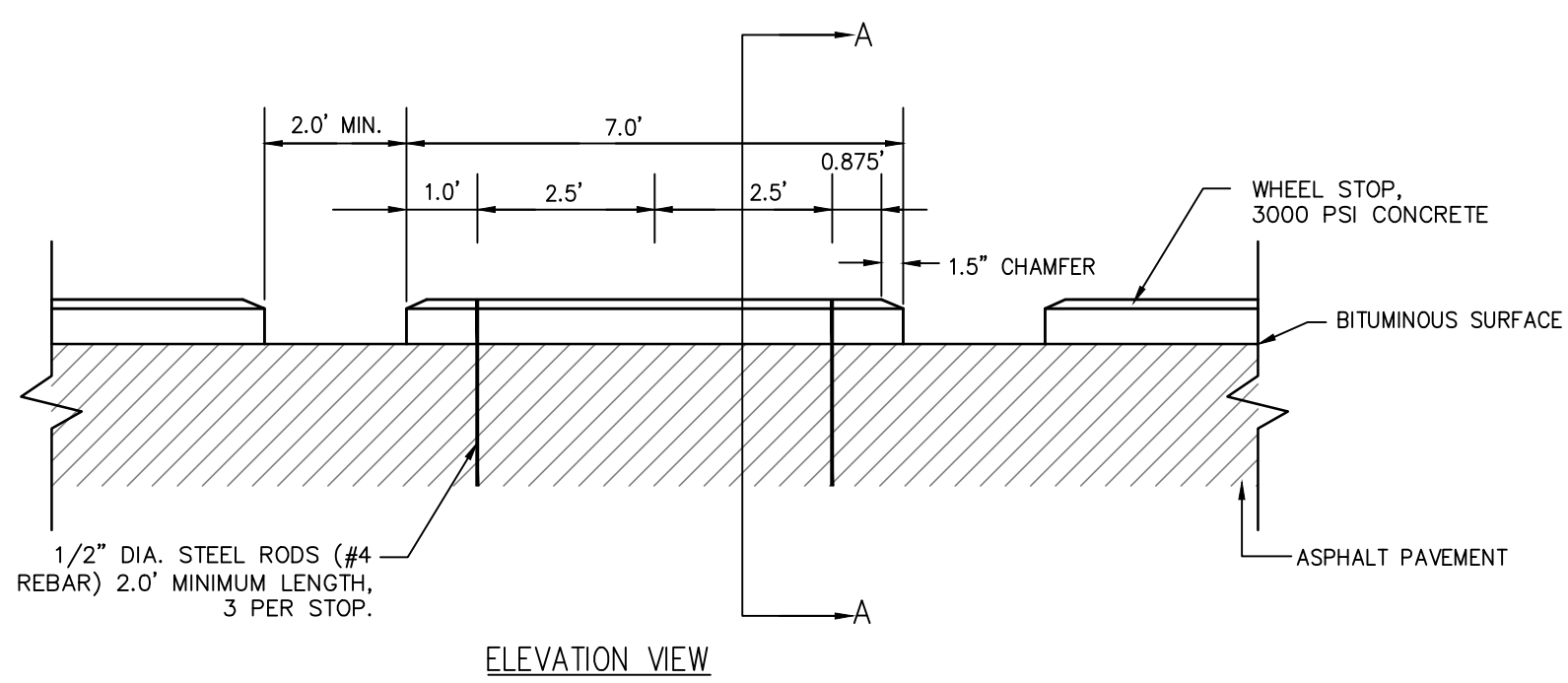
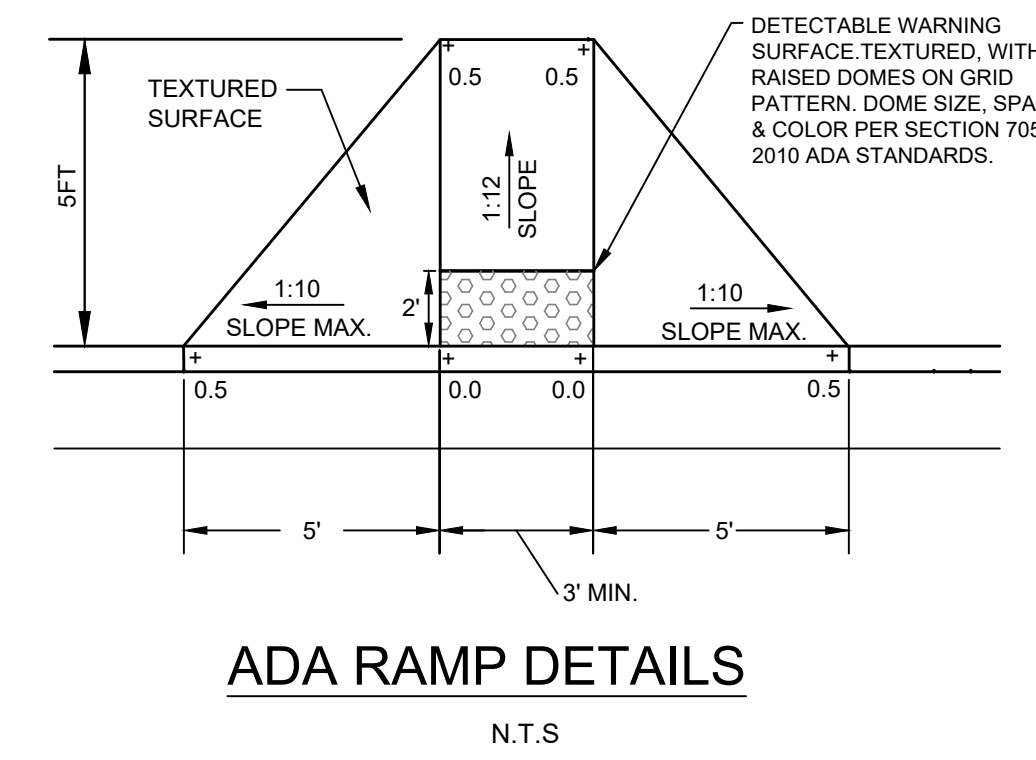
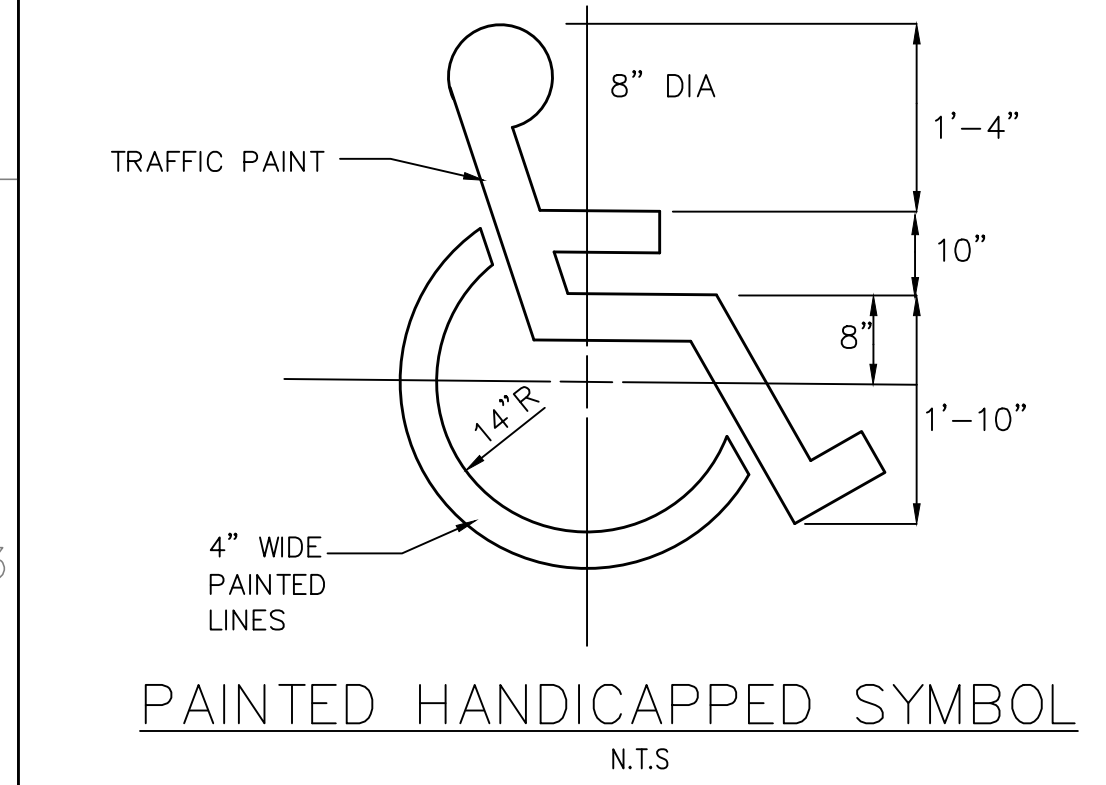
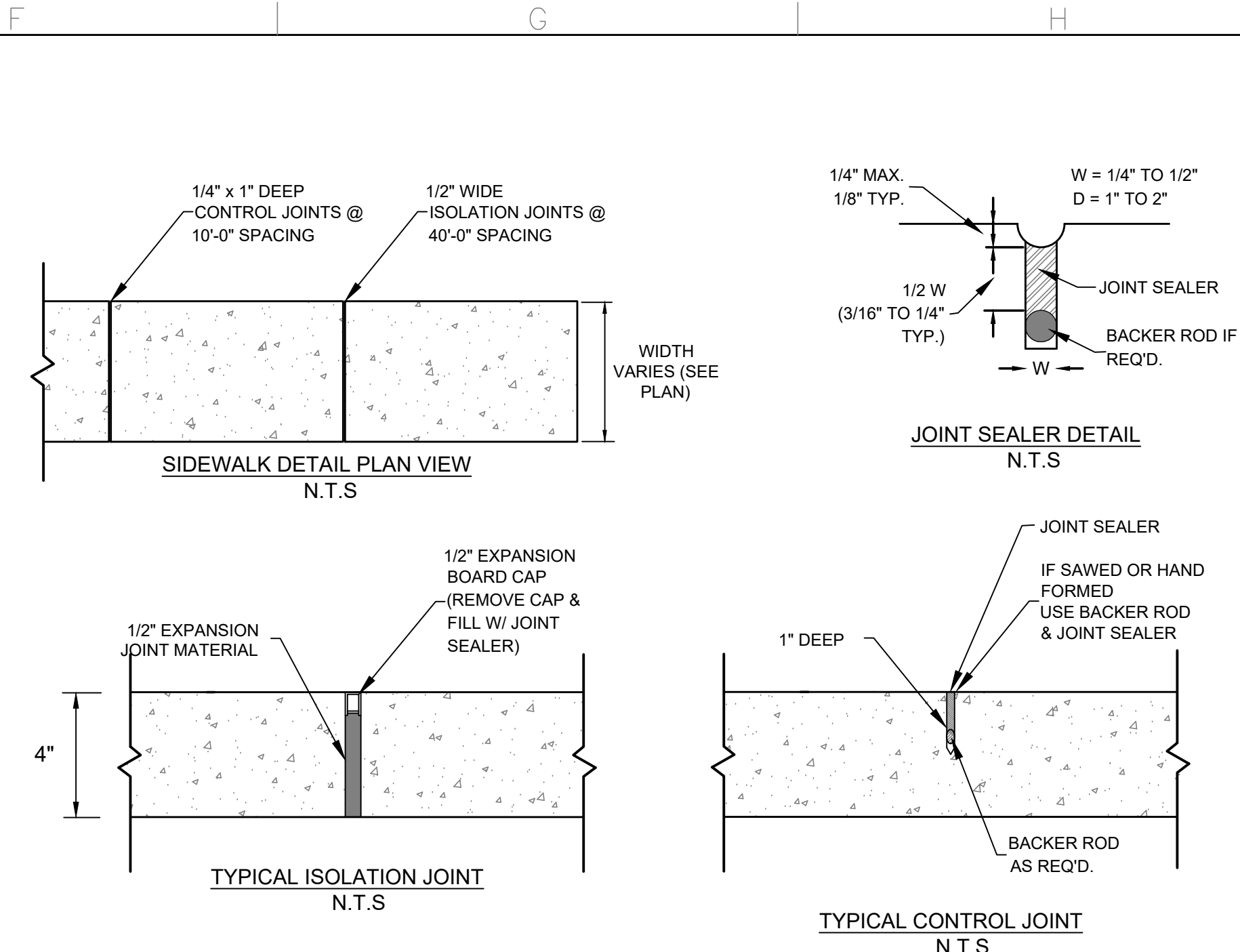
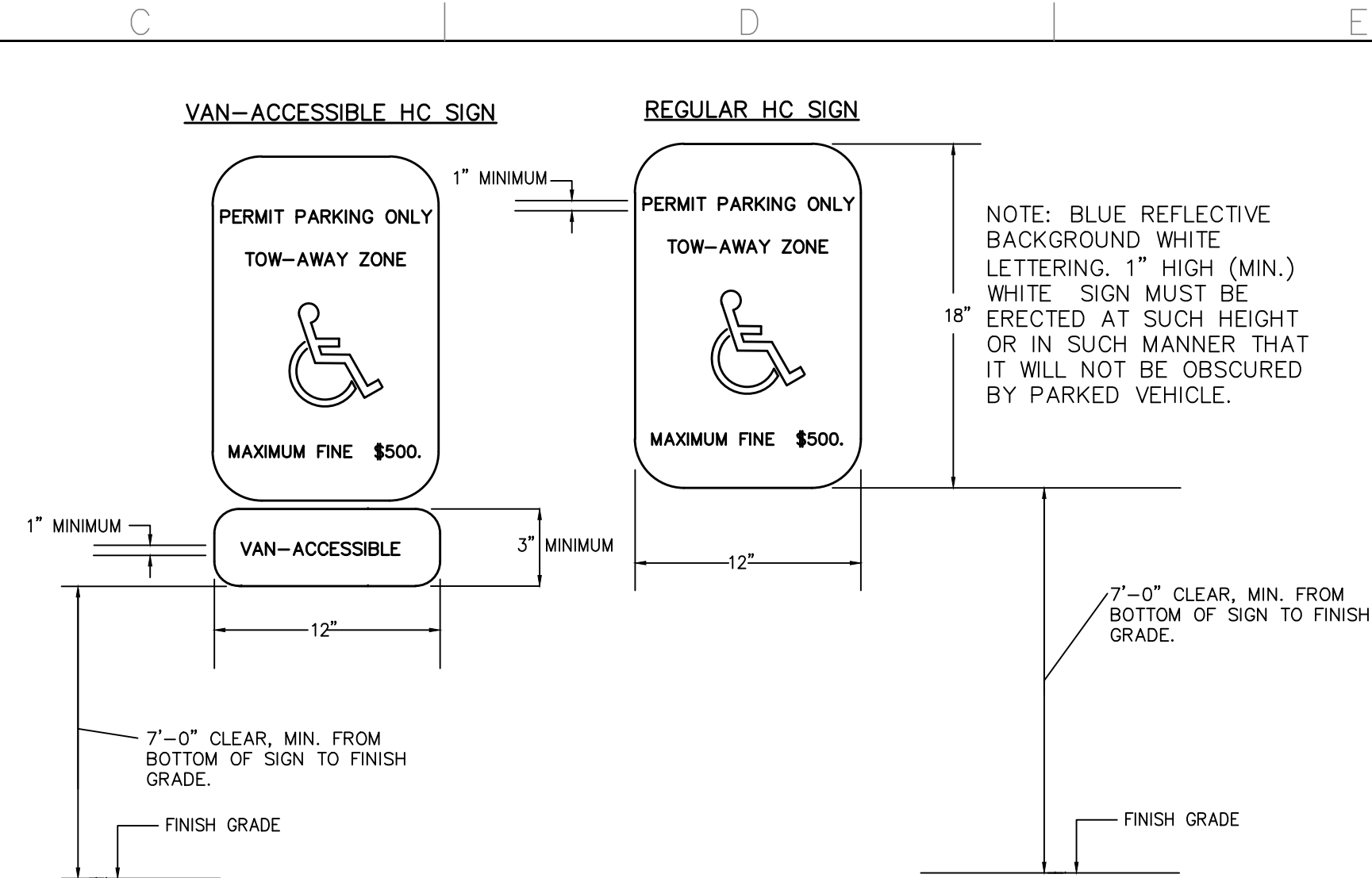
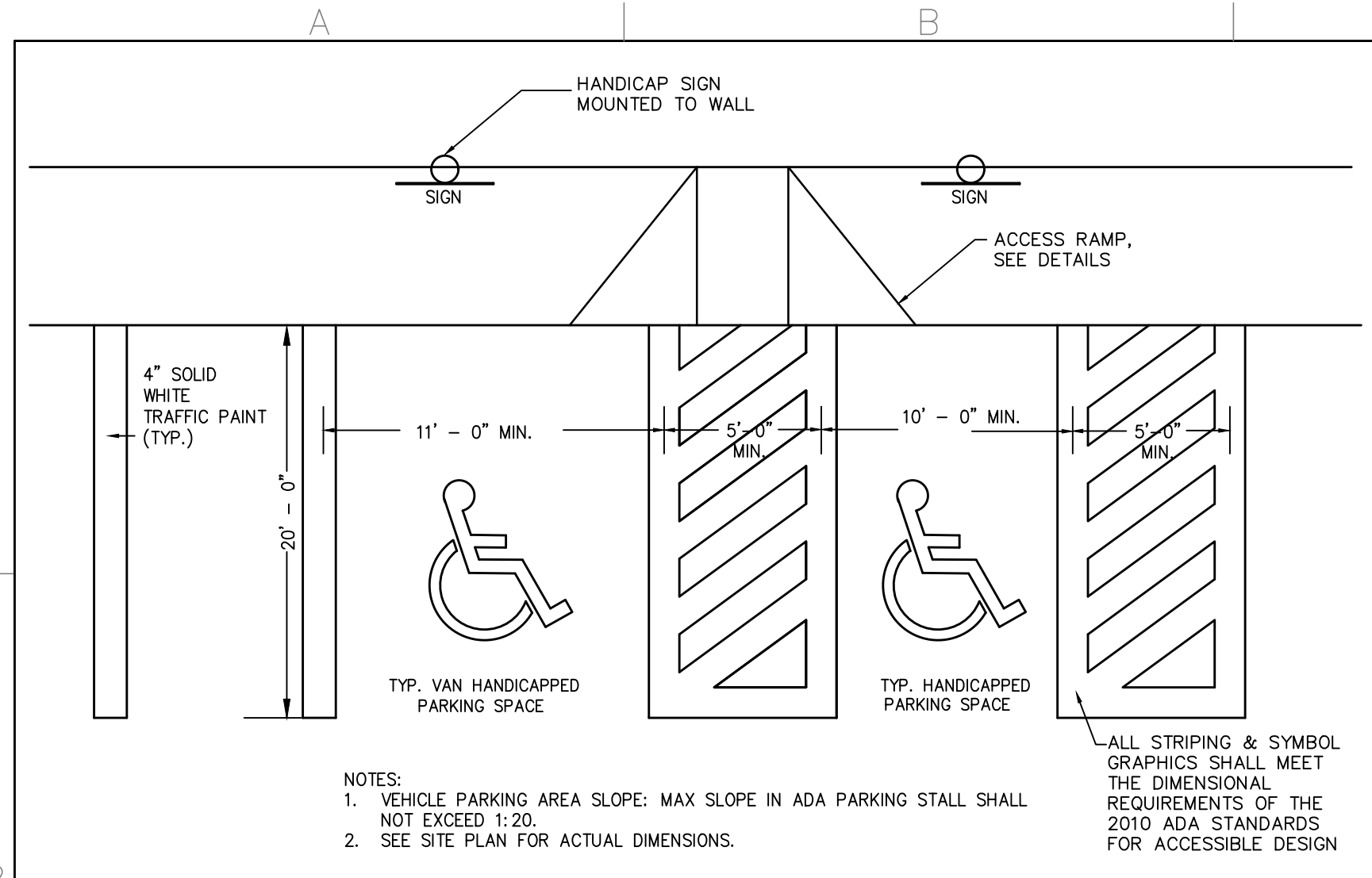
No.	Description	Date
1	PLANS SUBMITTED FOR CITY REVIEW	08-03-2022
2	EAST DRIVE ENTRANCE EDITS PER CITY COMMENTS	08-10-2022
3	BEAR CREEK UTILITY COORDINATION REVISIONS	08-16-2022
4	GRAVITY SEWER ALT. DESIGN (PUMP STATION REMOVED)	12-22-2022
5	UC-DETENTION MODIFICATIONS	04-23-2024

OWNER:
RIVER OAKS INVESTMENT GROUP
DAVID THIND
GLUCKSTADT RD

PROJECT TITLE: **GLUCKSTADT RETAIL CENTER**
SHEET TITLE: **SITE DETAILS**
SITE DEVELOPMENT

JOB NO.: 220501
DATE: 1 AUG 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
7



DEAN
ENGINEERING SOLUTIONS, INC.
4780 W. 55th NORTH, SUITE 100-4
JACKSON, MS 39211
601-557-2002 WWW.DEANESI.COM

REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
20051

DATE: 04-25-2024

DRAWING ISSUED

No.	Description	Date
1	PLANS SUBMITTED FOR CITY REVIEW	08-03-2022
2	EAST DRIVE ENTRANCE EDITS PER CITY COMMENTS	08-10-2022
3	BEAR CREEK UTILITY COORDINATION REVISIONS	08-16-2022
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OWNER:
RIVER OAKS
INVESTMENT GROUP

PROJECT TITLE: GLUCKSTADT RETAIL CENTER

SHEET TITLE: UTILITY DETAILS

SITE DEVELOPMENT

DAVID THIND
GLUCKSTADT RD

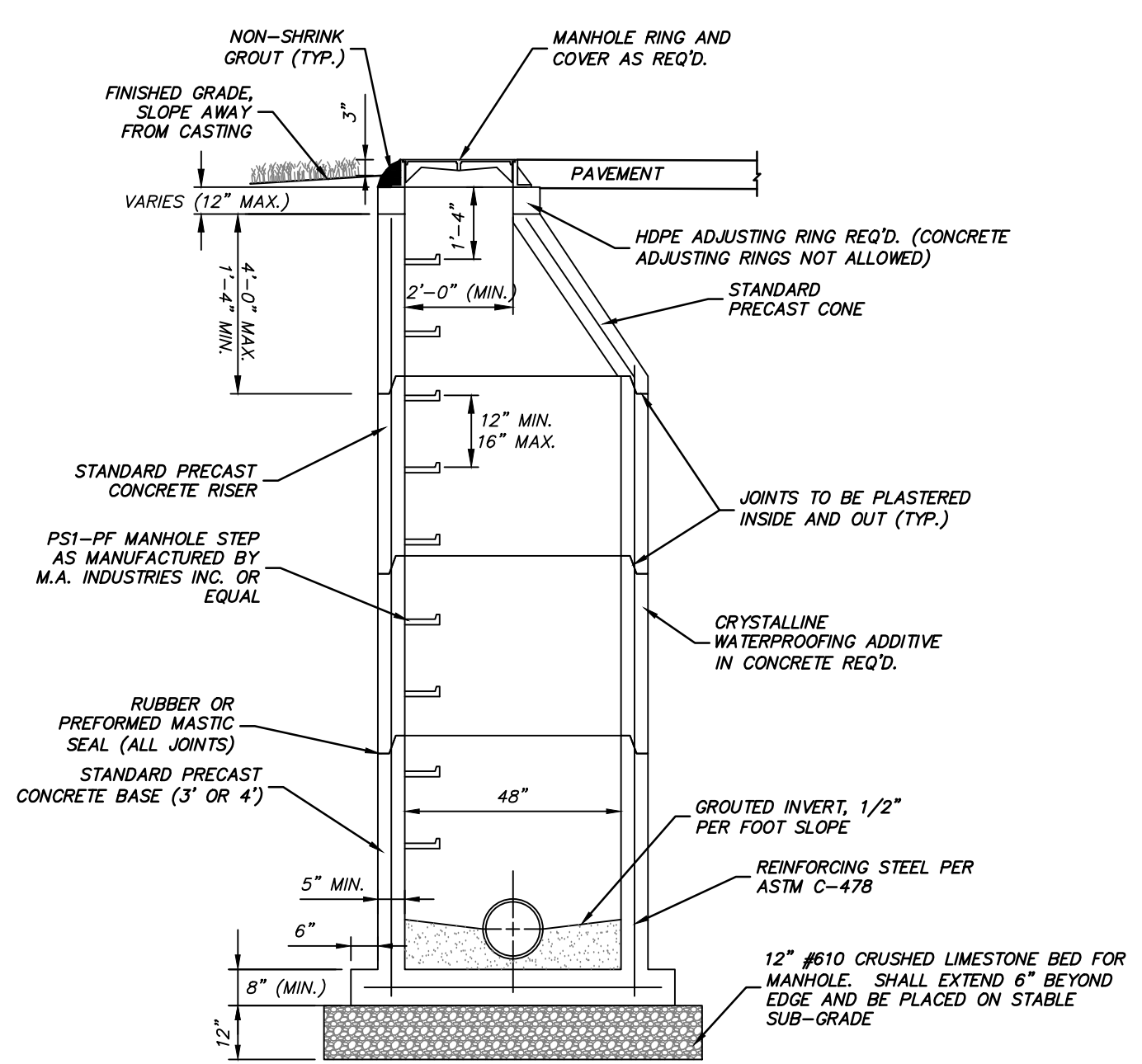
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UTILITY DETAILS

SITE DEVELOPMENT

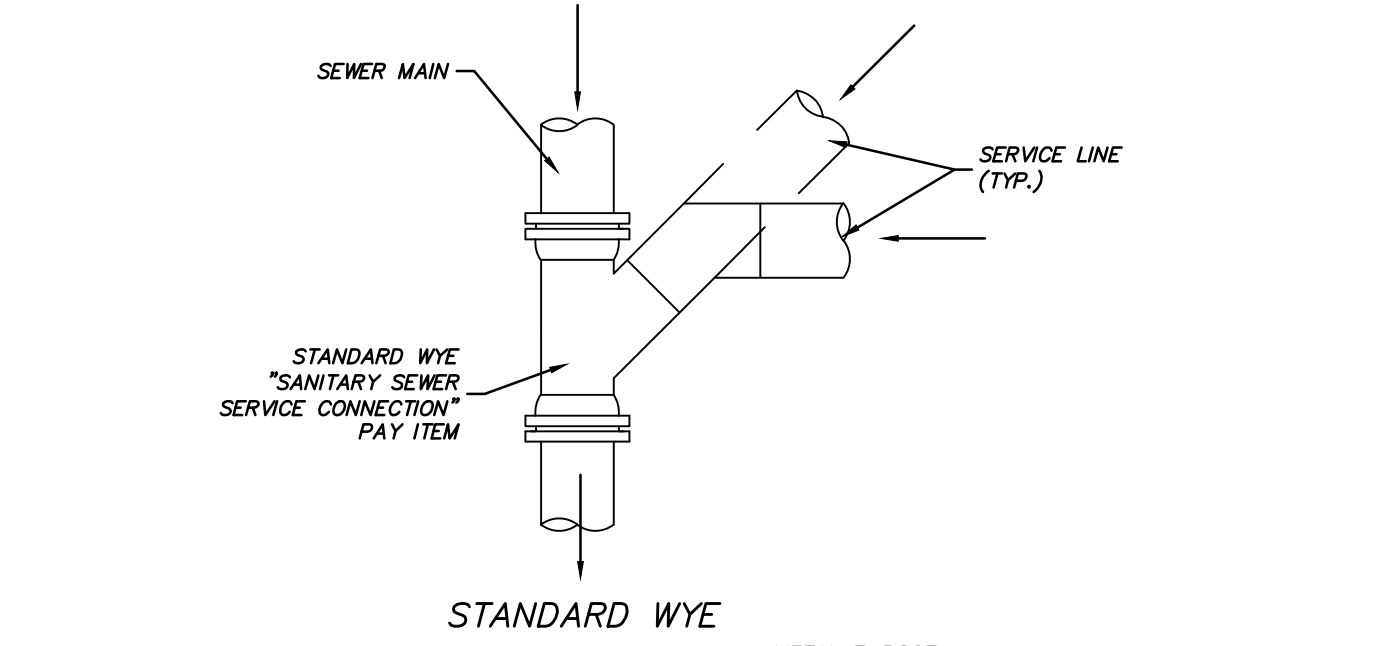
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SHEET NUMBER: 8

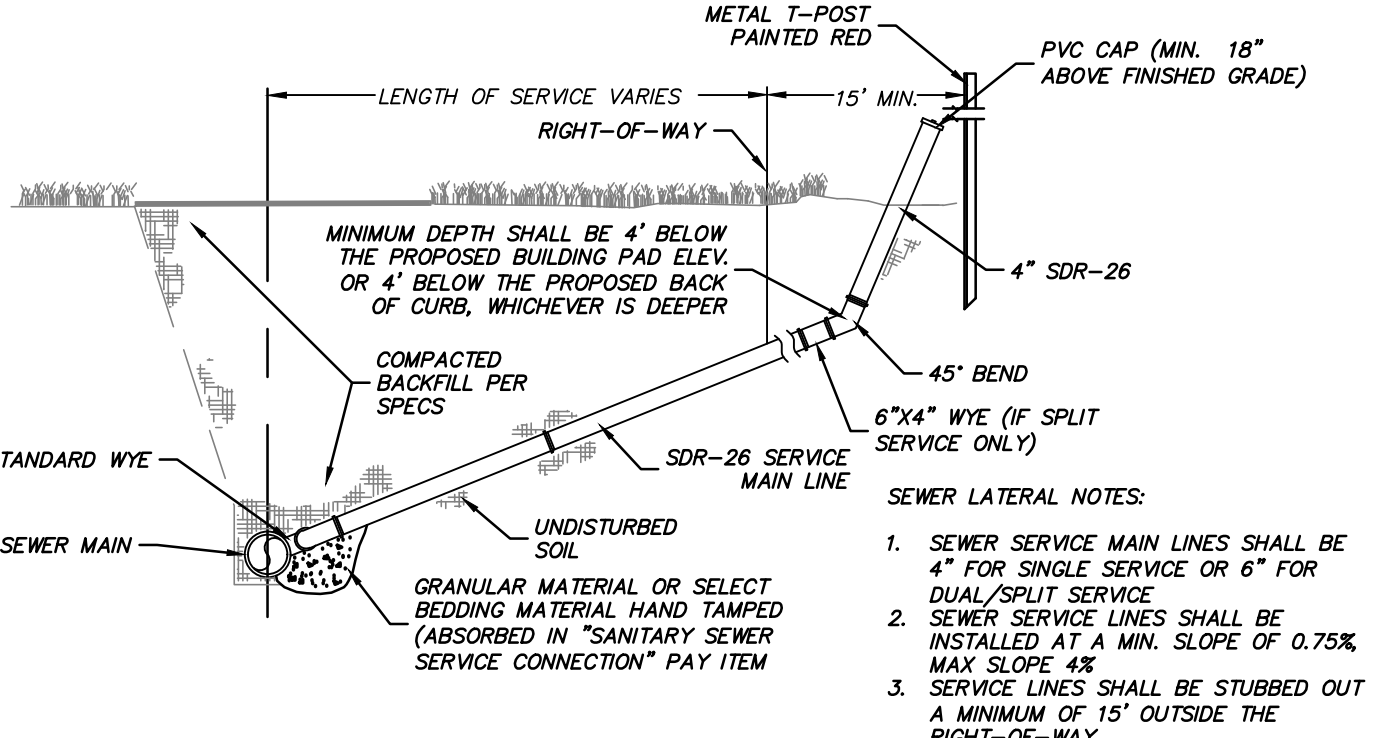


- PRECAST MANHOLE NOTES:**
1. ALL MANHOLE BASES SHALL BE 48" DIAMETER UNLESS OTHERWISE SHOWN ON THE PLANS. ALL MANHOLE BASES SHALL HAVE (AT A MINIMUM) NO. 4 REINFORCING BARS PLACED @ 10" CENTERS BOTH WAYS.
 2. ALL MANHOLE FRAMES AND COVERS SHALL BE EAST JORDAN IRON WORKS, 1045Z FRAME & 1040AGS COVER ASSEMBLY OR APPROVED EQUAL. TOP OF CASTINGS SHALL EXTEND A MINIMUM OF 0.25" ABOVE THE FINISHED GRADE.
 3. MANUFACTURER SHALL ASSURE THAT REQUIRED MANHOLE RING AND COVER WILL FIT PROPERLY.
 4. BUTYL RUBBER OR HYDROCARBON RESIN MATERIAL TO BE USED AT ALL MANHOLE SECTION JOINTS.
 5. RUBBER GASKETS SHALL BE THE "O" RING TYPE CONFORMING TO THE REQUIREMENTS OF THE LATEST ASTM STANDARD SPECIFICATION A-443.
 6. ALL LIFT HOLES ON EACH SECTION SHALL BE SEALED WATER-TIGHT WITH NON-SHRINK GROUT INSIDE AND OUT.
 7. EACH GRADING RING SHALL BE LAID IN A FULL BED OF MORTAR AND SHALL BE THOROUGHLY BONDED. THE OUTSIDE OF THE GRADING RINGS SHALL BE NEATLY PLASTERED WITH 1/2" OF CEMENT MORTAR.
 8. THE INTERIOR OF ALL PRECAST MANHOLE SECTIONS, SLABS AND ADJUSTING RINGS SHALL BE COATED WITH COAL TAR EPOXY THAT MEETS THE PROJECT SPECIFICATIONS UNLESS OTHERWISE SPECIFIED (ABSORBED).
 9. ALL ITEMS SHOWN ON DETAILS SHALL BE CONSIDERED ABSORBED WITH EACH MANHOLE PAY ITEM.

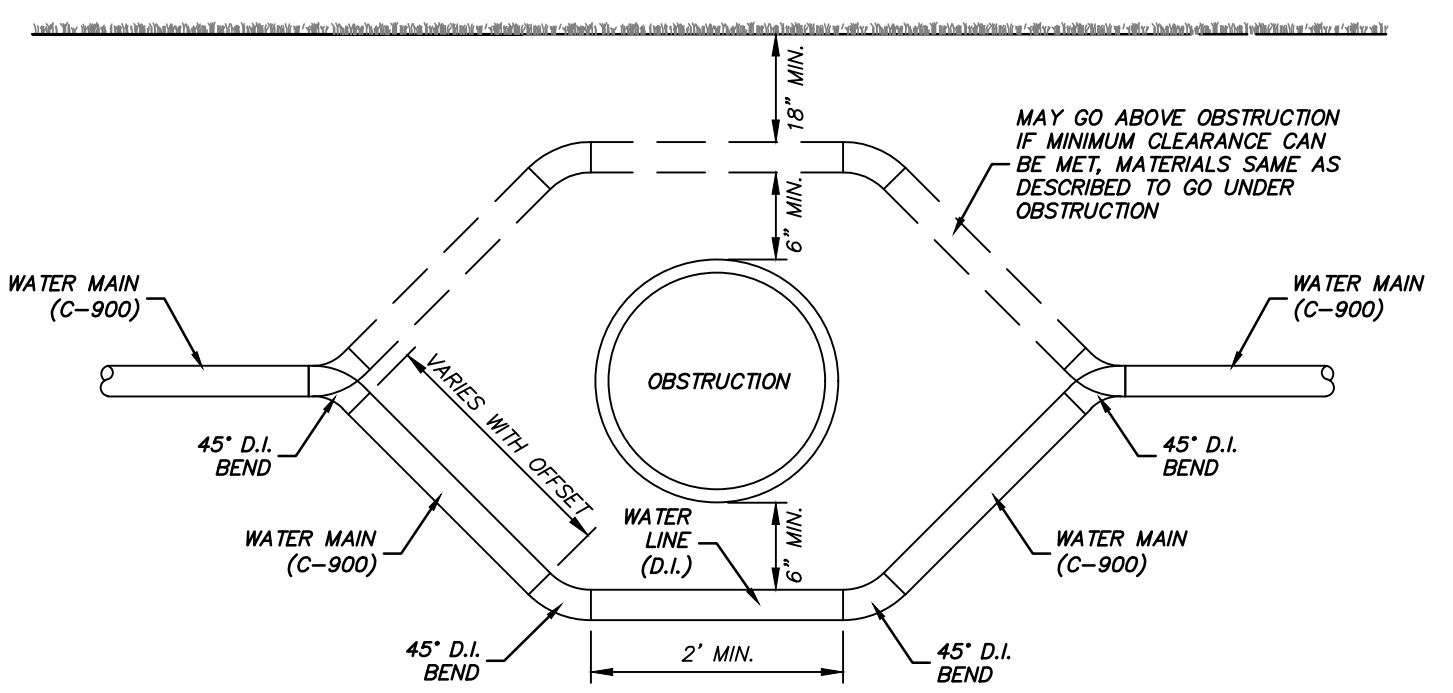
STANDARD 48" DIAMETER PRECAST MANHOLE



STANDARD SEWER LATERAL (SERVICE LINE) OVER 8' DEEP - SINGLE OR SPLIT

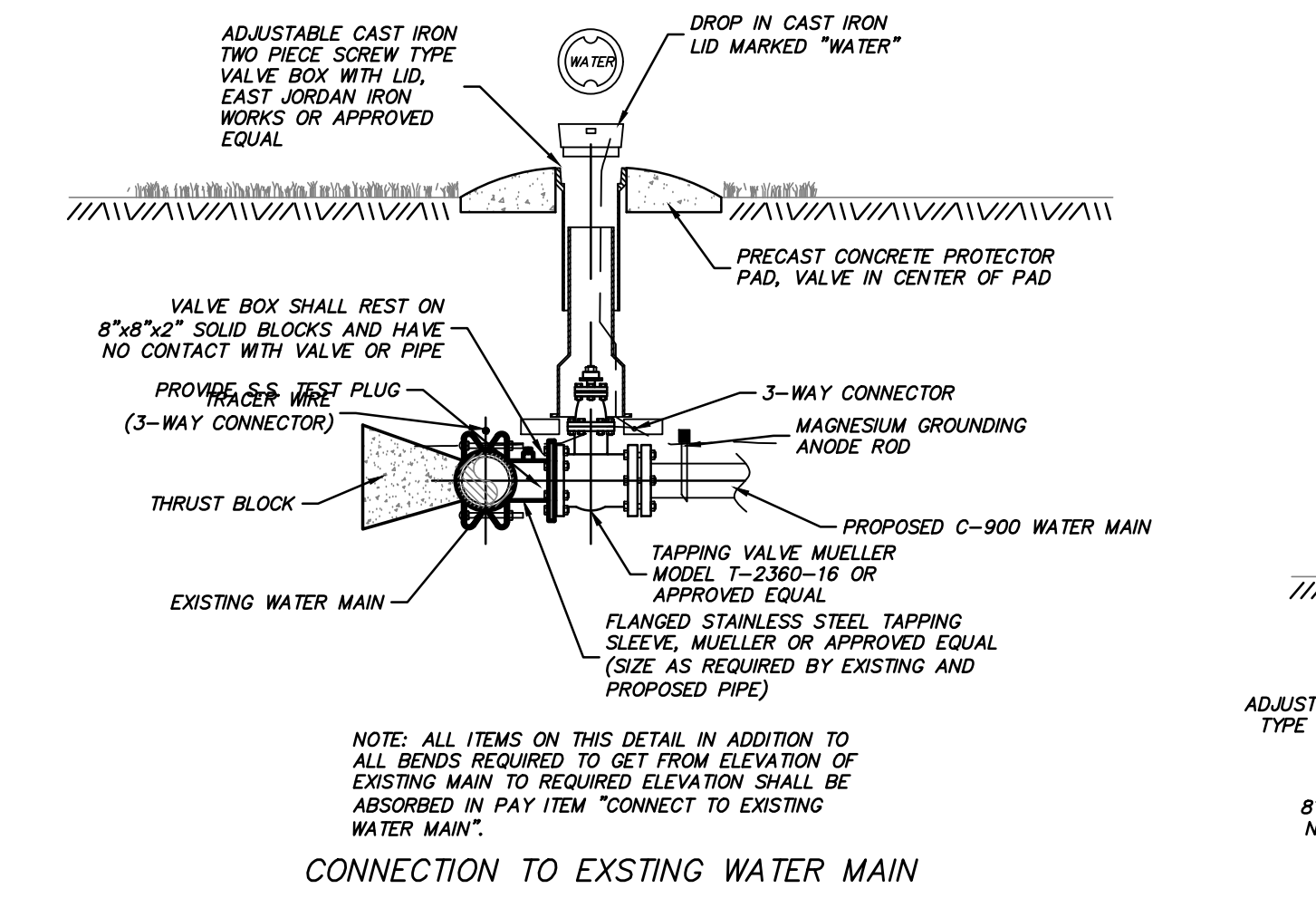


STANDARD SEWER LATERAL (SERVICE LINE) 0-8' DEEP - SINGLE OR SPLIT

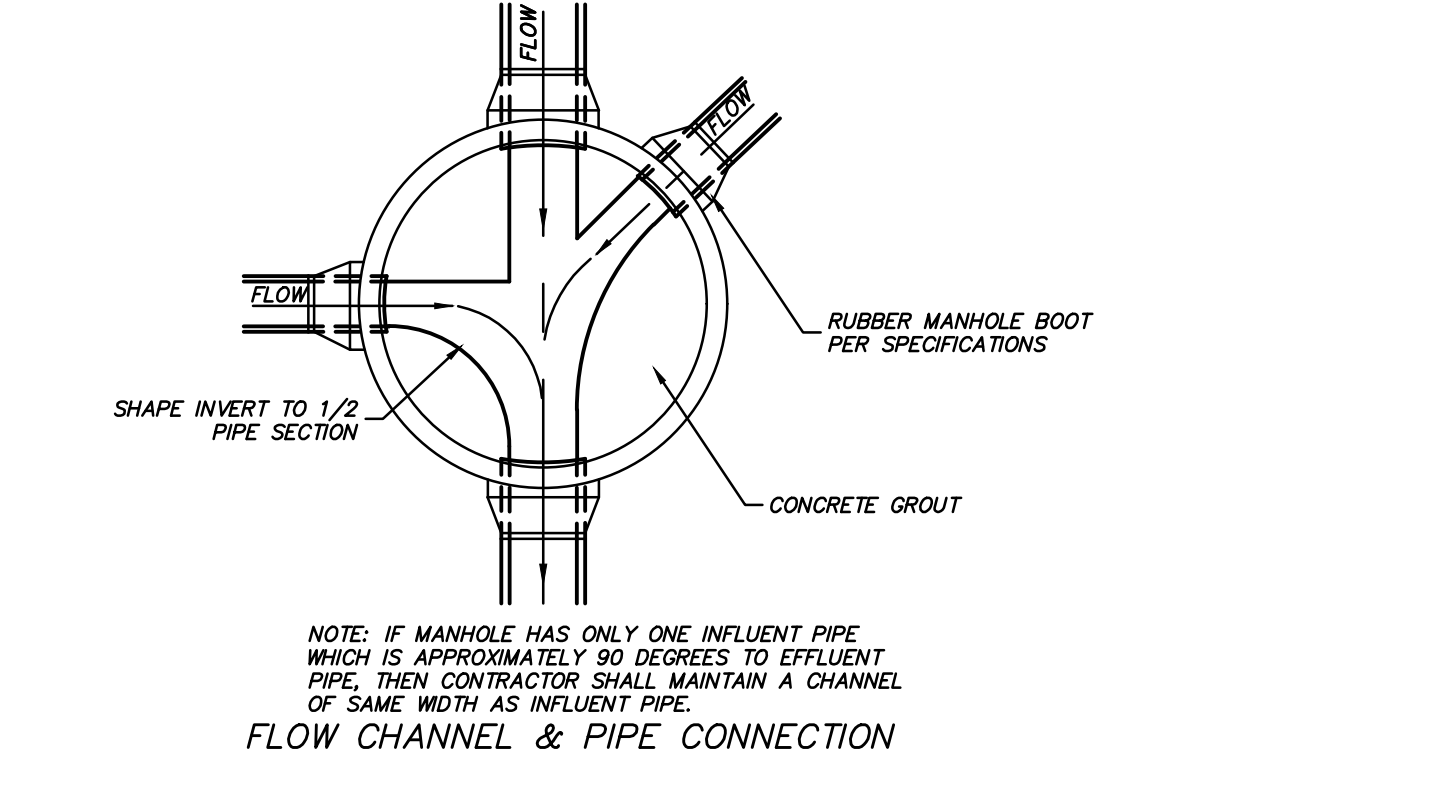


- WATER LINE OBSTRUCTION NOTES:**
1. CONTRACTOR TO FOLLOW CLEARANCE REQUIREMENTS IN THE SPECIFICATIONS FOR WATER, STORM DRAIN AND SANITARY SEWER LINE CROSSINGS. WHEN THE WATER LINE MUST CROSS UNDER THE OBSTRUCTION THE PIPE SHALL BE DUCTILE IRON, CASED WITH STEEL CASING, OR FULLY ENCASED WITH CONCRETE.
 2. WATER LINE TO PASS OVER OBSTRUCTION IF CLEARANCE REQUIREMENTS CAN BE MET.
 3. CONTRACTOR TO FOLLOW REQUIREMENTS IN THE SPECIFICATIONS FOR THE PIPE FITTINGS REQUIRED TO DOOR OBSTRUCTION.
 4. SAME SPECIFICATIONS APPLY FOR SANITARY SEWER FORCE MAIN OBSTRUCTIONS.
 5. WORK & MATERIALS REQUIRED FOR WATER LINE OBSTRUCTION SHALL BE AN ABSORBED COST.
 6. CONTRACTOR SHALL PROVIDE JOINT RESTRAINTS AS REQUIRED PER PROJECT SPECIFICATIONS

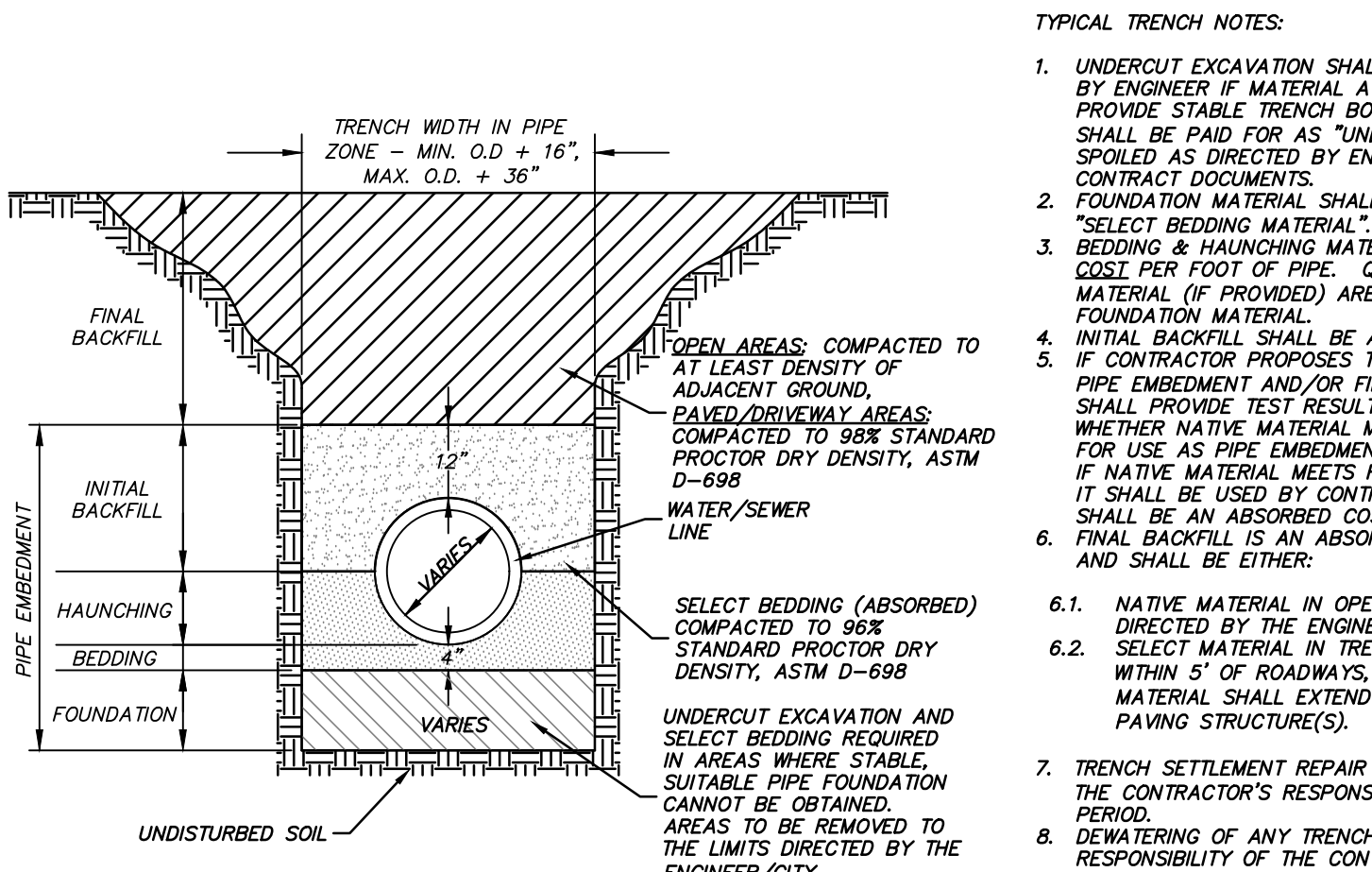
TYPICAL WATER LINE OBSTRUCTION



CONNECTION TO EXISTING WATER MAIN

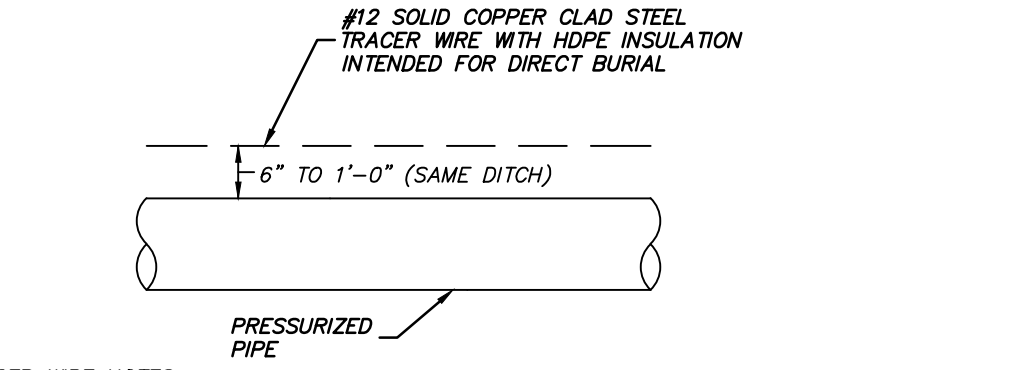


FLOW CHANNEL & PIPE CONNECTION



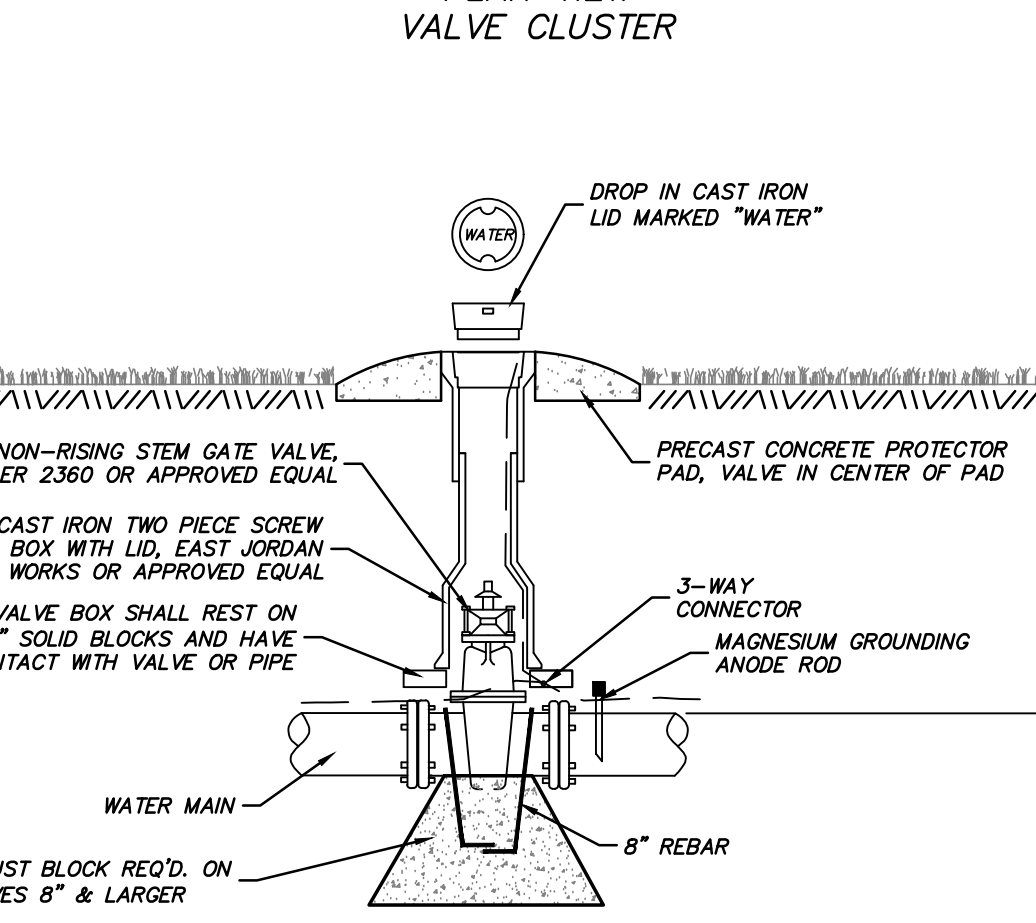
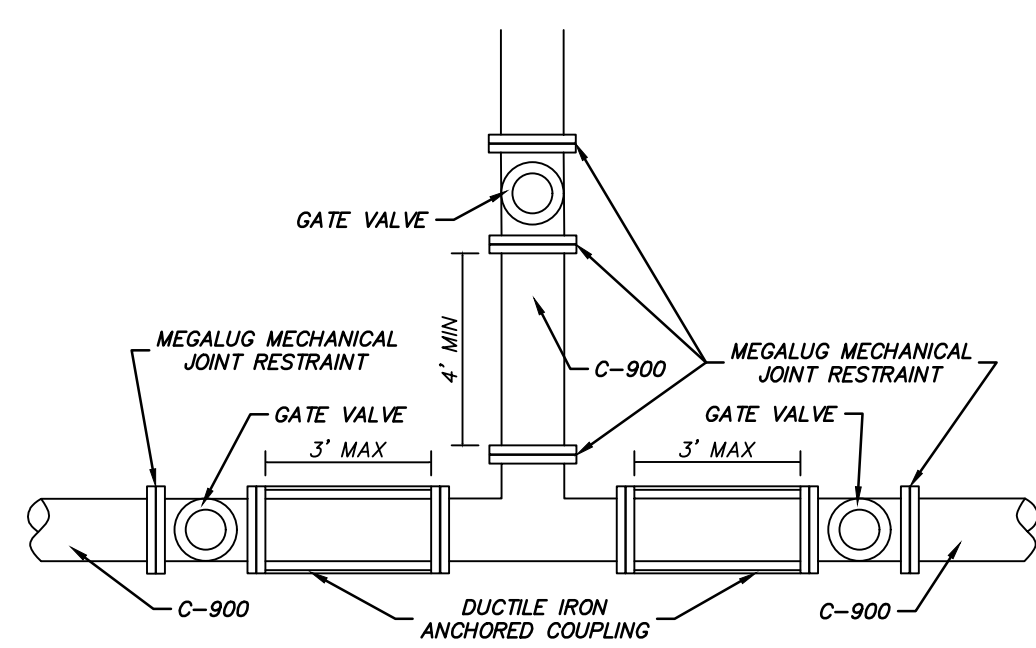
TYPICAL TRENCH FOR PVC WATER & SEWER LINES

NOTE: DETAIL DRAWINGS ARE NOT TO SCALE UNLESS OTHERWISE NOTED ON SPECIFIC DETAIL.

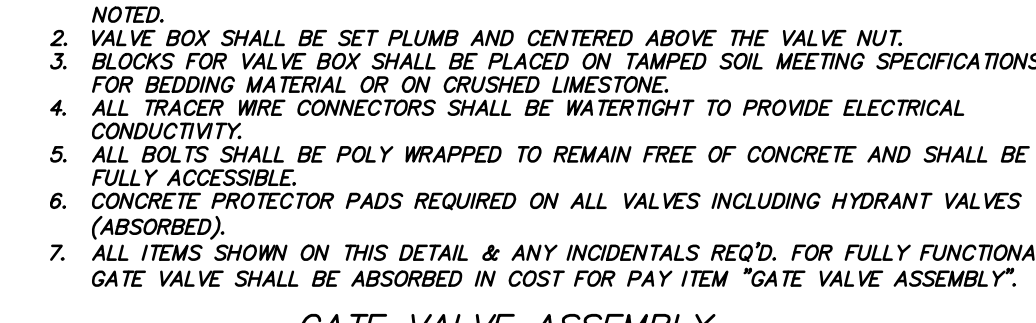


- TRACER WIRE NOTES:**
1. TRACER WIRE SHALL BE ABSORBED IN THE PER FOOT COST OF THE PRESSURIZED LINE.
 2. TRACER WIRE COLOR SHALL BE BLUE FOR WATER CONSTRUCTION.
 3. ALL TRACER WIRE SHALL BE INSTALLED AS A COMPLETE SYSTEM, COMPLETE WITH CONNECTORS, MAGNESIUM ANODE GROUND RODS, AND TERMINAL STATIONS AT EACH FIRE HYDRANT, WATER VALVE, AND TERMINATION LOCATIONS.
 4. TRACER WIRE SHALL BE COPPERHEAD 1230-HS OR APPROVED EQUAL BY CITY.
 5. ALL ACCESSORIES SHALL BE COPPERHEAD OR APPROVED EQUAL BY CITY.
 6. TRACER WIRE WILL BE TESTED BY CITY AND ALL AREAS NOT ABLE TO BE LOCATED USING TYPICAL LOW FREQUENCY LINE TRACING EQUIPMENT SHALL BE REPAIRED BY CONTRACTOR PRIOR TO ACCEPTANCE.
 7. ALL TRACER WIRE CONNECTORS SHALL BE PRO-TRACE TW AND SHALL BE WATER-TIGHT TO PROVIDE ELECTRICAL CONDUCTIVITY

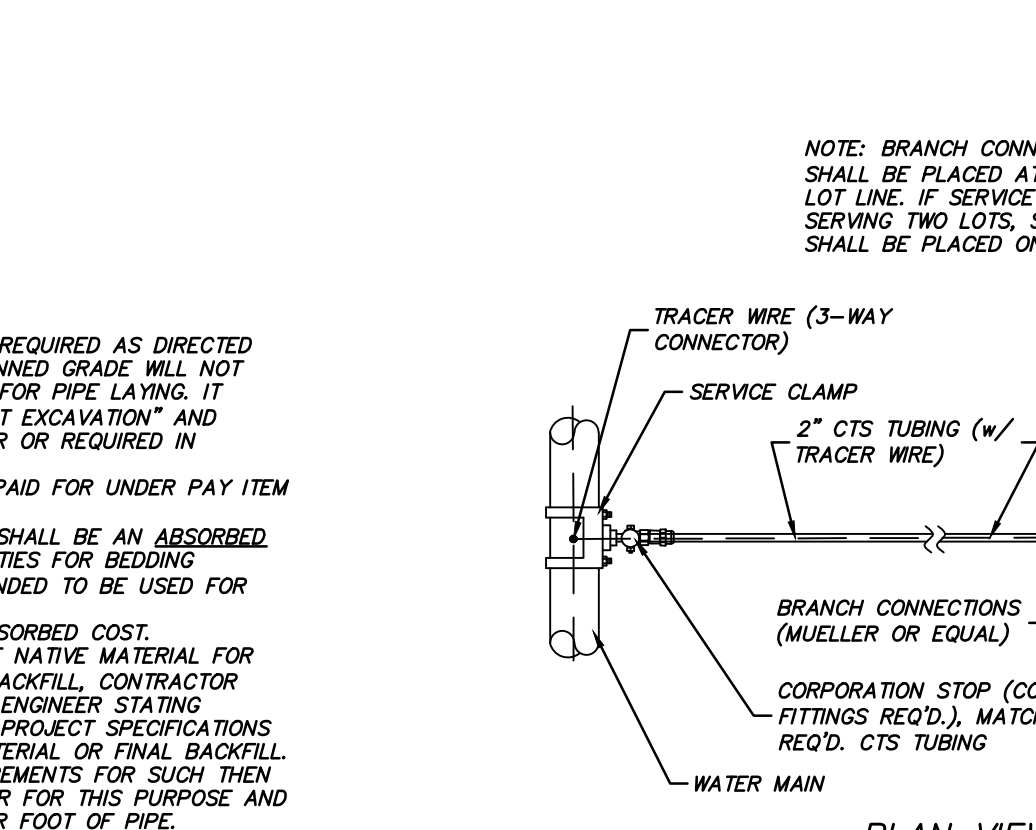
TRACER WIRE (REQUIRED ON ALL PRESSURIZED PVC LINES)



GATE VALVE ASSEMBLY



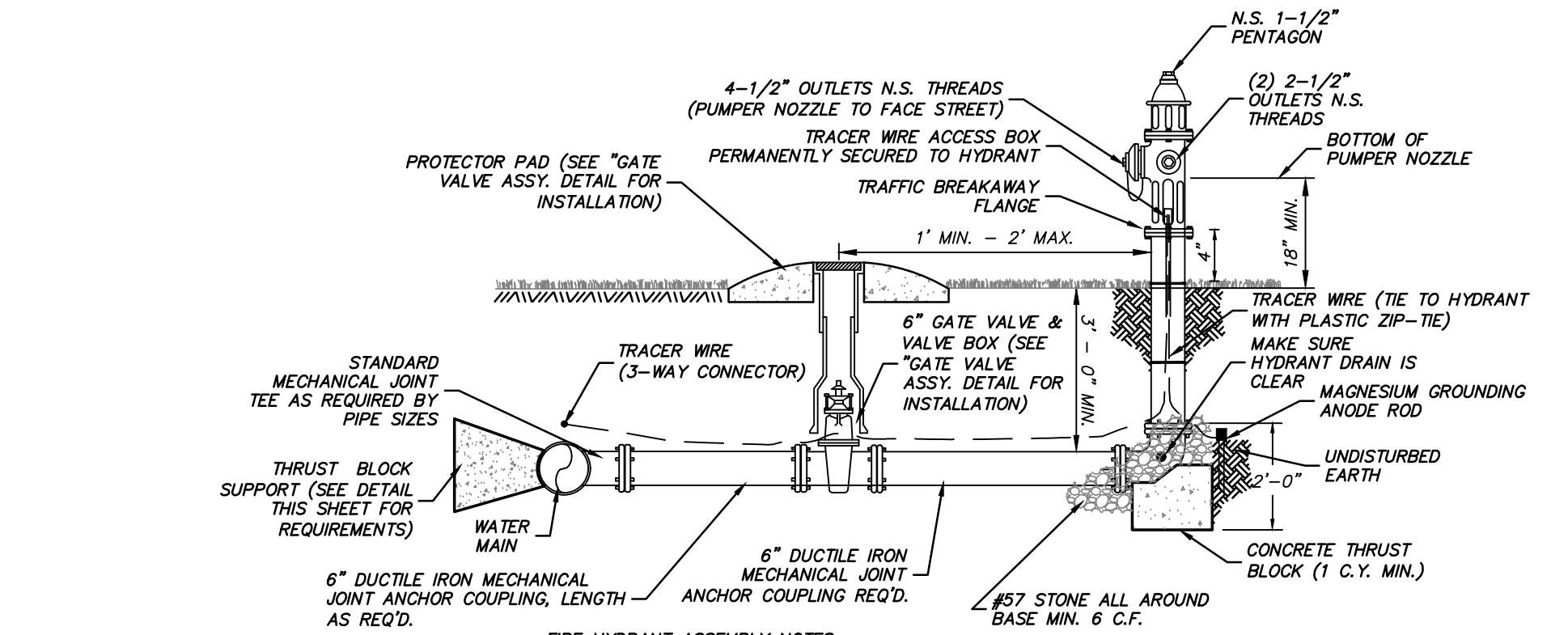
TYPICAL TRENCH NOTES



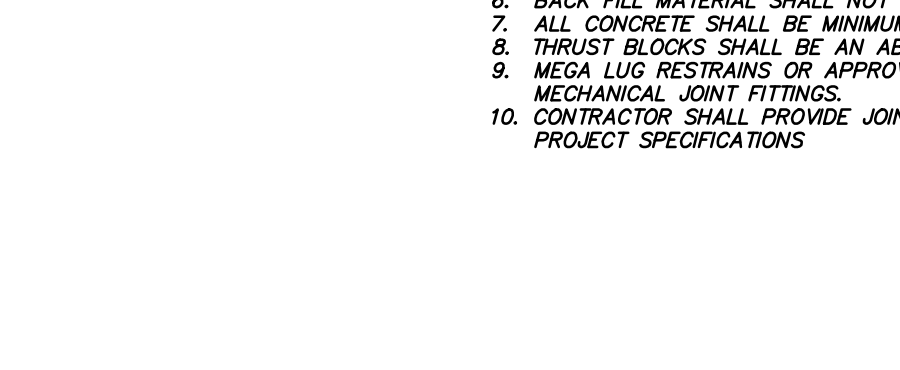
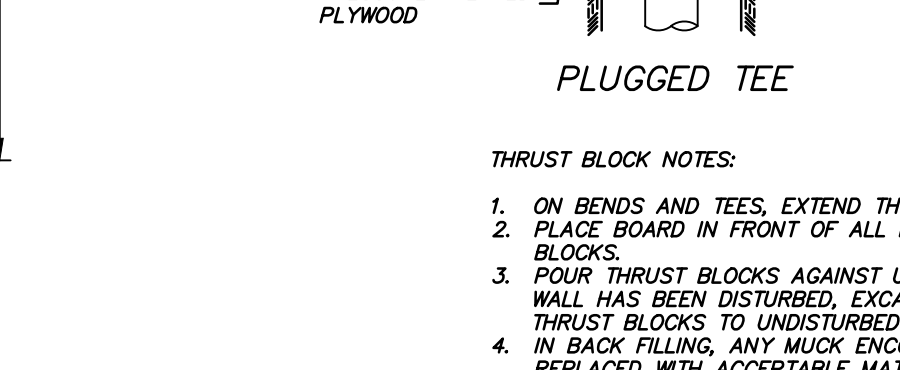
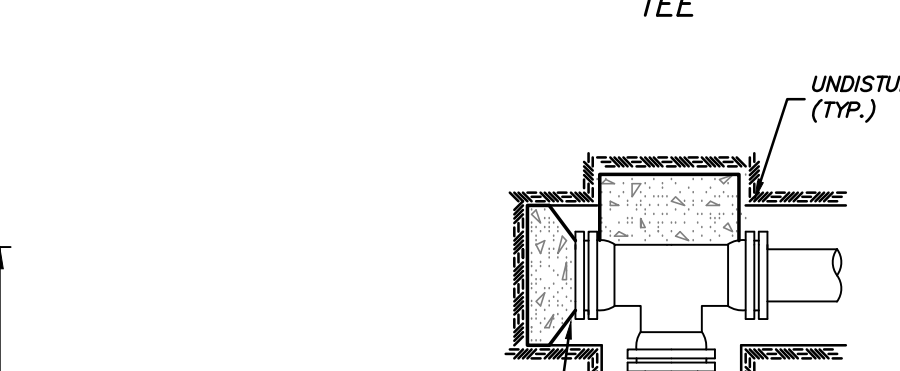
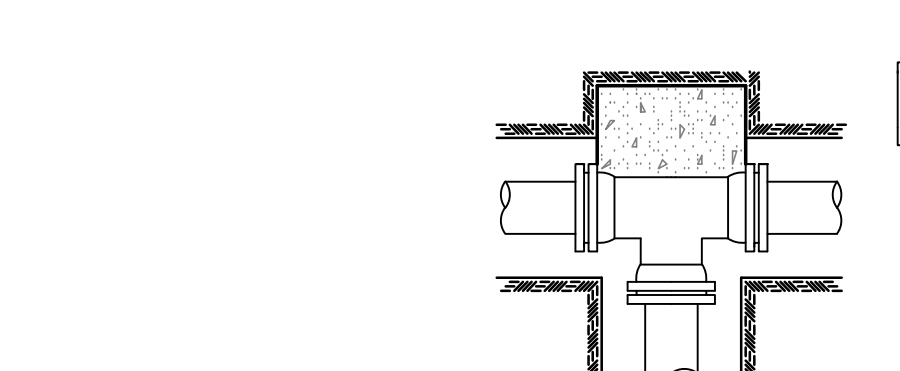
PLAN VIEW DUAL SERVICE



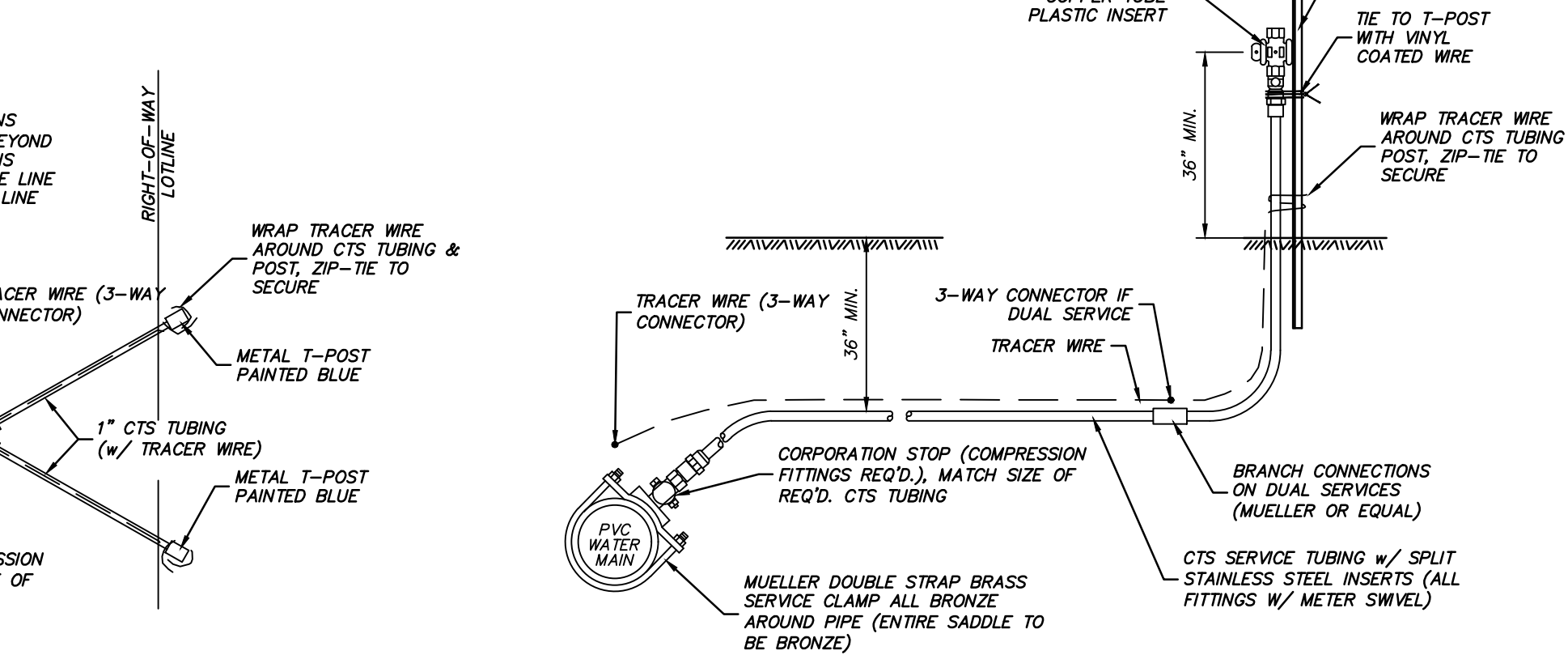
TYPICAL WATER SERVICE ASSEMBLY



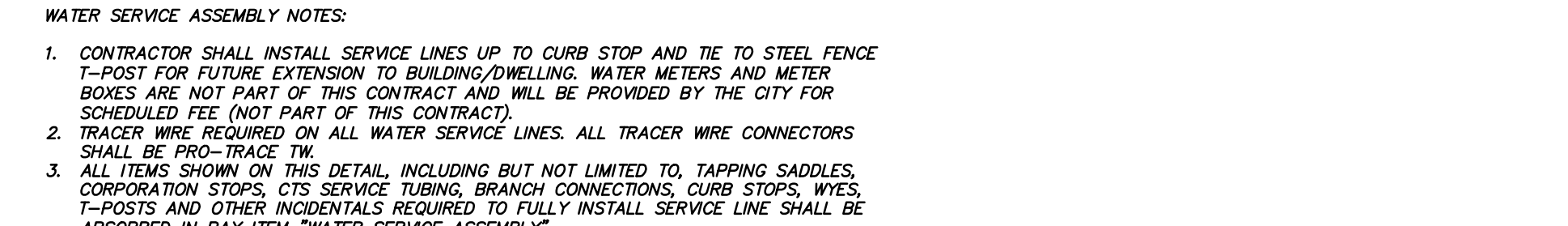
FIRE HYDRANT ASSEMBLY



TYPICAL THRUST BLOCK



SECTION



TYPICAL WATER SERVICE ASSEMBLY

MC-3500 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH MC-3500.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x78 DESIGNATION SS.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD OBSTRUCT FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION (DEAD) LOADS AND 2) SHORT-DURATION (LIVE) LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS 11 MIN AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 430 LBS/FT². THE ASIC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND (b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.56 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD. THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75% MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

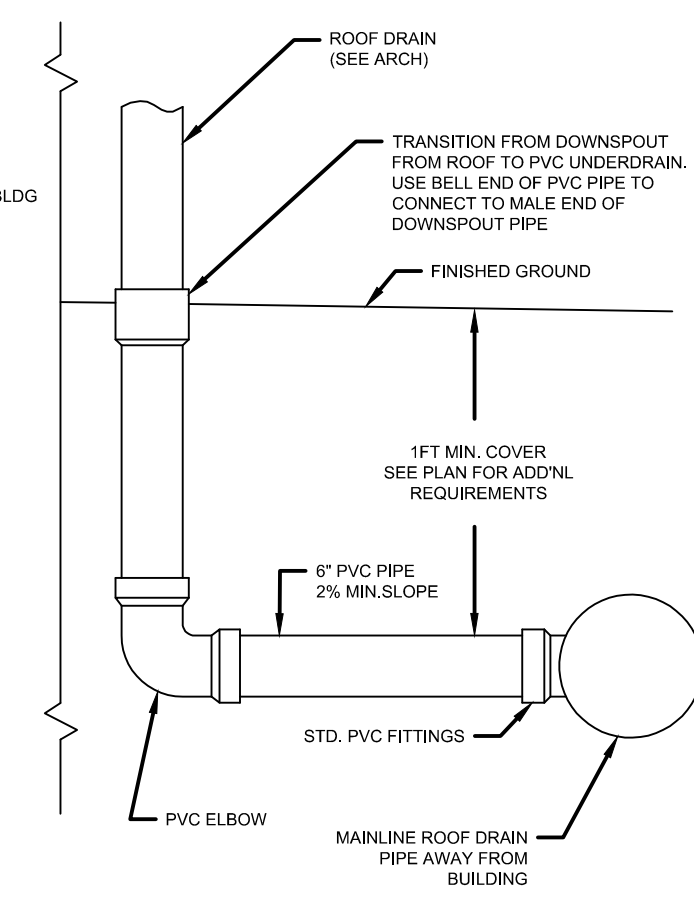
IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-3500 CHAMBER SYSTEM

- STORMTECH MC-3500 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONE/ROCK LOCATED OFF OF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELLED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM SPACING BETWEEN THE CHAMBER ROWS.
- INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3 OR #4.
- STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "FLEXFORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

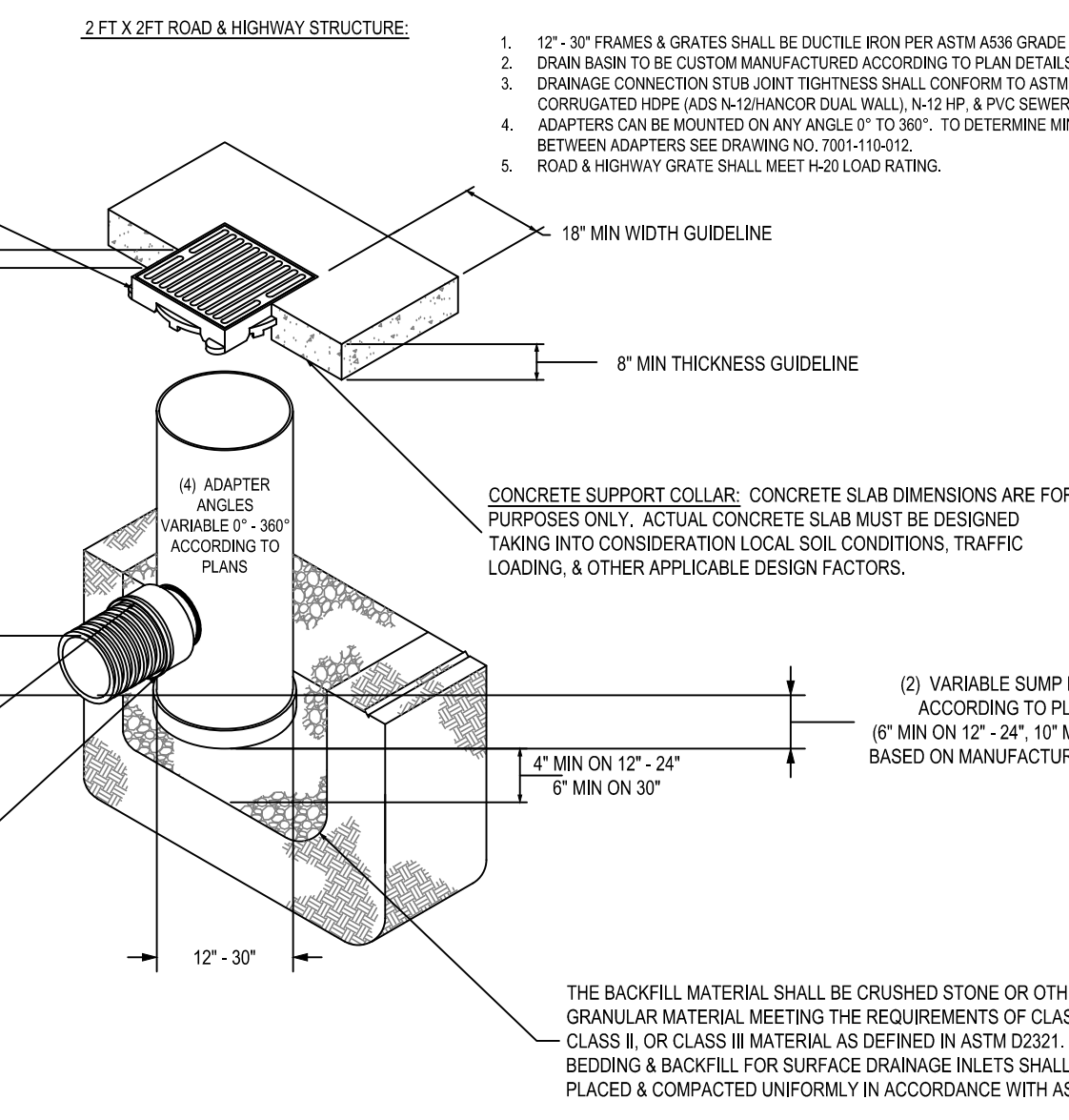
NOTES FOR CONSTRUCTION EQUIPMENT

- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
- THE USE OF EQUIPMENT OVER MC-3500 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER Tired LOADS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-3500MC-4500 CONSTRUCTION GUIDE".
- FULL 30" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

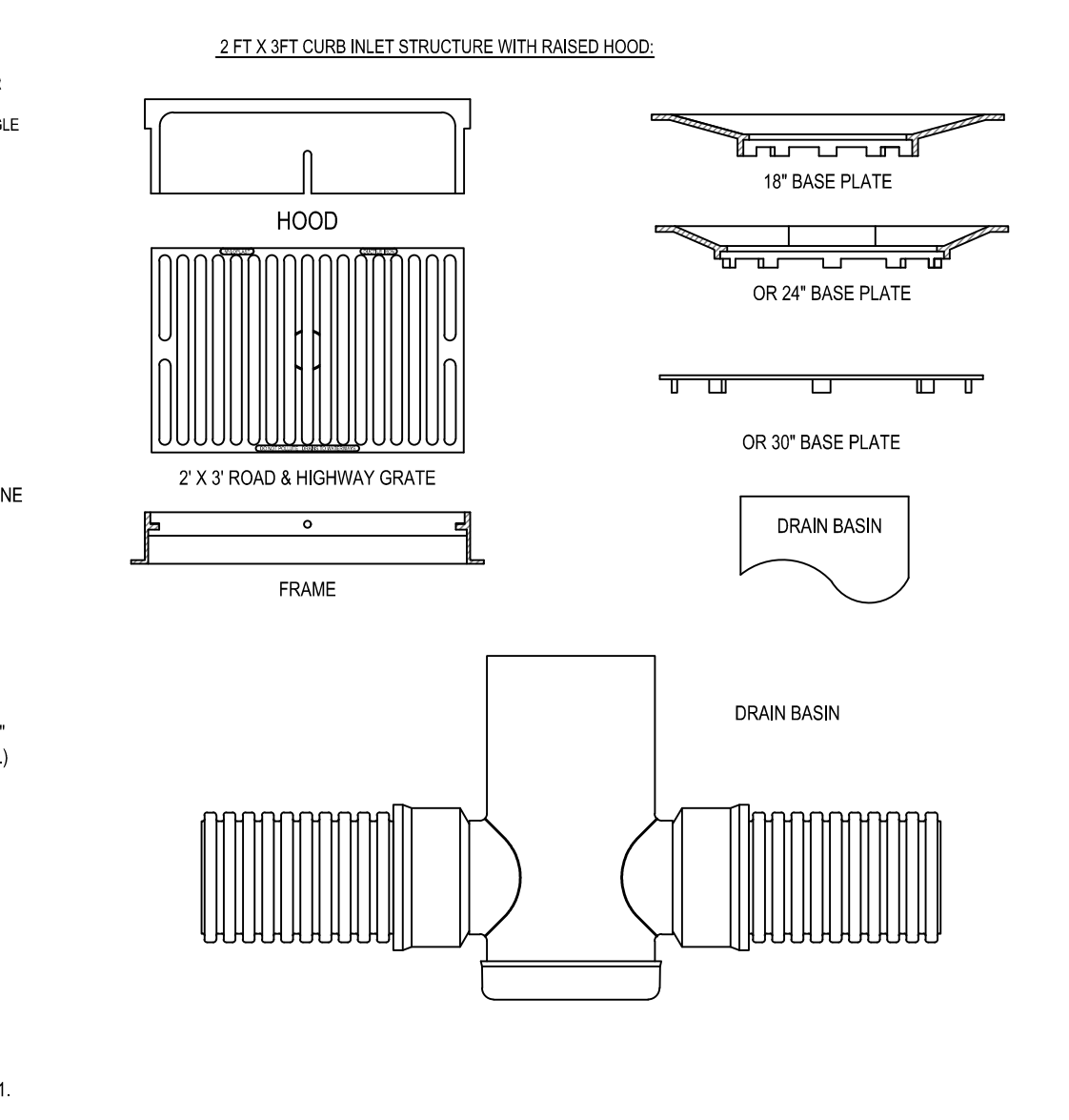
CONTACT STORMTECH AT 4388-862-2684 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



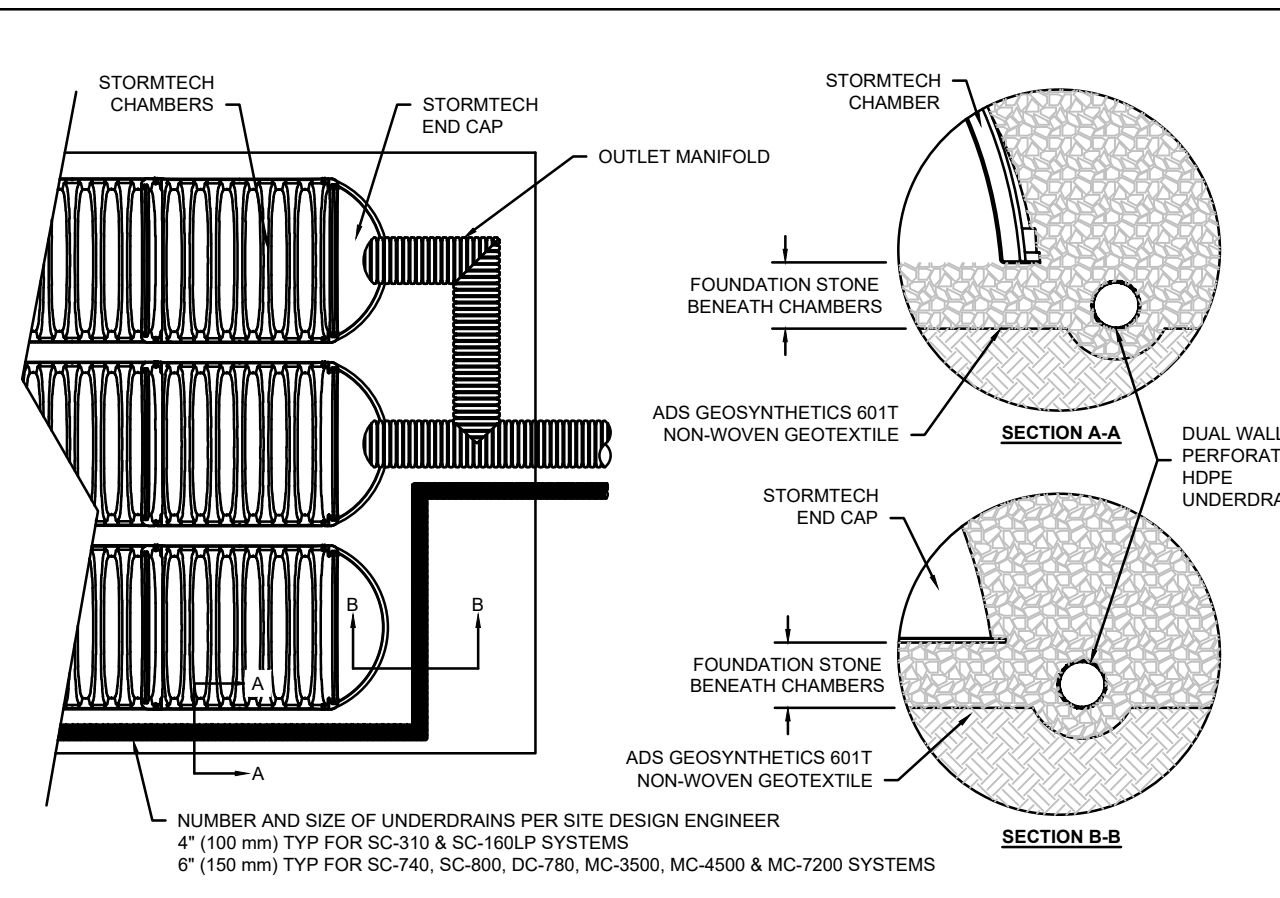
ROOF DRAIN CONNECTION DETAIL (NTS)



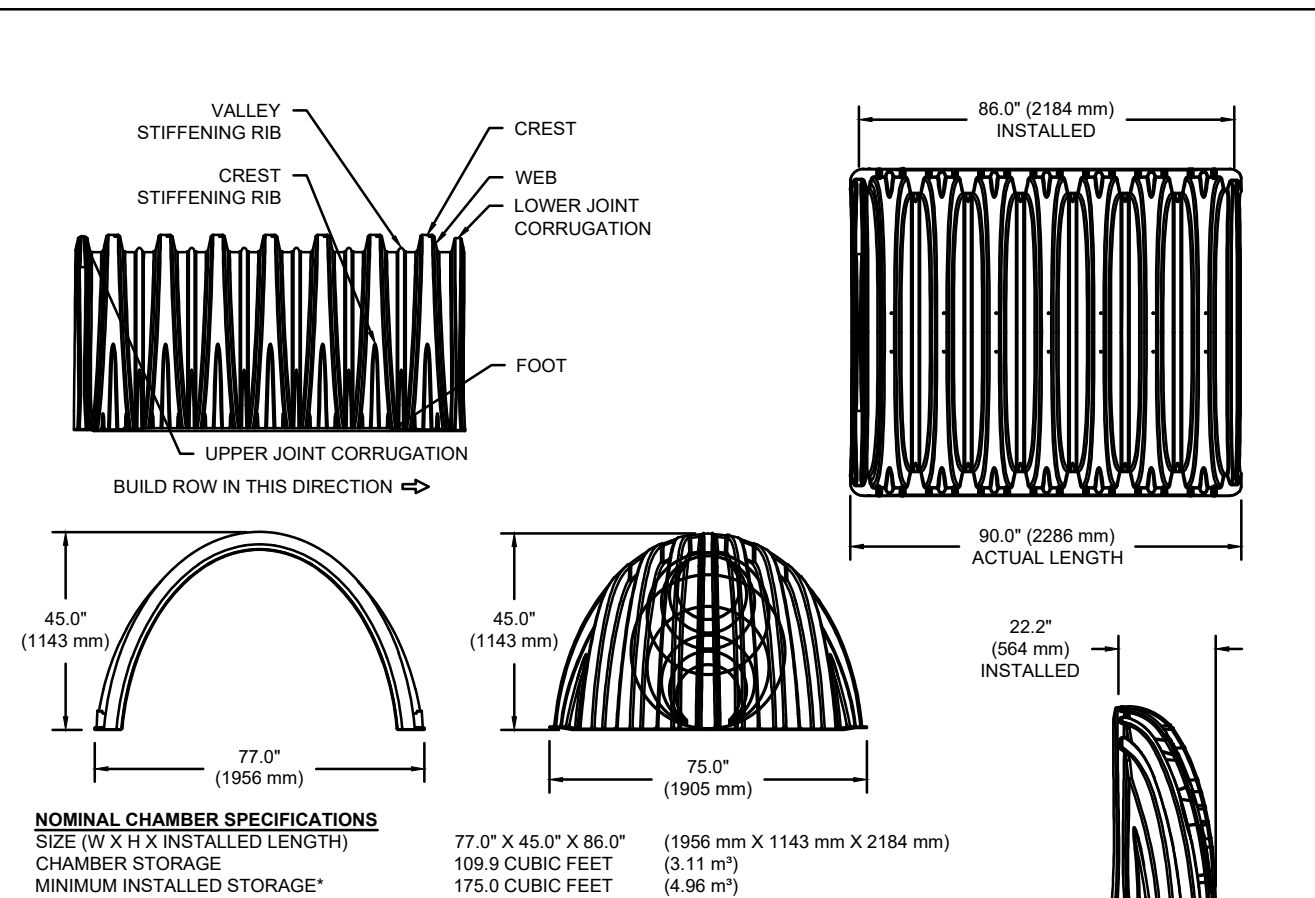
STORM INLET DETAILS, PVC BASE, WITH VARIOUS DUCTILE IRON TOPS



UNDERDRAIN DETAIL



STORMTECH END CAP DETAIL



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	CHAMBER STORAGE	MINIMUM INSTALLED STORAGE*	WEIGHT
77.0" X 45.0" X 86.0"	109.9 CUBIC FEET (3.11 m ³)	175.0 CUBIC FEET (4.96 m ³)	134 lbs.
1956 mm X 1143 mm X 2184 mm	14.8 CUBIC METERS	175.0 CUBIC METERS	(60.8 kg)

NOMINAL END CAP SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	END CAP STORAGE	MINIMUM INSTALLED STORAGE*	WEIGHT
75.0" X 45.0" X 22.2"	0.42 m ³	1.28 m ³	49 lbs.
(1905 mm X 1143 mm X 564 mm)	(14.8 m ³)	(1.28 m ³)	(22.2 kg)

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION, 6" (152 mm) STONE BETWEEN CHAMBERS, 6" (152 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
 END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"
 END CAPS WITH A WELDED CROWN PLATE END WITH "C"

PART #	STUB	B	C
MC3500EPP06T	6" (150 mm)	33.21" (844 mm)	---
MC3500EPP06B	---	---	0.66" (17 mm)
MC3500EPP08T	8" (200 mm)	31.16" (791 mm)	---
MC3500EPP08B	---	---	0.81" (21 mm)
MC3500EPP10T	10" (250 mm)	29.04" (738 mm)	---
MC3500EPP10B	---	---	0.93" (24 mm)
MC3500EPP12T	12" (300 mm)	26.36" (670 mm)	---
MC3500EPP12B	---	---	1.35" (34 mm)
MC3500EPP15T	15" (375 mm)	23.39" (594 mm)	---
MC3500EPP15B	---	---	1.50" (38 mm)
MC3500EPP18T	18" (450 mm)	20.07" (509 mm)	---
MC3500EPP18B	---	---	1.77" (45 mm)
MC3500EPP24T	24" (600 mm)	14.48" (368 mm)	---
MC3500EPP24B	---	---	2.06" (52 mm)
MC3500EPP30B	30" (750 mm)	---	2.75" (70 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL.

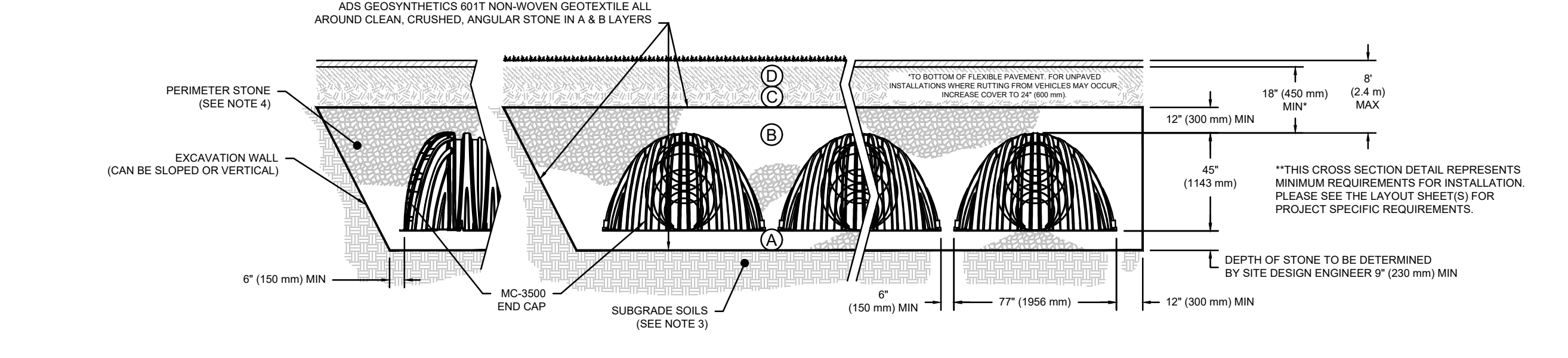
MC-SERIES END CAP INSERTION DETAIL

MC-3500 TECHNICAL SPECIFICATIONS

ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE 'B' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145 ¹ A-1, A-2, A-3 OR AASHTO M43 ² 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 18" (450 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 96% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43 ² 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 ² 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{1,3}

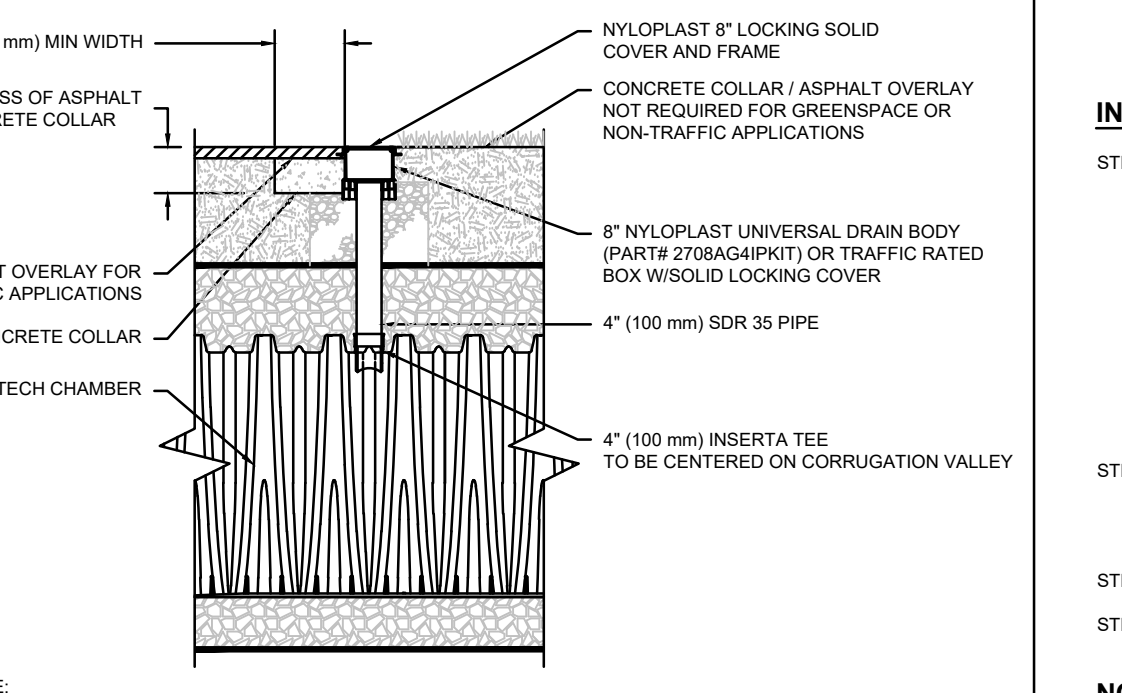
- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERS WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
 - WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



- NOTES:**
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x78 DESIGNATION SS.
 - MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
 - THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
 - PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
 - REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/FT².
 - AND (b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

MC-3500 CROSS SECTION DETAIL

MC-3500 ISOLATOR ROW PLUS DETAIL



NOTE: INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION VALLEY.

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT**
- INSPECTION PORTS (IF PRESENT)
 - REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - REMOVE AND CLEAN FLEXFORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - ALL ISOLATOR ROW PLUS ROWS
 - REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS**
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLOW WATER IS CLEAN
 - VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.**
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.**

NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

4" PVC INSPECTION PORT DETAIL (MC SERIES CHAMBER)

Section 8, Item E

DEAN ENGINEERING SOLUTIONS, INC.
 4780 -55 NORTH, SUITE 100-4
 JACKSON, MS 39211
 601-557-2022 WWW.DEANESI.COM

DATE: 04-25-2024

DRAWING ISSUED

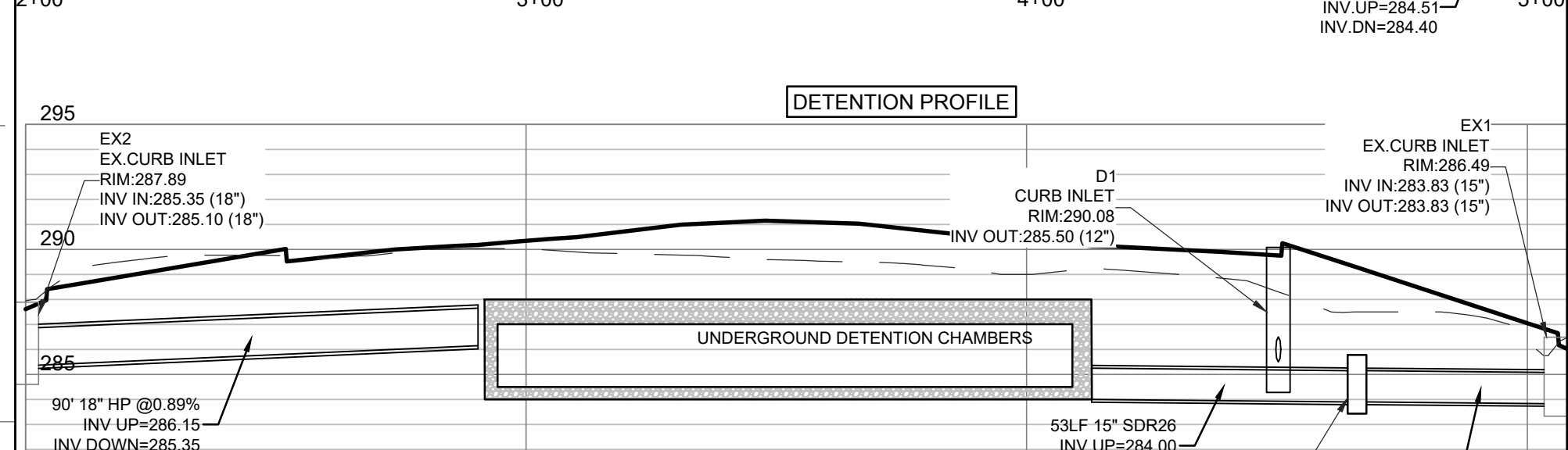
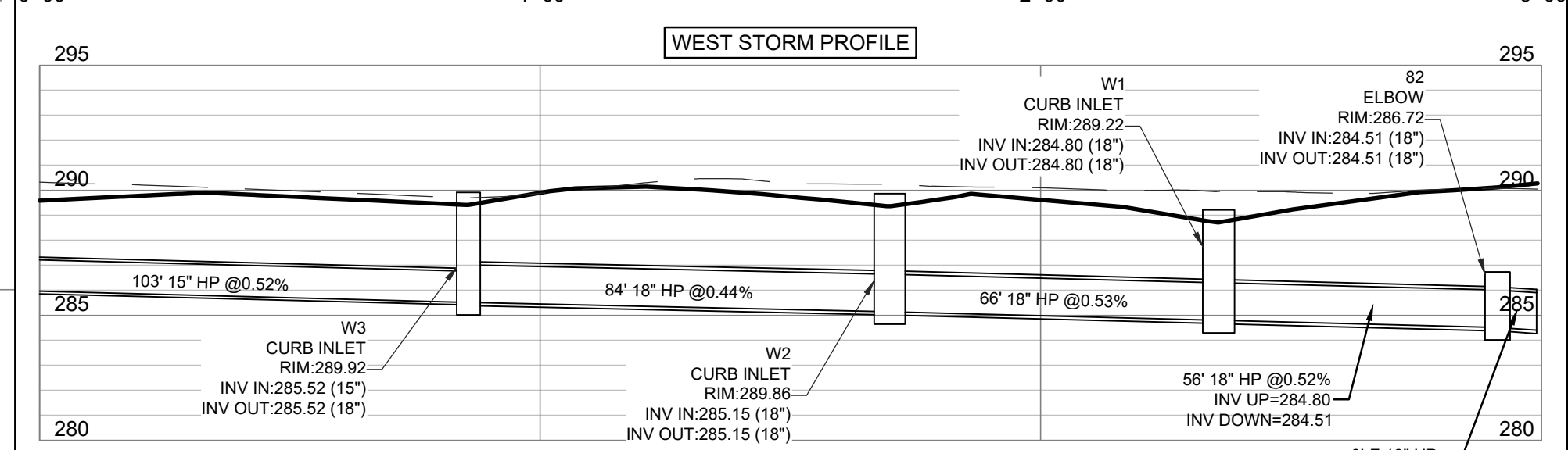
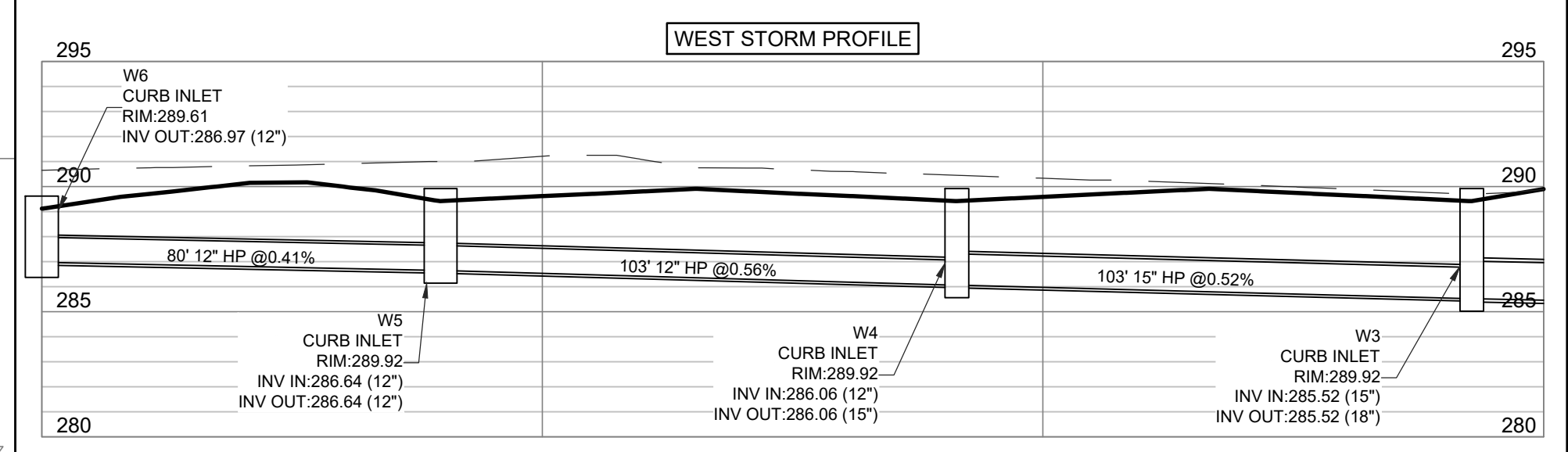
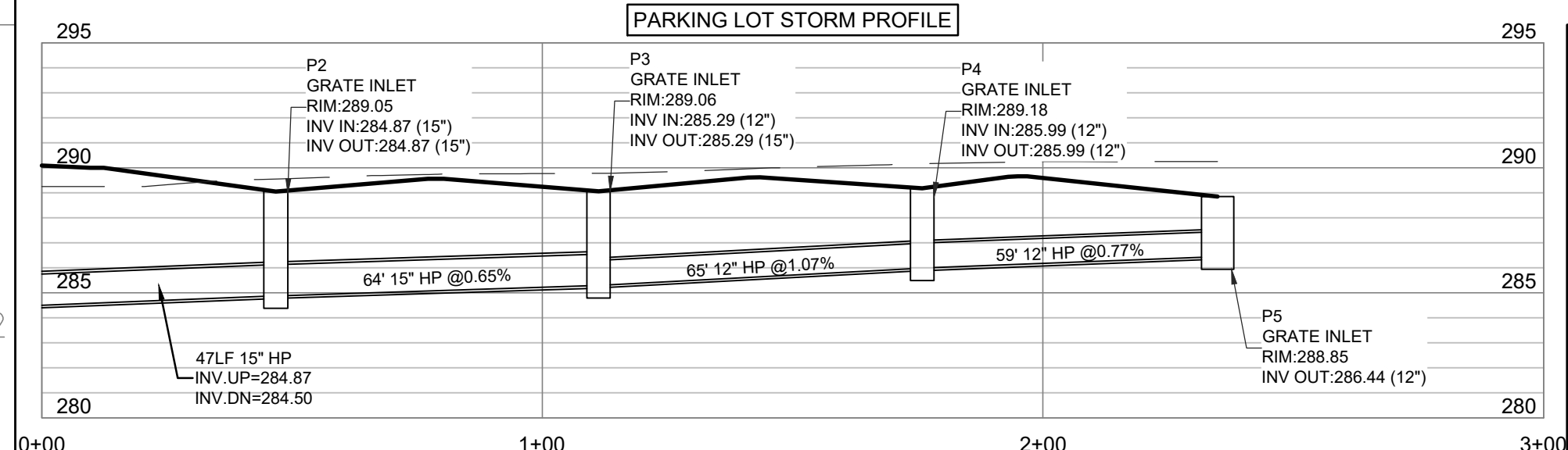
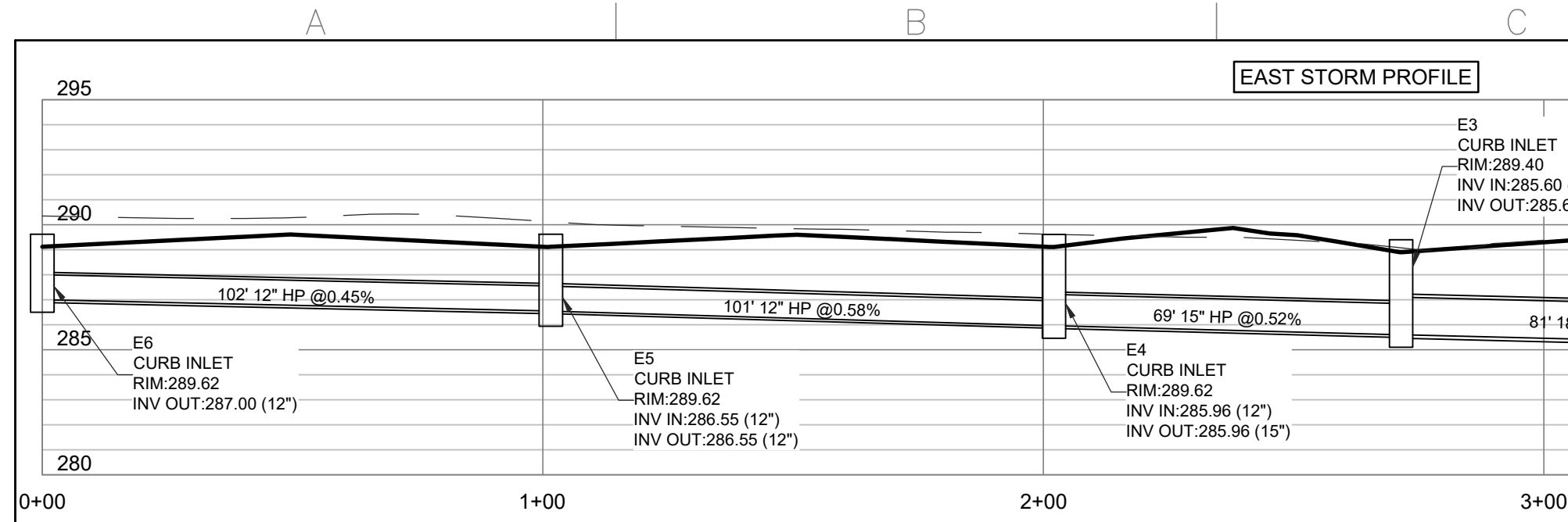
No.	Description	Date
1	PLANS SUBMITTED FOR CITY REVIEW	08-03-2022
2	EAST DRIVE ENTRANCE EDITS PER CITY COMMENTS	08-10-2022
3	BEAR CREEK UTILITY COORDINATION REVISIONS	08-16-2022
4	GRAVITY SEWER ALT. DESIGN (PUMP STATION REMOVED)	12-22-2022
5	UC-DETENTION MODIFICATIONS	04-23-2024

OWNER: RIVER OAKS INVESTMENT GROUP
 DAVID THIND
 GLUCKSTADT RD

PROJECT TITLE: GLUCKSTADT RETAIL CENTER
 SHEET TITLE: UTILITY DETAILS
 SITE DEVELOPMENT

JOB NO.: 220501
 DATE: 1 AUG 2022
 SCALE: AS SHOWN
 DRAWN BY: WSD
 REVIEWED BY: WSD

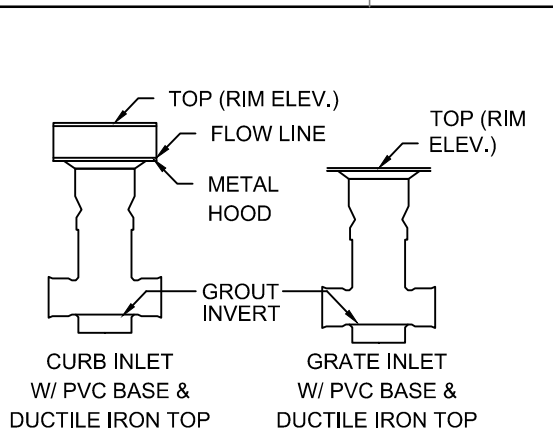
SHEET NUMBER: 8



PROFILE NOTES:
 SOLID LINE=PROPOSED GRADE, DASHED LINE=EXISTING GROUND.
 SCALE: 1"=30' HORIZONTAL
 VERTICAL EXAGGERATION=5X

GRADING & STORM DRAINAGE NOTES

- UTILITIES: CONTRACTOR SHALL HAVE MISSISSIPPI ONE CALL (881 OR 800-277-6477) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THIS PLAN IS DIAGRAMMATIC AND REPRESENTS THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. 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 AND PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION.
- ADA GRADES: GRADES IN HANDICAP PARKING AREAS SHALL NOT EXCEED 2% IN ANY DIRECTION. GRADES ALONG ALL HANDICAP ACCESSIBLE PATHS SHALL NOT EXCEED 3%.
- GRADES AT DOORS: THE SIDEWALK GRADES AT BUILDING DOORS SHALL HAVE A MAXIMUM 2" DROP (0.04 FT) FROM FINISHED FLOOR TO ACHIEVE ADA ACCESSIBILITY.
- GEOTECHNICAL ENGINEER: CONTRACTOR SHALL COORDINATE GRADING OPERATIONS WITH THE OWNER'S GEOTECHNICAL ENGINEER. SEE REPORT # 437-22-A, BY LADNER TESTING, INC. DATED MAY 18, 2022 FOR ADDITIONAL CONSTRUCTION REQUIREMENTS RELATED TO EARTH WORK & GRADING AND EXISTING SOIL INFORMATION.
- ROOF DRAINS: CONNECT ALL ROOF DRAINS TO NEAREST UNDERGROUND STORM NETWORK STRUCTURES AT INVERT OUT PIPE ELEVATION. ALL PIPE SHALL BE SDR26 PVC, WITH A MIN. SLOPE OF 2.0%. TYP. ALL ROOF DRAIN PIPE, FITTING & CONNECTIONS SHALL BE SDR-26 PVC. TYP. SEE DETAILS FOR TYPICAL ROOF DRAIN CONNECTIONS. SEE STRUCTURAL AND MECHANICAL/PLUMBING PLANS & DETAILS FOR DOWNSPOUT LOCATIONS AND COORDINATION.
- 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, CORRUGATED PLASTIC PIPE, AS MANUFACTURED BY ADS, GRAY IN COLOR. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS. ALL PIPE JOINTS SHALL BE WRAPPED IN 4" OF FILTER CLOTH REGARDLESS OF JOINT GASKETS OR MATERIAL TYPE. ALL HP SHALL BE BACKFILLED WITH SELECT FILL. SEE SPECS FOR ADDITIONAL REQUIREMENTS.



STRUCTURE TOP REFERENCE DIAGRAM
 PVC BASE STRUCTURES SHALL HAVE CONCRETE GROUTED INVERTS. TYP. SEE DETAILS FOR ADDITIONAL REQUIREMENTS ALL STRUCTURES.

UNDERGROUND DETENTION NOTES:
 SYSTEM SHALL BE ADS TYPE BC-740, OVERALL SYSTEM SIZE: 125.54x61.25x4.00' AND 14,650 CF STORAGE. 160 CHAMBERS, 861 CY STONE, 30" TALL CHAMBER OVER 6" STONE. WITH 12" STONE COVER. SEE DETAILS FOR ADDITIONAL SPECIFICATIONS. CONTRACTOR SHALL SUBMIT SYSTEM SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.

DESIGN ELEVATIONS:

- STONE INV.=284.00 (6" THICK BASE LAYER)
- ARCH INV.=284.50
- TOP ARCH=287.00
- TOP STONE=288.00
- FINISHED GRADE=289.00 MIN.

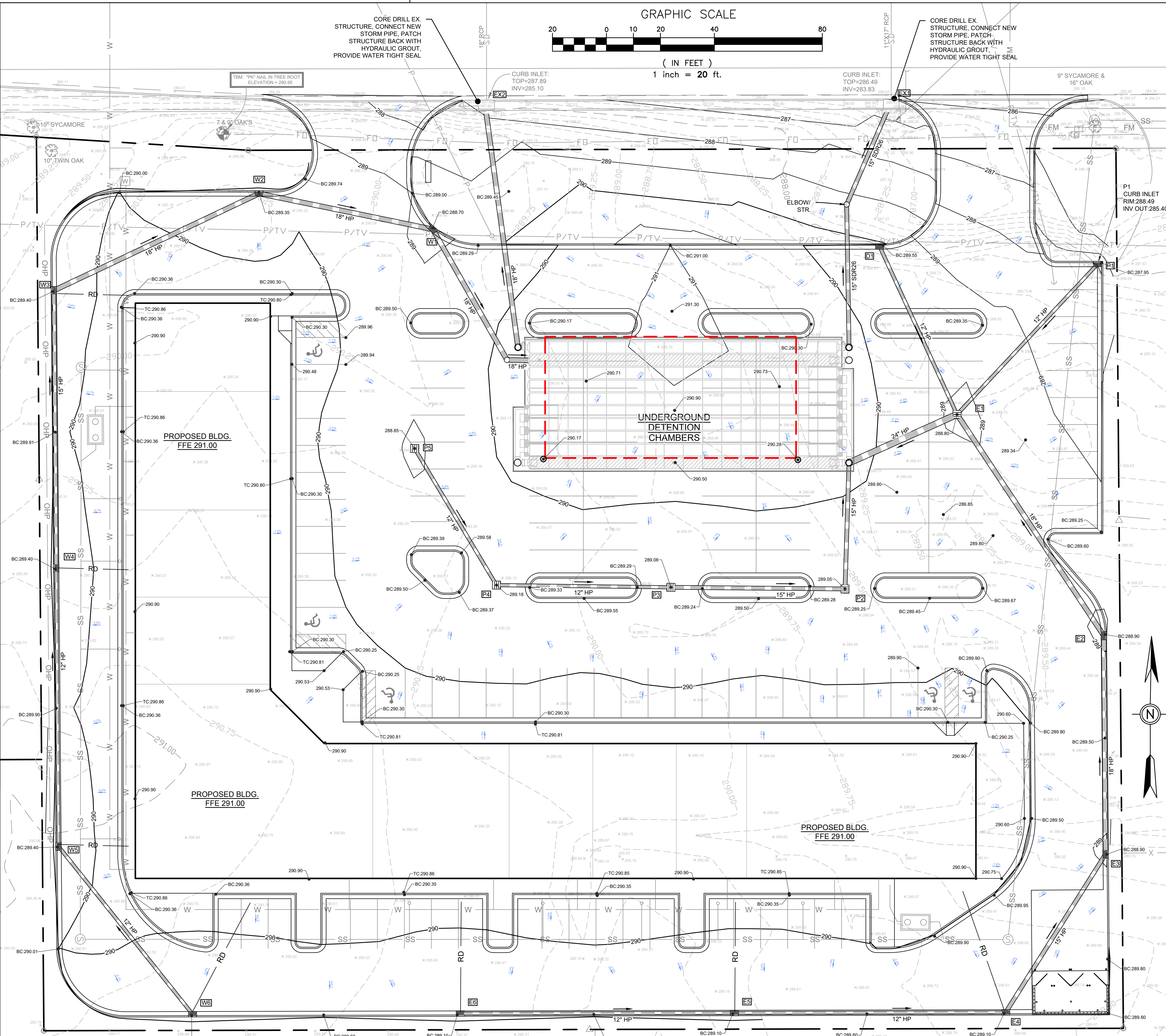
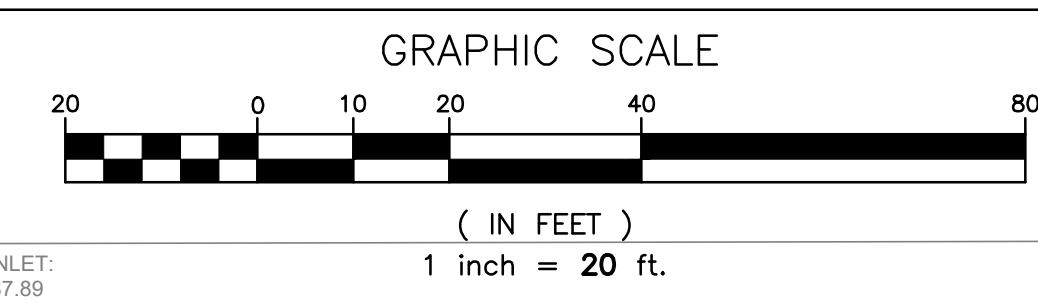
ALTERNATE UNDERGROUND DETENTION NOTES:
 SYSTEM SHALL BE ADS TYPE MC-3500.
 OVERALL SYSTEM SIZE: 95.27x44.20x4.25' AND 13,063 CF STORAGE, 66 CHAMBERS, 521 CY STONE, 45" TALL CHAMBER, OVER 6" STONE, WITH 12" STONE COVER. SEE DETAILS FOR ADDITIONAL SPECIFICATIONS. CONTRACTOR SHALL SUBMIT SYSTEM SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.

DESIGN ELEVATIONS:

- STONE INV.=284.00 (6" THICK BASE LAYER)
- ARCH INV.=284.50
- TOP ARCH=287.25
- TOP STONE=289.25
- FINISHED GRADE=290.25 MIN.

DRAWING SYMBOL LEGEND

EXISTING	PROPOSED	DESCRIPTION
STM		STORM SEWER LINE
-400		SLOPE DIRECTION & PERCENT
-399		MAJOR CONTOUR LINE
		MINOR CONTOUR LINE
		SPOT ELEVATION
		AT CURB: BC-BOTTOM OF CURB, TC=TOP CURB



DEAN ENGINEERING SOLUTIONS, INC.
 4780 W-55 NORTH, SUITE 100-4
 JACKSON, MS 39211
 601-557-2002 WWW.DEANESI.COM

REGISTERED PROFESSIONAL ENGINEER
 STATE OF MISSISSIPPI
 20957

DATE: 04-18-2024

DRAWING ISSUED

No.	Description	Date
1	PLANS SUBMITTED FOR CITY REVIEW	08-03-2022
2	EAST DRIVE ENTRANCE EDITS PER CITY COMMENTS	08-10-2022
3	BEAR CREEK UTILITY COORDINATION REVISIONS	08-16-2022
4	GRAVITY SEWER ALT. DESIGN (PUMP STATION REMOVED)	12-22-2022
5	UC-DETENTION MOVED SOUTH	04-18-2024

OWNER:
 RIVER OAKS INVESTMENT GROUP

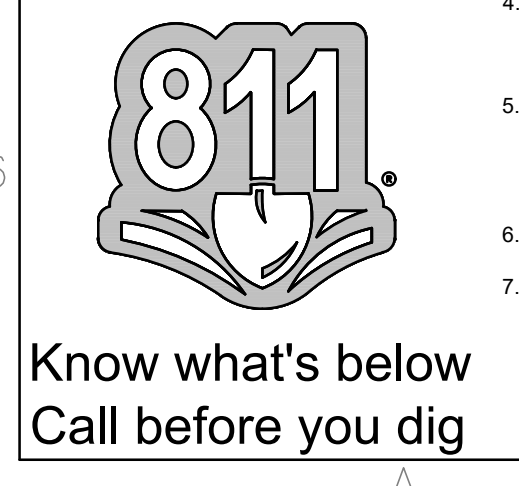
PROJECT TITLE: GLUCKSTADT RETAIL CENTER

SHEET TITLE: GRADING PLAN

SITE DEVELOPMENT

JOB NO.: 220501
DATE: 1 AUG 2022
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
 5



Stormwater Impact Analysis

For

Gluckstadt Retail Center

Proposed Commercial
Site Development
Gluckstadt, MS

Report Prepared by:

Dean Engineering Solutions Inc.



4-25-2024

Issue Dates
25 May 2022
25 April 2024

Description
Submittal for Review
Minor site mods

Project Overview

The project site development lies within the City of Gluckstadt near the intersection of Calhoun Station PKWY and Gluckstadt Rd. The existing site is approximately 2.41 AC of undeveloped land with grass coverage. The proposed project will feature a new commercial bank with parking, drives and all necessary utilities. The project will also feature an open dry pond stormwater detention structure sized to accommodate stormwater for all proposed developed areas, including the future 0.90 track known as “North Parcel” in this report.

Existing Site Description:

Stormwater runoff from the existing site surface drains east & south (towards Calhoun Station PKWY) via culverts and roadside ditches. According to the USDA Natural Resource Conservation Service, Web Soil Survey Service mapping, the existing site soils are Loring Silt Loam, 2 to 5% slopes, moderately eroded, which belongs to USDA hydrologic soils group C. According to FEMA FIRM Map #28089C0415F, effective March 17, 2010, no portion of the site lies within a 100-year flood plain or flood way or other regulatory floodway.

Stormwater Management:

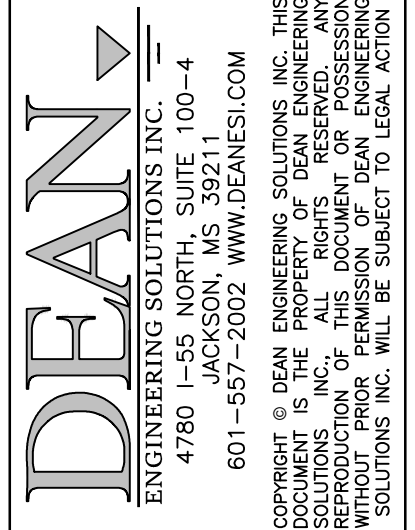
The proposed stormwater detention design controls and reduces stormwater flows below the existing development conditions for the 2-year, 5, 10, 25, 50 and 100-yr storm events. See attachments for detailed stormwater flow characteristics and other pertinent design parameters, inputs and results.

Pond routing runoff summary				
Storm Event (year)	Pre-Develop flow (cfs)	Post-Dvlp. Flow Un-detained (CFS)	Post-Dvlp. Flow detained (CFS)	Detained Water Elevation
2	7.57	13.22	6.98	286.43
5	10.7	16.97	9.61	287.05
10	13.34	20.09	12.80	287.48
25	15.99	23.19	15.67	287.91
50	18.37	25.97	18.09	288.39
100	20.49	28.44	20.20	288.87

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)



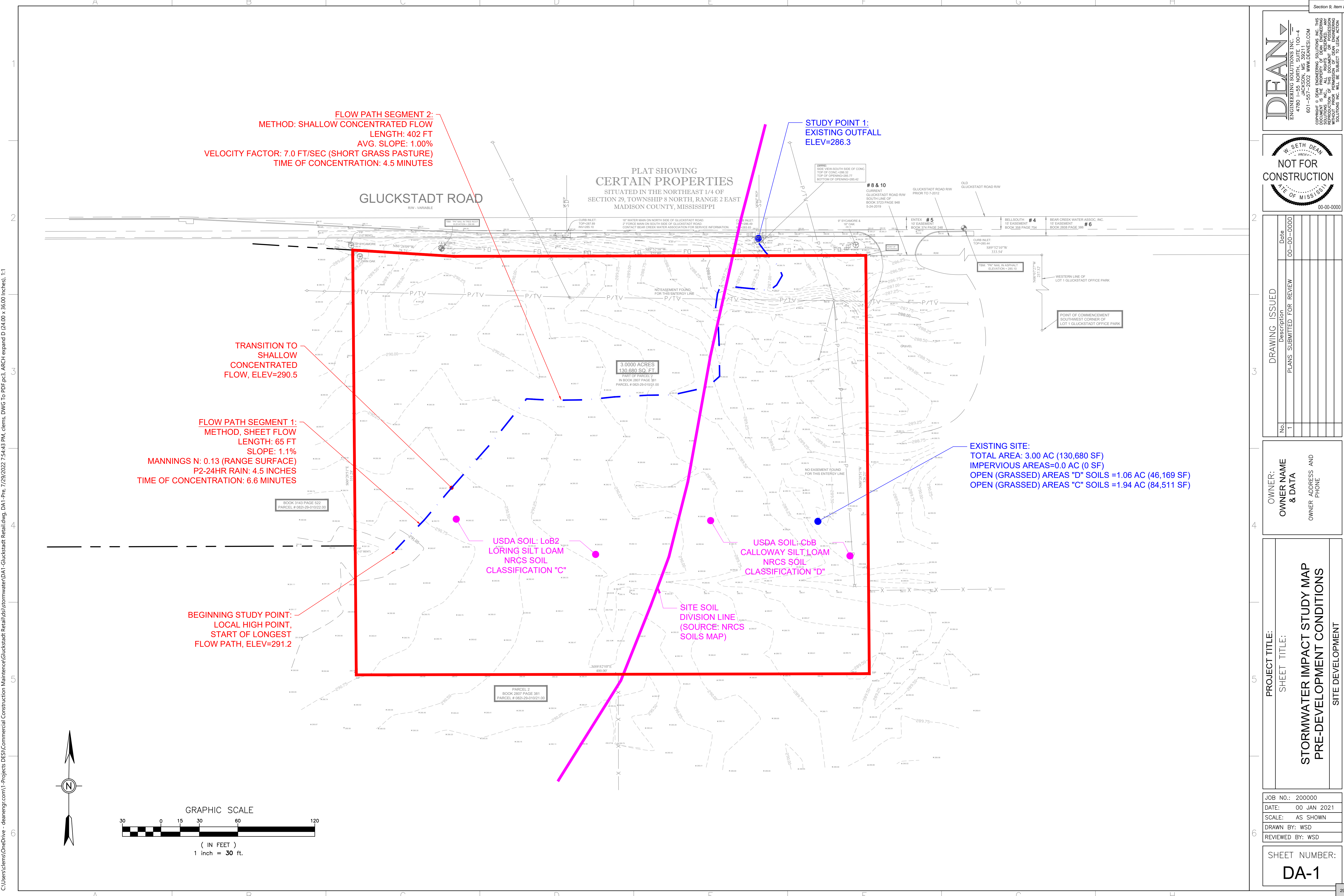
No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	00-00-0000

OWNER:
OWNER NAME & DATA
OWNER ADDRESS AND PHONE

PROJECT TITLE:
SHEET TITLE:
**STORMWATER IMPACT STUDY MAP
PRE-DEVELOPMENT CONDITIONS**
SITE DEVELOPMENT

JOB NO.: 200000
DATE: 00 JAN 2021
SCALE: AS SHOWN
DRAWN BY: WSD
REVIEWED BY: WSD

SHEET NUMBER:
DA-1



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No.	Description	Date
1	PLANS SUBMITTED FOR REVIEW	00-00-0000

OWNER:
 OWNER NAME & DATA
 OWNER ADDRESS AND PHONE

PROJECT TITLE:
 SHEET TITLE:
**STORMWATER IMPACT STUDY MAP
 PRE-DEVELOPMENT CONDITIONS**
 SITE DEVELOPMENT

JOB NO.: 200000
 DATE: 00 JAN 2021
 SCALE: AS SHOWN
 DRAWN BY: WSD
 REVIEWED BY: WSD

SHEET NUMBER:
DA-1

**PLAT SHOWING
 CERTAIN PROPERTIES**
 SITUATED IN THE NORTHEAST 1/4 OF
 SECTION 29, TOWNSHIP 8 NORTH, RANGE 2 EAST
 MADISON COUNTY, MISSISSIPPI

GLUCKSTADT ROAD
 RW- VARIABLE

**STUDY POINT 1:
 EXISTING OUTFALL
 ELEV=286.3**

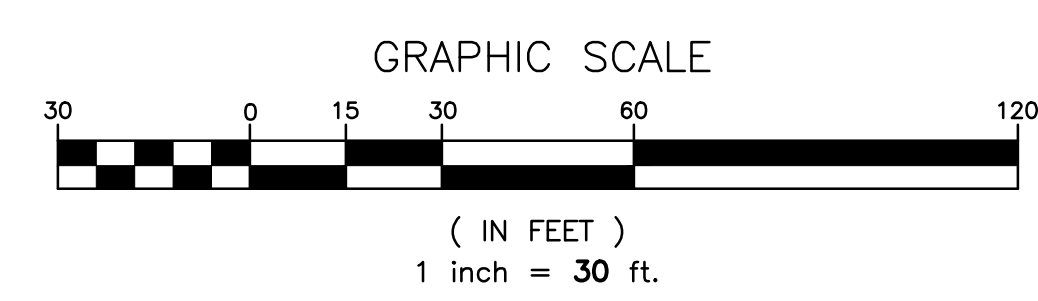
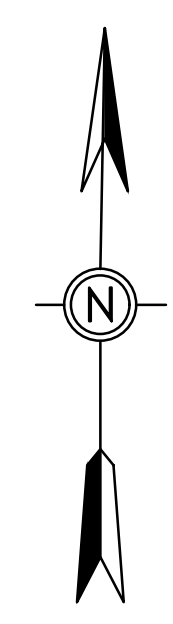
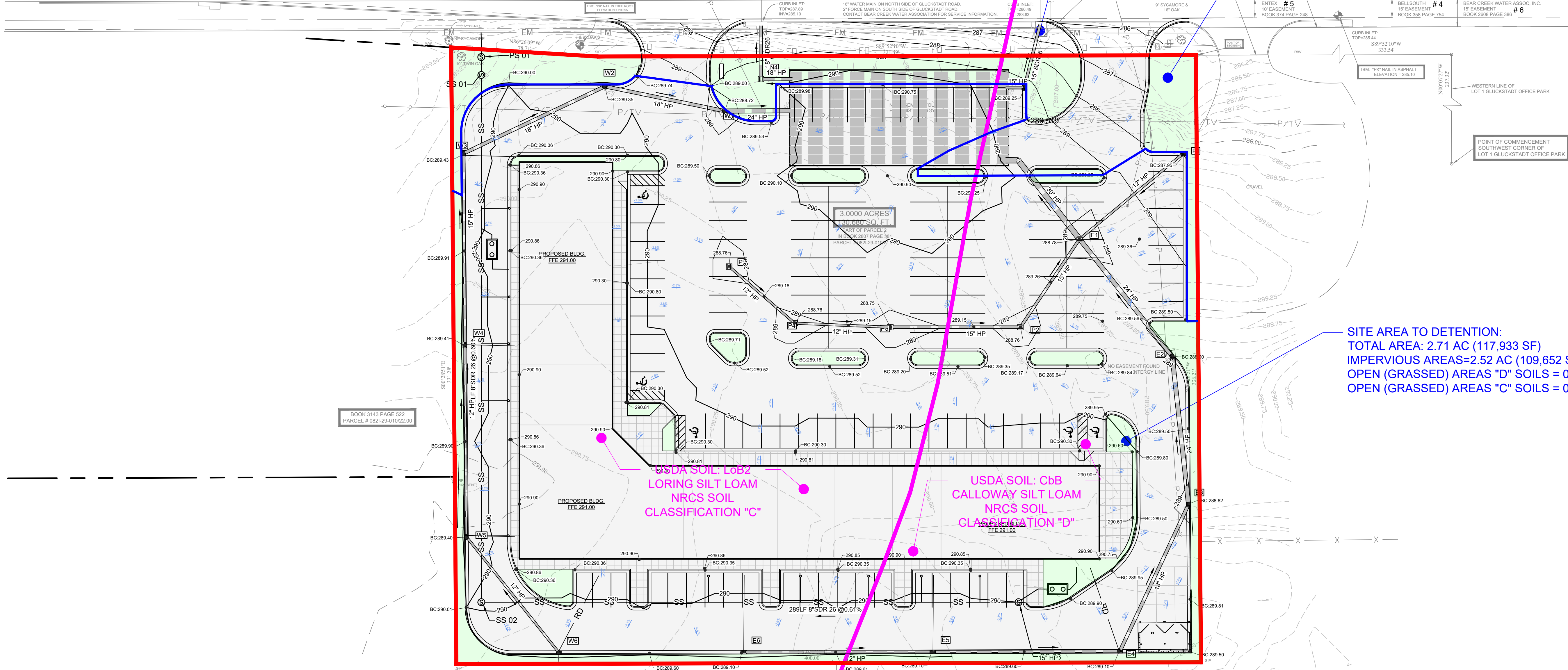
**SITE AREA BYPASSING DETENTION:
 TOTAL AREA: 0.29 AC (12,685 SF)
 IMPERVIOUS AREAS=0.10 AC (4,433 SF)
 OPEN (GRASSED) AREAS "D" SOILS =0.07 AC (3,140 SF)
 OPEN (GRASSED) AREAS "C" SOILS =0.12 AC (5,112 SF)**

**SITE AREA TO DETENTION:
 TOTAL AREA: 2.71 AC (117,933 SF)
 IMPERVIOUS AREAS=2.52 AC (109,652 SF)
 OPEN (GRASSED) AREAS "D" SOILS = 0.09 AC (3,744 SF)
 OPEN (GRASSED) AREAS "C" SOILS = 0.10 AC (4,537 SF)**

**USDA SOIL: Lb2
 LORING SILT LOAM
 NRCS SOIL
 CLASSIFICATION "C"**

**USDA SOIL: Cb
 CALLOWAY SILT LOAM
 NRCS SOIL
 CLASSIFICATION "D"**

**SITE SOIL
 DIVISION LINE
 (SOURCE: NRCS
 SOILS MAP)**



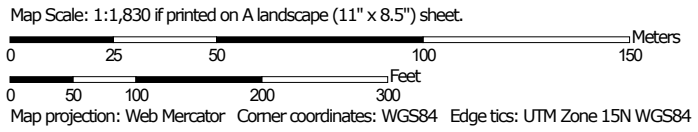
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Soil Map—Madison County, Mississippi

Section 9, Item E




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.

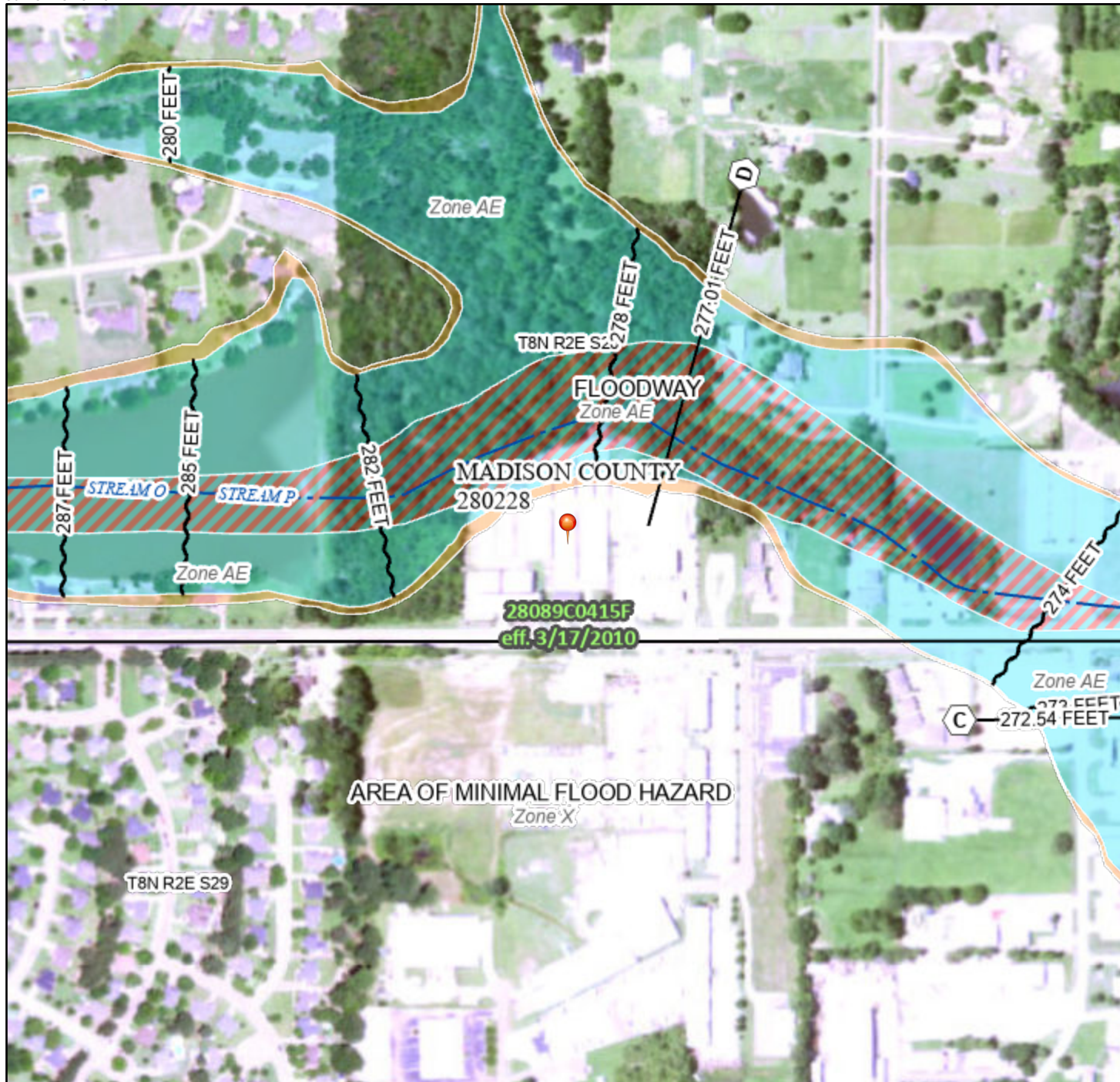
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CbB	Calloway silt loam, 1 to 3 percent slopes	5.2	38.5%
Gb	Gillsburg silt loam	0.3	2.4%
LoB2	Loring silt loam, 2 to 5 percent slopes, moderately eroded, central	8.0	59.1%
Oa	Oaklimeter silt loam, 0 to 2 percent slopes, occasionally flooded, north	0.0	0.0%
Totals for Area of Interest		13.6	100.0%

National Flood Hazard Layer FIRMette



90°7'5"W 32°31'19"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

90°6'27"W 32°30'48"N

Legend

Section 9, Item E

SEE FIS REPORT FOR DETAILED LEGEND AND INFORMATION

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		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 Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

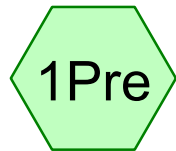


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

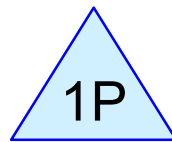
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/19/2022 at 9:52 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 Site



Post to Detention



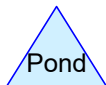
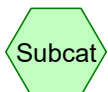
Detention



Post Bypass



Post Outfall



Routing Diagram for Gluckstadt Retial STM MC-3500
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Gluckstadt Retial STM MC-3500

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Page 2

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.220	74	>75% Grass cover, Good, HSG C (2Post, 2S)
0.160	80	>75% Grass cover, Good, HSG D (2Post, 2S)
1.940	79	Pasture/grassland/range, Fair, HSG C (1Pre)
1.060	84	Pasture/grassland/range, Fair, HSG D (1Pre)
2.620	98	Paved parking, HSG C (2Post, 2S)
6.000	88	TOTAL AREA

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Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
4.780	HSG C	1Pre, 2Post, 2S
1.220	HSG D	1Pre, 2Post, 2S
0.000	Other	
6.000		TOTAL AREA

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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	0.220	0.160	0.000	0.380	>75% Grass cover, Good	2Post, 2S
0.000	0.000	1.940	1.060	0.000	3.000	Pasture/grassland/range, Fair	1Pre
0.000	0.000	2.620	0.000	0.000	2.620	Paved parking	2Post, 2S
0.000	0.000	4.780	1.220	0.000	6.000	TOTAL AREA	

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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	1P	284.00	283.80	90.0	0.0022	0.012	15.0	0.0	0.0
2	1P	286.55	285.35	90.0	0.0133	0.012	15.0	0.0	0.0

Gluckstadt Retial STM MC-3500

Type III 24-hr 2yr Rainfall=4.50"

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Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 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 1Pre: Pre Development Site Runoff Area=3.000 ac 0.00% Impervious Runoff Depth=2.55"
Flow Length=467' Tc=11.1 min CN=81 Runoff=7.57 cfs 0.637 af

Subcatchment 2Post: Post to Detention Runoff Area=2.710 ac 92.99% Impervious Runoff Depth=4.15"
Tc=5.0 min CN=97 Runoff=12.24 cfs 0.937 af

Subcatchment 2S: Post Bypass Runoff Area=0.290 ac 34.48% Impervious Runoff Depth=2.82"
Tc=5.0 min CN=84 Runoff=0.99 cfs 0.068 af

Pond 1P: Detention Peak Elev=286.43' Storage=0.148 af Inflow=12.24 cfs 0.937 af
Outflow=6.38 cfs 0.937 af

Link 3L: Post Outfall Inflow=6.98 cfs 1.005 af
Primary=6.98 cfs 1.005 af

Total Runoff Area = 6.000 ac Runoff Volume = 1.642 af Average Runoff Depth = 3.28"
56.33% Pervious = 3.380 ac 43.67% Impervious = 2.620 ac

Gluckstadt Retial STM MC-3500

Type III 24-hr 2yr Rainfall=4.50"

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Summary for Subcatchment 1Pre: Pre Development Site

Runoff = 7.57 cfs @ 12.15 hrs, Volume= 0.637 af, Depth= 2.55"

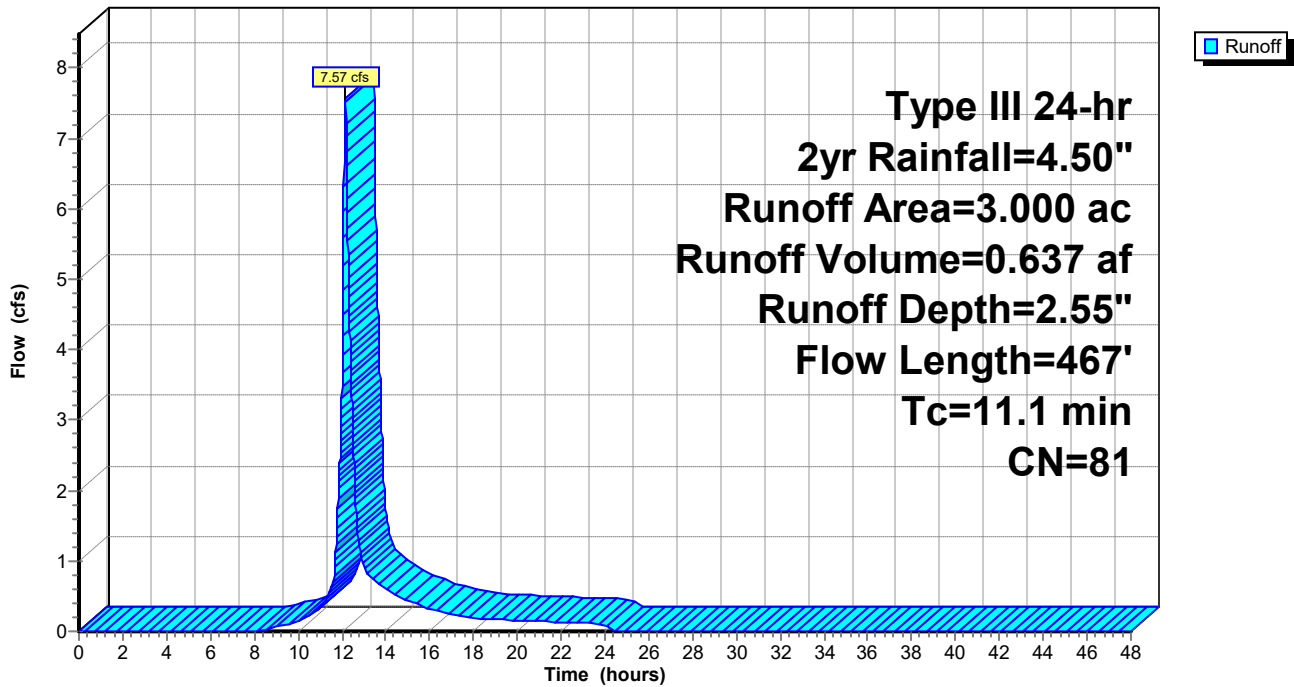
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 2yr Rainfall=4.50"

Area (ac)	CN	Description
1.940	79	Pasture/grassland/range, Fair, HSG C
1.060	84	Pasture/grassland/range, Fair, HSG D
3.000	81	Weighted Average
3.000		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"
4.5	402	0.0100	1.50		Shallow Concentrated Flow, Grassed Waterway Kv= 15.0 fps
11.1	467	Total			

Subcatchment 1Pre: Pre Development Site

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 2yr Rainfall=4.50"

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Summary for Subcatchment 2Post: Post to Detention

Runoff = 12.24 cfs @ 12.07 hrs, Volume= 0.937 af, Depth= 4.15"

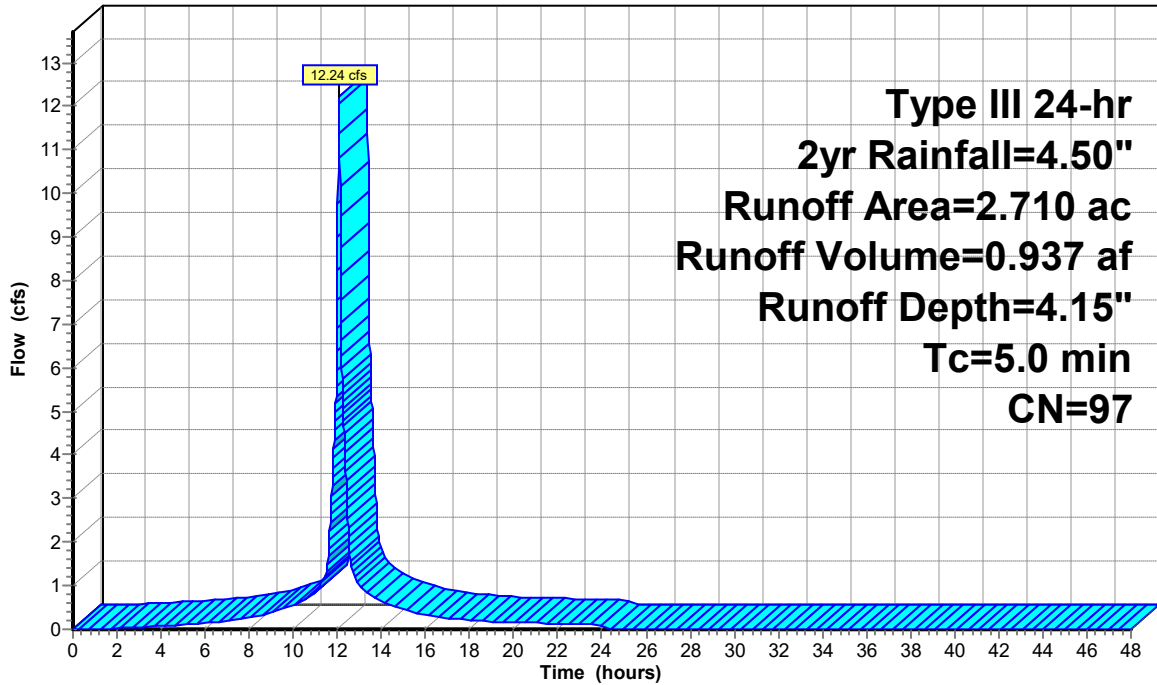
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 2yr Rainfall=4.50"

Area (ac)	CN	Description
0.100	74	>75% Grass cover, Good, HSG C
2.520	98	Paved parking, HSG C
0.090	80	>75% Grass cover, Good, HSG D
2.710	97	Weighted Average
0.190		7.01% Pervious Area
2.520		92.99% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2Post: Post to Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 2yr Rainfall=4.50"

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Summary for Subcatchment 2S: Post Bypass

Runoff = 0.99 cfs @ 12.07 hrs, Volume= 0.068 af, Depth= 2.82"

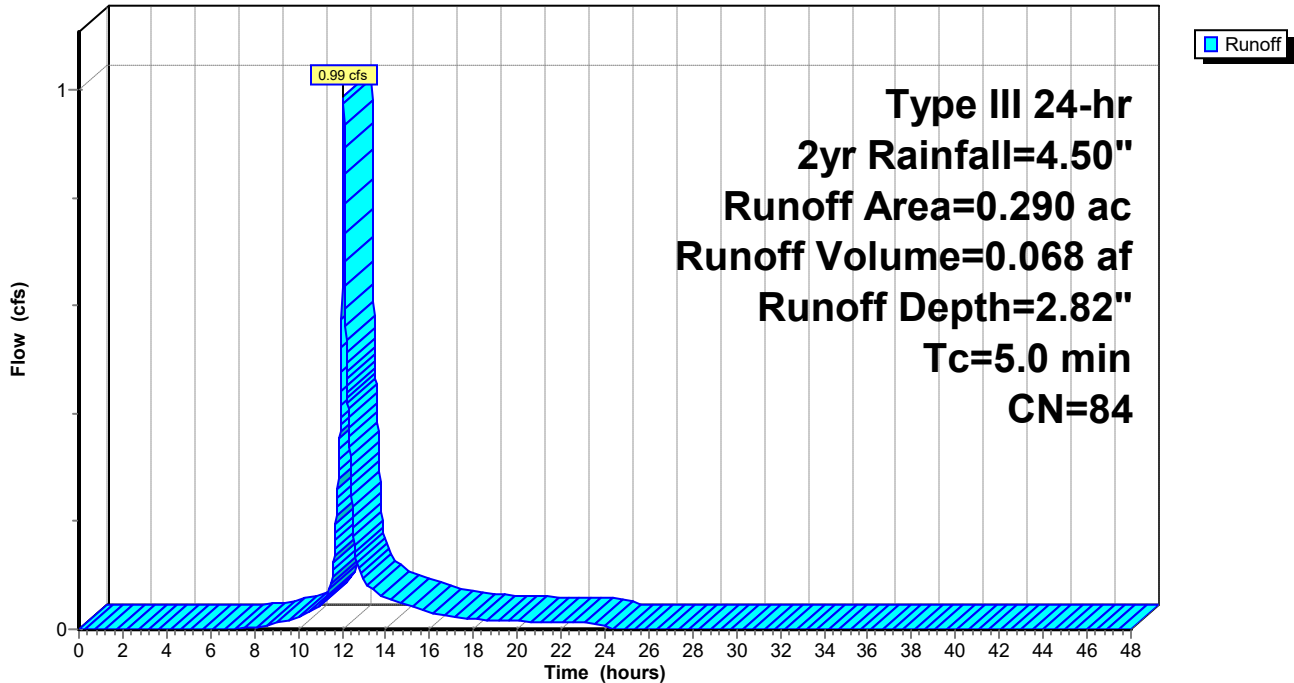
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 2yr Rainfall=4.50"

Area (ac)	CN	Description
0.120	74	>75% Grass cover, Good, HSG C
0.100	98	Paved parking, HSG C
0.070	80	>75% Grass cover, Good, HSG D
0.290	84	Weighted Average
0.190		65.52% Pervious Area
0.100		34.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2S: Post Bypass

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 2yr Rainfall=4.50"

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Summary for Pond 1P: Detention

Inflow Area = 2.710 ac, 92.99% Impervious, Inflow Depth = 4.15" for 2yr event
 Inflow = 12.24 cfs @ 12.07 hrs, Volume= 0.937 af
 Outflow = 6.38 cfs @ 12.19 hrs, Volume= 0.937 af, Atten= 48%, Lag= 7.0 min
 Primary = 6.38 cfs @ 12.19 hrs, Volume= 0.937 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
 Peak Elev= 286.43' @ 12.19 hrs Surf.Area= 0.092 ac Storage= 0.148 af

Plug-Flow detention time= 22.6 min calculated for 0.937 af (100% of inflow)
 Center-of-Mass det. time= 22.8 min (779.9 - 757.1)

Volume	Invert	Avail.Storage	Storage Description
#1A	284.00'	0.138 af	51.42'W x 78.23'L x 5.50'H Field A 0.508 af Overall - 0.164 af Embedded = 0.344 af x 40.0% Voids
#2A	284.75'	0.164 af	ADS_StormTech MC-3500 d +Cap x 63 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 63 Chambers in 7 Rows Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf
		0.301 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	284.00'	15.0" Round Culvert L= 90.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 284.00' / 283.80' S= 0.0022 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf
#2	Primary	286.55'	15.0" Round Culvert L= 90.0' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 286.55' / 285.35' S= 0.0133 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=6.38 cfs @ 12.19 hrs HW=286.43' (Free Discharge)

1=Culvert (Barrel Controls 6.38 cfs @ 5.20 fps)

2=Culvert (Controls 0.00 cfs)

Gluckstadt Retial STM MC-3500

Type III 24-hr 2yr Rainfall=4.50"

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Pond 1P: Detention - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)

Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf

Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap

Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf

77.0" Wide + 9.0" Spacing = 86.0" C-C Row Spacing

9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +60.0" End Stone x 2 = 78.23' Base Length

7 Rows x 77.0" Wide + 9.0" Spacing x 6 + 12.0" Side Stone x 2 = 51.42' Base Width

9.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.50' Field Height

63 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 7 Rows = 7,135.6 cf Chamber Storage

22,122.8 cf Field - 7,135.6 cf Chambers = 14,987.2 cf Stone x 40.0% Voids = 5,994.9 cf Stone Storage

Chamber Storage + Stone Storage = 13,130.5 cf = 0.301 af

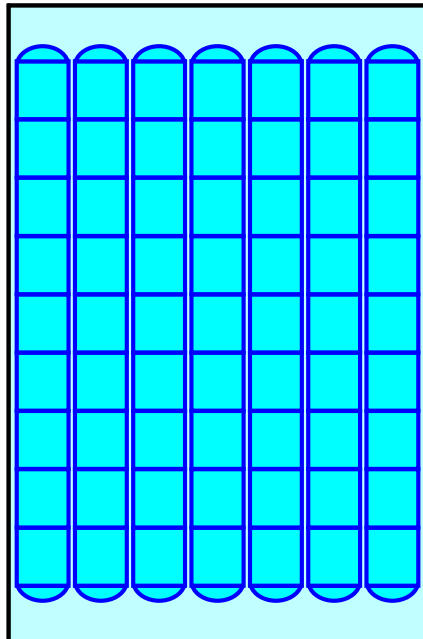
Overall Storage Efficiency = 59.4%

Overall System Size = 78.23' x 51.42' x 5.50'

63 Chambers

819.4 cy Field

555.1 cy Stone



Gluckstadt Retail STM MC-3500

Type III 24-hr 2yr Rainfall=4.50"

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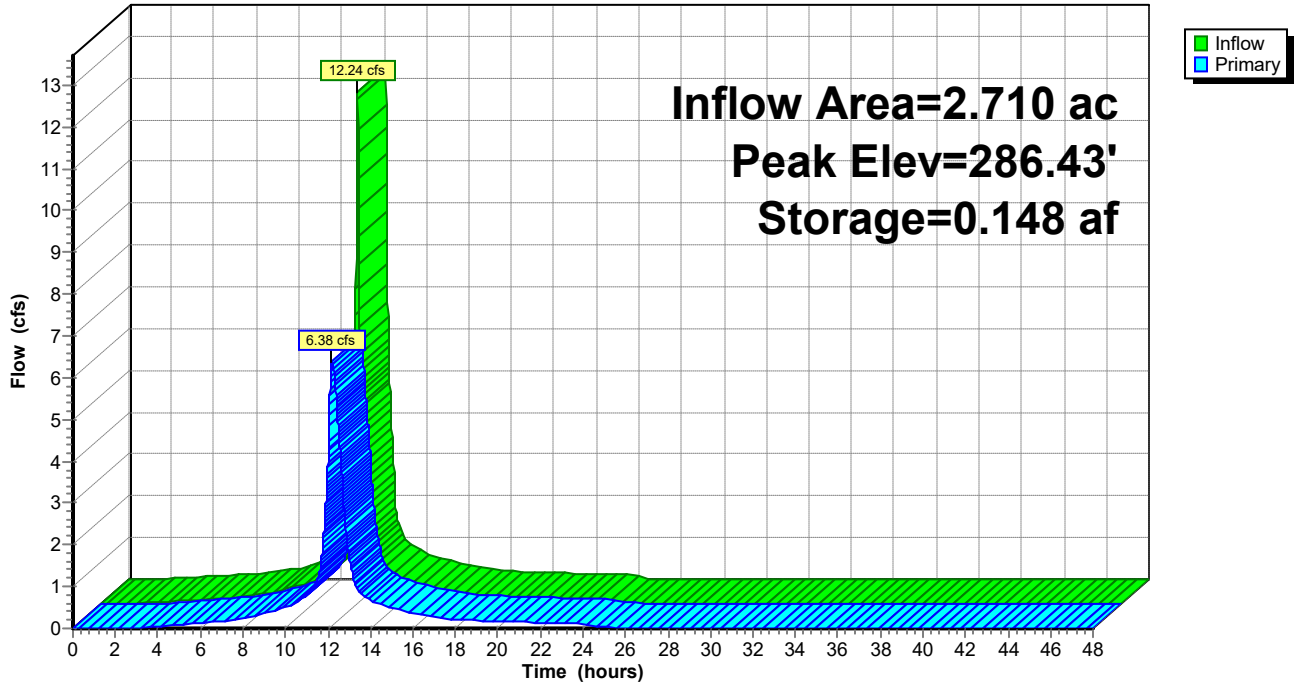
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Pond 1P: Detention

Hydrograph



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Type III 24-hr 2yr Rainfall=4.50"

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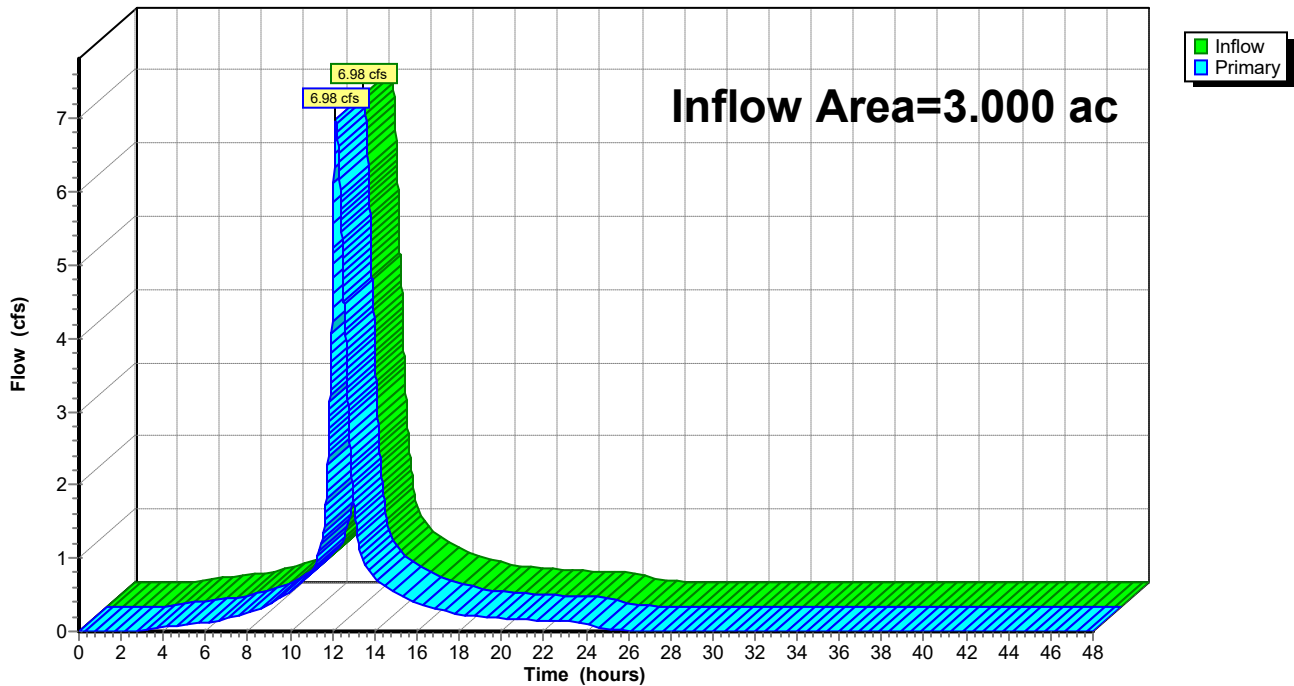
Summary for Link 3L: Post Outfall

Inflow Area = 3.000 ac, 87.33% Impervious, Inflow Depth = 4.02" for 2yr event
Inflow = 6.98 cfs @ 12.15 hrs, Volume= 1.005 af
Primary = 6.98 cfs @ 12.15 hrs, Volume= 1.005 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs

Link 3L: Post Outfall

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 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 1Pre: Pre Development Site Runoff Area=3.000 ac 0.00% Impervious Runoff Depth=3.61"
Flow Length=467' Tc=11.1 min CN=81 Runoff=10.70 cfs 0.903 af

Subcatchment 2Post: Post to Detention Runoff Area=2.710 ac 92.99% Impervious Runoff Depth=5.34"
Tc=5.0 min CN=97 Runoff=15.59 cfs 1.207 af

Subcatchment 2S: Post Bypass Runoff Area=0.290 ac 34.48% Impervious Runoff Depth=3.92"
Tc=5.0 min CN=84 Runoff=1.36 cfs 0.095 af

Pond 1P: Detention Peak Elev=287.05' Storage=0.189 af Inflow=15.59 cfs 1.207 af
Outflow=8.78 cfs 1.207 af

Link 3L: Post Outfall Inflow=9.61 cfs 1.302 af
Primary=9.61 cfs 1.302 af

Total Runoff Area = 6.000 ac Runoff Volume = 2.205 af Average Runoff Depth = 4.41"
56.33% Pervious = 3.380 ac 43.67% Impervious = 2.620 ac

Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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Summary for Subcatchment 1Pre: Pre Development Site

Runoff = 10.70 cfs @ 12.15 hrs, Volume= 0.903 af, Depth= 3.61"

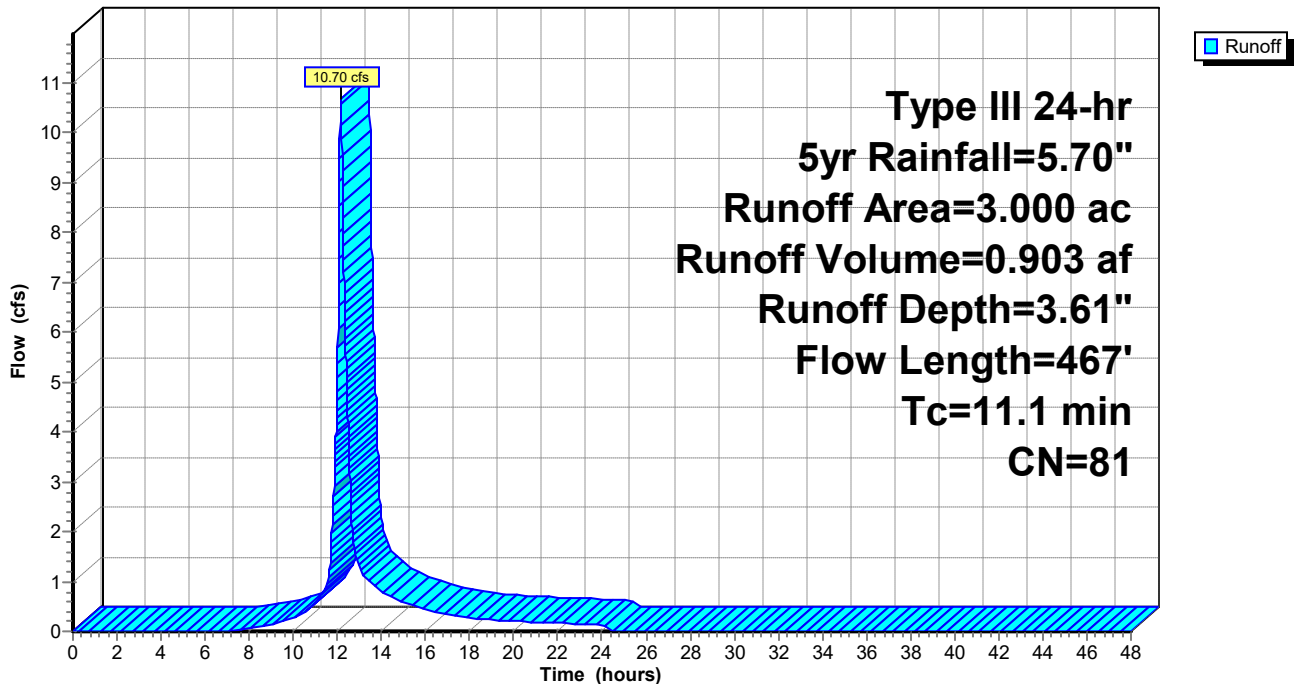
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 5yr Rainfall=5.70"

Area (ac)	CN	Description
1.940	79	Pasture/grassland/range, Fair, HSG C
1.060	84	Pasture/grassland/range, Fair, HSG D
3.000	81	Weighted Average
3.000		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"
4.5	402	0.0100	1.50		Shallow Concentrated Flow, Grassed Waterway Kv= 15.0 fps
11.1	467	Total			

Subcatchment 1Pre: Pre Development Site

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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Summary for Subcatchment 2Post: Post to Detention

Runoff = 15.59 cfs @ 12.07 hrs, Volume= 1.207 af, Depth= 5.34"

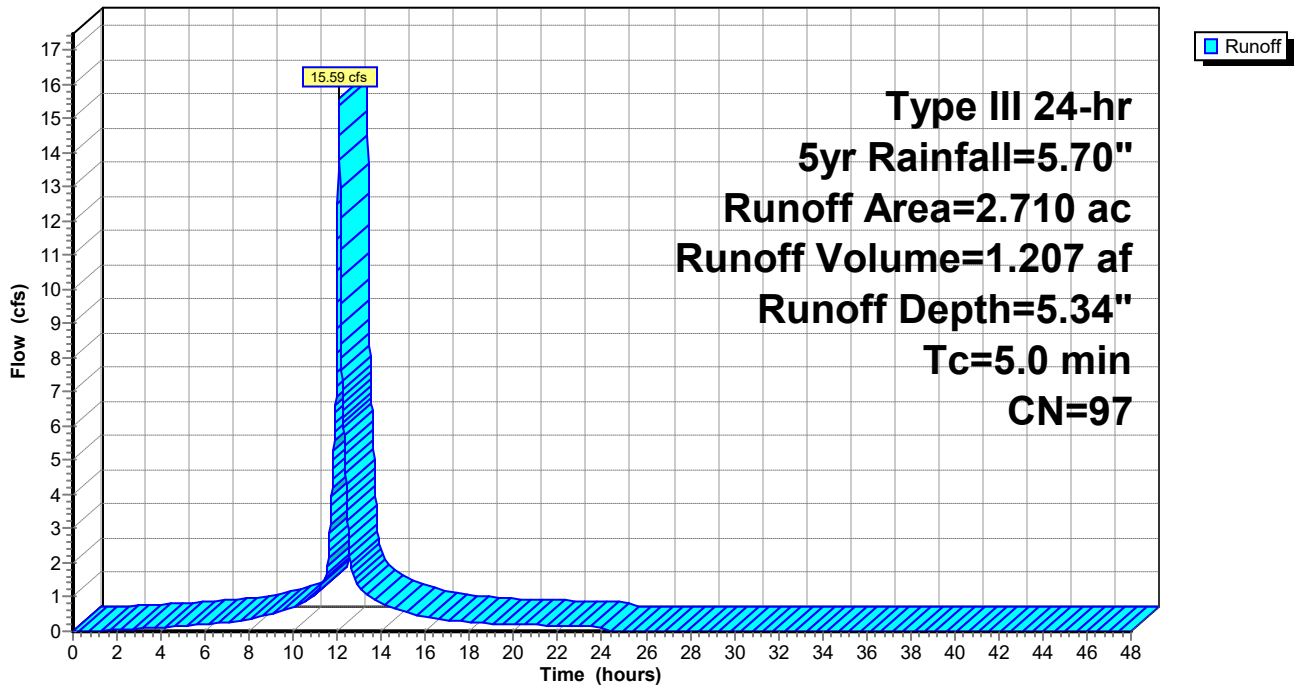
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 5yr Rainfall=5.70"

Area (ac)	CN	Description
0.100	74	>75% Grass cover, Good, HSG C
2.520	98	Paved parking, HSG C
0.090	80	>75% Grass cover, Good, HSG D
2.710	97	Weighted Average
0.190		7.01% Pervious Area
2.520		92.99% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2Post: Post to Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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Summary for Subcatchment 2S: Post Bypass

Runoff = 1.36 cfs @ 12.07 hrs, Volume= 0.095 af, Depth= 3.92"

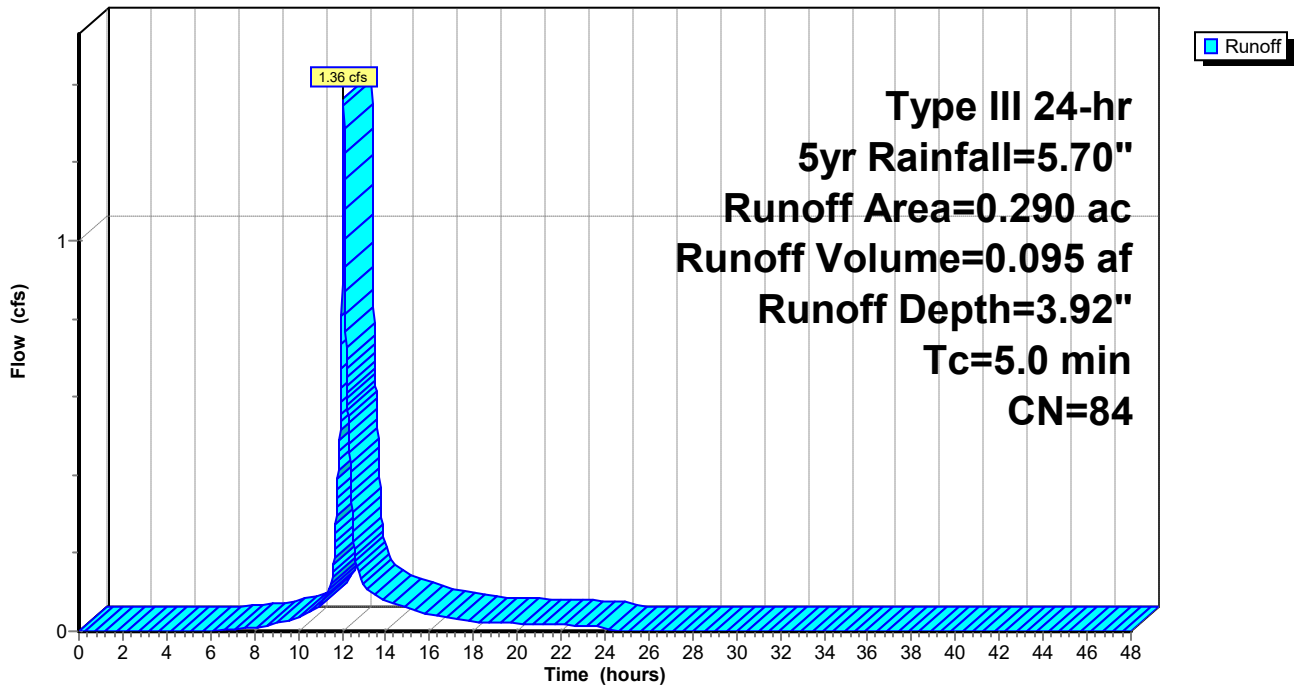
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 5yr Rainfall=5.70"

Area (ac)	CN	Description
0.120	74	>75% Grass cover, Good, HSG C
0.100	98	Paved parking, HSG C
0.070	80	>75% Grass cover, Good, HSG D
0.290	84	Weighted Average
0.190		65.52% Pervious Area
0.100		34.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2S: Post Bypass

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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Summary for Pond 1P: Detention

Inflow Area = 2.710 ac, 92.99% Impervious, Inflow Depth = 5.34" for 5yr event
 Inflow = 15.59 cfs @ 12.07 hrs, Volume= 1.207 af
 Outflow = 8.78 cfs @ 12.17 hrs, Volume= 1.207 af, Atten= 44%, Lag= 6.2 min
 Primary = 8.78 cfs @ 12.17 hrs, Volume= 1.207 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
 Peak Elev= 287.05' @ 12.17 hrs Surf.Area= 0.092 ac Storage= 0.189 af

Plug-Flow detention time= 21.2 min calculated for 1.207 af (100% of inflow)
 Center-of-Mass det. time= 21.2 min (773.4 - 752.2)

Volume	Invert	Avail.Storage	Storage Description
#1A	284.00'	0.138 af	51.42"W x 78.23"L x 5.50"H Field A 0.508 af Overall - 0.164 af Embedded = 0.344 af x 40.0% Voids
#2A	284.75'	0.164 af	ADS_StormTech MC-3500 d +Cap x 63 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 63 Chambers in 7 Rows Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf
		0.301 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	284.00'	15.0" Round Culvert L= 90.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 284.00' / 283.80' S= 0.0022 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf
#2	Primary	286.55'	15.0" Round Culvert L= 90.0' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 286.55' / 285.35' S= 0.0133 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=8.78 cfs @ 12.17 hrs HW=287.05' (Free Discharge)

1=Culvert (Barrel Controls 7.68 cfs @ 6.26 fps)

2=Culvert (Inlet Controls 1.10 cfs @ 2.40 fps)

Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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Pond 1P: Detention - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)

Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf

Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap

Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf

77.0" Wide + 9.0" Spacing = 86.0" C-C Row Spacing

9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +60.0" End Stone x 2 = 78.23' Base Length

7 Rows x 77.0" Wide + 9.0" Spacing x 6 + 12.0" Side Stone x 2 = 51.42' Base Width

9.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.50' Field Height

63 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 7 Rows = 7,135.6 cf Chamber Storage

22,122.8 cf Field - 7,135.6 cf Chambers = 14,987.2 cf Stone x 40.0% Voids = 5,994.9 cf Stone Storage

Chamber Storage + Stone Storage = 13,130.5 cf = 0.301 af

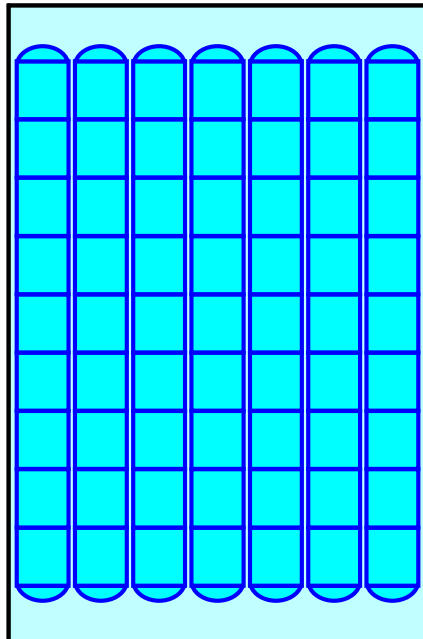
Overall Storage Efficiency = 59.4%

Overall System Size = 78.23' x 51.42' x 5.50'

63 Chambers

819.4 cy Field

555.1 cy Stone



Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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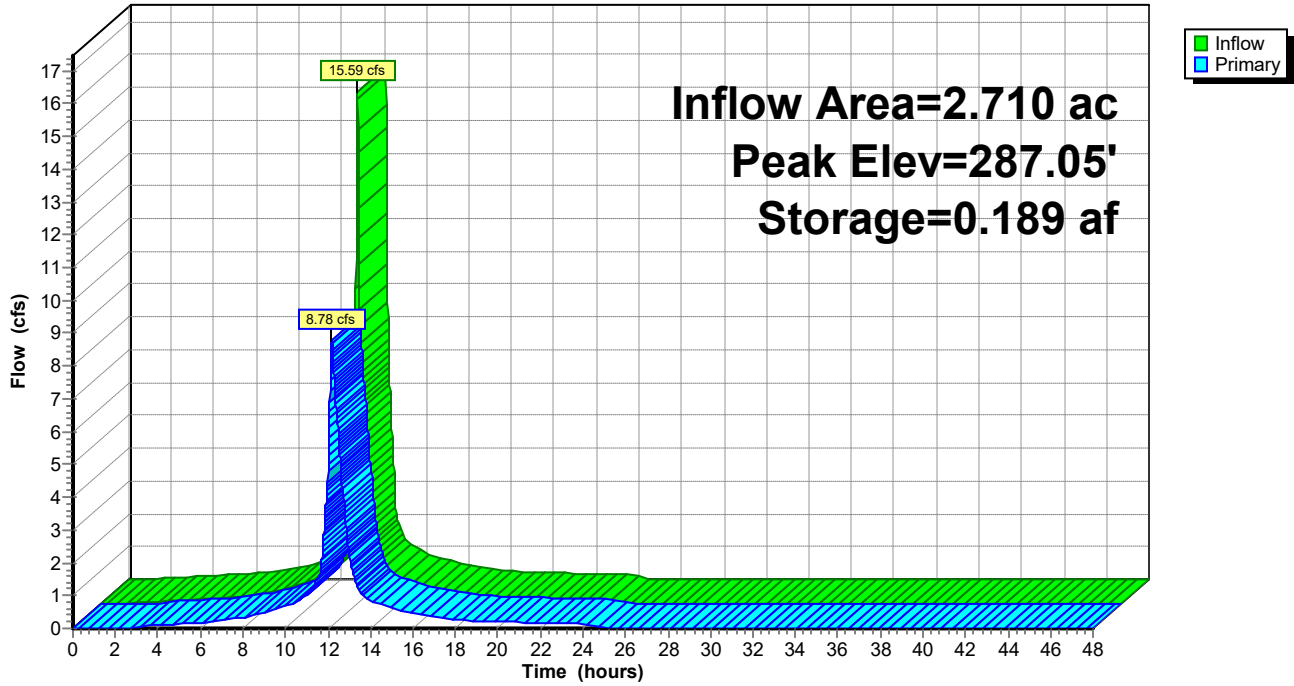
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Pond 1P: Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 5yr Rainfall=5.70"

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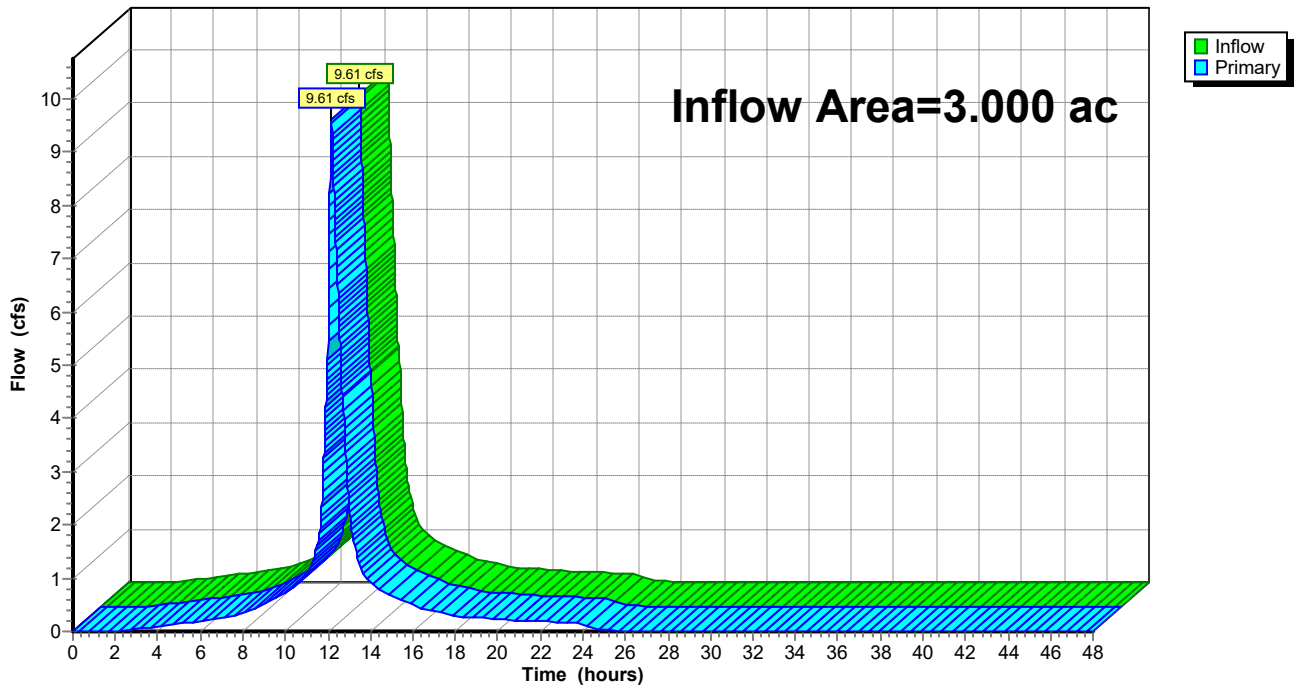
Summary for Link 3L: Post Outfall

Inflow Area = 3.000 ac, 87.33% Impervious, Inflow Depth = 5.21" for 5yr event
Inflow = 9.61 cfs @ 12.16 hrs, Volume= 1.302 af
Primary = 9.61 cfs @ 12.16 hrs, Volume= 1.302 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs

Link 3L: Post Outfall

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 10yr Rainfall=6.70"

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Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 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 1Pre: Pre Development Site Runoff Area=3.000 ac 0.00% Impervious Runoff Depth=4.53"
Flow Length=467' Tc=11.1 min CN=81 Runoff=13.34 cfs 1.132 af

Subcatchment 2Post: Post to Detention Runoff Area=2.710 ac 92.99% Impervious Runoff Depth=6.34"
Tc=5.0 min CN=97 Runoff=18.37 cfs 1.432 af

Subcatchment 2S: Post Bypass Runoff Area=0.290 ac 34.48% Impervious Runoff Depth=4.86"
Tc=5.0 min CN=84 Runoff=1.68 cfs 0.117 af

Pond 1P: Detention Peak Elev=287.48' Storage=0.215 af Inflow=18.37 cfs 1.432 af
Outflow=11.67 cfs 1.432 af

Link 3L: Post Outfall Inflow=12.80 cfs 1.550 af
Primary=12.80 cfs 1.550 af

Total Runoff Area = 6.000 ac Runoff Volume = 2.681 af Average Runoff Depth = 5.36"
56.33% Pervious = 3.380 ac 43.67% Impervious = 2.620 ac

Gluckstadt Retial STM MC-3500

Type III 24-hr 10yr Rainfall=6.70"

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Summary for Subcatchment 1Pre: Pre Development Site

Runoff = 13.34 cfs @ 12.15 hrs, Volume= 1.132 af, Depth= 4.53"

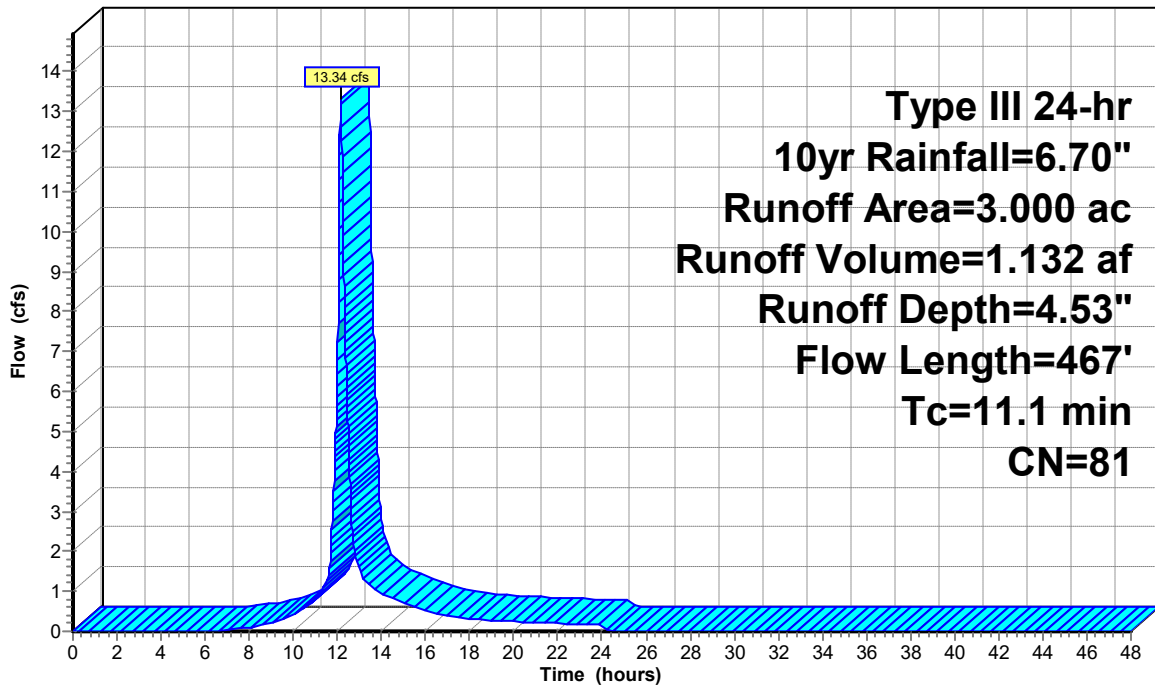
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10yr Rainfall=6.70"

Area (ac)	CN	Description
1.940	79	Pasture/grassland/range, Fair, HSG C
1.060	84	Pasture/grassland/range, Fair, HSG D
3.000	81	Weighted Average
3.000		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"
4.5	402	0.0100	1.50		Shallow Concentrated Flow, Grassed Waterway Kv= 15.0 fps
11.1	467	Total			

Subcatchment 1Pre: Pre Development Site

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 10yr Rainfall=6.70"

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Summary for Subcatchment 2Post: Post to Detention

Runoff = 18.37 cfs @ 12.07 hrs, Volume= 1.432 af, Depth= 6.34"

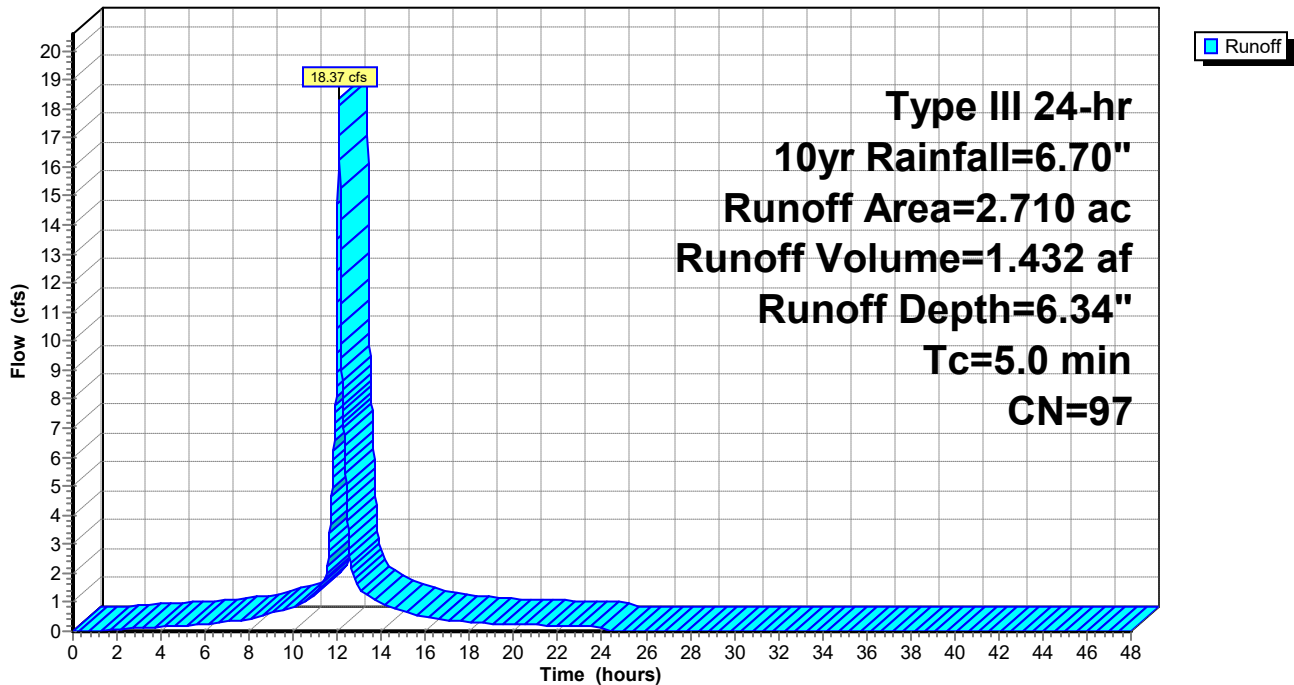
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10yr Rainfall=6.70"

Area (ac)	CN	Description
0.100	74	>75% Grass cover, Good, HSG C
2.520	98	Paved parking, HSG C
0.090	80	>75% Grass cover, Good, HSG D
2.710	97	Weighted Average
0.190		7.01% Pervious Area
2.520		92.99% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2Post: Post to Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 10yr Rainfall=6.70"

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Summary for Subcatchment 2S: Post Bypass

Runoff = 1.68 cfs @ 12.07 hrs, Volume= 0.117 af, Depth= 4.86"

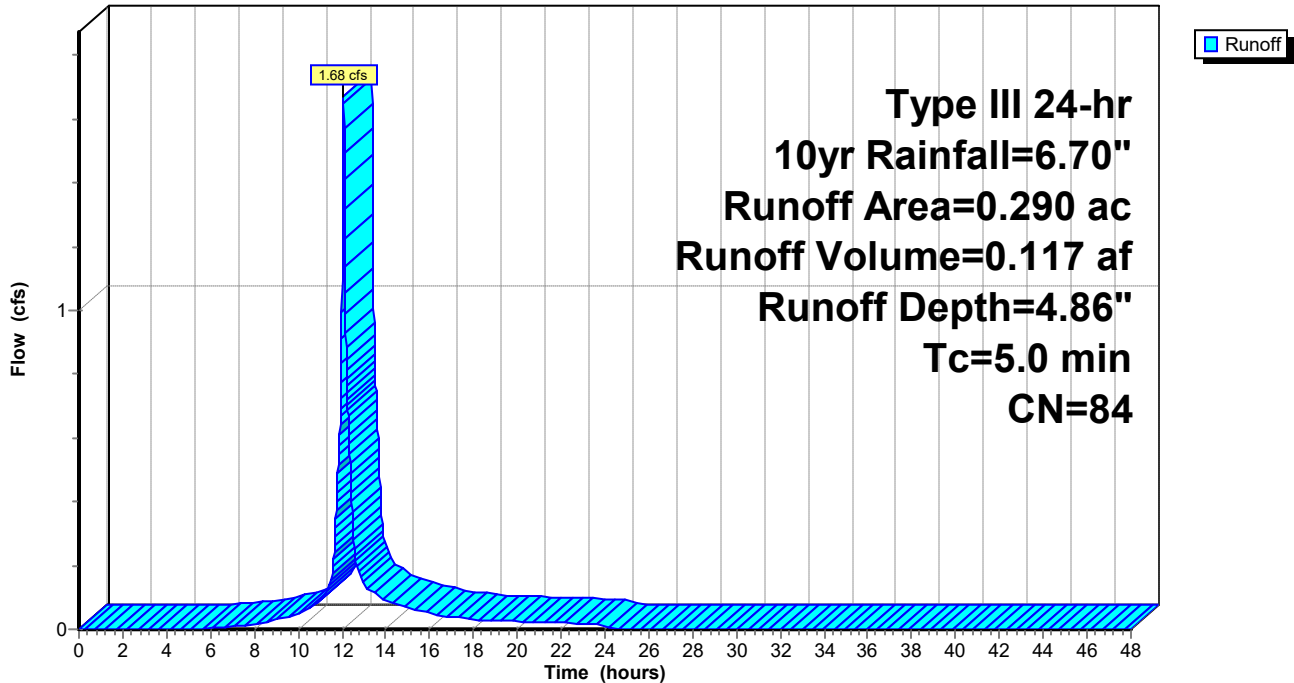
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10yr Rainfall=6.70"

Area (ac)	CN	Description
0.120	74	>75% Grass cover, Good, HSG C
0.100	98	Paved parking, HSG C
0.070	80	>75% Grass cover, Good, HSG D
0.290	84	Weighted Average
0.190		65.52% Pervious Area
0.100		34.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2S: Post Bypass

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 10yr Rainfall=6.70"

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Summary for Pond 1P: Detention

Inflow Area = 2.710 ac, 92.99% Impervious, Inflow Depth = 6.34" for 10yr event
 Inflow = 18.37 cfs @ 12.07 hrs, Volume= 1.432 af
 Outflow = 11.67 cfs @ 12.16 hrs, Volume= 1.432 af, Atten= 36%, Lag= 5.2 min
 Primary = 11.67 cfs @ 12.16 hrs, Volume= 1.432 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
 Peak Elev= 287.48' @ 12.16 hrs Surf.Area= 0.092 ac Storage= 0.215 af

Plug-Flow detention time= 20.0 min calculated for 1.432 af (100% of inflow)
 Center-of-Mass det. time= 19.9 min (769.1 - 749.2)

Volume	Invert	Avail.Storage	Storage Description
#1A	284.00'	0.138 af	51.42'W x 78.23'L x 5.50'H Field A 0.508 af Overall - 0.164 af Embedded = 0.344 af x 40.0% Voids
#2A	284.75'	0.164 af	ADS_StormTech MC-3500 d +Cap x 63 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 63 Chambers in 7 Rows Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf
		0.301 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	284.00'	15.0" Round Culvert L= 90.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 284.00' / 283.80' S= 0.0022 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf
#2	Primary	286.55'	15.0" Round Culvert L= 90.0' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 286.55' / 285.35' S= 0.0133 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=11.66 cfs @ 12.16 hrs HW=287.48' (Free Discharge)

1=Culvert (Barrel Controls 8.46 cfs @ 6.89 fps)

2=Culvert (Inlet Controls 3.20 cfs @ 3.28 fps)

Gluckstadt Retial STM MC-3500

Type III 24-hr 10yr Rainfall=6.70"

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Pond 1P: Detention - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)

Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf

Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap

Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf

77.0" Wide + 9.0" Spacing = 86.0" C-C Row Spacing

9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +60.0" End Stone x 2 = 78.23' Base Length

7 Rows x 77.0" Wide + 9.0" Spacing x 6 + 12.0" Side Stone x 2 = 51.42' Base Width

9.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.50' Field Height

63 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 7 Rows = 7,135.6 cf Chamber Storage

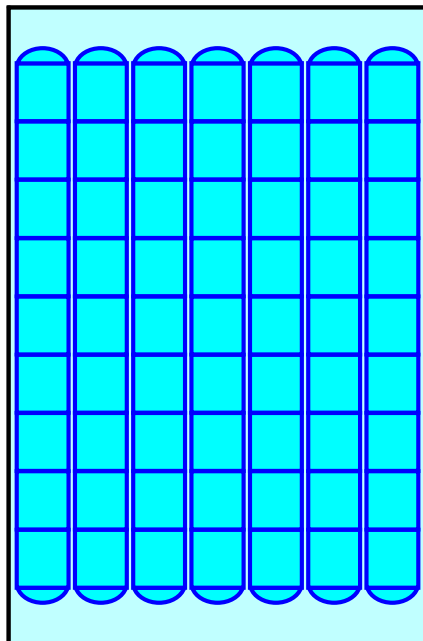
22,122.8 cf Field - 7,135.6 cf Chambers = 14,987.2 cf Stone x 40.0% Voids = 5,994.9 cf Stone Storage

Chamber Storage + Stone Storage = 13,130.5 cf = 0.301 af

Overall Storage Efficiency = 59.4%

Overall System Size = 78.23' x 51.42' x 5.50'

63 Chambers
819.4 cy Field
555.1 cy Stone



Gluckstadt Retial STM MC-3500

Type III 24-hr 10yr Rainfall=6.70"

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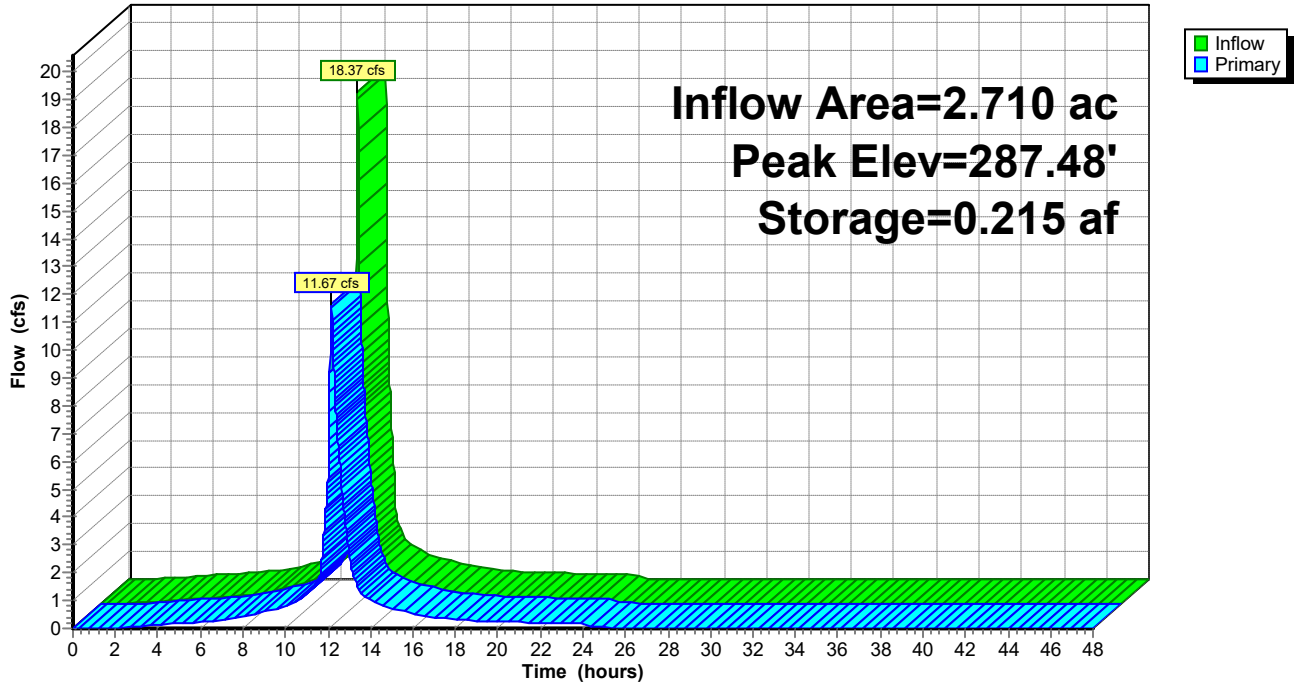
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Pond 1P: Detention

Hydrograph



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Type III 24-hr 10yr Rainfall=6.70"

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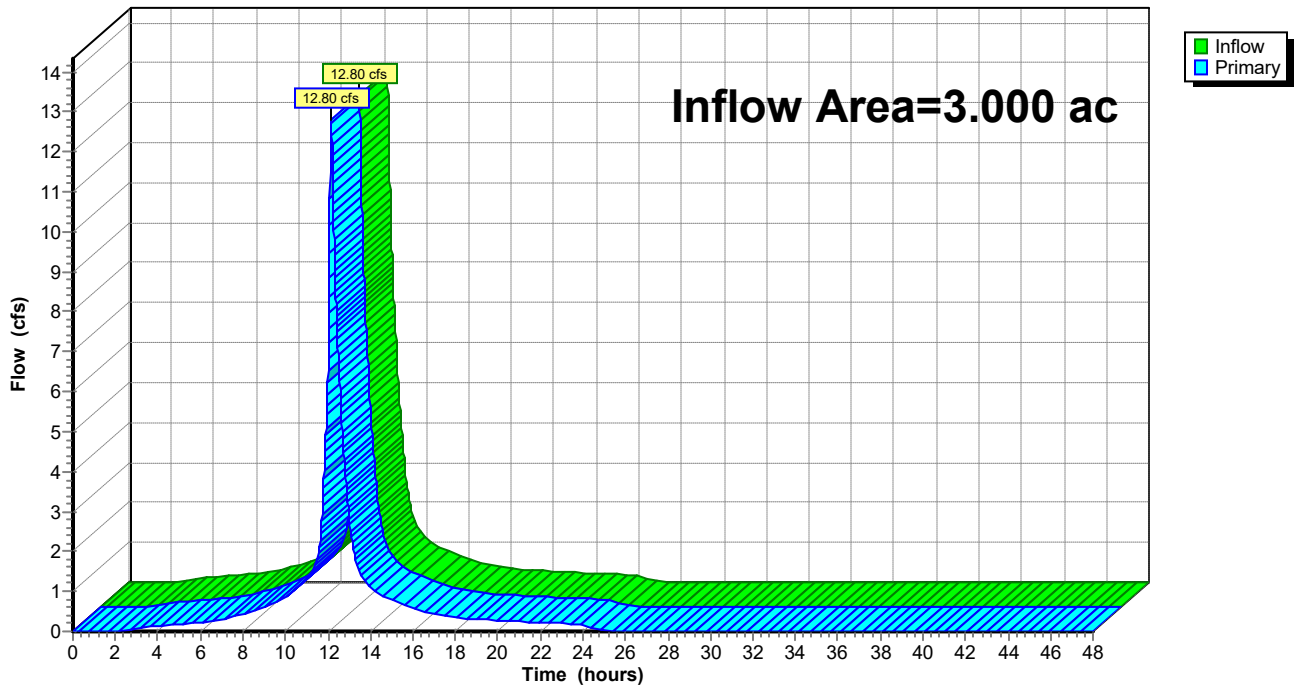
Summary for Link 3L: Post Outfall

Inflow Area = 3.000 ac, 87.33% Impervious, Inflow Depth = 6.20" for 10yr event
Inflow = 12.80 cfs @ 12.15 hrs, Volume= 1.550 af
Primary = 12.80 cfs @ 12.15 hrs, Volume= 1.550 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs

Link 3L: Post Outfall

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 25yr Rainfall=7.70"

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Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 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 1Pre: Pre Development Site Runoff Area=3.000 ac 0.00% Impervious Runoff Depth=5.46"
Flow Length=467' Tc=11.1 min CN=81 Runoff=15.99 cfs 1.365 af

Subcatchment 2Post: Post to Detention Runoff Area=2.710 ac 92.99% Impervious Runoff Depth=7.34"
Tc=5.0 min CN=97 Runoff=21.15 cfs 1.658 af

Subcatchment 2S: Post Bypass Runoff Area=0.290 ac 34.48% Impervious Runoff Depth=5.81"
Tc=5.0 min CN=84 Runoff=1.99 cfs 0.140 af

Pond 1P: Detention Peak Elev=287.91' Storage=0.239 af Inflow=21.15 cfs 1.658 af
Outflow=14.24 cfs 1.658 af

Link 3L: Post Outfall Inflow=15.67 cfs 1.798 af
Primary=15.67 cfs 1.798 af

Total Runoff Area = 6.000 ac Runoff Volume = 3.163 af Average Runoff Depth = 6.33"
56.33% Pervious = 3.380 ac 43.67% Impervious = 2.620 ac

Gluckstadt Retial STM MC-3500

Type III 24-hr 25yr Rainfall=7.70"

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Summary for Subcatchment 1Pre: Pre Development Site

Runoff = 15.99 cfs @ 12.15 hrs, Volume= 1.365 af, Depth= 5.46"

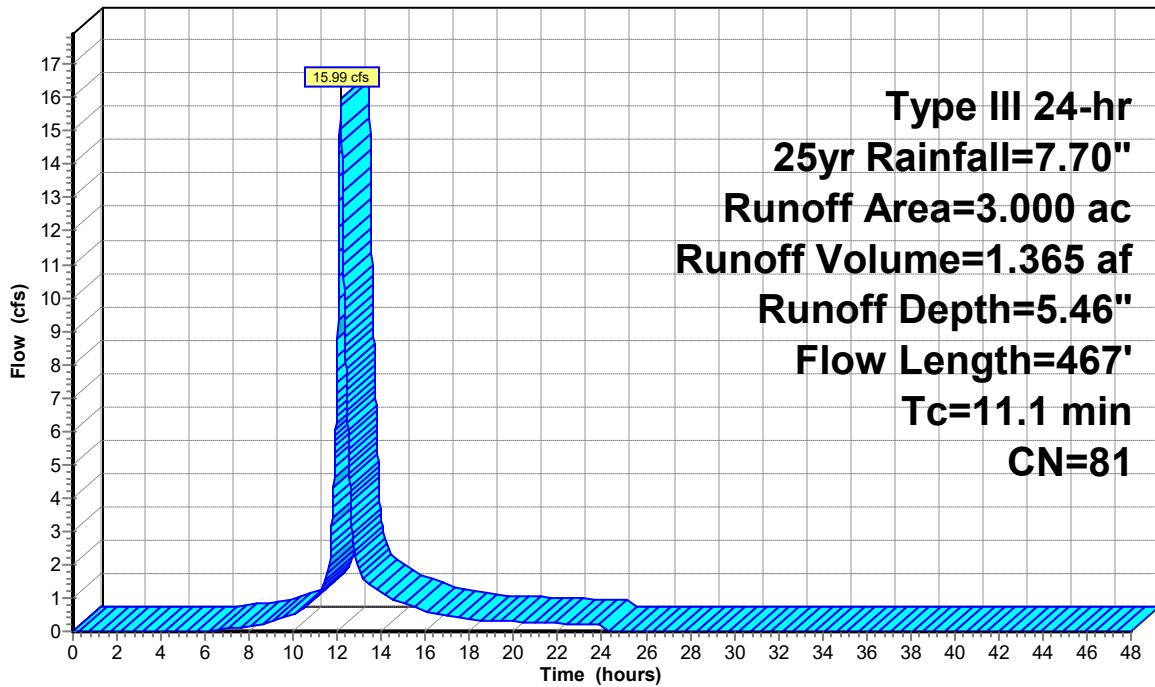
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 25yr Rainfall=7.70"

Area (ac)	CN	Description
1.940	79	Pasture/grassland/range, Fair, HSG C
1.060	84	Pasture/grassland/range, Fair, HSG D
3.000	81	Weighted Average
3.000		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"
4.5	402	0.0100	1.50		Shallow Concentrated Flow, Grassed Waterway Kv= 15.0 fps
11.1	467	Total			

Subcatchment 1Pre: Pre Development Site

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 25yr Rainfall=7.70"

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Summary for Subcatchment 2Post: Post to Detention

Runoff = 21.15 cfs @ 12.07 hrs, Volume= 1.658 af, Depth= 7.34"

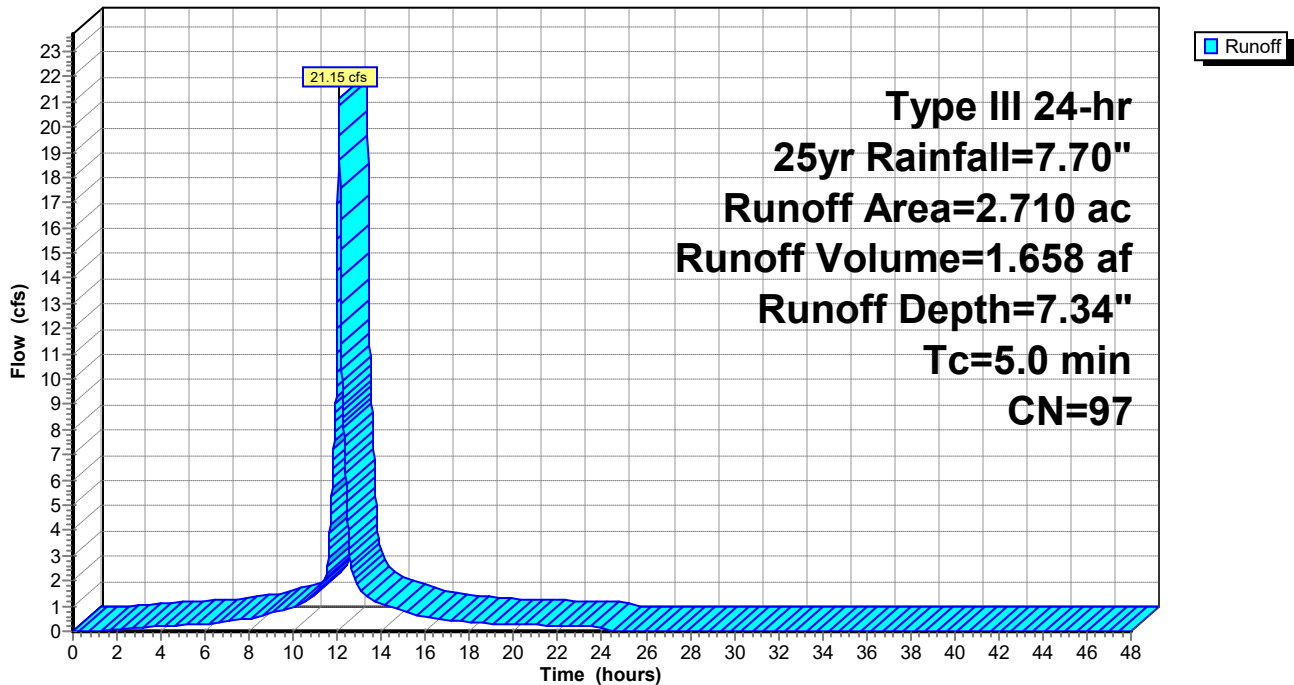
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 25yr Rainfall=7.70"

Area (ac)	CN	Description
0.100	74	>75% Grass cover, Good, HSG C
2.520	98	Paved parking, HSG C
0.090	80	>75% Grass cover, Good, HSG D
2.710	97	Weighted Average
0.190		7.01% Pervious Area
2.520		92.99% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2Post: Post to Detention

Hydrograph



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Type III 24-hr 25yr Rainfall=7.70"

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Summary for Subcatchment 2S: Post Bypass

Runoff = 1.99 cfs @ 12.07 hrs, Volume= 0.140 af, Depth= 5.81"

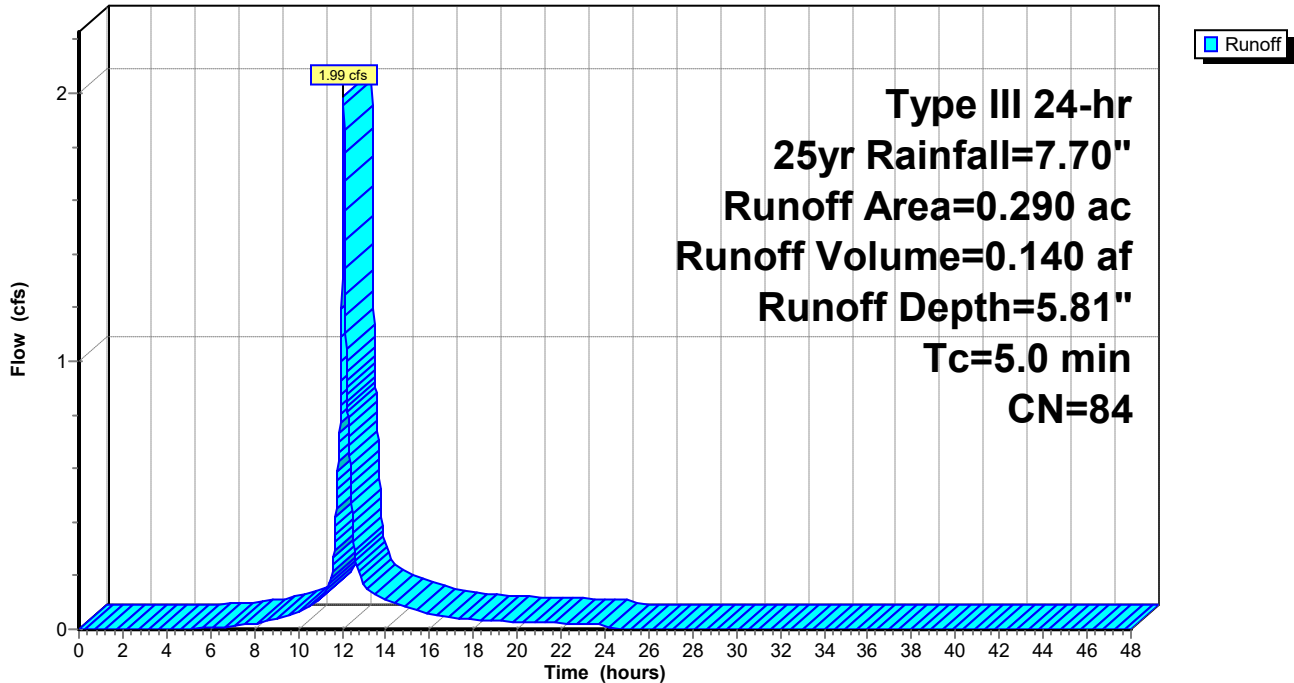
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 25yr Rainfall=7.70"

Area (ac)	CN	Description
0.120	74	>75% Grass cover, Good, HSG C
0.100	98	Paved parking, HSG C
0.070	80	>75% Grass cover, Good, HSG D
0.290	84	Weighted Average
0.190		65.52% Pervious Area
0.100		34.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2S: Post Bypass

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 25yr Rainfall=7.70"

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Summary for Pond 1P: Detention

Inflow Area = 2.710 ac, 92.99% Impervious, Inflow Depth = 7.34" for 25yr event
 Inflow = 21.15 cfs @ 12.07 hrs, Volume= 1.658 af
 Outflow = 14.24 cfs @ 12.15 hrs, Volume= 1.658 af, Atten= 33%, Lag= 4.7 min
 Primary = 14.24 cfs @ 12.15 hrs, Volume= 1.658 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
 Peak Elev= 287.91' @ 12.15 hrs Surf.Area= 0.092 ac Storage= 0.239 af

Plug-Flow detention time= 19.0 min calculated for 1.658 af (100% of inflow)
 Center-of-Mass det. time= 18.9 min (765.7 - 746.8)

Volume	Invert	Avail.Storage	Storage Description
#1A	284.00'	0.138 af	51.42"W x 78.23"L x 5.50"H Field A 0.508 af Overall - 0.164 af Embedded = 0.344 af x 40.0% Voids
#2A	284.75'	0.164 af	ADS_StormTech MC-3500 d +Cap x 63 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 63 Chambers in 7 Rows Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf
		0.301 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	284.00'	15.0" Round Culvert L= 90.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 284.00' / 283.80' S= 0.0022 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf
#2	Primary	286.55'	15.0" Round Culvert L= 90.0' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 286.55' / 285.35' S= 0.0133 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=14.24 cfs @ 12.15 hrs HW=287.91' (Free Discharge)

1=Culvert (Barrel Controls 9.18 cfs @ 7.48 fps)

2=Culvert (Inlet Controls 5.06 cfs @ 4.12 fps)

Gluckstadt Retial STM MC-3500

Type III 24-hr 25yr Rainfall=7.70"

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Pond 1P: Detention - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)

Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf

Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap

Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf

77.0" Wide + 9.0" Spacing = 86.0" C-C Row Spacing

9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +60.0" End Stone x 2 = 78.23' Base Length

7 Rows x 77.0" Wide + 9.0" Spacing x 6 + 12.0" Side Stone x 2 = 51.42' Base Width

9.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.50' Field Height

63 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 7 Rows = 7,135.6 cf Chamber Storage

22,122.8 cf Field - 7,135.6 cf Chambers = 14,987.2 cf Stone x 40.0% Voids = 5,994.9 cf Stone Storage

Chamber Storage + Stone Storage = 13,130.5 cf = 0.301 af

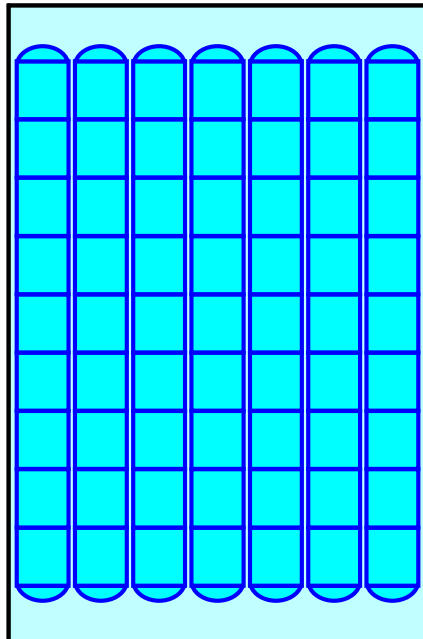
Overall Storage Efficiency = 59.4%

Overall System Size = 78.23' x 51.42' x 5.50'

63 Chambers

819.4 cy Field

555.1 cy Stone



Gluckstadt Retial STM MC-3500

Type III 24-hr 25yr Rainfall=7.70"

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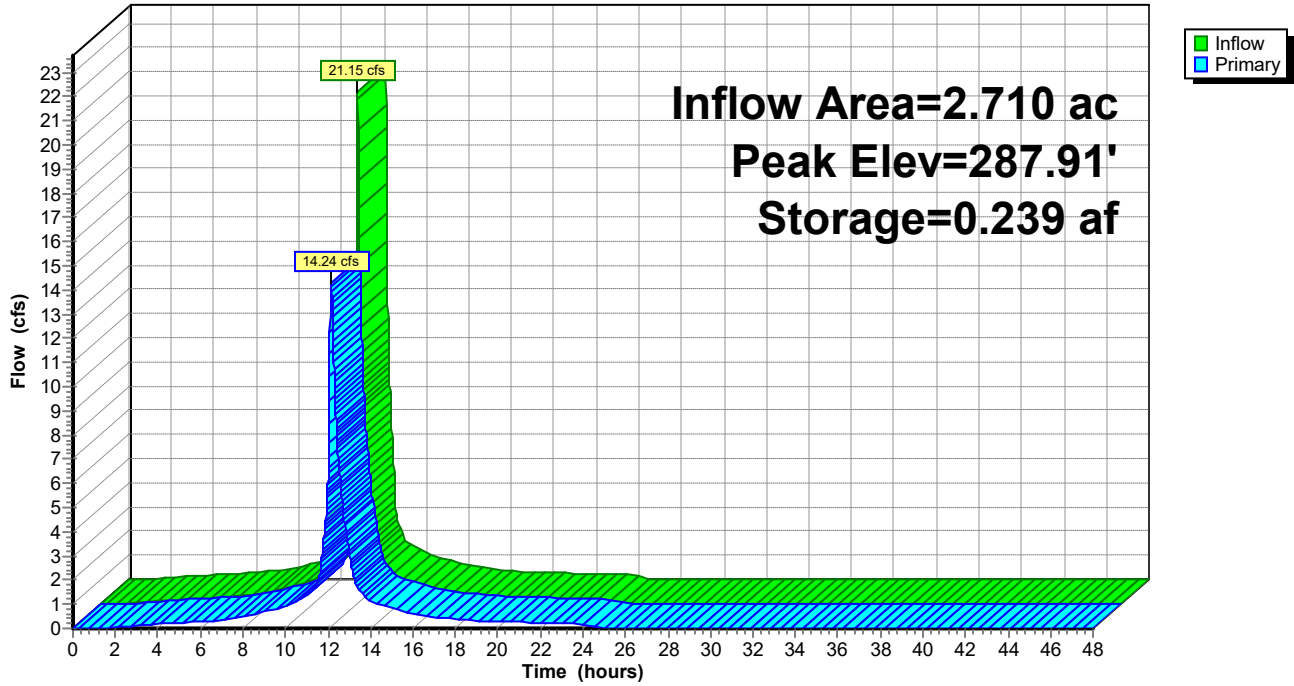
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Pond 1P: Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 25yr Rainfall=7.70"

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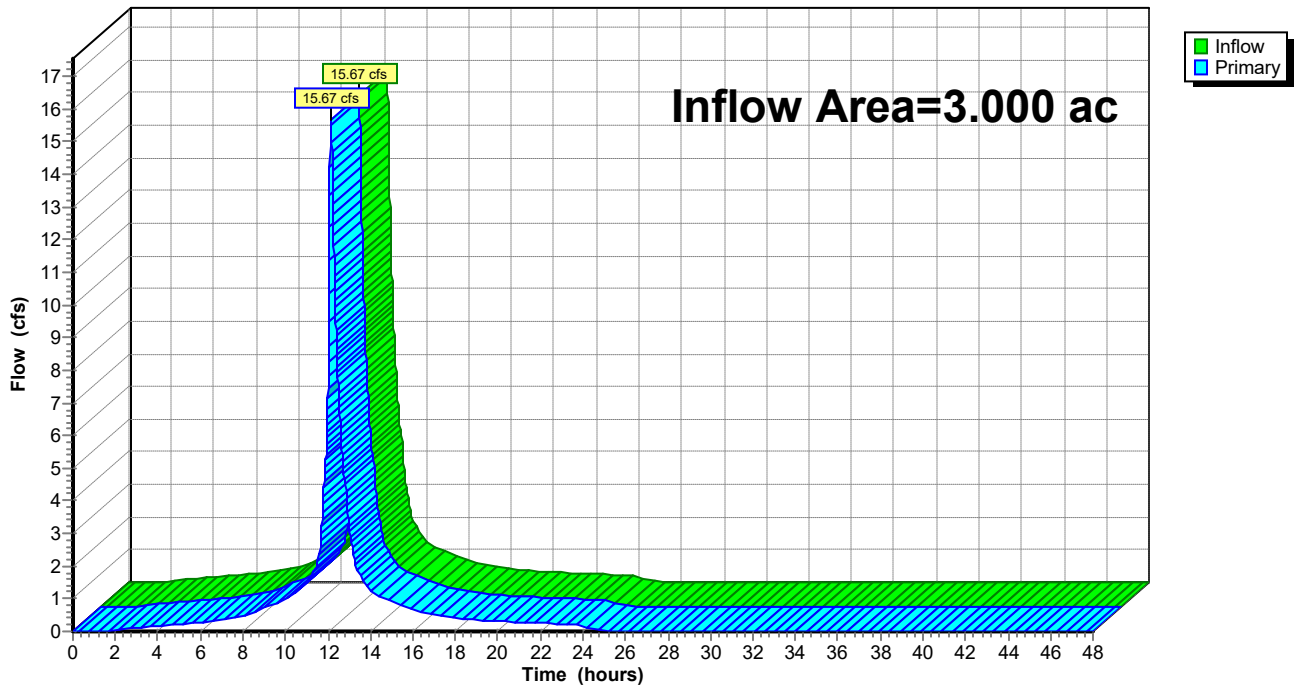
Summary for Link 3L: Post Outfall

Inflow Area = 3.000 ac, 87.33% Impervious, Inflow Depth = 7.19" for 25yr event
Inflow = 15.67 cfs @ 12.14 hrs, Volume= 1.798 af
Primary = 15.67 cfs @ 12.14 hrs, Volume= 1.798 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs

Link 3L: Post Outfall

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 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 1Pre: Pre Development Site Runoff Area=3.000 ac 0.00% Impervious Runoff Depth=6.31"
Flow Length=467' Tc=11.1 min CN=81 Runoff=18.37 cfs 1.578 af

Subcatchment 2Post: Post to Detention Runoff Area=2.710 ac 92.99% Impervious Runoff Depth=8.24"
Tc=5.0 min CN=97 Runoff=23.65 cfs 1.861 af

Subcatchment 2S: Post Bypass Runoff Area=0.290 ac 34.48% Impervious Runoff Depth=6.67"
Tc=5.0 min CN=84 Runoff=2.27 cfs 0.161 af

Pond 1P: Detention Peak Elev=288.39' Storage=0.260 af Inflow=23.65 cfs 1.861 af
Outflow=16.42 cfs 1.861 af

Link 3L: Post Outfall Inflow=18.09 cfs 2.022 af
Primary=18.09 cfs 2.022 af

Total Runoff Area = 6.000 ac Runoff Volume = 3.600 af Average Runoff Depth = 7.20"
56.33% Pervious = 3.380 ac 43.67% Impervious = 2.620 ac

Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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Summary for Subcatchment 1Pre: Pre Development Site

Runoff = 18.37 cfs @ 12.15 hrs, Volume= 1.578 af, Depth= 6.31"

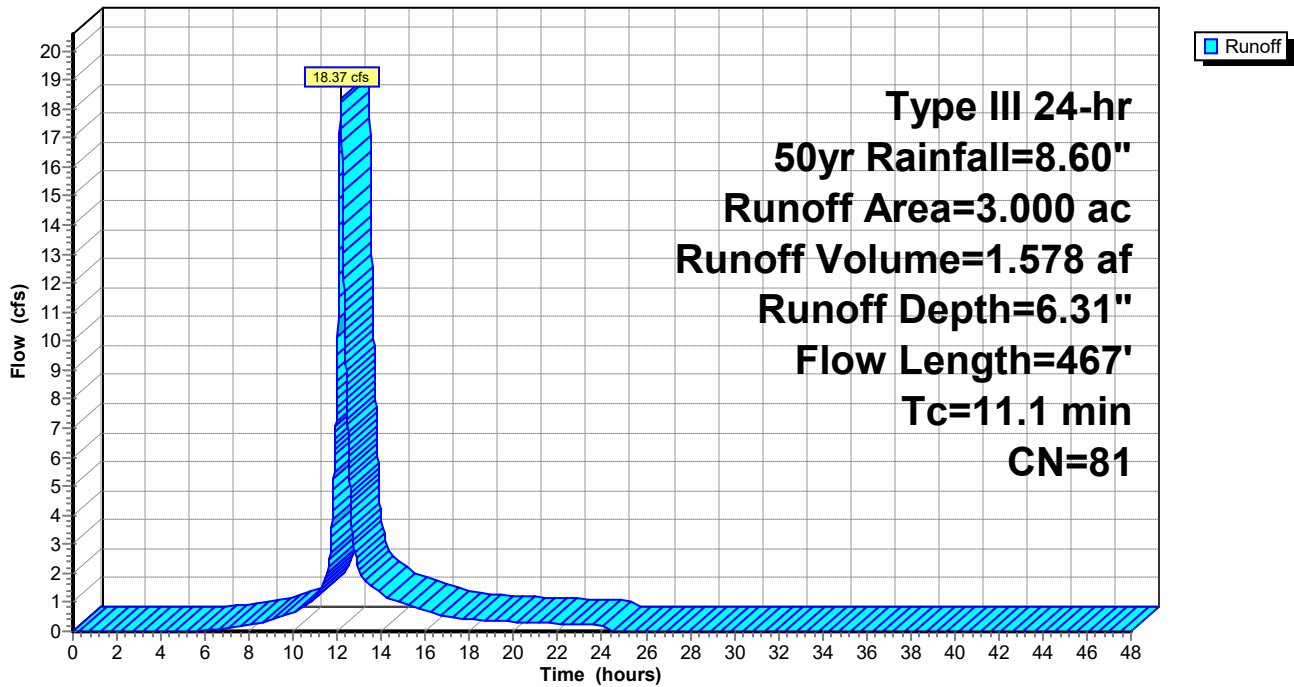
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 50yr Rainfall=8.60"

Area (ac)	CN	Description
1.940	79	Pasture/grassland/range, Fair, HSG C
1.060	84	Pasture/grassland/range, Fair, HSG D
3.000	81	Weighted Average
3.000		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"
4.5	402	0.0100	1.50		Shallow Concentrated Flow, Grassed Waterway Kv= 15.0 fps
11.1	467	Total			

Subcatchment 1Pre: Pre Development Site

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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Summary for Subcatchment 2Post: Post to Detention

Runoff = 23.65 cfs @ 12.07 hrs, Volume= 1.861 af, Depth= 8.24"

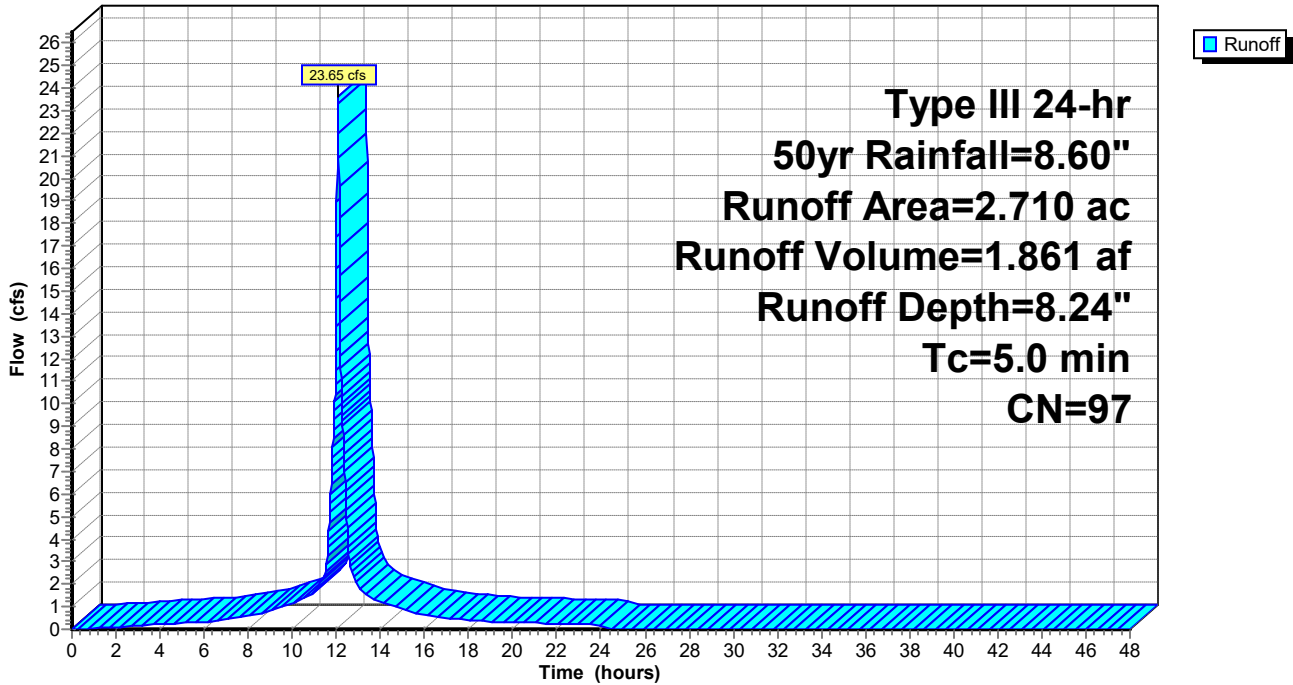
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 50yr Rainfall=8.60"

Area (ac)	CN	Description
0.100	74	>75% Grass cover, Good, HSG C
2.520	98	Paved parking, HSG C
0.090	80	>75% Grass cover, Good, HSG D
2.710	97	Weighted Average
0.190		7.01% Pervious Area
2.520		92.99% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2Post: Post to Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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Summary for Subcatchment 2S: Post Bypass

Runoff = 2.27 cfs @ 12.07 hrs, Volume= 0.161 af, Depth= 6.67"

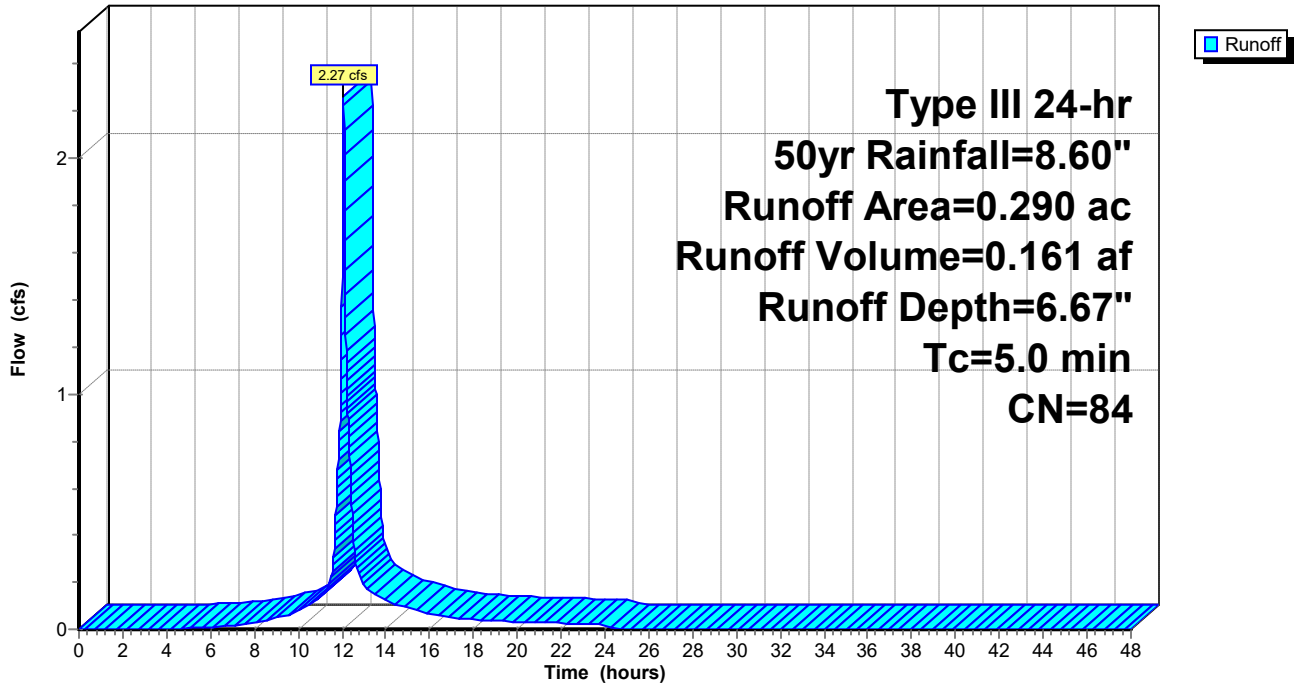
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 50yr Rainfall=8.60"

Area (ac)	CN	Description
0.120	74	>75% Grass cover, Good, HSG C
0.100	98	Paved parking, HSG C
0.070	80	>75% Grass cover, Good, HSG D
0.290	84	Weighted Average
0.190		65.52% Pervious Area
0.100		34.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2S: Post Bypass

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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Summary for Pond 1P: Detention

Inflow Area = 2.710 ac, 92.99% Impervious, Inflow Depth = 8.24" for 50yr event
 Inflow = 23.65 cfs @ 12.07 hrs, Volume= 1.861 af
 Outflow = 16.42 cfs @ 12.14 hrs, Volume= 1.861 af, Atten= 31%, Lag= 4.5 min
 Primary = 16.42 cfs @ 12.14 hrs, Volume= 1.861 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
 Peak Elev= 288.39' @ 12.14 hrs Surf.Area= 0.092 ac Storage= 0.260 af

Plug-Flow detention time= 18.2 min calculated for 1.861 af (100% of inflow)
 Center-of-Mass det. time= 18.2 min (763.2 - 745.1)

Volume	Invert	Avail.Storage	Storage Description
#1A	284.00'	0.138 af	51.42'W x 78.23'L x 5.50'H Field A 0.508 af Overall - 0.164 af Embedded = 0.344 af x 40.0% Voids
#2A	284.75'	0.164 af	ADS_StormTech MC-3500 d +Cap x 63 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 63 Chambers in 7 Rows Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf
		0.301 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	284.00'	15.0" Round Culvert L= 90.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 284.00' / 283.80' S= 0.0022 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf
#2	Primary	286.55'	15.0" Round Culvert L= 90.0' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 286.55' / 285.35' S= 0.0133 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=16.41 cfs @ 12.14 hrs HW=288.38' (Free Discharge)

1=Culvert (Barrel Controls 9.91 cfs @ 8.08 fps)

2=Culvert (Inlet Controls 6.49 cfs @ 5.29 fps)

Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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Pond 1P: Detention - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)

Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf

Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap

Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf

77.0" Wide + 9.0" Spacing = 86.0" C-C Row Spacing

9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +60.0" End Stone x 2 = 78.23' Base Length

7 Rows x 77.0" Wide + 9.0" Spacing x 6 + 12.0" Side Stone x 2 = 51.42' Base Width

9.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.50' Field Height

63 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 7 Rows = 7,135.6 cf Chamber Storage

22,122.8 cf Field - 7,135.6 cf Chambers = 14,987.2 cf Stone x 40.0% Voids = 5,994.9 cf Stone Storage

Chamber Storage + Stone Storage = 13,130.5 cf = 0.301 af

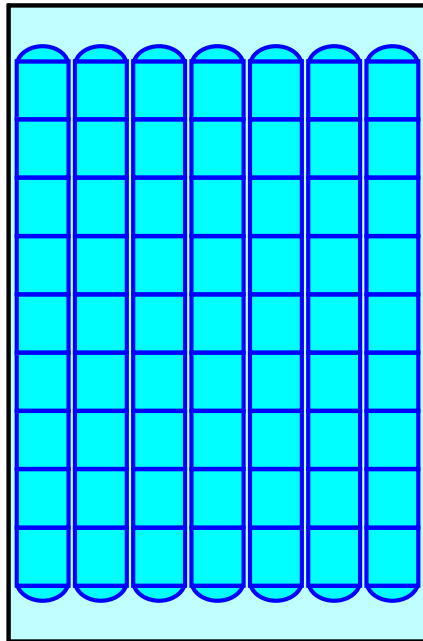
Overall Storage Efficiency = 59.4%

Overall System Size = 78.23' x 51.42' x 5.50'

63 Chambers

819.4 cy Field

555.1 cy Stone



Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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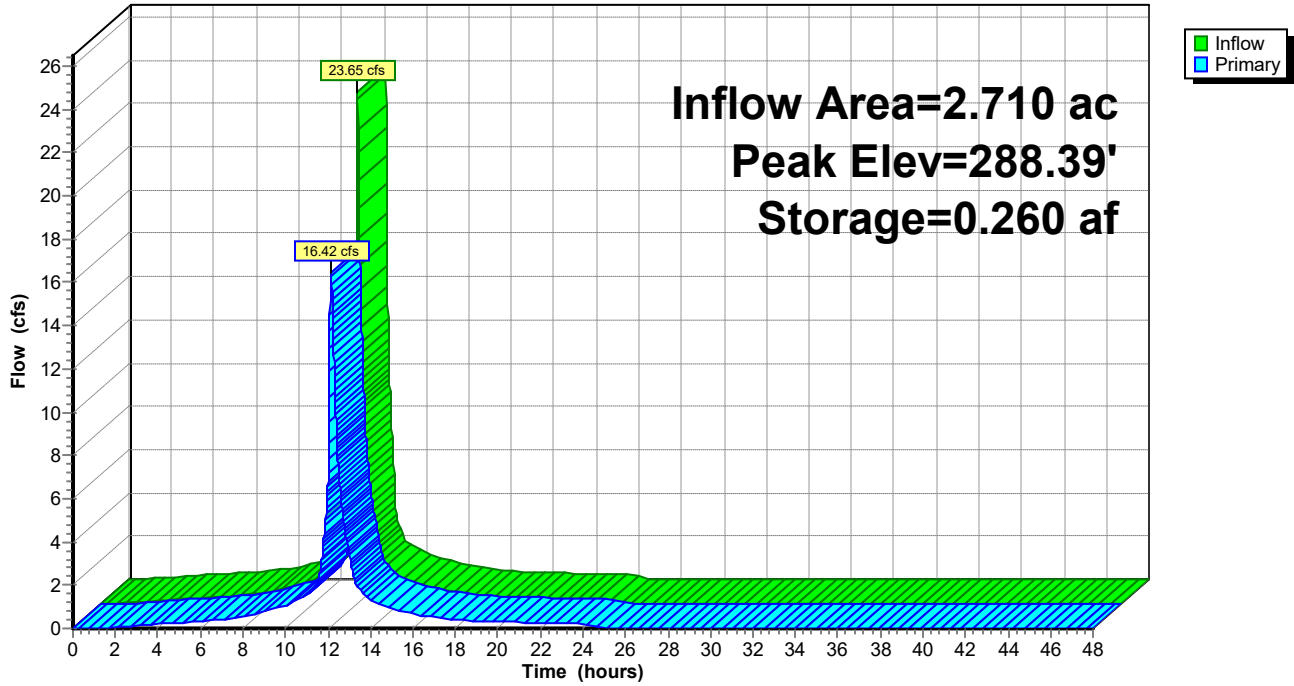
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Pond 1P: Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 50yr Rainfall=8.60"

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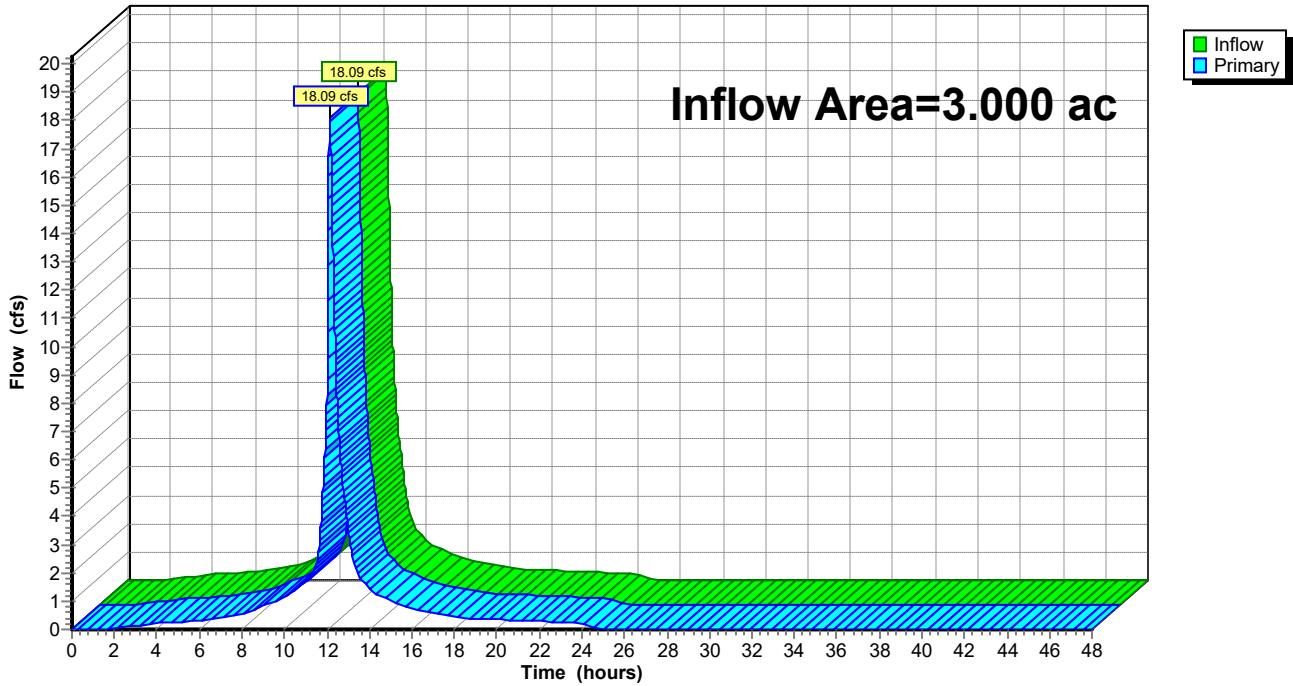
Summary for Link 3L: Post Outfall

Inflow Area = 3.000 ac, 87.33% Impervious, Inflow Depth = 8.09" for 50yr event
Inflow = 18.09 cfs @ 12.13 hrs, Volume= 2.022 af
Primary = 18.09 cfs @ 12.13 hrs, Volume= 2.022 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs

Link 3L: Post Outfall

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 100yr Rainfall=9.40"

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Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 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 1Pre: Pre Development Site Runoff Area=3.000 ac 0.00% Impervious Runoff Depth=7.07"
Flow Length=467' Tc=11.1 min CN=81 Runoff=20.49 cfs 1.768 af

Subcatchment 2Post: Post to Detention Runoff Area=2.710 ac 92.99% Impervious Runoff Depth=9.04"
Tc=5.0 min CN=97 Runoff=25.87 cfs 2.041 af

Subcatchment 2S: Post Bypass Runoff Area=0.290 ac 34.48% Impervious Runoff Depth=7.45"
Tc=5.0 min CN=84 Runoff=2.52 cfs 0.180 af

Pond 1P: Detention Peak Elev=288.87' Storage=0.278 af Inflow=25.87 cfs 2.041 af
Outflow=18.32 cfs 2.041 af

Link 3L: Post Outfall Inflow=20.20 cfs 2.221 af
Primary=20.20 cfs 2.221 af

Total Runoff Area = 6.000 ac Runoff Volume = 3.989 af Average Runoff Depth = 7.98"
56.33% Pervious = 3.380 ac 43.67% Impervious = 2.620 ac

Gluckstadt Retial STM MC-3500

Type III 24-hr 100yr Rainfall=9.40"

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Summary for Subcatchment 1Pre: Pre Development Site

Runoff = 20.49 cfs @ 12.15 hrs, Volume= 1.768 af, Depth= 7.07"

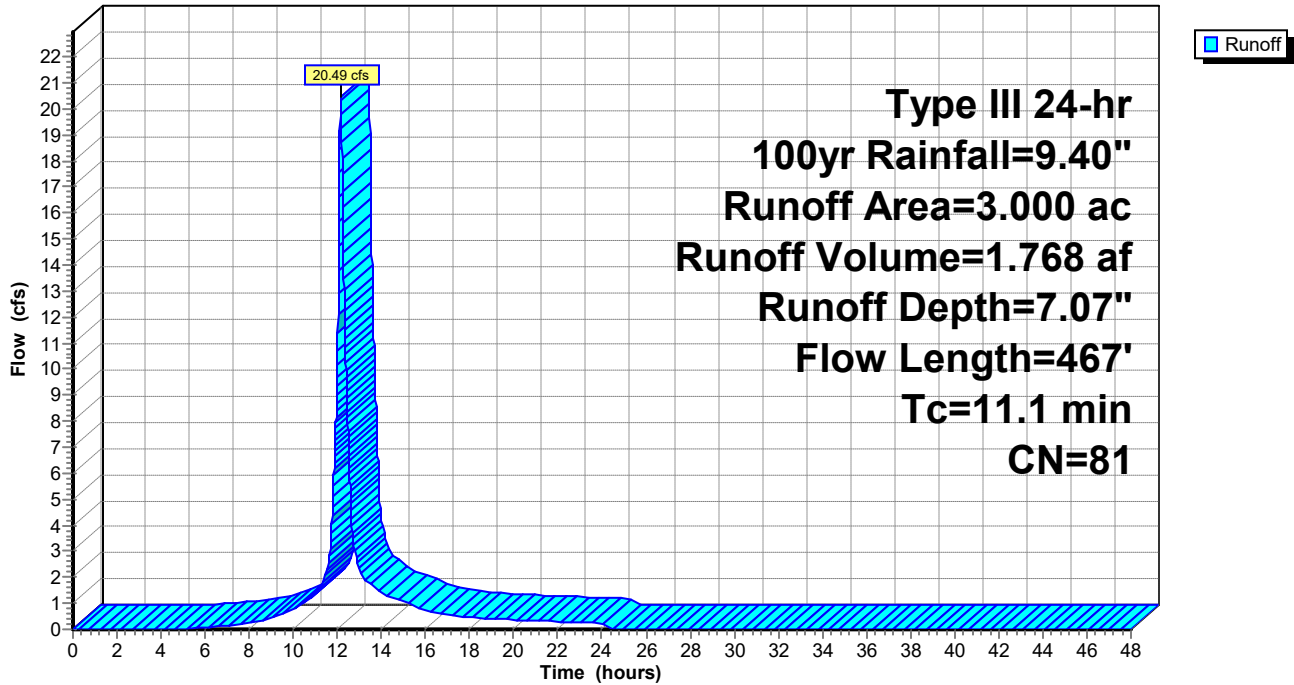
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100yr Rainfall=9.40"

Area (ac)	CN	Description
1.940	79	Pasture/grassland/range, Fair, HSG C
1.060	84	Pasture/grassland/range, Fair, HSG D
3.000	81	Weighted Average
3.000		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"
4.5	402	0.0100	1.50		Shallow Concentrated Flow, Grassed Waterway Kv= 15.0 fps
11.1	467	Total			

Subcatchment 1Pre: Pre Development Site

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 100yr Rainfall=9.40"

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Summary for Subcatchment 2Post: Post to Detention

Runoff = 25.87 cfs @ 12.07 hrs, Volume= 2.041 af, Depth= 9.04"

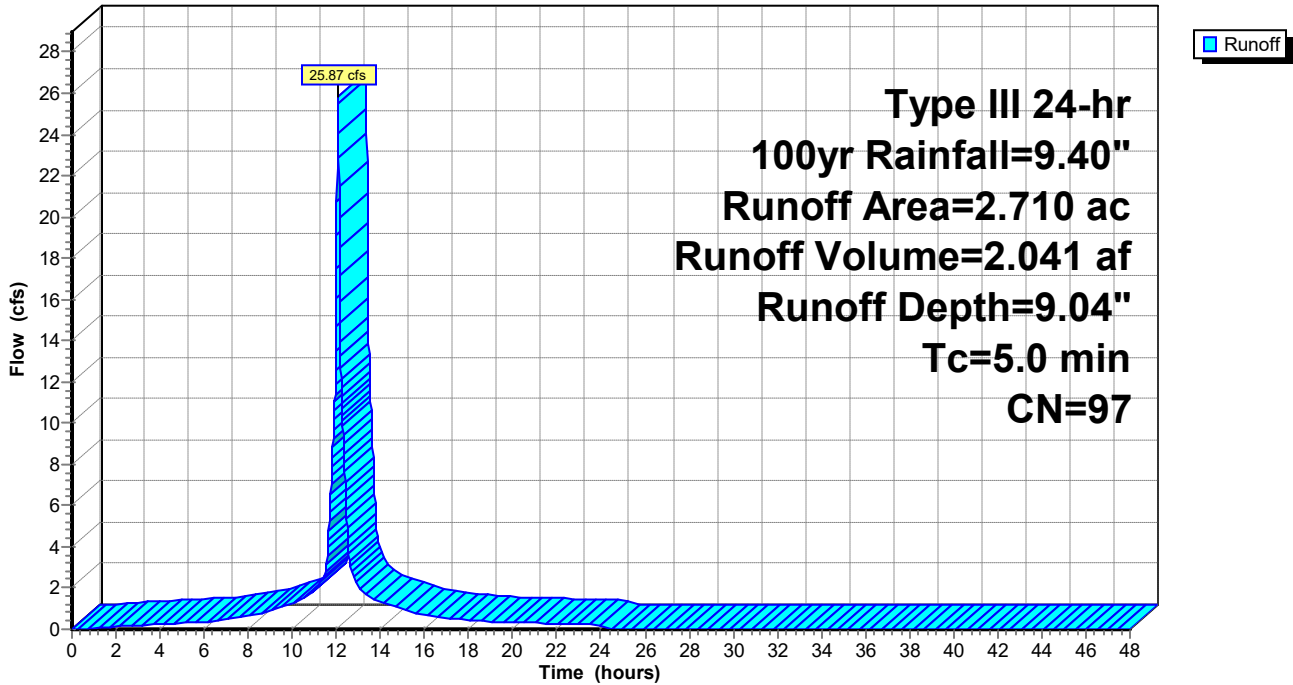
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100yr Rainfall=9.40"

Area (ac)	CN	Description
0.100	74	>75% Grass cover, Good, HSG C
2.520	98	Paved parking, HSG C
0.090	80	>75% Grass cover, Good, HSG D
2.710	97	Weighted Average
0.190		7.01% Pervious Area
2.520		92.99% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2Post: Post to Detention

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 100yr Rainfall=9.40"

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Summary for Subcatchment 2S: Post Bypass

Runoff = 2.52 cfs @ 12.07 hrs, Volume= 0.180 af, Depth= 7.45"

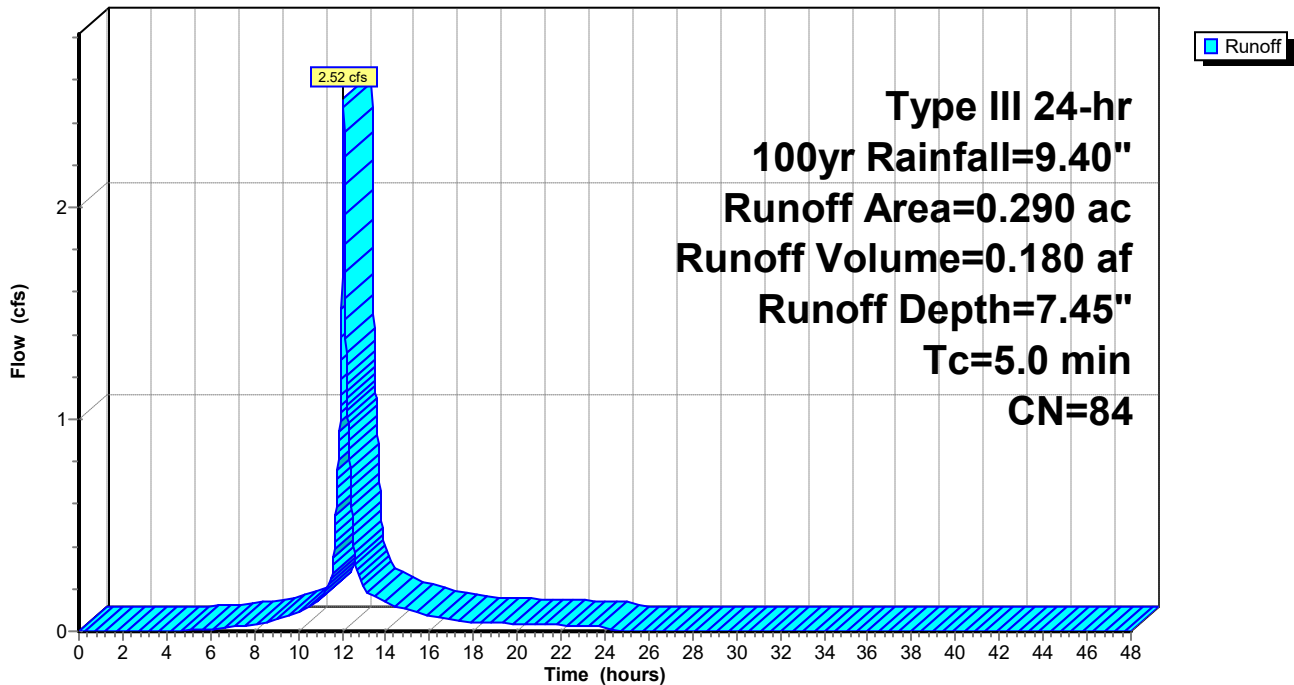
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100yr Rainfall=9.40"

Area (ac)	CN	Description
0.120	74	>75% Grass cover, Good, HSG C
0.100	98	Paved parking, HSG C
0.070	80	>75% Grass cover, Good, HSG D
0.290	84	Weighted Average
0.190		65.52% Pervious Area
0.100		34.48% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry,

Subcatchment 2S: Post Bypass

Hydrograph



Gluckstadt Retial STM MC-3500

Type III 24-hr 100yr Rainfall=9.40"

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Summary for Pond 1P: Detention

Inflow Area = 2.710 ac, 92.99% Impervious, Inflow Depth = 9.04" for 100yr event
 Inflow = 25.87 cfs @ 12.07 hrs, Volume= 2.041 af
 Outflow = 18.32 cfs @ 12.14 hrs, Volume= 2.041 af, Atten= 29%, Lag= 4.3 min
 Primary = 18.32 cfs @ 12.14 hrs, Volume= 2.041 af

Routing by Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
 Peak Elev= 288.87' @ 12.14 hrs Surf.Area= 0.092 ac Storage= 0.278 af

Plug-Flow detention time= 17.7 min calculated for 2.041 af (100% of inflow)
 Center-of-Mass det. time= 17.6 min (761.3 - 743.7)

Volume	Invert	Avail.Storage	Storage Description
#1A	284.00'	0.138 af	51.42"W x 78.23"L x 5.50"H Field A 0.508 af Overall - 0.164 af Embedded = 0.344 af x 40.0% Voids
#2A	284.75'	0.164 af	ADS_StormTech MC-3500 d +Cap x 63 Inside #1 Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap 63 Chambers in 7 Rows Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf
		0.301 af	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	284.00'	15.0" Round Culvert L= 90.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 284.00' / 283.80' S= 0.0022 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf
#2	Primary	286.55'	15.0" Round Culvert L= 90.0' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 286.55' / 285.35' S= 0.0133 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=18.31 cfs @ 12.14 hrs HW=288.87' (Free Discharge)

1=Culvert (Barrel Controls 10.61 cfs @ 8.65 fps)

2=Culvert (Inlet Controls 7.69 cfs @ 6.27 fps)

Gluckstadt Retial STM MC-3500

Type III 24-hr 100yr Rainfall=9.40"

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Pond 1P: Detention - Chamber Wizard Field A

Chamber Model = ADS_StormTech MC-3500 d +Cap (ADS StormTech® MC-3500 d rev 03/14 with Cap volume)

Effective Size= 70.4"W x 45.0"H => 15.33 sf x 7.17'L = 110.0 cf

Overall Size= 77.0"W x 45.0"H x 7.50'L with 0.33' Overlap

Cap Storage= +14.9 cf x 2 x 7 rows = 208.6 cf

77.0" Wide + 9.0" Spacing = 86.0" C-C Row Spacing

9 Chambers/Row x 7.17' Long +1.85' Cap Length x 2 = 68.23' Row Length +60.0" End Stone x 2 = 78.23' Base Length

7 Rows x 77.0" Wide + 9.0" Spacing x 6 + 12.0" Side Stone x 2 = 51.42' Base Width

9.0" Base + 45.0" Chamber Height + 12.0" Cover = 5.50' Field Height

63 Chambers x 110.0 cf + 14.9 cf Cap Volume x 2 x 7 Rows = 7,135.6 cf Chamber Storage

22,122.8 cf Field - 7,135.6 cf Chambers = 14,987.2 cf Stone x 40.0% Voids = 5,994.9 cf Stone Storage

Chamber Storage + Stone Storage = 13,130.5 cf = 0.301 af

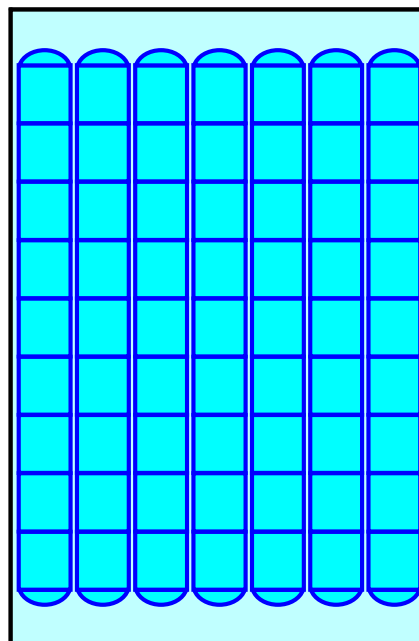
Overall Storage Efficiency = 59.4%

Overall System Size = 78.23' x 51.42' x 5.50'

63 Chambers

819.4 cy Field

555.1 cy Stone



Gluckstadt Retial STM MC-3500

Type III 24-hr 100yr Rainfall=9.40"

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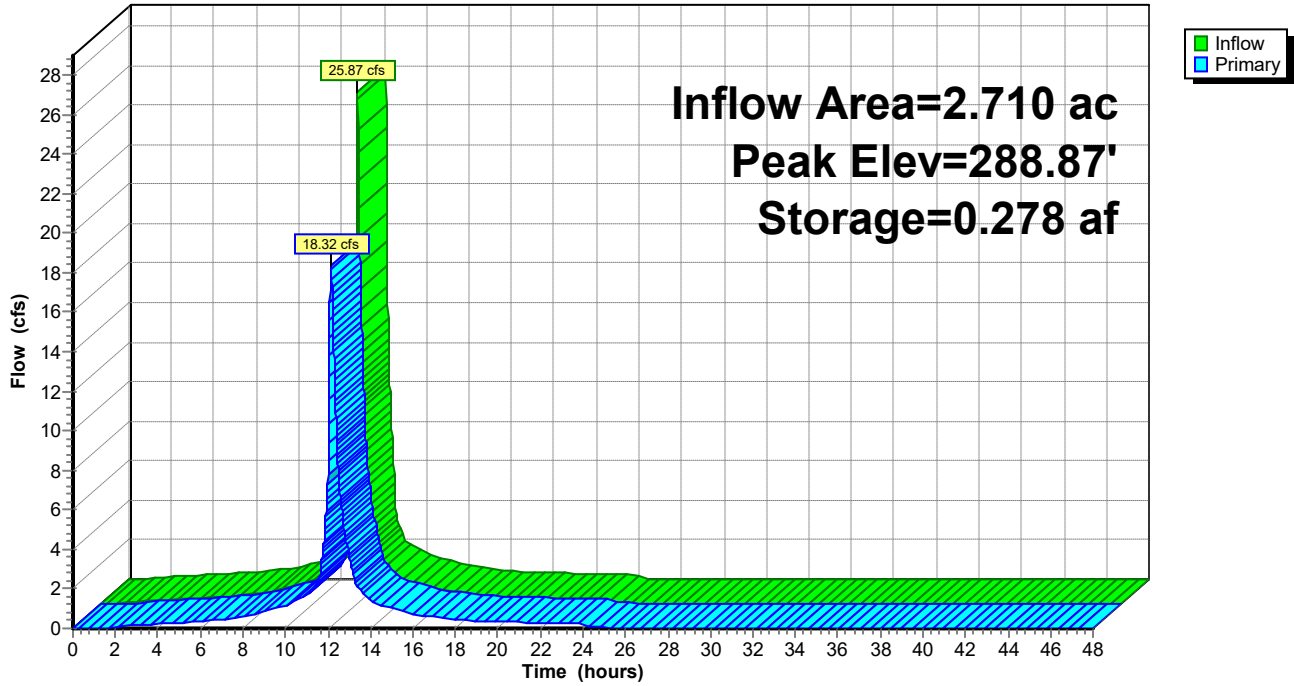
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Pond 1P: Detention

Hydrograph



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Type III 24-hr 100yr Rainfall=9.40"

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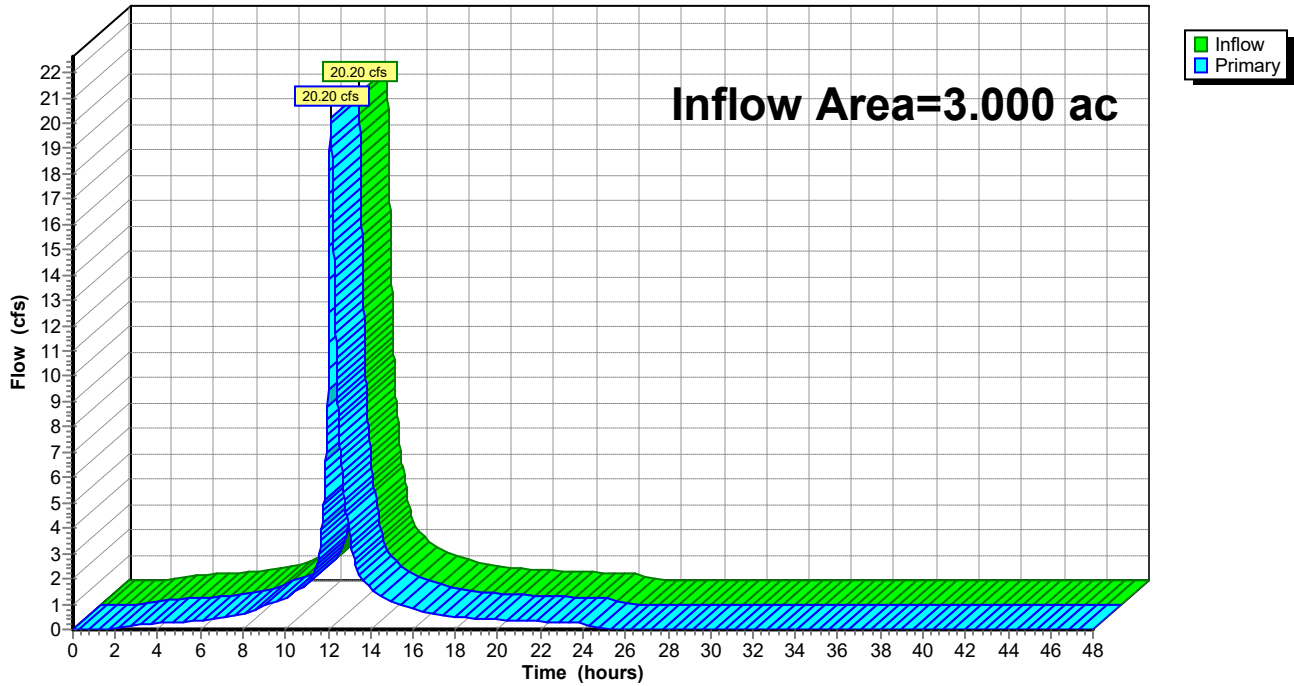
Summary for Link 3L: Post Outfall

Inflow Area = 3.000 ac, 87.33% Impervious, Inflow Depth = 8.88" for 100yr event
Inflow = 20.20 cfs @ 12.13 hrs, Volume= 2.221 af
Primary = 20.20 cfs @ 12.13 hrs, Volume= 2.221 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs

Link 3L: Post Outfall

Hydrograph



207 Dees Place
REQUEST FOR DIMENSIONAL VARIANCE
APPLICATION

Subject Property Address: Lot 12 Parcel # 082H-28-002/14.00

Owner: BDP Group LLC Applicant: Candlewood Suites

Address: 321 Pinehurst Cir Address: Dees Dr.
Ridgeland MS 39157

Phone No. (601) 672-1110 Phone No. _____

Current Zoning District: C-2

Requirements of Applicant:

1. Letter stating reason for requested dimensional variance.
2. Copy of the written legal description.
3. Site plan, building elevations and floor plan drawings on 8.5" x 11".
4. Four complete sets of working plans.
5. Proposed signage to include color and size.
6. \$250.00 fee required for processing.

Requirements for Granting Variances: (Section 3004.01 – Zoning Ordinance)

- (a). Applicant shall demonstrate that special conditions and circumstances exist which are peculiar to the land, structure or building involved and which are not applicable to other lands, structures or buildings in the same district.
- (b). Applicant shall demonstrate that literal interpretation of the provisions of this Ordinance would deprive the applicant of rights commonly enjoyed by other properties in the same district under terms of this Ordinance.
- (c). Applicant shall demonstrate that granting the variance will not confer on the applicant any special privilege that is denied by this Ordinance to other lands, structures or buildings in the same district.

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

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

By signing this application, it is understood and agreed that permission is given to the Zoning Administrator to have a sign erected on subject property, giving notice to the public that said property is being considered for a dimensional variance.

[Signature]
Applicant Signature

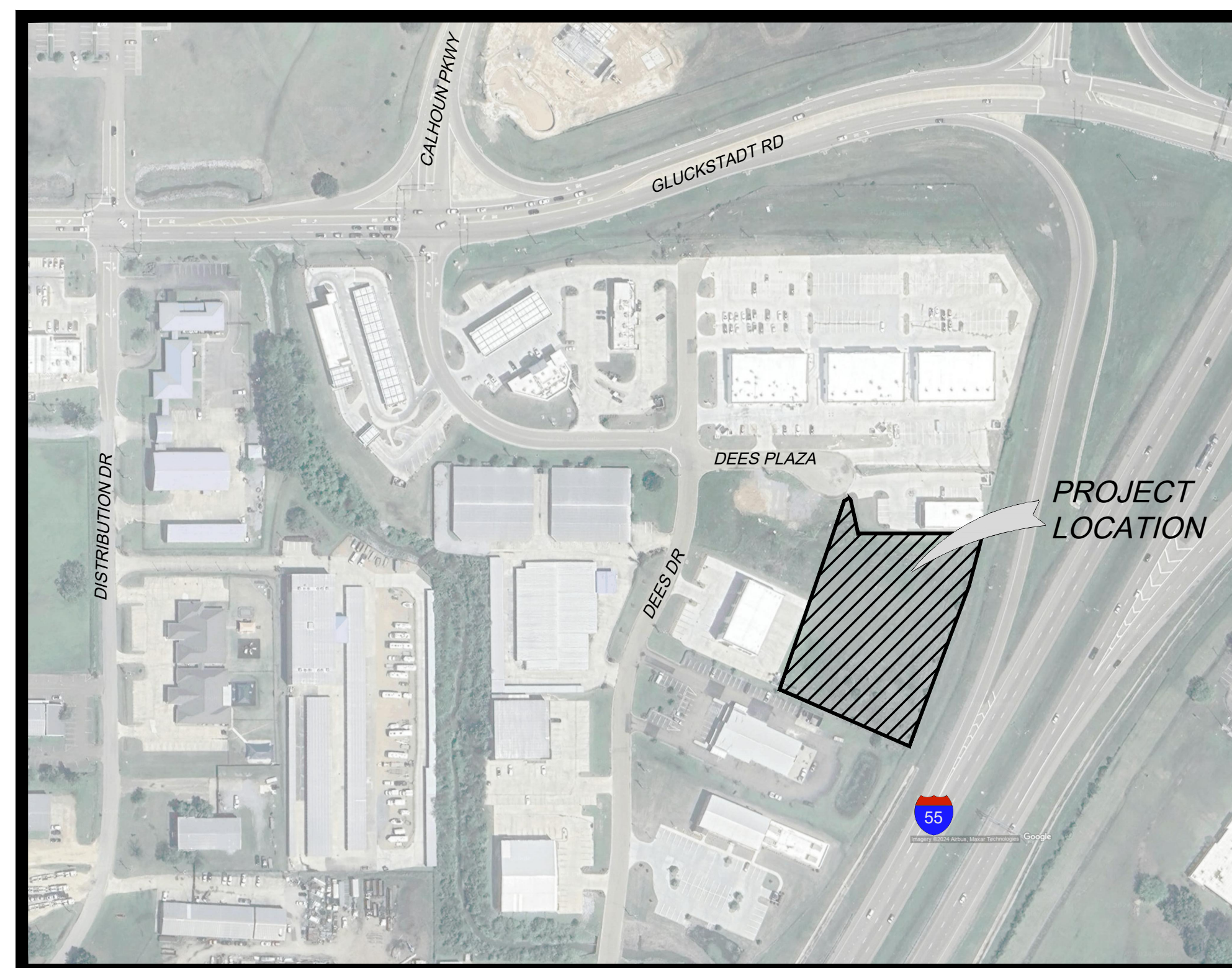
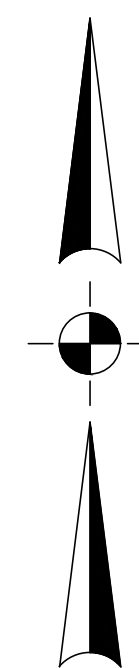
10/16/23
Date

Property Owner Signature

Date

CONSTRUCTION PLANS FOR: CANDLEWOOD SUITES

LOCATION:
DEEZ PLAZA
MADISON COUNTY, MISSISSIPPI
APRIL 2024

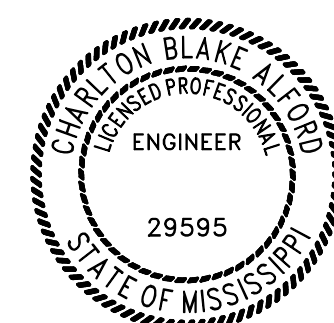


VICINITY MAP

DRAWING INDEX

CONTENTS	SHEET NO.
COVER	1
GENERAL CONSTRUCTION NOTES	2
TYPICAL SECTION & MISCELLANEOUS DETAILS	3
SITE PLAN	4
WATER & SEWER LAYOUT	5
GRADING PLAN	6
STORM DRAIN LAYOUT	7
EROSION CONTROL LAYOUT	8
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FOR REVIEW AND APPROVAL



Charlton B. Alford

Charlton B. Alford, P.E.
Mississippi License No. 29595

4/5/2024

Date

Equipment, materials and construction of all improvements required in these plans shall be in accordance with these construction drawings & project specifications.

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SHEET NUMBER
1 of 16

PROJECT NUMBER
B-7302

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PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES

SHEET CONTENTS:
GENERAL CONSTRUCTION NOTES

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B-7302

GENERAL CONSTRUCTION NOTES:

- IT IS NOT THE INTENT OF THESE CONSTRUCTION DRAWINGS, NOTES OR DETAILS TO COVER ALL OF THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO READ THE PROJECT SPECIFICATIONS AND BE FAMILIAR WITH THE MATERIALS REQUIRED, INSTALLATION OF SUCH, REQUIRED TESTING, AND AN ALL ITEMS NECESSARY FOR THE COMPLETE INSTALLATION OF THE WORK REQUIRED IN THESE PLANS.
- ALL ELEMENTS AND ITEMS NEEDED FOR THE COMPLETE INSTALLATION OF THE IMPROVEMENTS SHOWN IN THESE PLANS THAT ARE NOT SHOWN AS A SEPARATE PAY ITEM SHALL BE INCLUDED IN THE ABSORBED COST OF THE CONTRACTOR'S BID.
- THE LATEST STANDARD DETAIL DRAWINGS AND STANDARD SPECIFICATIONS OF ROAD AND BRIDGE CONSTRUCTION ADOPTED BY MDOT SHALL APPLY TO ALL MATERIALS, CONSTRUCTION METHODS, PROCEDURES AND ITEMS SHOWN ON THESE PERMIT DRAWINGS, UNLESS OTHERWISE NOTED HEREIN.
- ALL EXISTING ROADWAY SIGNS AND OTHER OBSTRUCTIONS LOCATED WITHIN THE LIMITS OF THE PROJECT SITE WILL BE REMOVED AS REQUIRED BY CONSTRUCTION AND REPLACED AS NEEDED TO MAINTAIN PUBLIC SAFETY AT LOCATION AS DIRECTED BY ENGINEER.
- CONTRACTOR SHALL PROVIDE REASONABLE ACCESS TO ALL PROPERTIES IN THE PROJECT AREA THROUGHOUT CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED UNDER AND CLOSINGS WILL BE ALLOWED. NO WORK REQUIRING LANE CLOSURES SHALL BE ALLOWED ON WEEKDAYS BETWEEN 7:15 – 8:30 AM AND 4:30 – 6:00 PM.
- CONTRACTOR SHALL COMPLY WITH TRAFFIC CONTROL DETAILS SHOWN IN THESE PLANS, REQUIREMENTS AND DETAILS SHOWN IN LATEST EDITION OF MUTCD, AND PER MDOT STANDARD DETAILS AS THEY APPLY SHOULD THEY NOT BE SHOWN IN PLANS FOR A PARTICULAR SITUATION.
- ELEVATION DIFFERENCE BETWEEN LANES SHALL NOT EXCEED 3" AT THE END OF EACH WORK DAY.
- CONTRACTOR SHALL INSTALL TRAFFIC CONTROL DEVICES SUCH AS SIGNS, CONES, DRUMS, FLASHERS, BARRICADES, ETC. TO SAFELY CHANNEL OR DIRECT TRAFFIC. WHEN NECESSARY, FLAGGERS SHALL BE USED IN CONJUNCTION WITH TRAFFIC CONTROL DEVICES. FLAGGER AHEAD SIGN REQUIRED IN ADVANCE OF FLAGGERS' EXCEPT DURING BRIEF PERIODS AND EMERGENCY SITUATIONS. THESE ARE MINIMUM REQUIREMENTS AND IN NO WAY RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO MAINTAIN TRAFFIC IN A SAFE MANNER.
- TRAFFIC CONTROL DEVICES SHALL BE INSTALLED WHENEVER NECESSARY TO MAINTAIN A SAFE TRAFFIC FLOW AND SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED FOR SUCH. MUST BE REMOVED IMMEDIATELY THEREAFTER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTAL ITEMS NEEDED TO PROVIDE ADEQUATE CONSTRUCTION SIGNING, BARRICADES, TRAFFIC CONTROL DEVICES AND OTHER RELATED ITEMS FOR THE PROJECT AREA, DURING THE CONSTRUCTION PERIOD. MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL WORK REQUIRED FOR TRAFFIC CONTROL SHALL BE PAID FOR IN THE "TRAFFIC CONTROL" PAY ITEM BASED ON ESTIMATED COMPLETION PERCENTAGE OF PAY ITEM.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SUPPLIES REQUIRED TO SAFELY, SHARPLY AND ACCEPTABLY COMPLETE THE WORK IN A TIMELY MANNER. ALL WORK AND CONSTRUCTION PROCEDURES ARE SUBJECT TO APPROVAL OF THE ENGINEER/OWNER. THE CONTRACTOR WILL BE EXPECTED TO PROGRESS DILIGENTLY AND CONSISTENTLY IN THEIR ACTIVITIES AND OPERATION ON ALL WORKING DAYS WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE THEREFOR.
- THE CONTRACTOR SHALL WARRANT HIS WORKMANSHIP AND MATERIALS AS REQUIRED IN THE PROJECT SPECIFICATIONS.
- ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL EXISTING UTILITIES (POWER, TELEPHONE, GAS, WATER, SEWER, ETC.) LOCATED IN THE PROJECT AREA PRIOR TO CONSTRUCTION AND COMPARE HIS FINDINGS AGAINST THE PROPOSED IMPROVEMENTS REQUIRED IN THESE PLANS. SHOULD ANY DISCREPANCIES BE FOUND BETWEEN THE EXISTING CONDITIONS AND PROPOSED IMPROVEMENTS THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN WRITING AND AWAIT FURTHER INSTRUCTION.
- THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE UTILITY OWNER BY THE CONTRACTOR. THIS INCLUDES ALL SERVICE LATERALS OF ANY KIND.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE INTEGRITY AND OPERATIONS OF ALL ABOVE AND BELOW GROUND UTILITY FACILITIES AT ALL TIMES. THE CONTRACTOR SHALL CONDUCT ITS ACTIVITIES AND OPERATIONS TO INSURE THE FUNCTIONAL INTEGRITY OF EACH UTILITY FACILITY LOCATED WITHIN THE WORK SITE. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY AT NO COST TO THE OWNER.
- THE CONTRACTOR IS REQUIRED BY LAW TO NOTIFY MISSISSIPPI ONE CALL @ 811 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO LOCATE ALL EXISTING UTILITIES ON SITE.
- THE CONTRACTOR WILL NOT BE RESPONSIBLE FOR DEMOLISHING OR REMOVING ANY EXISTING ABOVE OR BELOW GROUND TELEPHONE, CABLE, POWER, OR GAS LINES BUT SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ALL LOCAL UTILITY COMPANIES.
- THE CONTRACTOR SHALL VERIFY ALL SHOWN DIMENSIONS AND ELEVATIONS (EXISTING AND PROPOSED) IN THE FIELD AND SHALL SATISFY HIMSELF AS TO THE ACCURACY BETWEEN WORK SET FORTH ON THESE PLANS AND THE WORK REQUIRED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL MARK THE CONSTRUCTION LIMITS AND REVIEW WITH THE ENGINEER/OWNER PRIOR TO PERFORMING ANY CLEARING OPERATIONS.
- THE CONTRACTOR SHALL CAREFULLY PROTECT AND PRESERVE ALL SURVEY MARKERS OR MONUMENTS ENCOUNTERED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL UTILIZE TEMPORARY FENCING AS REQUIRED BY LOCAL, STATE AND FEDERAL CODES TO PROTECT AND INSURE A SAFE WORK AREA.
- ALL MATERIAL THAT IS CONSIDERED UNSUITABLE FOR FILL MATERIAL SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR EITHER ON-SITE OR OFF-SITE AS REQUIRED BY PLANS, SPECS OR ENGINEER.
- THE CONTRACTOR SHALL ESTABLISH A VEGETATIVE COVER (TEMPORARY AND/OR PERMANENT) AS NOTED ON THE DRAWINGS AND/OR IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS ON ALL AREAS WHERE THE EXISTING VEGETATION WAS REMOVED OR DISTURBED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO MATCH PRE-CONSTRUCTION CONDITION OR BETTER PRIOR TO COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL PLACE ALL EXCAVATED MATERIAL IN LOCATIONS TO PREVENT EROSION INTO DRAINAGE-WAYS. ALL AREAS DISTURBED BY EXCAVATED MATERIAL SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
- ALL EXCAVATIONS ARE TO BE BACKFILLED AT THE END OF EACH WORK DAY.
- ALL FENCING, SIDEWALKS, CURBS, FLOWER BEDS, PLANTERS, ETC. THAT IS DAMAGED DURING CONSTRUCTION WILL BE REPLACED AND RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL KEEP EQUIPMENT AND OPERATOR ON SITE AS NECESSARY TO KEEP ROADWAYS ADJACENT TO THE PROJECT SITE CLEAN OF MUD AND ANY OTHER MATERIAL. TRANSPORT ALL EQUIPMENT AND MATERIAL AS REQUIRED BY ANY AGENCY HAVING JURISDICTION OVER ANY ROAD USE THEREOF. ALL CLEANING AND MAINTENANCE SHALL BE AN ABSORBED COST.
- THE CONTRACTOR SHALL CAREFULLY REMOVE, STORE AND REINSTALL ALL CITY/COUNTY/STATE OWNED SIGNS WHOSE REMOVAL IS REQUIRED BY HIS CONSTRUCTION WORK IN THE PROJECT AREA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR THE APPROPRIATE AGENCY TO INSPECT ALL SIGNS SCHEDULED TO BE REMOVED PRIOR TO THEIR REMOVAL. ONCE SAVED SIGNS HAVE BEEN REMOVED, IT WILL BE ASSUMED THAT THEY WERE IN GOOD CONDITION AT THE TIME OF REMOVAL. ANY SIGNS DAMAGED OR LOST BY THE CONTRACTOR SHALL BE REPLACED AT NO COST TO THE APPROPRIATE AGENCY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY AND ALL EXISTING STRUCTURES NECESSARY FOR COMPLETION OF WORK DESCRIBED IN THESE PLANS UNLESS OTHERWISE NOTED.
- ALL GRADING WORK SHALL BE PERFORMED IN A MANNER TO PROMOTE POSITIVE DRAINAGE AND KEEP THE EXISTING DRAINAGE PATTERNS. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.
- CONTRACTOR SHALL PERFORM GRADING WORK IN A MANNER THAT WILL NOT ADVERSELY AFFECT ADJACENT PROPERTY OWNERS.
- NO ACTIVITY REQUIRED FOR THE ACCOMPLISHMENT OF THE WORK IS TO BE PERFORMED WHEN SOIL CONDITIONS ARE NOT CONDUCIVE THEREFOR.
- CONTRACTOR SHALL CONDUCT ITS OPERATIONS AND ACTIVITIES IN SUCH A MANNER AS TO MINIMIZE THE EROSION OF SOILS AND THE DEPOSITION OF SEDIMENTS INTO EXISTING DRAINAGE COURSES DOWNSTREAM OF PROJECT WORK SITE OR ONTO ADJACENT PROPERTIES.
- PRIOR TO SUBMISSION OF ITS BID THE CONTRACTOR SHALL REVIEW THESE PLANS, THE ESTIMATED QUANTITIES FOR THE PRINCIPAL ITEMS OF WORK ON WHICH PAYMENT IS TO BE BASED, PROJECT SPECIFICATIONS AND ANY OTHER DOCUMENTS REFERENCED HEREIN. SUBMISSION OF ITS BID SHALL BE DEEMED A POSITIVE INDICATION THAT THE CONTRACTOR FOUND ALL OF SAME ADEQUATE FOR SUBMISSION OF A UNIT PRICE BID AND FOR INSTALLATION AND/OR CONSTRUCTION OF THE WORK.
- STATIONING AND LENGTHS SHOWN (STREET AND UTILITY) IS HORIZONTAL STATIONING MEASURED ON A LEVEL PLANE. ACTUAL LENGTH SHALL BE DETERMINED BY MEASUREMENT ALONG THE SLOPE OR CURVE.
- THE CONTRACTOR SHALL PROCURE ALL REQUIRED PERMITS AND LICENSES; PAY ALL FEES, CHARGES AND TAXES (INCLUDING SALES AND USE TAXES); GIVE ALL REQUIRED NOTICES; MAINTAIN AN ORDERLY AND SAFE FLOW OF TRAFFIC; MAINTAIN PROPER STORMWATER DRAINAGE; LOCATE AND AVOID DISRUPTING ALL EXISTING UTILITIES; TRANSPORT ALL EQUIPMENT AND MATERIAL AS REQUIRED BY ANY AGENCY HAVING JURISDICTION OVER ANY ROAD USE THEREOF; TRANSPORT, HANDLE AND INSTALL ALL MATERIALS IN ACCORDANCE WITH THEIR RESPECTIVE MANUFACTURER'S RECOMMENDATIONS AND PROJECT SPECIFICATIONS; PROPERLY BACKFILL ALL TRENCHES AND EXCAVATIONS; MAINTAIN A CLEAN AND ORDERLY WORK SITE; PROMPTLY REMOVE ALL EQUIPMENT, DEBRIS AND EXCESS SOILS AND/OR MATERIALS ON COMPLETION OF THE WORK; AND RESTORE TO SUBSTANTIALLY THE SAME OR BETTER CONDITIONS ALL DISTURBED PAVEMENTS AND GROUND SURFACES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING A LOCATION TO SERVE AS HIS LAY DOWN YARD. ANY COSTS ASSOCIATED WITH SUCH SHALL BE AN ABSORBED COST.
- A MATERIALS TESTING COMPANY PROVIDED BY THE OWNER SHALL PERFORM INSPECTIONS, PROOF ROLLS AND TESTING ON EARTHWORK, CONCRETE AND OTHER MATERIALS ASSOCIATED WITH THE PROJECT ON THE OWNER'S BEHALF TO CONFIRM THAT THE PROJECT SPECIFICATIONS ARE BEING MET. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE HIS PROGRESS WITH SAID TESTING AGENCY SO THAT THEY ARE ABLE TO SCHEDULE REQUIRED TESTING.
- ANY MATERIALS OR WORKMANSHIP THAT DOES NOT MEET SPECIFICATION SHALL BE REJECTED, REMOVED, AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- CONSTRUCTION LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AN ABSORBED COST. ENGINEER SHALL PROVIDE CONTRACTOR WITH CAD DRAWINGS CONTAINING LINEWORK THAT CONTRACTOR CAN USE AT HIS OWN RISK TO PREPARE CONSTRUCTION LAYOUT POINTS AND PERFORM OTHER TASKS AS NEEDED. TO RECEIVE CAD DRAWING, CONTRACTOR SHALL BE REQUIRED TO SIGN AND RETURN A RELEASE FORM PROVIDED BY ENGINEER RELEASING ENGINEER OF ANY LIABILITY FROM CONTRACTOR'S USE OF PROVIDED CAD FILE. CAD DRAWING WILL NOT BE A 3D MODEL.
- ELEVATIONS ARE BASED ON M.S.L. DATUM (NAVD 88).
- CONTRACTOR OWNER WITH PROJECT RECORD DOCUMENTS AS REQUIRED IN SPECIFICATION SECTION 01720 WHICH SHALL INCLUDE BUT NOT BE LIMITED TO AS-BUILT RECORD DRAWINGS AND AS-BUILT SURVEY.
- ALL DETAIL DRAWINGS INCLUDED IN THESE PLANS SHALL BE CONSIDERED NOT TO SCALE UNLESS OTHERWISE NOTED.
- ALL GRAPHIC SCALES AND REFERENCES TO DRAWING SCALE IN THESE PLANS ARE BASED ON THE DRAWINGS BEING PRINTED ON A 24"x36" SHEET.

WATER & SEWER SYSTEM NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE ALL THE MATERIALS AND APPURTENANCES NECESSARY FOR THE COMPLETE INSTALLATION OF THE WATER AND SEWER SYSTEMS INFRASTRUCTURE SHOWN IN THESE PLANS.
- THE CONTRACTOR SHALL MAKE ALL TIES TO EXISTING UTILITIES AND COORDINATE THEM WITH THE GOVERNING UTILITY AUTHORITY.
- ALL MANHOLES, FIRE HYDRANTS, VALVE LOCATIONS, LOT AREA SHALL BE ADJUSTED TO PROPER LINE AND FINISHED GRADE BY THE CONTRACTOR AFTER PLACING OF PAVEMENT AND BEFORE FINAL ACCEPTANCE.
- TRENCHING AND EMBEDMENT WORK SHALL CONFORM TO THE PROJECT SPECIFICATION SECTION 02230, EXCAVATION AND BACKFILL FOR CONDUITS AND STRUCTURES AND SHALL FOLLOW THE TYPICAL CROSS-SECTION DETAIL FOR TRENCHING. UNLESS SPECIFIED OTHERWISE, BACKFILL MATERIAL SHALL BE COMPACTED TO 96% DENSITY OF STANDARD PROCTOR IN ACCORDANCE WITH ASTM D-698. ALL BACKFILL MATERIAL SHALL BE COMPACTED IN 6" LAYERS.
- THE END OF WATER AND SEWER SERVICE LINES SHALL BE TIGHTLY CAPPED OR PLUGGED AND MARKED UNTIL SUCH TIME AS SERVICE CONNECTIONS ARE MADE OR LINES OR EXTENDED.
- ALL WATER AND SANITARY SEWER LINES SHALL BE INSTALLED WITH A MINIMUM OF THREE FEET (3') OF COVER OVER THE TOP OF THE PIPE AT FINISHED GRADE OR AS SHOWN OR NOTED OTHERWISE. WHERE INSTALLED IN A ROADWAY SECTION THE MINIMUM COVER OVER THE TOP OF THE PIPE SHALL BE FOUR FEET (4'). BACKFILLING OF TRENCHES SHALL MEET THE PROJECT SPECIFICATIONS.
- WATER LINE SHALL BE INSTALLED TO MAINTAIN A MINIMUM CLEARANCE OF 12" BELOW OR ABOVE EXISTING OR PROPOSED STORM DRAIN PIPING AND STRUCTURES THAT ARE PARALLEL TO OR INTERSECT THE WATER MAIN WHILE MAINTAINING THE MINIMUM COVER REQUIREMENTS.
- TEN FEET (10') CLEARANCE IS REQUIRED BETWEEN ALL WATER AND SEWER LINES. AT LOCATIONS WHERE THE WATER AND SEWER LINES MUST CROSS EACH OTHER THERE SHALL BE A MINIMUM CLEARANCE OF 18" WITH THE WATER PASSING OVER THE SEWER. IF THESE SEPARATIONS CANNOT BE MET, THE SEWER LINE SHALL BE CONSTRUCTED TO THE SAME SPECIFICATIONS AS THE WATER LINE AND BE WATER TIGHT UNTIL SUCH A POINT WHERE MINIMUM SEPARATION CAN BE MET. WHERE GRAVITY FLOW SEWERS CROSS ABOVE WATER LINES, THE SEWER PIPE FOR A DISTANCE OF TEN (10) FEET, EACH SIDE OF THE CROSSING, EITHER SHALL BE DUCTILE IRON PRESSURE PIPE WITHOUT ANY JOINT CLOSER THAN THREE (3') FEET TO THE CROSSING, OR SHALL BE FULLY ENCASED IN CONCRETE.
- ALL SANITARY SEWER SERVICES SHALL BE MARKED WITH A "Y" CUT INTO THE FACE OF THE CURB.
- ALL WATER SERVICE LINES SHALL BE INSTALLED 10" TO THE UPHILL SIDE OF THE SEWER SERVICE LINE UNLESS OTHERWISE SHOWN. SERVICE LINE LOCATION TO BE MARKED WITH A "W" CUT INTO THE FACE OF THE CURB.
- FIRE HYDRANT MAKE AND MODEL SHALL BE APPROVED BY THE GOVERNING UTILITY AUTHORITY PRIOR TO INSTALLATION.
- THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING THE WATER AND SEWER SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS AND SHALL NOTIFY THE ENGINEER AND THE GOVERNING UTILITY AUTHORITY AT LEAST 48 HOURS IN ADVANCE OF PERFORMING ANY TESTS. A COPY OF ALL TEST RESULTS SHALL BE EMAILED TO BENCHMARK ENGINEERING & SURVEYING, LLC @ office@benchmarkinc.net (OR ALTERNATE ADDRESS AS DIRECTED AT PRE-CON MEETING) AS SOON AS THEY ARE AVAILABLE.
- FITTINGS FOR WATER LINES SHALL BE OF MECHANICAL JOINT TYPE AND SHALL BE RESTRAINED BY THE USE OF MEGA-LUGS AND CONCRETE THRUST BLOCKING. MEGA-LUGS AND THRUST BLOCKS ARE ABSORBED IN THE PER FOOT OF PIPE OR IN THE FITTINGS PAY ITEM (IF INCLUDED ON THE BID FORM).
- THE LENGTHS OF THE SANITARY SEWER LINES ARE MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.
- FITTINGS FOR ALL APPLICATIONS OF WATER AND SEWER LINES WHICH ARE NOT AN ITEMIZED PAY ITEM SHALL BE AN ABSORBED COST.
- ALL DISCONNECTIONS OR CONNECTIONS TO EXISTING WATER AND SEWER SYSTEM SHALL BE MADE DURING OFF-PEAK PERIODS AND COORDINATED WITH THE GOVERNING UTILITY AUTHORITY.

SITE GRADING AND PAVING NOTES:

- TECHNICAL SPECIFICATION FOR MATERIALS AND CONSTRUCTION METHODS FOR THIS PROJECT SHALL CONFORM TO THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (MDOOT STANDARDS), THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT (IF INCLUDED IN THE CONTRACT DOCUMENTATION). SHOULD THERE BE A DISCREPANCY BETWEEN THE DRAWINGS/CONTRACT DOCUMENTS AND MDOOT STANDARDS THEN THE MDOOT STANDARDS SHALL GOVERN. FOR DISCREPANCIES INVOLVING EARTHWORK, THE GOVERNING ORDER SHALL BE GEOTECHNICAL REPORT, MDOOT STANDARDS, CONTRACT DRAWINGS/CONTRACT DOCUMENTS.
- EARTHWORK SHALL INCLUDE CLEARING, STRIPPING, AND THE STOCKPILING OF TOPSOIL. REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKMENTS, NON-STRUCTURAL FILLS, FINAL SHAPING AND TRIMMING TO THE LINES, GRADES AND CROSS SECTIONS SHOWN ON THE PLANS. ALL UNSUITABLE OR EXCESS MATERIAL SHALL BE LEGALLY DISPOSED OF AS DIRECTED BY THE ENGINEER.
- AS AN INITIAL STEP OF SITE PREPARATION, TREES AND VEGETATION WITHIN THE CONSTRUCTION LIMITS SHOULD BE REMOVED. TREE AND VEGETATION REMOVAL (CLEARING AND GRUBBING) WILL INCLUDE STUMPS AND ROOT SYSTEMS. HOLES CREATED BY TREE AND STUMP REMOVAL SHOULD BE BACKFILLED WITH COMPACTED SELECT FILL TO NO ADDITIONAL COST.
- AFTER CLEARING AND GRUBBING, STRIPPING SHOULD BE PERFORMED TO A SUFFICIENT DEPTH (6" MINIMUM DEPTH IN GRASSED AREAS, 12" MINIMUM IN WOODED OR PREVIOUSLY WOODED AREAS) WITHIN CONSTRUCTION AREAS TO REMOVE ORGANIC-LADEN SURFICIAL SOILS, VEGETATION, DEBRIS, BRUSH AND ROOTS (TOPSOIL). TOPSOIL EXCAVATED SHALL BE STOCKPILED ON THE SITE AT AN APPROVED LOCATION UNTIL SUCH TIME THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING/PLATING OF SLOPES. STOCKPILING AND PLACEMENT IS NOT A PAY ITEM, BUT SHALL BE AN ABSORBED COST.
- ONCE CLEARING, GRUBBING, AND STRIPPING HAS BEEN COMPLETED THE CONTRACTOR SHALL EXCAVATE AREAS THAT ARE TO BE CUT TO REACH PLAN GRADE. CONTRACTOR SHALL THEN NOTIFY THE ENGINEER & TESTING AGENCY TO SET UP A FIELD INSPECTION OF THE SUB-GRADE PRIOR TO PLACEMENT OF ANY SELECT FILL. CONTRACTOR SHALL HAVE EQUIPMENT AVAILABLE TO PERFORM A PROOF ROLL OR FOR FURTHER EXCAVATION SHOULD THE ENGINEER OR TESTING AGENCY DEEM NECESSARY. ANY AREAS THAT PROVE TO BE UNSTABLE DURING THE PROOF ROLL OR APPEAR TO HAVE UN-SUITABLE MATERIALS SHALL BE MARKED AND A RECOMMENDATION FOR REMEDIATION SHALL BE PROVIDED BY TESTING AGENCY'S REPRESENTATIVE. SUCH AREAS SHALL BE PROOF ROLLED AGAIN ONCE REMEDIATION HAS BEEN COMPLETED.
- FINE-GRAINED SOILS EXPOSED AFTER STRIPPING, EXCAVATION AND UNDERCUTTING ARE SUSCEPTIBLE TO PUMPING AND/OR BECOMING UNSTABLE AND RUTTING EXCESSIVELY UNDER WET CONDITIONS. THE CONSTRUCTION TECHNIQUES, TYPES OF EQUIPMENT UTILIZED AND SITE DRAINAGE PROVIDED DURING CONSTRUCTION WILL HAVE A SIGNIFICANT EFFECT ON THE PERFORMANCE OF THE SOILS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EQUIPMENT SHOULD BE CONTROLLED TO MINIMIZE TRAFFIC OVER THE SITE. ALL TRAFFIC SHOULD BE DISCOURAGED DURING PERIODS OF INCLEMENT WEATHER.
- UNDERCUTTING AND BACKFILLING WILL BE REQUIRED TO REMOVE EXPANSIVE CLAYS (CH) OR OTHER UN-SUITABLE MATERIALS SHOULD THEY BE ENCOUNTERED TO CREATE A MINIMUM OF A 3' VERTICAL AND HORIZONTAL (OR AS DESCRIBED IN GEOTECHNICAL REPORT) BUFFER FROM SUCH MATERIAL AND THE BOTTOM OF THE PAVED SURFACE OR SHOULDER MATERIAL. UNDERCUTTING SHALL BE PAID FOR IN PAY ITEM "UNDERCUTTING" AND HAULED OFF-SITE.
- SELECT FILL MATERIAL (EITHER ON-SITE OR IMPORTED) SHALL CONSIST OF LESS THAN 2% ORGANIC MATTER, FREE OF DEBRIS, WITH ROCKS NO GREATER THAN 6" AND A LIQUID LIMIT OF LESS THAN 40 AND A PLASTICITY INDEX BETWEEN 10 AND 20 OR MDOOT BORROW CLASS B9-10 EQUIVALENT.
- ANY DISTURBED AREAS SHALL BE REMOVED DURING GRADING OPERATIONS AND EITHER STOCKPILED FOR USE ON-SITE AS DIRECTED BY ENGINEER OR HAULED OFF-SITE. IF PLACED ON-SITE SUCH MATERIAL SHALL BE PAID FOR AS UNCLASSIFIED EXCAVATION. SHOULD MATERIAL BE HAULED OFF-SITE, IT SHALL BE PAID FOR AS "EXCESS EXCAVATION" OR "UNDERCUT EXCAVATION".
- FILL SOILS SHOULD BE COMPACTED FROM LIFTS NOT EXCEEDING 8" IN LOOSE THICKNESS TO NOT LESS THAN THE DENSITIES DESCRIBED IN SPECIFICATION SECTION 02220 AT MOISTURE CONTENTS WITHIN 3 PERCENTAGE POINTS OF THE OPTIMUM WATER CONTENT. STABILITY MUST BE EVIDENT DURING COMPACTION OF EACH LIFT BEFORE ANY SUBSEQUENT LIFTS OF FILL MATERIAL ARE ADDED.
- OWNER'S TESTING AGENCY SHALL PERFORM MATERIAL TESTING ON SELECT FILL MATERIAL (WHETHER IMPORTED OR ON-SITE MATERIAL) TO CONFIRM THAT ANY MATERIAL THAT THE CONTRACTOR MEETS PROJECT SPECIFICATIONS PRIOR TO ALLOWING SAID MATERIALS TO BE PLACED ON THE SITE. ADDITIONALLY, OWNER'S TESTING AGENCY SHALL CONDUCT FIELD MOISTURE/DENSITY TESTS ON PLACEMENT OF EACH LIFT OF FILL AND ON FINAL COMPACTION SUB-GRADE AT INTERVALS REQUIRED IN THE PROJECT SPECIFICATIONS. TEST RESULTS SHALL BE EMAILED TO office@benchmarkinc.net (OR ALTERNATE ADDRESS AS DIRECTED AT PRE-CON MEETING) IMMEDIATELY AFTER TEST RESULTS HAVE BEEN PREPARED. ANY MATERIALS OR WORK THAT TESTING SHOWS DOES NOT MEET REQUIREMENTS SHALL BE REMOVED AND REPLACED AS DIRECTED BY TESTING AGENCY OR ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- A PROOF ROLL OF THE SUB-GRADE FOR THE CURB AND PAVED AREAS SHALL BE REQUIRED PRIOR TO PLACEMENT OF CURB & GUTTER AND ASPHALT BASE COURSE; HOWEVER PRIOR TO THE CONTRACTOR CONTACTING THE ENGINEER FOR A PROOF ROLL, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE EARTHWORK TESTING AGENCY AND REQUEST THAT THEY PROVIDE ALL TEST RESULTS TO ENGINEER AND TO CERTIFY TO THE ENGINEER THAT ALL REQUIREMENTS OF THE CONSTRUCTION PLANS, SPECIFICATIONS AND GEOTECHNICAL REPORT IN RELATION TO THE PREPARATION OF THE ROADWAY SUB-GRADE HAVE BEEN MET OR EXCEEDED. ONCE THIS INFORMATION IS RECEIVED, ENGINEER WILL SCHEDULE PROOF ROLL WITH CONTRACTOR. SHOULD THERE BE AREAS THAT "PUMP" AND DO NOT PASS THE PROOF ROLL, THE CONTRACTOR SHALL PROVIDE REMEDIAL OPERATIONS (AT NO ADDITIONAL COST TO OWNER) TO THESE AREAS AND SET UP ANOTHER PROOF ROLL. ONCE THE ENTIRE SUBJECT AREA OF THE PROOF ROLL PASSES THE ENGINEER'S INSPECTION, THE LOCAL GOVERNING AGENCY SHALL BE NOTIFIED THAT THE CONTRACTOR HAS BEEN AUTHORIZED TO PROCEED WITH THE LOCAL GOVERNING AGENCY'S INSPECTION. ANOTHER PASSING PROOF ROLL SHALL BE REQUIRED PRIOR TO POURING CURB OR PAVING UNLESS AUTHORIZED OTHERWISE BY THE LOCAL GOVERNING AUTHORITY.
- THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE THE PONDING OF STORM WATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL TAKE SPECIAL CARE IN GRADING NEAR TREES, BUSHES AND SHRUBS WHICH ARE NOT TO BE REMOVED SO AS NOT TO CAUSE INJURY TO ROOTS OR TRUNKS.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO THESE EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- PROPOSED ELEVATIONS INDICATE FINISHED CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THICKNESS OF PROPOSED ITEMS (ROADS, WALKS, DRIVES, ETC.) OR TOPSOIL AS SHOWN.
- ALL DISTURBED AREAS NOT PAVED SHALL BE BROUGHT TO FINISHED GRADE WITH 4" TOPSOIL OR APPROVED SUITABLE MATERIAL FOR GROWING VEGETATION, THEN SEEDED, MULCHED, FERTILIZED AND WATERED AS REQUIRED TO PREVENT EROSION AND TO ACCOMMODATE VEGETATION TO MEET THE PROJECT SPECIFICATIONS. SHOULD THE NATIVE SOIL NOT BE CONDUCIVE TO VEGETATIVE GROWTH SPECIFIED THEN CONTRACTOR SHALL PLAN TO BRING IN MATERIAL AS NEEDED TO ACCOMPLISH REQUIRED VEGETATION AT NO COST TO THE OWNER.
- STREET PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND IF DAMAGED, SHALL BE REPLACED PROMPTLY AT NO ADDITIONAL COST TO THE OWNER.

EROSION CONTROL NOTES:

- "TEMPORARY EROSION CONTROL" PAY ITEM INCLUDES ALL ITEMS SHOWN ON THE CONTRACT DRAWINGS AND ALL ITEMS REQUIRED TO STAY IN COMPLIANCE WITH THE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY, THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ), THE STORM WATER POLLUTION PREVENTION PLAN (S.W.P.P.P.) NARRATIVE AND THE SMALL CONSTRUCTION NOTICE OF INTENT (S.C.N.O.I.).
- CONTRACTOR SHALL FAMILIARIZE HIMSELF AND ABIDE BY THE REQUIREMENTS OF THE S.C.N.O.I. AND THE S.W.P.P.P. NARRATIVE AND OTHER RELATED EROSION CONTROL DOCUMENTS. CONTRACTOR SHALL BE NAMED PRIME CONTRACTOR ON THE S.C.N.O.I.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP A COPY OF THE S.C.N.O.I. AND RELATED DOCUMENTS ON THE PROJECT SITE AT ALL TIMES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE REQUIREMENTS OF THE S.C.N.O.I./STORM WATER COVERAGE PERMIT WHICH INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: MAINTAIN, REPAIR, REPLACE ALL TEMPORARY EROSION CONTROL MEASURES; PERFORM INSPECTIONS AND FILL OUT INSPECTION REPORTS AS REQUIRED BY THE S.C.N.O.I./STORM WATER PERMIT COVERAGE; ADD ADDITIONAL MEASURES AS NEEDED TO STAY IN COMPLIANCE WITH THE PERMIT COVERAGE; MAINTAIN A RED-LINE DRAWING ON-SITE SHOWING FAILURES, REPAIRS, ADDITIONAL MEASURES, ETC. WITH THE DATES OF SUCH.
- TEMPORARY EROSION CONTROL MEASURES DEPICTED ON THE DRAWINGS SHALL BE CONSIDERED BY THE CONTRACTOR TO BE THE MINIMUM BMP'S TO BE INSTALLED AS PART OF THE SITE CONSTRUCTION AND THE SPECIFIC EROSION CONTROL PLAN AND ARE NOT MEANT TO ADDRESS ALL OF THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT. AS NOTED CONTRACTOR SHALL ADD ADDITIONAL MEASURES (AT NO ADDITIONAL COST TO THE OWNER) AS REQUIRED TO STAY IN COMPLIANCE WITH MDEQ REGULATIONS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES USING MDEQ BMP'S TO CONTROL EROSION AND STORM WATER POLLUTION THROUGHOUT THE CONSTRUCTION PERIOD TO STAY IN COMPLIANCE WITH THE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY AND MDEQ.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE EARTH MOVING OPERATIONS BEGIN.
- CLEARING AND GRUBBING TO THE MINIMUM SHALL BE ACCORDING TO THE LOCAL GOVERNING AUTHORITY HAS PASSED THE PROOF ROLL.
- EMBANKMENTS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED TO MINIMIZE EROSION.
- WATLES OR RIP-RAP EROSION CHECKS, SILT FENCING OR OTHER APPROVED BMP'S SHALL BE USED ALONG THE TOE OF FILL SLOPES, IN DITCHES, AND IN OTHER AREAS WHERE EROSION IS A PROBLEM AND SILT LADEN RUNOFF MAY ENTER A STREAM, DITCH OR ADJACENT PROPERTY.
- ANY STOCKPILED SOIL OR FILL MATERIAL SHALL BE LOCATED AND TREATED IN A MANNER TO PREVENT SILT FROM ENTERING STREAMS. NO EXCAVATED MATERIAL SHALL BE DISPOSED INTO DITCHES. THE CONTRACTOR SHALL DISPOSE OF ALL EXCAVATED MATERIAL IN A LOCATION APPROVED BY THE ENGINEER.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONTINUALLY MAINTAINED.
- THE CONTRACTOR SHALL KEEP STREETS AND SIDEWALKS ADJACENT TO THE LIMITS OF CONSTRUCTION FREE OF MUD AND DEBRIS.
- ALL DISTURBED AREAS NOT PAVED SHALL BE BROUGHT TO FINISHED GRADE WITH 4" TOPSOIL OR APPROVED SUITABLE MATERIAL FOR GROWING VEGETATION, THEN SEEDED, MULCHED, FERTILIZED AND WATERED AS REQUIRED TO PREVENT EROSION WITH TEMPORARY OR PERMANENT SEEDING.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH PERMANENT VEGETATION (MIN. 90% COVERAGE) BY ANY MEANS NECESSARY TO MEET THE VEGETATIVE COVER REQUIREMENTS OF THE PROJECT SPECIFICATIONS. SHOULD THE NATIVE SOIL NOT BE CONDUCIVE TO VEGETATIVE GROWTH SPECIFIED THEN CONTRACTOR SHALL PLAN TO BRING IN MATERIAL AS NEEDED TO ACCOMPLISH REQUIRED VEGETATION AT NO COST TO THE OWNER.
- ALL EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE DISTURBED UPSTREAM AREA HAS BEEN INSPECTED BY THE ENGINEER AND APPROVAL HAS BEEN GIVEN FOR REMOVAL.
- CONTRACTOR WILL BE RESPONSIBLE FOR ANY REPAIRS OR REPLACEMENT REQUIRED TO RESTORE AREAS TO THEIR ORIGINAL CONDITION AT NO COST TO THE OWNER WHERE EROSION CONTROL MEASURES FAILED.
- CONTRACTOR SHALL PROVIDE A STORAGE AREA FOR ALL POTENTIALLY TOXIC MATERIALS THAT ARE TO BE STORED ON SITE. THE LOCATION OF THIS AREA SHALL BE COORDINATED WITH THE ENGINEER. ANY WORK REQUIRED TO CREATE, MAINTAIN AND REMOVE STORAGE AREA SHALL BE AN ABSORBED COST.
- FUEL AND MATERIAL STORAGE AREAS SHALL BE LOCATED AS FAR AWAY FROM ANY DITCHES OR STREAMS AS POSSIBLE. A 60ML POLYETHYLENE LINER IS REQUIRED UNDER FUEL TANKS.

STORM DRAIN NOTES:

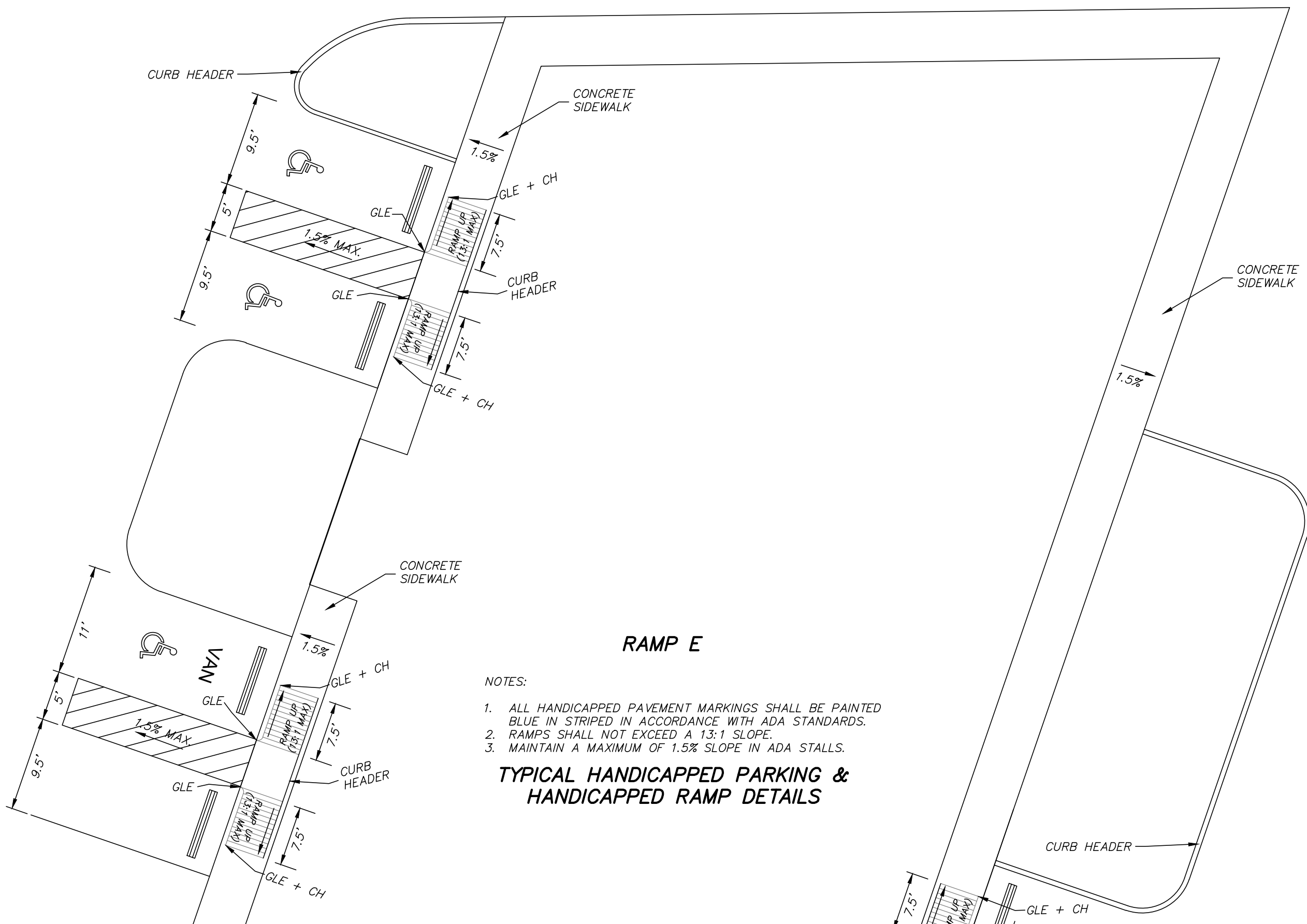
- TECHNICAL SPECIFICATIONS FOR STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION.
- JOINTS SHALL BE CONSTRUCTED AND JOINED TOGETHER IN SUCH A MANNER THAT NO SPILL THROUGH OF BACKFILL WILL OCCUR.
- ALL REINFORCED CONCRETE PIPE (R.C.P.) SHALL BE CLASS III UNLESS OTHERWISE NOTED AND WRAPPED IN FILTER CLOTH AT ALL JOINTS. LIFT HOLES TO BE GROUTED AND SEALED WATER TIGHT.
- ANY ADDITIONAL EXCAVATION REQUIRED FOR INSTALLATION OF BEDDING MATERIAL FOR STORM DRAIN PIPE SHALL BE INCLUDED IN THE CONTRACT PRICE PER LINEAR FOOT OF STORM DRAINAGE PIPE.
- THE CONTRACTOR SHALL NOTIFY RANKIN COUNTY TO PERFORM AN INSPECTION OF ALL DRAINAGE PIPE INSTALLATIONS PRIOR TO PLACEMENT OF BACKFILL.
- PIPE NOTED HP PIPE (12" OR LARGER) ON THE DRAWINGS REFERS TO ADS HP STORM OR EQUAL. PIPE NOTED AS C.P.P. (12"-) ON THE DRAWINGS REFERS TO ADS DUAL WALL CORRUGATED PLASTIC PIPE (BLACK). BOTH SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL PROVIDE DRAIN HOLES OR BLOCK OUTS AT ALL CURB INLETS (TO BE GROUTED IN WHEN FINAL SURFACE COURSE IS APPLIED).
- THE LENGTH OF THE STORM DRAIN LINES ARE MEASURED FROM THE CENTER OF THE INLET/JUNCTION BOX TO THE CENTER OF THE INLET/JUNCTION BOX.
- INLET/JUNCTION BOX SIZES TO BE DETERMINED BY CONTRACTOR OR MANUFACTURER BASED ON THE PIPE SIZES AND THE ENTRY/EXIT ANGLE OF THE CULVERTS. INLET TOPS TO BE ADJUSTED AS NECESSARY TO MATCH FINISHED GRADE ELEVATION AND LONGITUDINAL SLOPE OF THE ROADWAY.
- INLETS SHOWN WITH SINGLE OR DOUBLE EXTENSIONS ARE FOR INFORMATIONAL PURPOSES WITH THE INTENT TO SHOW THE CONTRACTOR WHERE SINGLE, DOUBLE AND TRIPLE INLETS ARE REQUIRED. IN SOME CASES THE ELEVATIONS AND SIZES OF THE INCOMING PIPES WILL NOT ALLOW THE USE OF AN EXTENSION. IN SUCH CASES THE CONTRACTOR MAY POUR IN PLACE AN EXTENSION(S) OR USE A DOUBLE/TRIPLE BOX. PAYMENT FOR SUCH STRUCTURES SHALL BE COVERED UNDER CORRESPONDING "CURB INLET w/ EXTENSION" PAY ITEM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHAT INLETS WILL WORK WITH EXTENSIONS AND WHICH ONES WILL NOT AND PRICE/ADJUST ACCORDINGLY.
- NO DRAINAGE STRUCTURE TOPS SHALL BE PERMANENTLY SECURED UNTIL SUCH TIME THAT THE SURROUNDING AREA HAS BEEN SHAPED TO FINAL GRADE SO THAT VERTICAL ADJUSTMENTS CAN BE MADE TO THE TOPS OF STRUCTURES TO ALLOW THEM TO MATCH FINISHED GRADE. VERTICAL ADJUSTMENTS TO DRAINAGE STRUCTURES SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
- RIM OR TOP ELEVATION OF INLET TOPS ARE TO THE CENTER OF THE MAIN INLET STRUCTURE. CONTRACTOR/MANUFACTURER SHALL TAKE LONGITUDINAL SLOPE OF ROADWAY INTO ACCOUNT WHEN MAKING INLET BOXES.
- CURB INLET TOPS SHALL NOT BE SECURED/POURED UNTIL THE CURB HAS BEEN INSTALLED. JUNCTION BOX AND GRATE INLET TOPS SHALL BE FIELD ADJUSTED. INLET TOPS TO BE ADJUSTED AS NECESSARY TO MATCH FINISHED GRADE ELEVATION AND LONGITUDINAL SLOPE OF THE ROADWAY.
- IT IS INTENDED THAT ONLY THE SOLID MANHOLE COVER IS VISIBLE ON JUNCTION BOXES.

ABBREVIATIONS

#	POUND	L.F.	LINEAR FEET (HORIZONTAL)
ASSY.	ASSEMBLY	MAX.	MAXIMUM
AVG.	AVERAGE	M.H.	SANITARY SEWER MANHOLE
B.F.E.	BASE FLOOD ELEVATION	MIN.	MINIMUM
BLDG.	BUILDING	M.J.	MECHANICAL JOINT
BM	BENCHMARK	N.T.S.	NOT TO SCALE
C	CHORD LENGTH	O.C.	ON CENTER
C	CENTRLINE	P.C.	POINT OF CURVATURE
CI	CURB INLET	PERM.	PERMANENT
CONC.	CONCRETE	PI	POINT OF INTERSECTION
CONST.	CONSTRUCTION	PROP.	PROPOSED
C.M.P.	CORRUGATED METAL PIPE	P.T.	POINT OF TANGENCY
C.P.P.	CORRUGATED PLASTIC PIPE	R	RADIUS
C.Y.	CUBIC YARD	R.C.P.	REINFORCED CONCRETE PIPE
DIA.	DIAMETER	R.C.A.P.	REINFORCED CONCRETE ARCH PIPE
D.I.P.	DUCTILE IRON PIPE	RD.	ROAD
DBL	DOUBLE	REQD.	REQUIRED
DWG.	DRAWING	RET. WALL	RETAINING WALL
EA.	EACH	R.O.W./ROW	RIGHT OF WAY
EASE.	EASEMENT	R.R.	RAILROAD
EP	EDGE OF PAVEMENT	SD	STORM DRAIN
EX.	EXISTING	SHLD.R.	SHOULDER
EXST.	EXIST.	S.S.	SANITARY SEWER
EXT.	EXTENSION	STA.	STATION
E.W.	EACH WAY	STD.	STANDARD
F.E.S.	FINISHED END SECTION	S.Y.	SQUARE YARD
F.F.E.	FINISHED FLOOR ELEVATION	T	TANGENT LENGTH
FL	FINISHED GRADE	TBC	TOP OF CURB
FG	FINISHED GRADE	TBM	TEMPORARY BENCHMARK
FM	SANITARY SEWER FORCE MAIN	TEMP.	TEMPORARY
GV	GATE VALVE	TOE	TOE OF SLOPE
GI	GRATE INLET	TOP	TOP OF BANK
GR.	GRADE	TOP OF PAVEMENT	TOP OF PAVEMENT (ALL TYPES)
HORIZ.	HORIZONTAL	TRL	TRAIL
HYD.	HYDRANT	TS	TOP OF SIDEWALK
INV.	INVERT (EQUALS FLOWLINE)	Typ.	TYPICAL
JB	JUNCTION BOX	VERT.	VERTICAL
LB	POUND		

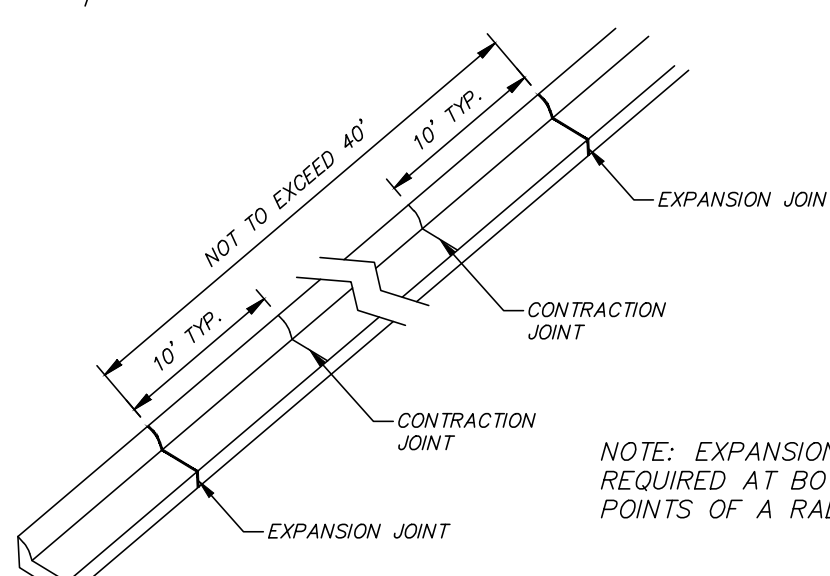
LINETYPES

---	EX. ADJACENT PROPERTY LINE	---	BASE FLOOD ELEVATION LINE & ELEV.
- - - -	EX. AT&T LINE	---	FLOWAYD LINE
- - - -	EX. BLDG. LINE	---	FLOOD ZONE LINE
- - - -	EX. E. ROAD	---	PROP. CASING
- - - -	EX. EXISTING UNDERGROUND	---	PROP. CENTERLINE
- - - -	EX. CONC.	---	PROP. CLEARING LIMITS
- - - -	EX. CULTURE	---	PROP. CURB
- - - -	EX. CURB	---	PROP. EASE.
- - - -	EX. DITCH	---	PROP. FENCE BARBED WIRE
- - - -	EX. EASE	---	PROP. FENCE CYCLONE
- - - -	EX. EDGE OF GRAVEL	---	PROP. FENCE WROUGHT IRON
- - - -	EX. EP	---	PROP. FENCE WOOD
- - - -	EX. FENCE BARBED WIRE	---	PROP. FINISHED GRADE CONTOUR LINE
- - - -	EX. FENCE CYCLONE	---	PROP. SHOULDER
- - - -	EX. FENCE WROUGHT IRON	---	PROP. GAS LINE
- - - -	EX. FENCE WOOD	---	PROP. PHASE LINE
- - - -	EX. FIBER OPTIC	---	PROP. PROPERTY
- - - -	EX. GAS LINE	---	PROP. RET. WALL
- - - -	EX. GROUND CONTOUR LINE	---	PROP. R.O.W.
- - - -	EX. LANDSCAPING	---	PROP. SD CULTVERT
- - - -	EX. POWER (OVERHEAD)	---	PROP. SETBACKS
- - - -	EX. POWER (UNDERGROUND)	---	PROP. SIDEWALK
- - - -	EX. RET. WALL	---	PROP. SILT FENCE
- - - -	EX. RR TRACKS	---	PROP. SS FM
- - - -	EX. SIDEWALK	---	PROP. SS LINE
- - - -	EX. SS	---	PROP. SS SERVICE LINE
- - - -	EX. STRIPPING	---	PROP. SWALE/DRAIN PATH
- - - -	EX. TOP SLOPE	---	PROP. WATER EDGE
- - - -	EX. TOP BANK		

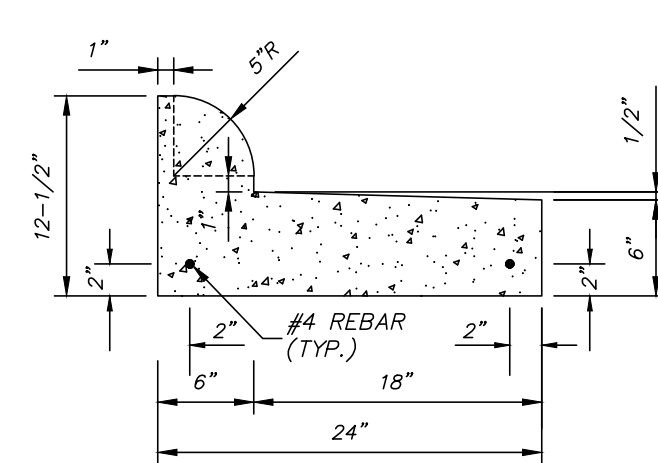


- NOTES: 1. ALL HANDICAPPED PAVEMENT MARKINGS SHALL BE PAINTED BLUE IN STRIPES IN ACCORDANCE WITH ADA STANDARDS. 2. RAMP SHALL NOT EXCEED A 13:1 SLOPE. 3. MAINTAIN A MAXIMUM OF 1.5% SLOPE IN ADA STALLS.

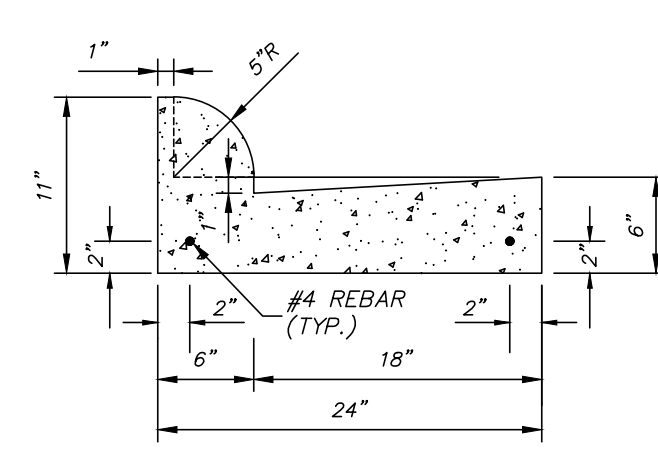
TYPICAL HANDICAPPED PARKING & HANDICAPPED RAMP DETAILS



TYPICAL CURB AND GUTTER JOINT SPACING



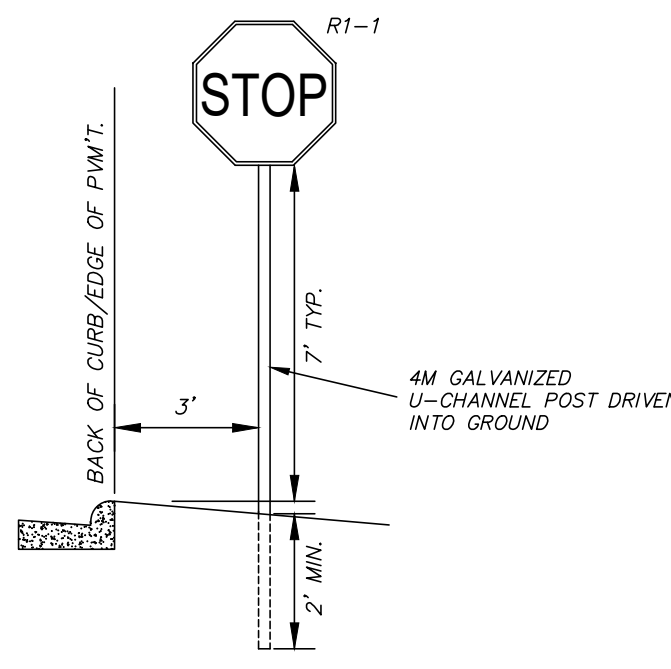
TYPE 3B MODIFIED CURB WITH REVERSED GUTTER



TYPE 3B MODIFIED CURB & GUTTER

- CURB AND GUTTER NOTES: 1. CURB AND GUTTER SHALL BE 3500 PSI MINIMUM CONCRETE. 2. CURB AND GUTTER SHALL BE PLACED ON COMPACTED SUB-GRADE MEETING ROADWAY SPECIFICATIONS. 3. PROVIDE EXPANSION JOINTS WITH 1/2" EXPANSION MATERIAL AT INTERVALS NOT TO EXCEED FORTY (40) FEET. 4. TOOLED CONTRACTION/CONTROL JOINTS (1/4" WIDE x 1" DEEP) ARE REQUIRED IN THE CURB AND GUTTER AT EVENLY SPACED INTERVALS NOT TO EXCEED TEN (10) FEET. 5. CONTRACTOR SHALL MAKE TRANSITION FROM STANDARD CURB TO REVERSED GUTTER THROUGH A RADIUS IS POSSIBLE AND IF NOT, GRADUALLY TRANSITION BETWEEN CONTRACTION JOINTS. 6. LOCATIONS FOR REVERSE GUTTER ARE NOTED ON THE DRAWINGS. THE CONTRACTOR MAY PROPOSE TO ADJUST LOCATIONS BY PROVIDING ENGINEER WITH A DRAWING WITH PROPOSED REVERSE GUTTER LOCATIONS FOR HIS REVIEW AND COMMENT/REJECTION/APPROVAL.

CURB AND GUTTER DETAILS



TRAFFIC SIGN INSTALLATION N.T.S.



NON-REINFORCED CONCRETE PAVING SECTION

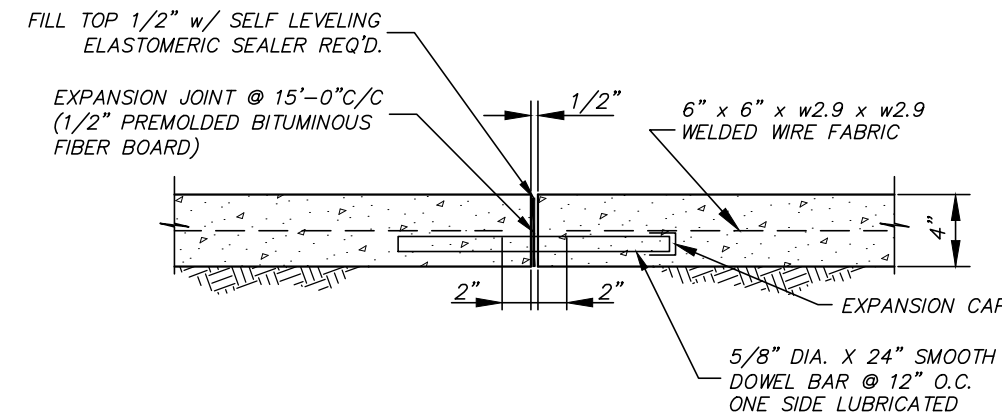
SUB-GRADE SHALL BE COMPACTED TO 98% STANDARD PROCTOR DRY DENSITY (ASTM D 698)

NON-REINFORCED CONCRETE PAVING HEAVY DUTY & DUMPSTER PAD SECTION

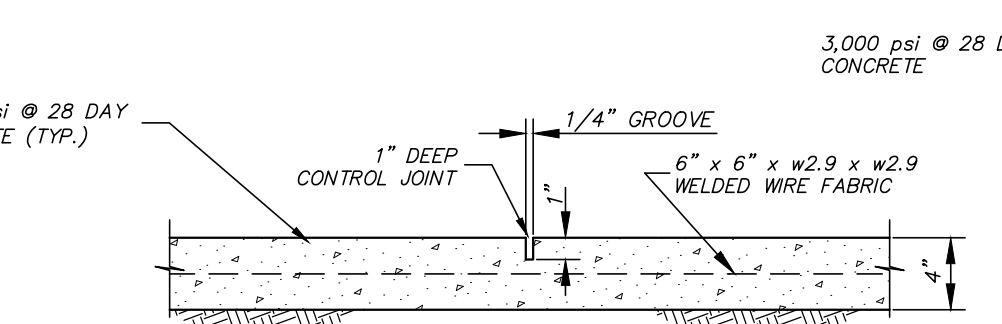
NOTES:

- 1. PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM 28-DAY FLEXURAL STRENGTH OF 650 PSI AND A COMPRESSIVE STRENGTH OF 4,000 PSI. 2. EXPANSION, ISOLATION AND CONTROL JOINT SPACING & CONFIGURATION, MIX DESIGN, MIX PLACEMENT AND CURING SHALL CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE "ACI 308R-01 - GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS" AND THE PORTLAND CEMENT ASSOCIATION (PCA). 3. CONTRACTION/CONTROL JOINTS SHALL BE TOOLED OR SAWCUT IN STRAIGHT LINES TO THE DEPTHS SHOWN AT THE PROPER CURE TIME AND WITH THE PROPER MATERIALS/EQUIPMENT TO LEAVE THE FINISHED CONCRETE SURFACE ALONG THE JOINTS LOOKING SMOOTH AND FREE FROM CHIPPING OR OTHER DEFECTS. JOINTS WHERE CHIPPING OR OTHER IRREGULARITIES THAT COMPROMISE THE LOOK OF THE CONCRETE PER THE OWNER/ENGINEER SHALL BE REJECTED AND SUBSEQUENTLY REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

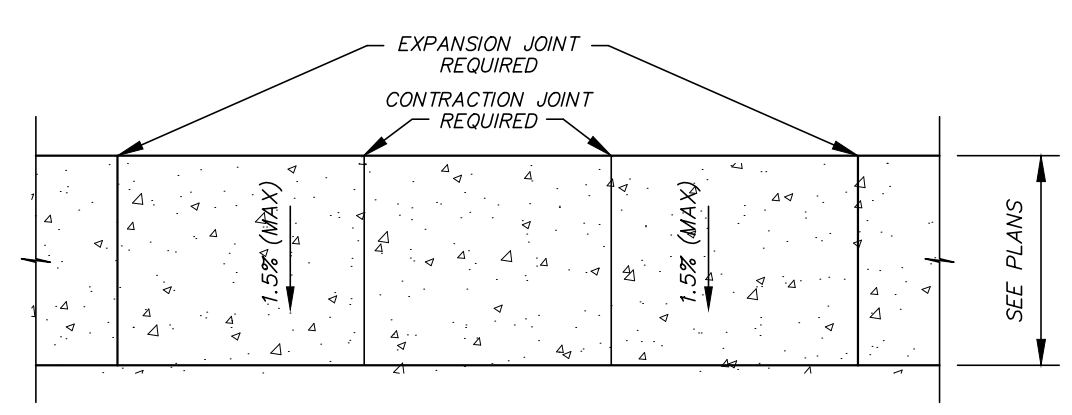
TYPICAL SECTIONS OF RIGID PAVEMENT STRUCTURES



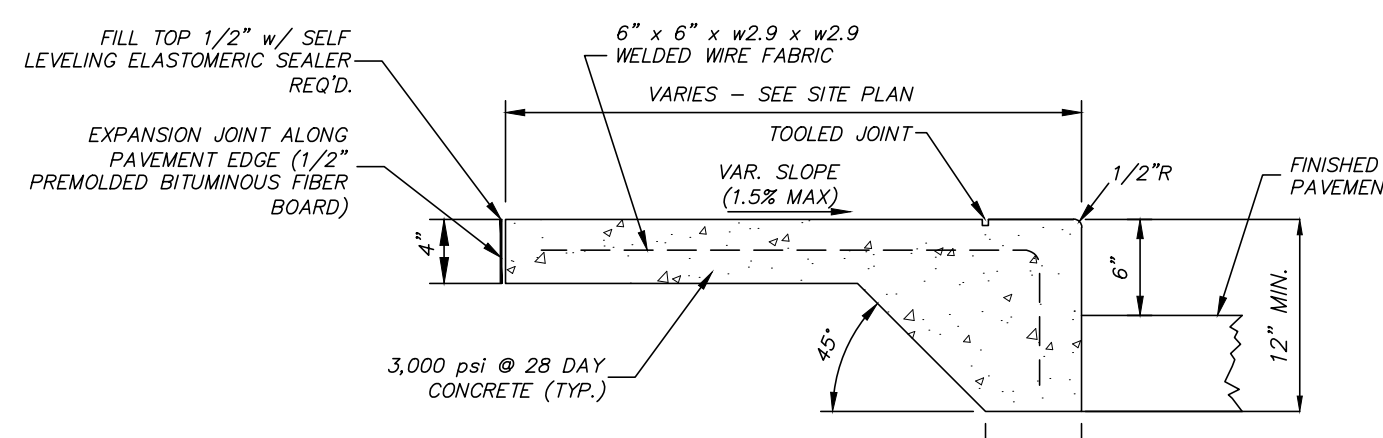
SIDEWALK EXPANSION JOINT DETAIL



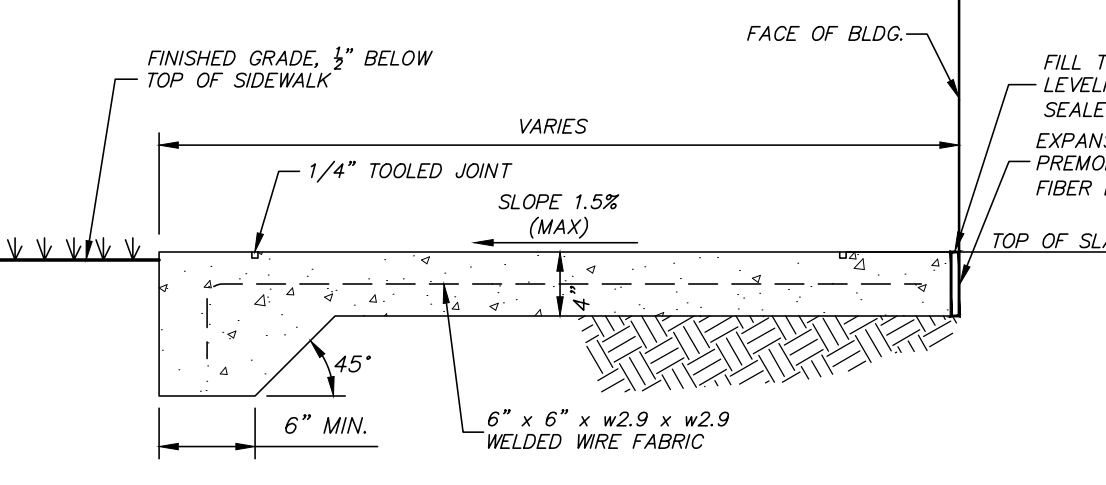
SIDEWALK CONTRACTION JOINT DETAIL



SIDEWALK JOINT LAYOUT DETAIL



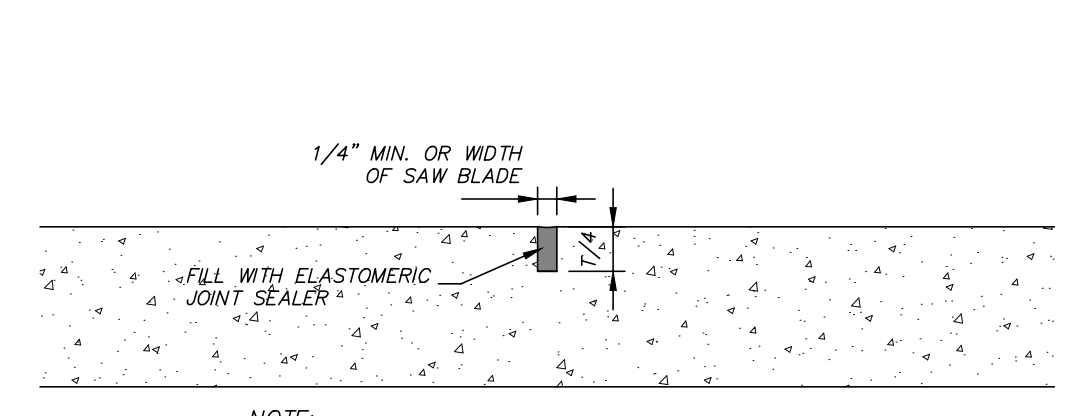
SIDEWALK AT EDGE OF PAVEMENT N.T.S.



SIDEWALK AT LANDSCAPING N.T.S.

- SIDEWALK CONSTRUCTION NOTES: 1. SUB-GRADE FOR SIDEWALK SHALL PREPARED IN SAME MANNER AS REQUIRED FOR PAVEMENT CONSTRUCTION. 2. EXPANSION JOINT REQ'D. WHERE TYING SIDEWALK TO BUILDING OR BACK OF CURB WITH 1/2" PRE-MOLDED BITUMINOUS FIBER BOARD AND TOP FILLED WITH 1/2" SELF LEVELING ELASTOMERIC SEALER. 3. WELDED WIRE FABRIC SHALL BE SHEETS AND NOT ROLLS. 4. CONTRACTION JOINTS REQUIRED AT 5' O.C. & EXPANSION JOINTS REQUIRED AT 15' O.C. UNLESS OTHERWISE SHOWN ON THE DRAWINGS. 5. CONTRACTION/CONTROL JOINTS SHALL BE TOOLED OR SAWCUT IN STRAIGHT LINES TO THE DEPTHS SHOWN AT THE PROPER CURE TIME AND WITH THE PROPER MATERIALS/EQUIPMENT TO LEAVE THE FINISHED CONCRETE SURFACE ALONG THE JOINTS LOOKING SMOOTH AND FREE FROM CHIPPING OR OTHER DEFECTS. JOINTS WHERE CHIPPING OR OTHER IRREGULARITIES THAT COMPROMISE THE LOOK OF THE CONCRETE PER THE OWNER/ENGINEER SHALL BE REJECTED AND SUBSEQUENTLY REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. 6. CONTRACTOR SHALL SEE SPOT ELEVATIONS ON GRADING LAYOUT FOR SIDEWALK SLOPES.

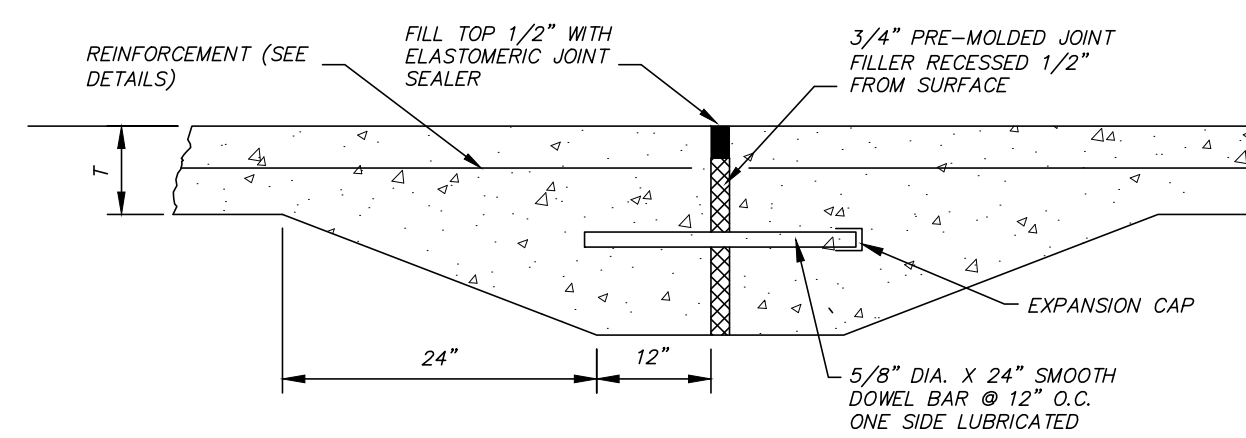
CONCRETE SIDEWALK DETAILS



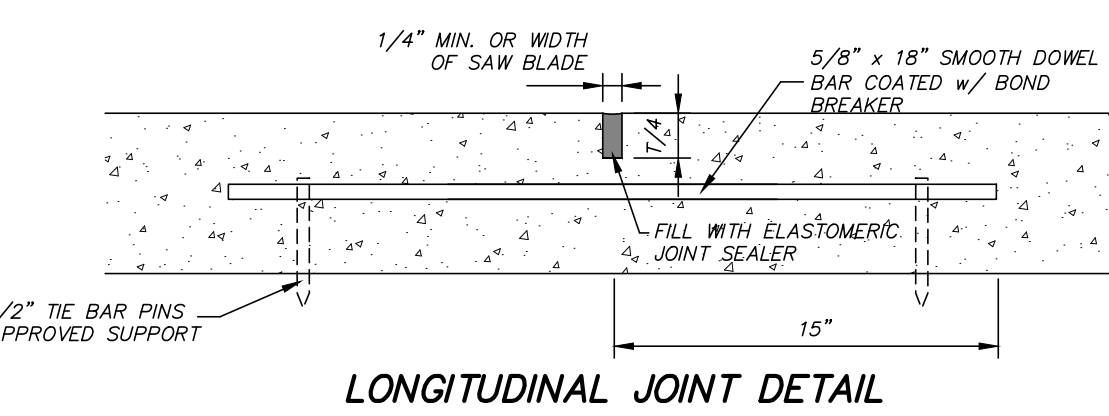
LONGITUDINAL JOINT DETAIL

- NOTES: 1. CONTRACTION JOINTS TO BE SAWS PER ACI STANDARDS TO ALLOW FOR SMOOTH, CLEAN, FINISHED EDGES AND AT INTERVALS ACCORDING TO ACI STANDARDS. PANELS WITH RAVELED EDGES FROM SAW CUTTING WILL BE REJECTED SHALL BE REMOVED & REPLACED BY CONTRACTOR AT NO COST TO THE OWNER.

CONTRACTION JOINT DETAIL

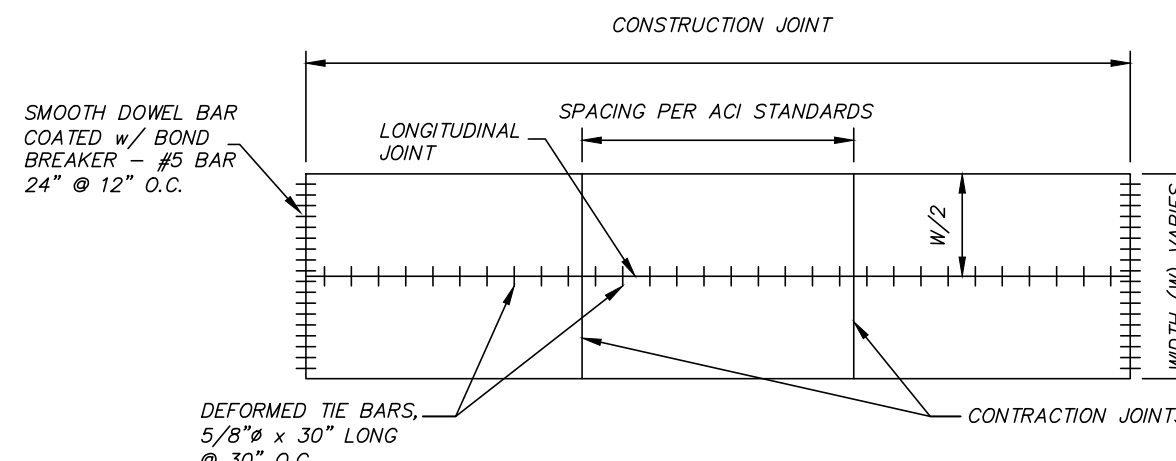


TRANSVERSE EXPANSION JOINT DETAIL



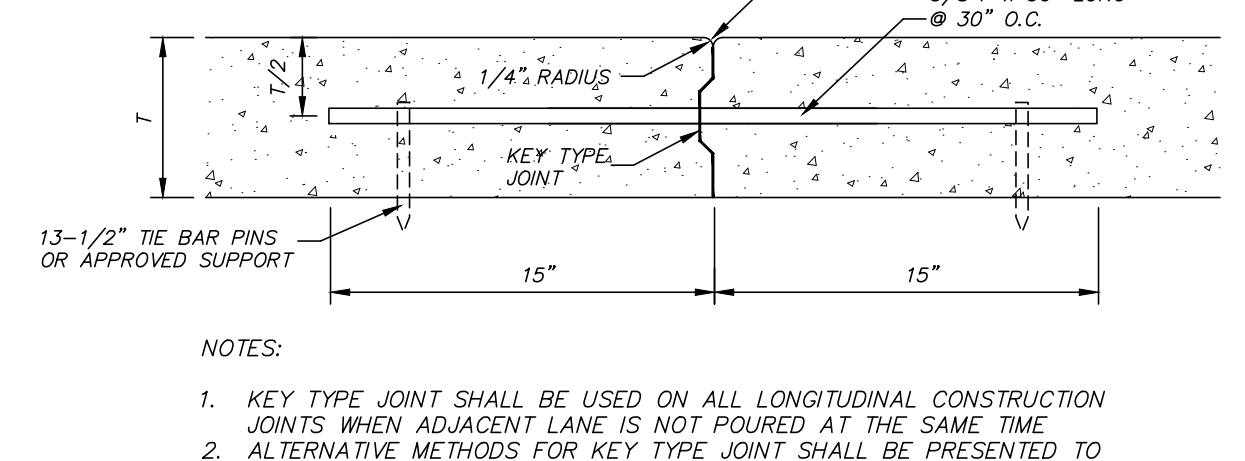
PROPOSED CONCRETE PAVEMENT TO EXISTING CONCRETE PAVEMENT DETAIL

- NOTES: 1. REQUIRED AT ALL LOCATIONS WHERE PROPOSED PAVEMENT TIES TO EXISTING PAVEMENT UNLESS OTHERWISE NOTED. 2. DRILL HOLE INTO EX. CONCRETE PAVEMENT TO LENGTH REQUIRED, USE CHEMICAL ADHESIVE TO BAR TO EXISTING CONCRETE. 3. DOWEL BAR LOCATION TO MATCH TIE BAR SPACING WHERE APPLICABLE, MINIMUM SPACING OF 18". 4. 1/4" RADIUS NOT REQ'D. ON EXISTING CONCRETE IF NOT ALREADY THERE. 5. SEE DETAILS FOR PAVEMENT THICKNESS.



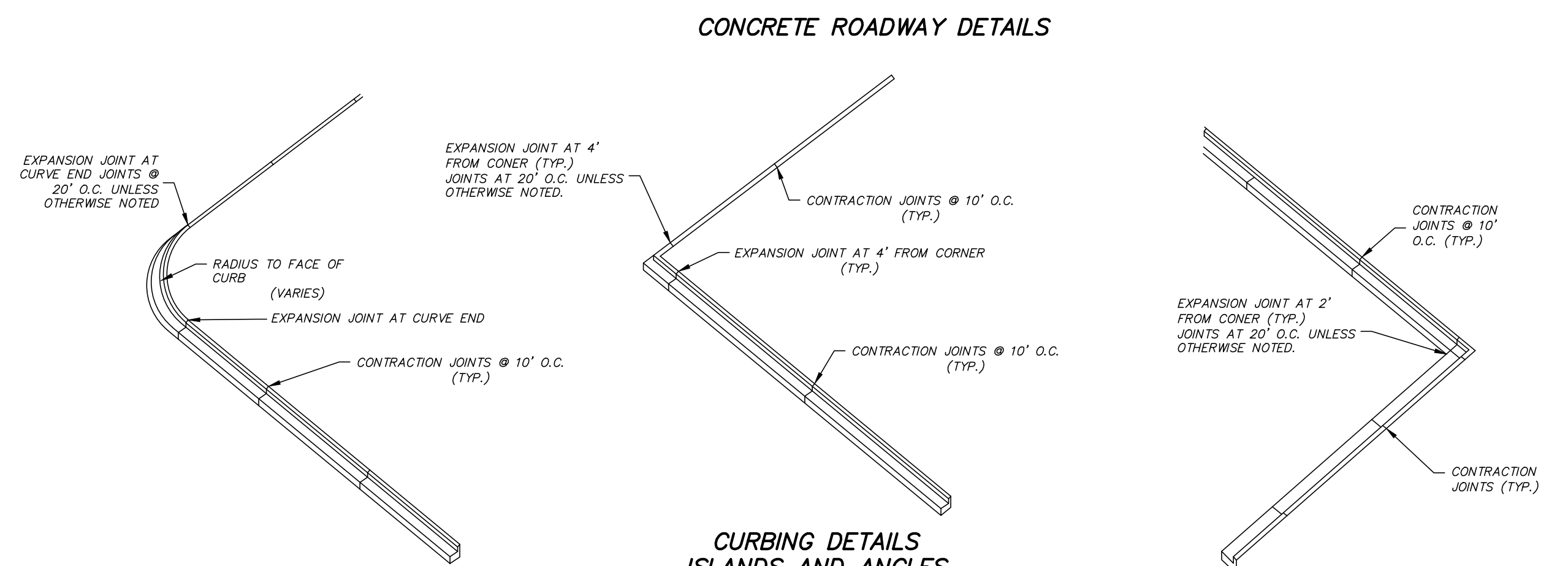
TYPICAL JOINT SPACING FOR RIGID PAVEMENT

- NOTES: 1. LONGITUDINAL JOINTS REQUIRED ON PAVEMENT THAT IS 20' OR WIDER AND IS TO BE CENTERED. 2. SEE DETAILS FOR MORE INFORMATION OF JOINT CONSTRUCTION AND DOWEL BARS. 3. KEY TYPE JOINT SHALL BE USED ON ALL LONGITUDINAL JOINTS WHEN ADJACENT LANE IS NOT POURED AT THE SAME TIME.



CONSTRUCTION JOINT DETAIL

- NOTES: 1. KEY TYPE JOINT SHALL BE USED ON ALL LONGITUDINAL CONSTRUCTION JOINTS WHEN ADJACENT LANE IS NOT POURED AT THE SAME TIME. 2. ALTERNATIVE METHODS FOR KEY TYPE JOINT SHALL BE PRESENTED TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.



CONCRETE ROADWAY DETAILS

CURBING DETAILS ISLANDS AND ANGLES

Table with columns: REVISIONS, DRAWING, DATE, CHECKED, SCALE, REF C/L, E.C. SURFACE, F.G. SURFACE.

PROJECT LOCATION: DEES PLAZA MADISON COUNTY, MISSISSIPPI CLIENT: BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT: CANDLEWOOD SUITES SHEET CONTENTS: TYPICAL SECTION & MISCELLANEOUS DETAILS

SHEET NUMBER 3 of 16

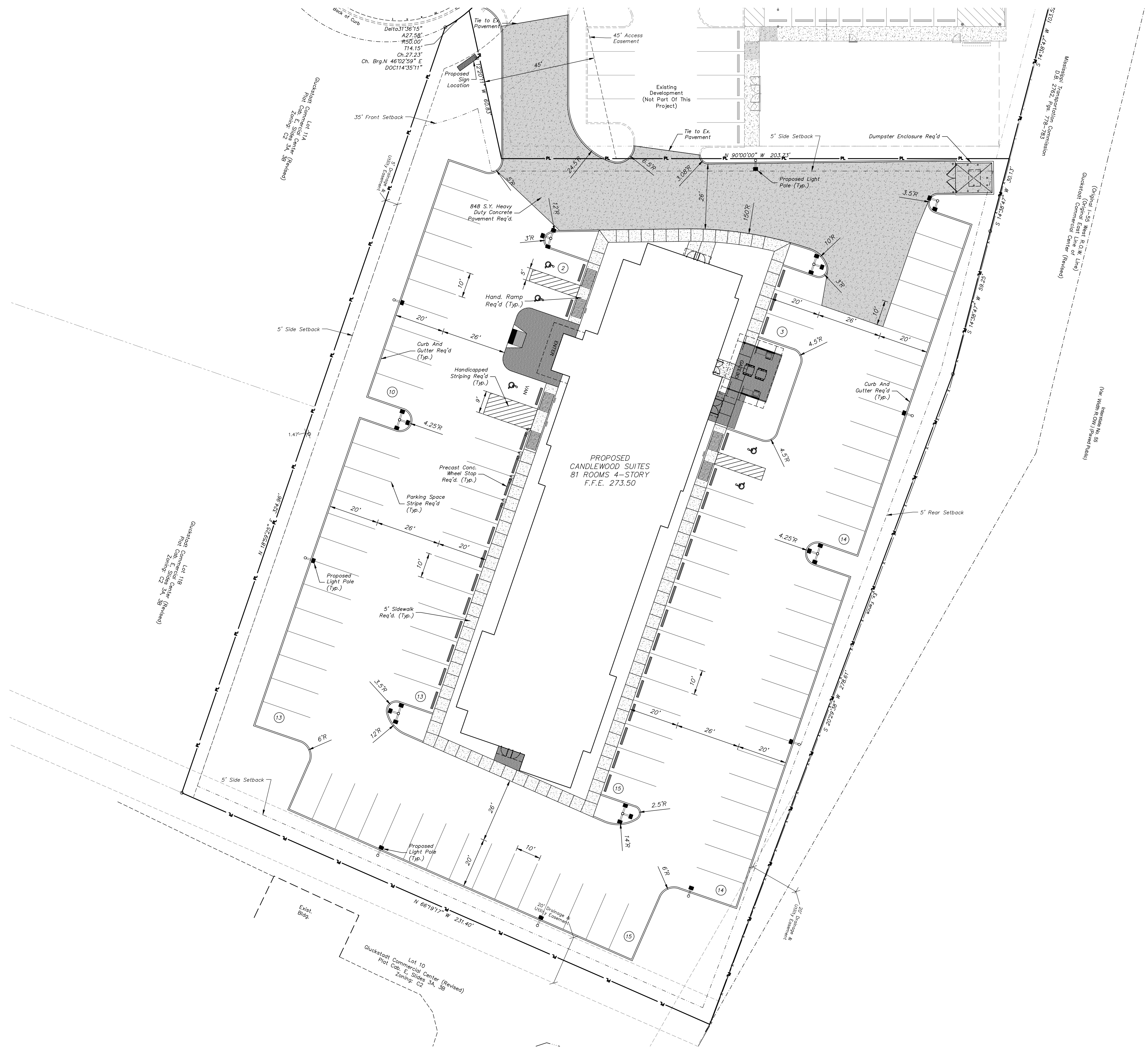
PROJECT NUMBER B-7302

DATE:	4/5/24	DRAWN:	JH	REVISIONS:	
CHECKED:	GAB	SCALE:	1" = 20'		
REF C/L:		EG SURFACE:			
		FG SURFACE:			

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES
 SHEET CONTENTS:
SITE PLAN

SHEET NUMBER
4 of 16
 PROJECT NUMBER
B-7302



PROJECT SITE INFORMATION:

CURRENT ZONING - C-2, HIGHWAY COMMERCIAL DISTRICT

MINIMUM SETBACK REQUIREMENTS:
 FRONT - 35'
 SIDE - 5'
 REAR - 5'

APPROXIMATE PROJECT ACREAGE: ±1.75 AC

APPROXIMATE ACREAGE BREAKDOWN:
 PROPOSED BUILDING - 0.259 AC (11,276± S.F.), 14.47%
 PROPOSED SIDEWALKS - 0.069 AC (3021± S.F.), 3.85%
 PROPOSED DRIVES/PARKING - 0.88 AC (38,486± S.F.), 49.16%
 GREEN AREA - 0.552 AC (24,045± S.F.), 30.84%

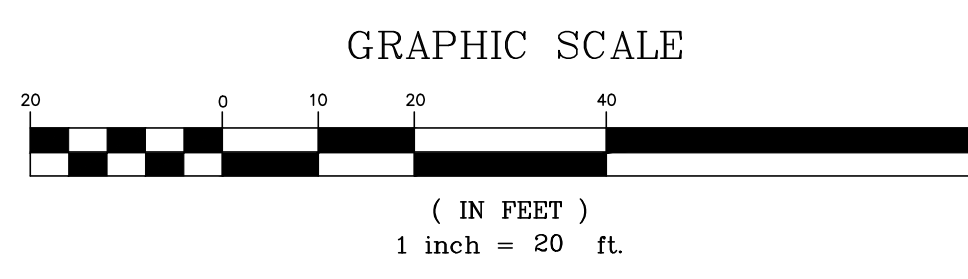
PARKING REQUIRED: 122 SPACES REQUIRED*
 PARKING PROVIDED: 99 NEW SPACES, INCLUDING 5 HANDICAPPED

*A VARIANCE ON THE NUMBER OF PARKING SPACES AND THE SITE PLAN WAS APPROVED BY THE MADISON COUNTY BOARD OF SUPERVISORS AT THE NOV. 2, 2020 BOS MEETING.

HEAVY DUTY CONCRETE (RIGID) PAVING REQ'D.
 CONCRETE SIDEWALK REQ'D.

NOTE: ALL PAVING NOT NOTED AS ONE OF THE ABOVE SHALL BE CONSIDERED LIGHT DUTY CONCRETE

- NOTE:
- SEE TYPICAL SECTIONS AND PROJECT SPECIFICATIONS FOR PAVING REQUIREMENTS.
 - RADIAL DIMENSIONS ARE MEASURED FROM THE BACK OF CURB. PARKING LOT DIMENSIONS ARE TO THE FACE OF CURB.
 - SEE ARCHITECTURAL PLANS FOR MORE DETAILS ON THE BUILDINGS AND DUMPSTER ENCLOSURE.
 - ANY PAVING NOT DELINEATED AS A FORM OF CONCRETE OR HEAVY DUTY CONCRETE PAVING SHALL BE CONSIDERED LIGHT DUTY CONCRETE PAVING.
 - PARKING SPACE STRIPING SHALL BE 4" MINIMUM WIDTH AND PAINTED WHITE.
 - ITEMS NOTED AS LEGEND STRIPING SHALL BE THERMOPLASTIC INSTALLED PER MOOT REQUIREMENTS FOR SIZE AND THICKNESS. ALL REMAINING STRIPING SHALL BE FAST DRYING SOLVENT BASED TRAFFIC PAINT FOR USE ON BITUMINOUS AND PORTLAND CEMENT CONCRETE PAVEMENT. PAINT SHALL MEET THE REQUIREMENTS OF SECTION 710 OF THE LATEST EDITION OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - IT IS THE OWNER'S RESPONSIBILITY TO OBTAIN PERMISSION TO PERFORM WORK ON ADJACENT PROPERTY FROM THE PROPERTY OWNERS SHOULD IT BE NECESSARY TO COMPLETELY INSTALL IMPROVEMENTS.
 - PRIOR TO INSTALLATION OF CURB & GUTTER THE CONTRACTOR SHALL PROVIDE ENGINEER WITH A MARKED UP DRAWING SHOWING WHERE REVERSED GUTTER CURB IS PROPOSED FOR HIS REVIEW AND APPROVAL.

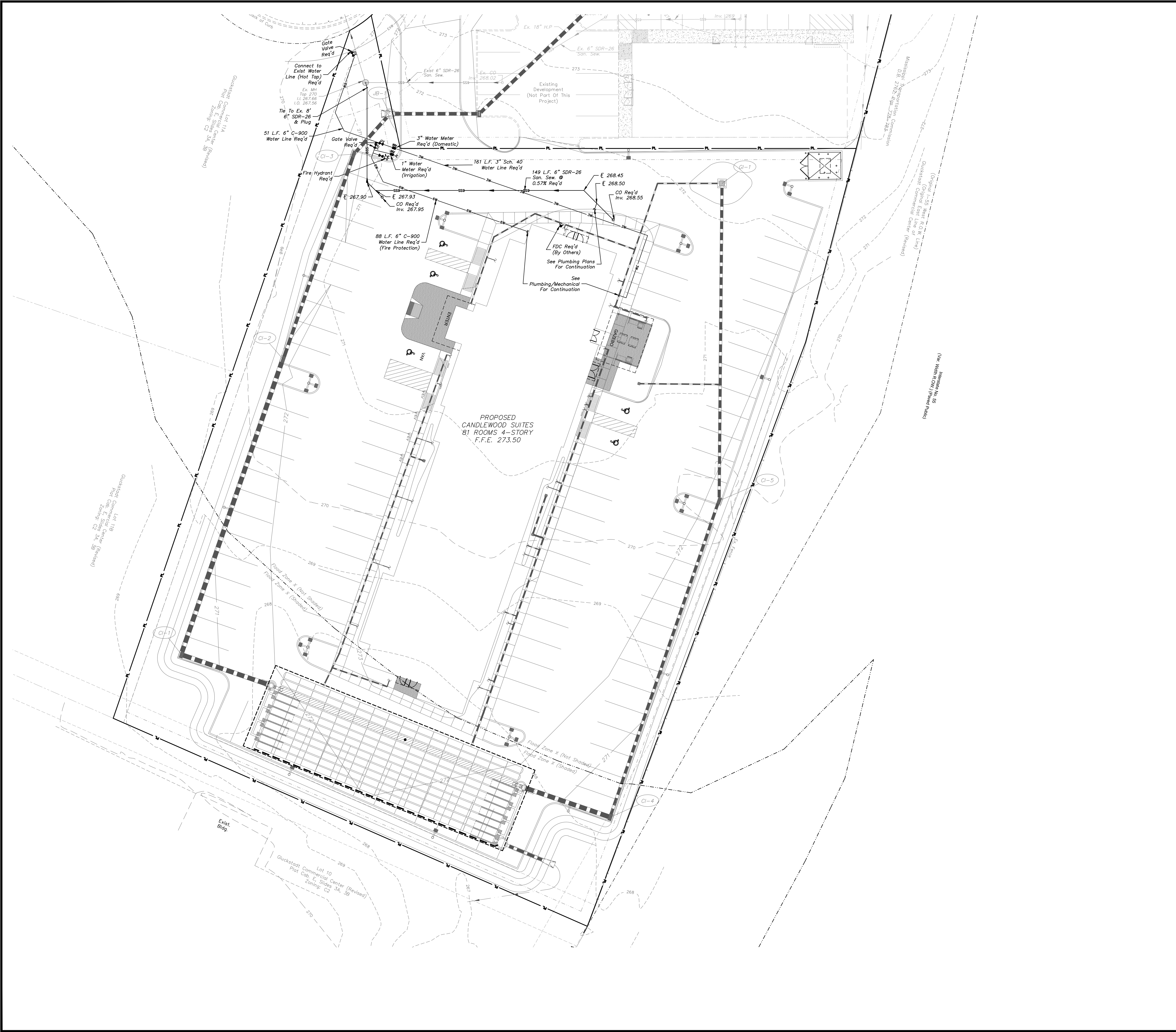


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CHECKED: GAB	SCALE: 1" = 20'	
REF C/L:	EG SURFACE:	
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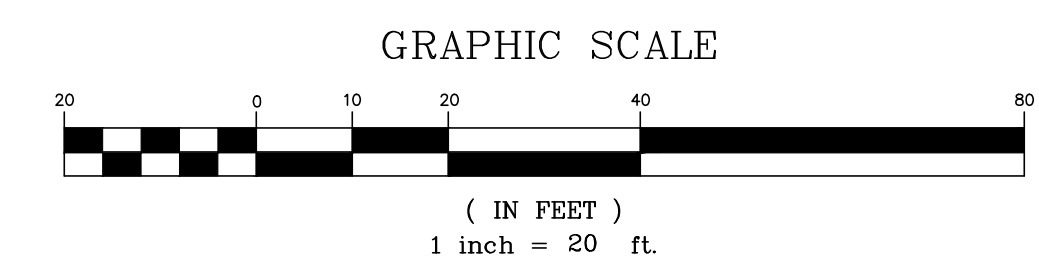
PROJECT LOCATION: DEES PLAZA MADISON COUNTY, MISSISSIPPI
CLIENT: BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT: CANDLEWOOD SUITES
SHEET CONTENTS: WATER & SEWER LAYOUT

SHEET NUMBER 5 of 16
PROJECT NUMBER B-7302



- NOTES:
- SEE NOTES ON SHEET 2, DETAIL DRAWINGS & PROJECT
 - ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE MARKED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 811 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS. CONTRACTOR SHALL POT-HOLE EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 - CONTRACTOR TO VERIFY EXISTING LOCATION AND ELEVATION OF ALL UTILITY INFRASTRUCTURE REQUIRED FOR COMPLETION OF THIS PROJECT IN FULL PRIOR TO BEGINNING ANY ASPECT OF CONSTRUCTION. THIS INCLUDES ALL ON-SITE AND OFF-SITE UTILITIES AS REQUIRED. SHOULD ANY DISCREPANCIES BE FOUND THEY SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEER'S ATTENTION IN WRITING TO RECEIVE FURTHER INSTRUCTION.
 - CONTRACTOR SHALL COORDINATE ALL WORK DIRECTLY INVOLVING, CROSSING OR IN THE VICINITY OF AN EXISTING UTILITY LINE WITH UTILITY PROVIDER/OWNER.
 - WATER AND SANITARY SEWER LINES TO BE INSTALLED ACCORDING TO THE PROJECT DETAILS AND SPECIFICATIONS.
 - TRACER WIRE REQUIRED ON ALL NEW WATER LINES NO MATTER THE SIZE. ACCESS BOXES SHALL BE INSTALLED AS REQUIRED FOR CONTINUOUS CONDUCTIVITY IN WIRE FOR LOCATION PURPOSES AND NOTED ON THE DRAWINGS WHERE THEY WERE INSTALLED. CONTRACTOR SHALL PROVIDE ENGINEER WITH DRAWING SHOWING PROPOSED LOCATION OF ACCESS BOXES PRIOR TO INSTALLATION.
 - CONTRACTOR TO COMPARE THE PROPOSED SIZE AND PROPOSED BUILDING TIE-IN LOCATION OF ALL WATER AND SANITARY SEWER LINES WITH THE BUILDING/PLUMBING PLANS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES.
 - ALL FITTING SHALL BE RESTRAINED WITH MEGA LUGS.
 - GATE VALVES AND OTHER FITTING SHALL BE CONNECTED DIRECTLY TO EACH OTHER.
 - THRUST BLOCKING REQ'D UNDER ALL VALVES AND ON ALL FITTINGS.
 - CONTRACTOR SHALL COORDINATE WATER SERVICE REQUIREMENTS WITH THE WATER ASSOCIATION AND PAY ALL FEES ASSOCIATED WITH SUCH.



BENCHMARK
ENGINEERING & SURVEYING, LLC
 101 Highpointe Court, Suite B
 Brandon, MS 39042
 601-827-7780
 www.benchmark.ms.net

DATE: 4/5/24	DRAWN: KDR	REVISIONS:
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	FG SURFACE:	

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI

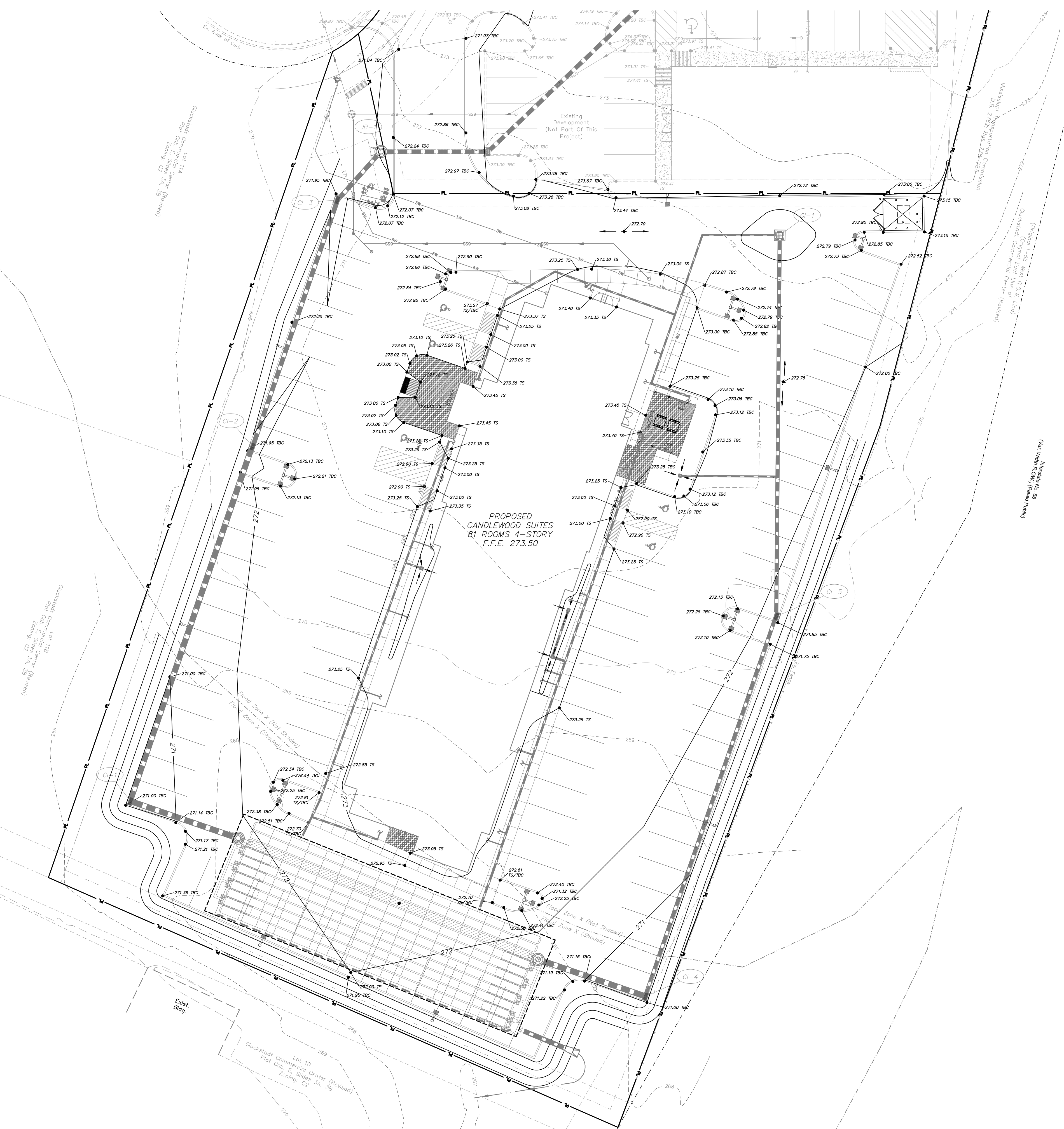
CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES

SHEET CONTENTS:
GRADING PLAN

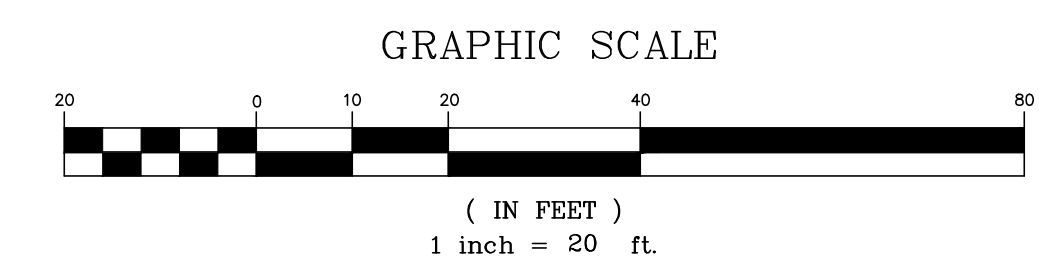
SHEET NUMBER
6 of 16

PROJECT NUMBER
B-7302



SPOT ELEVATION LEGEND
 TBC = TOP BACK OF CURB
 TS = TOP OF SIDEWALK
 TP = TOP OF PAVEMENT

- NOTES:
- SEE NOTES ON SHEET 2, DETAIL DRAWINGS & PROJECT SPECIFICATIONS FOR MORE DETAILED INFORMATION ON INSTALLATION REQUIREMENTS.
 - ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE MARKED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 601-362-4374 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS.
 - PRIOR TO BIDDING THE PROJECT THE CONTRACTOR SHALL POTHOLE EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) OR DRAINAGE SWALES ARE PROPOSED TO CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 - SLOPES THAT ARE GREATER THAN 3:1 SHALL RECEIVE SOLID SOD UNLESS OTHERWISE NOTED.
 - ALL DISTURBED AREAS THAT ARE OUTSIDE THE PROJECT SCOPE/LIMITS SHALL BE REPAIRED TO AS GOOD AS THE ORIGINAL CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE. PICTURE DOCUMENTATION OF THESE AREAS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO DISTURBING TO SERVE AS PROOF OF THE PRE-EXISTING CONDITION.
 - MAINTAIN SLOPE IN HANDICAPPED STALLS AT 1.5% MAXIMUM.
 - PRIOR TO INSTALLATION OF ANY PORTION OF THE CURB AND GUTTER THE CONTRACTOR SHALL PROVIDE ENGINEER WITH A MARKED UP DRAWING SHOWING WHERE REVERSED GUTTER CURB IS PROPOSED FOR HIS REVIEW AND APPROVAL.



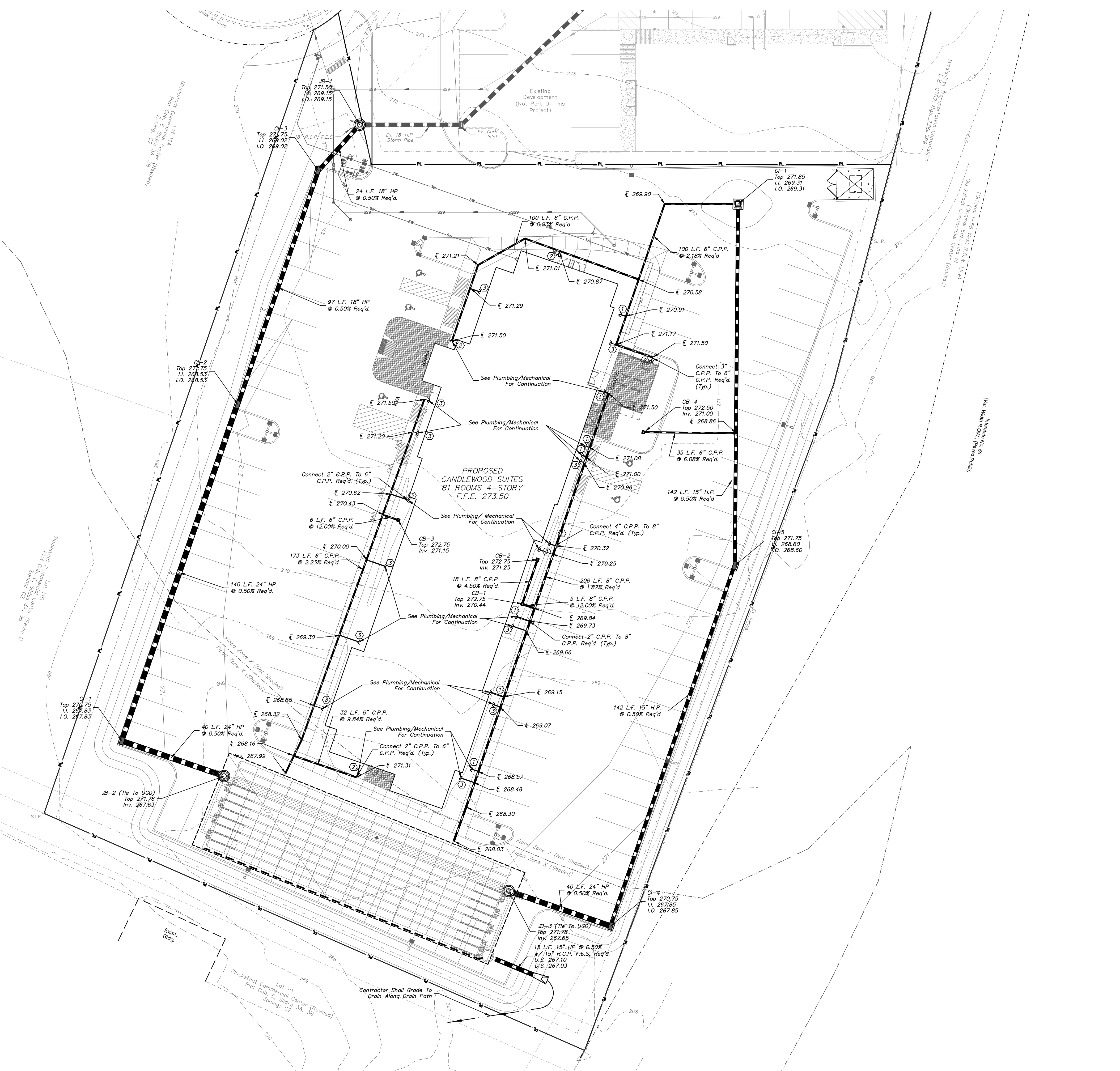
BENCHMARK
ENGINEERING & SURVEYING, LLC
 101 Highpointe Court, Suite B
 Brandon, MS 39042
 601-827-7780
 www.benchmarkms.com

DATE:	4/7/24
CHECKED:	GAB
REF C/L:	
EG SURFACE:	
FG SURFACE:	

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
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 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

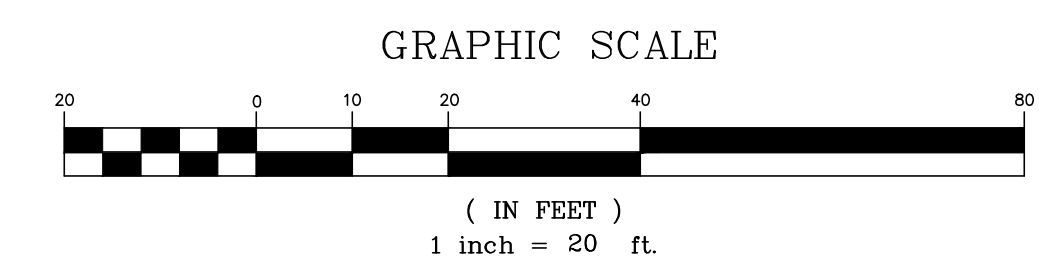
PROJECT:
CANDLEWOOD SUITES
 SHEET CONTENTS:
STORM DRAINAGE LAYOUT

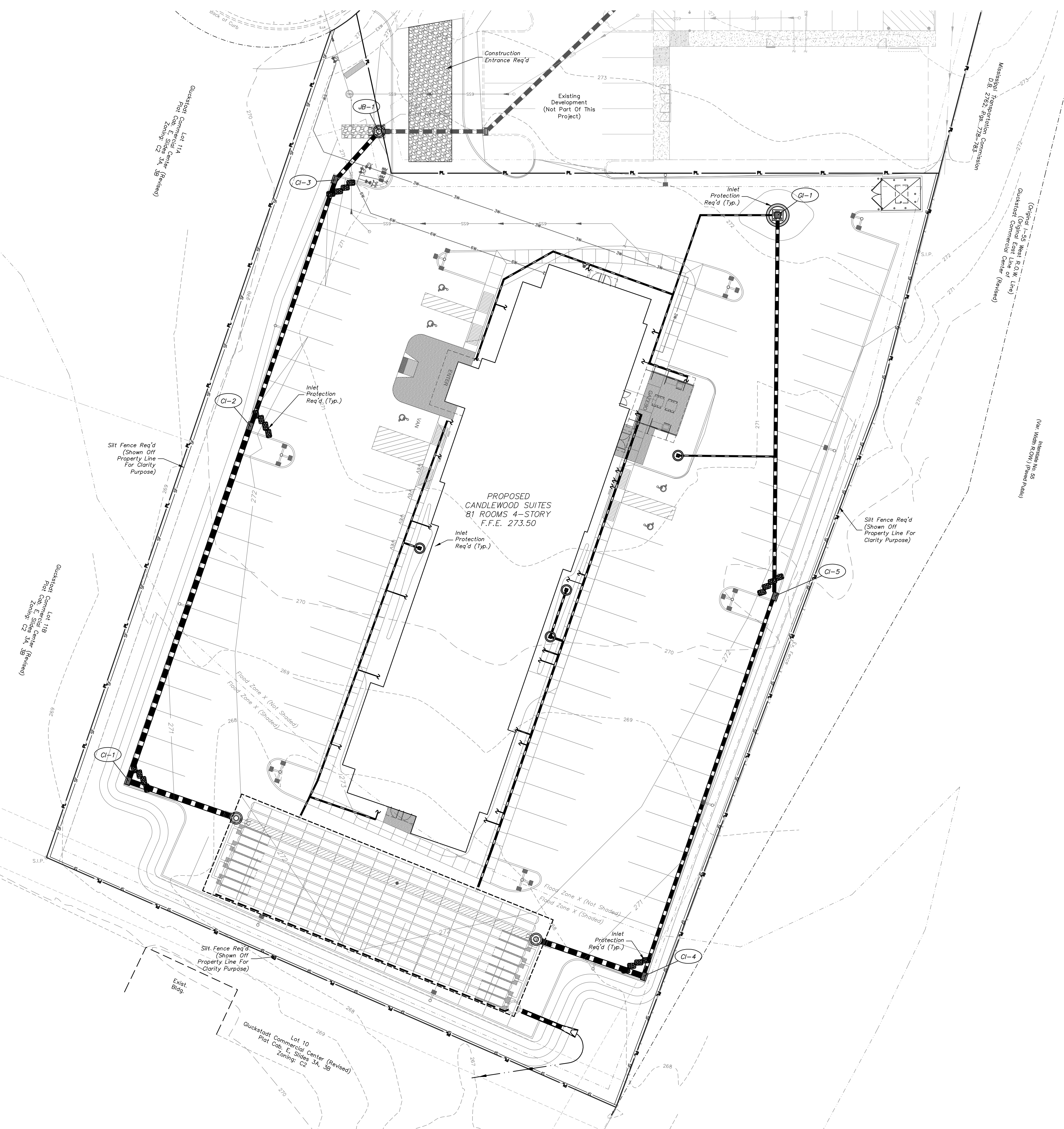
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B-7302



- LEGEND**
- ① 4" C.P.P. REQ'D. FOR CONNECTION TO DOWNSPOUT
 - ② 3" C.P.P. REQ'D. FOR CONNECTION TO DOWNSPOUT
 - ③ 2" C.P.P. REQ'D. FOR CONNECTION TO CONDENSATE LEADER

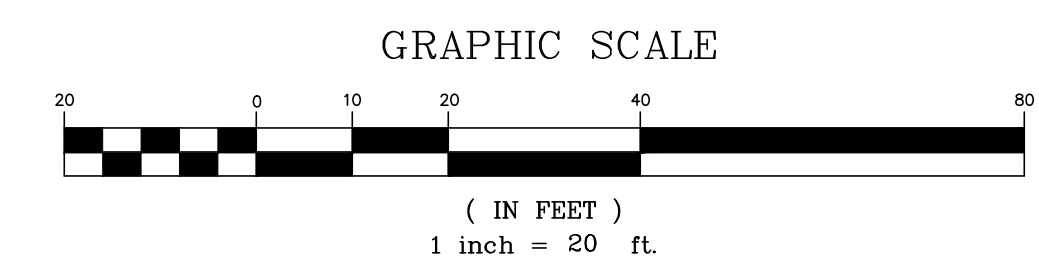
- NOTES:**
1. SEE NOTES ON STORM DRAIN DETAILS & PROJECT SPECIFICATIONS FOR MORE DETAILED INFORMATION ON INSTALLATION REQUIREMENTS.
 2. ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE MARKED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 601-362-4374 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS. CONTRACTOR SHALL POTHOLE EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 3. NOT ALL UTILITY INFRASTRUCTURE REQUIRED OF THIS PROJECT IS SHOWN ON THIS SHEET FOR CLARITY PURPOSES. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DRAWINGS AND ALL THAT IS REQUIRED OF THEM.
 4. INVERT ELEVATIONS SHOWN ON THE PLANS FOR THE STORM DRAIN STRUCTURES AND CULVERTS REPRESENT THE FLOW LINE. CONTRACTOR TO ACCOUNT FOR PIPE OR STRUCTURE THICKNESS WHEN INSTALLING.
 5. THIS PARCEL IS LOCATED IN FLOOD ZONE X (NOT SHADED) AND FLOOD ZONE X (SHADED) ACCORDING TO FLOOD INSURANCE RATE MAP NO. 28090C0415F, COMMUNITY PANEL NO. 280228 0415 F, EFFECTIVE DATE: MARCH 17, 2010.
 6. CURB INLETS (GI-1 & GI-2) SHALL BE NYLOPLAST BASINS WITH 2'X3' DIAGONAL FRAME & GRATE.
 7. GRATE INLETS (GI-1) SHALL BE NYLOPLAST INLETS WITH 2'X2' HEAVY DUTY FRAME AND GRATE AND SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS FOR PROPOSED APPLICATIONS.
 8. PRECAST OR POURED IN PLACE STRUCTURES ARE ALLOWED BUT SHALL BE AT NO EXTRA COST TO THE OWNER.
 9. IT IS INTENDED THAT ALL GRATE INLETS BE SURROUNDED WITH AN 18" WIDE X 6" THICK CONCRETE APRON. THE CORNERS OF THE APRON SHALL BE 0.05'-0.10' HIGHER THAN THE INLET TOP.
 10. SLOPES THAT ARE GREATER THAN 3:1 SHALL RECEIVE SOLID SOD UNLESS OTHERWISE NOTED.
 11. ALL DISTURBED AREAS ARE TO BE REPAIRED TO AS GOOD AS THE ORIGINAL CONDITION OR BETTER. PICTURE DOCUMENTATION OF THESE AREAS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO DISTURBING.
 12. ALL HP STORM PIPE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR PROPOSED APPLICATION.
 13. CONTRACTOR SHALL TIE ROOF DRAIN LINES INTO MAINS USING TEE OR OTHER WATERTIGHT METHOD APPROVED BY ENGINEER.
 14. CATCH BASINS CB-1 & CB-2 SHALL BE 8" ADS IN-LINE DRAINS W/ 12"X12" DUCTILE IRON GRATE. CATCH BASIN CB-3 AND CB-4 SHALL BE 6" ADS IN-LINE DRAIN W/ 12"X12" DUCTILE IRON GRATE. CATCH BASINS SHALL BE FITTED WITH CAP STYLE REDUCER FOR GRATE INSTALLATION AS NEEDED. TEES AND FITTINGS SHALL BE AS REQUIRED BY MANUFACTURER.





- CONSTRUCTION & EROSION CONTROL SEQUENCE SCHEDULE**
- THE SCHEDULE LAID OUT BELOW IS TO PROVIDE CLARIFICATION TO THE CONTRACTOR ON THE INTENDED ORDER OF CONSTRUCTION IN CONJUNCTION WITH THE REQUIRED EROSION CONTROL MEASURES OF THIS PROJECT AS SHOWN ON THIS SHEET AND OTHER CONTRACT DOCUMENTS.
1. INSTALL TEMPORARY CONSTRUCTION ENTRANCE.
 2. INSTALL SANITARY FACILITIES AND TRASH CONTAINERS.
 3. SET UP EQUIPMENT AND MATERIALS STAGING AREA IF NEEDED BY THE CONTRACTOR FOR PROJECT.
 4. INSTALL SILT FENCING ALONG THE DOWNSTREAM BOUNDARY OF ANY AREAS THAT WILL BE DISTURBED.
 5. BEGIN GRADING OPERATIONS TO GET THE PROJECT SITE TO ROUGH GRADE. PLACE ADDITIONAL TEMPORARY MEASURES AS REQUIRED DURING THE GRADING OPERATIONS TO CONTROL RUNOFF.
 6. BEGIN INSTALLING SITE UTILITIES SUCH AS SEWER, STORM DRAIN, WATER SERVICES, ETC.
 7. COMPLETE BUILDING PAD AND BEGIN INSTALLING CURB & PAVING OPERATIONS.
 8. FINE GRADE THE REMAINDER OF THE DISTURBED AREAS OF THE SITE.
 9. STABILIZE THE PROJECT SITE WITH PERMANENT SEED & MULCH OR PER LANDSCAPING PLAN AND INSTALL ANY OTHER PERMANENT EROSION CONTROL MEASURES THAT MAY NOT BE IN PLACE.
 10. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES IN DRAINAGE BASINS ONCE IMPROVEMENTS REQ'D IN THESE PLANS HAS BEEN COMPLETED AND AREAS DISTURBED DURING INSTALLATION OF SUCH HAS BEEN STABILIZED WITHIN SAID BASIN WITH 90% VEGETATIVE COVER.

- EROSION CONTROL NOTES:**
1. ALL DISTURBED AREAS SHALL BE TREATED WITH PERMANENT SEED & MULCH (COMMON BERMUDA) ONCE SUCH HAS REACHED FINAL GRADE OR AS REQUIRED PER THE LANDSCAPING PLAN. REQUIREMENTS OF THE LANDSCAPING PLAN GOVERN. SHOULD THE CONSTRUCTION SCHEDULE NOT BE CONDUIVE TO PLANTING BERMUDA PER SPECIFICATIONS, THEN THE CONTRACTOR SHALL SUBMIT AN ALTERNATE SPECIES FOR APPROVAL.
 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THE SMALL CONSTRUCTION NOTICE OF INTENT (SCNOI) AND FILL IN THE PRIME CONTRACTOR'S INFORMATION AND KEEP READILY AVAILABLE AT THE JOB SITE. ALL REQUIREMENTS OF THE SCNOI ARE THE CONTRACTOR'S RESPONSIBILITY INCLUDING BUT NOT LIMITED TO ALL REQUIRED INSPECTIONS, WEEKLY REPORTS AND MAINTENANCE OF THE SITE.
 3. S.C.N.O.I. COVERAGE SHALL BE TRANSFERRED TO SITE PROJECT CONTRACTOR ONCE PROJECT IS AWARDED. SUCH COVERAGE SHALL THEN BE TRANSFERRED TO GENERAL CONTRACTOR ONCE SITE PACKAGE REQUIREMENTS HAVE BEEN COMPLETED. THIS IS THE CONTRACTOR'S RESPONSIBILITY AND COPIES OF SUCH SHALL BE PROVIDED TO ENGINEER AND OWNER.
 4. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES THAT DISTURB EXISTING GROUND.
 5. CONTRACTOR IS TO EVALUATE ALL STORM WATER MANAGEMENT CONTROLS A MINIMUM OF ONCE PER WEEK AND AFTER RAINFALL EVENTS TO DETERMINE EFFECTIVENESS OF THE EROSION AND SILTATION CONTROL MEASURES. ADDITIONAL MEASURES TO BE INSTALLED AS NEEDED TO CONTROL SEDIMENT (ABSORBED). INSPECTION REPORTS TO BE FILLED OUT ONCE PER WEEK NOTING ALL ACTIONS (IF ANY) REQUIRED.
 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AND REPAIR ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTENANCE OR REPLACEMENT OF ANY TEMPORARY EROSION CONTROL MEASURES.
 7. TEMPORARY EROSION CONTROL MEASURES DEPICTED ON THIS DRAWING ARE MINIMUM REQUIREMENTS TO BE UTILIZED IN DEVELOPMENT OF THE SITE-SPECIFIC STORMWATER POLLUTION PREVENTION PLAN AND ARE NOT MEANT TO ADDRESS ALL OF THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT.
 8. IT IS THE INTENT OF THE SPECIFICATIONS THAT THE WORK SHALL PROCEED IN A MANNER AND SEQUENCE TO ENSURE THAT ESTABLISHMENT OF PERMANENT EROSION CONTROL ITEMS ARE ACCOMPLISHED IMMEDIATELY AFTER FINISH GRADING.
 9. EFFECTIVE USE OF TEMPORARY MEASURES, INCLUDING SEDIMENT BASINS, TEMPORARY SEEDING, ETC. SHALL BE MADE SO AS TO PREVENT OR MINIMIZE EROSION AND SILTATION UNTIL PERMANENT MEASURES ARE ESTABLISHED.
 10. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL @ 811 AT LEAST 48 HOURS BEFORE IMPROVEMENTS ARE MADE.
 11. CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES TO CONTROL SILTATION.
 12. SEE THE EROSION CONTROL DETAIL SHEET FOR MORE DETAIL ON THE INSTALLATION OF THE REQUIRED EROSION CONTROL MEASURES.
 13. ONCE THE PERMANENT EROSION CONTROL MEASURES ARE IN PLACE A FINAL SITE INSPECTION IS TO BE COORDINATED BY THE CONTRACTOR WITH THE ENGINEER AND THE OWNER. ONCE SITE MEETS ALL PARTIES SPECIFICATIONS THE CONTRACTOR WITH BE RELIEVED OF THE RESPONSIBILITIES OF THIS CONTRACT.
 14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EROSION CONTROL MEASURES SHOULD, TO THE EXTENT PRACTICABLE:
 - A. DIVERT UP-SLOPE WATER AROUND DISTURBED AREAS OF THE SITE
 - B. LIMIT THE EXPOSURE OF DISTURBED AREAS TO THE SHORTEST AMOUNT OF TIME POSSIBLE
 - C. MINIMIZE THE AMOUNT OF SURFACE AREA THAT MUST BE DISTURBED
 - D. IMPLEMENT BEST MANAGEMENT PRACTICES TO MITIGATE ADVERSE IMPACTS FROM STORM WATER RUNOFF
 - E. REMOVE SEDIMENT THAT WOULD CONTRIBUTE TO OR CAUSE ADVERSE IMPACTS TO STATE WATERS FROM STORM WATER BEFORE IT LEAVES THE SITE



DATE:	4/5/24	DRAWN:	JH
CHECKED:	GAB	SCALE:	1" = 20'
REF C/L:		EC SURFACE:	
		FG SURFACE:	

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES
 SHEET CONTENTS:
EROSION CONTROL LAYOUT

SHEET NUMBER
8 of 16
 PROJECT NUMBER
B-7302

REVISIONS:	
DRAWN: JH	
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PROJECT LOCATION:
DEES PLAZA
MADISON COUNTY, MISSISSIPPI

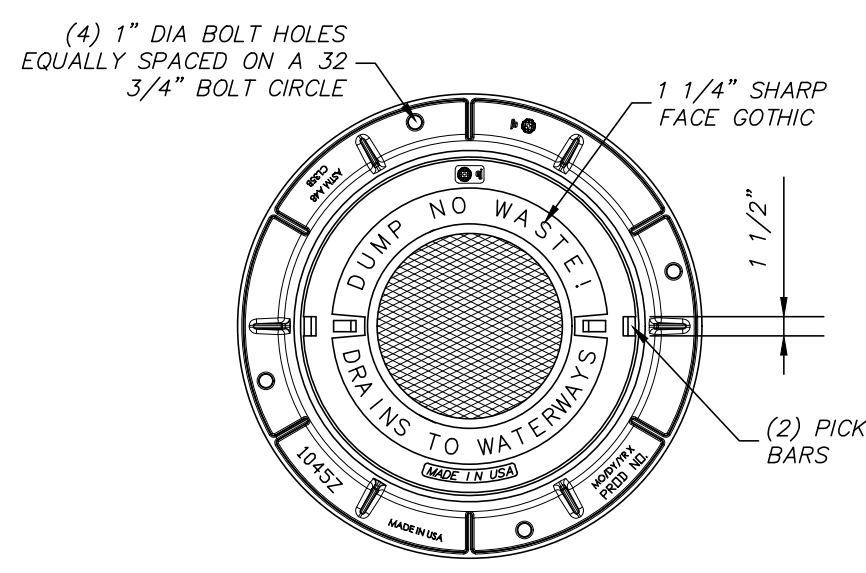
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BDP GROUP, LLC
602 SPRINGRIDGE ROAD, CLINTON, MS

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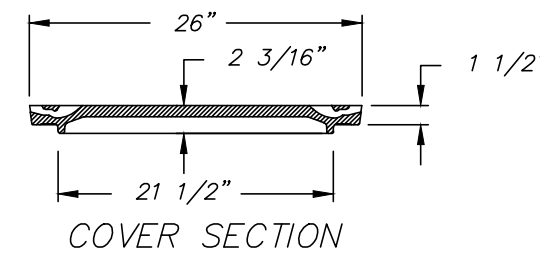
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STORM DRAIN DETAILS

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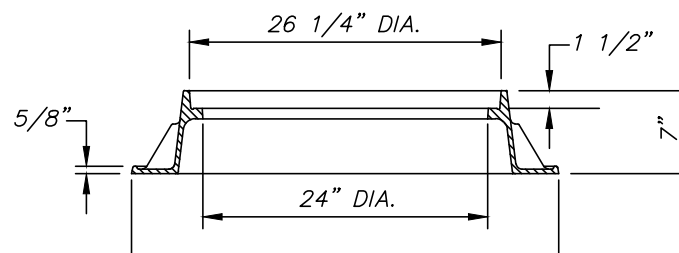
PROJECT NUMBER
B-7302



FRAME & COVER PLAN VIEW



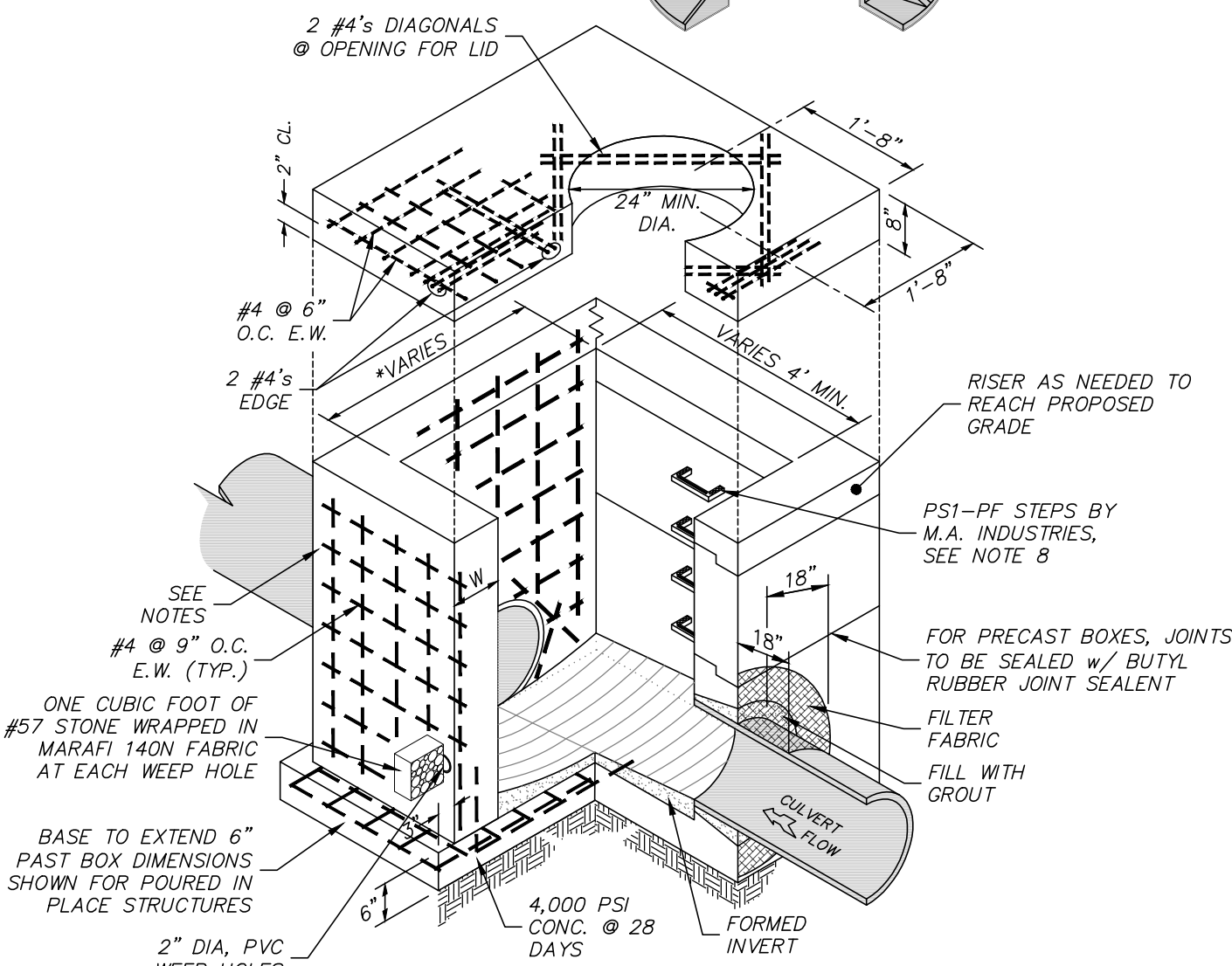
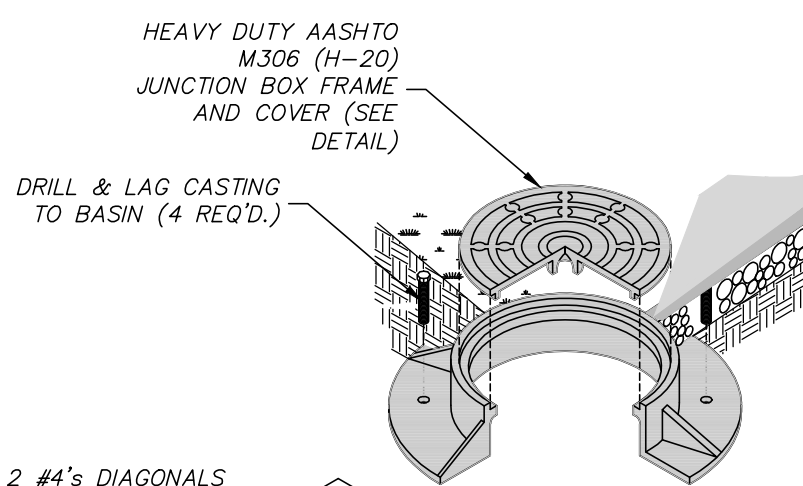
COVER SECTION



FRAME SECTION

NOTE: FRAME & COVER SHOWN IS EAST JORDAN IRON WORKS 10452 FRAME & 1040A COVER ASSEMBLY. ALTERNATE FRAME AND COVER WILL BE CONSIDERED BUT MUST HAVE A 24" MINIMUM OPENING, MANUFACTURED AND TESTED IN ACCORDANCE WITH AASHTO M306 FOR TRAFFIC SERVICE, HAVE PICKBARS OF HOLES FOR COVER REMOVAL, & MEET OTHER SPECIFICATIONS OF THE FRAME AND COVER SHOWN.

JUNCTION BOX FRAME AND COVER

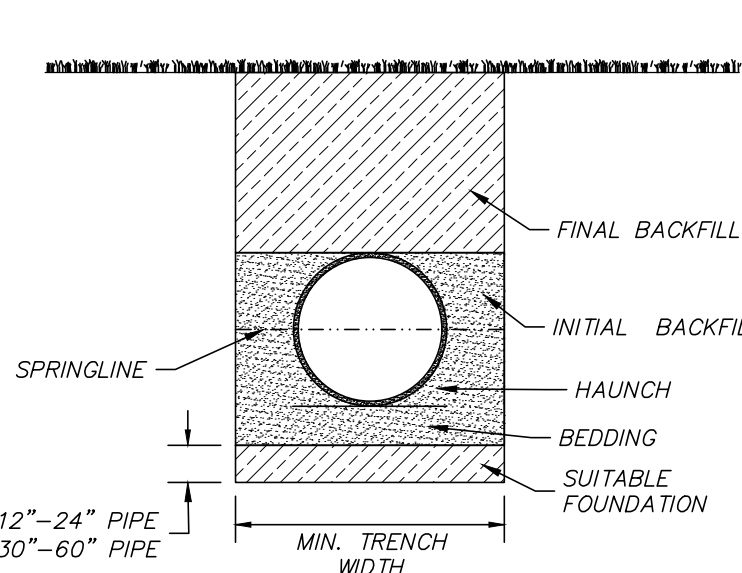


NOTE: WALL THICKNESS, "W", FOR PRECAST BOXES SHALL BE 5" MIN., FOR POURED IN PLACED SHALL BE 6" MIN.

JUNCTION BOX NOTES:

- BOXES MAY BE PRECAST IF ELEVATIONS ALLOW, POURED IN PLACE (4000 PSI 28 DAY COMPRESSIVE STRENGTH) OR NYLOPLAST. PRECAST MANHOLES WITH CONE TOPS MAY BE USED FOR JUNCTION BOX IF THE PIPE SIZES ALLOW.
- WIDTHS AND DEPTHS OF CATCH BASINS DETERMINED BY PIPE SIZES AND ANGLES AND CASTINGS TO BE USED. A MINIMUM OF 6" FROM THE OUTSIDE EDGE OF THE PIPE TO THE INSIDE EDGE OF THE WALL IS REQUIRED.
- CONTRACTOR TO ENSURE THAT WATER IS NOT ALLOWED TO POND BEHIND THE INLET BOXES DURING CONSTRUCTION.
- ON PRECAST CONCRETE BOXES THE LIFT HOLES ON EACH SECTION TO BE SEALED WATERTIGHT WITH NONSHRINK GROUT INSIDE AND OUT.
- GROUT FOR JOINING PIPE TO PRECAST UNITS WILL BE A COMMERCIAL, NON-SHRINK, MASONRY GROUT MEETING MDOT SPECIFICATIONS. ALL VOIDS SHALL BE FILLED WITH PIECES OF BLOCKS OR BRICKS PRIOR TO GROUTING. GROUTING REQUIRED INSIDE AND OUT. FILTER CLOTH SHALL SURROUND EACH OUTSIDE PIPE CONNECTION TO BOX A MINIMUM OF 18" ON WALL OF BOX AND ALONG PIPE. PIPE CONNECTIONS TO INLETS SHALL NOT BE BACKFILLED WITHOUT CITY'S DESIGNER PRIOR INSPECTION AND APPROVAL.
- BOXES SHALL HAVE FORMED INVERTS OUT OF NON-SHRINK GROUT SLOPING TO DRAIN TO OUTLET CULVERT.
- STEPS REQ'D. IN STRUCTURES GREATER THAN 48" IN DEPTH. FIRST STEP TO BE 18" FROM THE BOTTOM WITH 12" SPACING BETWEEN REMAINING STEPS.
- PRECAST BOXES SHALL BE POURED IN SECTIONS AS NEEDED AND RECOMMENDED BY THE MANUFACTURER TO GET TO DESIRED ELEVATION.
- BOX WIDTH WILL VARY DEPENDENT ON THE SIZE OF THE PIPES ENTERING AND LEAVING THE BOX. IT IS UP TO THE CONTRACTOR/MANUFACTURER TO DETERMINE SIZE OF BOX.
- JUNCTION BOXES SHALL BE MANUFACTURED OR POURED SO THAT THE ROUND MH LID IS THE ONLY PART OF THE STRUCTURE THAT IS VISIBLE ONCE FINAL GRADING HAS BEEN DONE. CONTRACTOR SHALL INSTALL RISERS AS NEEDED TO ENSURE THAT A MINIMUM OF 6" OF SOIL CAN BE PLACED ON TOP OF THE BOX TO COVER IT IN GRASSED AREAS AND 4" OF SOIL PLUS PAVING STRUCTURE IN PAVED AREAS.
- ALL ITEMS SHOWN ON THIS DETAIL INCLUDING FRAME AND COVER AND OTHER INCIDENTALS TO PROVIDE OWNER WITH COMPLETE INSTALLATION AND CONNECTION OF PIPING SHALL BE INCLUDED IN THE PER EACH PAY ITEM "JUNCTION BOX".

JUNCTION BOX



HP STORM TRENCH INSTALLATION

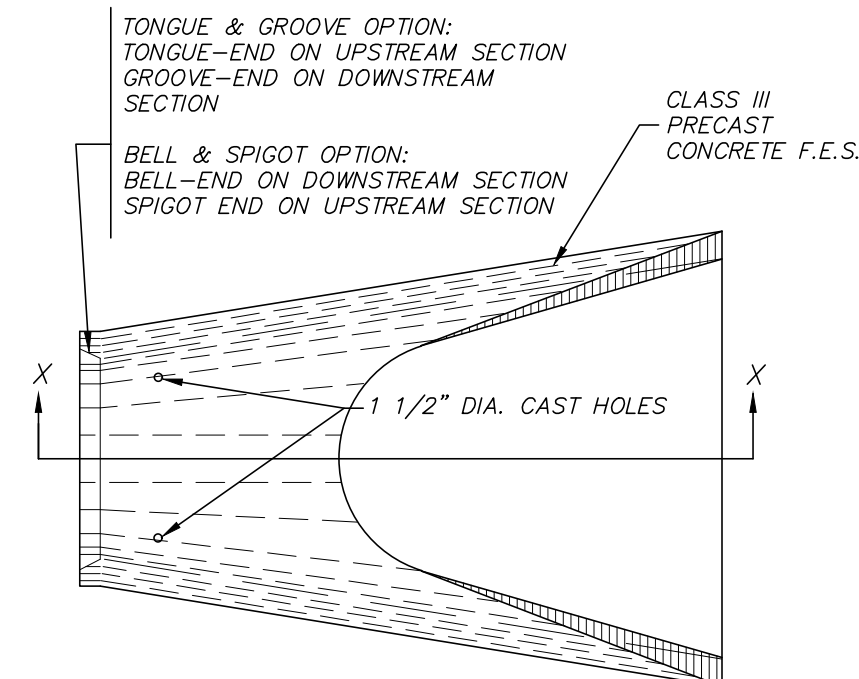
HP STORM TRENCH INSTALLATION NOTES:

- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2921, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS". LATEST EDITION, WITH THE EXCEPTION THAT THE INITIAL BACKFILL MAY EXTEND TO THE CROWN OF THE PIPE. SOIL CLASSIFICATIONS ARE PER THE LATEST VERSION OF ASTM D2321, CLASS I/IV MATERIALS (MH, CH) AS DEFINED IN PREVIOUS VERSIONS OF ASTM D2321 ARE NOT APPROPRIATE BACKFILL MATERIALS.
- MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. COMPACTION SHALL BE A MINIMUM OF 95% UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 12"-24" DIAMETER PIPE, 6" FOR 30"-60" DIAMETER PIPE. THE MIDDLE 1/3 BENEATH THE PIPE INVERT SHALL BE LOOSELY PLACED.
- INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING TO THE CROWN OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION. COMPACTION SHALL BE A MINIMUM OF 95% TO THE SPRINGLINE OF THE PIPE AND 90% TO THE CROWN OF THE PIPE.
- FINAL BACKFILL: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREA) IS 12" FROM THE TOP OF THE PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, CLASS I OR II MATERIAL COMPACTED TO 85% SPD AND CLASS III COMPACTED TO 95% SPD IS REQUIRED. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.
- MAXIMUM FILL HEIGHTS SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATION.

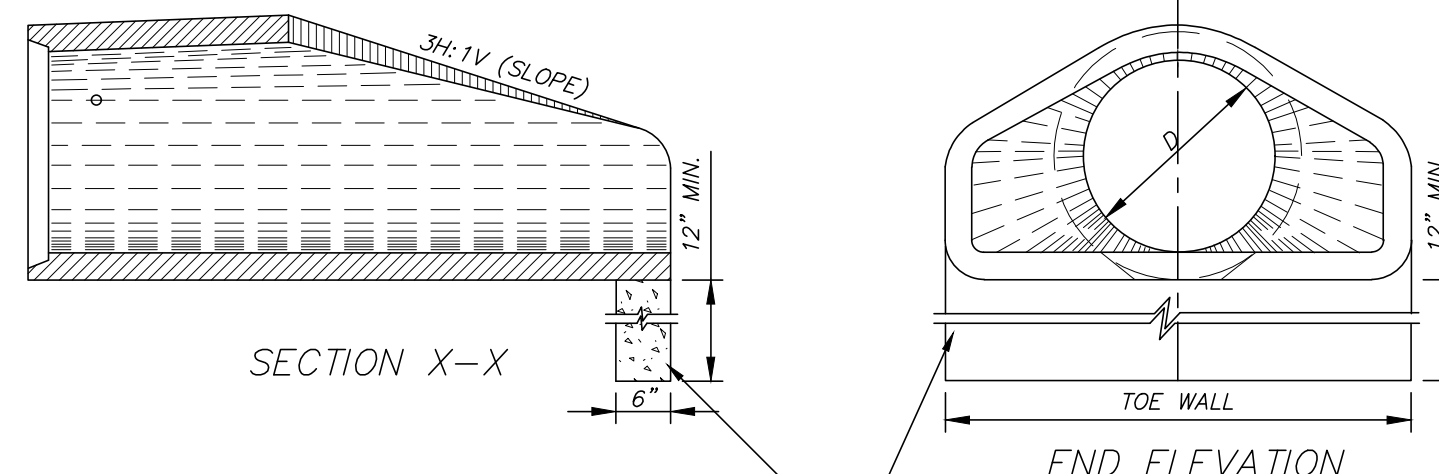
HP STORM TRENCH INSTALLATION

RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
60"	96"



PLAN OF DOWNSTREAM END



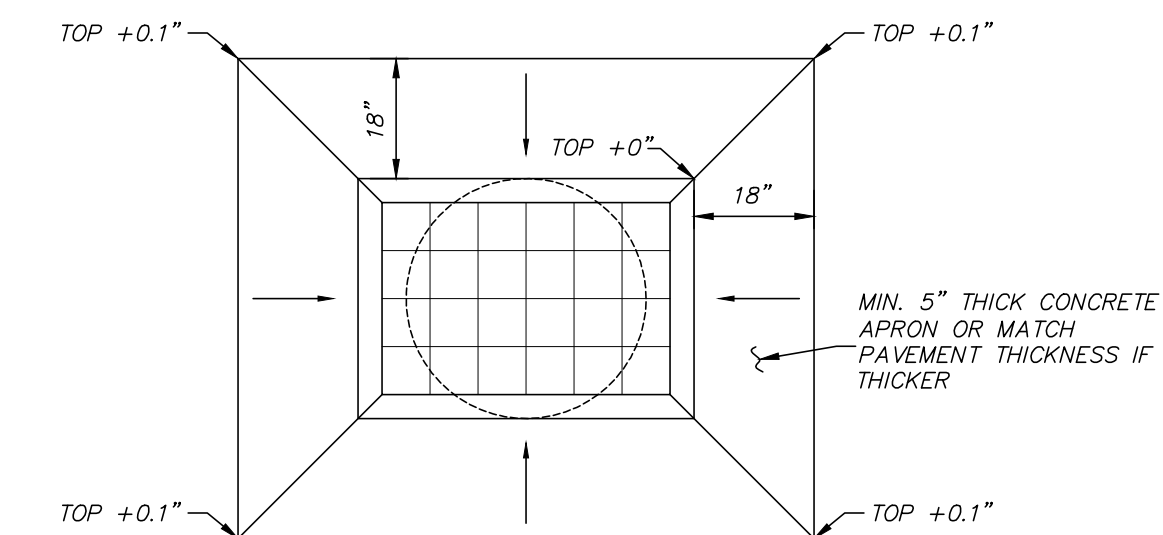
SECTION X-X

END ELEVATION

CONCRETE FLARED END SECTION NOTES:

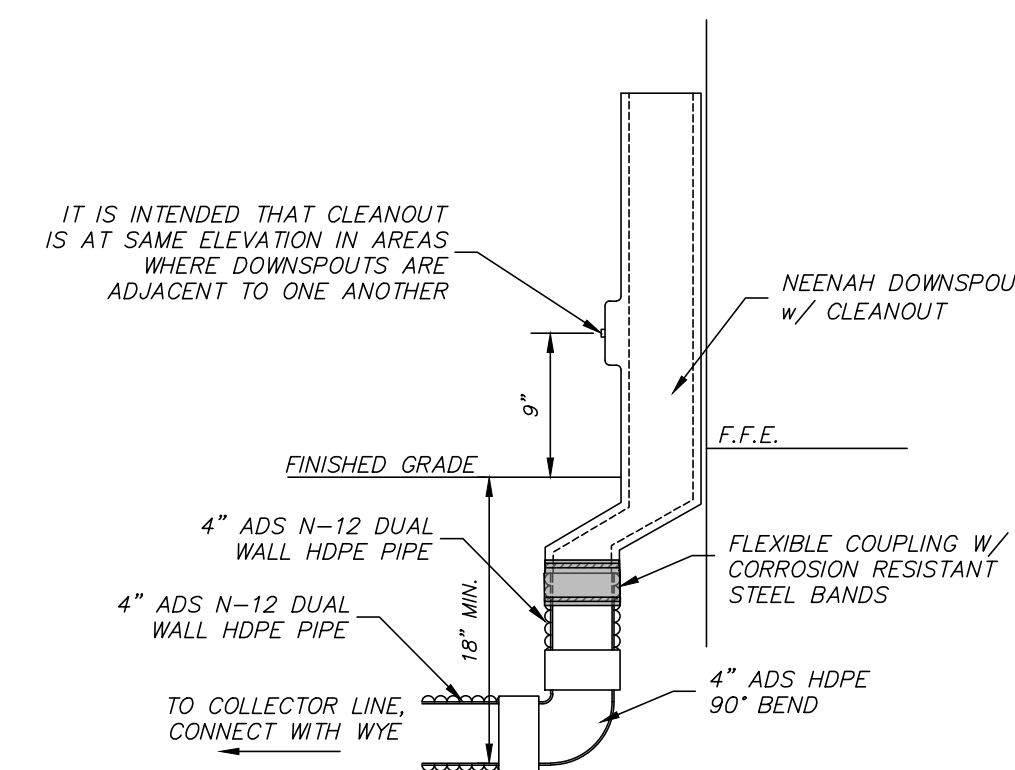
- ALL FLARED END SECTIONS SHALL BE PRECAST STRUCTURES MADE IN ACCORDANCE WITH THE REQUIREMENTS OF MDOT STANDARD DETAIL WORKING NUMBER FE-1, SHEET 6530 FOR CLASS III CONCRETE ROUND PIPE AND WORKING NUMBER FE-1A, SHEET 6531 FOR CLASS III CONCRETE ARCH PIPE.
- ALL LIFT HOLES SHALL BE SEALED WITH NON-SHRINK GROUT PER MDOT SPECIFICATIONS FOR SEALING CONCRETE PIPE.
- TOE WALL REQUIRED ON ALL FLARED END SECTIONS AND SHALL RUN FULL WIDTH OF FLARED END SECTION.
- CONCRETE FLARED END SECTIONS PLACED AT CONNECTION TO HP PIPE SHALL BE DOUBLE WRAPPED FULLY W/ FILTER CLOTH AND SECURED WITH A CONCRETE COLLAR CENTERED ON THE JOINT PER THE CONCRETE COLLAR DETAIL OR CONNECTED W/ DISSIMILAR MARMAC COUPLER (SHOWN ON THIS SHEET). COST FOR SUCH SHALL BE ABSORBED IN THE FLARED END SECTIONS PAY ITEM.

CONCRETE FLARED END SECTION



TYPICAL CONCRETE APRON

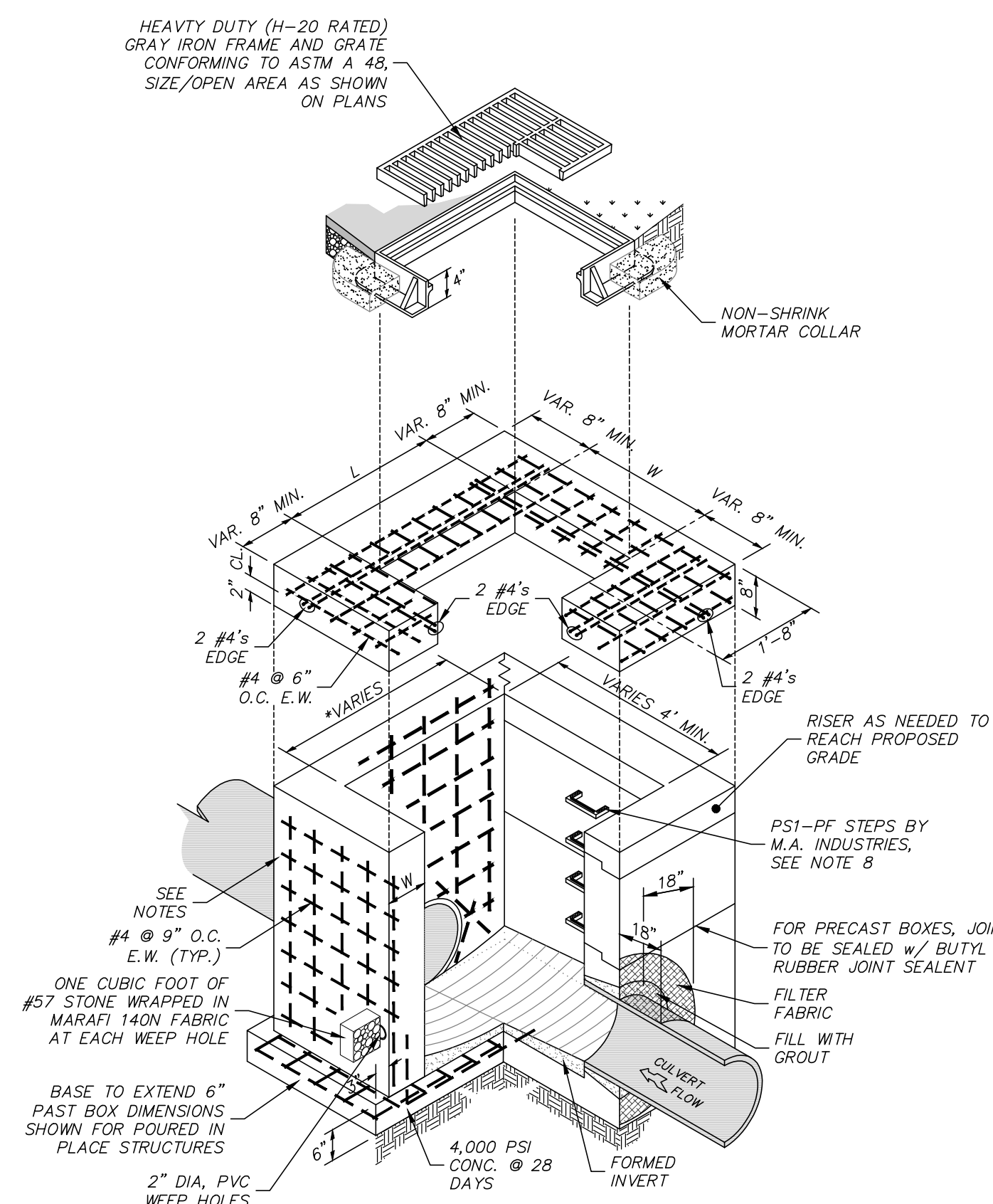
NOTE: CONCRETE APRON SHALL BE NON-REINFORCED PORTLAND CEMENT CONCRETE AND SHALL HAVE A MINIMUM 28-DAY FLEXURAL STRENGTH OF 650 PSI AND A COMPRESSIVE STRENGTH OF 4,000 PSI.



NOTES:

- CONTRACTOR SHALL ADJUST FLOWLINE ELEVATION AS NEEDED TO AVOID CONFLICTS WITH OTHER UTILITIES OR PAVING.
- ALL CONNECTIONS SHALL BE MADE WATER TIGHT.

TYPICAL DOWNSPOUT CONNECTION DETAIL

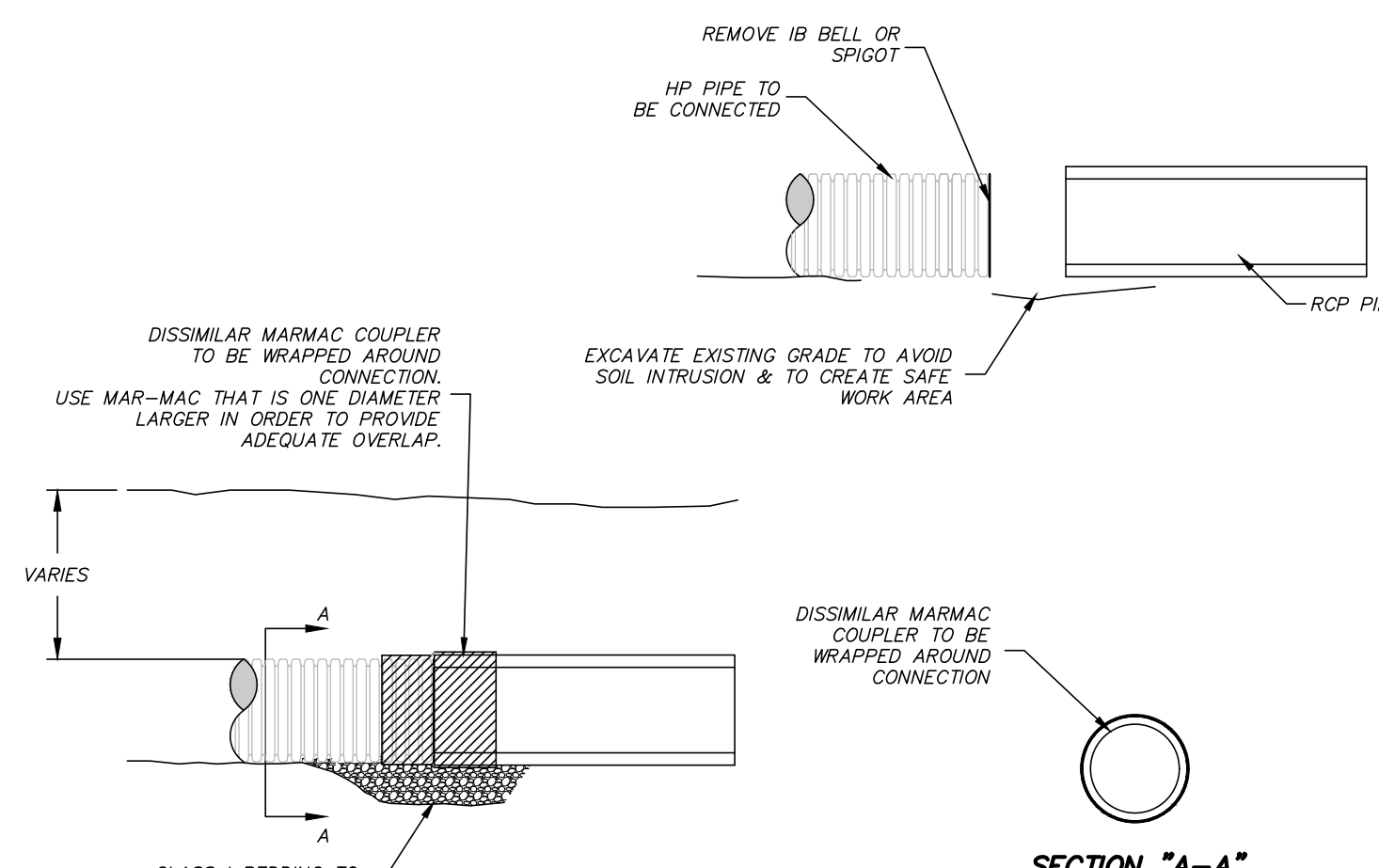


NOTE: WALL THICKNESS, "W", FOR PRECAST BOXES SHALL BE 5" MIN., FOR POURED IN PLACED SHALL BE 6" MIN.

GRATE INLET NOTES:

- "L" AND "W" DIMENSIONS WILL VARY DEPENDING ON THE TYPE OF CASTING SPECIFIED ON THE DRAWINGS. IT IS INTENDED THAT THE FRAME BE CENTERED ON THE BOX UNLESS NOTED OTHERWISE.
- BOXES MAY BE PRECAST IF ELEVATIONS ALLOW OR POURED IN PLACE (4000 PSI 28 DAY COMPRESSIVE STRENGTH). PRECAST MANHOLES WITH CONE TOPS MAY BE USED FOR GRATE INLETS IF THE REQUIRED GRATE AND PIPE SIZES ALLOW.
- WIDTHS AND DEPTHS OF CATCH BASINS DETERMINED BY PIPE SIZES AND ANGLES AND CASTINGS TO BE USED. A MINIMUM OF 12" FROM THE OUTSIDE EDGE OF THE PIPE TO THE INSIDE EDGE OF THE WALL IS REQUIRED.
- CONTRACTOR TO ENSURE THAT WATER IS NOT ALLOWED TO POND BEHIND THE INLET BOXES DURING CONSTRUCTION.
- ON PRECAST CONCRETE BOXES THE LIFT HOLES ON EACH SECTION TO BE SEALED WATERTIGHT WITH NON-SHRINK GROUT INSIDE AND OUT.
- GROUT FOR JOINING PIPE TO PRECAST UNITS WILL BE A COMMERCIAL, NON-SHRINK, MASONRY GROUT MEETING MDOT SPECIFICATIONS. ALL VOIDS SHALL BE FILLED WITH PIECES OF BLOCKS OR BRICKS PRIOR TO GROUTING. GROUTING REQUIRED INSIDE AND OUT. FILTER CLOTH SHALL SURROUND EACH OUTSIDE PIPE CONNECTION TO BOX A MINIMUM OF 18" ON WALL OF BOX AND ALONG PIPE. PIPE CONNECTIONS TO INLETS SHALL NOT BE BACKFILLED WITHOUT CITY'S DESIGNER PRIOR INSPECTION AND APPROVAL.
- BOXES SHALL HAVE FORMED INVERTS OUT OF NON-SHRINK GROUT SLOPING TO DRAIN TO OUTLET CULVERT.
- STEPS REQ'D. IN STRUCTURES GREATER THAN 48" IN DEPTH. FIRST STEP TO BE 18" FROM THE BOTTOM WITH 12" SPACING BETWEEN REMAINING STEPS.
- PRECAST BOXES SHALL BE POURED IN SECTIONS AS NEEDED AND RECOMMENDED BY THE MANUFACTURER TO GET TO DESIRED ELEVATION.
- BOX WIDTH WILL VARY DEPENDENT ON THE SIZE OF THE PIPES ENTERING AND LEAVING THE BOX. IT IS UP TO THE CONTRACTOR/MANUFACTURER TO DETERMINE SIZE OF BOX.
- GRATE INLETS SHALL BE MANUFACTURED OR POURED SO THAT THE FRAME AND GRATE IS THE ONLY PART OF THE BOX THAT IS VISIBLE ONCE FINAL GRADING HAS BEEN DONE. CONTRACTOR SHALL INSTALL RISERS AS NEEDED TO ENSURE THAT A MINIMUM OF 6" OF SOIL CAN BE PLACED ON TOP OF THE BOX TO COVER IT IN GRASSED AREAS AND 4" OF SOIL PLUS PAVING STRUCTURE IN PAVED AREAS.
- ALL ITEMS SHOWN ON THIS DETAIL INCLUDING FRAME AND COVER AND OTHER INCIDENTALS TO PROVIDE OWNER WITH COMPLETE INSTALLATION AND CONNECTION OF PIPING SHALL BE INCLUDED IN THE PER EACH PAY ITEM "GRATE INLET".

GRATE INLET



NOTES:

- CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321, LATEST EDITION.
- AN INTERNAL CYLINDER MAY BE INSERTED INTO THE ID OF THE EXISTING PIPE AND MINIMIZE JOINT MOVEMENT. HOWEVER, AN INTERNAL CYLINDER IS NOT RECOMMENDED FOR DOWNSTREAM CONNECTIONS SUCH AS CONNECTIONS TO F.E.S.
- CONNECTION CAN BE MADE BY POURING A CONCRETE COLLAR PER CONCRETE COLLAR DETAILS (PER MDOT STANDARD IF NOT INCLUDED IN CONTRACT DRAWINGS).
- PAYMENT FOR CONNECTION SHALL BE ABSORBED IN PIPE OR FLARED END SECTION (F.E.S.) PAY ITEM AND SHALL INCLUDE ALL ITEMS SHOWN ON THIS DETAIL AND ANY INCIDENTALS TO MAKE SECURE CONNECTION.

CONNECTING HP STORM PIPE TO R.C.P.

BRANDON FACIANE
504-259-6556
BRANDON.FACIANE@ADSPIPE.COM



SC-310 STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH SC-310.
2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE OR POLYETHYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2922 (POLETHYLENE) OR ASTM F2418 (POLYPROPYLENE), "STANDARD SPECIFICATION FOR CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 400 LBS/FT%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2922 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-310 SYSTEM

1. STORMTECH SC-310 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH SC-310 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONESHOOTER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
6. MAINTAIN MINIMUM - 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
7. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2" (20-50 mm).
8. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
9. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

1. STORMTECH SC-310 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
2. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-310 & SC-740 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER Tired LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

DATE: 4/5/24	DRAWN: GH	REVISIONS:
CHECKED: GAB	SCALE: 1"=1'	
REF C/L:		
EG SURFACE:		
FG SURFACE:		

PROJECT LOCATION: DEES PLAZA MADISON COUNTY, MISSISSIPPI	CLIENT: BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS
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PROJECT: CANDLEWOOD SUITES	SHEET CONTENTS: UNDERGROUND DETENTION DETAILS
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SHEET NUMBER 11 of 16
PROJECT NUMBER B-7302

1. ALL INFORMATION ON THIS SHEET IS UNLESS OTHERWISE SPECIFIED TO BE THE PROPERTY OF ADS PIPE, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

PROPOSED LAYOUT

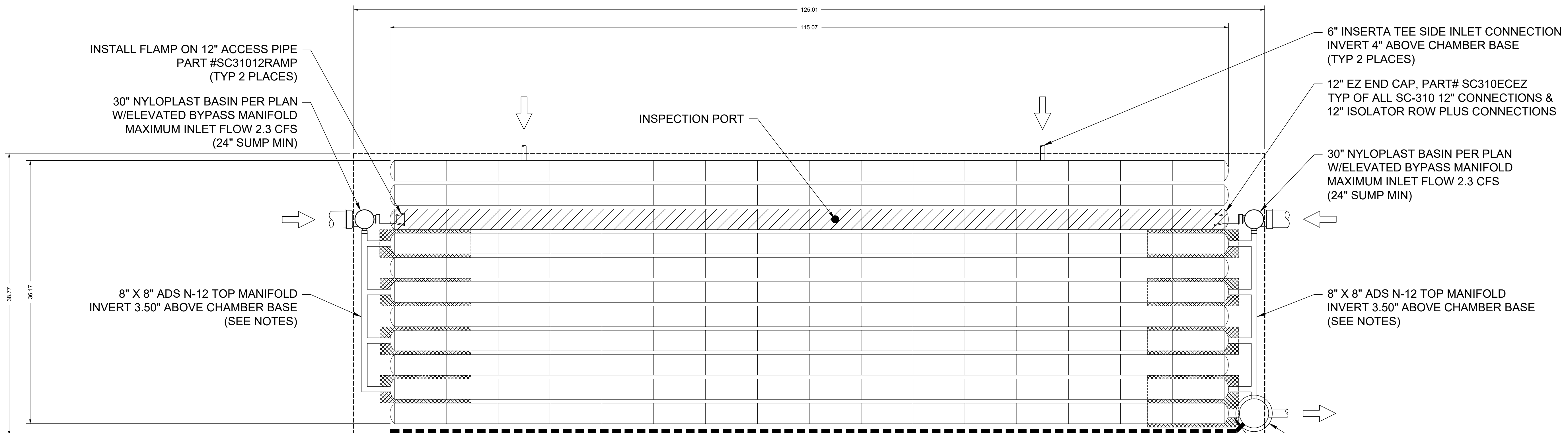
176	STORMTECH SC-310 CHAMBERS
22	STORMTECH SC-310 END CAPS
6	STONE ABOVE (in)
6	STONE BELOW (in)
40	% STONE VOID
6,082	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED)
4846	SYSTEM AREA (ft ²)
327	SYSTEM PERIMETER (ft)

PROPOSED ELEVATIONS

276.93	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)
270.93	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)
270.43	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)
270.43	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)
270.43	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)
269.43	TOP OF STONE
268.93	TOP OF SC-310 CHAMBER
267.93	INSERTA TEE SIDE INLET CONNECTION INVERT
267.89	8" TOP MANIFOLD INVERT
267.68	12" ISOLATOR ROW PLUS CONNECTION INVERT
267.68	12" BOTTOM CONNECTION INVERT
267.60	BOTTOM OF SC-310 CHAMBER
267.10	UNDERDRAIN INVERT
267.10	BOTTOM OF STONE

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.



INSTALL FLAMP ON 12" ACCESS PIPE
PART #SC31012RAMP
(TYP 2 PLACES)

30" NYLOPLAST BASIN PER PLAN
W/ELEVATED BYPASS MANIFOLD
MAXIMUM INLET FLOW 2.3 CFS
(24" SUMP MIN)

8" X 8" ADS N-12 TOP MANIFOLD
INVERT 3.50" ABOVE CHAMBER BASE
(SEE NOTES)

INSPECTION PORT

6" INSERTA TEE SIDE INLET CONNECTION
INVERT 4" ABOVE CHAMBER BASE
(TYP 2 PLACES)

12" EZ END CAP, PART# SC310ECEZ
TYP OF ALL SC-310 12" CONNECTIONS &
12" ISOLATOR ROW PLUS CONNECTIONS

30" NYLOPLAST BASIN PER PLAN
W/ELEVATED BYPASS MANIFOLD
MAXIMUM INLET FLOW 2.3 CFS
(24" SUMP MIN)

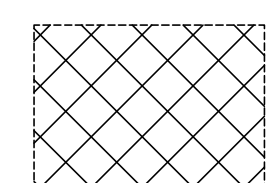
8" X 8" ADS N-12 TOP MANIFOLD
INVERT 3.50" ABOVE CHAMBER BASE
(SEE NOTES)

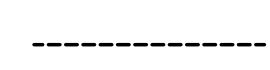
OUTLET STRUCTURE PER PLAN
MAXIMUM OUTLET FLOW 2.7 CFS
(DESIGN BY ENGINEER /
PROVIDED BY OTHERS)

12" ADS N-12 BOTTOM CONNECTION
INVERT 0.90" ABOVE CHAMBER BASE
(SEE NOTES)

6" ADS N-12 DUAL WALL PERFORATED
HDPE UNDERDRAIN
(SIZE TBD BY ENGINEER /
SOLID OUTSIDE PERIMETER STONE)

 ISOLATOR ROW PLUS (SEE DETAIL)

 PLACE MINIMUM 12.5' OF ADSPLUS625 WOVEN GEOTEXTILE
OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET
FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS

 BED LIMITS

BENCHMARK
ENGINEERING & SURVEYING, LLC
CIVIL • STRUCTURAL • PLANNING • SURVEYING • UAV MAPPING
BRANDON | FLOWOOD | MADISON
www.benchmarkeng.com EST. 2004

DATE: 4/5/24	DRAWN: JH	REVISIONS:
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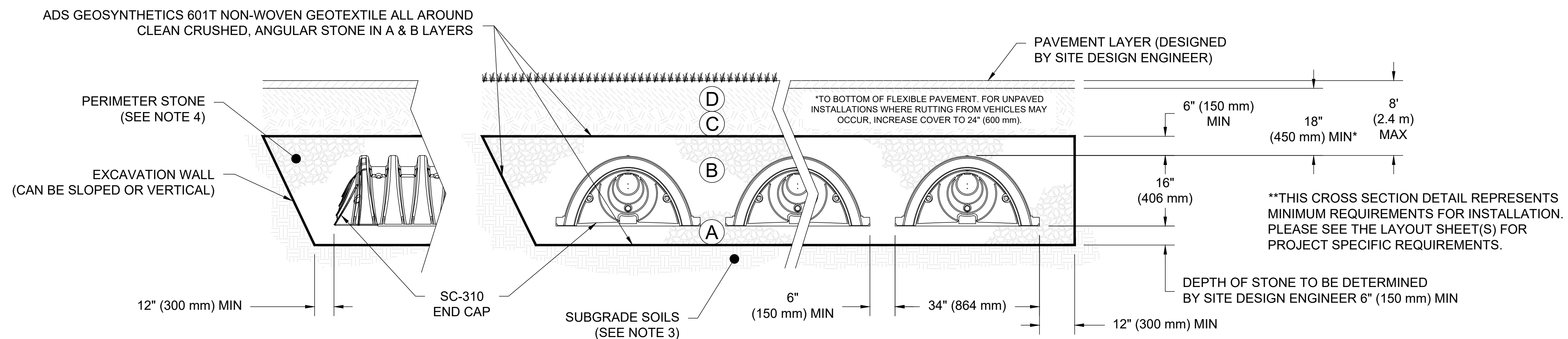
SHEET NUMBER
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PROJECT NUMBER
B-7302

ACCEPTABLE FILL MATERIALS: STORMTECH SC-310 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
 - WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2922 (POLETHYLENE) OR ASTM F2418 (POLYPROPYLENE), "STANDARD SPECIFICATION FOR CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-310 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2922 SHALL BE GREATER THAN OR EQUAL TO 400 LBS/FT/%. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

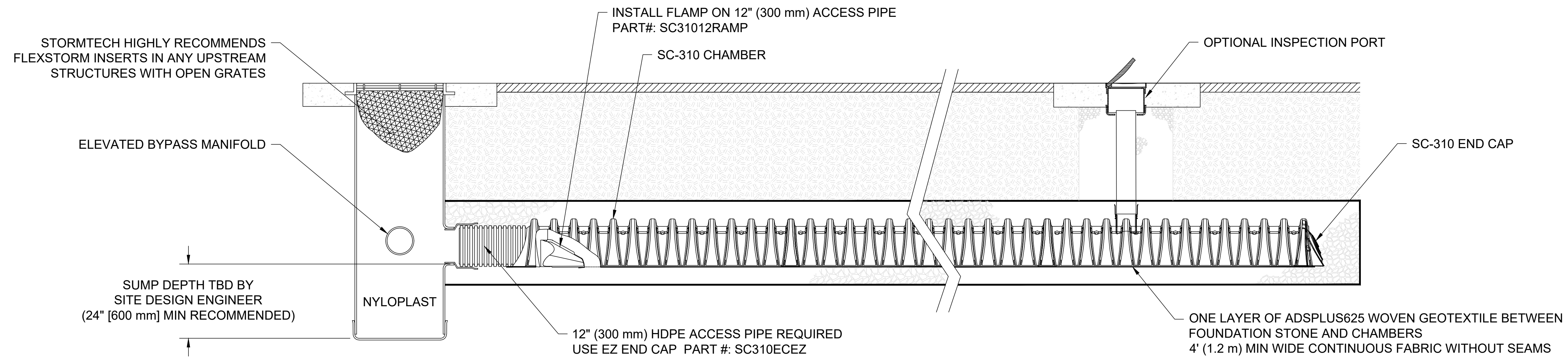


DATE: 03/15/21	DRAWN: GAB
CHECKED: GAB	SCALE: 1"=1'
REF C/L:	EG SURFACE:
FIG. SURFACE:	

PROJECT LOCATION: DEES PLAZA MADISON COUNTY, MISSISSIPPI	CLIENT: BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS
--	--

PROJECT: CANDLEWOOD SUITES	SHEET CONTENTS: UNDERGROUND DETENTION DETAILS
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SHEET NUMBER 13 of 16	PROJECT NUMBER B-B302
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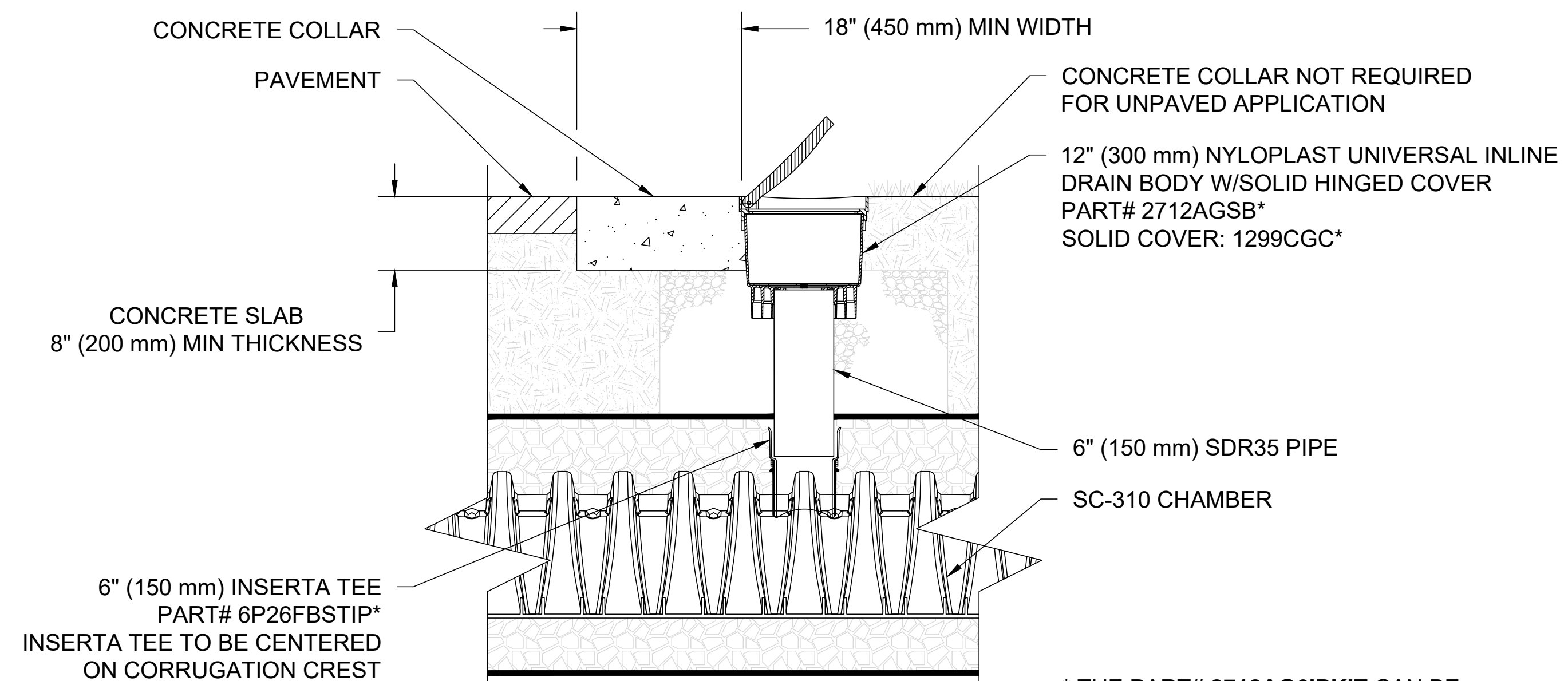
SC-310 ISOLATOR ROW PLUS DETAIL
 NTS

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
 - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - B. ALL ISOLATOR PLUS ROWS
 - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



* THE PART# 2712AG6IPKIT CAN BE USED TO ORDER ALL NECESSARY COMPONENTS FOR A SOLID LID INSPECTION PORT INSTALLATION

SC-310 6" (150 mm) INSPECTION PORT DETAIL
 NTS

DATE: 4/5/24	DRAWN: JH	REVISIONS:
CHECKED: GAB	SCALE: 1"=1'	
REF C/L:	EG SURFACE:	
FG SURFACE:		

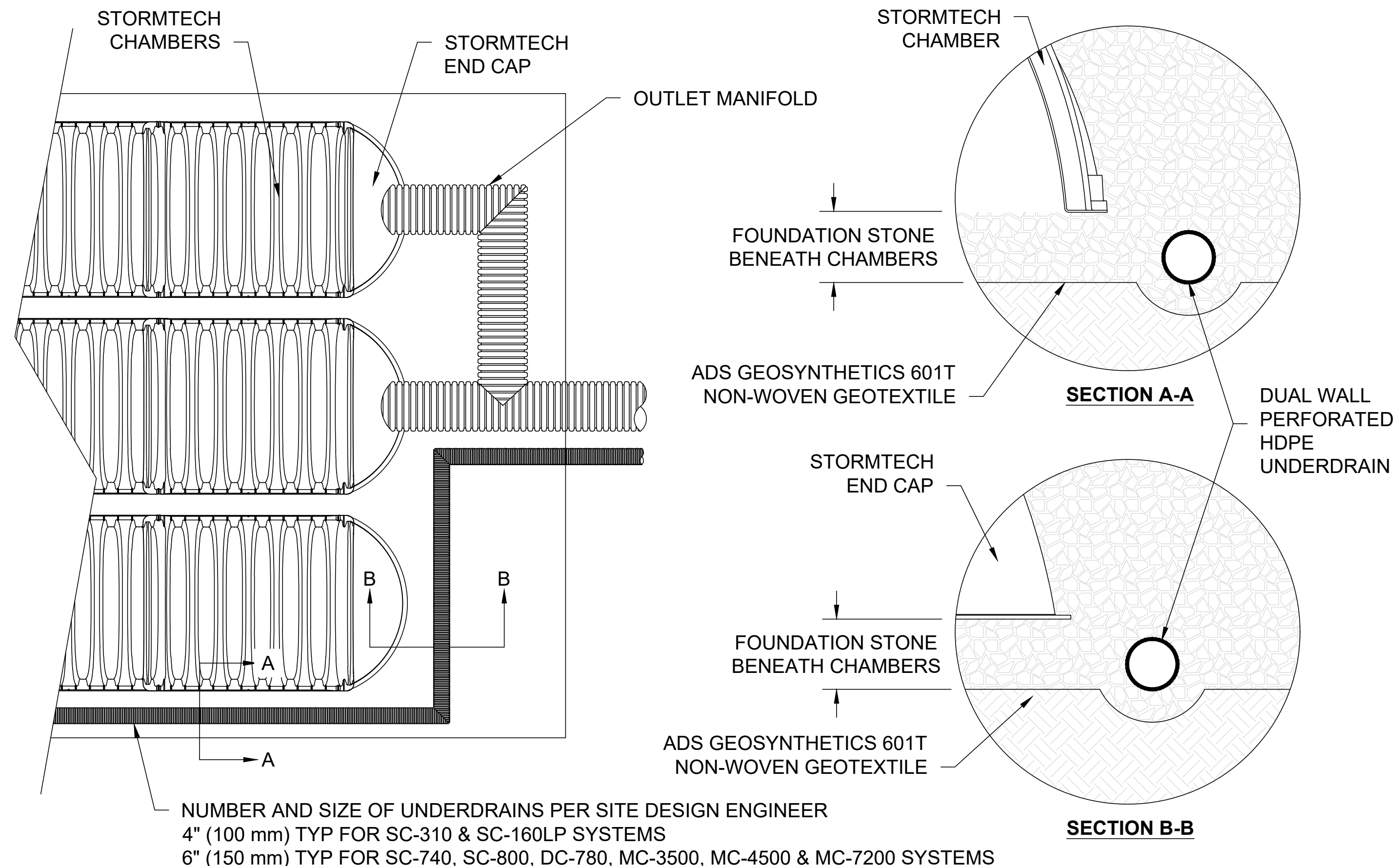
PROJECT LOCATION: DEES PLAZA MADISON COUNTY, MISSISSIPPI	CLIENT: BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS
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PROJECT: CANDLEWOOD SUITES	SHEET CONTENTS: UNDERGROUND DETENTION DETAILS
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SHEET NUMBER 14 of 16	PROJECT NUMBER B-7302
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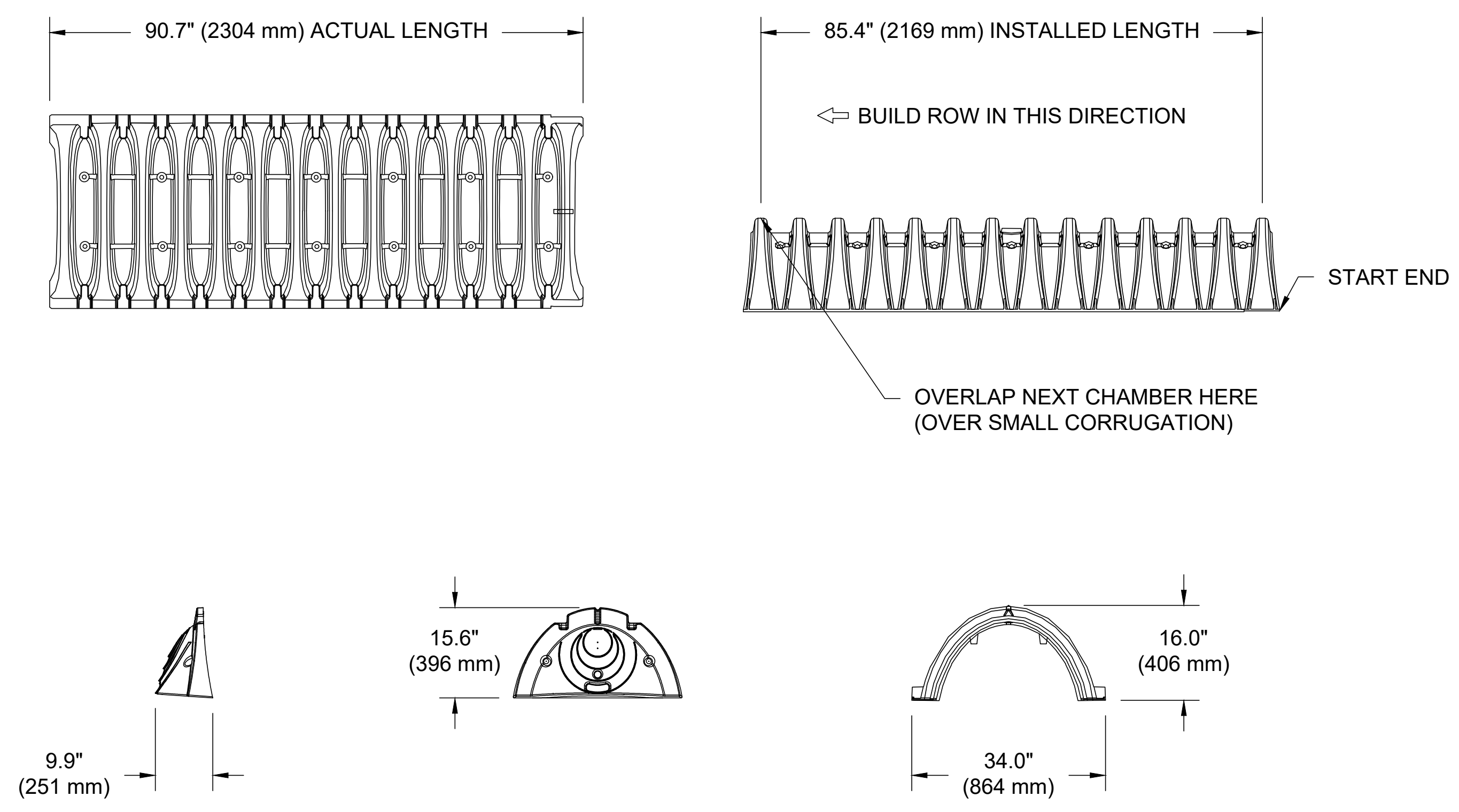
UNDERDRAIN DETAIL

NTS



SC-310 TECHNICAL SPECIFICATION

NTS



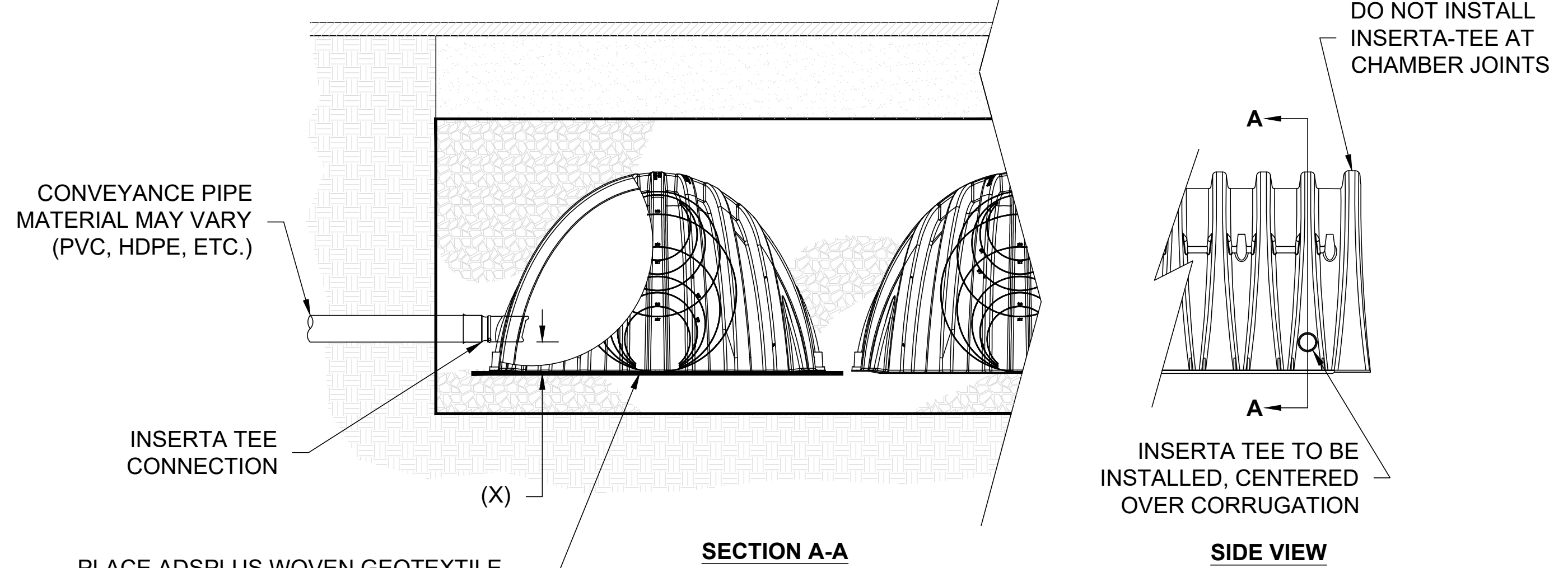
NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	34.0" X 16.0" X 85.4"	(864 mm X 406 mm X 2169 mm)
CHAMBER STORAGE	14.7 CUBIC FEET	(0.42 m ³)
MINIMUM INSTALLED STORAGE*	31.0 CUBIC FEET	(0.88 m ³)
WEIGHT	35.0 lbs.	(16.8 kg)

*ASSUMES 6" (152 mm) ABOVE, BELOW, AND BETWEEN CHAMBERS

INSERTA TEE DETAIL

NTS



PLACE ADSPLUS WOVEN GEOTEXTILE (CENTERED ON INSERTA-TEE INLET) OVER BEDDING STONE FOR SCOUR PROTECTION AT SIDE INLET CONNECTIONS. GEOTEXTILE MUST EXTEND 6" (150 mm) PAST CHAMBER FOOT

CHAMBER	MAX DIAMETER OF INSERTA TEE	HEIGHT FROM BASE OF CHAMBER (X)
SC-310	6" (150 mm)	4" (100 mm)
SC-740	10" (250 mm)	4" (100 mm)
SC-800	10" (250 mm)	4" (100 mm)
DC-780	10" (250 mm)	4" (100 mm)
MC-3500	12" (300 mm)	6" (150 mm)
MC-4500	12" (300 mm)	8" (200 mm)
MC-7200	12" (300 mm)	8" (200 mm)

INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, SCH 40 IPS GASKETED & SOLVENT WELD, N-12, HP STORM, C-900 OR DUCTILE IRON

PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
 PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
 PRE CORED END CAPS END WITH "PC"

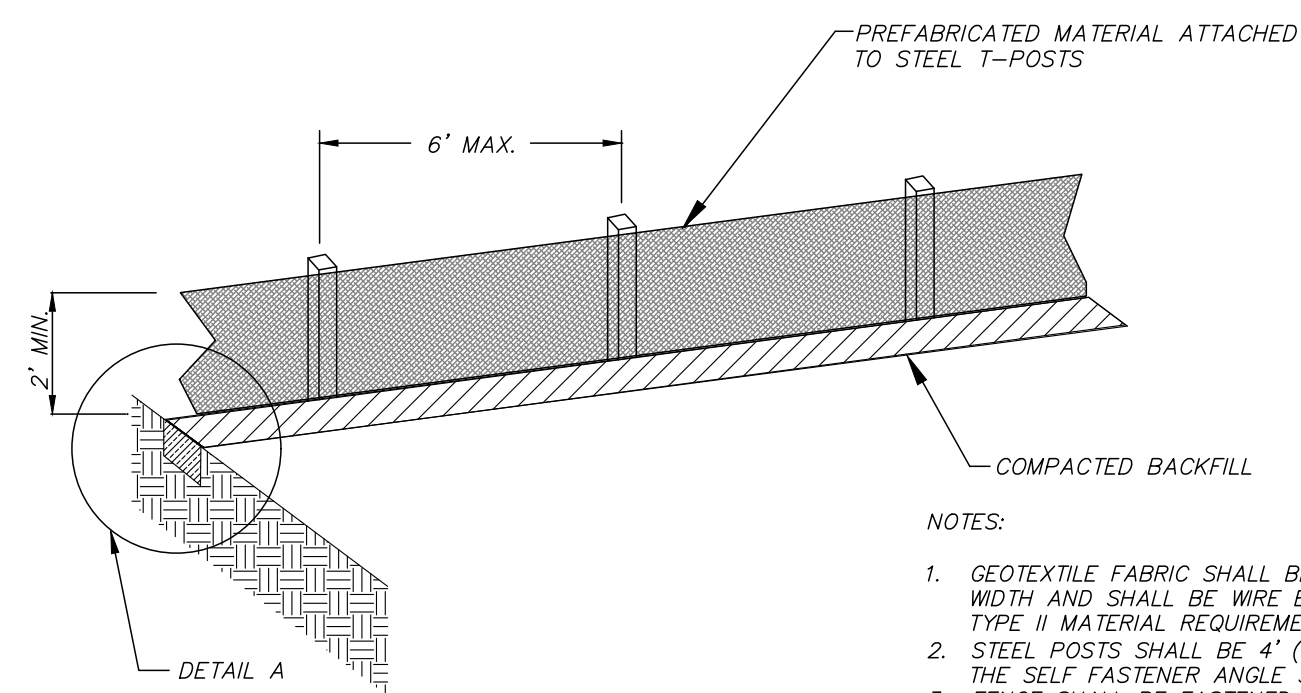
PART #	STUB	A	B	C
SC310EPE06T / SC310EPE06TPC	6" (150 mm)	9.6" (244 mm)	5.8" (147 mm)	---
SC310EPE06B / SC310EPE06BPC			---	0.5" (13 mm)
SC310EPE08T / SC310EPE08TPC	8" (200 mm)	11.9" (302 mm)	3.5" (89 mm)	---
SC310EPE08B / SC310EPE08BPC			---	0.6" (15 mm)
SC310EPE10T / SC310EPE10TPC	10" (250 mm)	12.7" (323 mm)	1.4" (36 mm)	---
SC310EPE10B / SC310EPE10BPC			---	0.7" (18 mm)
SC310ECEZ*	12" (300 mm)	13.5" (343 mm)	---	0.9" (23 mm)

ALL STUBS, EXCEPT FOR THE SC310ECEZ ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

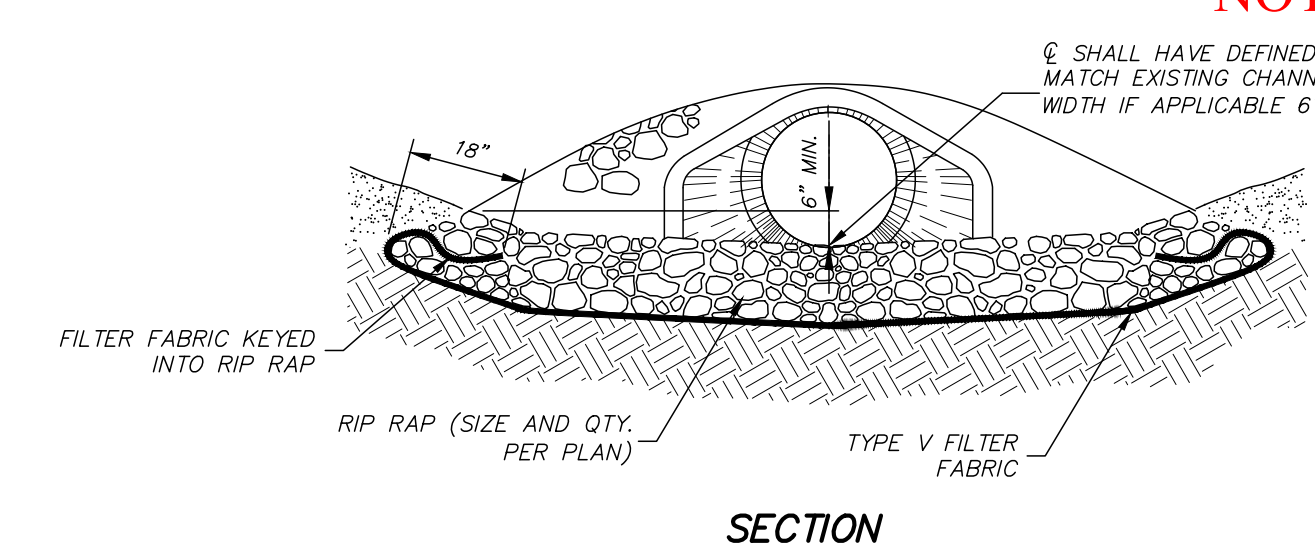
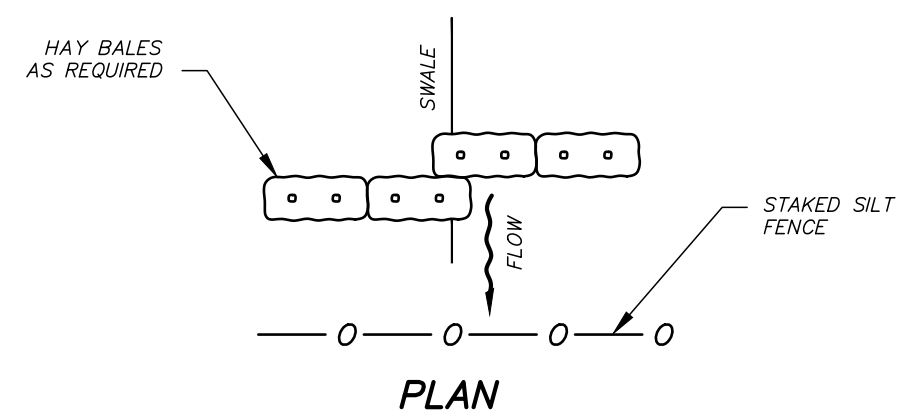
* FOR THE SC310ECEZ THE 12" (300 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25" (6 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL

- NOTES:**
- PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.
 - CONTACT ADS ENGINEERING SERVICES IF INSERTA TEE INLET MUST BE RAISED AS NOT ALL INVERTS ARE POSSIBLE.

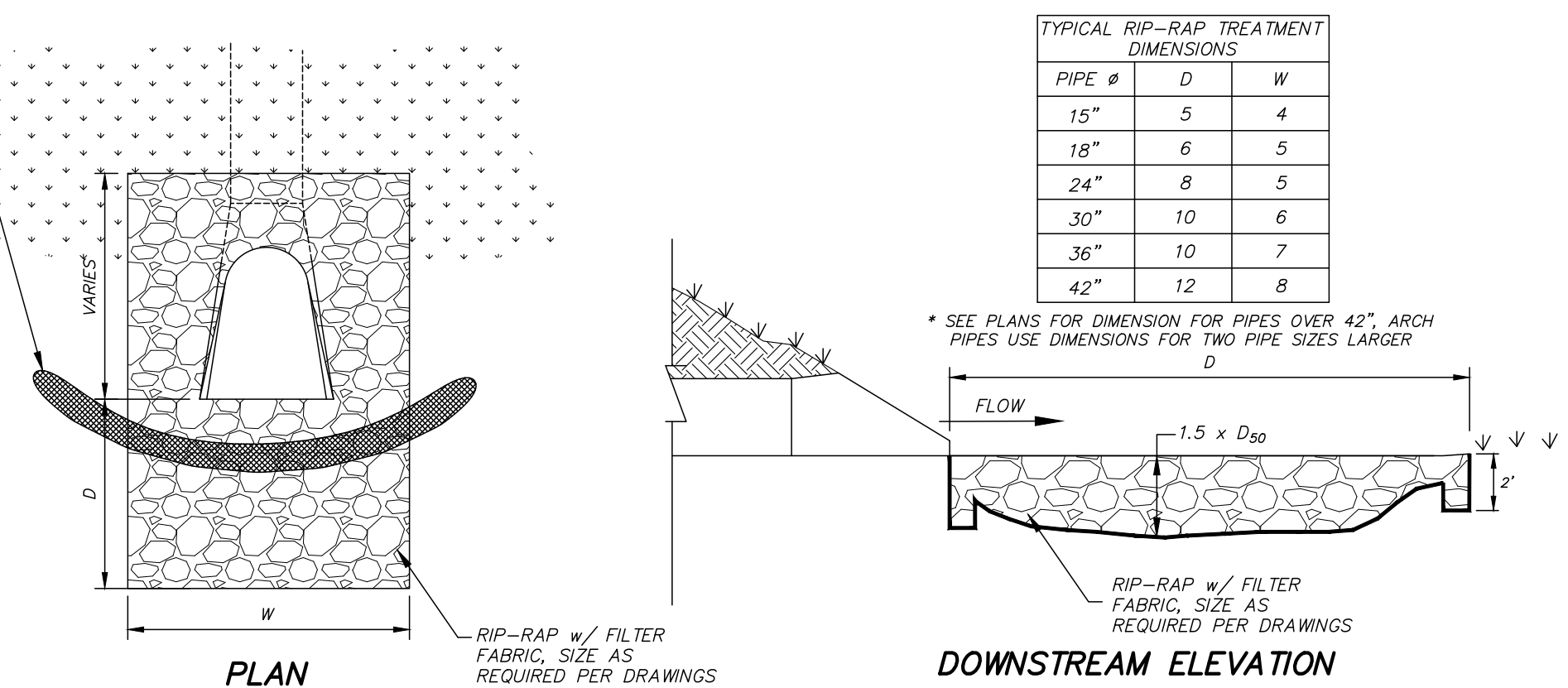


- NOTES:
1. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE WIRE BACKED OR MEET MDOT TYPE II MATERIAL REQUIREMENTS.
 2. STEEL POSTS SHALL BE 4" (MIN.) IN HEIGHT AND OF THE SELF FASTENER ANGLE STEEL TYPE.
 3. FENCE SHALL BE FASTENED WITH NOT LESS THAN 9 GAGE STAPLES 1" LONG FOR WOODEN POSTS AND 3/4" FOR WOODEN STAKES.
 4. ALLOW A 6" OVERLAP OF FABRIC AT JOINTS.



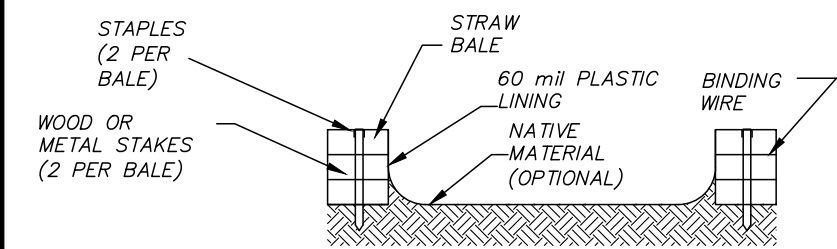
PIPE Ø	D	W
15"	5	4
18"	6	5
24"	8	5
30"	10	6
36"	10	7
42"	12	8

* SEE PLANS FOR DIMENSION FOR PIPES OVER 42" ARCH PIPES USE DIMENSIONS FOR TWO PIPE SIZES LARGER

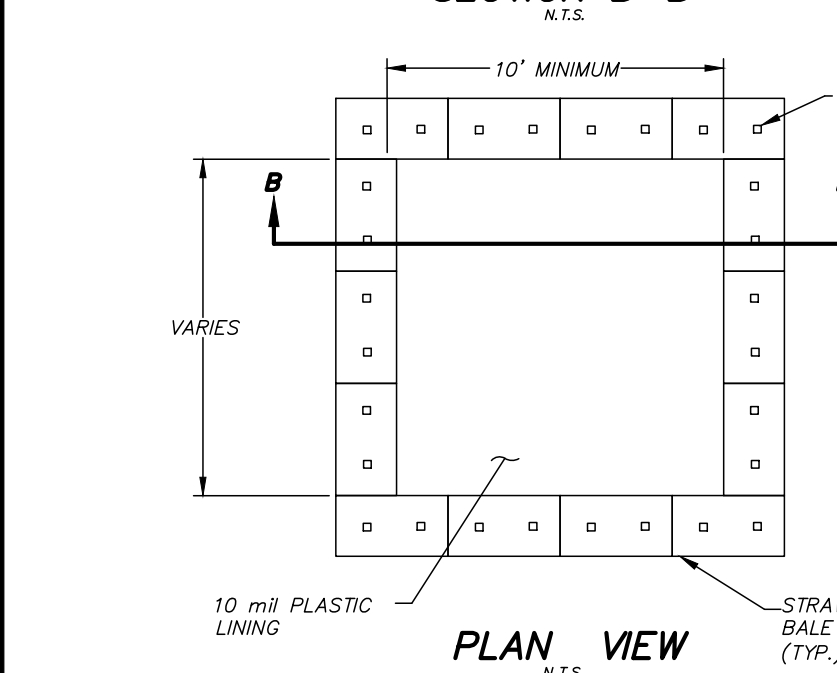


- NOTES:
1. RIP-RAP TREATMENT REQUIRED AT ALL CULVERTS UPSTREAM AND DOWNSTREAM ENDS.
 2. RIP-RAP TREATMENT ON UPSTREAM AND DOWNSTREAM ENDS SHALL TOTALLY SURROUND CULVERT TO A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE.
 3. SEE CHART FOR DIMENSIONS FOR D & W UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
 4. RIP-RAP WILL BE PAID FOR BY THE SQUARE YARD.
 5. RIP-RAP DIMENSIONS SHOWN ON THE SCHEDULE ARE TYPICAL AND MAY BE FIELD ADJUSTED BY ENGINEER. ANY CHANGE IN QUANTITY RESULTING FROM FIELD ADJUSTMENT WILL BE PAID PER SQUARE YARD AT CONTRACT UNIT PRICE.

CULVERT RIP-RAP OUTLET PROTECTION



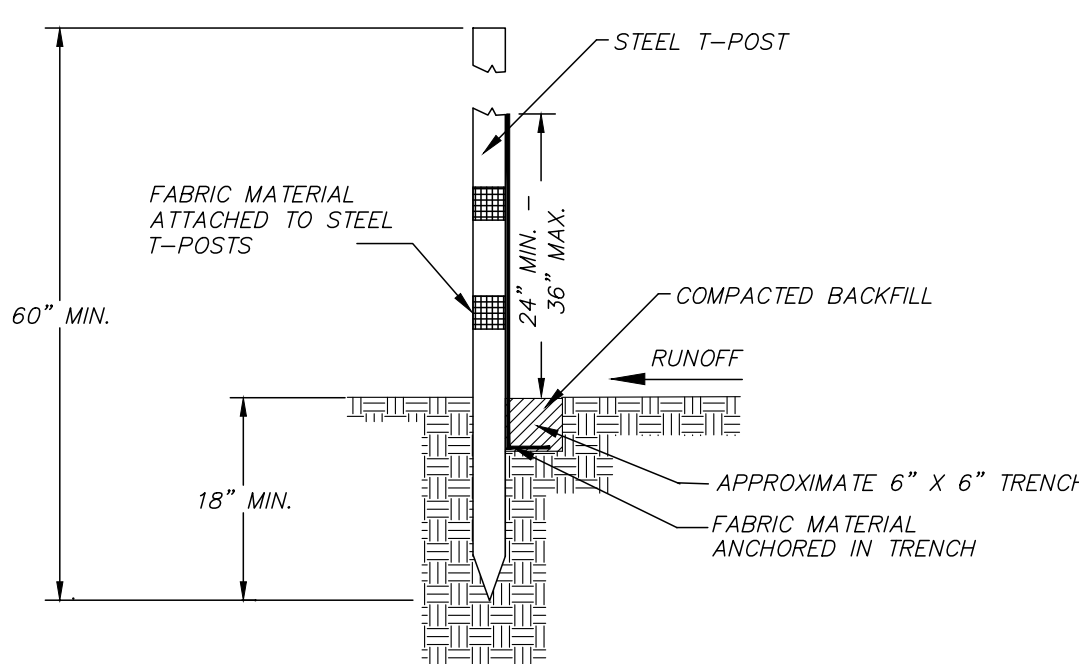
SECTION B-B



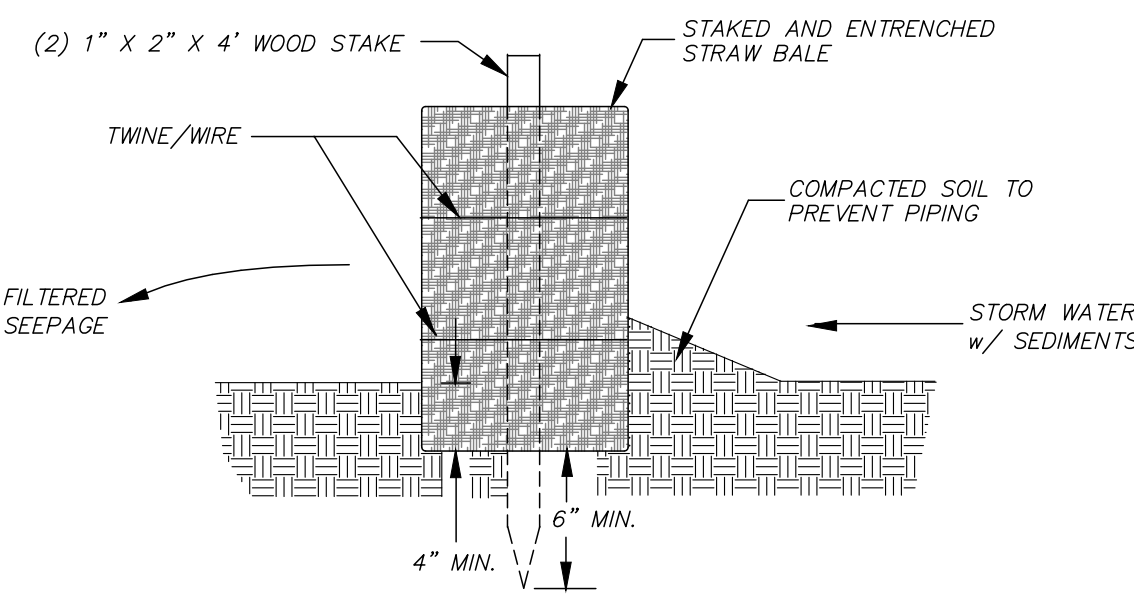
PLAN VIEW

STRAW BALE CONCRETE WASHOUT AREA

- NOTES:
1. LOCATION TO BE DETERMINED BY CONTRACTOR AND APPROVED BY THE ENGINEER OR ENGINEER'S REPRESENTATIVE.
 2. IF CONCRETE WASHOUT AREA EXHIBITS LEAKAGE OR PROVES TO BE INADEQUATE FOR ITS INTENDED PURPOSE, THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE.
 3. IF REQUIRED BY ENGINEER OR C.O.J., AREAS IMMEDIATELY DOWNSTREAM/DOWNSLOPE SHALL INCLUDE A SECONDARY STORMWATER RUNOFF POLLUTION PREVENTION MEASURE.
 4. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE APPROVED STORMWATER MANAGEMENT PLAN.



SILT FENCE DETAILS



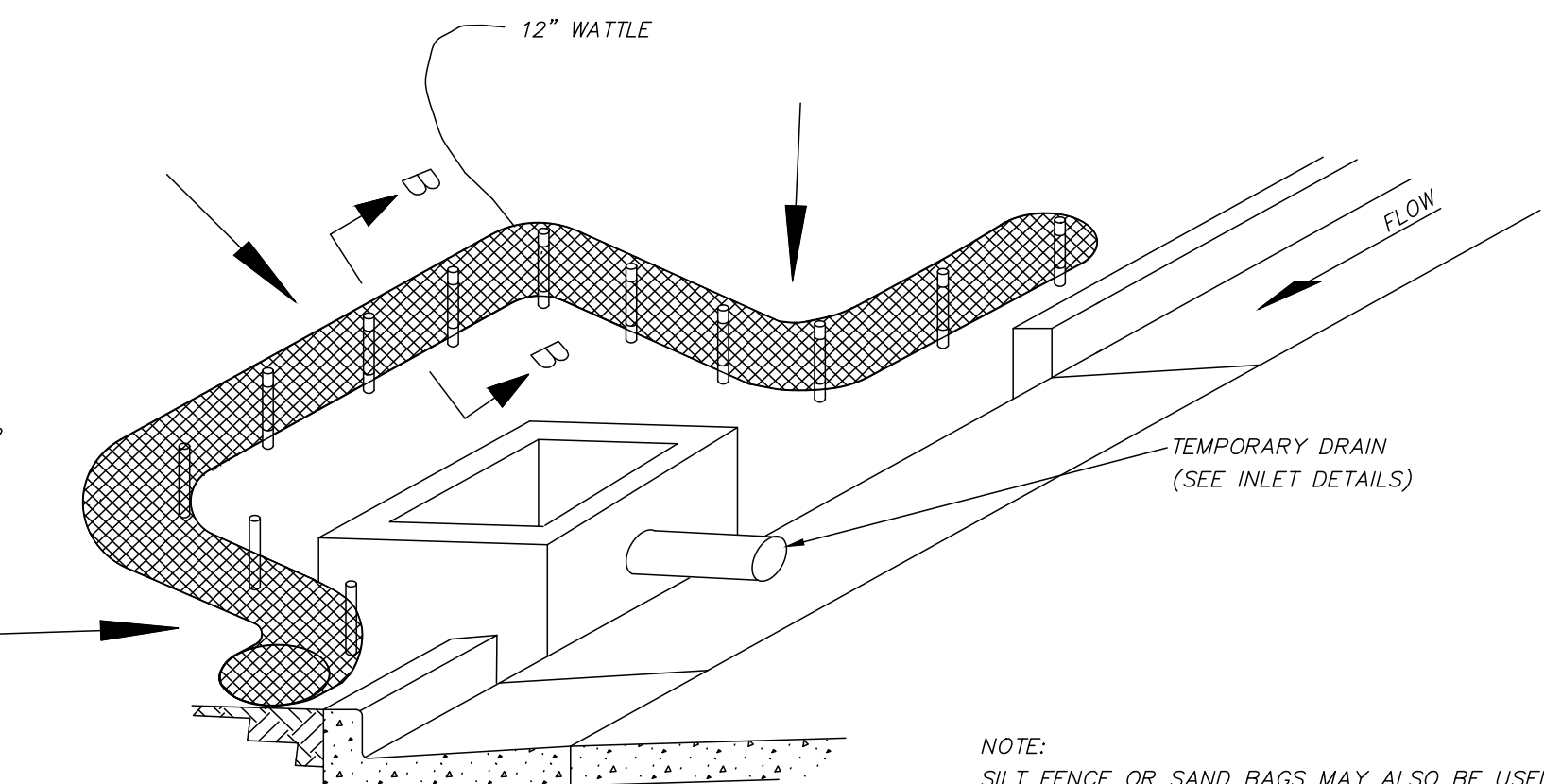
HAY BALE INSTALLATION NOTES:

1. HAY BALES SHALL BE TRENCHED 3" TO 4" AND STAKED WITH (2) 1"x2"x4" WOOD STAKES PER BALE.
2. SILT FENCE SHALL BE DOWN STREAM OF HAY BALES.
3. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER. UNAVOIDABLE GAPS SHALL BE PLUGGED WITH HAY OR STRAW TO PREVENT SILT FROM PASSING.

HAY BALE INSTALLATION

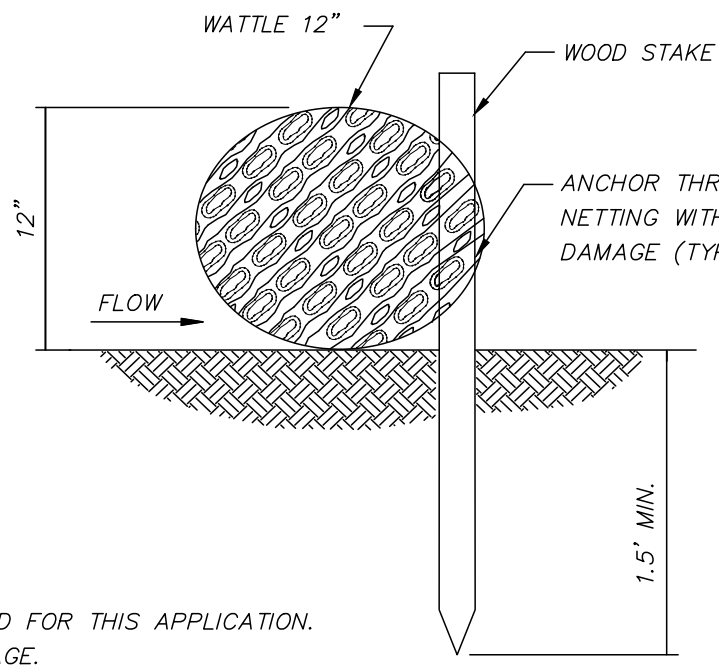
WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.

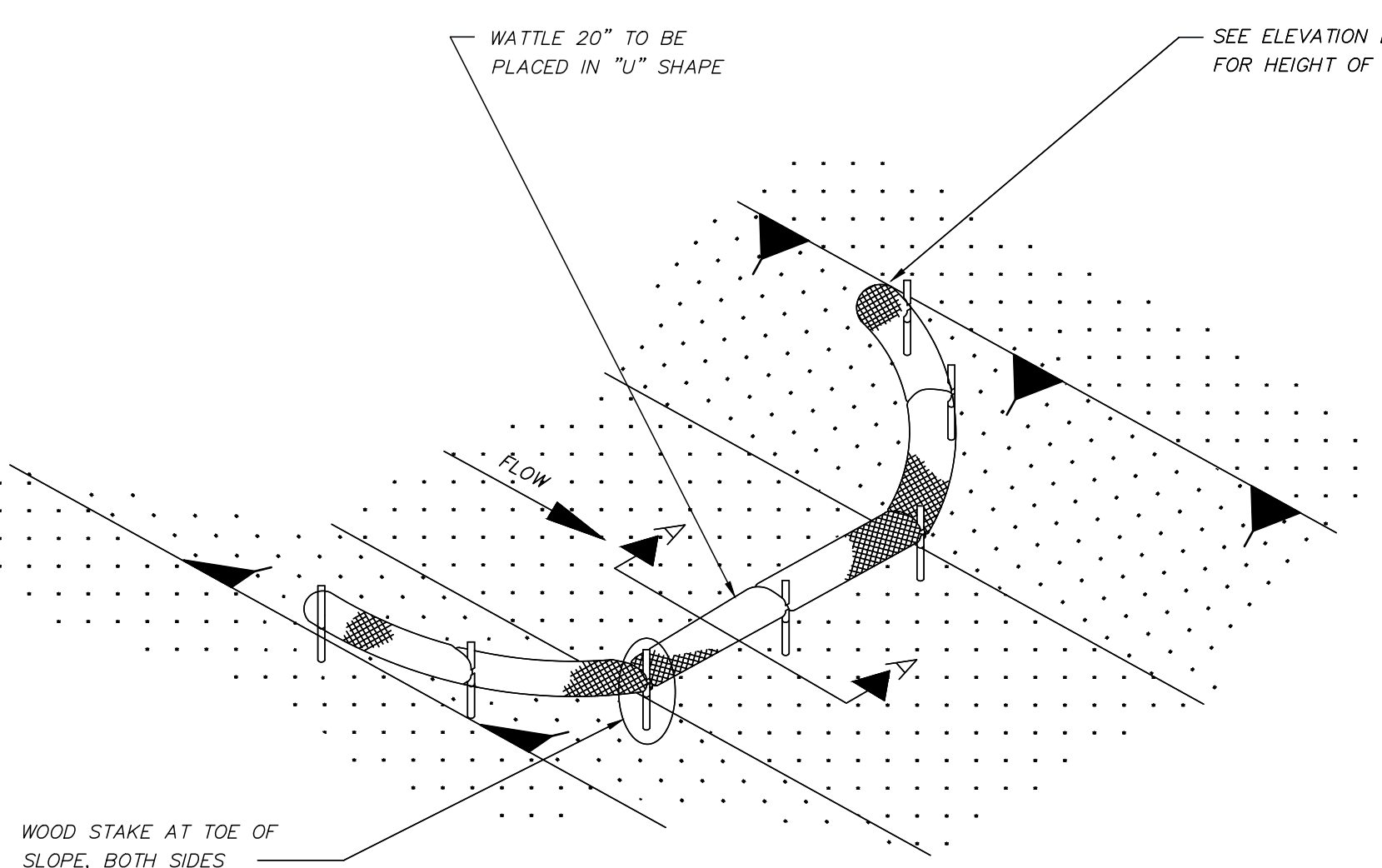


**CURB INLET PROTECTION
SINGLE OR DOUBLE WING INLET**

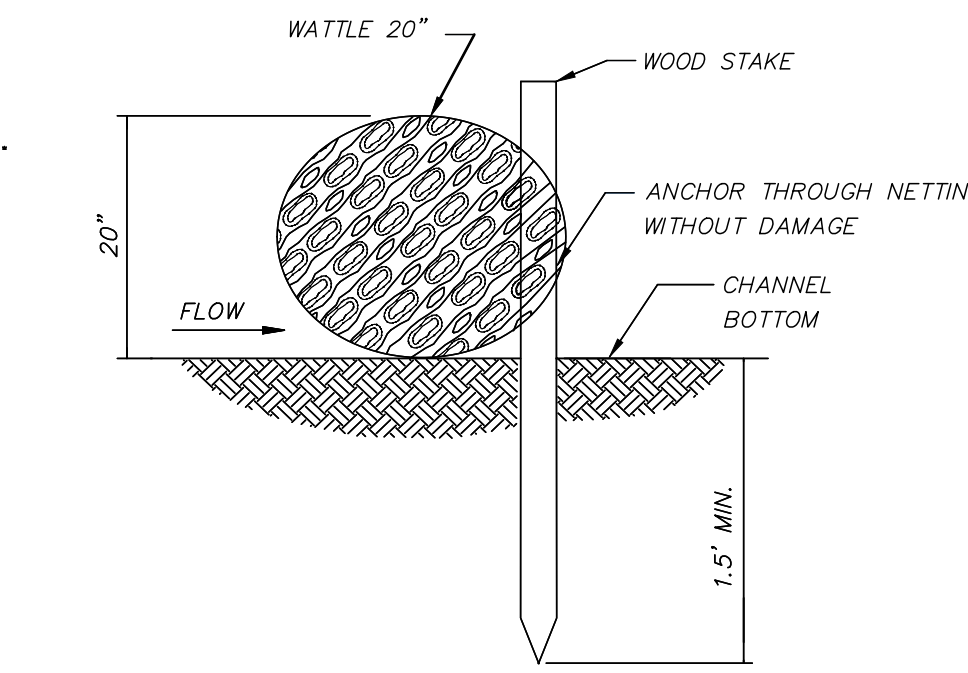
NOTE: SILT FENCE OR SAND BAGS MAY ALSO BE USED FOR THIS APPLICATION. HAY BALES NOT ACCEPTABLE DURING THIS STAGE.



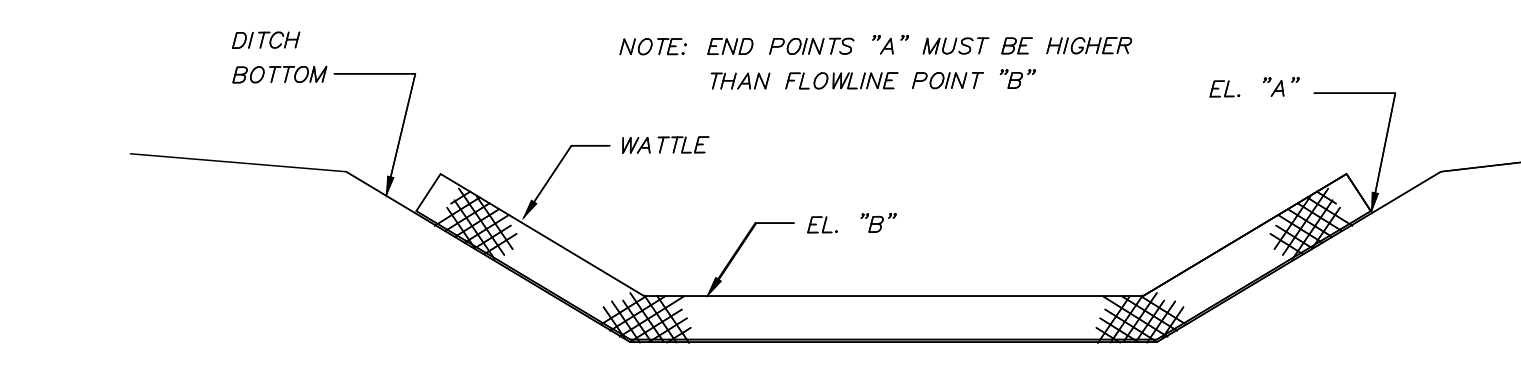
SECTION B-B



DETAIL (DITCH CHECK)



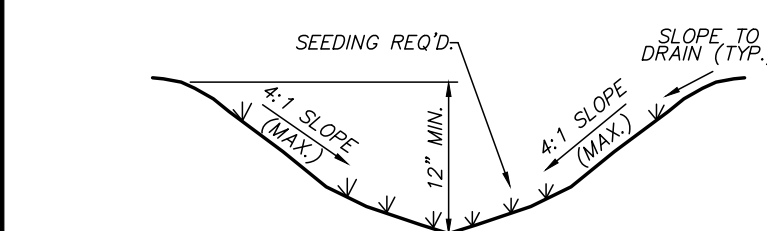
SECTION A-A



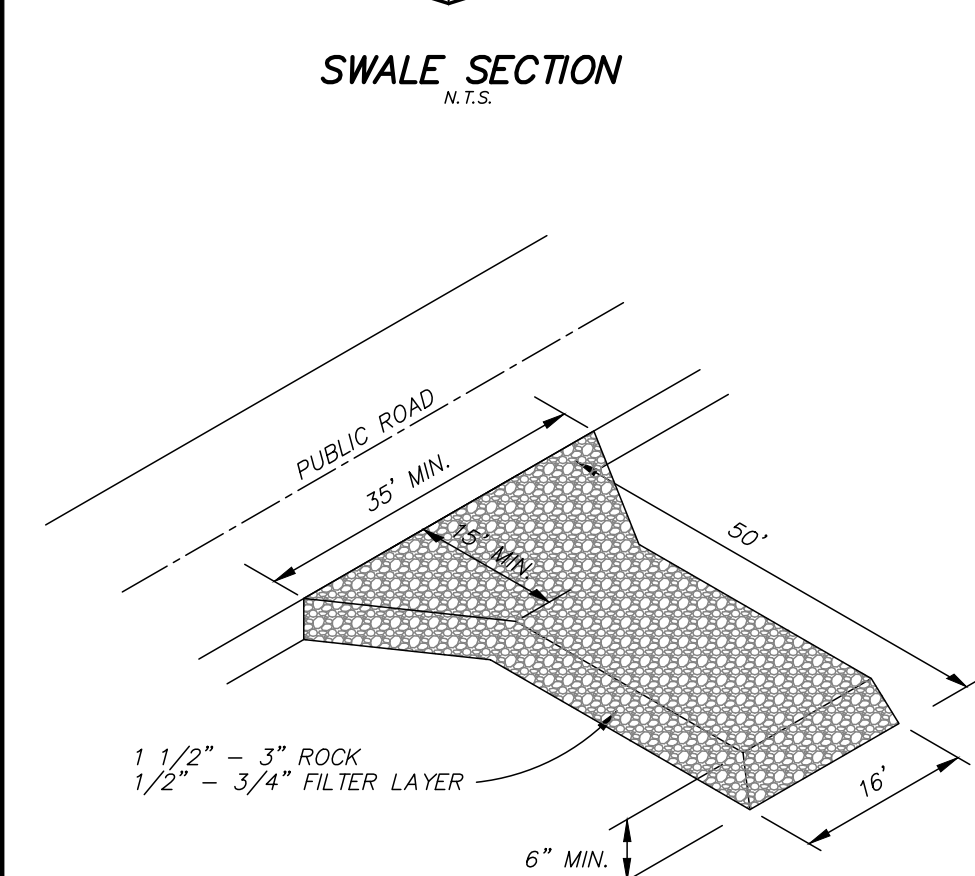
ELEVATION DETAIL

- NOTES:
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4.
 2. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
 4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECK



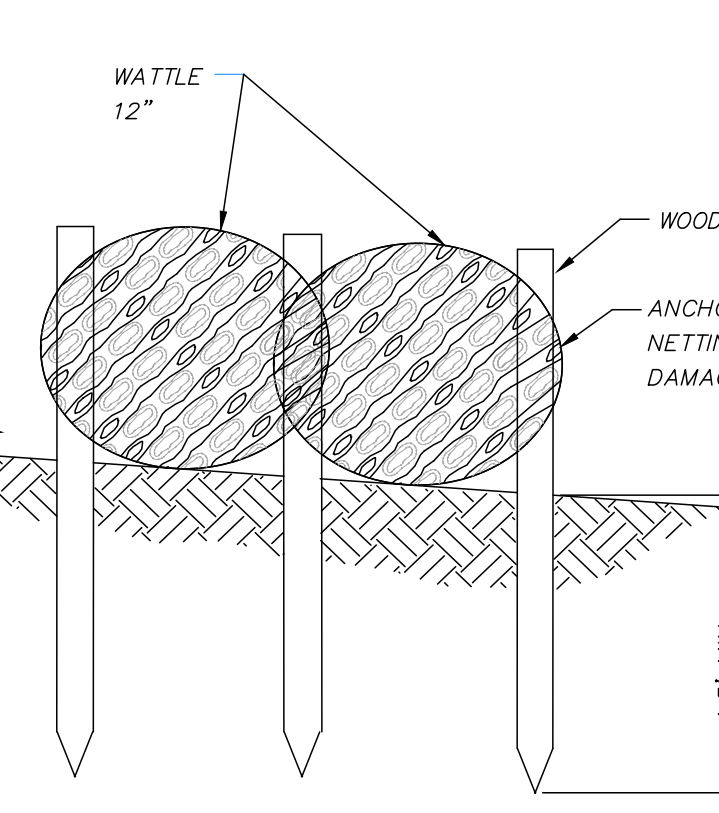
SWALE SECTION



DROP INLET PROTECTION

- NOTES:
1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
 2. OVERLAP ENDS OF WATTLES PER MANUFACTURERS RECOMMENDATIONS (1MIN., 3MAX.).
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.

WATTLE INLET PROTECTION



SECTION A-A

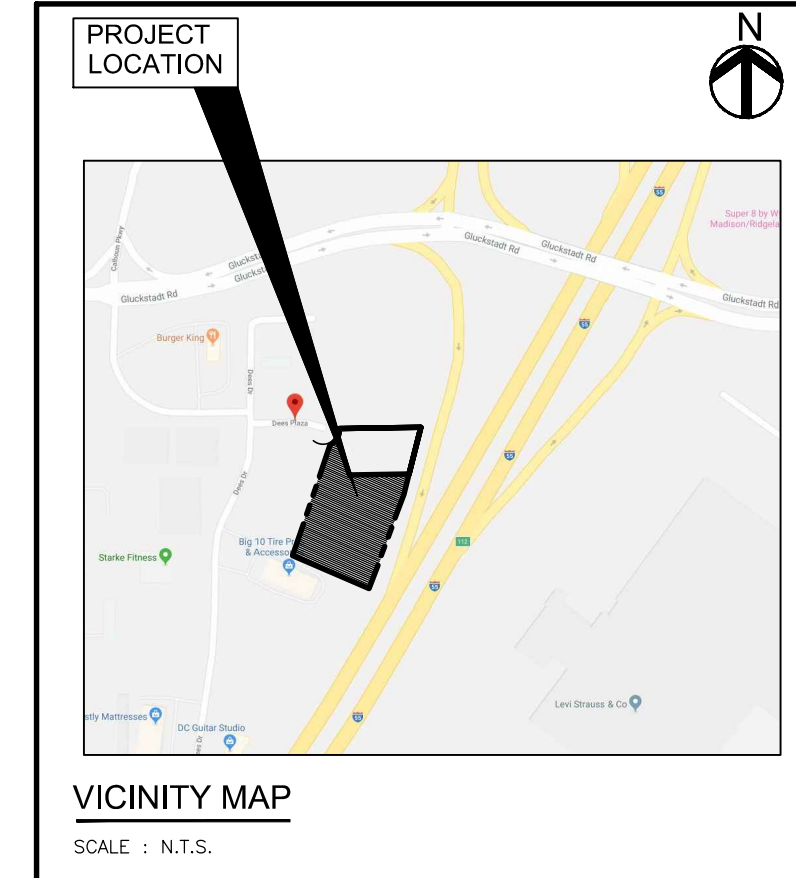
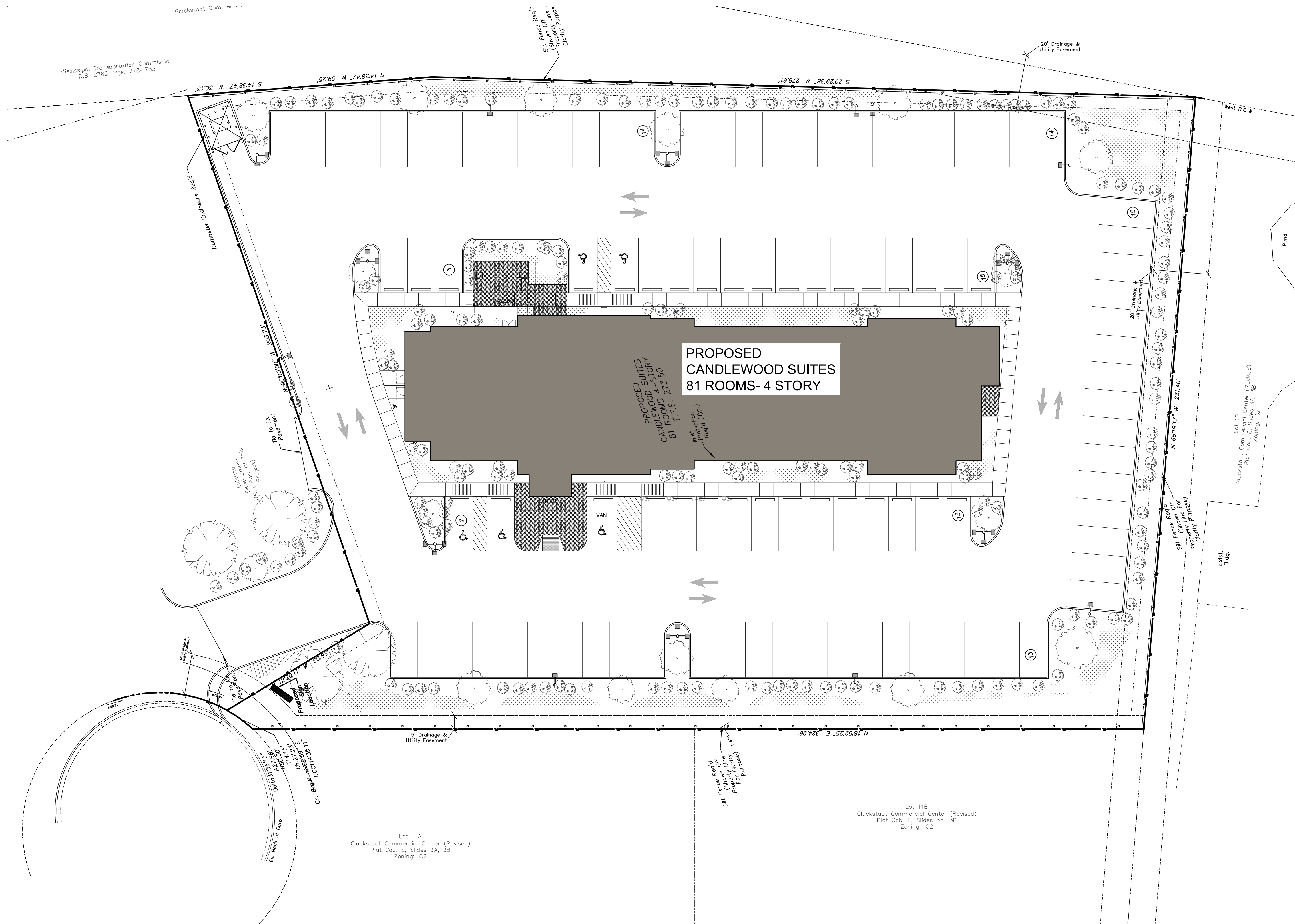
- NOTES:
1. VEHICLE TRACKING MAT SHALL BE LOCATED AT EVERY ENTRANCE/EXIT TO THE CONSTRUCTION SITE.
 2. VEHICLE TRACKING MAT SHALL BE MAINTAINED BY CONTRACTOR AS NEEDED TO PREVENT ANY MATERIAL FROM BEING TRACKED ONTO CITY STREET.
 3. SEDIMENT AND OTHER MATERIAL SPILLED, DROPPED OR TRACKED ONTO CITY STREET SHALL BE IMMEDIATELY REMOVED BY CONTRACTOR.
 4. DIMENSIONS SHOWN ABOVE ARE TYPICAL IF CONDITIONS ALLOW. ANY REVISIONS TO DIMENSIONS SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

TEMPORARY CONSTRUCTION ENTRANCE DETAIL

PROJECT LOCATION:
DEES PLAZA
MADISON COUNTY, MISSISSIPPI
CLIENT:
BDP GROUP, LLC
602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES
SHEET CONTENTS:
EROSION CONTROL DETAILS

SHEET NUMBER
16 of 16
PROJECT NUMBER
B-7302



PLANT LEGEND	
QTY.	
	STREET TREES
	PARKING LOT TREES
	SHRUBS
	GRASS
	SEASONAL FLOWERS

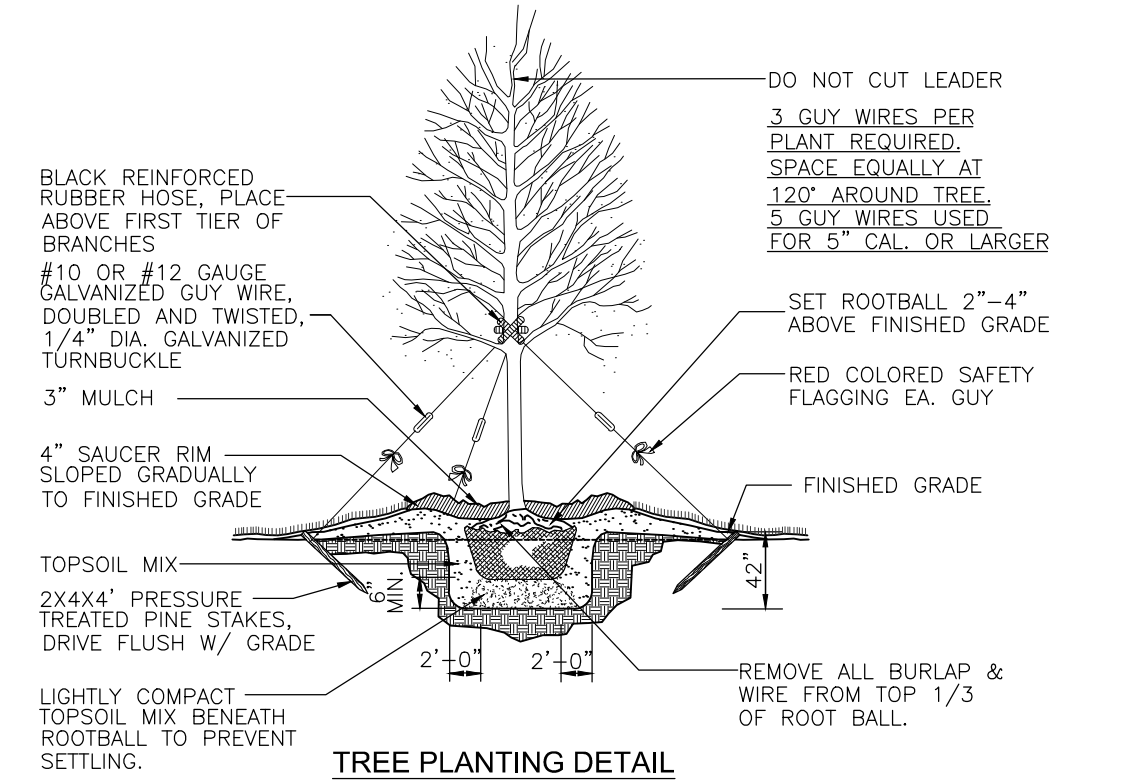
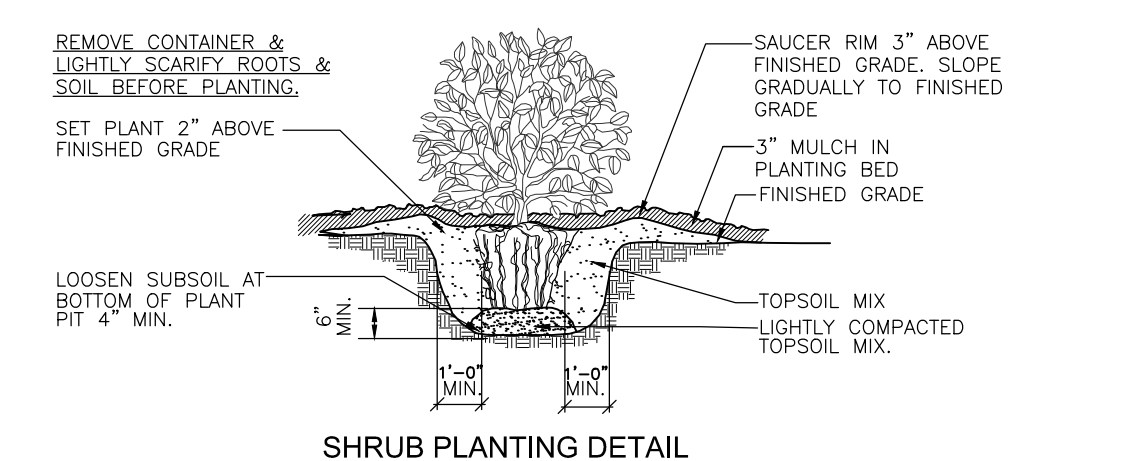
SURVEY WAS PROVIDED BY

BENCHMARK
ENGINEERING & SURVEYING, LLC

101 Highpointe Court, Suite B, Brandon, Mississippi 39022
Office: 601-591-1977 Fax: 601-291-0711
E-mail: info@benchmark.com

LEGAL DESCRIPTION
LOT 12, GLUCKSTADT COMMERCIAL CENTER (REVISED)
SITUATED IN THE NW 1/4 OF SECTION 28, T8N, R2E, MADISON
COUNTY, MISSISSIPPI

GENERAL NOTES:
1. ALL TREES, SHRUBS ETC. SHALL BE PROVIDED PER
CITY OF GLUCKSTADT LANDSCAPE ORDINANCE



LANDSCAPE LOCATION PLAN

SCALE : 1" = 20'

ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
DESIGNS PRESENTED ON THIS SHEET ARE THE PROPERTY OF RHA ARCHITECT AND NO PART OF THIS SHEET SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF RHA ARCHITECT.
CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS OF ALL THE DIMENSIONS RESPONSIBLE FOR ALL THE DIMENSIONS OF THIS OFFICE MUST BE NOTIFIED IN WRITING TO THE ARCHITECT AND CONDITIONS SHOWN BY THESE DRAWINGS.

DRAWN: AJ,JP
CHECKED: PW
DATE: SEP 2020

CANDLEWOOD SUITES
AN IHG® HOTEL

CANDLEWOOD SUITES

DEES PLAZA AT INTERSTATE 55,
GLUCKSTADT, MS 39110

ISSUE

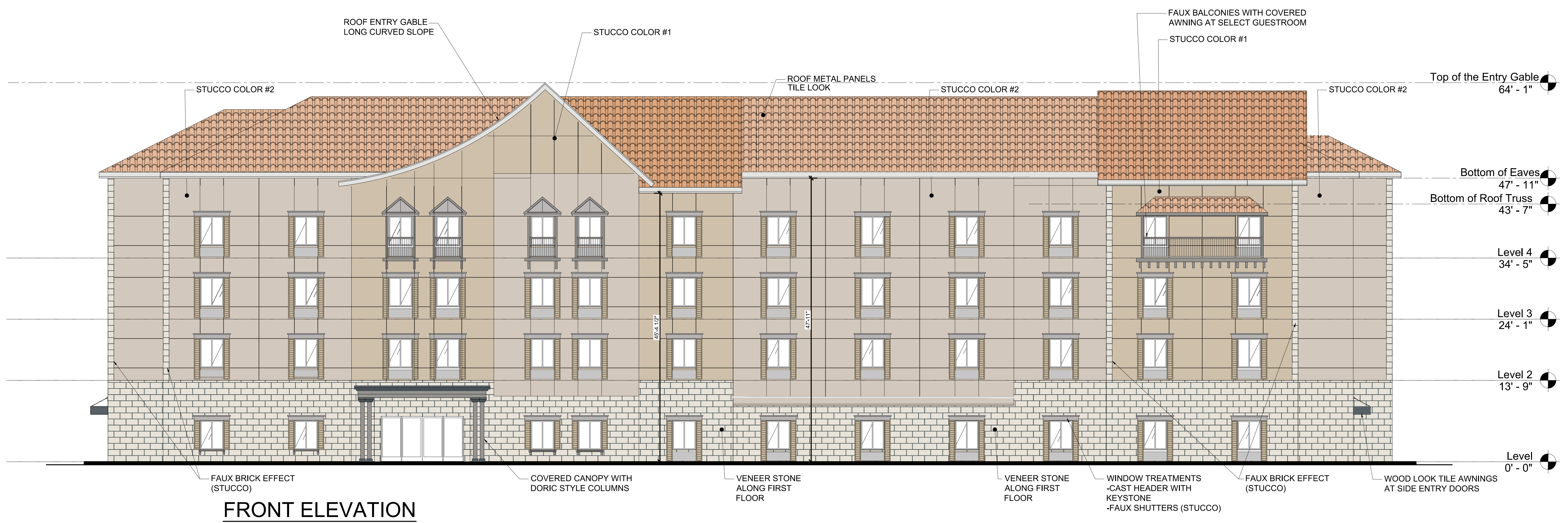
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Houston, Texas 77083 e-mail: RHAarchitect@aol.com

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tel 281 546-9239
texas ~ louisiana ~ georgia ~ mississippi
oklahoma ~ arkansas ~ florida

Randall Harris & Associates, Architect

REVISIONS	
	05-09-2024

JOB NO.
19-09-016
SHEET NO.
LP1



FRONT ELEVATION

EXTERIOR ELEVATIONS

SCALE : 1/8" = 1' - 0"

ALL DIMENSIONS, SPECIFICATIONS AND NOTES ARE TO BE USED IN CONJUNCTION WITH ANY OTHER WORK OR PROJECT FOR WHICH THEY HAVE BEEN WRITTEN. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL THE DIMENSIONS SHOWN IN THIS OFFICE. MUST BE NOTIFIED IMMEDIATELY IN WRITING IF ANY DISCREPANCIES OR CONDITIONS SHOWN BY THESE DRAWINGS.

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 CHECKED: PW
 DATE : SEP 2020



CANDLEWOOD SUITES
 DEES PLAZA AT INTERSTATE 55,
 GLUCKSTADT, MS 39110

ISSUE
05-07-2021 I.F.P.

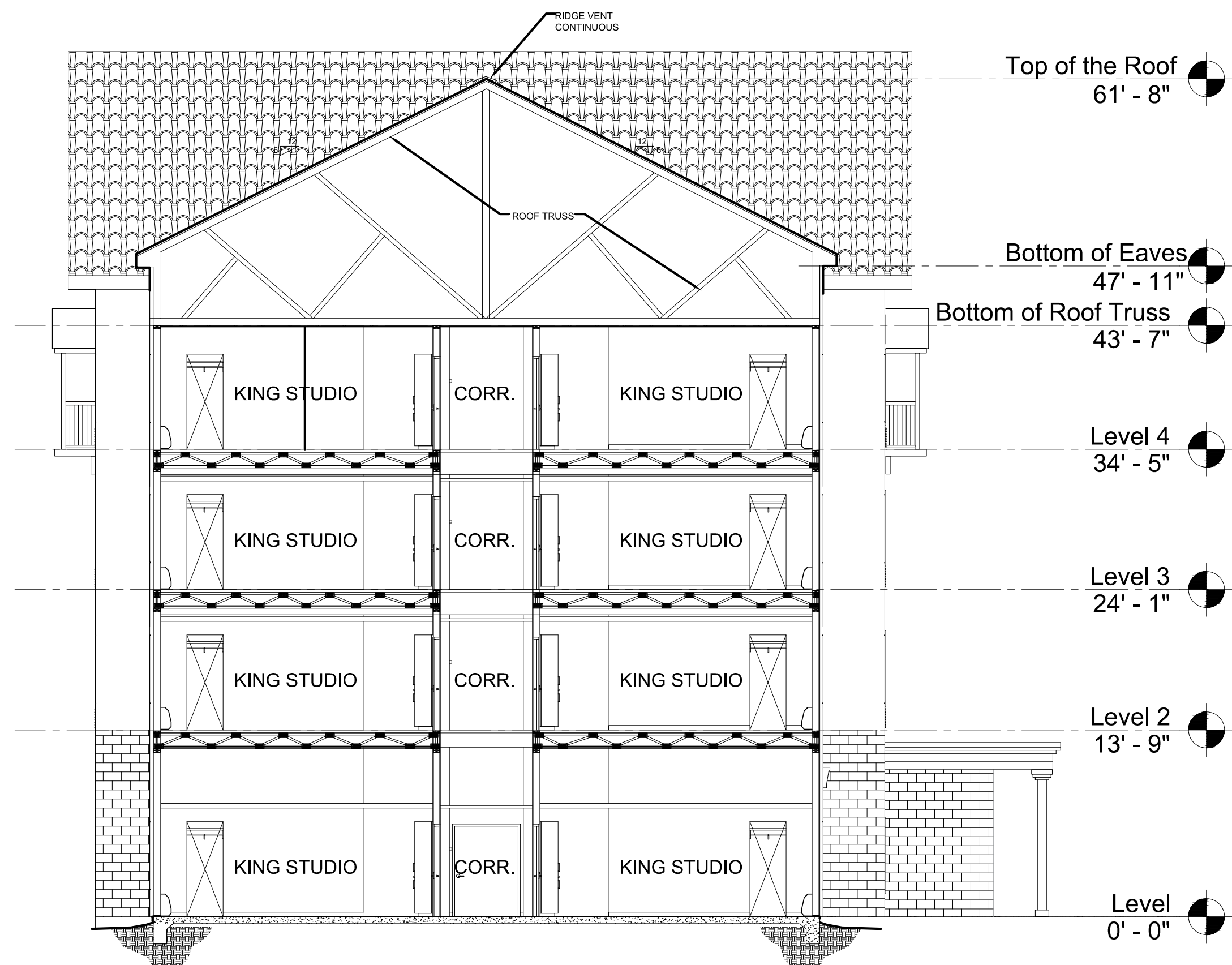
rhaarchitect
 Architect + Master Planner
 16043 Barbarosa Drive
 Houston, Texas 77083 e-mail: RHAarchitect@aol.com

oklahoma ~ arkansas ~ florida

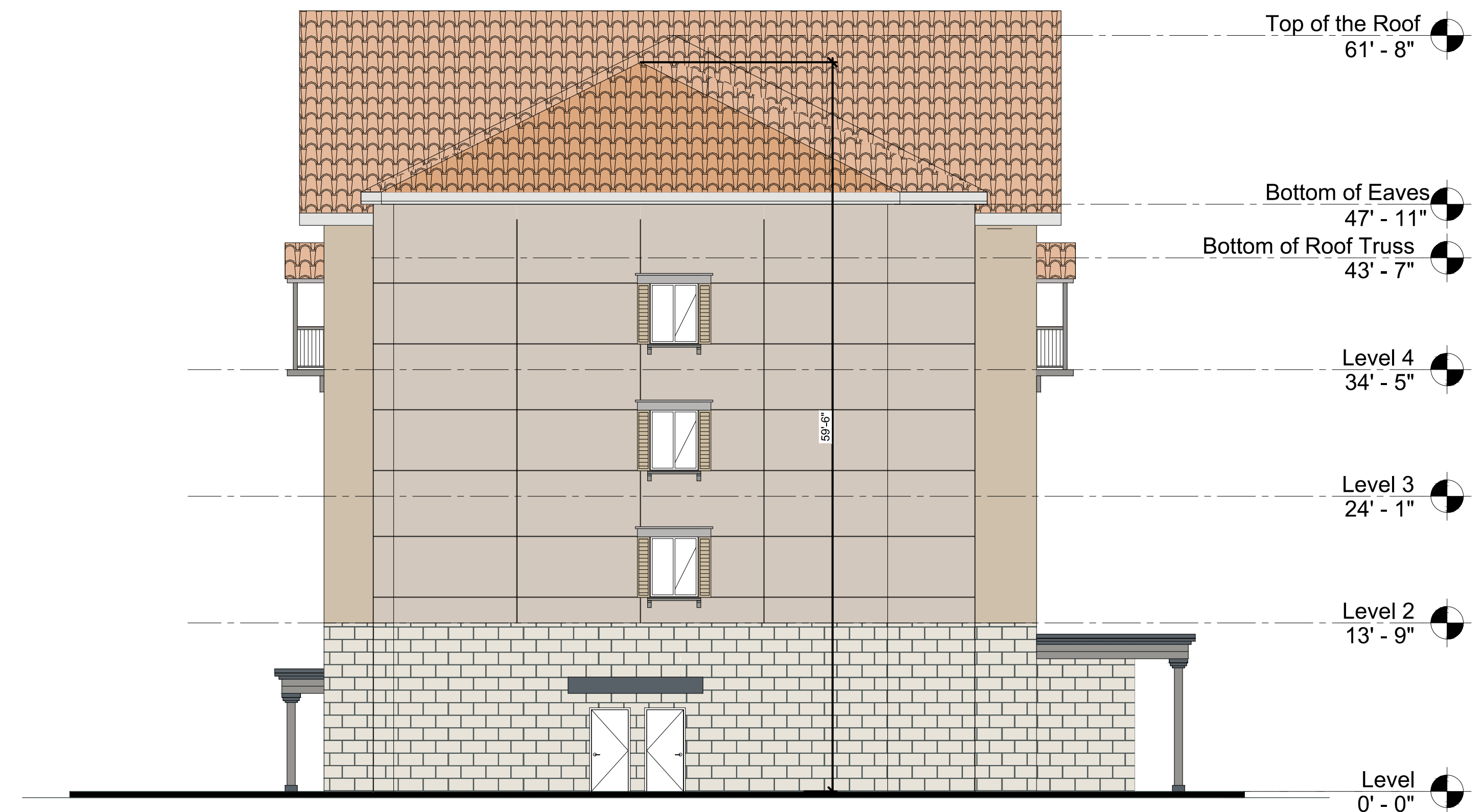
Randall Harris & Associates, Architect

REVISIONS
02-19-2020 ISSUED FOR FINAL FRANCHISE REVIEW
02-28-2024 ELEVATION REVISED
04-22-2024 UPDATED VERSION
05-09-2024

JOB NO.
 19-09-016
 SHEET NO.
A2.00



BUILDING SECTION



SIDE ELEVATION

EXTERIOR ELEVATION AND BUILDING SECTION

SCALE : 1/8" = 1' - 0"

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DRAWN: AJ,JP
 CHECKED: PW
 DATE : SEP 2020

CANDLEWOOD SUITES
 AN IHG® HOTEL

CANDLEWOOD SUITES
 DEES PLAZA AT INTERSTATE 55,
 GLUCKSTADT, MS 39110

ISSUE
05-07-2021 I.F.P.

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 Architect + Master Planner
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 Houston, Texas 77063 e-mail: RHAarchitect@aol.com

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 OKLAHOMA ~ ARKANSAS ~ FLORIDA

Randall Harris & Associates, Architect

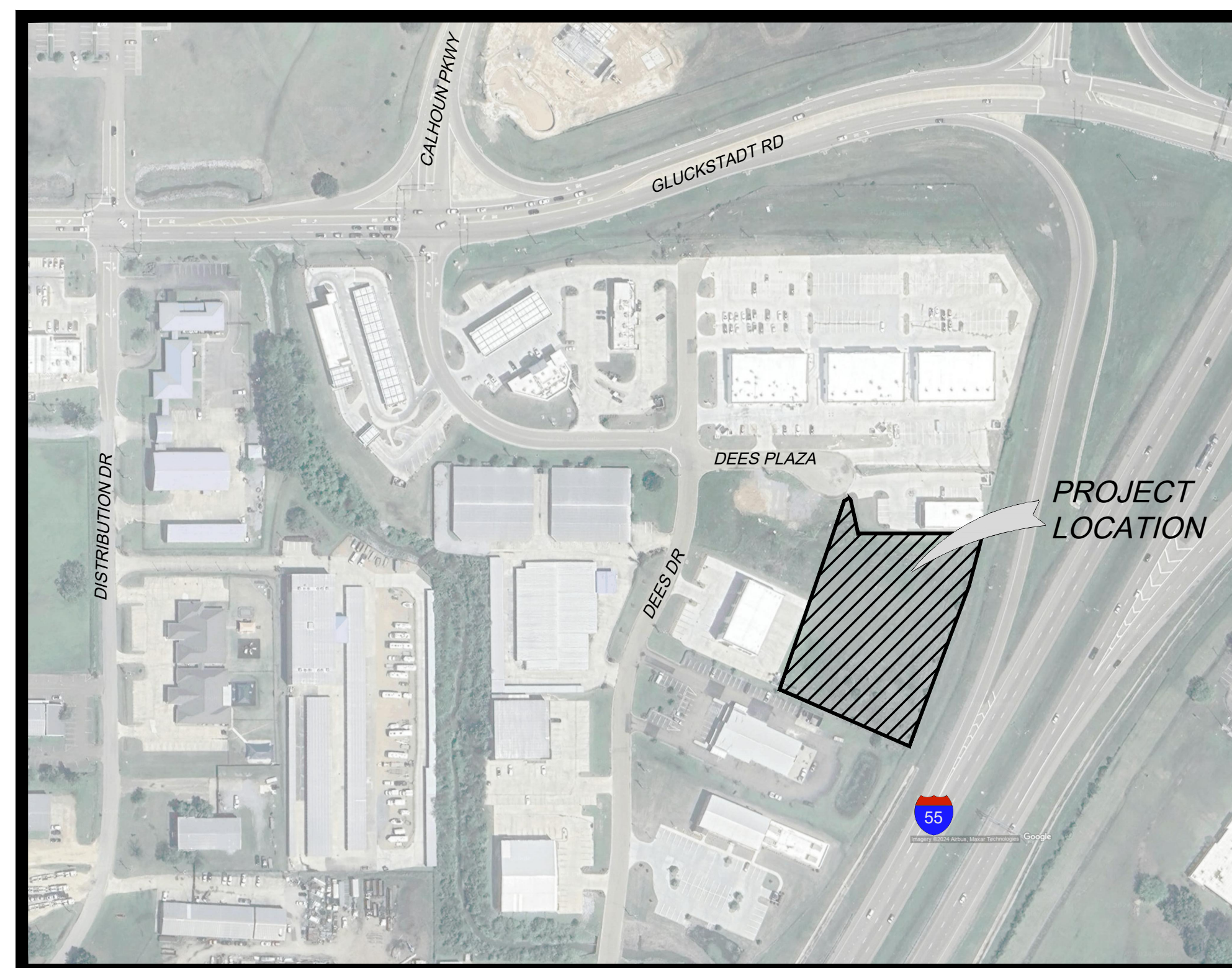
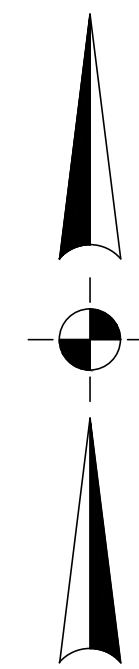
REVISIONS
02-19-2020 ISSUED FOR FINAL FRANCHISE REVIEW
02-28-2024 ELEVATION REVISED
04-22-2024 UPDATED VERSION
05-09-2024

JOB NO.
 19-09-016

SHEET NO.
A2.01

CONSTRUCTION PLANS FOR: CANDLEWOOD SUITES

LOCATION:
DEEZ PLAZA
MADISON COUNTY, MISSISSIPPI
APRIL 2024



VICINITY MAP

DRAWING INDEX

CONTENTS	SHEET NO.
COVER	1
GENERAL CONSTRUCTION NOTES	2
TYPICAL SECTION & MISCELLANEOUS DETAILS	3
SITE PLAN	4
WATER & SEWER LAYOUT	5
GRADING PLAN	6
STORM DRAIN LAYOUT	7
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UNDERGROUND DETENTION DETAILS	13
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UNDERGROUND DETENTION DETAILS	15
EROSION CONTROL DETRAILS	16

FOR REVIEW AND APPROVAL



Charlton B. Alford

Charlton B. Alford, P.E.
Mississippi License No. 29595

4/5/2024

Date

Equipment, materials and construction of all improvements required in these plans shall be in accordance with these construction drawings & project specifications.

The drawings and specifications represented herein are and shall remain the property of Benchmark Engineering & Surveying, LLC and no part thereof shall be copied, disclosed to others or used in connection with any other work or project other than the specific project for which they have been prepared. Visual contact with these drawings or specifications shall constitute evidence of acceptance of these restrictions.

OWNER:
BDP GROUP, LLC
602 SPRINGRIDGE ROAD
CLINTON, MS 39056

BENCHMARK
ENGINEERING & SURVEYING, LLC

CIVIL ♦ STRUCTURAL ♦ PLANNING ♦ SURVEYING ♦ UAV MAPPING

BRANDON | FLOWOOD | MADISON

EST. 2004 www.benchmarkms.net 601-627-7780

SHEET NUMBER
1 of 16
PROJECT NUMBER
B-7302

GENERAL CONSTRUCTION NOTES:

- 1. IT IS NOT THE INTENT OF THESE CONSTRUCTION DRAWINGS, NOTES OR DETAILS TO COVER ALL OF THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO READ THE PROJECT SPECIFICATIONS AND BE FAMILIAR WITH THE MATERIALS REQUIRED, INSTALLATION OF SUCH, REQUIRED TESTING, AND AN ALL ITEMS NECESSARY FOR THE COMPLETE INSTALLATION OF THE WORK REQUIRED IN THESE PLANS.

SITE GRADING AND PAVING NOTES:

- 1. TECHNICAL SPECIFICATION FOR MATERIALS AND CONSTRUCTION METHODS FOR THIS PROJECT SHALL CONFORM TO THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (MDO STANDARD), THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT (IF INCLUDED IN THE CONTRACT DOCUMENTATION).

ABBREVIATIONS

Table with 3 columns: Abbreviation, Full Name, and Description. Includes entries like # POUND, ASSY. ASSEMBLY, AVG. AVERAGE, B.F.E. BASE FLOOD ELEVATION, etc.

LINE TYPES

Table showing line styles and their corresponding descriptions. Includes EX. ADJACENT PROPERTY LINE, EX. ABUT LINE, EX. BLDG. LINE, etc.

SYMBOLS

Table of symbols used in drawings, including circles, squares, and triangles with corresponding descriptions like PROP. SS MH, PROP. SS CLEANOUT, etc.

HATCHES

Table of hatching patterns used in drawings, including diagonal lines and solid fills with descriptions like FLOOD ZONE AE, FLOOD ZONE X, etc.

WATER & SEWER SYSTEM NOTES:

- 1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND PROJECT SPECIFICATIONS.

STORM DRAIN NOTES:

- 1. TECHNICAL SPECIFICATIONS FOR STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE LATEST EDITION OF MISSISSIPPI STANDARD SPECIFICATIONS FOR STATE AID ROAD AND BRIDGE CONSTRUCTION.

NOTES:

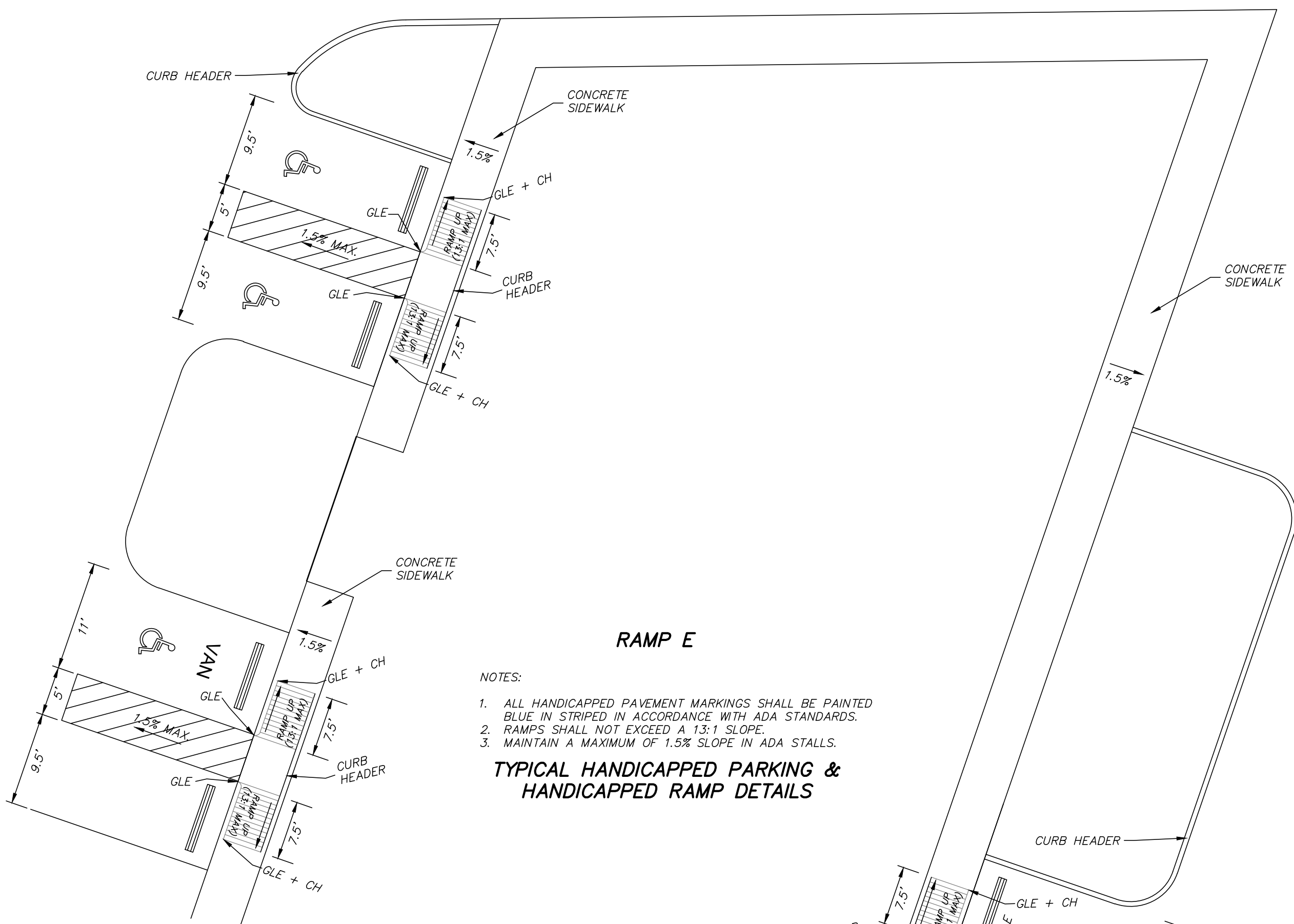
IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ITS OPERATORS, SUB CONTRACTORS, & EMPLOYEES ARE AWARE OF THE POTENTIAL UTILITY CONFLICTS WITHIN THE WORK AREA WHERE IMPROVEMENTS ARE TO TAKE PLACE AND/OR UTILITY LINES ARE TO BE INSTALLED.

UTILITY COMPANIES:

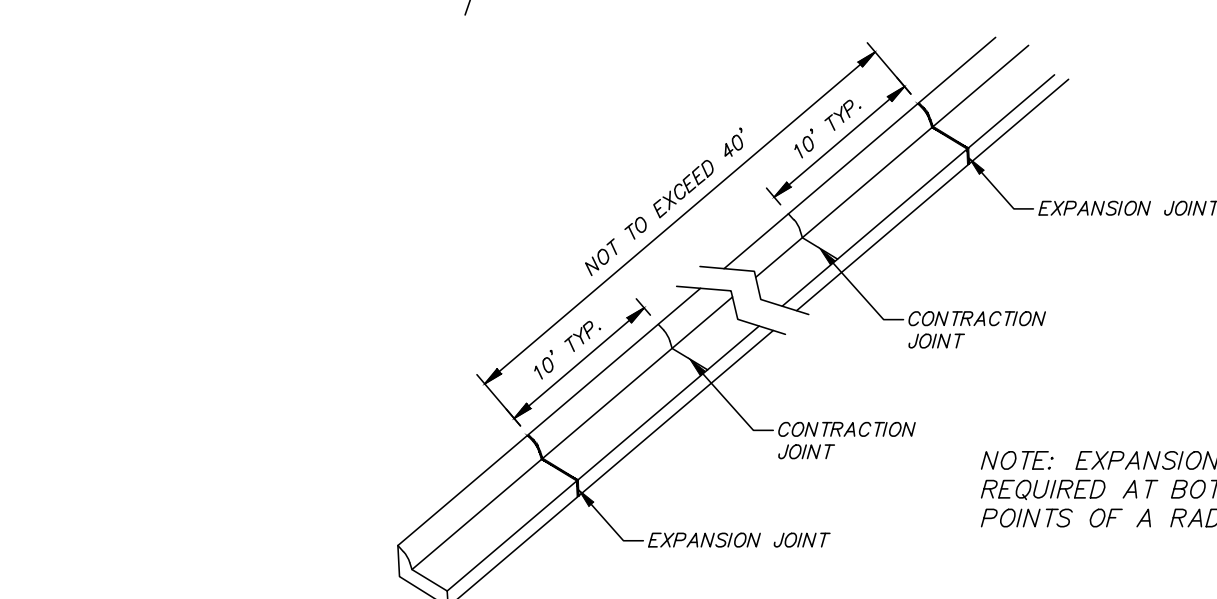
- WATER - BEAR CREEK WATER ASSOCIATION
- SEWER - BEAR CREEK WATER ASSOCIATION
- ELECTRICAL - ENTERGY
- GAS - CENTERPOINT ENERGY

EXISTING UNDERGROUND UTILITIES REPRESENTED ON THESE PLANS WERE FIELD LOCATED PER THE MARKINGS OF A UTILITY LOCATING COMPANY AND THEIR REPRESENTATIVES. NO VERTICAL INFORMATION WAS PROVIDED ON THESE LOCATIONS WHICH BE CONSIDERED APPROXIMATE AND IT SHALL BE UNDERSTOOD THAT THE ENGINEER/SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OF SUFFICIENCY REGARDING THE UNDERGROUND UTILITIES (SHOWN OR NOT SHOWN).

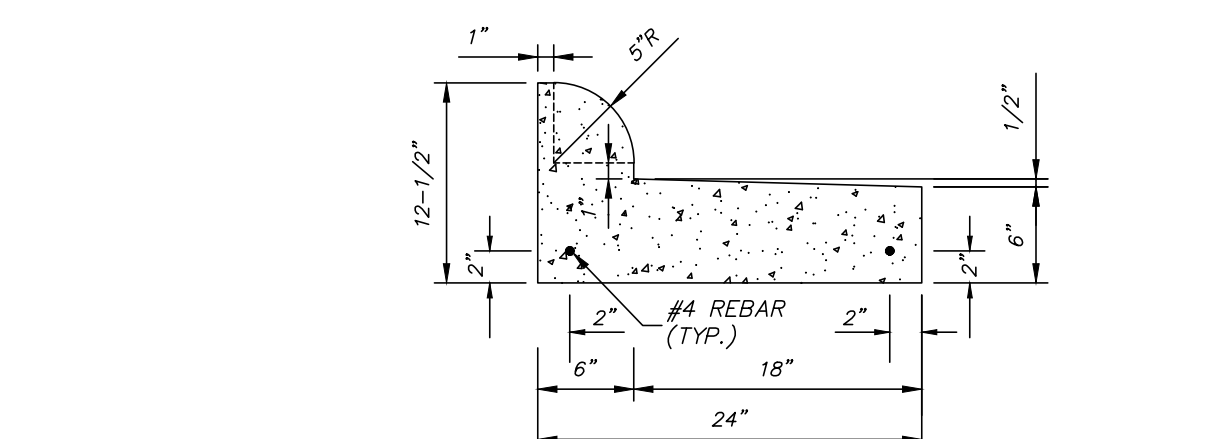
Vertical sidebar containing project information: PROJECT LOCATION (DEES PLAZA MADISON COUNTY, MISSISSIPPI), CLIENT (BDP GROUP, LLC), PROJECT: CANDLEWOOD SUITES, SHEET CONTENTS: GENERAL CONSTRUCTION NOTES, SHEET NUMBER (2 of 16), PROJECT NUMBER (B-7302), and logo for BENCHMARK ENGINEERING & SURVEYING, LLC.



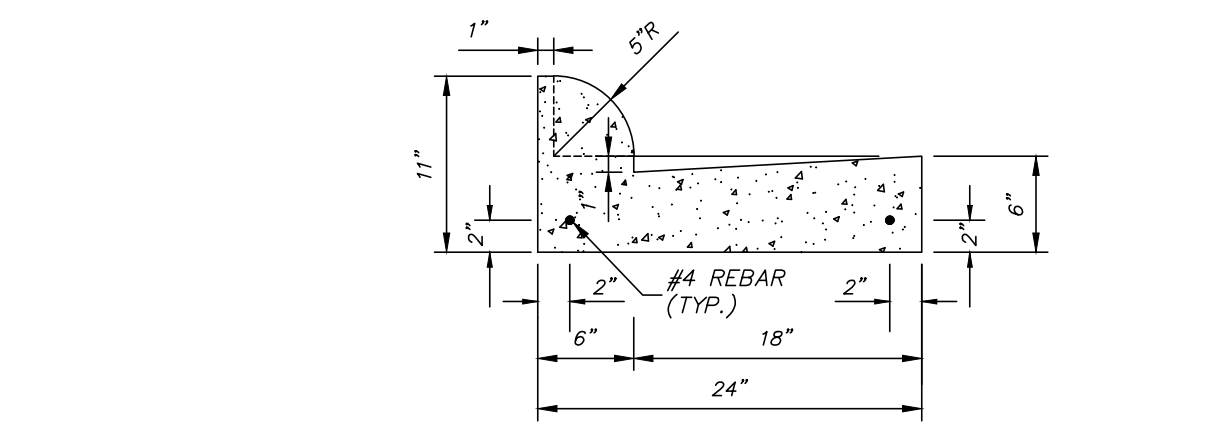
- NOTES:
1. ALL HANDICAPPED PAVEMENT MARKINGS SHALL BE PAINTED BLUE IN STRIPES IN ACCORDANCE WITH ADA STANDARDS.
 2. RAMP SHALL NOT EXCEED A 13:1 SLOPE.
 3. MAINTAIN A MAXIMUM OF 1.5% SLOPE IN ADA STALLS.
- TYPICAL HANDICAPPED PARKING & HANDICAPPED RAMP DETAILS**



TYPICAL CURB AND GUTTER JOINT SPACING



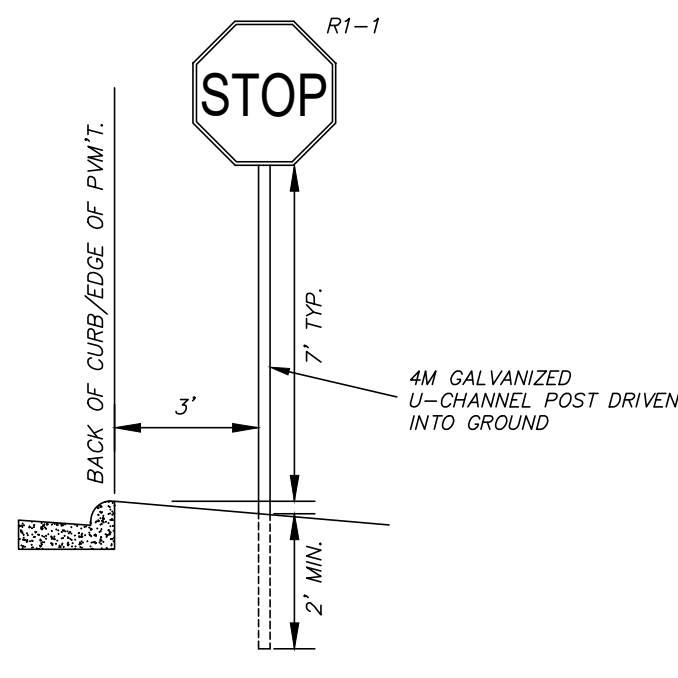
TYPE 3B MODIFIED CURB WITH REVERSED GUTTER



TYPE 3B MODIFIED CURB & GUTTER

- CURB AND GUTTER NOTES:
1. CURB AND GUTTER SHALL BE 3500 PSI MINIMUM CONCRETE.
 2. CURB AND GUTTER SHALL BE PLACED ON COMPACTED SUB-GRADE MEETING ROADWAY SPECIFICATIONS. SUB-GRADE SHALL PASS A PROOF ROLL WITH THE ENGINEER OR HIS REPRESENTATIVE PRIOR TO POURING ANY PORTION OF THE CURB AND GUTTER.
 3. PROVIDE EXPANSION JOINTS WITH 1/2" EXPANSION MATERIAL AT INTERVALS NOT TO EXCEED FORTY (40) FEET. TWO 3/4" DOWEL BARS HELD IN PLACE BY APPROVED CHAIRS OR SUPPORTS, 15" IN LENGTH REQ'D. AT EXPANSION JOINTS.
 4. TOOLED CONTRACTION/CONTROL JOINTS (1/4" WIDE x 1" DEEP) ARE REQUIRED IN THE CURB AND GUTTER AT EVENLY SPACED INTERVALS NOT TO EXCEED TEN (10) FEET.
 5. CONTRACTOR SHALL MAKE TRANSITION FROM STANDARD CURB TO REVERSED GUTTER THROUGH A RADIUS IS POSSIBLE AND IF NOT, GRADUALLY TRANSITION BETWEEN CONTRACTION JOINTS.
 6. LOCATIONS FOR REVERSE GUTTER ARE NOTED ON THE DRAWINGS. THE CONTRACTOR MAY PROPOSE TO ADJUST LOCATIONS BY PROVIDING ENGINEER WITH A DRAWING WITH PROPOSED REVERSE GUTTER LOCATIONS FOR HIS REVIEW AND COMMENT/REJECTION/APPROVAL.

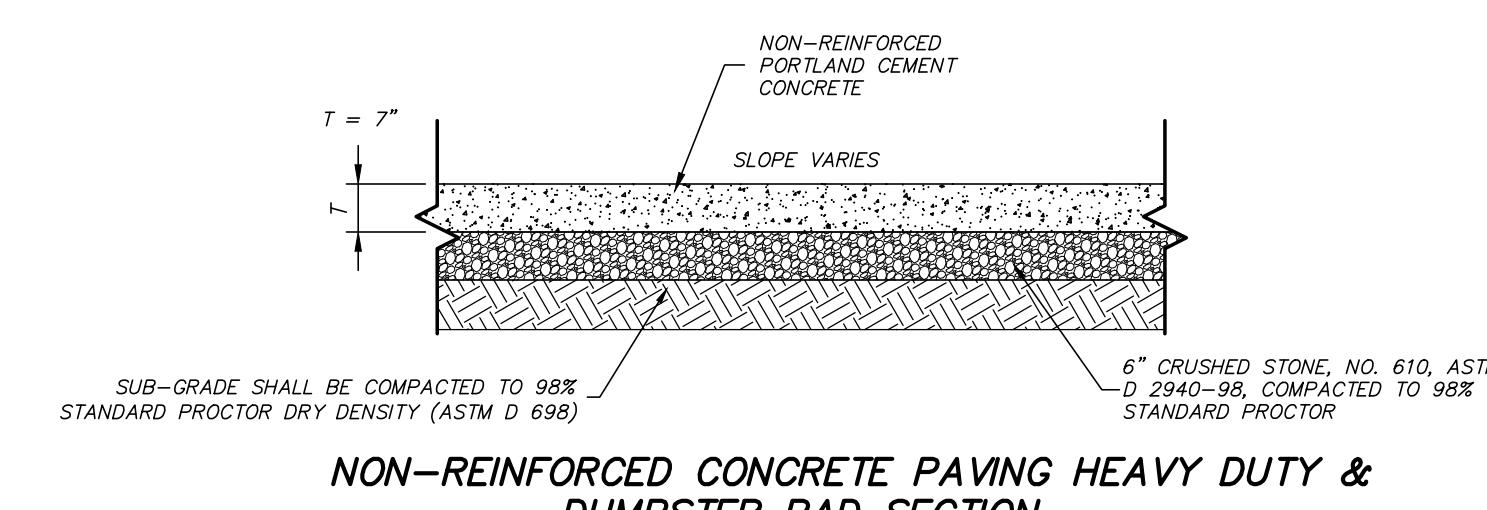
CURB AND GUTTER DETAILS



TRAFFIC SIGN INSTALLATION
N.T.S.



NON-REINFORCED CONCRETE PAVING SECTION

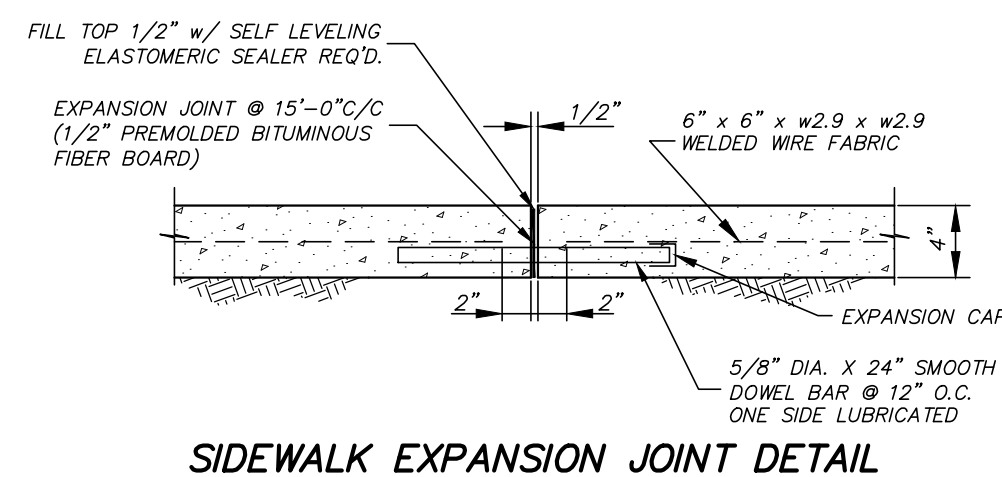


NON-REINFORCED CONCRETE PAVING HEAVY DUTY & DUMPSTER PAD SECTION

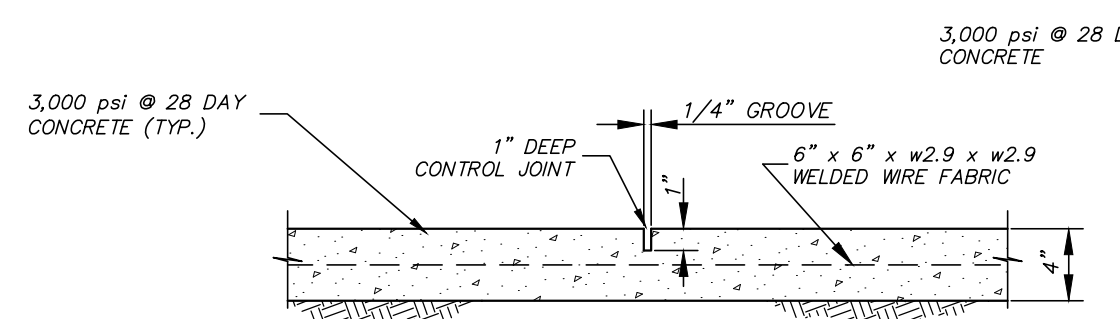
NOTES:

1. PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM 28-DAY FLEXURAL STRENGTH OF 650 PSI AND A COMPRESSIVE STRENGTH OF 4,000 PSI.
2. EXPANSION, ISOLATION AND CONTROL JOINT SPACING & CONFIGURATION, MIX DESIGN, MIX PLACEMENT AND CURING SHALL CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE "ACI 308R-01" GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS" AND THE PORTLAND CEMENT ASSOCIATION (PCA).
3. CONTRACTION/CONTROL JOINTS SHALL BE TOOLED OR SAWCUT IN STRAIGHT LINES TO THE DEPTHS SHOWN AT THE PROPER CURE TIME AND WITH THE PROPER MATERIALS/EQUIPMENT TO LEAVE THE FINISHED CONCRETE SURFACE ALONG THE JOINTS LOOKING SMOOTH AND FREE FROM CHIPPING OR OTHER DEFECTS. JOINTS WHERE CHIPPING OR OTHER IRREGULARITIES THAT COMPROMISE THE LOOK OF THE CONCRETE PER THE OWNER/ENGINEER SHALL BE REJECTED AND SUBSEQUENTLY REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

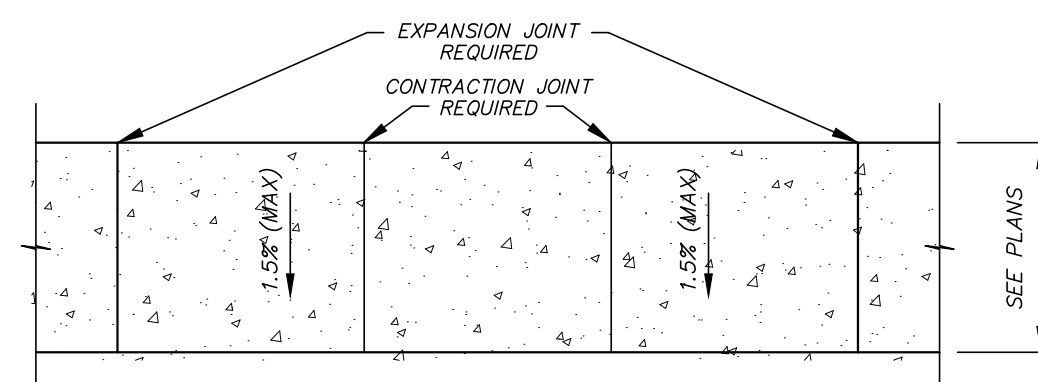
TYPICAL SECTIONS OF RIGID PAVEMENT STRUCTURES



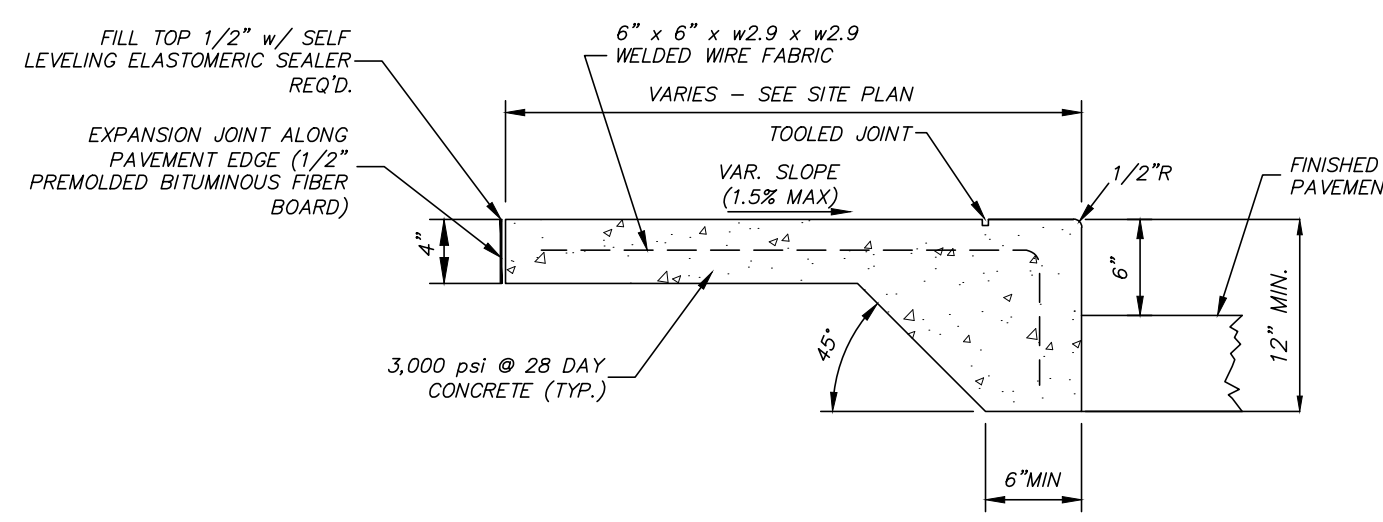
SIDEWALK EXPANSION JOINT DETAIL



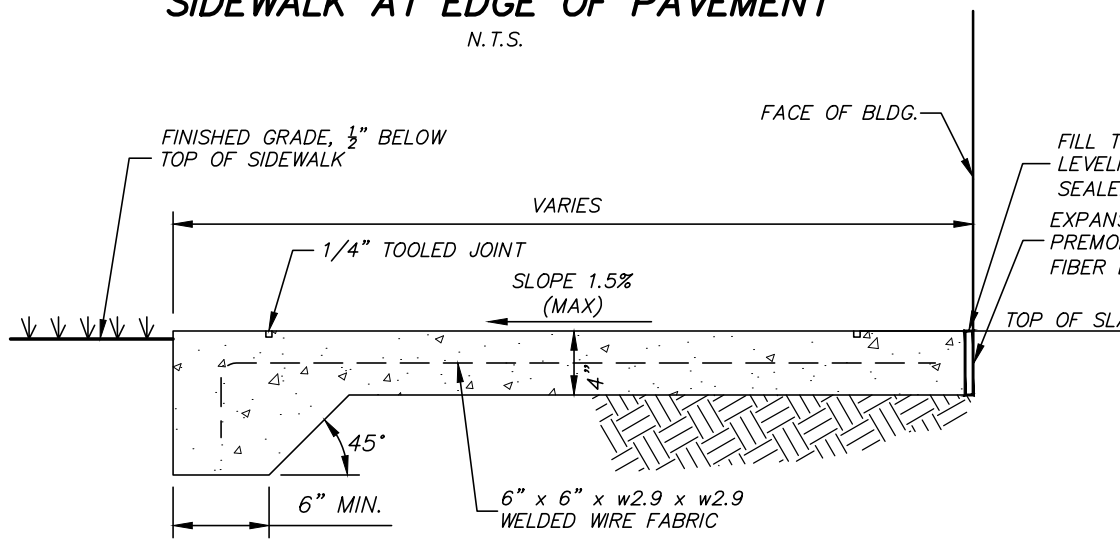
SIDEWALK CONTRACTION JOINT DETAIL



SIDEWALK JOINT LAYOUT DETAIL



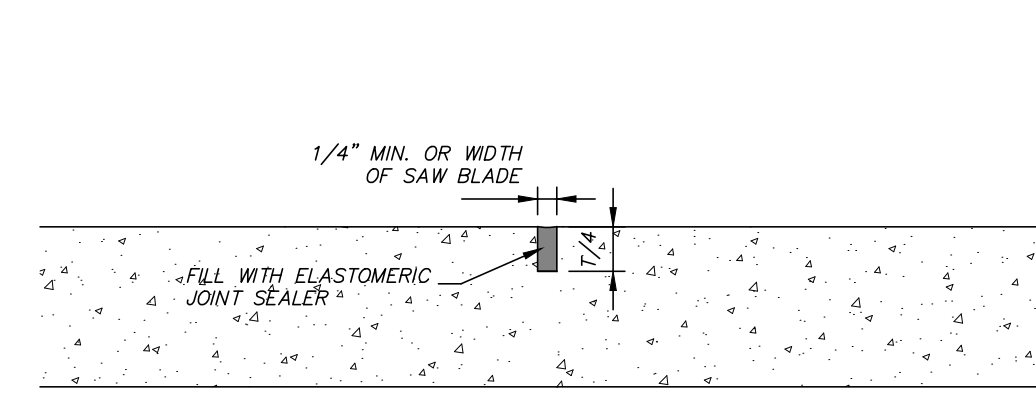
SIDEWALK AT EDGE OF PAVEMENT
N.T.S.



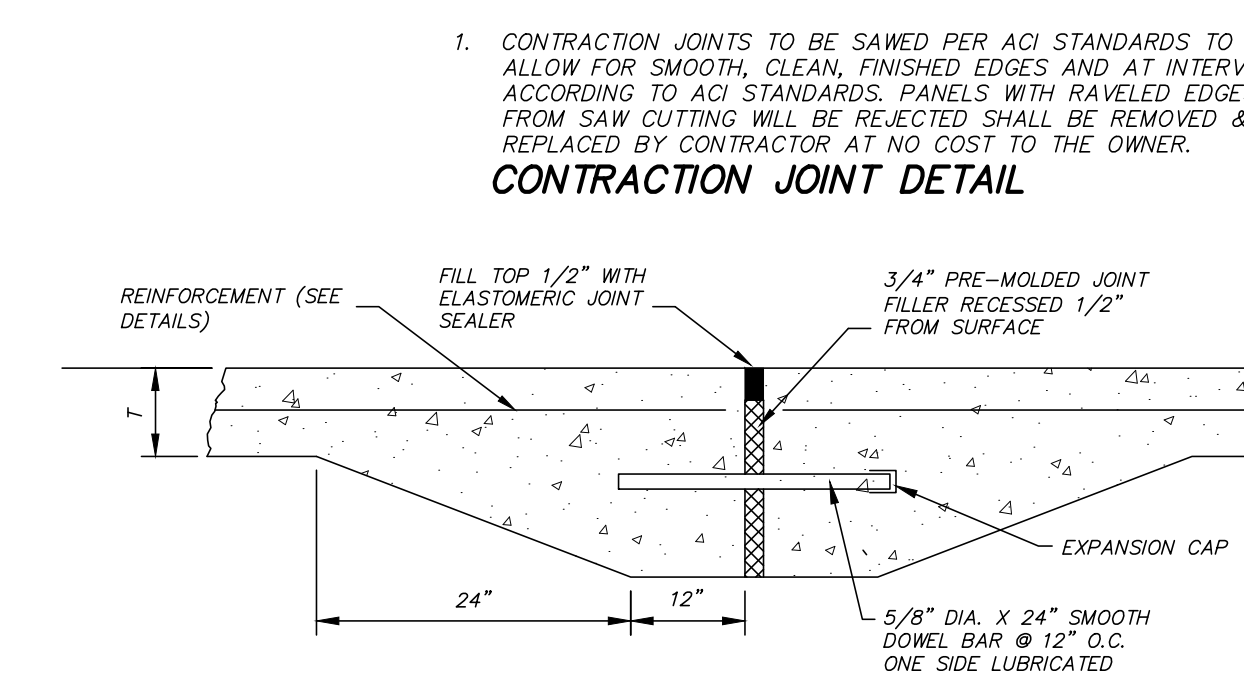
SIDEWALK AT LANDSCAPING
N.T.S.

- SIDEWALK CONSTRUCTION NOTES:
1. SUB-GRADE FOR SIDEWALK SHALL PREPARED IN SAME MANNER AS REQUIRED FOR PAVEMENT CONSTRUCTION.
 2. EXPANSION JOINT REQ'D. WHERE TYING SIDEWALK TO BUILDING OR BACK OF CURB WITH 1/2" PRE-MOLDED BITUMINOUS FIBER BOARD AND TOP FILLED WITH 1/2" SELF LEVELING ELASTOMERIC SEALER.
 3. WELDED WIRE FABRIC SHALL BE SHEETS AND NOT ROLLS.
 4. CONTRACTION JOINTS REQUIRED AT 5' O.C. & EXPANSION JOINTS REQUIRED AT 15' O.C. UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
 5. CONTRACTION/CONTROL JOINTS SHALL BE TOOLED OR SAWCUT IN STRAIGHT LINES TO THE DEPTHS SHOWN AT THE PROPER CURE TIME AND WITH THE PROPER MATERIALS/EQUIPMENT TO LEAVE THE FINISHED CONCRETE SURFACE ALONG THE JOINTS LOOKING SMOOTH AND FREE FROM CHIPPING OR OTHER DEFECTS. JOINTS WHERE CHIPPING OR OTHER IRREGULARITIES THAT COMPROMISE THE LOOK OF THE CONCRETE PER THE OWNER/ENGINEER SHALL BE REJECTED AND SUBSEQUENTLY REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 6. CONTRACTOR SHALL SEE SPOT ELEVATIONS ON GRADING LAYOUT FOR SIDEWALK SLOPES.

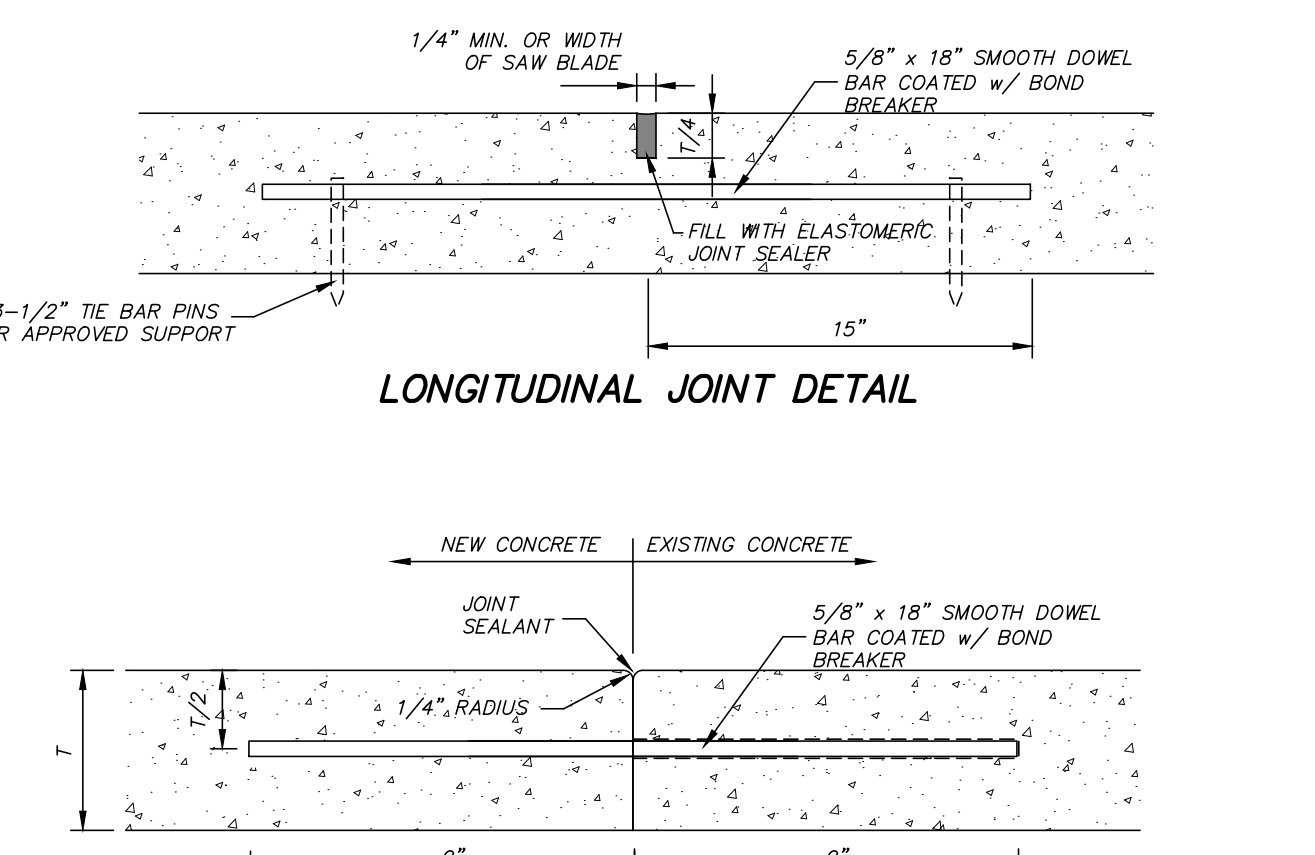
CONCRETE SIDEWALK DETAILS



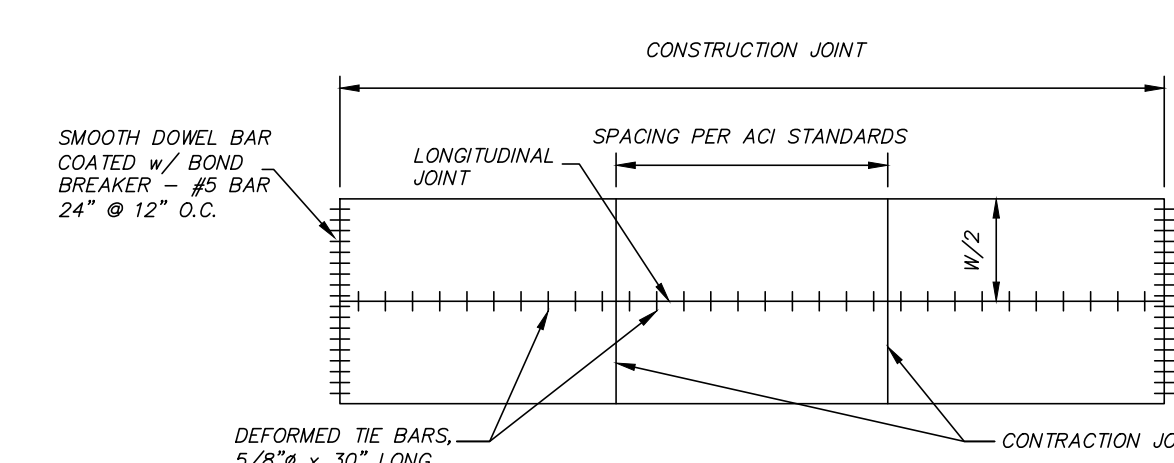
LONGITUDINAL JOINT DETAIL



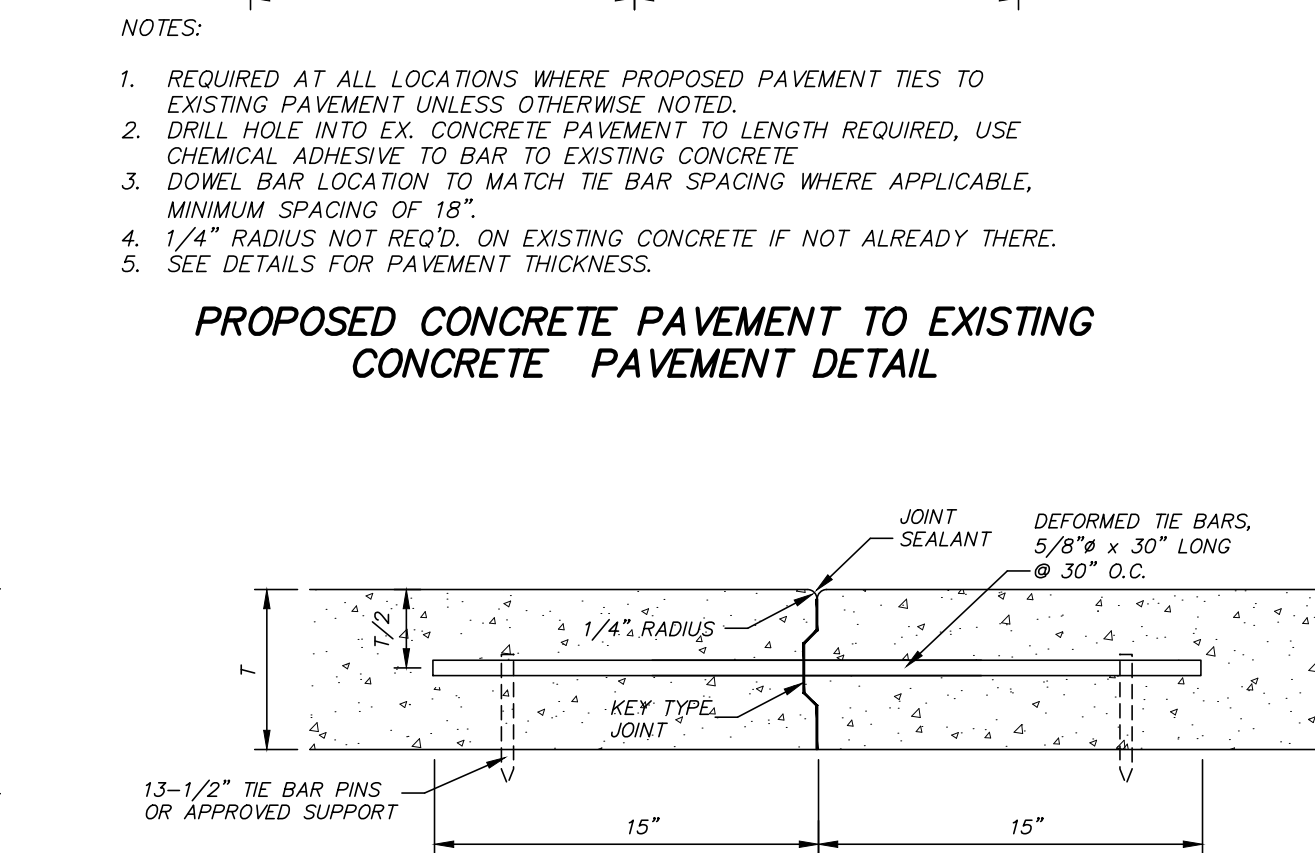
TRANSVERSE EXPANSION JOINT DETAIL



PROPOSED CONCRETE PAVEMENT TO EXISTING CONCRETE PAVEMENT DETAIL

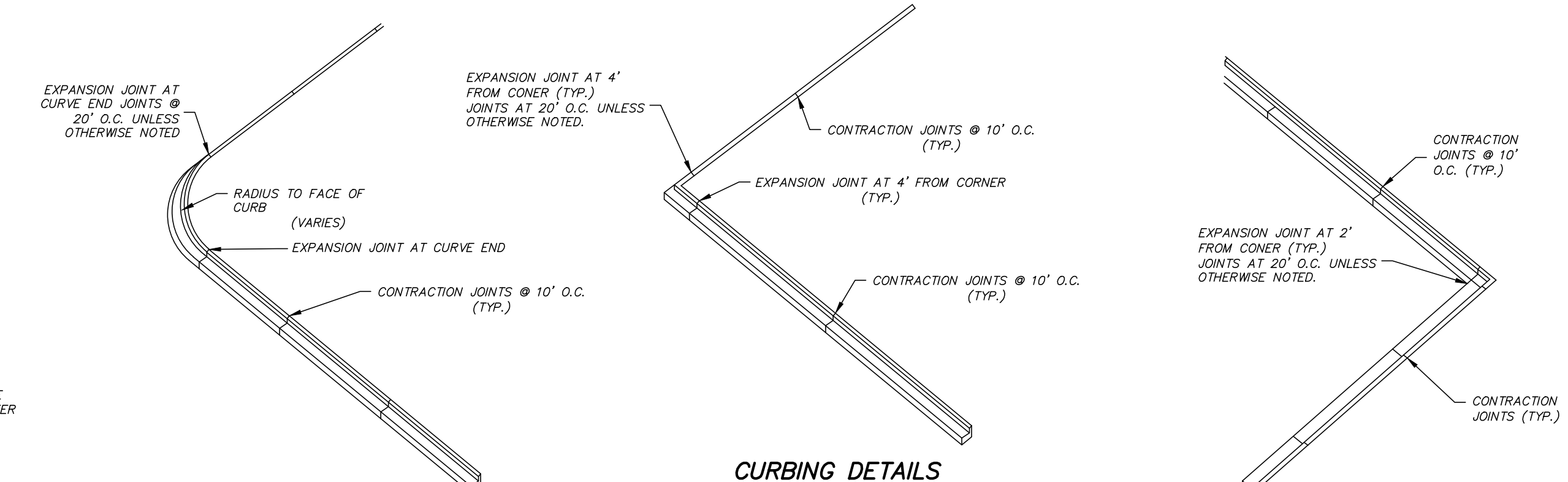


TYPICAL JOINT SPACING FOR RIGID PAVEMENT



CONSTRUCTION JOINT DETAIL

CONCRETE ROADWAY DETAILS



CURBING DETAILS ISLANDS AND ANGLES

REVISIONS:

DATE: 4/5/24

DRAWN: JH

CHECKED: GAB

SCALE: -

PROJECT LOCATION: DEES PLAZA

MADISON COUNTY, MISSISSIPPI

CLIENT: BDP GROUP, LLC

602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT: CANDLEWOOD SUITES

SHEET CONTENTS: TYPICAL SECTION & MISCELLANEOUS DETAILS

SHEET NUMBER

3 of 16

PROJECT NUMBER

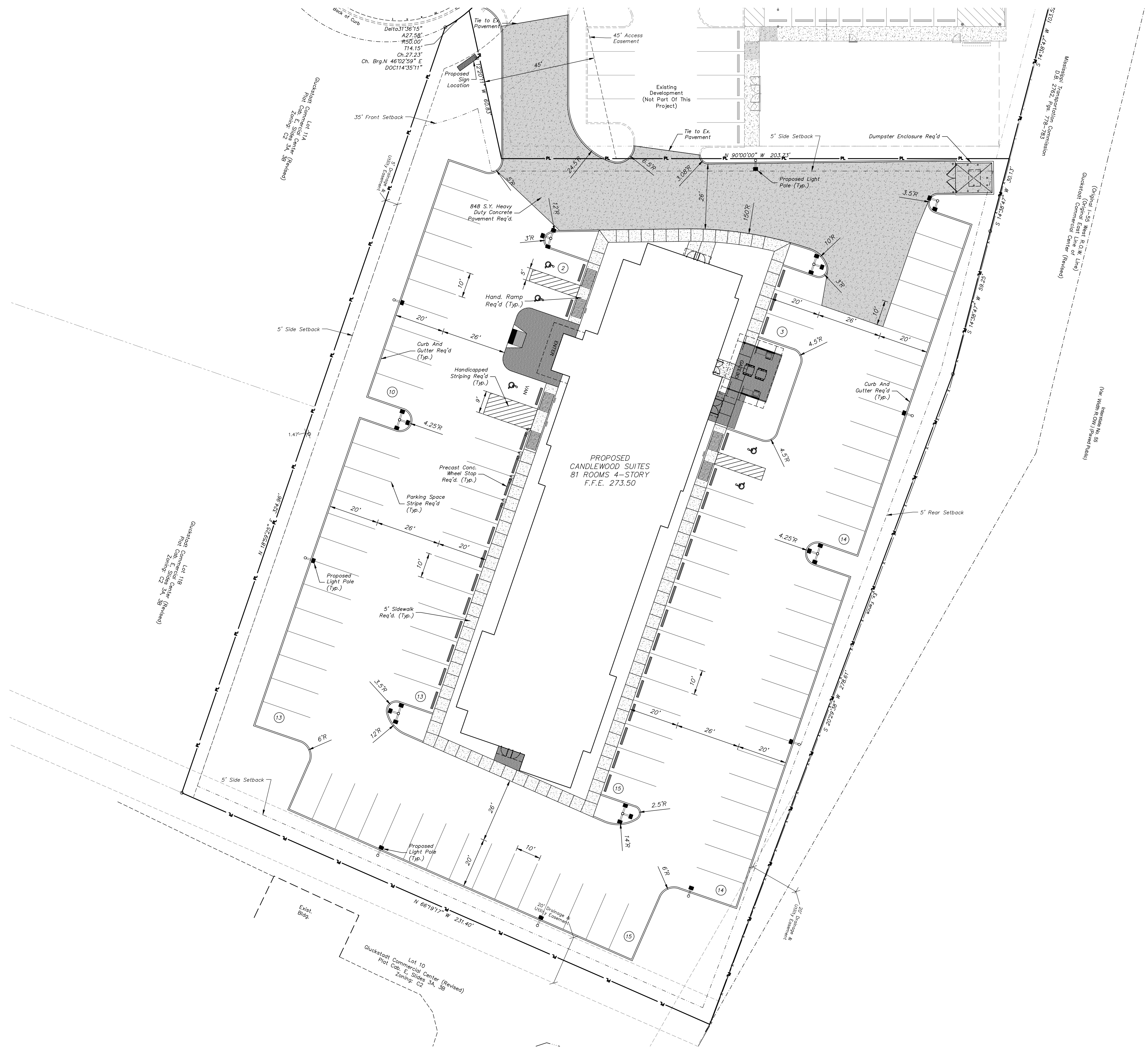
B-7302

DATE:	4/5/24
CHECKED:	GAB
REF C/L:	
EG SURFACE:	
FG SURFACE:	
DRAWN:	JH
SCALE:	1" = 20'
REVISIONS:	

PROJECT LOCATION:	DEES PLAZA MADISON COUNTY, MISSISSIPPI
CLIENT:	BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:	CANDLEWOOD SUITES
SHEET CONTENTS:	SITE PLAN

SHEET NUMBER	4 of 16
PROJECT NUMBER	B-7302



PROJECT SITE INFORMATION:

CURRENT ZONING - C-2, HIGHWAY COMMERCIAL DISTRICT

MINIMUM SETBACK REQUIREMENTS:
 FRONT - 35'
 SIDE - 5'
 REAR - 5'

APPROXIMATE PROJECT ACREAGE: ±1.75 AC

APPROXIMATE ACREAGE BREAKDOWN:
 PROPOSED BUILDING - 0.259 AC (11,276± S.F.), 14.47%
 PROPOSED SIDEWALKS - 0.069 AC (3021± S.F.), 3.85%
 PROPOSED DRIVES/PARKING - 0.88 AC (38,486± S.F.), 49.16%
 GREEN AREA - 0.552 AC (24,045± S.F.), 30.84%

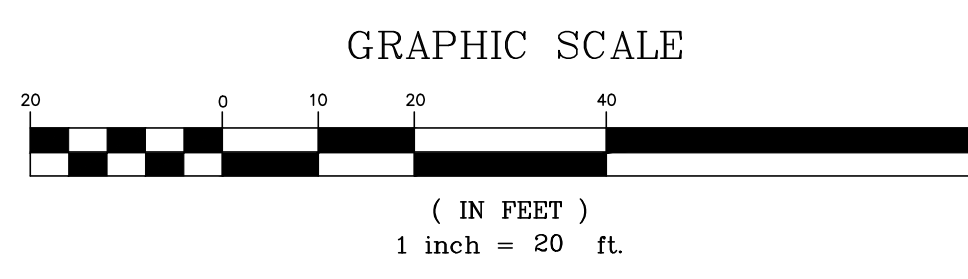
PARKING REQUIRED: 122 SPACES REQUIRED*
 PARKING PROVIDED: 99 NEW SPACES, INCLUDING 5 HANDICAPPED

*A VARIANCE ON THE NUMBER OF PARKING SPACES AND THE SITE PLAN WAS APPROVED BY THE MADISON COUNTY BOARD OF SUPERVISORS AT THE NOV. 2, 2020 BOS MEETING.

HEAVY DUTY CONCRETE (RIGID) PAVING REQ'D.
 CONCRETE SIDEWALK REQ'D.

NOTE: ALL PAVING NOT NOTED AS ONE OF THE ABOVE SHALL BE CONSIDERED LIGHT DUTY CONCRETE

- NOTE:
- SEE TYPICAL SECTIONS AND PROJECT SPECIFICATIONS FOR PAVING REQUIREMENTS.
 - RADIAL DIMENSIONS ARE MEASURED FROM THE BACK OF CURB. PARKING LOT DIMENSIONS ARE TO THE FACE OF CURB.
 - SEE ARCHITECTURAL PLANS FOR MORE DETAILS ON THE BUILDINGS AND DUMPSTER ENCLOSURE.
 - ANY PAVING NOT DELINEATED AS A FORM OF CONCRETE OR HEAVY DUTY CONCRETE PAVING SHALL BE CONSIDERED LIGHT DUTY CONCRETE PAVING.
 - PARKING SPACE STRIPING SHALL BE 4" MINIMUM WIDTH AND PAINTED WHITE.
 - ITEMS NOTED AS LEGEND STRIPING SHALL BE THERMOPLASTIC INSTALLED PER MOOT REQUIREMENTS FOR SIZE AND THICKNESS. ALL REMAINING STRIPING SHALL BE FAST DRYING SOLVENT BASED TRAFFIC PAINT FOR USE ON BITUMINOUS AND PORTLAND CEMENT CONCRETE PAVEMENT. PAINT SHALL MEET THE REQUIREMENTS OF SECTION 710 OF THE LATEST EDITION OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - IT IS THE OWNER'S RESPONSIBILITY TO OBTAIN PERMISSION TO PERFORM WORK ON ADJACENT PROPERTY FROM THE PROPERTY OWNERS SHOULD IT BE NECESSARY TO COMPLETELY INSTALL IMPROVEMENTS.
 - PRIOR TO INSTALLATION OF CURB & GUTTER THE CONTRACTOR SHALL PROVIDE ENGINEER WITH A MARKED UP DRAWING SHOWING WHERE REVERSED GUTTER CURB IS PROPOSED FOR HIS REVIEW AND APPROVAL.



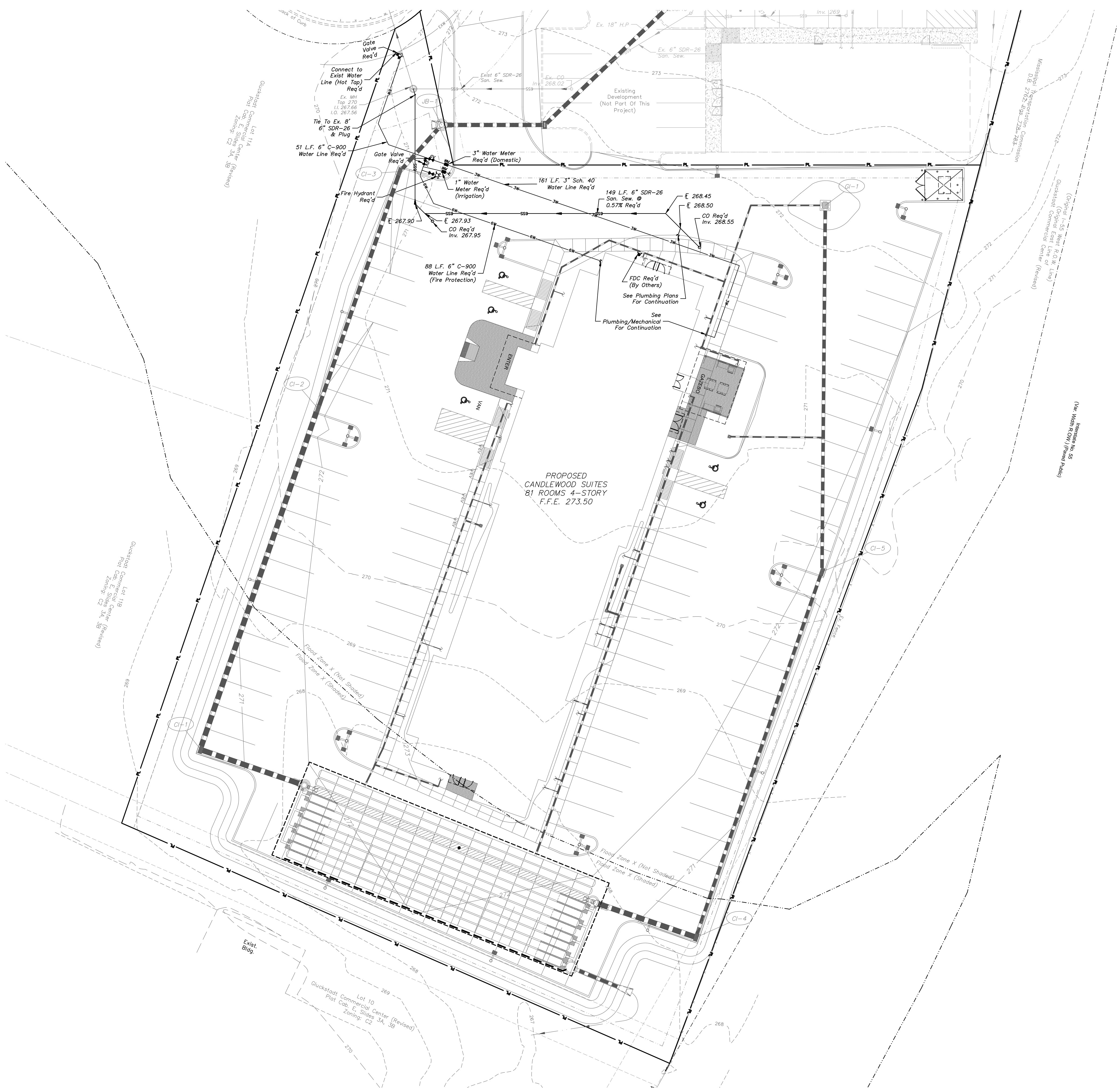
BENCHMARK
ENGINEERING & SURVEYING, LLC
 660 Katherine Drive, Suite 302
 Brandon, MS 39042
 Phone: 601-827-7780
 www.benchmark.ms.net

DATE:	4/5/24	DRAWN:	JH	REVISIONS:
CHECKED:	GAB	SCALE:	1" = 20'	
REF C/L:		EG SURFACE:		
		FG SURFACE:		

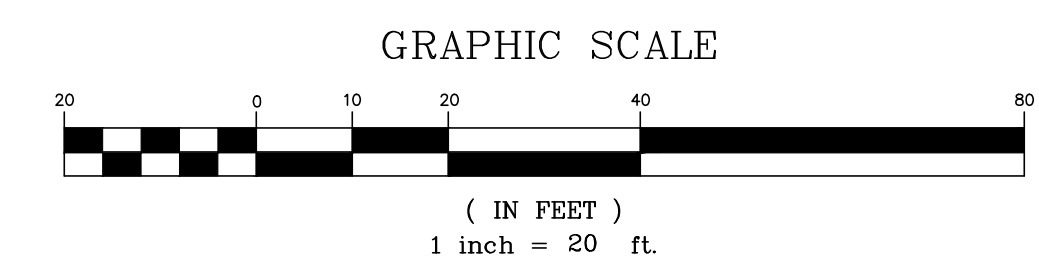
PROJECT LOCATION:
DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES
 SHEET CONTENTS:
WATER & SEWER LAYOUT

SHEET NUMBER
5 of 16
 PROJECT NUMBER
B-7302



- NOTES:
- SEE NOTES ON SHEET 2, DETAIL DRAWINGS & PROJECT
 - ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE MARKED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 811 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS. CONTRACTOR SHALL POT-HOLE EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 - CONTRACTOR TO VERIFY EXISTING LOCATION AND ELEVATION OF ALL UTILITY INFRASTRUCTURE REQUIRED FOR COMPLETION OF THIS PROJECT IN FULL PRIOR TO BEGINNING ANY ASPECT OF CONSTRUCTION. THIS INCLUDES ALL ON-SITE AND OFF-SITE UTILITIES AS REQUIRED. SHOULD ANY DISCREPANCIES BE FOUND THEY SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEER'S ATTENTION IN WRITING TO RECEIVE FURTHER INSTRUCTION.
 - CONTRACTOR SHALL COORDINATE ALL WORK DIRECTLY INVOLVING, CROSSING OR IN THE VICINITY OF AN EXISTING UTILITY LINE WITH UTILITY PROVIDER/OWNER.
 - WATER AND SANITARY SEWER LINES TO BE INSTALLED ACCORDING TO THE PROJECT DETAILS AND SPECIFICATIONS.
 - TRACER WIRE REQUIRED ON ALL NEW WATER LINES NO MATTER THE SIZE. ACCESS BOXES SHALL BE INSTALLED AS REQUIRED FOR CONTINUOUS CONDUCTIVITY IN WIRE FOR LOCATION PURPOSES AND NOTED ON THE DRAWINGS WHERE THEY WERE INSTALLED. CONTRACTOR SHALL PROVIDE ENGINEER WITH DRAWING SHOWING PROPOSED LOCATION OF ACCESS BOXES PRIOR TO INSTALLATION.
 - CONTRACTOR TO COMPARE THE PROPOSED SIZE AND PROPOSED BUILDING TIE-IN LOCATION OF ALL WATER AND SANITARY SEWER LINES WITH THE BUILDING/PLUMBING PLANS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES.
 - ALL FITTING SHALL BE RESTRAINED WITH MEGA LUGS.
 - GATE VALVES AND OTHER FITTING SHALL BE CONNECTED DIRECTLY TO EACH OTHER.
 - THRUST BLOCKING REQ'D UNDER ALL VALVES AND ON ALL FITTINGS.
 - CONTRACTOR SHALL COORDINATE WATER SERVICE REQUIREMENTS WITH THE WATER ASSOCIATION AND PAY ALL FEES ASSOCIATED WITH SUCH.



DATE: 4/5/24	DRAWN: KDR	REVISIONS:
CHECKED: GAB	SCALE: 1" = 20'	
REF C/L:	EG SURFACE:	
	FG SURFACE:	

PROJECT LOCATION:
DEES PLAZA
 MADISON COUNTY, MISSISSIPPI

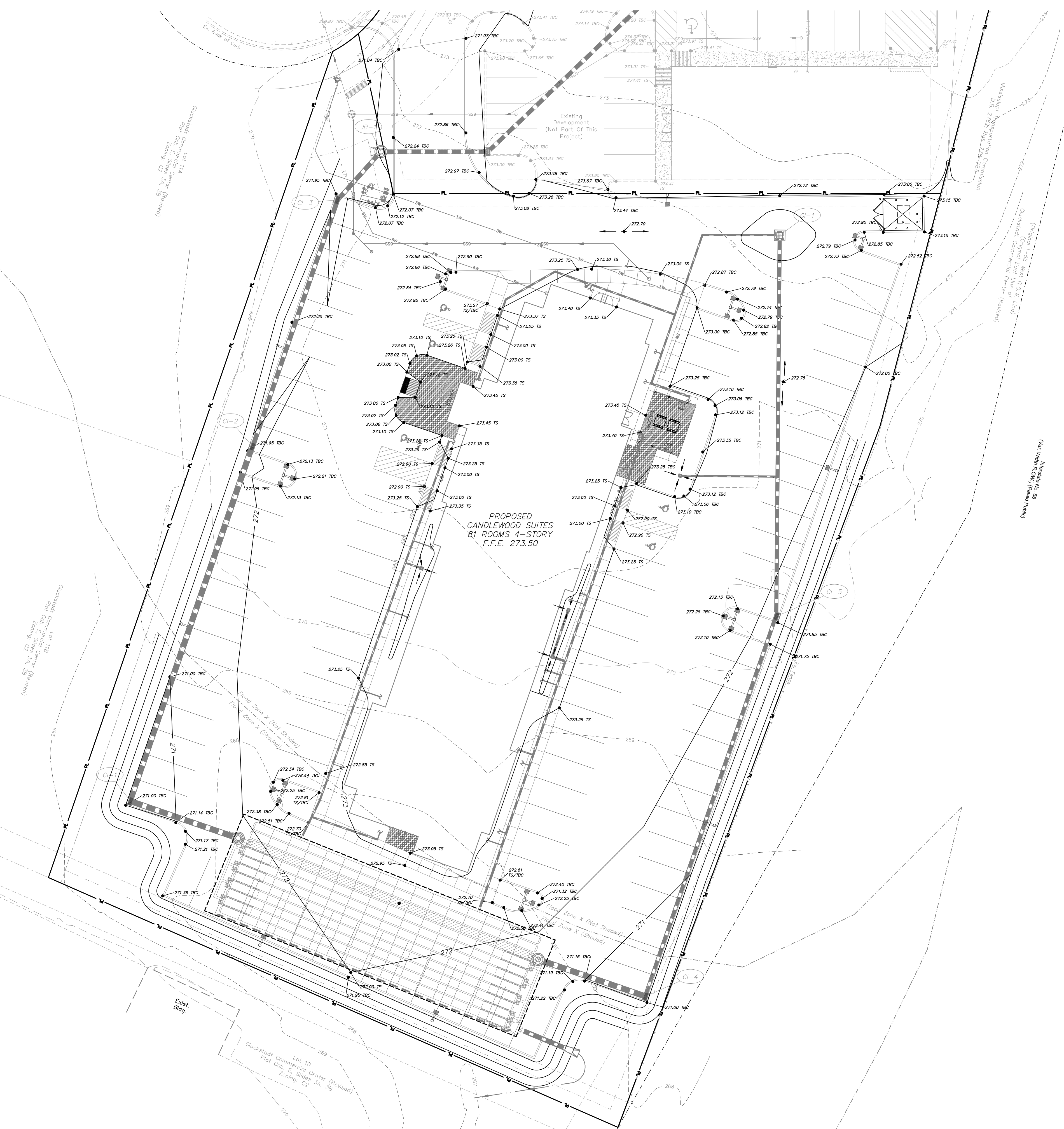
CLIENT:
BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES

SHEET CONTENTS:
GRADING PLAN

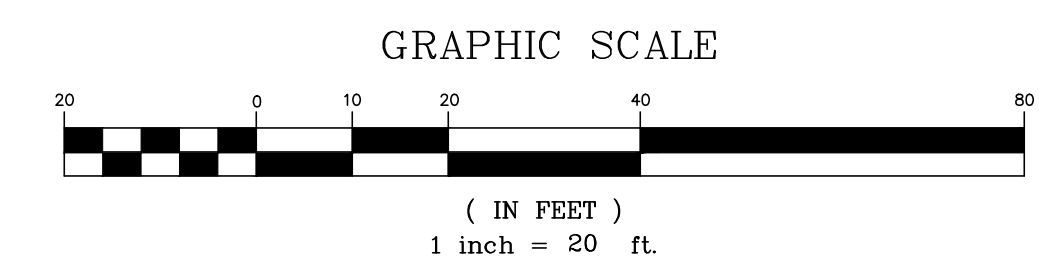
SHEET NUMBER
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PROJECT NUMBER
B-7302



SPOT ELEVATION LEGEND
 TBC = TOP BACK OF CURB
 TS = TOP OF SIDEWALK
 TP = TOP OF PAVEMENT

- NOTES:
- SEE NOTES ON SHEET 2, DETAIL DRAWINGS & PROJECT SPECIFICATIONS FOR MORE DETAILED INFORMATION ON INSTALLATION REQUIREMENTS.
 - ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE MARKED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 601-362-4374 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS.
 - PRIOR TO BIDDING THE PROJECT THE CONTRACTOR SHALL POTHOLE EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) OR DRAINAGE SWALES ARE PROPOSED TO CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 - SLOPES THAT ARE GREATER THAN 3:1 SHALL RECEIVE SOLID SOD UNLESS OTHERWISE NOTED.
 - ALL DISTURBED AREAS THAT ARE OUTSIDE THE PROJECT SCOPE/LIMITS SHALL BE REPAIRED TO AS GOOD AS THE ORIGINAL CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE. PICTURE DOCUMENTATION OF THESE AREAS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO DISTURBING TO SERVE AS PROOF OF THE PRE-EXISTING CONDITION.
 - MAINTAIN SLOPE IN HANDICAPPED STALLS AT 1.5% MAXIMUM.
 - PRIOR TO INSTALLATION OF ANY PORTION OF THE CURB AND GUTTER THE CONTRACTOR SHALL PROVIDE ENGINEER WITH A MARKED UP DRAWING SHOWING WHERE REVERSED GUTTER CURB IS PROPOSED FOR HIS REVIEW AND APPROVAL.



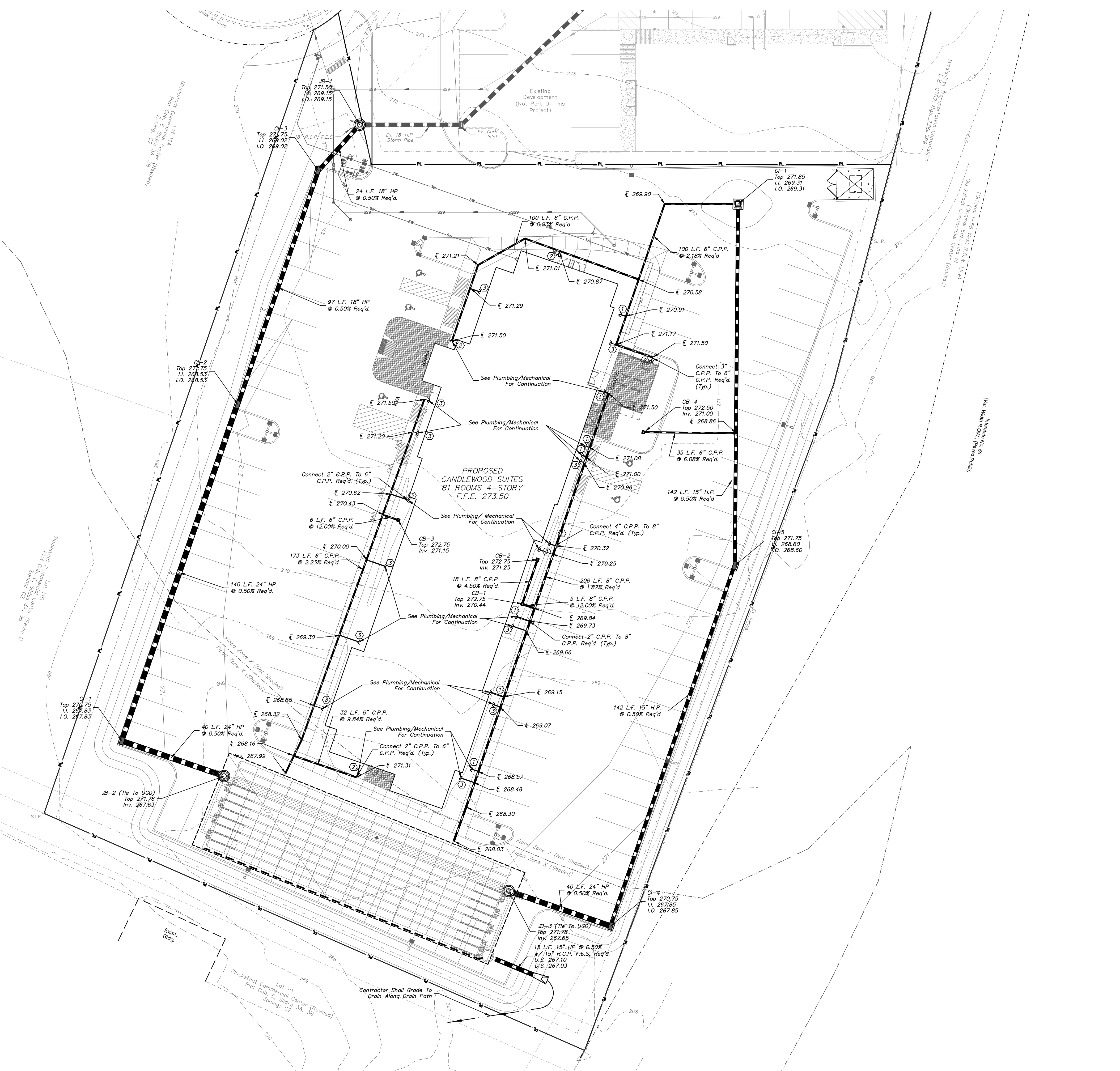
BENCHMARK
ENGINEERING & SURVEYING, LLC
 101 Highpointe Court, Suite B
 Brandon, MS 39042
 601-827-7780
 www.benchmarkms.com

DATE:	4/5/24
CHECKED:	GAB
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EG SURFACE:	
FG SURFACE:	

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

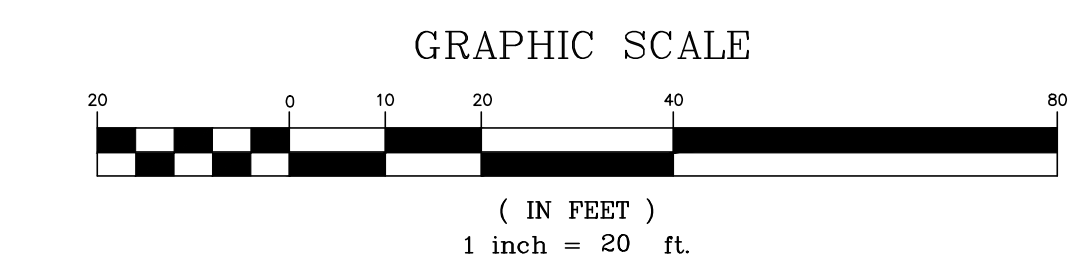
PROJECT:
CANDLEWOOD SUITES
 SHEET CONTENTS:
STORM DRAINAGE LAYOUT

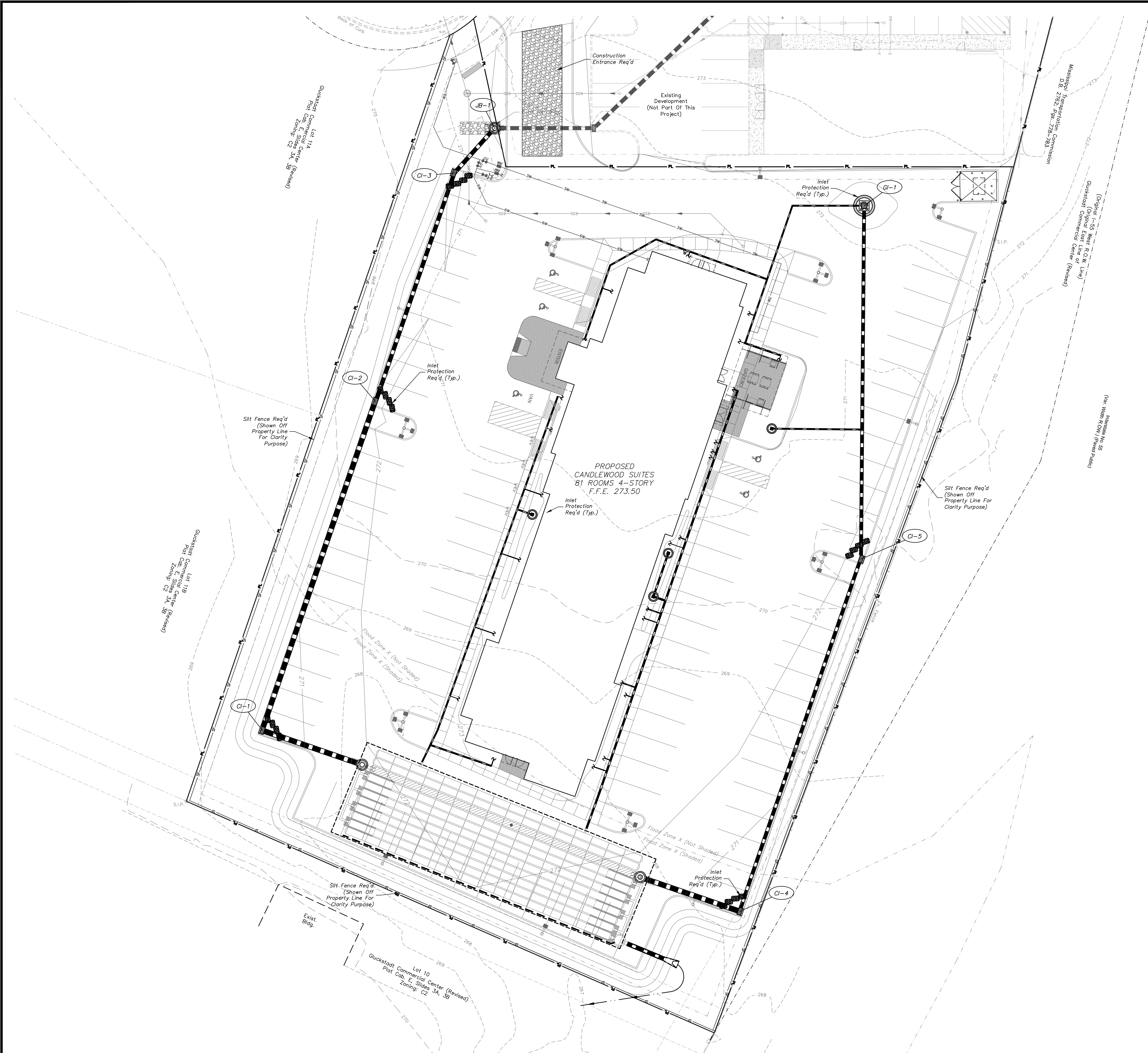
SHEET NUMBER
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 PROJECT NUMBER
B-7302



- LEGEND**
- ① 4" C.P.P. REQ'D. FOR CONNECTION TO DOWNSPOUT
 - ② 3" C.P.P. REQ'D. FOR CONNECTION TO DOWNSPOUT
 - ③ 2" C.P.P. REQ'D. FOR CONNECTION TO CONDENSATE LEADER

- NOTES:**
1. SEE NOTES ON STORM DRAIN DETAILS & PROJECT SPECIFICATIONS FOR MORE DETAILED INFORMATION ON INSTALLATION REQUIREMENTS.
 2. ALL EXISTING UTILITIES ARE SHOWN AS THEY WERE MARKED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL AT 601-362-4374 FOR A LOCATE PRIOR TO BEGINNING CONSTRUCTION TO VERIFY LOCATIONS. CONTRACTOR SHALL POT-HOLE EXISTING UTILITY LINES IN AREAS WHERE PROPOSED UTILITIES (WATER, SEWER, STORM DRAIN) CROSS AND NOTIFY ENGINEER IMMEDIATELY IF CONFLICT IS DISCOVERED.
 3. NOT ALL UTILITY INFRASTRUCTURE REQUIRED OF THIS PROJECT IS SHOWN ON THIS SHEET FOR CLARITY PURPOSES. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DRAWINGS AND ALL THAT IS REQUIRED OF THEM.
 4. INVERT ELEVATIONS SHOWN ON THE PLANS FOR THE STORM DRAIN STRUCTURES AND CULVERTS REPRESENT THE FLOW LINE. CONTRACTOR TO ACCOUNT FOR PIPE OR STRUCTURE THICKNESS WHEN INSTALLING.
 5. THIS PARCEL IS LOCATED IN FLOOD ZONE X (NOT SHADED) AND FLOOD ZONE X (SHADED) ACCORDING TO FLOOD INSURANCE RATE MAP NO. 28090C0415F, COMMUNITY PANEL NO. 280228 0415 F, EFFECTIVE DATE: MARCH 17, 2010.
 6. CURB INLETS (CI-1 & CI-2) SHALL BE NYLOPLAST BASINS WITH 2'X3' DIAGONAL FRAME & GRATE.
 7. GRATE INLETS (GI-1) SHALL BE NYLOPLAST INLETS WITH 2'X2' HEAVY DUTY FRAME AND GRATE AND SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS FOR PROPOSED APPLICATIONS.
 8. PRECAST OR POURED IN PLACE STRUCTURES ARE ALLOWED BUT SHALL BE AT NO EXTRA COST TO THE OWNER.
 9. IT IS INTENDED THAT ALL GRATE INLETS BE SURROUNDED WITH AN 18" WIDE X 6" THICK CONCRETE APRON. THE CORNERS OF THE APRON SHALL BE 0.05'-0.10' HIGHER THAN THE INLET TOP.
 10. SLOPES THAT ARE GREATER THAN 3:1 SHALL RECEIVE SOLID SOD UNLESS OTHERWISE NOTED.
 11. ALL DISTURBED AREAS ARE TO BE REPAIRED TO AS GOOD AS THE ORIGINAL CONDITION OR BETTER. PICTURE DOCUMENTATION OF THESE AREAS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO DISTURBING.
 12. ALL HP STORM PIPE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR PROPOSED APPLICATION.
 13. CONTRACTOR SHALL TIE ROOF DRAIN LINES INTO MAINS USING TEE OR OTHER WATERTIGHT METHOD APPROVED BY ENGINEER.
 14. CATCH BASINS CB-1 & CB-2 SHALL BE 8" ADS IN-LINE DRAINS W/ 12"X12" DUCTILE IRON GRATE. CATCH BASIN CB-3 AND CB-4 SHALL BE 6" ADS IN-LINE DRAIN W/ 12"X12" DUCTILE IRON GRATE. CATCH BASINS SHALL BE FITTED WITH CAP STYLE REDUCER FOR GRATE INSTALLATION AS NEEDED. TEES AND FITTINGS SHALL BE AS REQUIRED BY MANUFACTURER.





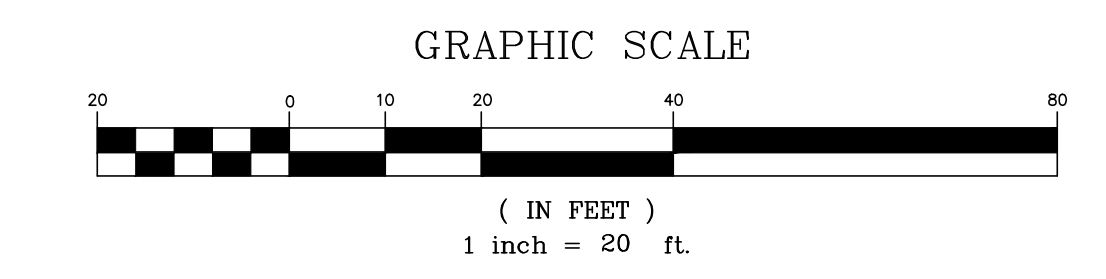
CONSTRUCTION & EROSION CONTROL SEQUENCE SCHEDULE

THE SCHEDULE LAID OUT BELOW IS TO PROVIDE CLARIFICATION TO THE CONTRACTOR ON THE INTENDED ORDER OF CONSTRUCTION IN CONJUNCTION WITH THE REQUIRED EROSION CONTROL MEASURES OF THIS PROJECT AS SHOWN ON THIS SHEET AND OTHER CONTRACT DOCUMENTS.

1. INSTALL TEMPORARY CONSTRUCTION ENTRANCE.
2. INSTALL SANITARY FACILITIES AND TRASH CONTAINERS.
3. SET UP EQUIPMENT AND MATERIALS STAGING AREA IF NEEDED BY THE CONTRACTOR FOR PROJECT.
4. INSTALL SILT FENCING ALONG THE DOWNSTREAM BOUNDARY OF ANY AREAS THAT WILL BE DISTURBED.
5. BEGIN GRADING OPERATIONS TO GET THE PROJECT SITE TO ROUGH GRADE. PLACE ADDITIONAL TEMPORARY MEASURES AS REQUIRED DURING THE GRADING OPERATIONS TO CONTROL RUNOFF.
6. BEGIN INSTALLING SITE UTILITIES SUCH AS SEWER, STORM DRAIN, WATER SERVICES, ETC.
7. COMPLETE BUILDING PAD AND BEGIN INSTALLING CURB & PAVING OPERATIONS.
8. FINE GRADE THE REMAINDER OF THE DISTURBED AREAS OF THE SITE.
9. STABILIZE THE PROJECT SITE WITH PERMANENT SEED & MULCH OR PER LANDSCAPING PLAN AND INSTALL ANY OTHER PERMANENT EROSION CONTROL MEASURES THAT MAY NOT BE IN PLACE.
10. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES IN DRAINAGE BASINS ONCE IMPROVEMENTS REQ'D IN THESE PLANS HAS BEEN COMPLETED AND AREAS DISTURBED DURING INSTALLATION OF SUCH HAS BEEN STABILIZED WITHIN SAID BASIN WITH 90% VEGETATIVE COVER.

EROSION CONTROL NOTES:

1. ALL DISTURBED AREAS SHALL BE TREATED WITH PERMANENT SEED & MULCH (COMMON BERMUDA) ONCE SUCH HAS REACHED FINAL GRADE OR AS REQUIRED PER THE LANDSCAPING PLAN. REQUIREMENTS OF THE LANDSCAPING PLAN GOVERN. SHOULD THE CONSTRUCTION SCHEDULE NOT BE CONDUIVE TO PLANTING BERMUDA PER SPECIFICATIONS, THEN THE CONTRACTOR SHALL SUBMIT AN ALTERNATE SPECIES FOR APPROVAL.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THE SMALL CONSTRUCTION NOTICE OF INTENT (SCNOI) AND FILL IN THE PRIME CONTRACTOR'S INFORMATION AND KEEP READILY AVAILABLE AT THE JOB SITE. ALL REQUIREMENTS OF THE SCNOI ARE THE CONTRACTOR'S RESPONSIBILITY INCLUDING BUT NOT LIMITED TO ALL REQUIRED INSPECTIONS, WEEKLY REPORTS AND MAINTENANCE OF THE SITE.
3. S.C.N.O.I. COVERAGE SHALL BE TRANSFERRED TO SITE PROJECT CONTRACTOR ONCE PROJECT IS AWARDED. SUCH COVERAGE SHALL THEN BE TRANSFERRED TO GENERAL CONTRACTOR ONCE SITE PACKAGE REQUIREMENTS HAVE BEEN COMPLETED. THIS IS THE CONTRACTOR'S RESPONSIBILITY AND COPIES OF SUCH SHALL BE PROVIDED TO ENGINEER AND OWNER.
4. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES THAT DISTURB EXISTING GROUND.
5. CONTRACTOR IS TO EVALUATE ALL STORM WATER MANAGEMENT CONTROLS A MINIMUM OF ONCE PER WEEK AND AFTER RAINFALL EVENTS TO DETERMINE EFFECTIVENESS OF THE EROSION AND SILTATION CONTROL MEASURES. ADDITIONAL MEASURES TO BE INSTALLED AS NEEDED TO CONTROL SEDIMENT (ABSORBED). INSPECTION REPORTS TO BE FILLED OUT ONCE PER WEEK NOTING ALL ACTIONS (IF ANY) REQUIRED.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AND REPAIR ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTENANCE OR REPLACEMENT OF ANY TEMPORARY EROSION CONTROL MEASURES.
7. TEMPORARY EROSION CONTROL MEASURES DEPICTED ON THIS DRAWING ARE MINIMUM REQUIREMENTS TO BE UTILIZED IN DEVELOPMENT OF THE SITE-SPECIFIC STORMWATER POLLUTION PREVENTION PLAN AND ARE NOT MEANT TO ADDRESS ALL OF THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT.
8. IT IS THE INTENT OF THE SPECIFICATIONS THAT THE WORK SHALL PROCEED IN A MANNER AND SEQUENCE TO ENSURE THAT ESTABLISHMENT OF PERMANENT EROSION CONTROL ITEMS ARE ACCOMPLISHED IMMEDIATELY AFTER FINISH GRADING.
9. EFFECTIVE USE OF TEMPORARY MEASURES, INCLUDING SEDIMENT BASINS, TEMPORARY SEEDING, ETC. SHALL BE MADE SO AS TO PREVENT OR MINIMIZE EROSION AND SILTATION UNTIL PERMANENT MEASURES ARE ESTABLISHED.
10. CONTRACTOR TO CONTACT MISSISSIPPI ONE CALL @ 811 AT LEAST 48 HOURS BEFORE IMPROVEMENTS ARE MADE.
11. CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES TO CONTROL SILTATION.
12. SEE THE EROSION CONTROL DETAIL SHEET FOR MORE DETAIL ON THE INSTALLATION OF THE REQUIRED EROSION CONTROL MEASURES.
13. ONCE THE PERMANENT EROSION CONTROL MEASURES ARE IN PLACE A FINAL SITE INSPECTION IS TO BE COORDINATED BY THE CONTRACTOR WITH THE ENGINEER AND THE OWNER. ONCE SITE MEETS ALL PARTIES SPECIFICATIONS THE CONTRACTOR WITH BE RELIEVED OF THE RESPONSIBILITIES OF THIS CONTRACT.
14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EROSION CONTROL MEASURES SHOULD, TO THE EXTENT PRACTICABLE:
 - A. DIVERT UP-SLOPE WATER AROUND DISTURBED AREAS OF THE SITE
 - B. LIMIT THE EXPOSURE OF DISTURBED AREAS TO THE SHORTEST AMOUNT OF TIME POSSIBLE
 - C. MINIMIZE THE AMOUNT OF SURFACE AREA THAT MUST BE DISTURBED
 - D. IMPLEMENT BEST MANAGEMENT PRACTICES TO MITIGATE ADVERSE IMPACTS FROM STORM WATER RUNOFF
 - E. REMOVE SEDIMENT THAT WOULD CONTRIBUTE TO OR CAUSE ADVERSE IMPACTS TO STATE WATERS FROM STORM WATER BEFORE IT LEAVES THE SITE

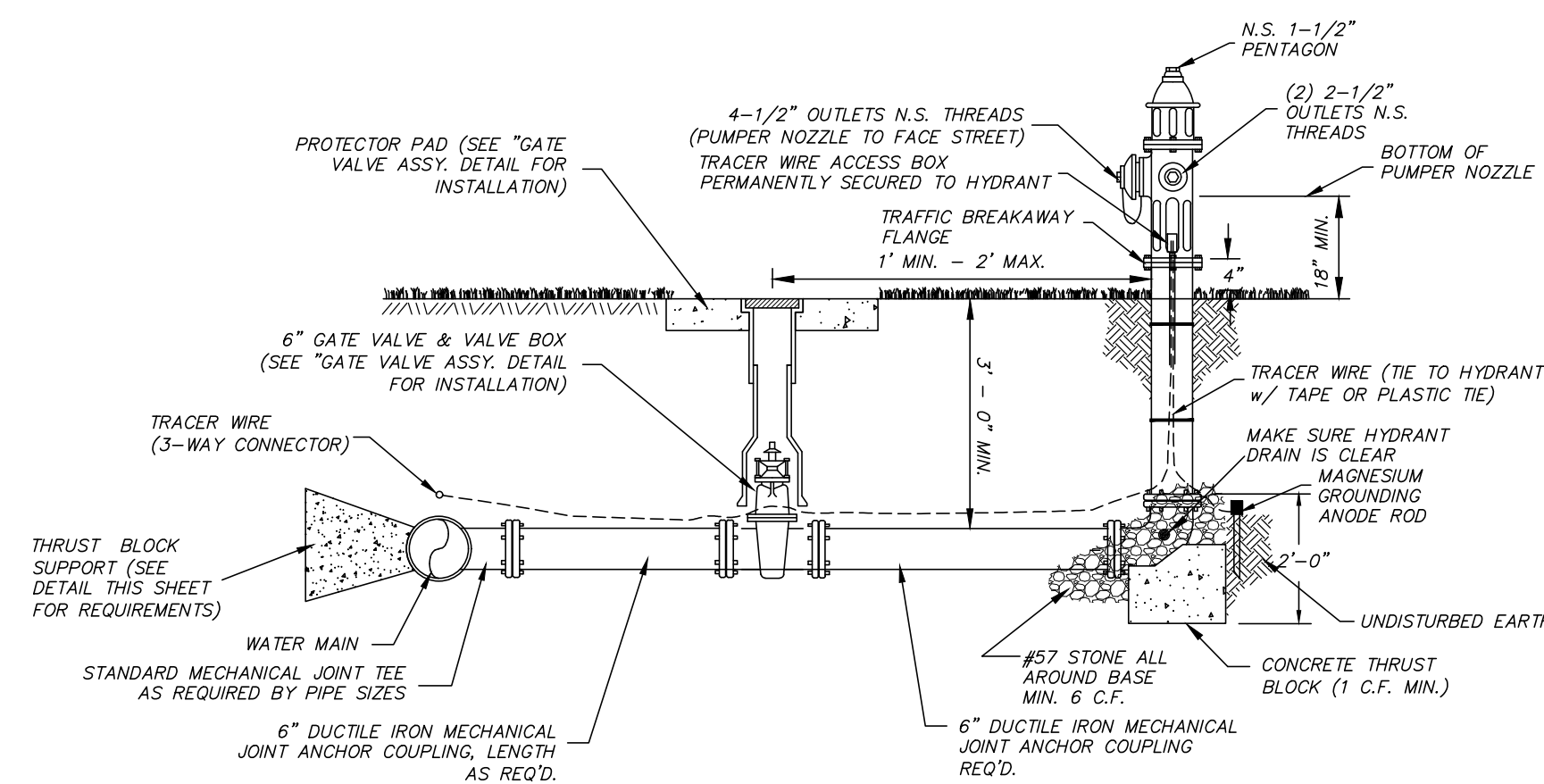


DATE:	4/5/24	DRAWN:	JH
CHECKED:	GAB	SCALE:	1" = 20'
REF C/L:		EG SURFACE:	
		FG SURFACE:	

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

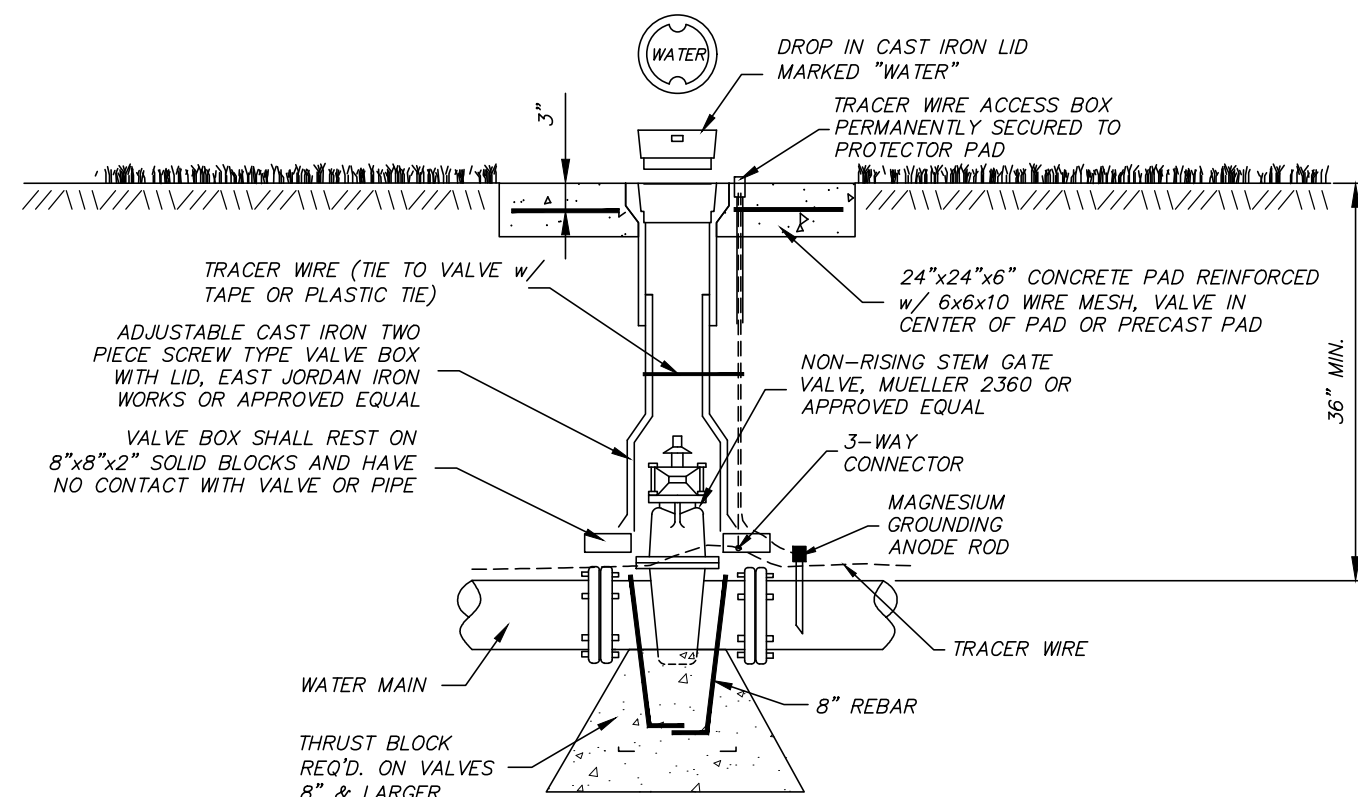
PROJECT:
 CANDLEWOOD SUITES
 SHEET CONTENTS:
 EROSION CONTROL LAYOUT

SHEET NUMBER
 8 of 16
 PROJECT NUMBER
 B-7302



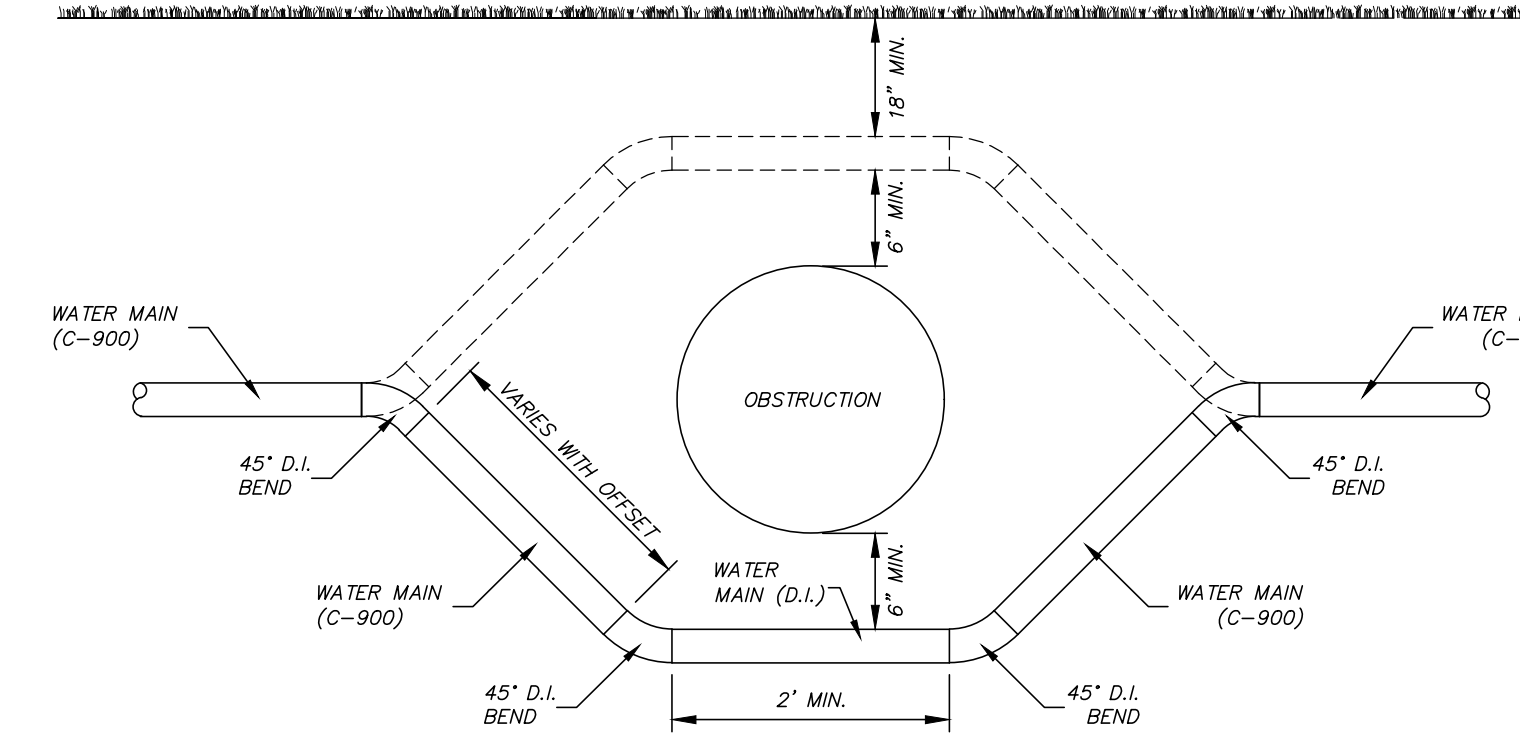
- FIRE HYDRANT ASSEMBLY NOTES:**
1. FIRE HYDRANTS SHALL BE PAINTED WHITE.
 2. ALL FIRE HYDRANT ASSEMBLIES TO INCLUDE GATE VALVES.
 3. CONTRACTOR TO USE MEGA-LUGS ON ALL RESTRAINED JOINTS.
 4. FIRE HYDRANT TO MATCH EXISTING (IF ANY) OR BE MUELLER A-423, OR APPROVED EQUAL (MUST BE APPROVED BY BEAR CREEK WATER ASSOCIATION).
 5. SEE GATE VALVE ASSEMBLY DETAIL FOR MORE INFORMATION ON INSTALLATION.
 6. ALL TRACER WIRE CONNECTORS SHALL BE AS REQUIRED BY THE CITY AND SHALL BE WATERTIGHT TO PROVIDE ELECTRICAL CONDUCTIVITY.
 7. ALL ITEMS SHOWN ON THIS DETAIL (INCLUDING VALVE) ARE ABSORBED IN FIRE HYDRANT ASSEMBLY ITEM.

FIRE HYDRANT ASSEMBLY



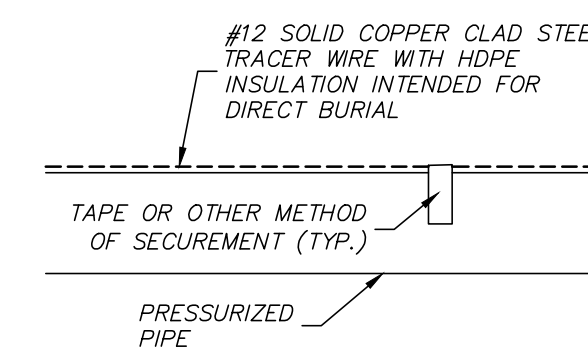
- GATE VALVE ASSEMBLY NOTES:**
1. GATE VALVE SHALL MATCH SIZE OF LINE ON WHICH IT IS INSTALLED UNLESS OTHERWISE NOTED.
 2. VALVE BOX SHALL BE SET PLUMB AND CENTERED ABOVE THE VALVE NUT.
 3. THRUST BLOCKS REQUIRED ON ALL GATE VALVES AND SHALL BE PLACED ON TAMPED SOIL MEETING SPECIFICATIONS FOR BEDDING MATERIAL OR ON CRUSHED LIMESTONE.
 4. ALL TRACER WIRE CONNECTORS SHALL BE AS REQUIRED BY THE CITY AND SHALL BE WATERTIGHT TO PROVIDE ELECTRICAL CONDUCTIVITY.
 5. ALL BOLTS SHALL BE POLY WRAPPED TO REMAIN FREE OF CONCRETE AND SHALL BE FULLY ACCESSIBLE.
 6. CONCRETE PROTECTOR PADS REQUIRED ON ALL VALVES INCLUDING HYDRANT VALVES (ABSORBED).

GATE VALVE ASSEMBLY



- WATER LINE OBSTRUCTION NOTES:**
1. CONTRACTOR TO FOLLOW CLEARANCE REQUIREMENTS IN THE SPECIFICATIONS FOR WATER, STORM DRAIN AND SANITARY SEWER LINE CROSSINGS. WHEN THE WATER LINE MUST CROSS UNDER THE OBSTRUCTION THE PIPE SHALL BE DUCTILE IRON, CASED WITH STEEL CASING, OR FULLY ENCASED WITH CONCRETE.
 2. WATER LINE TO PASS OVER OBSTRUCTION IF CLEARANCE REQUIREMENTS CAN BE MET.
 3. CONTRACTOR TO FOLLOW REQUIREMENTS IN THE SPECIFICATIONS FOR THE PIPE FITTINGS REQUIRED TO DODGE OBSTRUCTION.
 4. SAME SPECIFICATIONS APPLY FOR SANITARY SEWER FORCE MAIN OBSTRUCTIONS.
 5. WORK & MATERIALS REQUIRED FOR WATER LINE OBSTRUCTION SHALL BE AN ABSORBED COST.

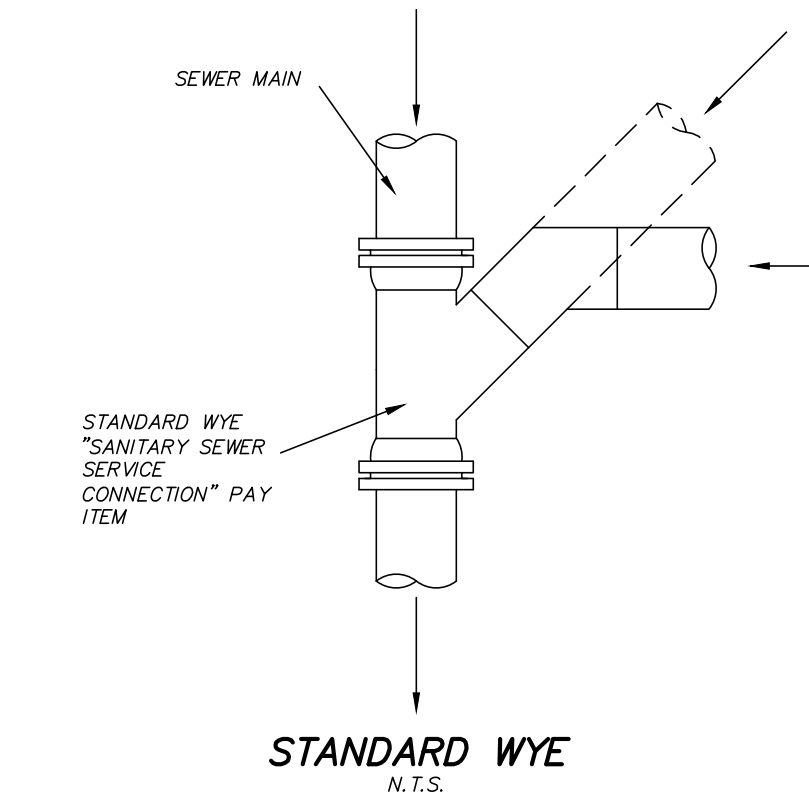
TYPICAL WATER LINE OBSTRUCTION DETAIL



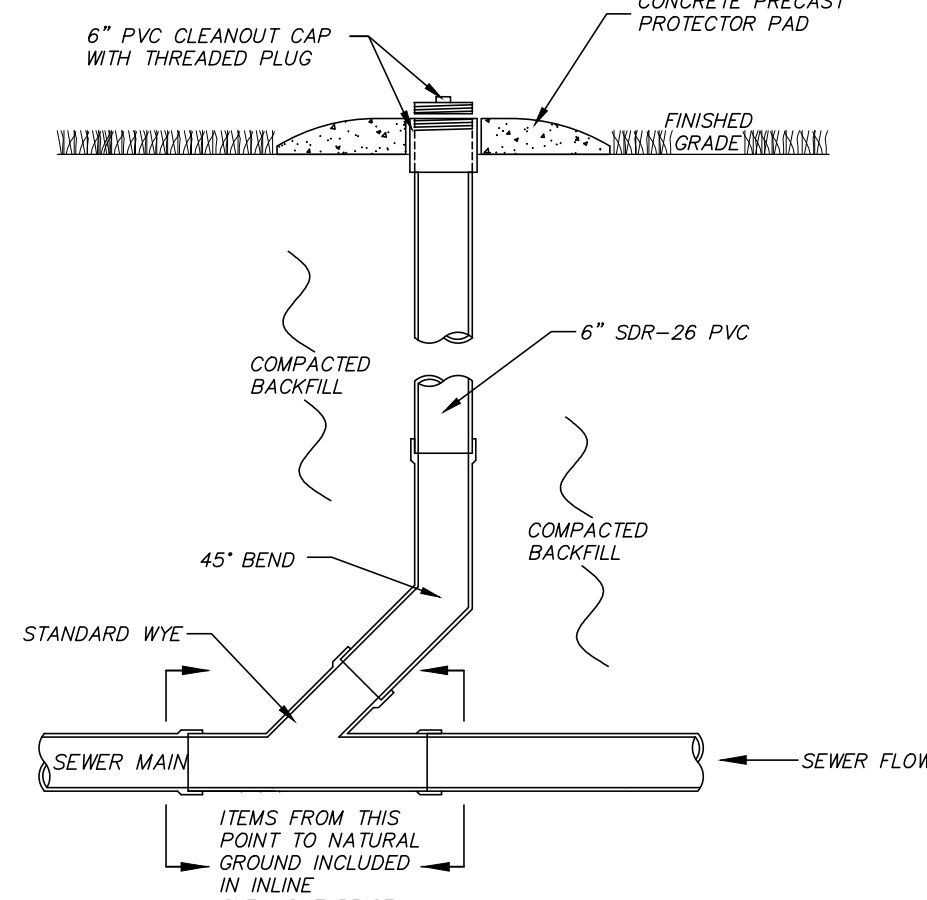
TRACER WIRE NOTES:

1. TRACER WIRE SHALL BE ABSORBED IN THE PER FOOT COST OF THE PRESSURIZED LINE.
2. TRACER WIRE COLOR SHALL BE BLUE FOR WATER CONSTRUCTION.
3. TRACER WIRE SHALL BE SECURED TO THE TOP OF THE PIPE WITH TAPE OR OTHER METHODS.
4. METHODS OF SECURING WIRE SHALL BE INSTALLED AT INTERVALS AS NECESSARY TO MAINTAIN WIRE LOCATION DURING BACKFILL AND COMPACTION.
5. ALL TRACER WIRE SHALL BE INSTALLED AS A COMPLETE SYSTEM, COMPLETE WITH CONNECTORS, MAGNESIUM ANODE GROUND RODS, AND TERMINAL STATIONS AT EACH FIRE HYDRANT, WATER VALVE, AND TERMINATION LOCATIONS.
6. TRACER WIRE SHALL BE COPPERHEAD 1230-HS OR APPROVED EQUAL BY CITY.
7. CONNECTORS MAY BE PRO-TRACE TW OR COPPERHEAD. ALL OTHER ACCESSORIES SHALL BE COPPERHEAD OR APPROVED EQUAL BY THE CITY.
8. ALL CONNECTIONS SHALL BE WATERTIGHT TO PROVIDE ELECTRICAL CONDUCTIVITY.
9. TRACER WIRE WILL BE TESTED BY CITY AND ALL AREAS NOT ABLE TO BE LOCATED USING TYPICAL LOW FREQUENCY LINE TRACING EQUIPMENT SHALL BE REPAIRED BY CONTRACTOR PRIOR TO ACCEPTANCE.
10. ALL TRACER WIRE CONNECTORS SHALL BE PRO-TRACE TW AND SHALL BE WATERTIGHT TO PROVIDE ELECTRICAL CONDUCTIVITY.

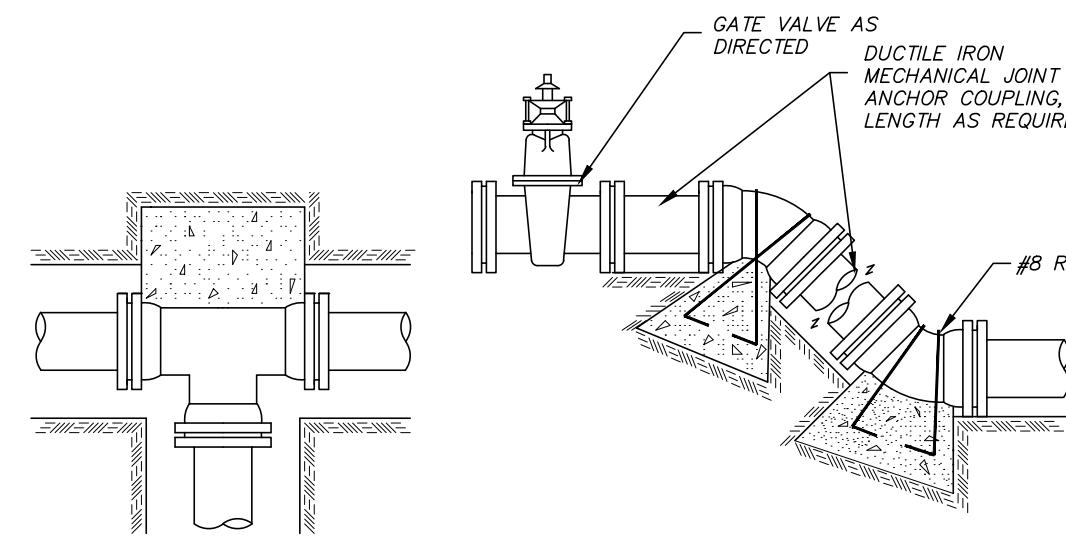
TRACER WIRE



STANDARD WYE

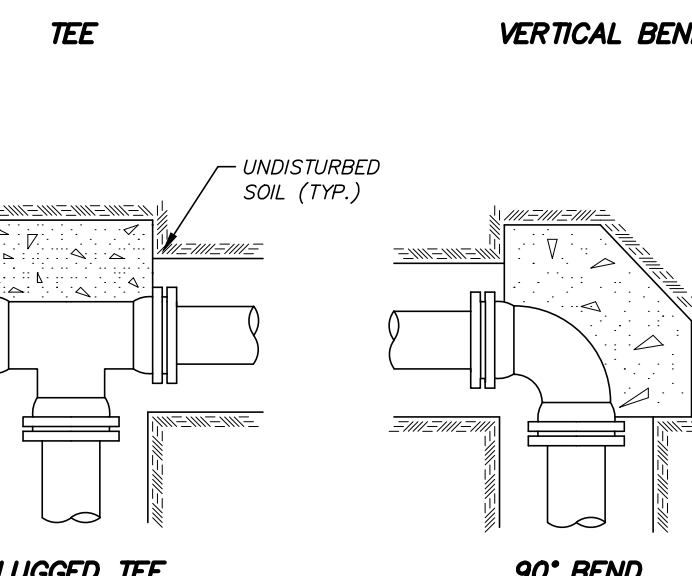


INLINE CLEANOUT - GRASSED AREA



WATER LINE OBSTRUCTION NOTES:

1. CONTRACTOR TO FOLLOW CLEARANCE REQUIREMENTS IN THE SPECIFICATIONS FOR WATER, STORM DRAIN AND SANITARY SEWER LINE CROSSINGS. WHEN THE WATER LINE MUST CROSS UNDER THE OBSTRUCTION THE PIPE SHALL BE DUCTILE IRON, CASED WITH STEEL CASING, OR FULLY ENCASED WITH CONCRETE.
2. WATER LINE TO PASS OVER OBSTRUCTION IF CLEARANCE REQUIREMENTS CAN BE MET.
3. CONTRACTOR TO FOLLOW REQUIREMENTS IN THE SPECIFICATIONS FOR THE PIPE FITTINGS REQUIRED TO DODGE OBSTRUCTION.



TYPICAL CROSS SECTION

BEARING AREA IN SQ. FT.

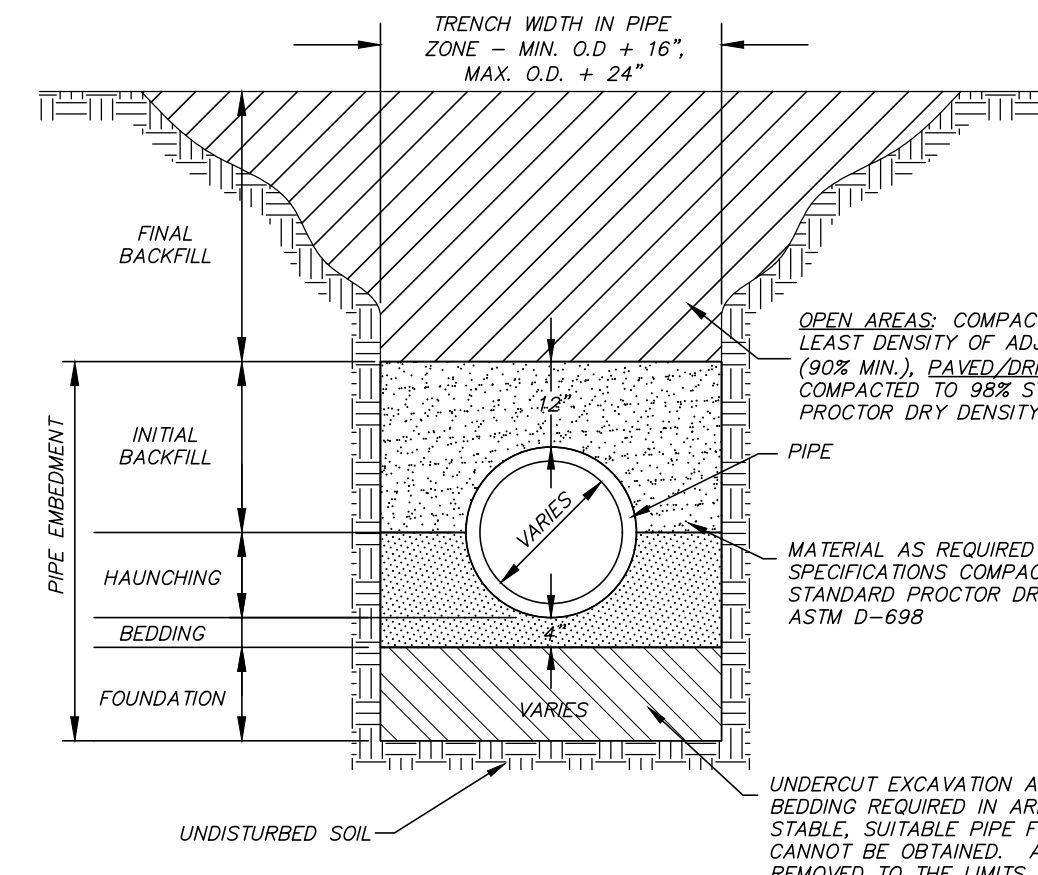
NORMAL PIPE DIAMETER (IN.)	DEAD END, TEE, PLUG	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4" OR LESS	2	2	2	1	1
6	3	4	3	2	2
8	5	7	4	2	2
10	8	12	6	3	3
12	12	16	9	5	3
14	14	18	11	6	4
16	16	20	12	7	6

VERTICAL BENDS

4" OR LESS	6	8	10	12	14	16
-	-	8.0(22)	4.0(15)	4.0(15)	-	-
-	-	14.0(52)	6.0(22)	4.0(15)	-	-
-	-	27.0(1.0)	9.0(33)	6.0(22)	-	-
-	-	46.0(2.0)	16.0(67)	7.5(30)	-	-
-	-	68.0(2.5)	22.0(86)	9.0(33)	-	-
-	-	90.0(3.0)	40.0(1.5)	14.0(52)	-	-
-	-	90.0(3.3)	52.0(1.9)	18.0(67)	-	-

VOLUME OF BLOCKS INCLUDING SOIL LOAD CU. FT. (CU. YDS.)

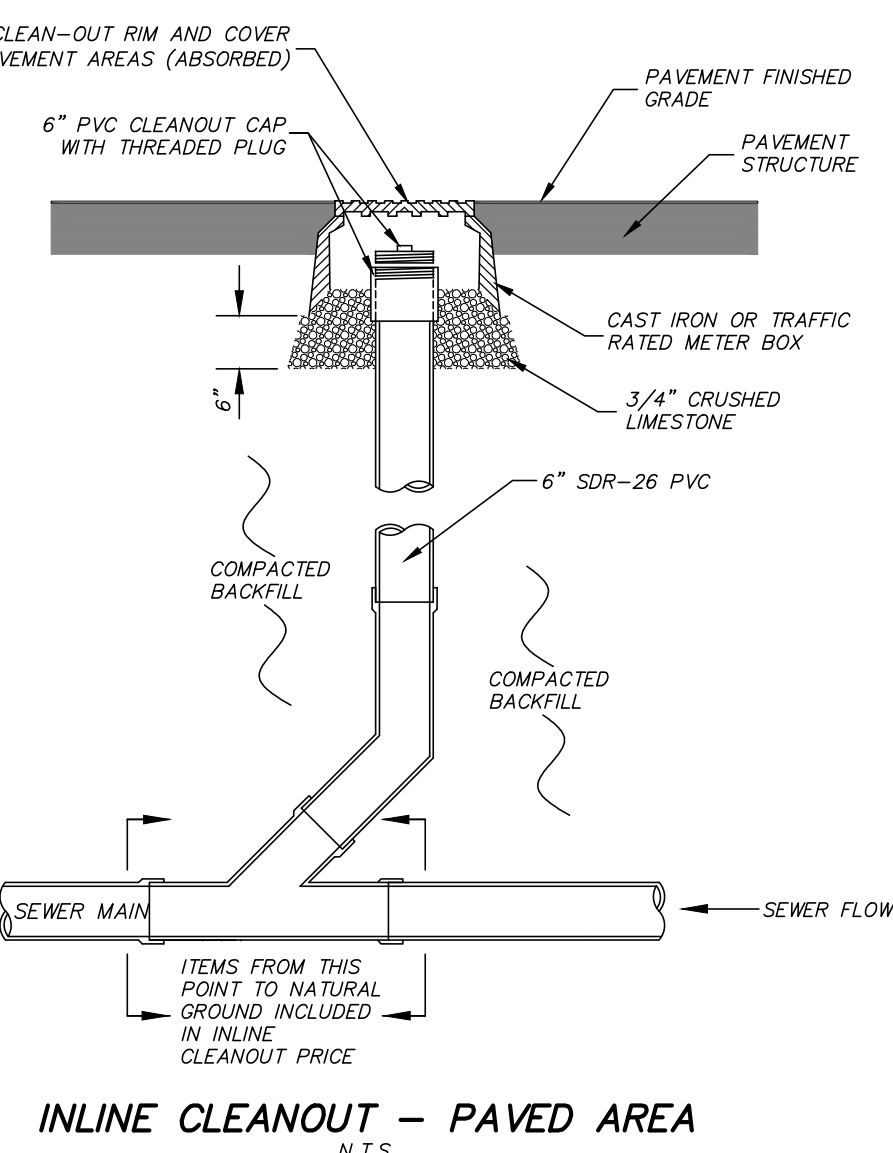
TYPICAL THRUST BLOCK



TYPICAL TRENCH NOTES:

1. UNDERCUT EXCAVATION SHALL BE REQUIRED AS DIRECTED BY ENGINEER IF MATERIAL AT PLANNED GRADE WILL NOT PROVIDE STABLE TRENCH BOTTOM FOR PIPE LAYING. COST FOR REMOVAL AND DISPOSAL SHALL BE AN ABSORBED COST.
2. FOUNDATION MATERIAL SHALL BE PLACED AS DIRECTED BY ENGINEER AND SHALL BE AN ABSORBED COST.
3. IF CONTRACTOR PROPOSES TO USE NATIVE MATERIAL FOR PIPE EMBEDMENT AND/OR FINAL BACKFILL, CONTRACTOR SHALL PROVIDE TEST RESULTS PER SPECIFICATIONS TO ENGINEER STATING WHETHER NATIVE MATERIAL MEETS PROJECT SPECIFICATIONS FOR USE AS SUCH. IF IT DOES NOT MEET SPECIFICATION, THEN CONTRACTOR SHALL PROVIDE MATERIAL FOR SAID PURPOSES AND SPOIL EXCESS MATERIAL AT NO ADDITIONAL COST TO THE OWNER.
4. NATIVE MATERIAL IN OPEN AREAS UNLESS OTHERWISE DIRECTED BY THE ENGINEER, OR SELECT MATERIAL IN TRENCHES CONSTRUCTED UNDER OR WITHIN 5' OF ROADWAYS, CURBED OR PAVED AREAS. MATERIAL SHALL EXTEND 3' BEYOND THE EDGE OF PAWING STRUCTURES.
5. ABSORBED COST IN EITHER CASE MENTIONED.
6. TRENCH SETTLEMENT REPAIR IS THE CONTRACTOR'S RESPONSIBILITY DURING WARRANTY PERIOD.
7. DENATURING OF ANY TRENCH FOR ANY REASON IS THE RESPONSIBILITY OF THE CONTRACTOR AT NO EXTRA COST TO THE OWNER.

TYPICAL TRENCH DETAIL FOR WATER AND/OR SANITARY SEWER LINES



INLINE CLEANOUT - PAVED AREA

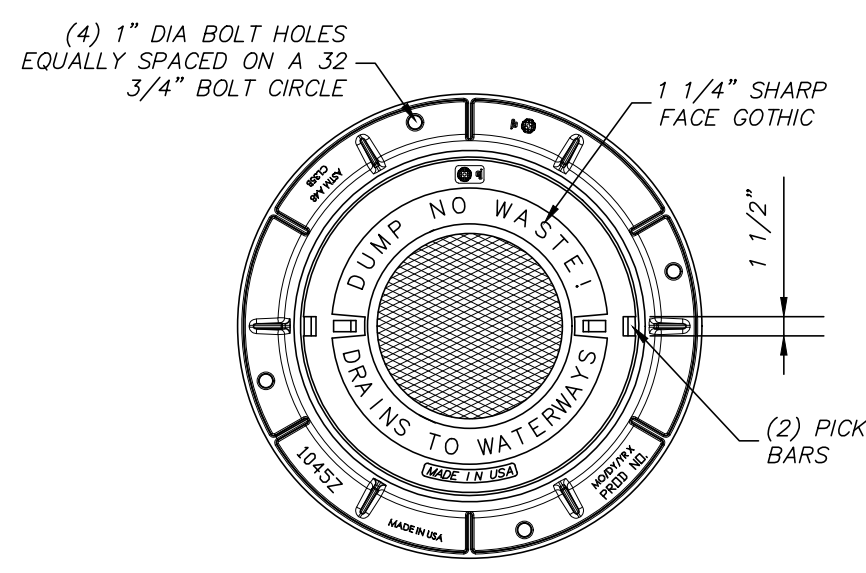
REVISIONS:

DATE	BY	DESCRIPTION
4/5/24	GAB	SCALE: -

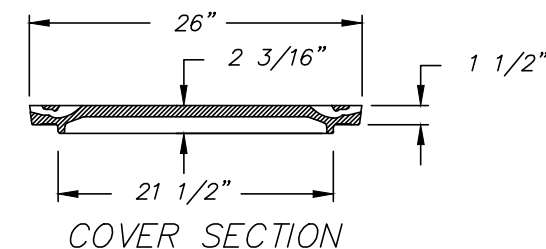
CHECKED: GAB
DATE: 4/5/24
DRAWN: JH
PROJECT LOCATION: DEES PLAZA, MADISON COUNTY, MISSISSIPPI
CLIENT: BDP GROUP, LLC
602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT: CANDLEWOOD SUITES
SHEET CONTENTS: WATER & SANITARY SEWER SYSTEM DETAILS

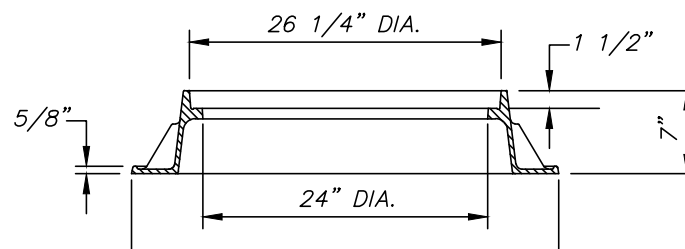
SHEET NUMBER: 9 of 16
PROJECT NUMBER: B-7302



FRAME & COVER PLAN VIEW



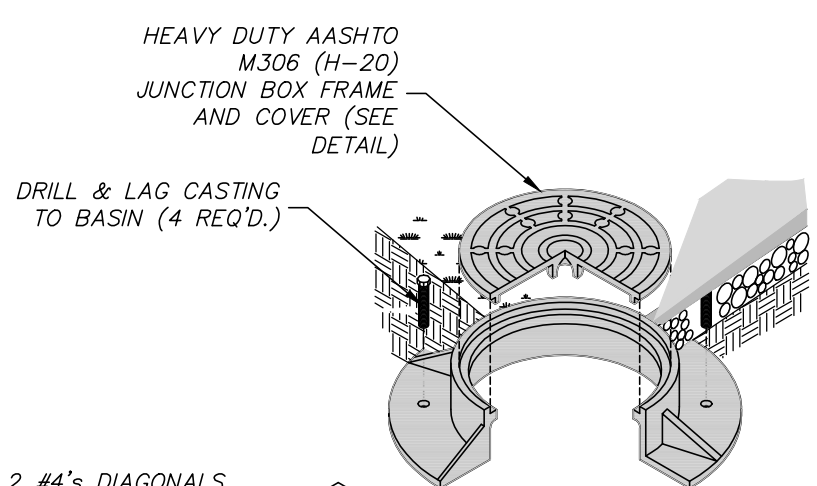
COVER SECTION



FRAME SECTION

NOTE: FRAME & COVER SHOWN IS EAST JORDAN IRON WORKS 1045Z FRAME & 1040A COVER ASSEMBLY. ALTERNATE FRAME AND COVER WILL BE CONSIDERED BUT MUST HAVE A 24" MINIMUM OPENING, MANUFACTURED AND TESTED IN ACCORDANCE WITH AASHTO M306 FOR TRAFFIC SERVICE, HAVE PICKBARS OF HOLES FOR COVER REMOVAL, & MEET OTHER SPECIFICATIONS OF THE FRAME AND COVER SHOWN.

JUNCTION BOX FRAME AND COVER

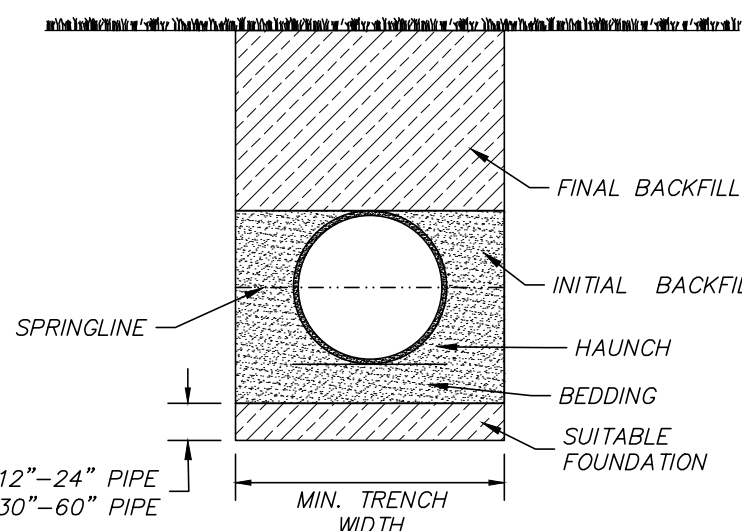


NOTE: WALL THICKNESS, "W", FOR PRECAST BOXES SHALL BE 5" MIN., FOR POURED IN PLACED SHALL BE 6" MIN.

JUNCTION BOX NOTES:

- 1. BOXES MAY BE PRECAST IF ELEVATIONS ALLOW, POURED IN PLACE (4000 PSI 28 DAY COMPRESSIVE STRENGTH) OR NYLOPLAST. PRECAST MANHOLES WITH CONE TOPS MAY BE USED FOR JUNCTION BOX IF THE PIPE SIZES ALLOW.
- 2. WIDTHS AND DEPTHS OF CATCH BASINS DETERMINED BY PIPE SIZES AND ANGLES AND CASTINGS TO BE USED. A MINIMUM OF 6" FROM THE OUTSIDE EDGE OF THE PIPE TO THE INSIDE EDGE OF THE WALL IS REQUIRED.
- 3. CONTRACTOR TO ENSURE THAT WATER IS NOT ALLOWED TO POND BEHIND THE INLET BOXES DURING CONSTRUCTION.
- 4. ON PRECAST CONCRETE BOXES THE LIFT HOLES ON EACH SECTION TO BE SEALED WATERTIGHT WITH NONSHRINK GROUT INSIDE AND OUT.
- 5. GROUT FOR JOINING PIPE TO PRECAST UNITS WILL BE A COMMERCIAL, NON-SHRINK, MASONRY GROUT MEETING MDOT SPECIFICATIONS. ALL VOIDS SHALL BE FILLED WITH PIECES OF BLOCKS OR BRICKS PRIOR TO GROUTING. GROUTING REQUIRED INSIDE AND OUT. FILTER CLOTH SHALL SURROUND EACH OUTSIDE PIPE CONNECTION TO BOX A MINIMUM OF 18" ON WALL OF BOX AND ALONG PIPE. PIPE CONNECTIONS TO INLETS SHALL NOT BE BACKFILLED WITHOUT CITY'S DESIGNER PRIOR INSPECTION AND APPROVAL.
- 6. BOXES SHALL HAVE FORMED INVERTS OUT OF NON-SHRINK GROUT SLOPING TO DRAIN TO OUTLET CULVERT.
- 7. STEPS REQ'D. IN STRUCTURES GREATER THAN 48" IN DEPTH. FIRST STEP TO BE 18" FROM THE BOTTOM WITH 12" SPACING BETWEEN REMAINING STEPS.
- 8. PRECAST BOXES SHALL BE POURED IN SECTIONS AS NEEDED AND RECOMMENDED BY THE MANUFACTURER TO GET TO DESIRED ELEVATION.
- 9. BOX WIDTH WILL VARY DEPENDENT ON THE SIZE OF THE PIPES ENTERING AND LEAVING THE BOX. IT IS UP TO THE CONTRACTOR/MANUFACTURER TO DETERMINE SIZE OF BOX.
- 10. JUNCTION BOXES SHALL BE MANUFACTURED OR POURED SO THAT THE ROUND MH LID IS THE ONLY PART OF THE STRUCTURE THAT IS VISIBLE ONCE FINAL GRADING HAS BEEN DONE. CONTRACTOR SHALL INSTALL RISERS AS NEEDED TO ENSURE THAT A MINIMUM OF 6" OF SOIL CAN BE PLACED ON TOP OF THE BOX TO COVER IT IN GRASSED AREAS AND 4" OF SOIL PLUS PAVING STRUCTURE IN PAVED AREAS.
- 11. ALL ITEMS SHOWN ON THIS DETAIL INCLUDING FRAME AND COVER AND OTHER INCIDENTALS TO PROVIDE OWNER WITH COMPLETE INSTALLATION AND CONNECTION OF PIPING SHALL BE INCLUDED IN THE PER EACH PAY ITEM "JUNCTION BOX".

JUNCTION BOX



HP STORM TRENCH INSTALLATION

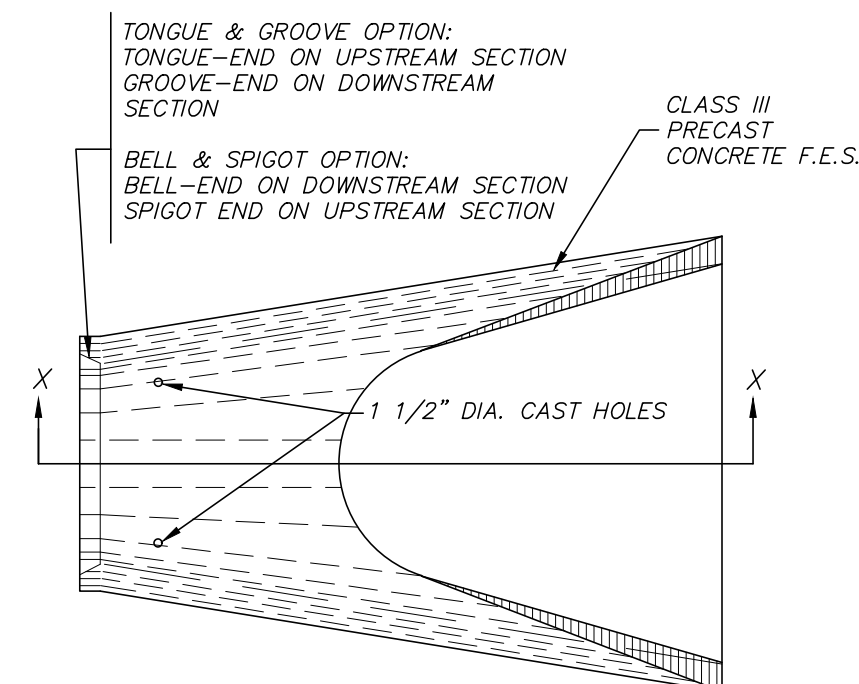
RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
60"	96"

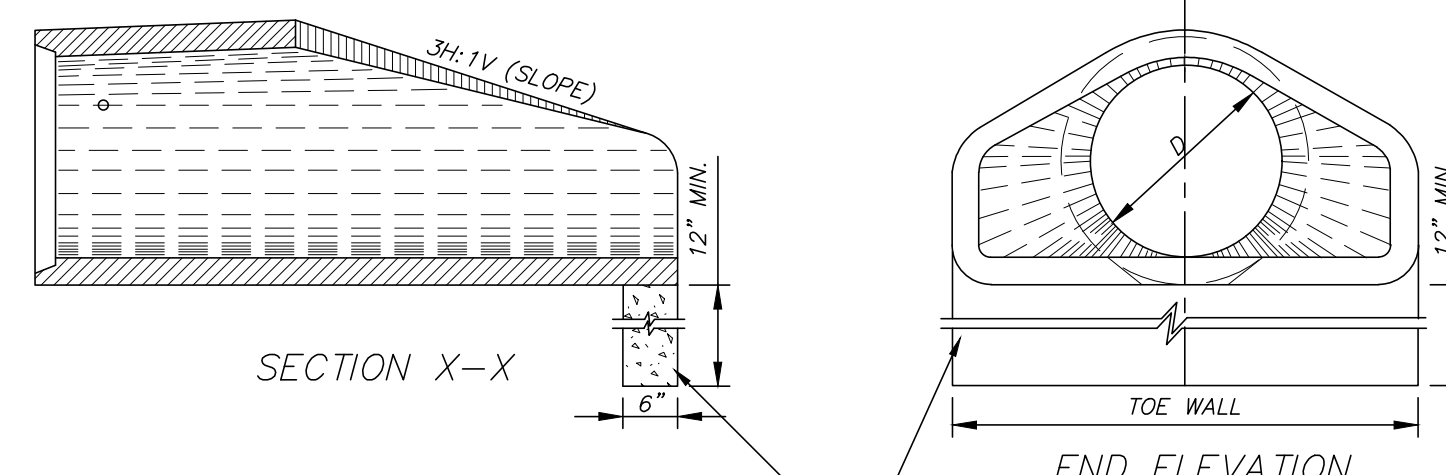
HP STORM TRENCH INSTALLATION NOTES:

- 1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2921, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS". LATEST EDITION, WITH THE EXCEPTION THAT THE INITIAL BACKFILL MAY EXTEND TO THE CROWN OF THE PIPE. SOIL CLASSIFICATIONS ARE PER THE LATEST VERSION OF ASTM D2321, CLASS I/IV MATERIALS (MH, CH) AS DEFINED IN PREVIOUS VERSIONS OF ASTM D2321 ARE NOT APPROPRIATE BACKFILL MATERIALS.
- 2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- 3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- 4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. COMPACTION SHALL BE A MINIMUM OF 95% UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 12"-24" DIAMETER PIPE, 6" FOR 30"-60" DIAMETER PIPE. THE MIDDLE 1/3 BENEATH THE PIPE INVERT SHALL BE LOOSELY PLACED.
- 5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING TO THE CROWN OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION. COMPACTION SHALL BE A MINIMUM OF 95% TO THE SPRINGLINE OF THE PIPE AND 90% TO THE CROWN OF THE PIPE.
- 6. FINAL BACKFILL: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREA) IS 12" FROM THE TOP OF THE PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, CLASS I OR II MATERIAL COMPACTED TO 85% SPD AND CLASS III COMPACTED TO 95% SPD IS REQUIRED. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.
- 7. MAXIMUM FILL HEIGHTS SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATION.

HP STORM TRENCH INSTALLATION



PLAN OF DOWNSTREAM END



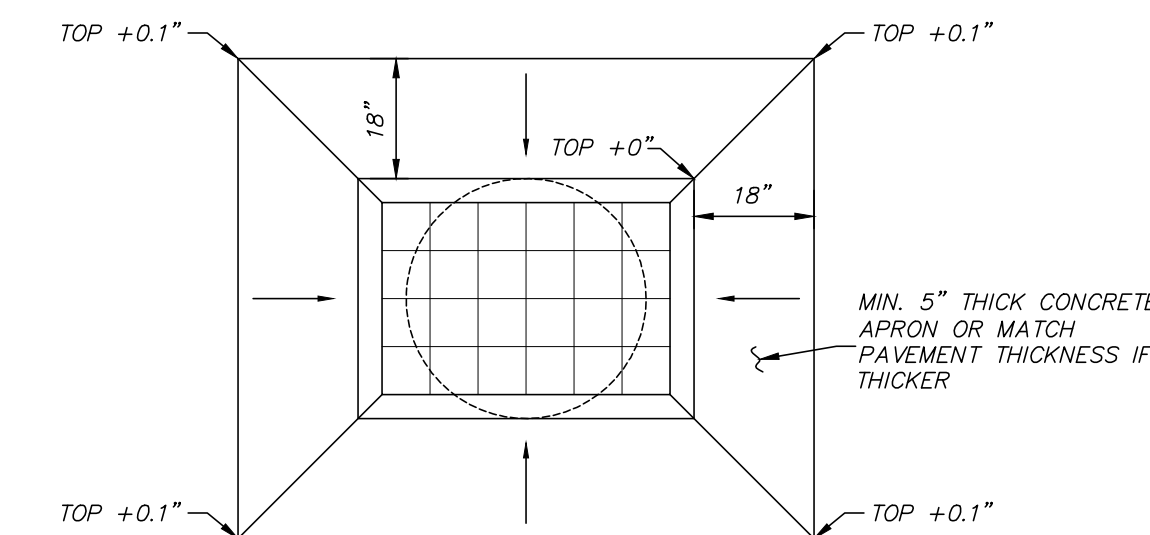
SECTION X-X

END ELEVATION

CONCRETE FLARED END SECTION NOTES:

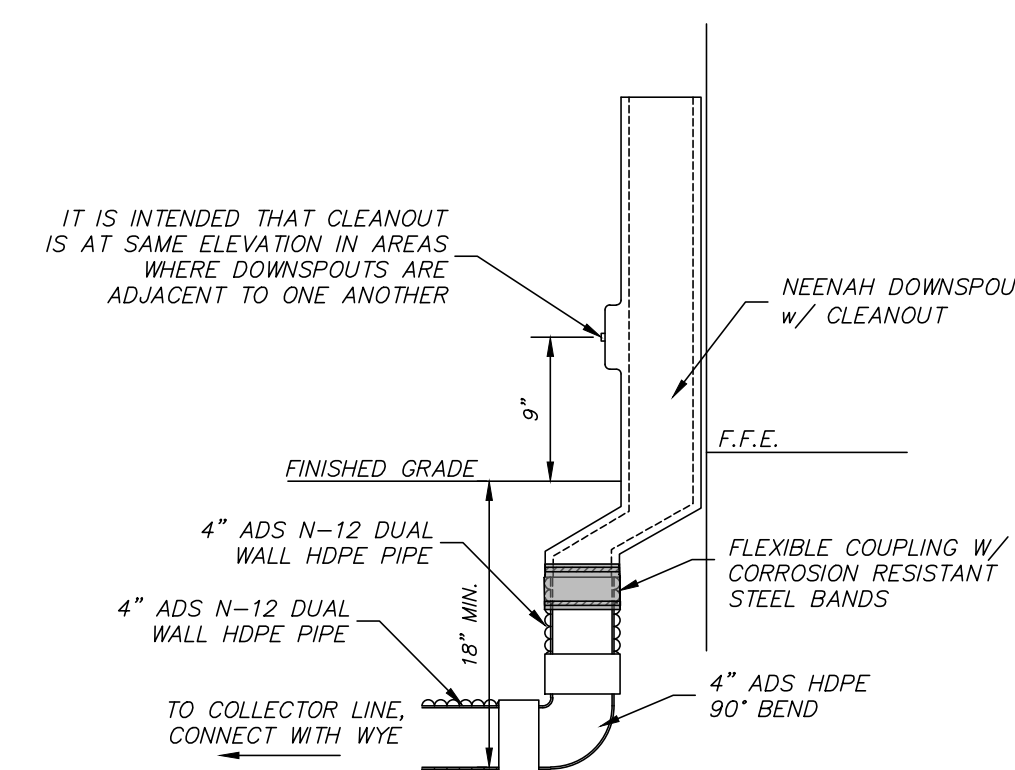
- 1. ALL FLARED END SECTIONS SHALL BE PRECAST STRUCTURES MADE IN ACCORDANCE WITH THE REQUIREMENTS OF MDOT STANDARD DETAIL WORKING NUMBER FE-1, SHEET 6530 FOR CLASS III CONCRETE ROUND PIPE AND WORKING NUMBER FE-1A, SHEET 6531 FOR CLASS III CONCRETE ARCH PIPE.
- 2. ALL LIFT HOLES SHALL BE SEALED WITH NON-SHRINK GROUT PER MDOT SPECIFICATIONS FOR SEALING CONCRETE PIPE.
- 3. TOE WALL REQUIRED ON ALL FLARED END SECTIONS AND SHALL RUN FULL WIDTH OF FLARED END SECTION.
- 4. CONCRETE FLARED END SECTIONS PLACED AT CONNECTION TO HP PIPE SHALL BE DOUBLE WRAPPED FULLY W/ FILTER CLOTH AND SECURED WITH A CONCRETE COLLAR CENTERED ON THE JOINT PER THE CONCRETE COLLAR DETAIL OR CONNECTED W/ DISSIMILAR MARMAC COUPLER (SHOWN ON THIS SHEET). COST FOR SUCH SHALL BE ABSORBED IN THE FLARED END SECTIONS PAY ITEM.

CONCRETE FLARED END SECTION



TYPICAL CONCRETE APRON

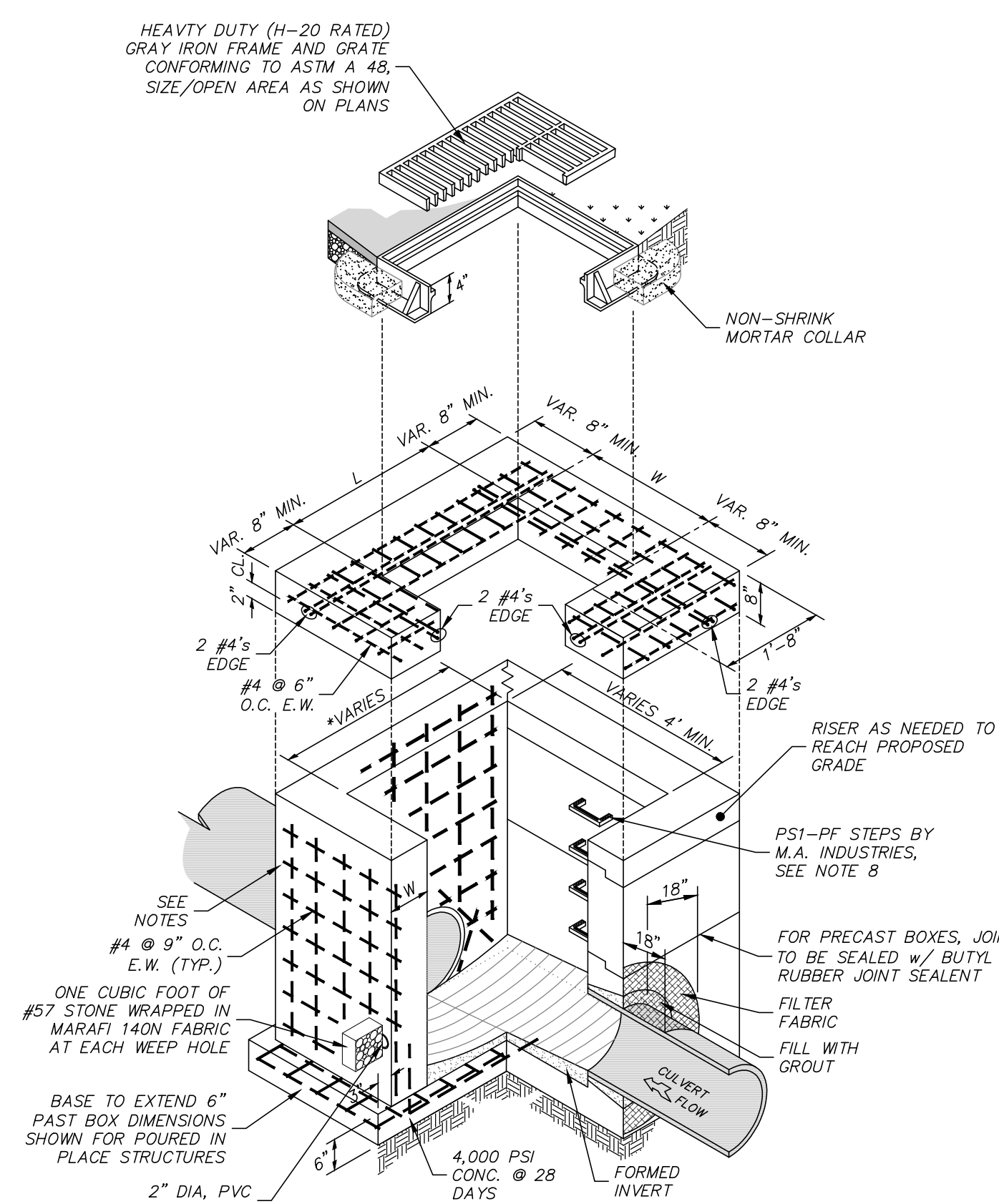
NOTE: CONCRETE APRON SHALL BE NON-REINFORCED PORTLAND CEMENT CONCRETE AND SHALL HAVE A MINIMUM 28-DAY FLEXURAL STRENGTH OF 650 PSI AND A COMPRESSIVE STRENGTH OF 4,000 PSI.



NOTES:

- 1. CONTRACTOR SHALL ADJUST FLOWLINE ELEVATION AS NEEDED TO AVOID CONFLICTS WITH OTHER UTILITIES OR PAVING.
- 2. ALL CONNECTIONS SHALL BE MADE WATER TIGHT.

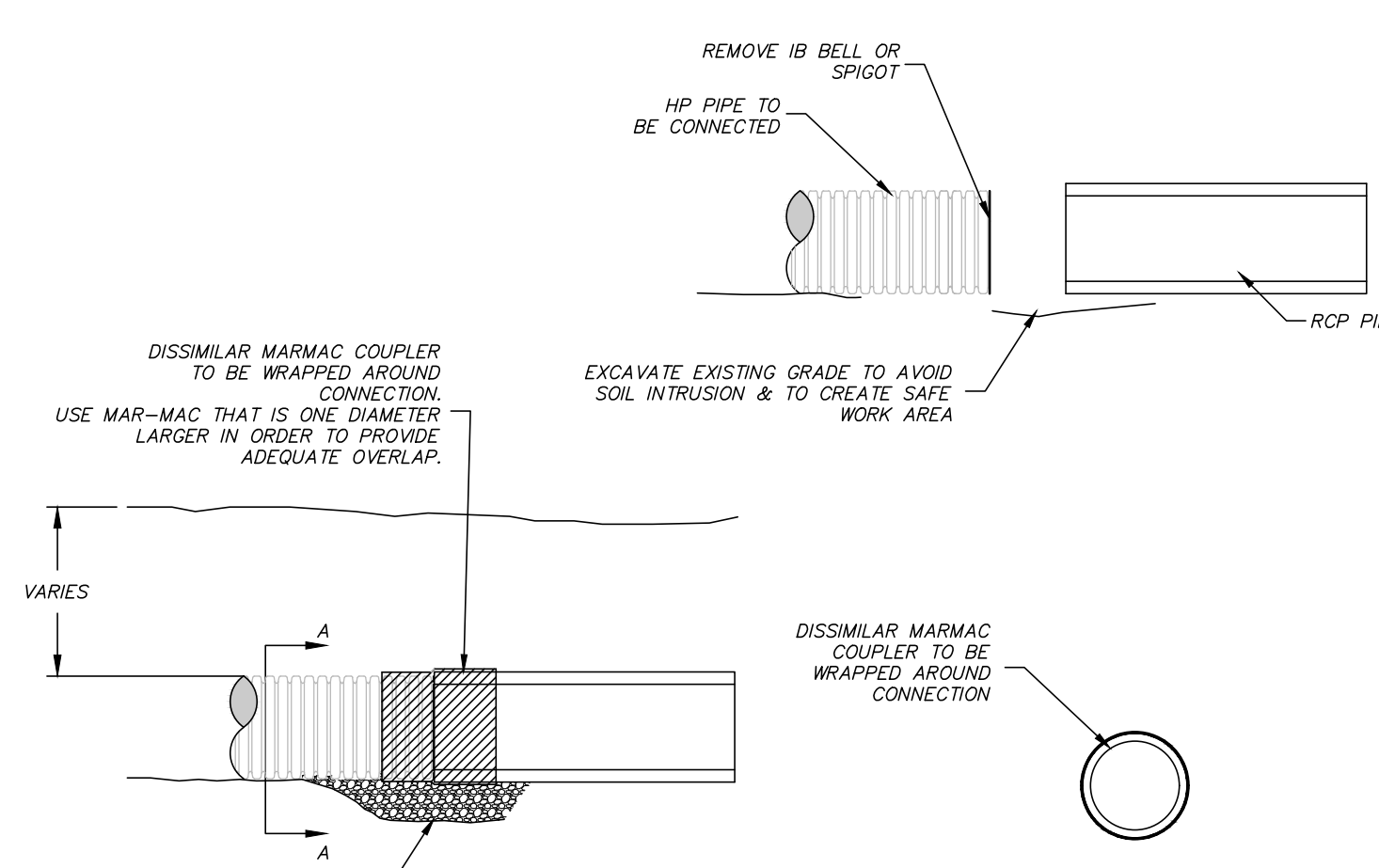
TYPICAL DOWNSPOUT CONNECTION DETAIL



GRATE INLET

GUTTER INLET NOTES:

- 1. "L" AND "W" DIMENSIONS WILL VARY DEPENDING ON THE TYPE OF CASTING SPECIFIED ON THE DRAWINGS. IT IS INTENDED THAT THE FRAME BE CENTERED ON THE BOX UNLESS NOTED OTHERWISE.
- 2. BOXES MAY BE PRECAST IF ELEVATIONS ALLOW OR POURED IN PLACE (4000 PSI 28 DAY COMPRESSIVE STRENGTH). PRECAST MANHOLES WITH CONE TOPS MAY BE USED FOR GRATE INLETS IF THE REQUIRED GRATE AND PIPE SIZES ALLOW.
- 3. WIDTHS AND DEPTHS OF CATCH BASINS DETERMINED BY PIPE SIZES AND ANGLES AND CASTINGS TO BE USED. A MINIMUM OF 12" FROM THE OUTSIDE EDGE OF THE PIPE TO THE INSIDE EDGE OF THE WALL IS REQUIRED.
- 4. CONTRACTOR TO ENSURE THAT WATER IS NOT ALLOWED TO POND BEHIND THE INLET BOXES DURING CONSTRUCTION.
- 5. ON PRECAST CONCRETE BOXES THE LIFT HOLES ON EACH SECTION TO BE SEALED WATERTIGHT WITH NON-SHRINK GROUT INSIDE AND OUT.
- 6. GROUT FOR JOINING PIPE TO PRECAST UNITS WILL BE A COMMERCIAL, NON-SHRINK, MASONRY GROUT MEETING MDOT SPECIFICATIONS. ALL VOIDS SHALL BE FILLED WITH PIECES OF BLOCKS OR BRICKS PRIOR TO GROUTING. GROUTING REQUIRED INSIDE AND OUT. FILTER CLOTH SHALL SURROUND EACH OUTSIDE PIPE CONNECTION TO BOX A MINIMUM OF 18" ON WALL OF BOX AND ALONG PIPE. PIPE CONNECTIONS TO INLETS SHALL NOT BE BACKFILLED WITHOUT CITY'S DESIGNER PRIOR INSPECTION AND APPROVAL.
- 7. BOXES SHALL HAVE FORMED INVERTS OUT OF NON-SHRINK GROUT SLOPING TO DRAIN TO OUTLET CULVERT.
- 8. STEPS REQ'D. IN STRUCTURES GREATER THAN 48" IN DEPTH. FIRST STEP TO BE 18" FROM THE BOTTOM WITH 12" SPACING BETWEEN REMAINING STEPS.
- 9. PRECAST BOXES SHALL BE POURED IN SECTIONS AS NEEDED AND RECOMMENDED BY THE MANUFACTURER TO GET TO DESIRED ELEVATION.
- 10. BOX WIDTH WILL VARY DEPENDENT ON THE SIZE OF THE PIPES ENTERING AND LEAVING THE BOX. IT IS UP TO THE CONTRACTOR/MANUFACTURER TO DETERMINE SIZE OF BOX.
- 11. GRATE INLETS SHALL BE MANUFACTURED OR POURED SO THAT THE FRAME AND GRATE IS THE ONLY PART OF THE BOX THAT IS VISIBLE ONCE FINAL GRADING HAS BEEN DONE. CONTRACTOR SHALL INSTALL RISERS AS NEEDED TO ENSURE THAT A MINIMUM OF 6" OF SOIL CAN BE PLACED ON TOP OF THE BOX TO COVER IT IN GRASSED AREAS AND 4" OF SOIL PLUS PAVING STRUCTURE IN PAVED AREAS.
- 12. ALL ITEMS SHOWN ON THIS DETAIL INCLUDING FRAME AND COVER AND OTHER INCIDENTALS TO PROVIDE OWNER WITH COMPLETE INSTALLATION AND CONNECTION OF PIPING SHALL BE INCLUDED IN THE PER EACH PAY ITEM "GRATE INLET".



CONNECTING HP STORM PIPE TO R.C.P.

NOTES:

- 1. CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321, LATEST EDITION.
- 2. AN INTERNAL CYLINDER MAY BE WELDED TO THE PIPE TO BE INSERTED INTO THE ID OF THE EXISTING PIPE AND MINIMIZE JOINT MOVEMENT. HOWEVER, AN INTERNAL CYLINDER IS NOT RECOMMENDED FOR DOWNSTREAM CONNECTIONS SUCH AS CONNECTIONS TO F.E.S.
- 3. CONNECTION CAN BE MADE BY POURING A CONCRETE COLLAR PER CONCRETE COLLAR DETAILS (PER MDOT STANDARD IF NOT INCLUDED IN CONTRACT DRAWINGS).
- 4. PAYMENT FOR CONNECTION SHALL BE ABSORBED IN PIPE OR FLARED END SECTION (F.E.S.) PAY ITEM AND SHALL INCLUDE ALL ITEMS SHOWN ON THIS DETAIL AND ANY INCIDENTALS TO MAKE SECURE CONNECTION.

REVISIONS:

DATE	BY	DESCRIPTION
4/5/24	GAB	SCALE: -
		EG SURFACE:
		FG SURFACE:

PROJECT LOCATION:
DEES PLAZA
MADISON COUNTY, MISSISSIPPI
CLIENT:
BDP GROUP, LLC
602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES
SHEET CONTENTS:
STORM DRAIN DETAILS

SHEET NUMBER

10 of 16

PROJECT NUMBER

B-7302

BRANDON FACIANE
504-259-6556
BRANDON.FACIANE@ADSPIPE.COM



SC-310 STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH SC-310.
2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE OR POLYETHYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2922 (POLETHYLENE) OR ASTM F2418 (POLYPROPYLENE), "STANDARD SPECIFICATION FOR CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 400 LBS/FT%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2922 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-310 SYSTEM

1. STORMTECH SC-310 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH SC-310 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONESHOOTER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
6. MAINTAIN MINIMUM - 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
7. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2" (20-50 mm).
8. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
9. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

1. STORMTECH SC-310 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
2. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-310 & SC-740 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER Tired LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/SC-800/DC-780 CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

DATE: 4/5/24	DRAWN: JH	REVISIONS:
CHECKED: GAB	SCALE: 1"=1'	
REF C/L:		
EG SURFACE:		
FG SURFACE:		

PROJECT LOCATION: DEES PLAZA MADISON COUNTY, MISSISSIPPI	CLIENT: BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS
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PROJECT: CANDLEWOOD SUITES	SHEET CONTENTS: UNDERGROUND DETENTION DETAILS
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PROJECT NUMBER B-7302

PROPOSED LAYOUT

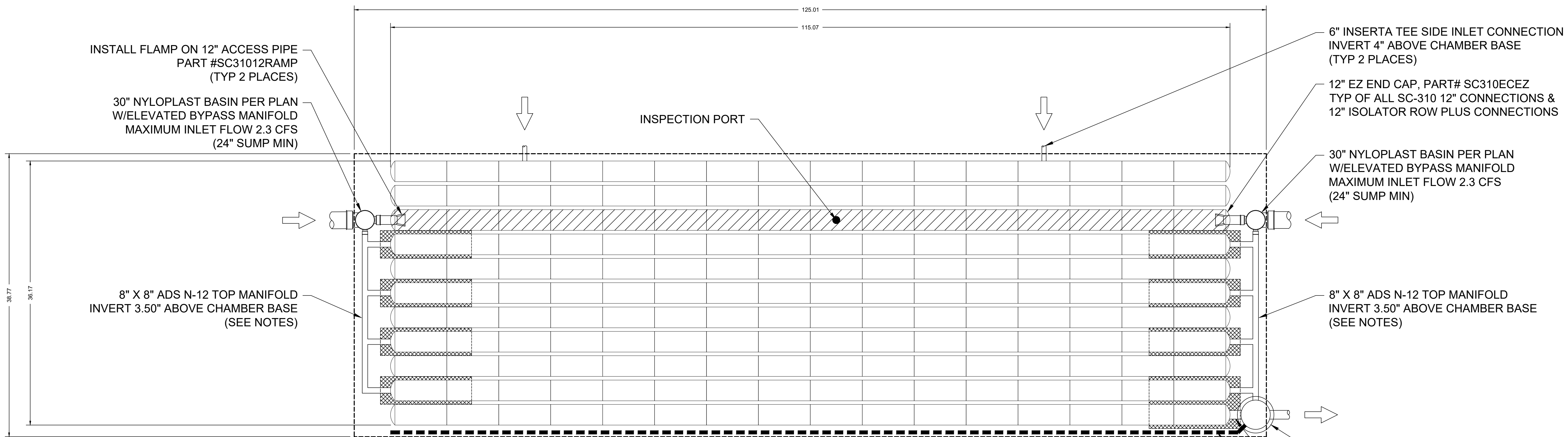
176	STORMTECH SC-310 CHAMBERS
22	STORMTECH SC-310 END CAPS
6	STONE ABOVE (in)
6	STONE BELOW (in)
40	% STONE VOID
6,082	INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED)
4846	SYSTEM AREA (ft ²)
327	SYSTEM PERIMETER (ft)

PROPOSED ELEVATIONS

276.93	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)
270.93	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)
270.43	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)
270.43	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)
270.43	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)
269.43	TOP OF STONE
268.93	TOP OF SC-310 CHAMBER
267.93	INSERTA TEE SIDE INLET CONNECTION INVERT
267.89	8" TOP MANIFOLD INVERT
267.68	12" ISOLATOR ROW PLUS CONNECTION INVERT
267.68	12" BOTTOM CONNECTION INVERT
267.60	BOTTOM OF SC-310 CHAMBER
267.10	UNDERDRAIN INVERT
267.10	BOTTOM OF STONE

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.



- ISOLATOR ROW PLUS (SEE DETAIL)
- PLACE MINIMUM 12.5' OF ADSPLUS625 WOVEN GEOTEXTILE OVER BEDDING STONE AND UNDERNEATH CHAMBER FEET FOR SCOUR PROTECTION AT ALL CHAMBER INLET ROWS
- BED LIMITS

DATE:	4/5/24
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SCALE:	1"=1'
REF C/L:	
EG SURFACE:	
FG SURFACE:	

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

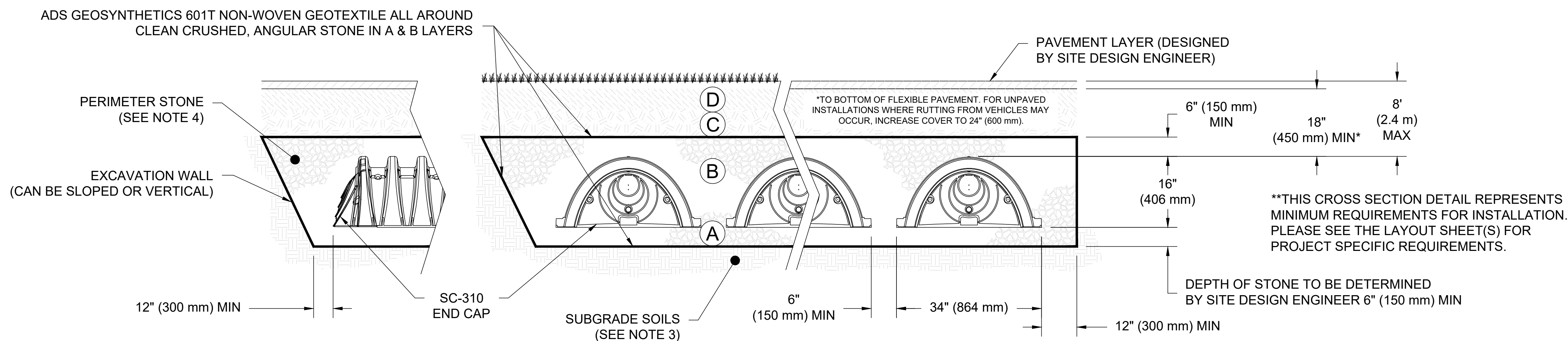
PROJECT:
CANDLEWOOD SUITES
 SHEET CONTENTS:
UNDERGROUND DETENTION DETAILS

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ACCEPTABLE FILL MATERIALS: STORMTECH SC-310 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
 - WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".



NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2922 (POLETHYLENE) OR ASTM F2418 (POLYPROPYLENE), "STANDARD SPECIFICATION FOR CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-310 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2922 SHALL BE GREATER THAN OR EQUAL TO 400 LBS/FT/%. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

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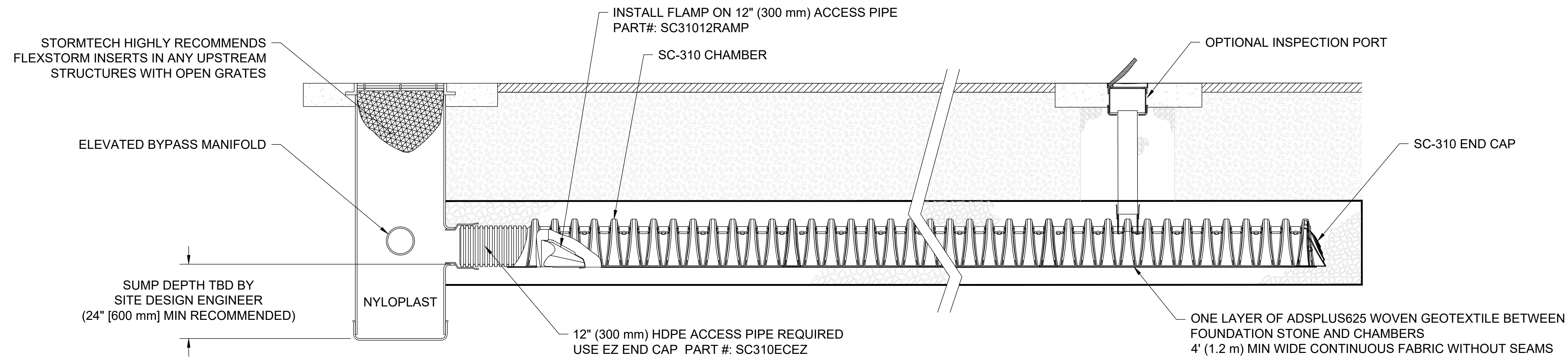
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SCALE: 1"=1'
REF C/L:
EG SURFACE:
FG SURFACE:

PROJECT LOCATION:
DEES PLAZA
MADISON COUNTY, MISSISSIPPI
CLIENT:
BDP GROUP, LLC
602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
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B-B302



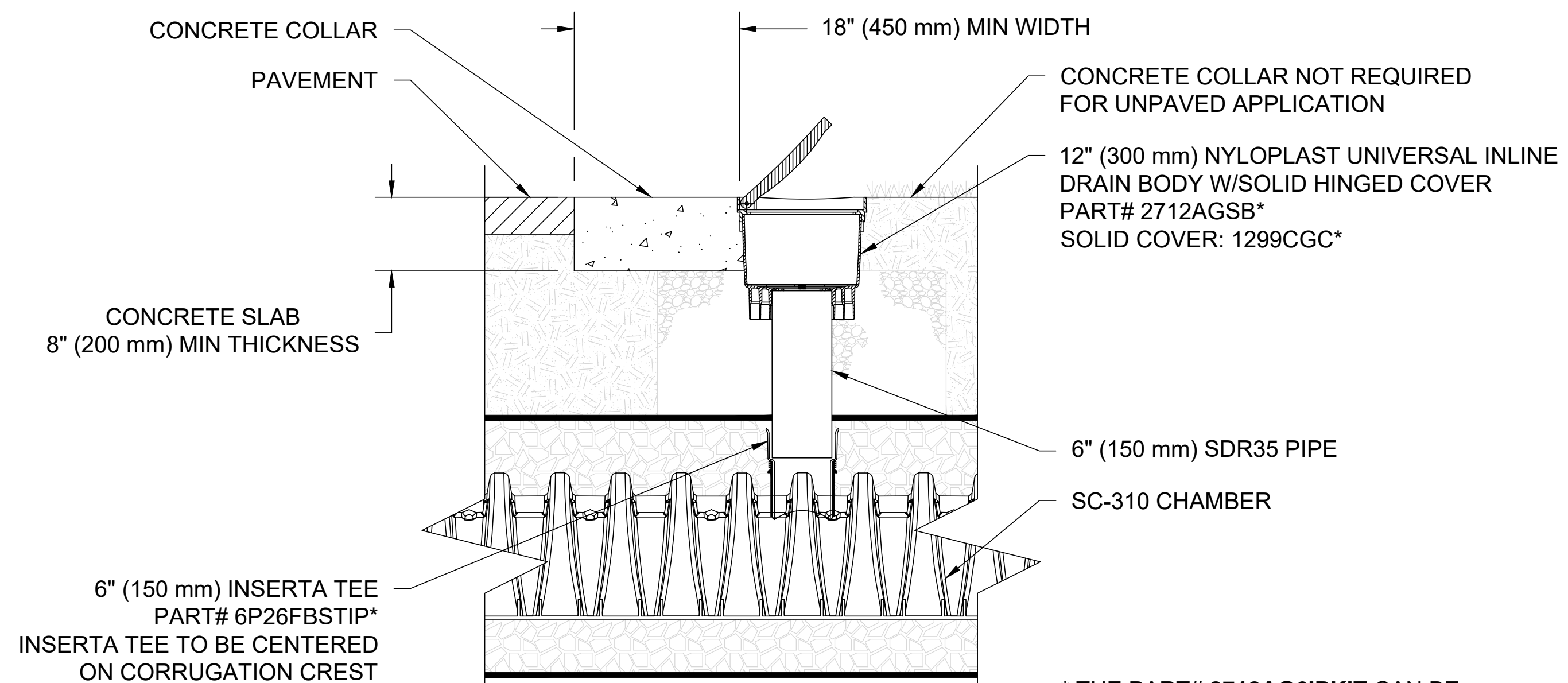
SC-310 ISOLATOR ROW PLUS DETAIL
 NTS

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
 - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - B. ALL ISOLATOR PLUS ROWS
 - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



SC-310 6" (150 mm) INSPECTION PORT DETAIL
 NTS

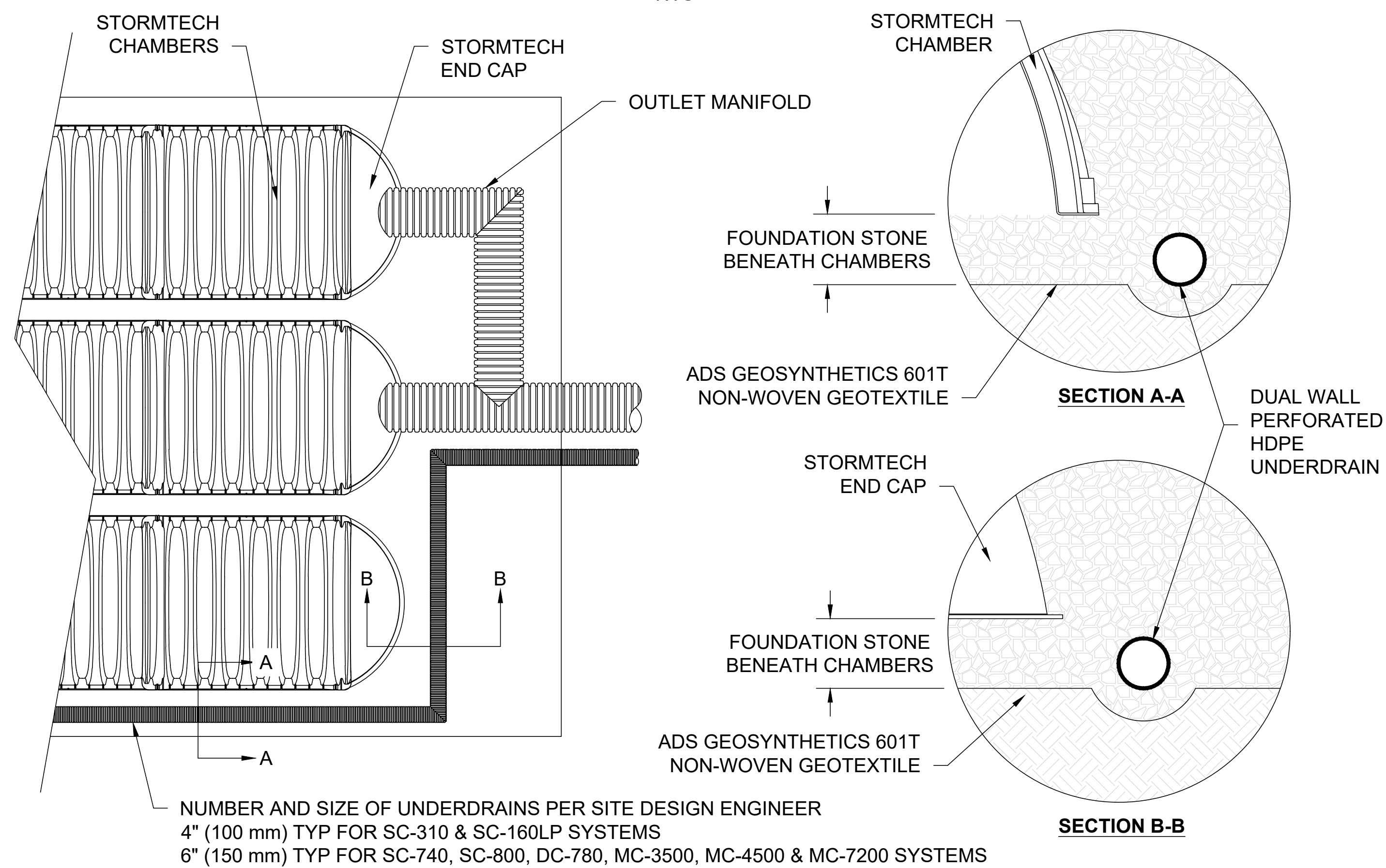
DATE: 4/5/24	DRAWN: JH	REVISIONS:
CHECKED: GAB	SCALE: 1"=1'	
REF C/L:	EG SURFACE:	
	FG SURFACE:	

PROJECT LOCATION: DEES PLAZA MADISON COUNTY, MISSISSIPPI	CLIENT: BDP GROUP, LLC 602 SPRINGRIDGE ROAD, CLINTON, MS
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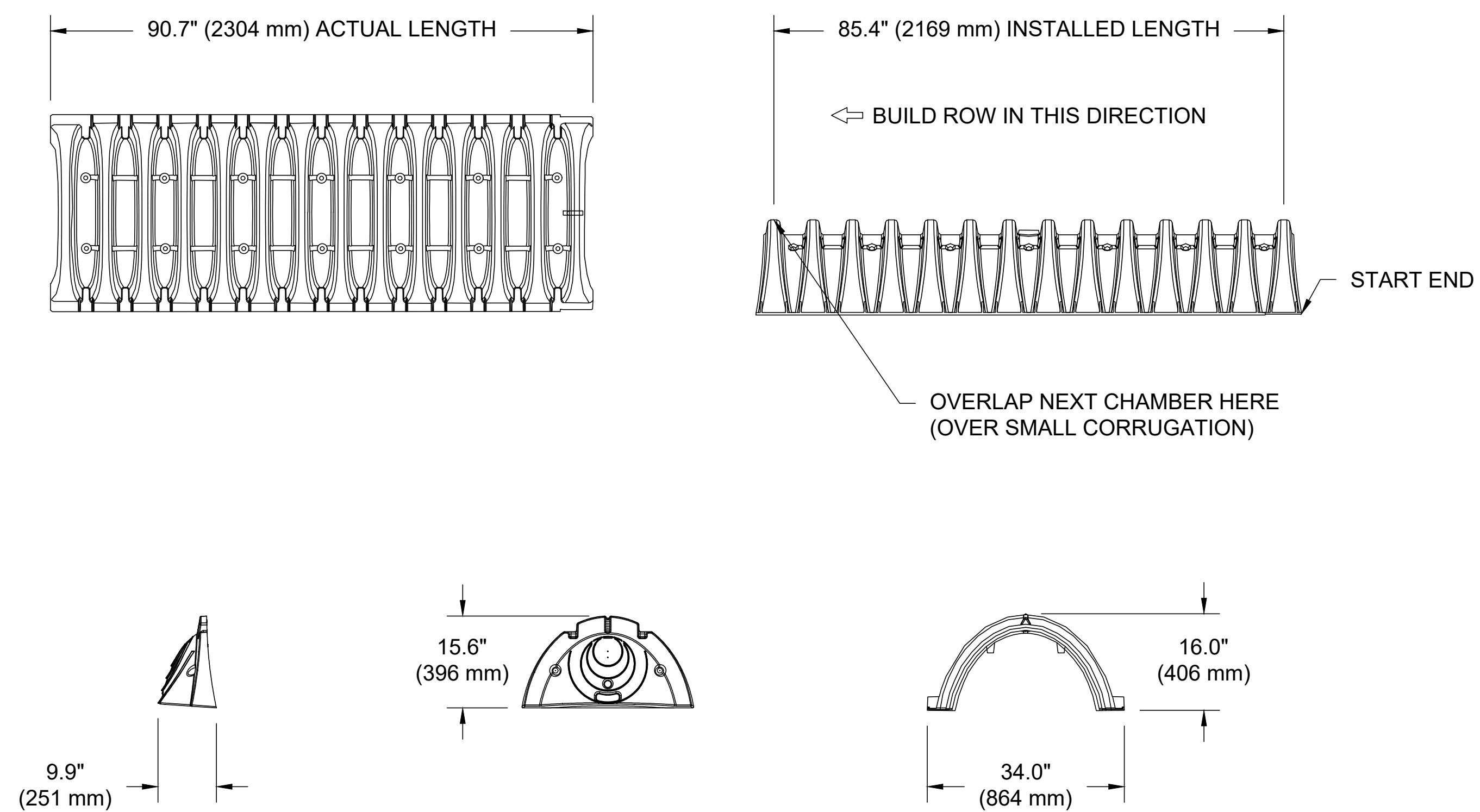
PROJECT: CANDLEWOOD SUITES	SHEET CONTENTS: UNDERGROUND DETENTION DETAILS
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SHEET NUMBER 14 of 16	PROJECT NUMBER B-7302
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UNDERDRAIN DETAIL
 NTS



SC-310 TECHNICAL SPECIFICATION
 NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	34.0" X 16.0" X 85.4"	(864 mm X 406 mm X 2169 mm)
CHAMBER STORAGE	14.7 CUBIC FEET	(0.42 m ³)
MINIMUM INSTALLED STORAGE*	31.0 CUBIC FEET	(0.88 m ³)
WEIGHT	35.0 lbs.	(16.8 kg)

*ASSUMES 6" (152 mm) ABOVE, BELOW, AND BETWEEN CHAMBERS

PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
 PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
 PRE CORED END CAPS END WITH "PC"

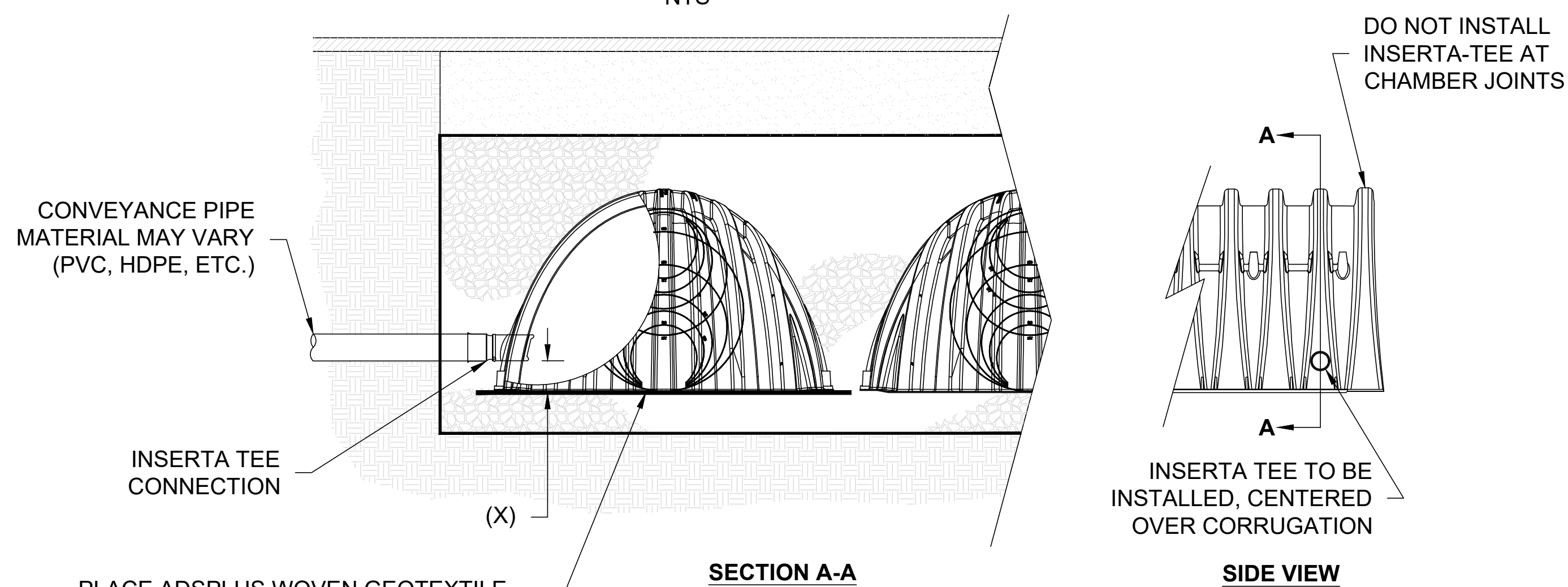
PART #	STUB	A	B	C
SC310EPE06T / SC310EPE06TPC	6" (150 mm)	9.6" (244 mm)	5.8" (147 mm)	---
SC310EPE06B / SC310EPE06BPC			---	0.5" (13 mm)
SC310EPE08T / SC310EPE08TPC	8" (200 mm)	11.9" (302 mm)	3.5" (89 mm)	---
SC310EPE08B / SC310EPE08BPC			---	0.6" (15 mm)
SC310EPE10T / SC310EPE10TPC	10" (250 mm)	12.7" (323 mm)	1.4" (36 mm)	---
SC310EPE10B / SC310EPE10BPC			---	0.7" (18 mm)
SC310ECEZ*	12" (300 mm)	13.5" (343 mm)	---	0.9" (23 mm)

ALL STUBS, EXCEPT FOR THE SC310ECEZ ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

* FOR THE SC310ECEZ THE 12" (300 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25" (6 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL

INSERTA TEE DETAIL
 NTS



PLACE ADSPLUS WOVEN GEOTEXTILE (CENTERED ON INSERTA-TEE INLET) OVER BEDDING STONE FOR SCOUR PROTECTION AT SIDE INLET CONNECTIONS. GEOTEXTILE MUST EXTEND 6" (150 mm) PAST CHAMBER FOOT

CHAMBER	MAX DIAMETER OF INSERTA TEE	HEIGHT FROM BASE OF CHAMBER (X)
SC-310	6" (150 mm)	4" (100 mm)
SC-740	10" (250 mm)	4" (100 mm)
SC-800	10" (250 mm)	4" (100 mm)
DC-780	10" (250 mm)	4" (100 mm)
MC-3500	12" (300 mm)	6" (150 mm)
MC-4500	12" (300 mm)	8" (200 mm)
MC-7200	12" (300 mm)	8" (200 mm)

INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, SCH 40 IPS GASKETED & SOLVENT WELD, N-12, HP STORM, C-900 OR DUCTILE IRON

NOTES:

- PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.
- CONTACT ADS ENGINEERING SERVICES IF INSERTA TEE INLET MUST BE RAISED AS NOT ALL INVERTS ARE POSSIBLE.

REVISIONS:

DATE: 4/5/24	DRAWN: GH	SCALE: 1"=1'
CHECKED: GAB	DATE: 4/5/24	SCALE: 1"=1'
REF C/L:	EG SURFACE:	FG SURFACE:

PROJECT LOCATION:
 DEES PLAZA
 MADISON COUNTY, MISSISSIPPI
 CLIENT:
 BDP GROUP, LLC
 602 SPRINGRIDGE ROAD, CLINTON, MS

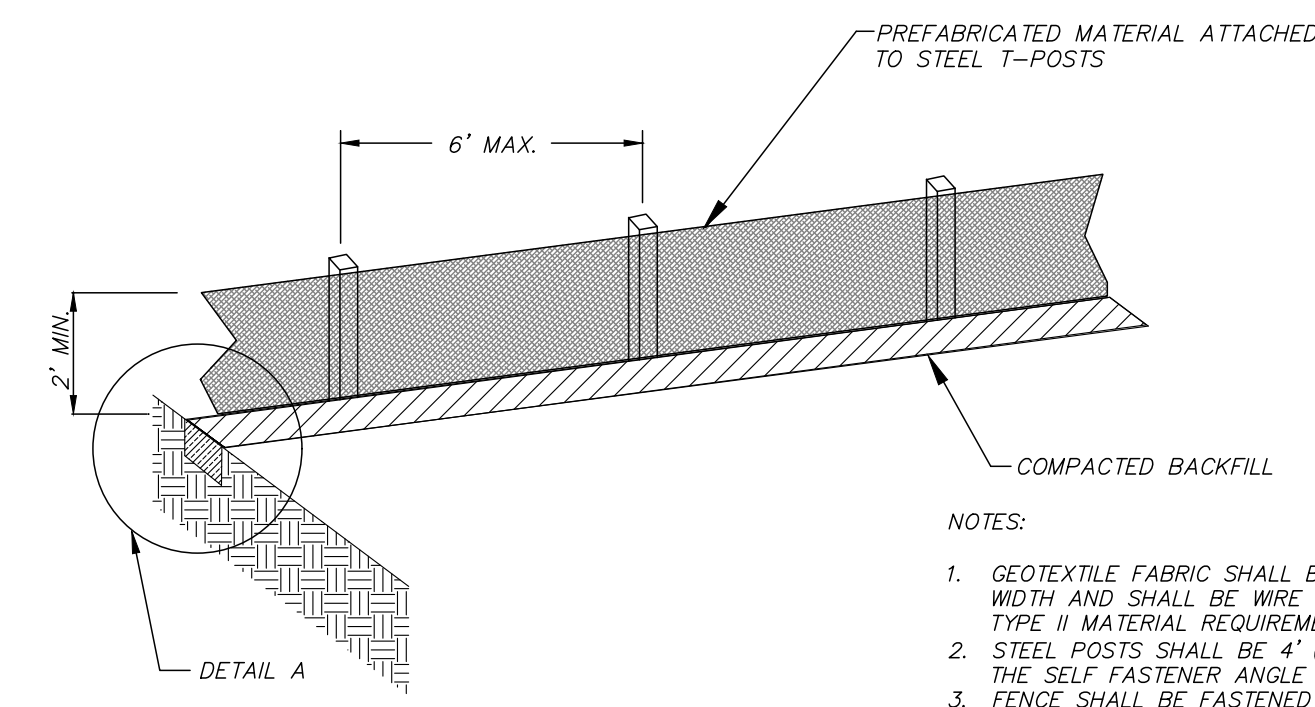
PROJECT:
CANDLEWOOD SUITES
 SHEET CONTENTS:
UNDERGROUND DETENTION DETAILS

SHEET NUMBER

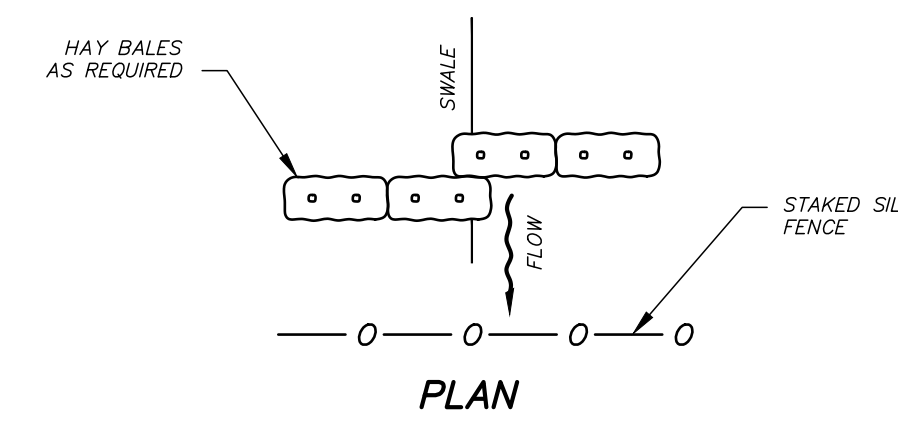
15 of 16

PROJECT NUMBER

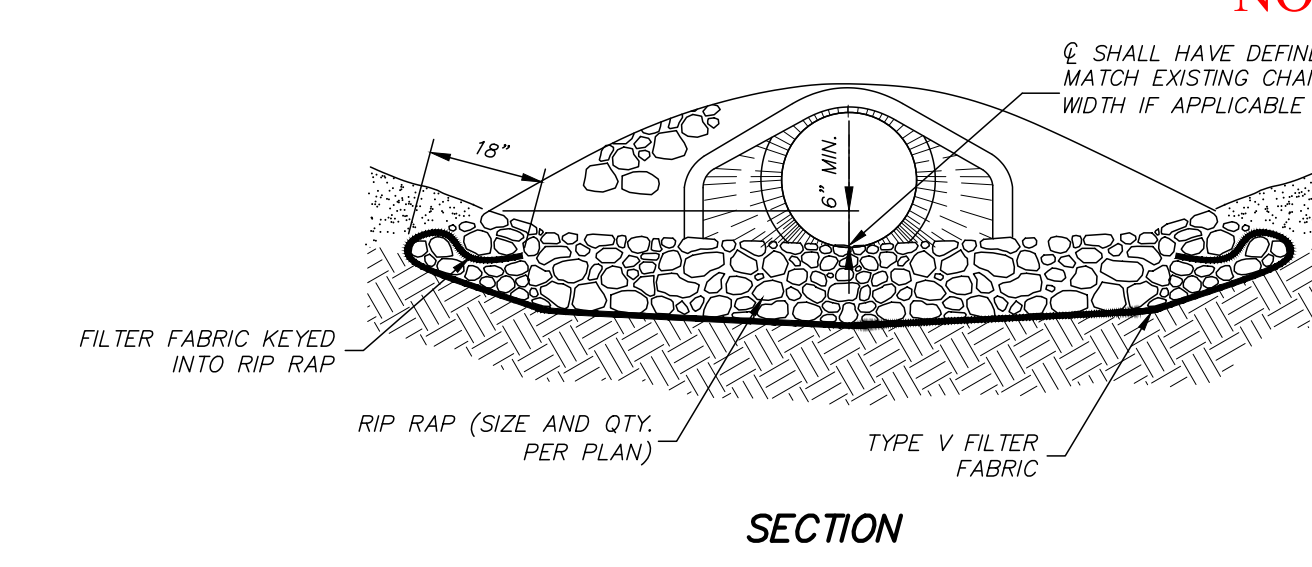
B-7302



- NOTES:
1. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE WIRE BACKED OR MEET MDOT TYPE II MATERIAL REQUIREMENTS.
 2. STEEL POSTS SHALL BE 4" (MIN.) IN HEIGHT AND OF THE SELF FASTENER ANGLE STEEL TYPE.
 3. FENCE SHALL BE FASTENED WITH NOT LESS THAN 9 GAGE STAPLES 1" LONG FOR WOODEN POSTS AND 3/4" FOR WOODEN STAKES.
 4. ALLOW A 6" OVERLAP OF FABRIC AT JOINTS.



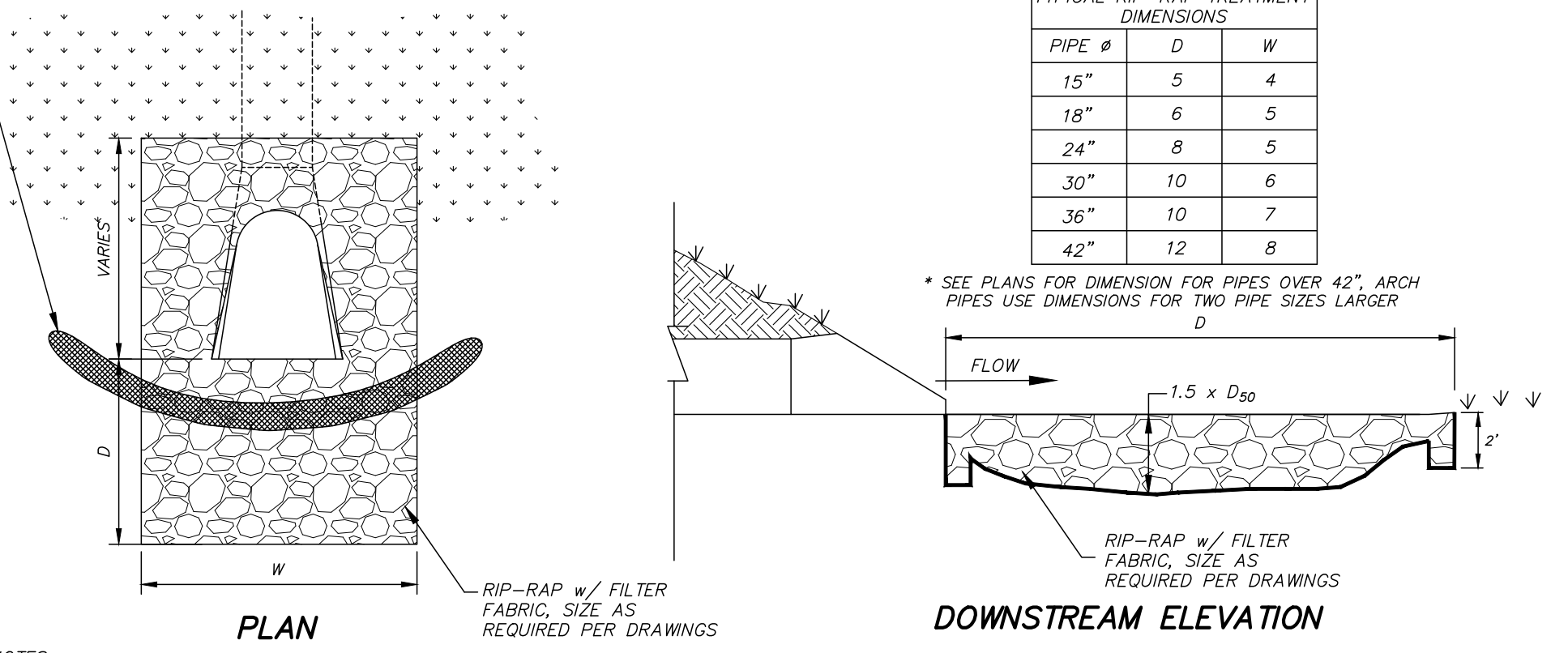
ELEVATION



SECTION

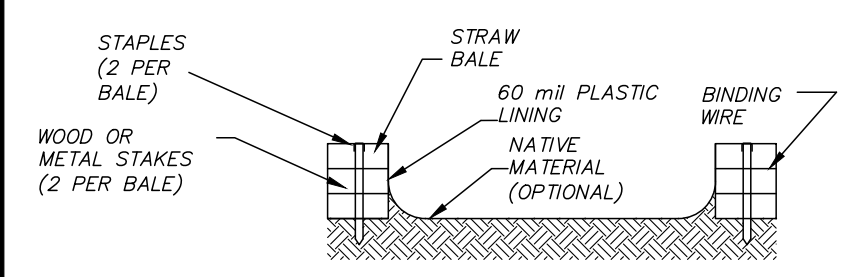
PIPE Ø	D	W
15"	5	4
18"	6	5
24"	8	5
30"	10	6
36"	10	7
42"	12	8

* SEE PLANS FOR DIMENSION FOR PIPES OVER 42" ARCH PIPES USE DIMENSIONS FOR TWO PIPE SIZES LARGER

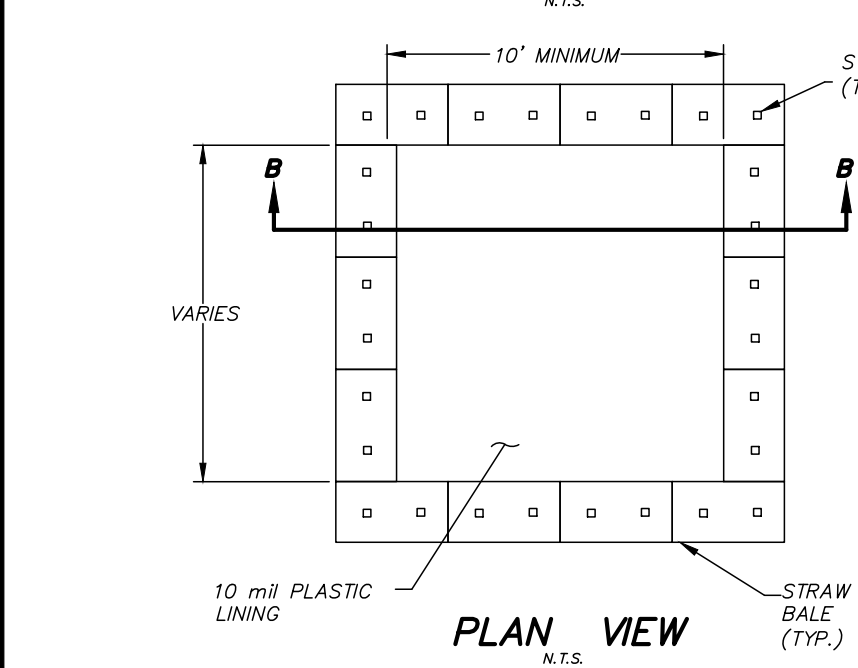


CULVERT RIP-RAP OUTLET PROTECTION

- NOTES:
1. RIP-RAP TREATMENT REQUIRED AT ALL CULVERTS UPSTREAM AND DOWNSTREAM ENDS.
 2. RIP-RAP TREATMENT ON UPSTREAM AND DOWNSTREAM ENDS SHALL TOTALLY SURROUND CULVERT TO A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE.
 3. SEE CHART FOR DIMENSIONS FOR D & W UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
 4. RIP-RAP WILL BE PAID FOR BY THE SQUARE YARD.
 5. RIP-RAP DIMENSIONS SHOWN ON THE SCHEDULE ARE TYPICAL AND MAY BE FIELD ADJUSTED BY ENGINEER. ANY CHANGE IN QUANTITY RESULTING FROM FIELD ADJUSTMENT WILL BE PAID PER SQUARE YARD AT CONTRACT UNIT PRICE.



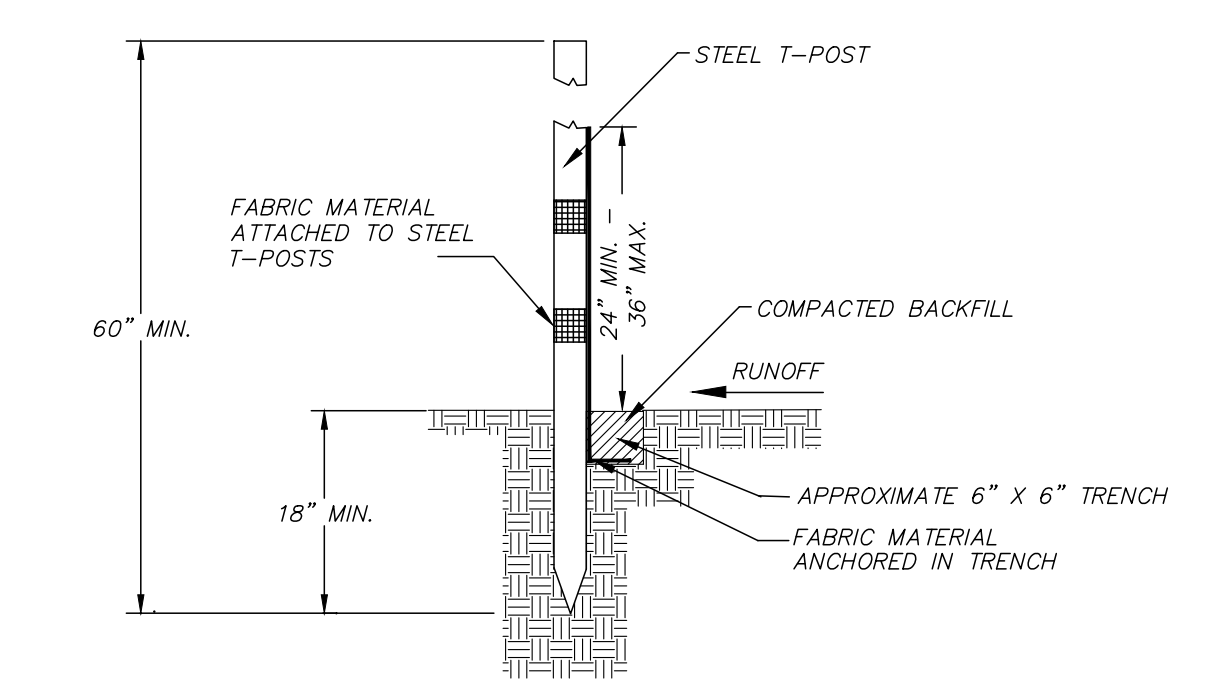
SECTION B-B



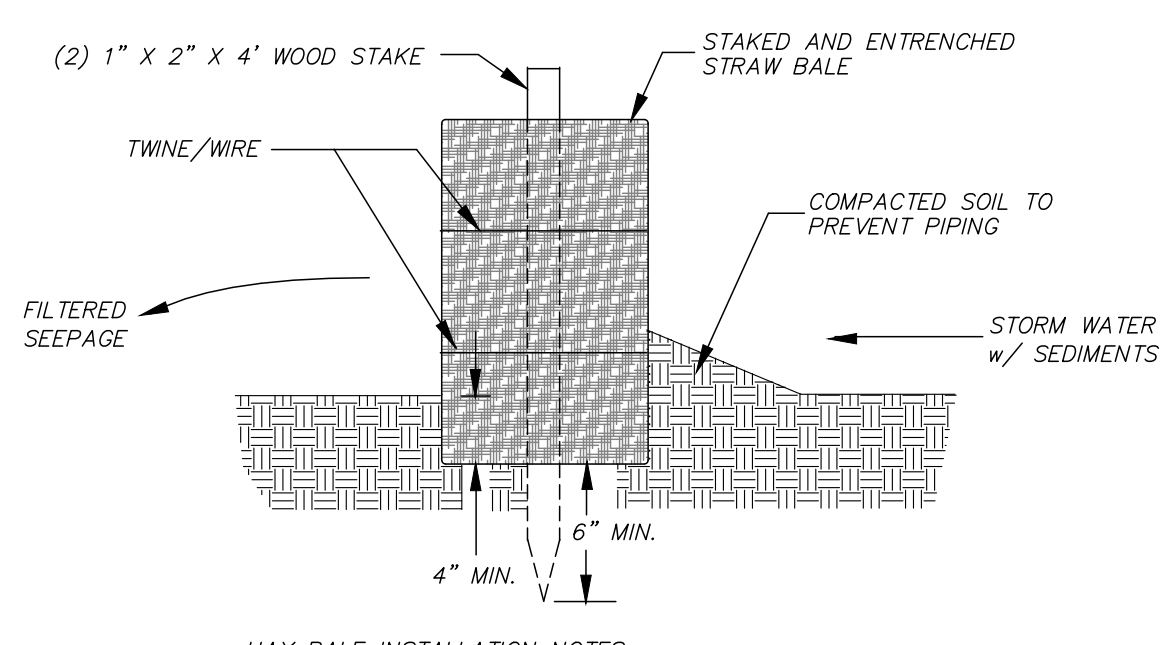
PLAN VIEW

STRAW BALE CONCRETE WASHOUT AREA

- NOTES:
1. LOCATION TO BE DETERMINED BY CONTRACTOR AND APPROVED BY THE ENGINEER OR ENGINEER'S REPRESENTATIVE.
 2. IF CONCRETE WASHOUT AREA EXHIBITS LEAKAGE OR PROVES TO BE INADEQUATE FOR ITS INTENDED PURPOSE, THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE.
 3. IF REQUIRED BY ENGINEER OR C.O.J., AREAS IMMEDIATELY DOWNSTREAM/DOWNSLOPE SHALL INCLUDE A SECONDARY STORMWATER RUNOFF POLLUTION PREVENTION MEASURE.
 4. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE APPROVED STORMWATER MANAGEMENT PLAN.



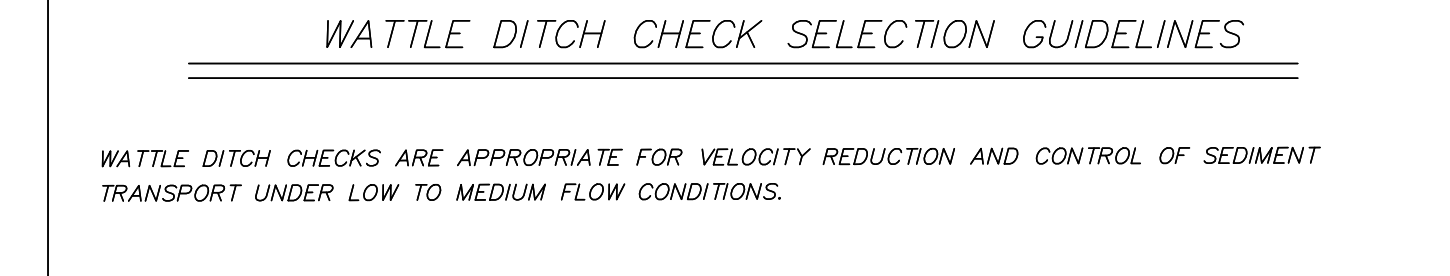
SILT FENCE DETAILS



HAY BALE INSTALLATION NOTES:

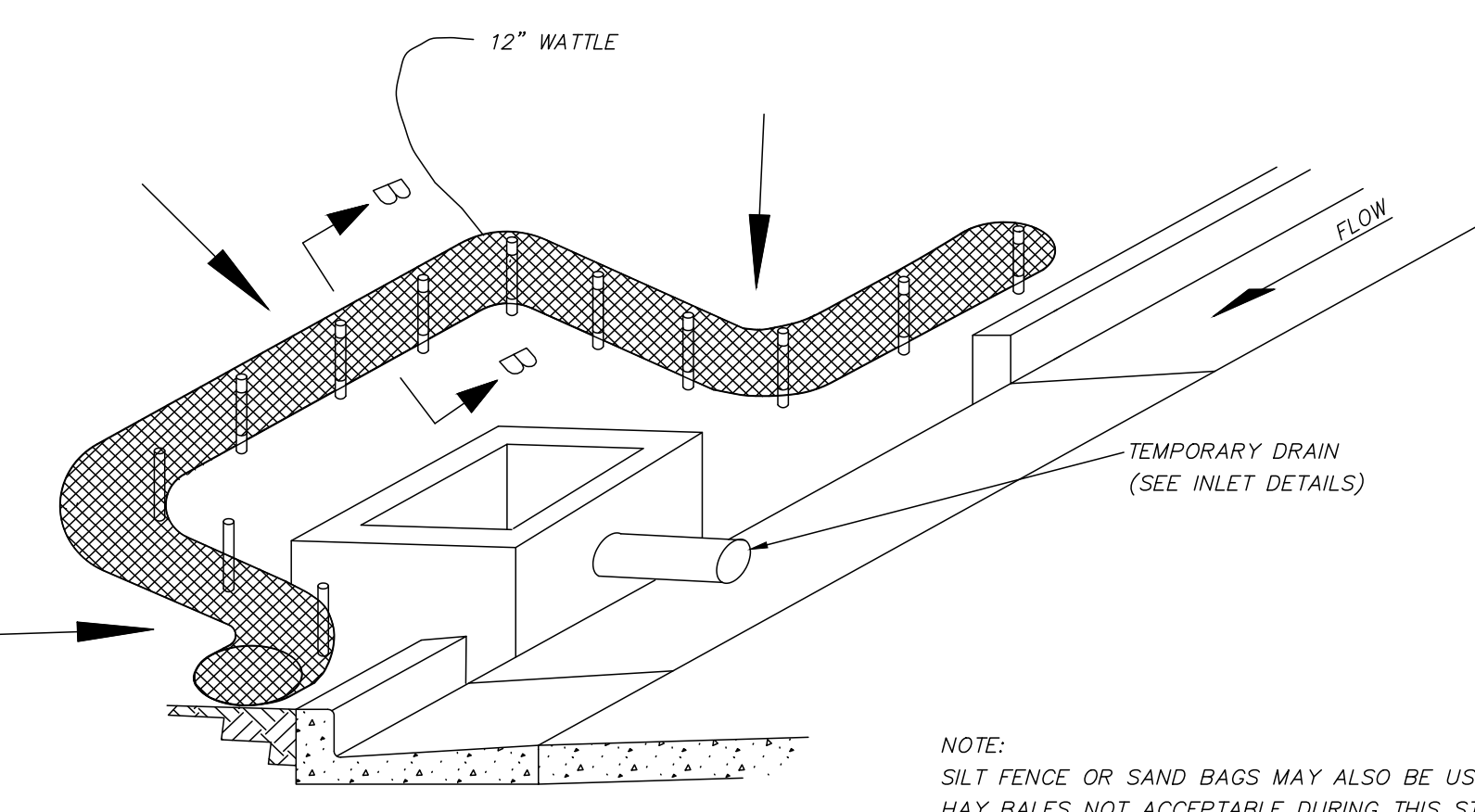
1. HAY BALES SHALL BE TRENCHED 3" TO 4" AND STAKED WITH (2) 1"x2"x4" WOOD STAKES PER BALE.
2. SILT FENCE SHALL BE DOWN STREAM OF HAY BALES.
3. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER. UNAVOIDABLE GAPS SHALL BE PLUGGED WITH HAY OR STRAW TO PREVENT SILT FROM PASSING.

HAY BALE INSTALLATION

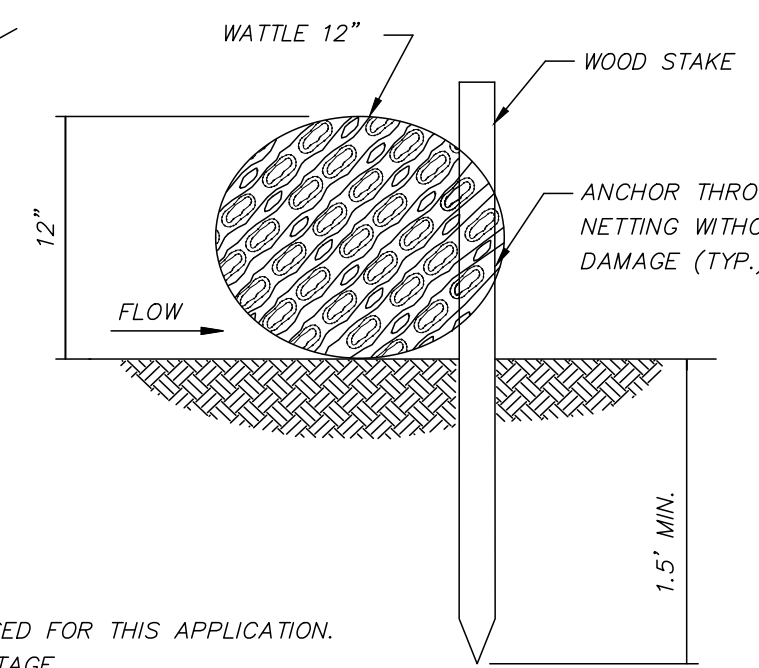


WATTLE DITCH CHECK SELECTION GUIDELINES

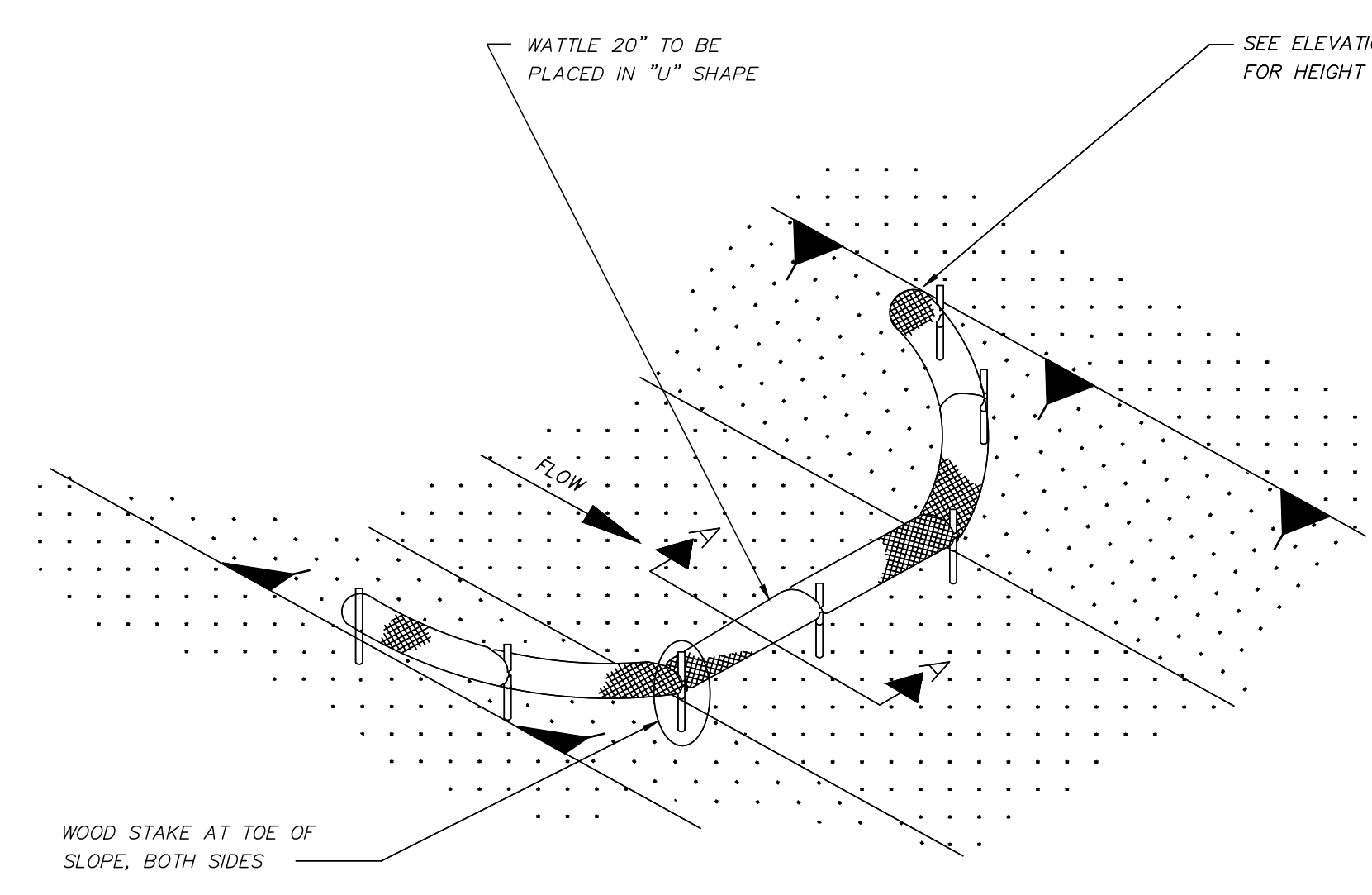
WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.



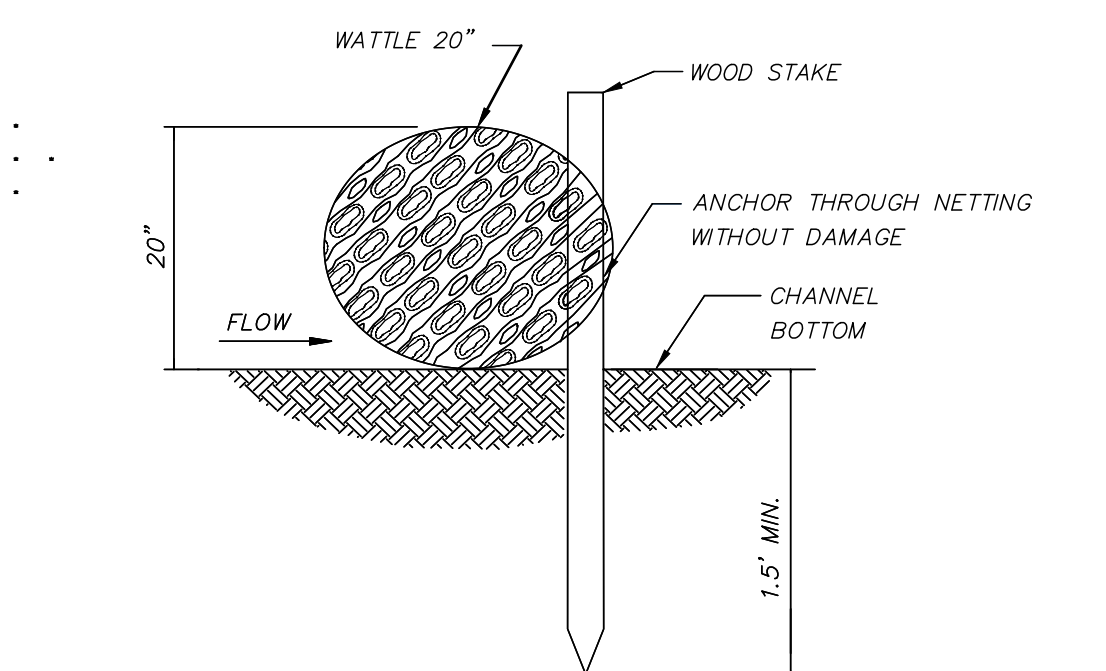
CURB INLET PROTECTION
SINGLE OR DOUBLE WING INLET



SECTION B-B



DETAIL (DITCH CHECK)

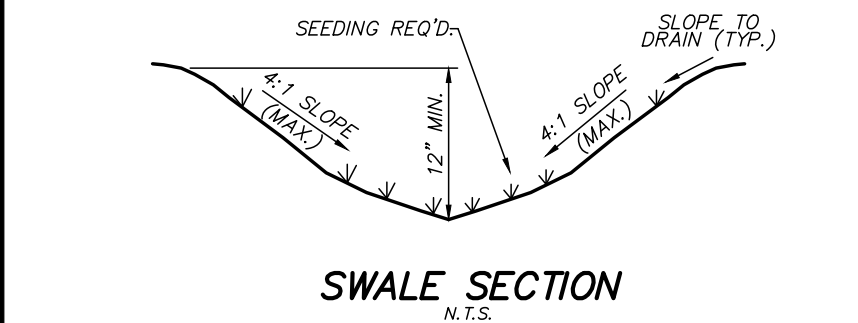


SECTION A-A

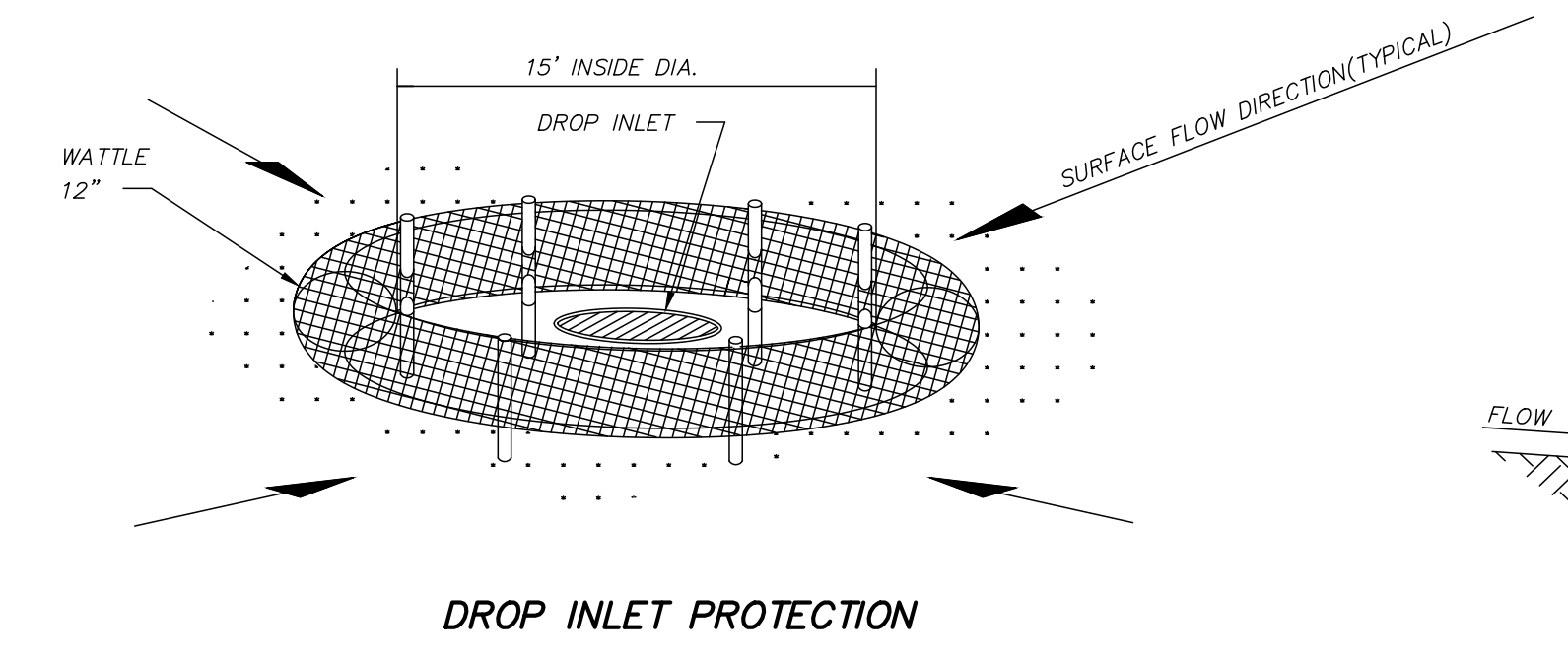
- NOTES:
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4.
 2. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
 4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

ELEVATION DETAIL

WATTLE DITCH CHECK

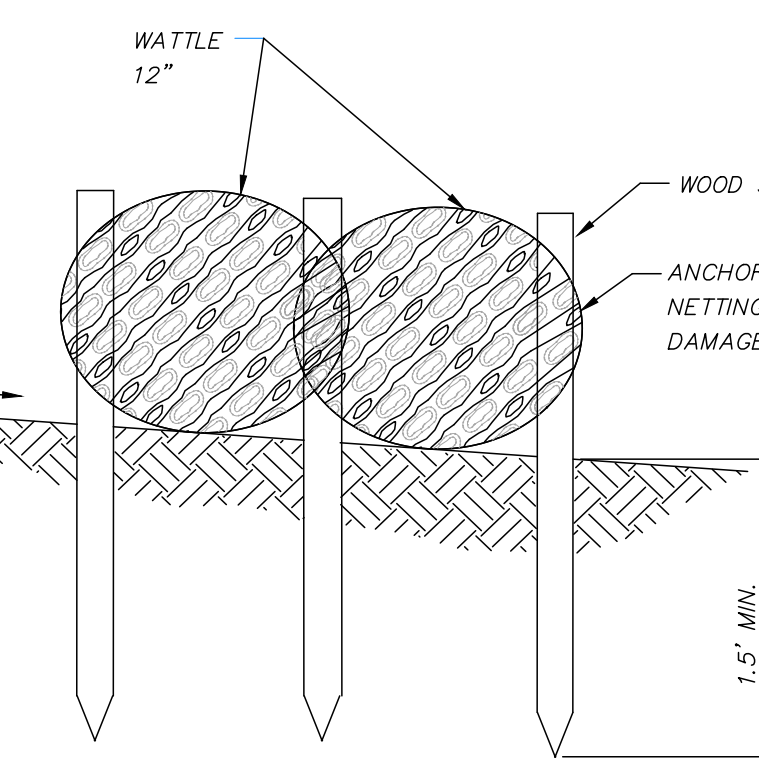


SWALE SECTION



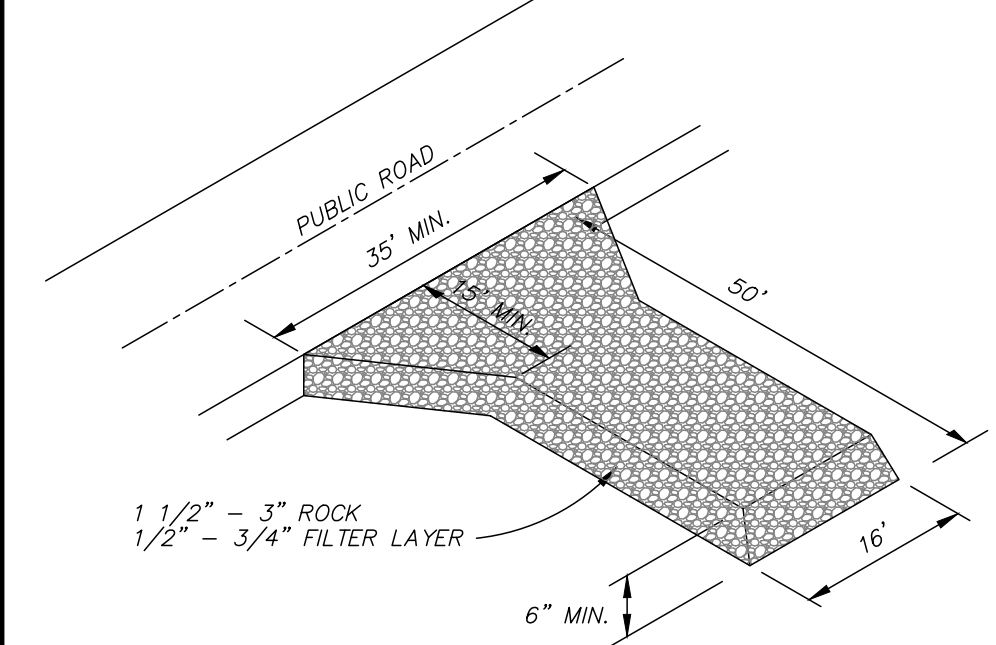
DROP INLET PROTECTION

- NOTES:
1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
 2. OVERLAP ENDS OF WATTLES PER MANUFACTURERS RECOMMENDATIONS (1MIN., 3MAX.).
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.



SECTION A-A

WATTLE INLET PROTECTION



TEMPORARY CONSTRUCTION ENTRANCE DETAIL

- NOTES:
1. VEHICLE TRACKING MAT SHALL BE LOCATED AT EVERY ENTRANCE/EXIT TO THE CONSTRUCTION SITE.
 2. VEHICLE TRACKING MAT SHALL BE MAINTAINED BY CONTRACTOR AS NEEDED TO PREVENT ANY MATERIAL FROM BEING TRACKED ONTO CITY STREET.
 3. SEDIMENT AND OTHER MATERIAL SPILLED, DROPPED OR TRACKED ONTO CITY STREET SHALL BE IMMEDIATELY REMOVED BY CONTRACTOR.
 4. DIMENSIONS SHOWN ABOVE ARE TYPICAL IF CONDITIONS ALLOW. ANY REVISIONS TO DIMENSIONS SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

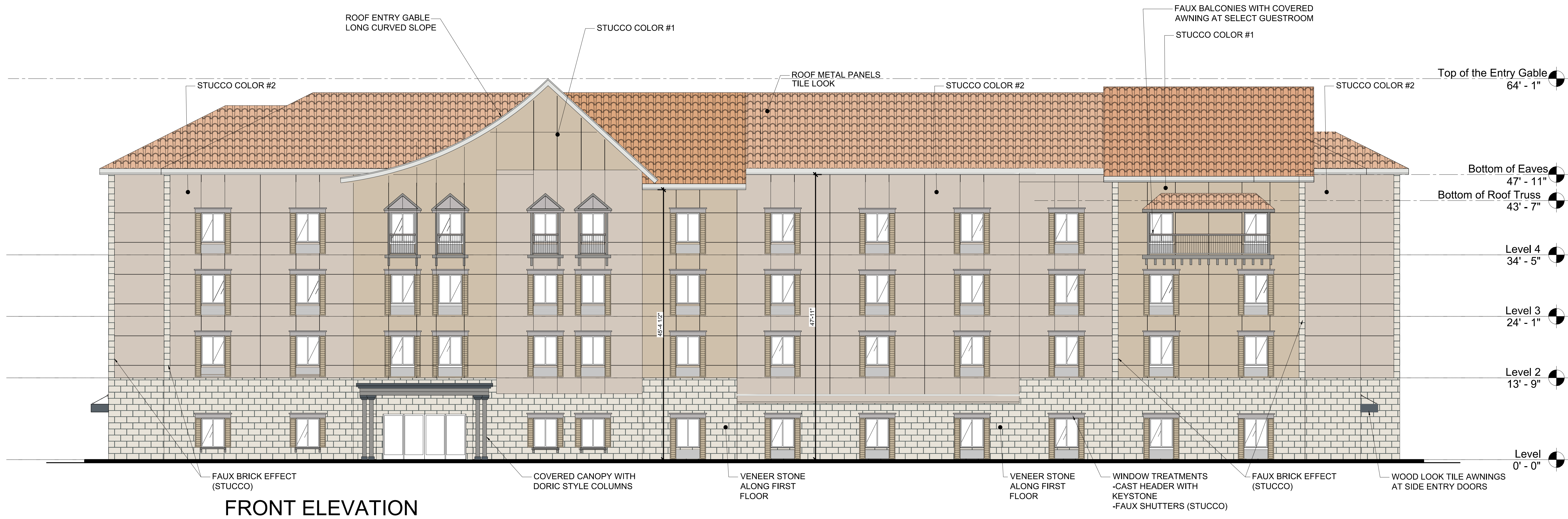
REVISIONS:

DATE	BY	DESCRIPTION
4/5/24	JH	DRAWING
	GAB	CHECKED
		SCALE
		REF C/L
		E/C SURFACE
		F/S SURFACE

PROJECT LOCATION:
DEES PLAZA
MADISON COUNTY, MISSISSIPPI
CLIENT:
BDP GROUP, LLC
602 SPRINGRIDGE ROAD, CLINTON, MS

PROJECT:
CANDLEWOOD SUITES
SHEET CONTENTS:
EROSION CONTROL DETAILS

SHEET NUMBER
16 of 16
PROJECT NUMBER
B-7302



FRONT ELEVATION

EXTERIOR ELEVATIONS

SCALE : 1/8" = 1' - 0"

ALL DIMENSIONS, SPECIFICATIONS AND NOTES ARE TO BE USED IN CONJUNCTION WITH THE CONTRACT DOCUMENTS. THE ARCHITECT AND HIS FIRM SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DRAWN: AJ,JP
 CHECKED: PW
 DATE : SEP 2020



CANDLEWOOD SUITES
 DEES PLAZA AT INTERSTATE 55,
 GLUCKSTADT, MS 39110

ISSUE
05-07-2021 I.F.P.

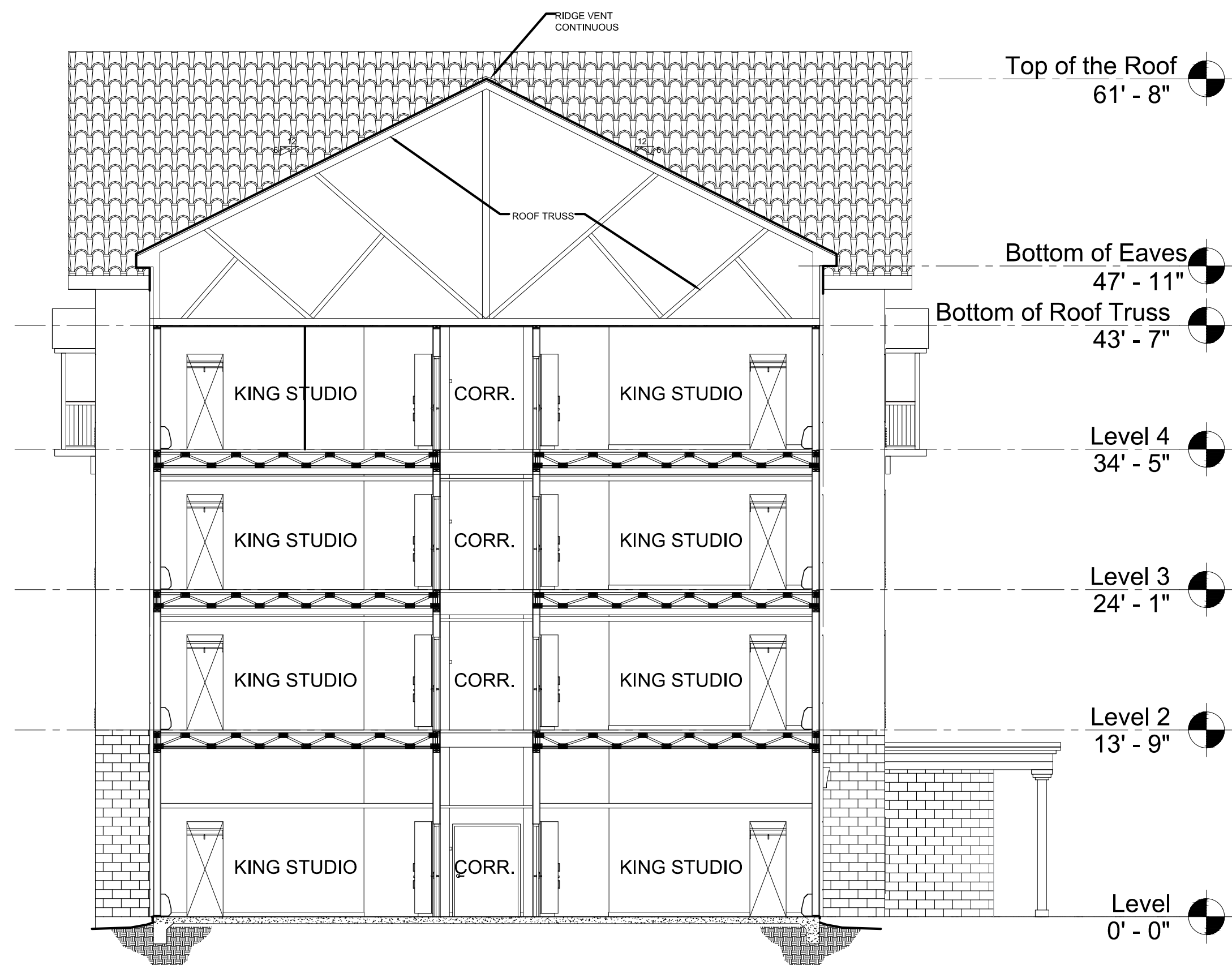
rhaarchitect
 Architect + Master Planner
 16043 Barbarosa Drive
 Houston, Texas 77083 e-mail: RHAarchitect@aol.com

oklahoma ~ arkansas ~ florida

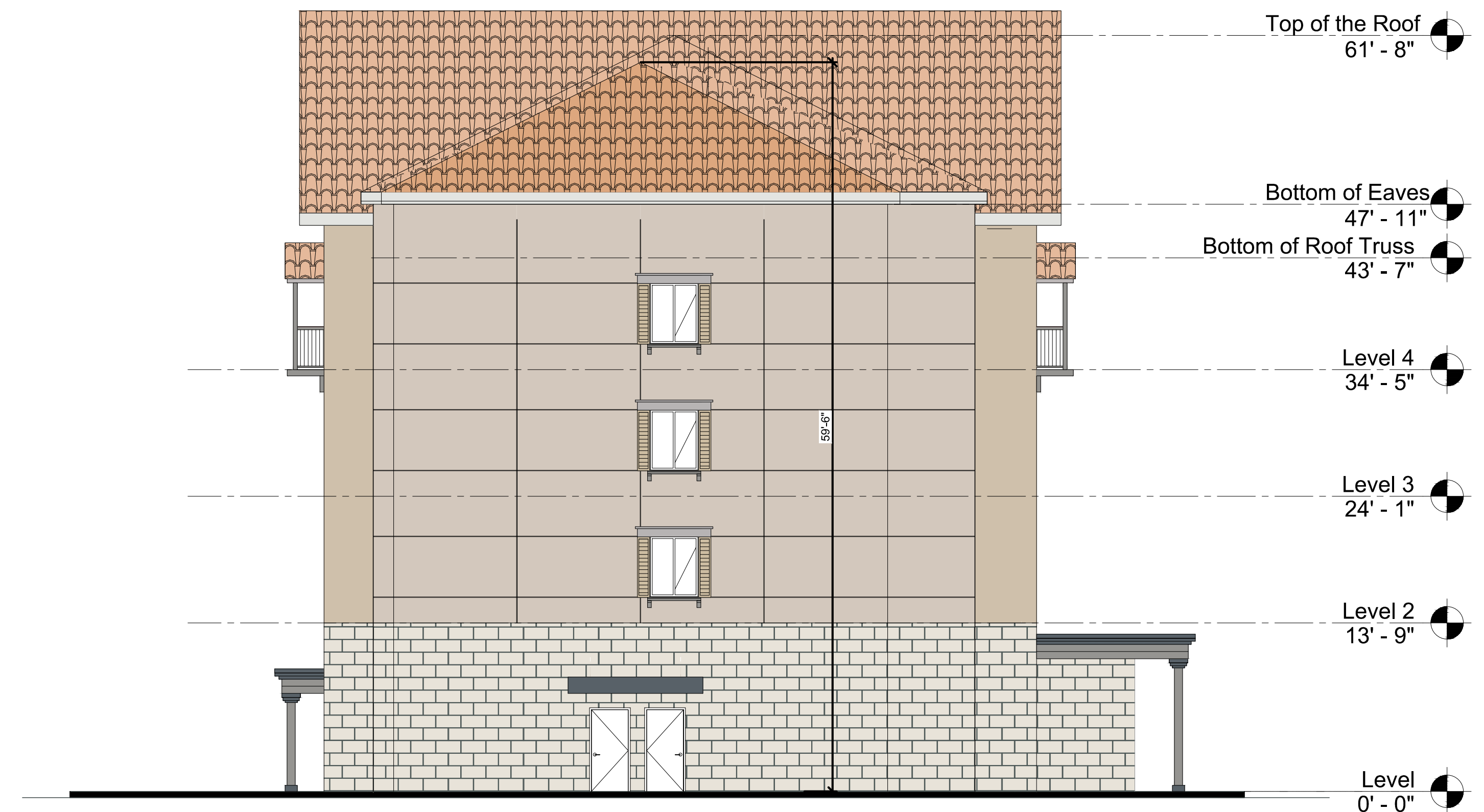
Randall Harris & Associates, Architect

REVISIONS
02-19-2020 ISSUED FOR FINAL FRANCHISE REVIEW
02-28-2024 ELEVATION REVISED
04-22-2024 UPDATED VERSION
05-09-2024

JOB NO.
 19-09-016
 SHEET NO.
A2.00



BUILDING SECTION



SIDE ELEVATION

EXTERIOR ELEVATION AND BUILDING SECTION

SCALE : 1/8" = 1' - 0"

ALL DIMENSIONS, SPECIFICATIONS AND DESIGNS PRESENTED ON THIS SHEET ARE THE PROPERTY OF RHA ARCHITECT AND NO PART OF THIS SHEET IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF RHA ARCHITECT. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL THE DIMENSIONS SHOWN ON THIS SHEET. DIMENSIONS NOTED ON THIS SHEET MUST BE NOTED ON THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DRAWN: AJ,JP
 CHECKED: PW
 DATE : SEP 2020



CANDLEWOOD SUITES
 DEES PLAZA AT INTERSTATE 55,
 GLUCKSTADT, MS 39110

ISSUE
05-07-2021 I.F.P.

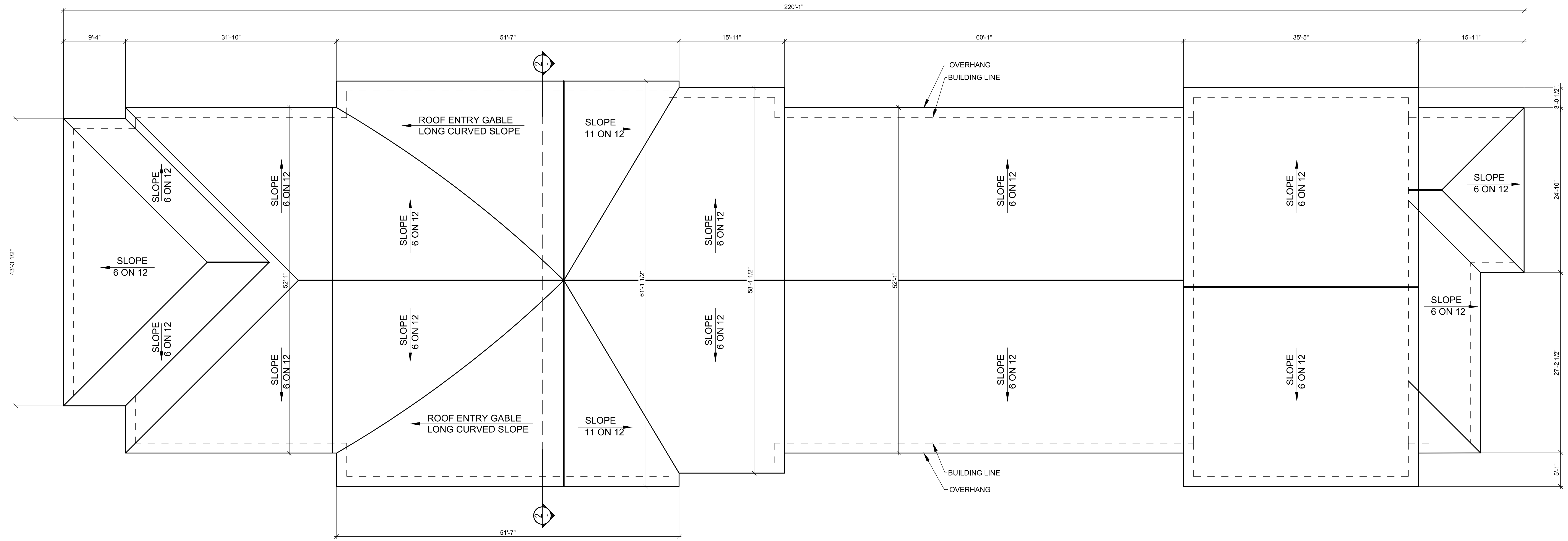
rhaarchitect
 Architect + Master Planner
 16043 Barbarosa Drive
 Houston, Texas 77063 e-mail: RHAarchitect@aol.com

TEXAS ~ LOUISIANA ~ GEORGIA ~ MISSISSIPPI
 OKLAHOMA ~ ARKANSAS ~ FLORIDA

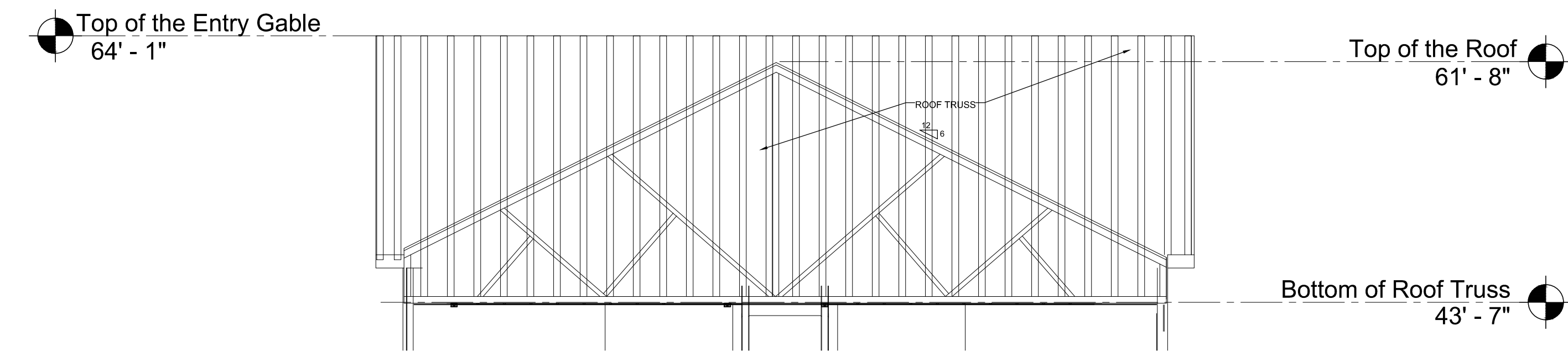
Randall Harris & Associates, Architect

REVISIONS
02-19-2020 ISSUED FOR FINAL FRANCHISE REVIEW
02-28-2024 ELEVATION REVISED
04-22-2024 UPDATED VERSION
05-09-2024

JOB NO.
 19-09-016
 SHEET NO.
A2.01



1 ROOF PLAN



1 ROOF SECTION AT ENTRY GABLE

ROOF PLAN AND DETAIL SECTION

ALL DIMENSIONS, SPECIFICATIONS AND DESIGNS PRESENTED ON THIS SHEET ARE THE PROPERTY OF RHA ARCHITECT AND NO PART OF THIS SHEET IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF RHA ARCHITECT. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL THE DIMENSIONS SHOWN ON THIS SHEET. ANY DISCREPANCIES BETWEEN THIS SHEET AND ANY OTHER SHEETS SHALL BE NOTICED AND CORRECTED BEFORE CONSTRUCTION. THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

DRAWN: AJ,JP
 CHECKED: PW
 DATE: SEP 2020



CANDLEWOOD SUITES
 DEES PLAZA AT INTERSTATE 55,
 GLUCKSTADT, MS 39110

ISSUE
05-07-2021 L.F.P.

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texas ~ louisiana ~ georgia ~ mississippi
 oklahoma ~ arkansas ~ florida

Randall Harris & Associates, Architect

REVISIONS
02-19-2020 ISSUED FOR FINAL FRANCHISE REVIEW
05-09-2024

JOB NO.
 19-09-016
 SHEET NO.
A2.02



CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chris Buckner, Public Works Director

DATE: 4/22/2024

SUBJECT: Cintas Uniform Rental

Public Works would like to enter into a contract with CINTAS to rent uniforms for our crews. CINTAS is under state contract for uniform rental in MS. Under this contract CINTAS would provide, and provide weekly cleaning, for 11 work shirts and 11 work pants for our crews. This also includes 2 mats that will be changed out regularly for the public works offices to help keep it clean and professional. Having uniforms for our crews will help to have them stand out as Gluckstadt employees, give a more professional look, and will help them not have their personal clothing continue to get torn or generally too dirty. Under this contract, CINTAS will replace the items that get damaged under normal wear and facilitate size changes that any of the employees might incur at no charge. This contract has no start-up cost and will cost the city:

- \$ 63.32 per week
- \$ 274.39 per month (average)
- \$ 3,292.64 annually

For the rest of this year we would pay \$1,646.34 total.

If you have any questions, or concerns, please feel free to contact me.



A Uniform Proposal For The City of Gluckstadt

A uniform program from Cintas can be perfectly tailored to fit the employees of the City of Gluckstadt. Through the MS State Contract for Uniforms (#8200037621), Cintas will provide an inventory of work shirts and pants for each city employee enrolled in the program. This program allows for regularly scheduled weekly service visits for your employee uniforms! The program includes:

- All Rental garments to be **cleaned and maintained** by Cintas.
- Garments will be **new** for all employees at the program's inception.
- Any garments that require **replacements** due to normal wear will be replaced at **no charge**.
- **Size changes** will be facilitated for those individuals needing them, also at **no charge**.
- **Repairs** will be professionally rendered at **no additional charge**.
- **No Start-Up Costs for State Contract Accounts!**

RENTAL RATES (Based on a 5-Day Week):

Weekly Costs:

Inventory of **11** Carhartt ‘RuggedFlex’ Work Shirts
To provide **5** clean changes per week

\$ 4.74 per employee

Inventory of **11** Carhartt ‘Rugged Flex’ Work Pants
To provide **5** clean changes per week

\$ 5.04 per employee

OTHER CHARGES:

4 x 6 Heavy Traffic Entrance Mat Service
3 x 10 Heavy Traffic Mat Service

\$ 6.82 per week
\$ 7.68 per week

Service Charges and Delivery Fees

No Charge

Here are the weekly, monthly and annual costs for (4) employees in Carhartt uniforms, and mats:

- **\$ 63.32 per week**
- **\$ 274.39 per month (average)**
- **\$ 3,292.64 annually**

David J. Wood | Sales Representative
Cintas Corporation
Office 601/366-0667 | Cell 601/842-2265
3894 Beasley Road | Jackson, MS 39213
WoodD@cintas.com | cintas.com





CITY OF GLUCKSTADT

MISSISSIPPI

PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Mayor & Board of Alderman

FROM: Chris Buckner, Public Works Director

DATE: 4/29/2024

SUBJECT: Germantown Retail/Calhoun Station Parkway Drainage Materials

Public Works requests the Board to approve the purchase of various materials for a drainage project along Calhoun Station Parkway at the Germantown Retail development. We have come to an agreement with the developer and his project manager to repair a drainage issue in front of the development. In this agreement, the city will purchase the materials for the developer to install drainage pipe along the front of the development to avoid a shelving issue that continues to persist with the current ditch along Calhoun Station Parkway, which would eventually cause road issues if not improved. These drainage improvements were not required on the original site plan and is an improvement Public Works has added.

We have received two (2) quotes for the materials, quotes are attached:

Central Pipe Supply, Inc - \$12,768.75

Southern Pipe & Supply - \$13,567.83

Based on the quotes received, Public Works would like to purchase the materials from Central Pipe Supply, Inc.

If you have any questions or concerns, please contact me.

Bill To CITY OF GLUCKSTADT
343 DISTRIBUTION DR
Cust # MADISON, MS 39110-8744
90872306

Correspondence To Southern Pipe & Supply Company
4330 Hwy 39 N.
PO Box 5738
MERIDIAN, MS 39301

Ship To CITY OF GLUCKSTADT
343 DISTRIBUTION DR
MADISON, MS 39110-8744

Instructions		Currency
Ship Point	Via	Shipped Terms
SOUTHERN PIPE - JACKSON W&S	Best Way	10Prox,Net30

Ln #	Product And Description	UPC Item #	Quantity Ordered	Quantity Backordered	Quantity Shipped	Qty UM	Unit Price	Price UM	Discount Multiplier	Amount (Net)
1	PCOBS30 30" CORRUGATED ASTM B&S PIPE	00000	200		200	FT	46.07	FT	0.00	9214.00
2	PCOBS24 24" CORRUGATED ASTM B&S PIPE	00000	20		20	FT	32.15	FT	0.00	643.00
3	3067RCDIS 30" MAR-MAR COUPLER	00000	3		3	each	345.52	each	0.00	1036.56
4	3067AN 30" x 24" ADS TEE	00000	1		1	each	1586.33	each	0.00	1586.33
5	ADS3065AA 30" N12 COUPLING	00000	2		2	EA	202.55	EA	0.00	405.10
6	ADS2465AA 24" N12 COUPLING	00000	1		1	each	87.96	each	0.00	87.96
7	2401DI 24" DI Drop In Grate	00000	1		1	each	594.88	each	0.00	594.88

7 Lines Total	Qty Shipped Total	228	Total Invoice Total	13567.83
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CENTRAL PIPE SUPPLY - JACKSON
 101 WARE ROAD
 PEARL, MS 39208
 601-939-3322
 Fax 601-932-8944



Quotation Section 10, Item B)

EXPIRATION DATE	QUOTE NUMBER
05/06/2024	S100369075
CENTRAL PIPE SUPPLY - JACKSON 101 WARE ROAD PEARL, MS 39208 601-939-3322 Fax 601-932-8944	
PAGE NO.	1 of 1

QUOTE TO:

SHIP TO:

CITY OF GLUCKSTADT
 107 LONE WOLF DR
 GLUCKSTADT, MS 39110-7029

CITY OF GLUCKSTADT
 107 LONE WOLF DR
 GLUCKSTADT, MS 39110-7029

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
13906				
WRITER	SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED
CAMERON DILMORE	OT OUR TRUCK	NET 30 DAYS	04/02/2024	Yes
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT PRICE
200ft	ADS N12 DUAL WALL HDPE PIPE STIB 30" X 20' ASTM "BLACK" Pn: 7252		44.410/ft	8882.00
20ft	ADS N12 DUAL WALL HDPE PIPE STIB 24" X 20' ASTM "BLACK" Pn: 7250		30.990/ft	619.80
3ea	30" MARMAC DISSIMILAR ADAPTER COUPLING CONC x DW #3067RCDIS30N30C #DPA03024125R129 **SPECIAL ORDER - NON RETURNABLE** Pn: 27542		332.160/ea	996.48
1ea	ADS DUAL WALL TEE 30" X 24" #3067AN PLAIN END **SPECIAL ORDER - NON RETURNABLE** Pn: 51841		1231.730/ea	1231.73
2ea	ADS DUAL WALL SPLIT COUPLER 30" #3065AA Pn: 7287		188.770/ea	377.54
1ea	ADS DUAL WALL SPLIT COUPLER 24" #2465AA Pn: 7284		81.200/ea	81.20
1ea	24" #2401DI NYLOPLAST DROP IN GRATE Pn: 26410		580.000/ea	580.00

Tax not included.
 Pricing subject to change due to volatility in the marketplace.

Subtotal	12768.75
S&H Charges	0.00
Amount Due	12768.75

Fwd: Agreement To Fix Erosion

Chris Buckner <chris.buckner@gluckstadt.net>

Fri 3/29/2024 10:30 AM

To:William Hall <william.hall@gluckstadt.net>

Thought you were on this. I'll make sure to have you added in when they reply since the conversation is transitioning to the process moving forward now.

Get [Outlook for iOS](#)

From: Chris Buckner <chris.buckner@gluckstadt.net>
Sent: Friday, March 29, 2024 10:28:47 AM
To: Juan Vargas <Juan@certifiedhm.com>
Cc: Sunny Sethi <sunny@certifiedhm.com>; Jeremy Glascoe <jeremy@certifiedhm.com>
Subject: Re: Agreement To Fix Erosion

Thanks for that. If you can get us that site plan and an updated elevation showing what is currently on the building by Tuesday or Wednesday, we would like to meet to discuss how we are going to move forward. We are working on things on our end as well and should have all our answers from our team by then.

Get [Outlook for iOS](#)

From: Juan Vargas <Juan@certifiedhm.com>
Sent: Thursday, March 28, 2024 5:29:29 PM
To: Chris Buckner <chris.buckner@gluckstadt.net>
Cc: Sunny Sethi <sunny@certifiedhm.com>; Jeremy Glascoe <jeremy@certifiedhm.com>
Subject: Re: Agreement To Fix Erosion

Yes, sir that is correct. The city of Gluckstadt will buy the material (36 concrete pipes) that will be installed by us (Certified construction) at no charge to the city. The drainage pipe will be installed starting from the north side of the southern driveway and will continue north along the frontage of the property ending at the northern property line or the material provided finishes, or as deemed acceptable by the city of Gluckstadt Public works Director.

V/r,

Juan Vargas
Cell phone number: 240-714-9374

From: Chris Buckner <chris.buckner@gluckstadt.net>
Date: Thursday, March 28, 2024 at 4:45 PM
To: Juan Vargas <Juan@certifiedhm.com>
Cc: Sunny Sethi <sunny@certifiedhm.com>, Jeremy Glascoe <jeremy@certifiedhm.com>
Subject: Re: Agreement To Fix Erosion

Just to confirm, the City of Gluckstadt will buy 36" concrete drainage pipe that is to be installed by you, Certified Construction. This drainage pipe will be installed starting from the North side of the Southern driveway and continue North along the frontage of the property ending at the Northern property line of the parcel, or as deemed acceptable by the City of Gluckstadt Public Works Director.

Section 10, Item B)

Get [Outlook for iOS](#)

From: Juan Vargas <Juan@certifiedhm.com>
Sent: Thursday, March 28, 2024 3:20:30 PM
To: Chris Buckner <chris.buckner@gluckstadt.net>
Cc: Sunny Sethi <sunny@certifiedhm.com>; Jeremy Glascoe <jeremy@certifiedhm.com>
Subject: Agreement To Fix Erosion

Chris,

Per our conversation we certified construction will provide the manpower and dirt work to fix the erosion on 203 Calhoun station Pkwy. The City of GluckStadt will provide the Colbert necessary to fix the erosion.

Please let me know if this email suffices.

V/r,

Juan Vargas
Cell phone number: 240-714-9374

CAUTION : This message originated from outside the organization. Exercise caution when following links, opening attachments or carrying out instructions.



CITY OF GLUCKSTADT
MISSISSIPPI
OFFICE OF THE POLICE DEPARTMENT
343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman
From: Barry Hale, Police Chief
Date: May 14, 2024
Subject: General Update, Police Department

The Police Chief will provide a brief update on the below police department matters.

Items:

- Stats (Tickets)
- Arrests
- Accidents Worked
- Warrants Served
- New Police Building
- Training



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: April 30, 2024

Subject: Requesting approval to accept the bid from United Automation for access control and security cameras for the new police department.

I'm requesting the Mayor and Board of Alderman approve the bid for access control and security cameras from United Automation. My team, and I have looked over the three (3) bids and we are in agreeance that United Automation is the best and lowest bid. United Automation meets all the standards and specifications we are looking for in the new building. Attached is the letter from Dean Architecture regarding United Automation meeting the specifications set forward for the bidding process as well as all three bid packages with specifications and price.

Sincerely,

Chief Barry W. Hale





661 Sunnybrook Rd Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

Timothy G. Geddie, AIA
J. Alan Grant, AIA
Kenneth A. Oubre, AIA

April 30, 2024

Mr. Walter C. Morrison, IV, Mayor
City of Gluckstadt Mississippi
P.O. Box 2210
Madison, MS 39130

RE: Gluckstadt Police Station
Access Control & Camera Systems
Gluckstadt, MS
DA PN: 24015

Dear Mr. Morrison,

We have reviewed the bid proposals (3) for the referenced project and find United Automation to be the apparent low bidder. We find the documents to be in order, therefore we recommend the owner enter into an agreement with United Automation in the base bid amount of \$82,149.00. Also, there are two options for the service agreement (5 year \$32,149 and 10 year \$64,297).

United Automation's has provided the attached memo confirming their bid cost in the above amount.

Please provide your approval to proceed with the Owner/Contractor Agreement for this project at your earliest convenience.

We look forward to working on this phase of the work.

Sincerely,

Dean Architecture, P.A.


J. Alan Grant, AIA, NCARB
President

JAG / kmd

cc: File



CLOUD VIDEO SURVEILLANCE AND ACCESS CONTROL

For

PROJECT:
**CITY OF GLUCKSTADT POLICE DEPARTMENT ACCESS CONTROL
PACKAGE**
Gluckstadt, MS 39110

PROFESSIONAL:
DEAN ARCHITECTURE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601-939-7717
Kathy Dier

To Whom It May Concern :

United Automation, LLC has reviewed the submitted bid for April 23, 2024 for the above-referenced Access Control and CCTV project for the City of Gluckstadt (the City). We confirm that we have read all Specifications and reviewed all Drawings for this project. United Automation is prepared to enter into an agreement with the City for the Base Bid along with whichever Alternate bid the City selects. Thank you for placing your trust in us.

Barry Hale

From: Barry Hale
Sent: Tuesday, April 30, 2024 10:53 AM
To: Lindsay Kellum; Alan Grant; Scott Maugh
Cc: John Dant; Kathy Dier
Subject: Re: Gluckstadt PD Access Control - Low Bid

Thank you, Alan, just to clarify this is for Access control and Surveillance?

Get [Outlook for iOS](#)

From: Lindsay Kellum <lindsay.kellum@gluckstadt.net>
Sent: Tuesday, April 30, 2024 10:01:25 AM
To: Alan Grant <agrant@deandean.com>; Scott Maugh <scott.maugh@gluckstadt.net>; Barry Hale <barry.hale@gluckstadt.net>
Cc: John Dant <jdant@deandean.com>; Kathy Dier <kdier@deandean.com>
Subject: RE: Gluckstadt PD Access Control - Low Bid

Thank you, Alan. I agree, it appears United Automation meets all specs as written.

We will look out for your formal recommendation letter. Ultimately, it is up to the Chief of Police, Assistant Chief, & Court Clerk to review all bids thoroughly, conduct further research, and take their award recommendation to the board for further discussion and approval. They are diligently working through this process now and the Chief plans on placing it on the May 14 agenda for award.

Thanks to all for your work on this project -

LINDSAY LEONARD KELLUM

City Clerk, City of Gluckstadt
P.O. Box 2210
Madison, MS 39130
(769) 567-2306
Lindsay.Kellum@gluckstadt.net



From: Alan Grant <agrant@deandean.com>
Sent: Tuesday, April 30, 2024 9:26 AM
To: Lindsay Kellum <lindsay.kellum@gluckstadt.net>; Scott Maugh <scott.maugh@gluckstadt.net>; Barry Hale <barry.hale@gluckstadt.net>

Cc: John Dant <jdant@deandean.com>; Kathy Dier <kdier@deandean.com>
Subject: Gluckstadt PD Access Control - Low Bid

Lindsay and team,

After careful review, we cannot find any items in the low bidder's (United Automation) submitted package that do not meet or exceed the plans and specifications for access control. While we based our package around Verkada, the Avigilon (under the Motorola umbrella) system is extremely similar and will meet our specifications.

Our next step is to reach out to United Automation and request a letter that they are satisfied with their submitted bid and have all requirements covered. Once we get that letter, we will write a formal letter of recommendation.

Let us know if you have any questions or if you have found any discrepancies in your review.

Thanks
Alan.

J. Alan Grant, AIA, NCARB | Principal



661 Sunnybrook Rd, Ste 140
Ridgeland, MS 39157 | 601.939.7717 Ext. 120

agrants@deandean.com
deandean.com

BID TABULATION FORM

Project #: 24015

Bid Date: April 23, 2024

Time: 2:00 p.m.

Project Title: Gluckstadt PD Access Control & Camera Systems

Institution/Agency: City of Gluckstadt

Professional: Dean Architecture, PA

	Contractors	Base Bid
1	<p><u>Unitel Automation</u></p> <p>Certificate of Responsibility # _____</p> <p>5% Bid Security: <u>Unitel Fire</u></p> <p>Addenda Received: (#) (#) (#) (#)</p> <p>Days: _____</p>	<p>* \$82,149.00</p> <p>* \$32,149.00 5yr Rental</p> <p>* \$64,297.00 10yr Rental</p> <p>* No addendum received</p>
2	<p><u>Bel Bond: Unitel Fire</u></p> <p><u>Prime Logic Inc.</u></p> <p>Certificate of Responsibility # <u>14746-SC</u></p> <p>5% Bid Security: <u>FCCI Insurance</u></p> <p>Addenda Received: (#) (#) (#) (#)</p> <p>Days: _____</p>	<p>\$134,797.80</p> <p>* \$145,857.60 - 5 year rental</p> <p>* \$189,537.60 - 10 year rental</p>
3	<p><u>RJ Young</u></p> <p>Certificate of Responsibility # <u>15047579</u></p> <p>5% Bid Security: <u>7.312.37 - Pennade Steel</u></p> <p>Addenda Received: (#) (#) (#) (#) <u>Bel Bond</u></p> <p>Days: _____</p>	<p>\$100,942.52</p> <p>* \$45,304.80 - 5 year rental</p> <p>* \$90,657.60 10 year rental</p>
	<p>Certificate of Responsibility # _____</p> <p>5% Bid Security: _____</p> <p>Addenda Received: (#) (#) (#) (#)</p> <p>Days: _____</p>	
	<p>Certificate of Responsibility # _____</p> <p>5% Bid Security: _____</p> <p>Addenda Received: (#) (#) (#) (#)</p> <p>Days: _____</p>	
	<p>Certificate of Responsibility # _____</p> <p>5% Bid Security: _____</p> <p>Addenda Received: (#) (#) (#) (#)</p> <p>Days: _____</p>	



I certify that this is a correct tabulation of all bids received for this Project on the date stated above.

Kindy Keel
(Authorized Signature)

4/23/24
(Date)

[Faint, illegible text]

[Faint, illegible text]

BID TABULATION FORM

Project #: 24015

Bid Date: April 23, 2024

Time: 2:00 p.m.

Project Title: Gluckstadt PD Access Control & Camera Systems

Institution/Agency: City of Gluckstadt

Professional: Dean Architecture, PA

Contractors	Base Bid
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	

I certify that this is a correct tabulation of all bids received for this Project on the date stated above.

(Authorized Signature)

(Date)



*Received
By: [Signature]
Electronic*

**SECTION 004100
BID FORM**

THE PROJECT AND THE PARTIES

1.01 TO:

- A. Owner
 1. City of Gluckstadt, 343 Distribution Drive, Madison Mississippi, 39110

1.02 FOR:

- A. Project: Gluckstadt PD Access Control and Camera Systems

1.03 DATE: 4/22/2024 (BIDDER TO ENTER DATE)

1.04 SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)

- A. Bidder's Full Name United Automation, LLC
 1. Address 110 Barr Lane
 2. City, State, Zip West Monroe, LA 71291

1.05 OFFER

- A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by Dean Architecture, P.A. for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:
- B. Base Bid: Bidding Contractor to submit the cost of the work as a lump sum amount to be contracted directly with The City of Gluckstadt including all purchased and supplied materials and labor to purchase and install necessary components of the Access Control and Camera Systems.
- C. 5 year Contract Bid: Bidding Contractor to submit the cost of a 5 year Cloud Based Contract Agreement with the City of Gluckstadt.
- D. 10 year Contract Bid: Bidding Contractor to submit the cost of a 10 year Cloud Based Contract Agreement with the City of Gluckstadt
- E. Base Bid: Eighty-two thousand with one hundred and forty-nine dollars (\$ 82,149.00), in lawful money of the United States of America.
- F. 5 Year Contract: Thirty-two thousand with one hundred and forty-nine dollars (\$ 32,149.00), in lawful money of the United States of America.
- G. 10 Year Contract: Sixty-four thousand with two hundred and ninety-seven dollars (\$ 64,297.00), in lawful money of the United States of America.
- H. We have included the required security deposit as required by the Instruction to Bidders.
- I. All applicable federal taxes are included and State of MS taxes are included in the Bid Sum.
- J. All Cash and Contingency Allowances described in Section 012100 - ALLOWANCES are included in the Bid Sum.

1.06 ACCEPTANCE

- A. This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.
- B. If this bid is accepted by Owner within the time period stated above, we will:
 1. Execute the Agreement within seven days of receipt of Notice of Award.
 2. Furnish the required bonds within seven days of receipt of Notice of Award.

- C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.
- D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

1.07 CONTRACT TIME

- A. If this Bid is accepted, we will:
- B. Complete the Work by the 15th day of August, 2024.

1.08 CHANGES TO THE WORK

- A. When Architect establishes that the method of valuation for Changes in the Work will be net cost plus a percentage fee in accordance with General Conditions, our percentage fee will be:
 - 1. Fifteen (15) percent overhead and profit on the net cost of our own Work;
 - 2. Ten (10) percent on the cost of work done by any Subcontractor.
 - 3. Markup for profit and overhead will not be allowed for items to be paid from project allowances identified in Section 012100.


1.09 ADDENDA

- A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.
 - 1. Addendum # N/A Dated _____
 - 2. Addendum # N/A Dated _____
 - 3. Addendum # N/A Dated _____
 - 4. Addendum # N/A Dated _____

1.10 BID FORM SUPPLEMENTS

- A. Supplemental Information Required in Bid Package: The bidding contractors must submit qualifying information on equipment, system performance, software, and cloud based usage agreements for review by the owner (ie. equipment cut sheets, equipment data sheets, equipment performance parameters, contracts/agreements, etc.). Verkada is the basis of design for access control, cameras, software, and cloud based usage agreements as indicated in drawings and specifications. Bid package must include all Verkada (Basis of Design) equipment, software, and contracts/agreements and any substituted equipment, software, and contracts/agreements. Any variation or substitution from Verkada must be shown for comparison of bids purposes. The owner reserves the right to select and approve equipment and agreements from other substituted manufacturers as long as all data and performance characteristics and requirements are met or exceeded.
- B. The following Supplements are attached to this Bid Form and are considered an integral part of this Bid Form:

1.11 BID FORM SIGNATURE(S)

- A. The Corporate Seal of
- B. United Automation, LLC
- C. (Bidder - print the full name of your firm)
- D. was hereunto affixed in the presence of:
- E.  Owner
- F. (Authorized signing officer, Title)
- G. (Seal)

END OF BID FORM



AVIGILON™ ALTA AWARE



Open data platform



Smart Search by event, object, similarity



Map view with Smart Presence



Rules, events, alarms



Video view with Spotlight anomaly detection



People and vehicle counting



Playback timeline with Smart Presence



Alta Aware mobile app (Android, iOS)



Actionable intelligence made easy

Agile, scalable, secure and easy to use, Alta Aware is a powerful video management system equipped with integrated machine learning capabilities accessible in the cloud for Avigilon Alta cameras or third-party cameras using the Alta Cloud Connector. Alta Aware analyzes the video feeds from all your cameras in real-time, around the clock. It identifies objects and events and sends instant notifications and alarms based on rules and unusual activity detection. Alta Aware helps your team focus on what really matters.

FEATURES

SYSTEM

- Unlimited cameras per site
- Unlimited Cloud Connectors per site
- Up to 200 cameras per Cloud Connector

DEVICE SUPPORT

- Avigilon Alta cameras
- Automatic device discovery
- Third-party IP cameras & encoders
- H.264 video compression
- MJPEG video compression
- JPEG2000 video compression

STREAMING

- Dynamic stream selection

SEARCH

- Search by similarity
- Search by physical characteristics
- Search by event
- Search by image
- Search across all video
- Face Search (US only, based on location)
- Playback timeline with embedded thumbnails
- Smart Presence

PERVASIVE VIDEO ANALYTICS

- Unusual event detection
- People counting
- Vehicle counting
- Forensic investigation
- Intrusion detection
- Real-time notifications and alerts
- Audio analytics
- Spotlight

SECURITY AND PRIVACY PROTECTION

- HTTPS camera connectivity
- SRTP support
- AES video encryption
- Digital watermarking against tampering
- RISIP over TLS

CLIENT

- Intuitive and powerful interface
- HTML5 web client and mobile app
- Saved views
- Interactive maps
- Multi-camera export

OTHER FEATURES

- Email event notification
- Rule triggers
- Self-learning video analytics event configuration
- Analytics configuration

ORDERING INFORMATION

ALTA AWARE

PRODUCT FAMILY	PID	PRODUCT DESCRIPTION
Alta Aware	AWA-CLD-1Y	1-year subscription per camera to Alta Aware. Real-time video-analytics
Alta Aware	AWA-CLD-3Y	3-year subscription per camera to Alta Aware. Real-time video-analytics
Alta Aware	AWA-CLD-5Y	5-year subscription per camera to Alta Aware. Real-time video-analytics

To learn more, visit:
www.avigilon.com



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Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

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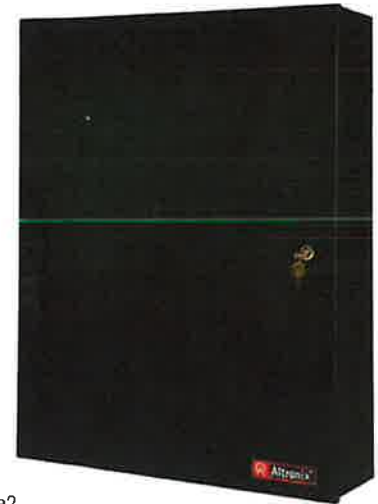
Trove2

Rev. 05242021

Versatile Access & Power Integration Enclosure



Altronix Trove2 can house Altronix backplanes which accommodate various combinations of access controllers and accessories from the industry's leading manufacturers with or without Altronix power supplies and accessories for access systems. Trove systems simplify board layout and wire management, reducing installation time and labor costs.



Trove2

Specifications

Features

- 16 AWG powder coated steel.
- Convenient knockout configuration:
 - One (1) single knockout 2.415" (2" Conduit).
 - Sixteen (16) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit).
- Includes cam lock, tamper switch and mounting hardware.

Agency Listings

- UL: UL 294 Access Control Unit Accessory Enclosure.
- cUL: cUL Listed For CSA Standard C22.2 No.205-M1983, Signal Equipment.
- CE European Conformity

Capacity

- Accommodates up to four (4) 12VDC/7AH batteries.

Physical and Environmental

- Dimensions (H x W x D)
27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm).
- Product Weight 29.1 lb. (13.2 kg).
- Shipping Weight 35.1 lb. (15.9 kg).



Trove2
Versatile Access & Power Integration Enclosure



Optional Backplanes

Backplane Model	Backplane with Enclosure Model	Manufacturer	Dimensions (H x W x D)
TAG2	TROVE2AG2	AMAG M4000	25.375" x 19.375" x 0.3125" (644.5mm x 492.1mm x 8mm)
TAM2	TROVE2AM2	AMAG M2510	
TBH2	TROVE2BH2	Bosch	
TBL2	TROVE2BL2	Universal Blank Backplane	
TCV2	TROVE2CV2	CDVI	
	TROVE2PH2	Openpath	
TDM2	TROVE2DM2	DMP Wiegand	
THC2	TROVE2HC2	Hartmann	
THN2	TROVE2HN2	Honeywell NetAXS	
THW2	TROVE2HW2	Honeywell ProWatch and WinPak	
TKA2	TROVE2KA2	Keyscan	
TKH2	TROVE2KH2	Kantech	
TKS2	TROVE2KS2	Keri Systems	
TM2	TROVE2M2	Mercury	
TPX2	TROVE2PX2	Paxton Net2 Plus	
TSA2	TROVE2SA2	Salto	
TSH2	TROVE2SH2	Software House Pro and Ultra	
TSL2	TROVE2SL2	Sielox	
TSS2	TROVE2SS2	LenelS2	
TV2	TROVE2V2	HID Vertx	
TZ2	TROVE2Z2	ZKTeco	

Optional Door Backplanes

Backplane Model	Manufacturer	Dimensions (H x W x D)
TBHD2	Bosch	23.75" x 18.125" x 0.3125" (603.3mm x 460.4mm x 8mm)
TDMD2	DMP Control Panels and Expansion Modules	
THWD2	Honeywell ProWatch and WinPak	
TMV2	Mercury and HID Vertx	



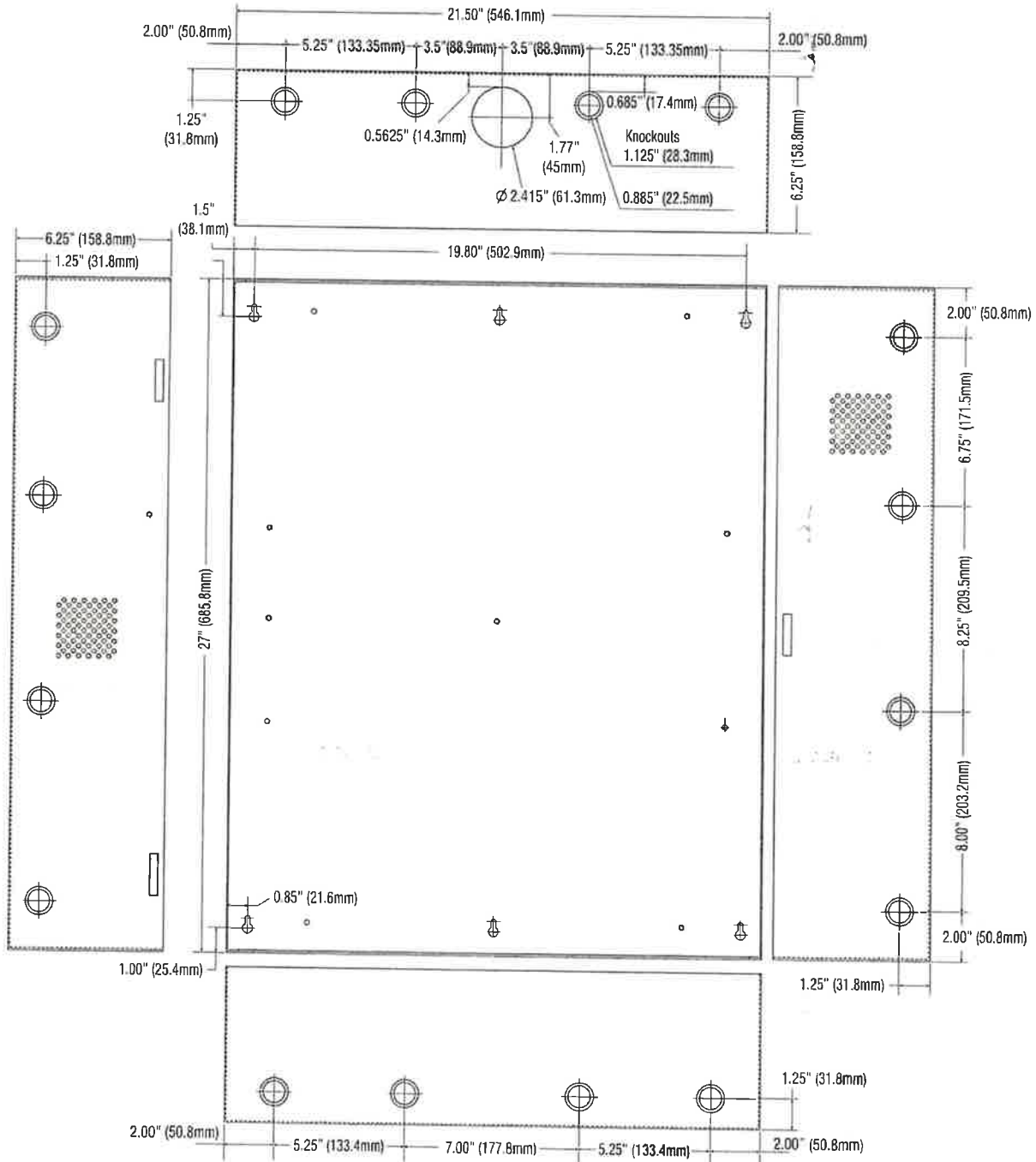
Trove2

Versatile Access & Power Integration Enclosure



Dimensions and Drawing

Dimensions (H x W x D approximate)
 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm)





eFlow104NB

Power Supply/Charger Board



Altronix eFlow104NB UL Listed Sub-Assembly power supply/charger converts a 120VAC, 60Hz input into a single 24VDC output. It also offers a suite of features that includes fire alarm disconnect, overvoltage protection, and low power disconnect which prevents deep discharge of stand-by batteries.



eFlow104NB

Specifications

Input

Voltage 120VAC, 60Hz, 4.5A max.
 Input Fuse 6.3A/250V

Outputs

Voltage 24VDC
 Current 10A continuous max.
 Auxiliary Power-limited @ 1A (unswitched)
 Other Overvoltage protection
 Filtered and regulated

Battery Charging

Type Sealed lead acid or gel type
 Fuse Rating 15A/32V
 Failover Upon AC loss, instantaneous
 Batteries are sold separately

Fire Alarm Disconnect

Supervised Latching or non-latching
 EOL 10K Resistor

Supervision

AC Failure Form "C" contacts
 Battery Form "C" contacts

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 70-75% for 24V units (depending on the power supply)
 Prevents deep battery discharge

Indicators (LED)

Input 120VAC is present
 DC Output Powered

Agency Listings

UL:

UL294 Access Control System Units
 UL603 Power Supplies for Use with Burglar-Alarms Systems
 UL1481 Power Supplies for Fire Protective Signaling Systems

cUL:

ULC-S318-96 Burglar Alarm
 ULC-S319-05 Access Control
 CSA C22.2 No.205 Signal Equipment

Physical and Environmental

Dimensions (L x W x H)

Board: 8.25" x 4.56" x 1.5" (209.5mm x 115.8mm x 38.1mm)
 Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)

Weight (approx.)

Product Weight: 1.1 lb. (0.5 kg)
 Shipping Weight: 1.25 lb. (0.57 kg)

Temperature

Operating: 0°C to 49°C (32°F to 120°F)
 Storage: - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.) 123 BTU/Hr.

Lifetime Warranty



eFlow104NB

Power Supply/Charger Board

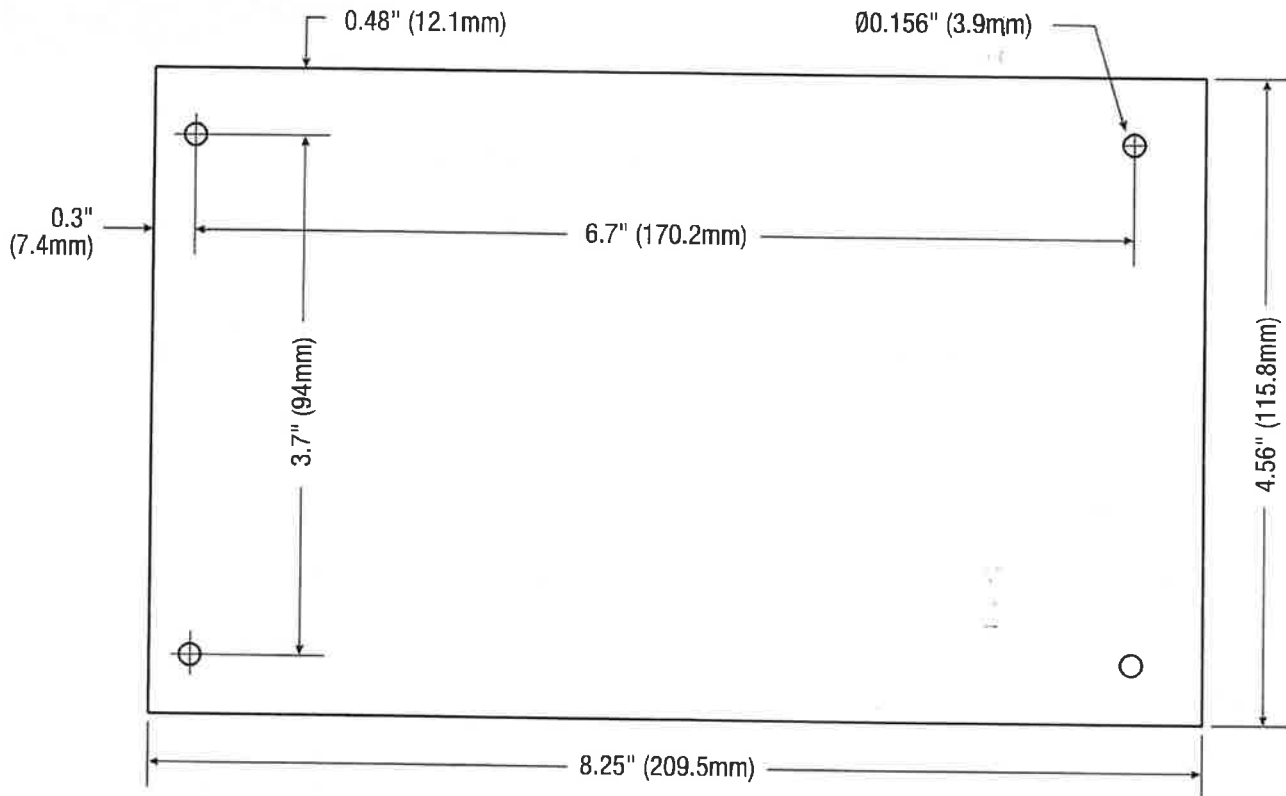


Dimensions and Drawing

Board Dimensions (L x W x H approximate)

8.25" x 4.56" x 1.5" (209.5mm x 115.8mm x 38.1mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm)



Accessories (order separately)



LINQ2

LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email

Lifetime Warranty



ACM8

Multi-Output Access Power Controller

Altronix ACM8 converts one (1) 12 to 24 volt AC or DC input into eight (8) independently controlled fuse protected outputs. These power outputs can be converted to dry form "C" contacts. Outputs are activated by an open collector sink or normally open (NO) dry trigger input from an Access Control System, Card Reader, Keypad, Push Button, PIR, etc. ACM8 will route power to a variety of access control hardware devices including Mag Locks, Electric Strikes, Magnetic Door Holders, etc. Outputs will operate in both Fail-Safe and/or Fail-Secure modes.

This unit is designed to be powered by one common power source which will provide power for both the board operation and locking devices, or two (2) totally independent power sources, one (1) providing power for board operation and the other for lock / accessory power. The FACP Interface enables Emergency Egress, Alarm Monitoring, or may be used to trigger other auxiliary devices. The fire alarm disconnect feature is individually selectable for any or all of the eight (8) outputs.



ACM8

Specifications

Input

Voltage:

12 to 24 VAC or VDC operation (setting not required),
0.6A @ 12V, 0.3A @ 24V current consumption
with all relays energized
Main fuse is rated at 10/250VA

Trigger Inputs:

Eight (8) Access Control System trigger inputs:
a) Eight (8) normally open (NO) inputs
b) Eight (8) open collector sink inputs
c) Any combination of the above

Input Options:

a) One (1) common power input (board and lock power)
b) Two (2) isolated power inputs (one (1) for board power
and one (1) for lock/accessory power)

Outputs

Eight (8) independently controlled 2.5A outputs:
a) Eight (8) Fail-Safe and/or Fail-Secure power outputs
b) Eight (8) dry form "C" 5A rated relay outputs.
c) Any combination of the above

Eight (8) auxiliary power outputs (unswitched)

Output Ratings:

Output fuses are rated 3.5A/250V each

Note: Total output current is determined by the power supply,
not to exceed a maximum of 10A total

Indicators (LED)

Red LEDs
Green LED

Outputs are triggered (relays energized)
FACP disconnect is triggered

Agency Listings

UL:

UL294

Access Control

cUL:

General Signaling Equipment Evaluated
to CSA Standard C22.2 No.205-M1983

Physical and Environmental

Dimensions (L x W x H)

Board:

8" x 4" x 0.75" (203.2mm x 114.3mm x 19.1mm).

Shipping:

10" x 8" x 4" (254mm x 203.2mm x 101.68mm)

Weights (approx.)

Product Weight: 0.65 lb. (0.29 kg).

Shipping Weight: 0.85 lb. (0.39 kg).

Temperature

Operating: 0°C to 49°C (32°F to 120°F)

Storage: -20°C to 70°C (-4°F to 158°F)

Relative Humidity

85% +/- 5%

BTU/Hr (approx.):

4 BTU/Hr.

Mounting hardware included

Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

AVIGILON™ Access Control Core

Expandable Access Control for the Modern Workplace



Some hardware may show the Openpath logo.

OP-CR-ACC

Alta access combines sleek hardware with an app, enabling employees to enter the building using their smartphone. This Access Control Core works with expansion boards to securely make all entry decisions. Take advantage of Alta's touchless access control, fast and reliable Triple Unlock and seamless installation. The Access Control Core stores all cloud configuration locally in order to remain fully functional in the event of an Internet outage. It supports up to 16 entries by connecting up to two expansion boards easily via USB and has a lifetime warranty.



100% Remote Cloud Management

Do more with less by securely and easily connecting to the cloud for remote system management, diagnostics, and communication.



Premium Hardware for Best Performance

The Access Control Core features a next generation hardware platform with faster processing speeds, more RAM, and better support for our 64-bit operating system and future capabilities.



Easy Management with Smart Monitoring

Network and device monitoring systems built in to ensure a smooth experience for our users, with remote diagnostic and troubleshooting capabilities to resolve any issues with ease.



Lifetime Limited Warranty

Take advantage of the peace of mind knowing that Avigilon stands behind its access control hardware with a lifetime limited warranty, guaranteeing the ultimate quality for your security solution.



Simplified Installation

Supports wireless configuration via the Open Admin app using bluetooth with interoperability to integrate with physical on-premise systems and logical software-based systems.

For more information, visit avigilon.com/access-control/access-control-core-board-op-acc.

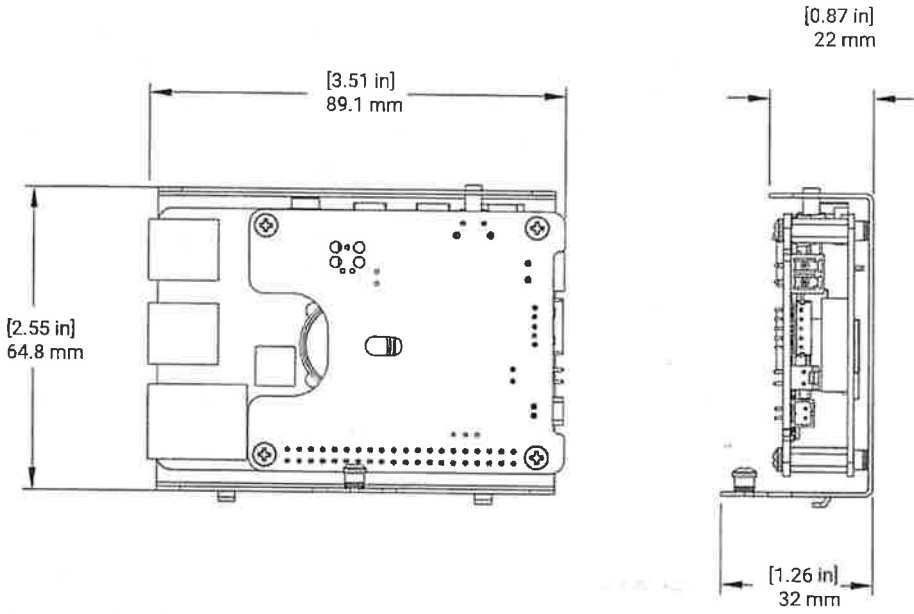
Specifications

System		
Access Control	Entries	Expansion Board Connections
	Up to 8 entries	2 Avigilon 4-Port Expansion Boards
	Up to 12 entries	1 Avigilon 4-Port Expansion Board and 1 Avigilon 8-Port Expansion Board
	Up to 16 entries	2 Avigilon 8-Port Expansion Boards
Communication Ports	10/100/1000 baseT Ethernet 2 USB 2.0 ports and 2 USB 3.0 ports for expansion board connections	
Backup Battery	CR2032 3V, replace every two years	
Tamper Input	Connects to tamper switch to detect opening of enclosure	
LED Output	Future use	

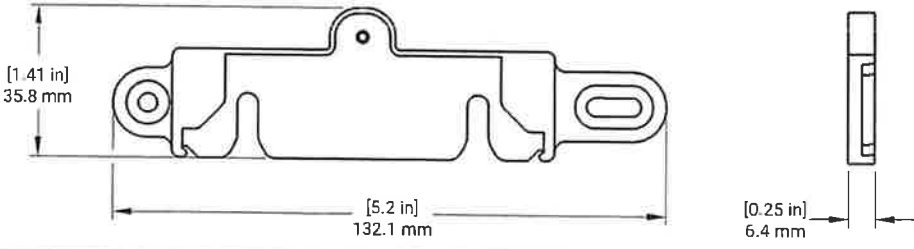
Mechanical

Dimensions

Access Control Core:



Mounting bracket:
 Optional in SYS-4ENT-DVE1, SYS-8ENT-DVE2, and SYS-ELEV-SVE1 models
 Required in SYS-8ENT-DVE4 and SYS-16ENT-DVE6 models



Weight

Access Control Core: 2 oz (57 g)

Electrical	
Input Voltage	12-24VDC, 0.4A @ 12V, 0.2A @ 24V with cuttable jumper
Operating Voltage	12-24VDC
Operating Current	0.7A @ 12VDC, 0.4A @ 24VDC

Environmental	
Operating Temperature	0° to 50°C (32° to 122°F)
Operating Humidity	5% to 85% relative, non-condensing

Certifications	
CE (Europe), IC (Canada), FCC (United States), RoHS, UKCA (United Kingdom), UL294, WEEE	

Ordering Information

Part Number	Description
OP-CR-ACC	Avigilon Access Control Core with support for 2 expansion boards

Support

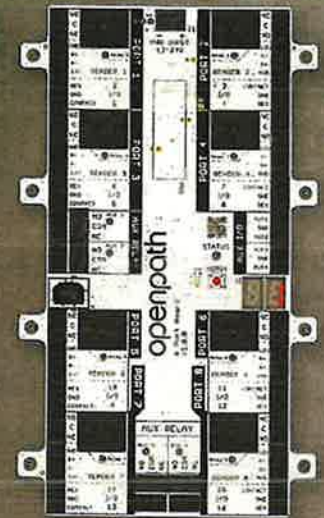
For more information, visit avigilon.com or sales@avigilon.com for product support.



AVIGILON™

4-Port and 8-Port Expansion Boards

Expandable Access Control for the Modern Workplace



Some hardware may show the Openpath logo.

OP-EX-4E, OP-EX-8E

The Avigilon 4-Port and 8-Port (shown above) Expansion Boards connect to the Avigilon Access Control Core and support either four or eight entries and readers. The Expansion Boards work with the Access Control Core to securely make all entry decisions and include primary ports for Avigilon Smart Readers, relays, request-to-exit (REX) sensors, and contact sensors.



Simplified Install

Easy to install, using industry standard RS-485 signaling to communicate with Smart Readers over standard wiring, and USB to connect to the Access Control Core. The Expansion Board features removable contact terminal blocks for easier wiring.



Fast, Plug-and-Play Setup

Pre-assigned input ports for contact sensors and REX devices streamline setup. Configurable auxiliary input/output pins provide extra connections for Wiegand devices or additional sensors.



Smart Monitoring

EOL monitoring with single or double termination on all REX, contact and auxiliary inputs supported with user-installed 1K resistors.



Easily Scalable

Extend your system to connect more entries and devices by adding Expansion Boards to the Access Control Core.



Powerful Cloud Management

Do more with less, securely and easily, by leveraging the cloud for remote system management, diagnostics, and communication.



Lifetime Limited Warranty

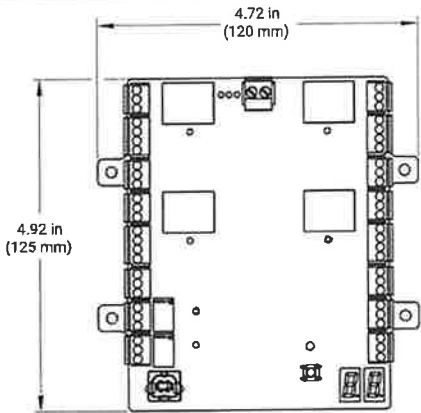
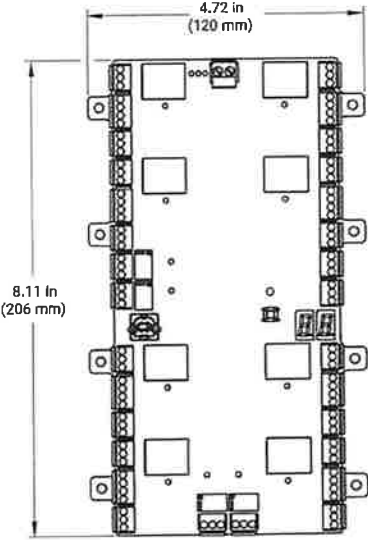
Ensure peace of mind, knowing that Avigilon stands behind its access control hardware with a lifetime limited warranty, guaranteeing the quality of your security solution.

For more information, visit avigilon.com/access-control/4-port-board-op-4ex4 and avigilon.com/access-control/8-port-board-op-8ex8.

Specifications

Interfaces	OP-EX-4E	OP-EX-8E
Reader Ports	4 RS-485 for Avigilon Smart Readers	8 RS-485 for Avigilon Smart Readers
Relay Ports	4 dry relay	8 dry relay
REX and Contact Ports	4 REX and 4 contact	8 REX and 8 contact
Aux Relay Ports	2 dry relay	4 dry relay
Aux I/O Ports	4 input/output	
USB Ports	1 USB port to communicate with the Access Control Core	

General		
LED Indicators	Board power on or off, board ID number, connection status to Access Control Core	
Power	0.5A @ 12VDC 0.3A @ 24VDC	0.6A @ 12VDC 0.3A @ 24VDC
Exclude operating current for attached readers		

Dimensions		
Device Only		
Weight	0.26 lbs (122 g)	0.5 lbs (227 g)

Environmental	
Temperature	Operating Temperature: 0°C (32°F) to 50°C (122°F)
Humidity	Operating Humidity: 5% to 85% relative, non-condensing
Operating temperature must not be exceeded.	

Regulatory	
Certifications	FCC (United States), IC (Canada), CE (Europe), UL 294
Compliance	NDAA, TAA



Warranty

Avigilon Alta Access Warranty Lifetime limited; for more information, visit [avigilon.com/support/warranty](https://www.avigilon.com/support/warranty)

Ordering Information

Part Number	Description
OP-EX-4E	Avigilon 4-Port Expansion Board
OP-EX-8E	Avigilon 8-Port Expansion Board

Support

For more information, visit [avigilon.com](https://www.avigilon.com) or sales@avigilon.com for product support.

AVIGILON™ Smart Readers

Expandable Access Control for the Modern Workplace



Some hardware may show the Openpath logo

OP-R2X-STND, OP-R2X-MULL

The Avigilon Smart Reader leverages industry-leading security combined with an elegant design that will enhance any door and office environment. The Smart Reader v2 is a multi-technology reader that supports mobile and card credentials, and low (125 kHz) and high (13.56 MHz) RFID frequencies. The Avigilon Smart Readers are available in a Standard or Mullion form-factor, making them ideal for any entry. They work seamlessly with the cloud-native Avigilon Alta Control Center, providing visibility and management from anywhere.



Get Up and Running Faster

Sleek form factor is easy to mount and install with standard electric wiring. Flexible mounting options to suit a variety of deployment needs, indoors and out.



Easy Management and Monitoring

Software runs in the cloud for easy, secure access and remote monitoring, without the need for local servers. Built-in diagnostics and real-time troubleshooting insights streamline management.



Intuitive Design

Multiple LEDs provide visual indicators of Reader state, displaying conditions for configurations and connectivity as well as access and entry status.



Fast, Reliable Mobile Access

Patented Triple Unlock with Bluetooth, WiFi and cellular data ensures reliable unlocks, with mobile credential options like Wave to Unlock, and mobile or watch app.



Protected and Fail Safe

Tamper resistant, and designed to withstand power failures and internet outages. Readers store no data, and encrypted end-to-end communication and strong public-key cryptography to keep everything protected.



Lifetime Limited Warranty

Ensure peace of mind, knowing that Avigilon stands behind its access control hardware with a lifetime limited warranty, guaranteeing the quality of your security solution.

For more information, visit avigilon.com/access-control/standard-smart-reader and avigilon.com/access-control/mullion-smart-reader.

Specifications

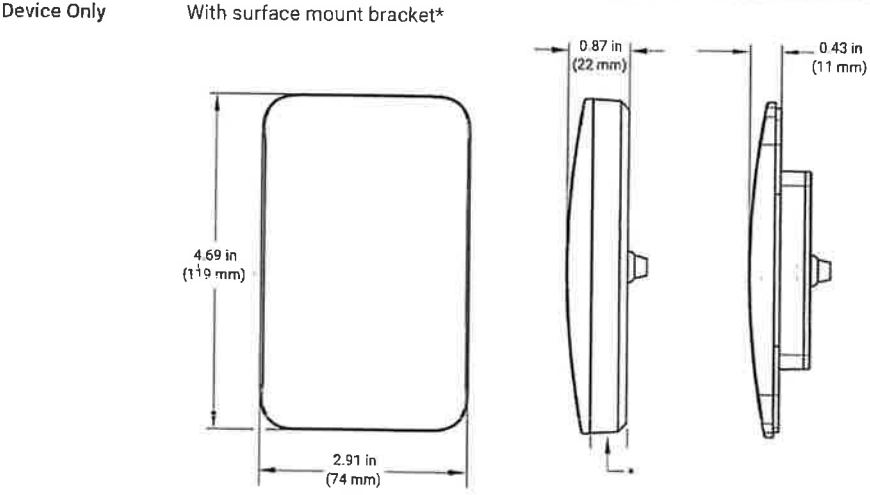
Compatibility	
Mobile Credential	Bluetooth LE NFC (Android only) Auto Proximity Unlock Wave to Unlock Supported on iOS and Android™ compatible devices
High-Frequency (13.56 MHz) Cards and Fob*	Avigilon DESFire® EV3 Smart Card Avigilon MIFARE® Classic 1K Fob MIFARE Classic, DESFire, Ultralight (ISO14443A) CSN
Low-Frequency (125 MHz) Card and Fob	Avigilon Proximity Card Avigilon Proximity Fob HID® Proximity™, ProxCard®, LenelProx®

*The discontinued Openpath EV1 and EV2 cards are still compatible. The EV3-A card is still referred to as the Openpath DESFire EV3 Smart Card. iOS is a trademark of Apple Inc. Android is a trademark of Google LLC.

General

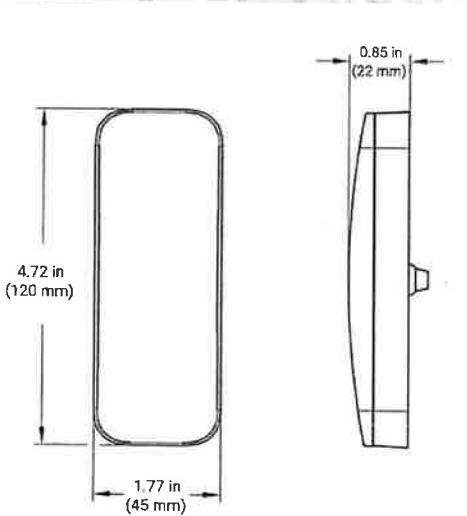
LED Indicators	Reader power on or off, user access granted or denied, entry or door locked or unlocked, provisioning and connection status to access control system
Wiring	RS-485 to connect to Avigilon expansion boards and Wiegand inputs for third-party devices Pigtail Length: 12 in (305 mm)
Power	0.25A @ 12VDC 0.12A @ 24VDC

Dimensions **OP-R2X-STND**



Flush mount in US gang box (recommended)

OP-R2X-MULL



Surface mount on wall or door frame



Dimensions		OP-R2X-STND	OP-R2X-MULL
Included Surface Bracket		None	
Weight	0.4 lbs (181 g)		0.32 lbs (145 g)
Color	Black White front cover (ordered separately)		Black

Environmental	
Temperature	Operating Temperature: -30°C (-22°F) to 60°C (140°F)
Humidity	Operating Humidity: 5% to 85% relative, non-condensing
IP Rating	Indoor and Outdoor: IP65 (IEC 60529)

Operating temperature must not be exceeded

Regulatory	
Certifications	FCC (United States), IC (Canada), CE (Europe), UKCA (United Kingdom), NOM (Mexico), BIS (India), UL 294, RoHS
Compliance	NDA, TAA

Warranty	
Avigilon Alta Access Warranty - Lifetime limited; for more information, visit avigilon.com/support/warranty	



Ordering Information

Part Number	Description
OP-RKP-MULL	Avigilon Smart Reader v2- Mullion Form Factor - Black
OP-RKP-STND	Avigilon Smart Reader v2 - Standard Form Factor - Black
OP-CVR-W	White Front Cover for Avigilon Smart Reader v2 - Standard Form Factor

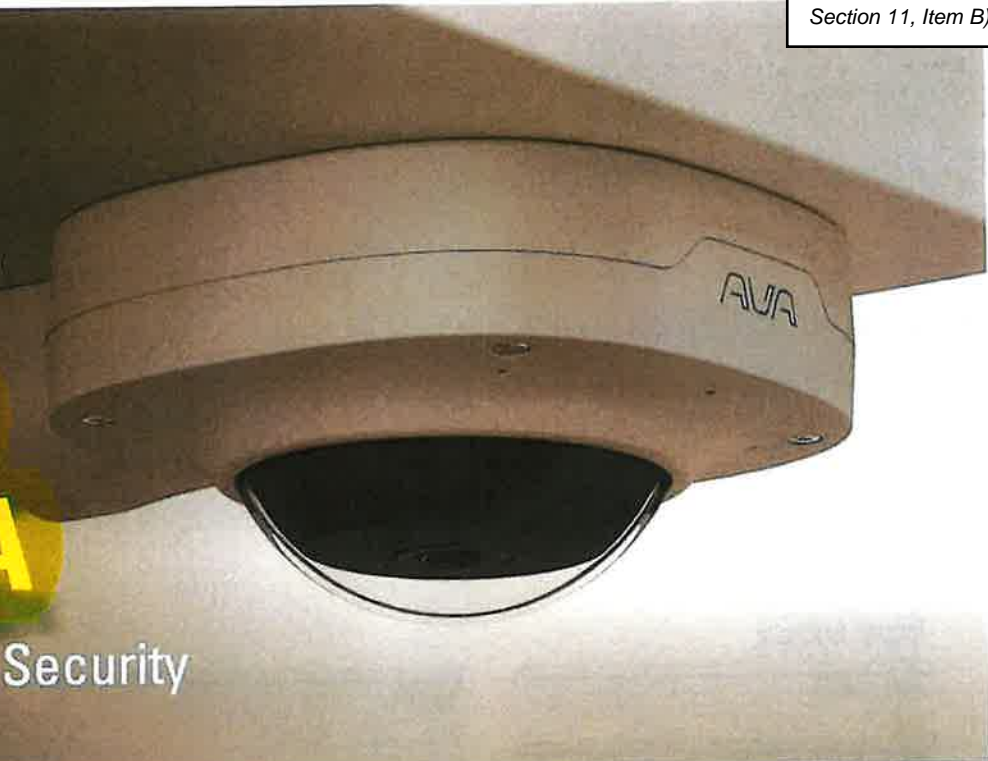
Support

For more information, visit avigilon.com or sales@avigilon.com for product support.

DATASHEET | AVIGILON AVA 360 CAMERA

AVIGILON™ AVA 360 CAMERA

Avigilon Alta Cloud Security



The AI-powered Avigilon Ava 360 Camera for Alta Aware provides 360° visibility, making it ideal for locations that require coverage in all directions. With a 12MP image sensor, IR illumination and HDR, the 360 Camera provides crisp, clear visibility even in challenging lighting conditions. On-camera storage and processing and cloud management minimize physical infrastructure, enabling plug and play configuration for fast deployments. Intelligent video and audio analytics help detect threats in real-time, and provide valuable insights to improve operations.



360° fisheye panoramic with IR



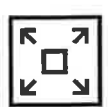
Built-in AI video and audio analytics and on-device storage



Versatile, robust and sleek, fit for both the harshest outdoor and discreet indoor setups



Factory-installed certificates backed by a trusted platform module (TPM)



12MP image sensor



NDA-Compliant* designed and developed in Norway and the UK, manufactured in Taiwan



FEATURES

IMAGE SENSOR

12MP

IMAGE SENSOR SIZE FORMAT

1/2.3"

LENS

Aperture: f/2.0

Fixed focus

Focus distance: 0.5m - ∞

IR NIGHT VISION

Automatic night mode

IR-cut filter

IR range: 20m

850 nm IR LED

MINIMUM ILLUMINATION IN COLOR MODE

0.4lux

FIELD OF VIEW

>180°

MAXIMUM RESOLUTION & FRAME RATE

3000x3000@30fps

DYNAMIC RANGE

Multi-exposure line-based HDR

VIDEO COMPRESSION

H.264

Motion JPEG

AUDIO

Microphone array (4x microphones)

AI audio event classification

Audio source localization

SECURITY

Factory-installed certificates

No default passwords

Mandatory access authentication

-HTTPS/TLS encryption

ONVIF

ONVIF® compliance Profile S Requires the camera to be set to ONVIF Mode (www.onvif.org)

NETWORK PROTOCOLS

IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP

Streaming: RTP/JDP, RTP/RTSP/HTTPS/ICP

POWER SOURCE

PoE+ (802.3at Type 2)

For installation only, USB-C (1.5A mode)

POWER CONSUMPTION

Typical: 5W

Max without heater: 13W

Max with heater: 23W

STORAGE

MicroSD

SDXC UHS-I

CONNECTION

802.3ah 10/100/1000 Gigabit Ethernet

USB-C for preview and setup

INSTALLATION AID

Automatic wall and ceiling detection

Flexible bracket, mounts to standard back boxes

Refer to technical drawing

IMPACT RESISTANCE

IK10 (IEC/EN 62262)

INGRESS PROTECTION

IP66 (IEC/EN 60529)

TEMPERATURE

Operating: -40°C to +50°C

Storage: -40°C to +60°C

PHYSICAL CHARACTERISTICS

Dimensions: 152x152x77mm

Weight: 1.1 kg

Body: Aluminum

EMC

EN 55032

EN 61000-3-2/-3

EN 55024

EN 55035

EN61000-6-2/-4

FCC Part 15B

ICES-003 Issue 6

SAFETY

IEC60950-1

IEC62368-1

IEC60950-22

UL/CSA60950-1

UL/CSA 62368-1

UL E164374

NCM-019

IEC62471(IR LED)

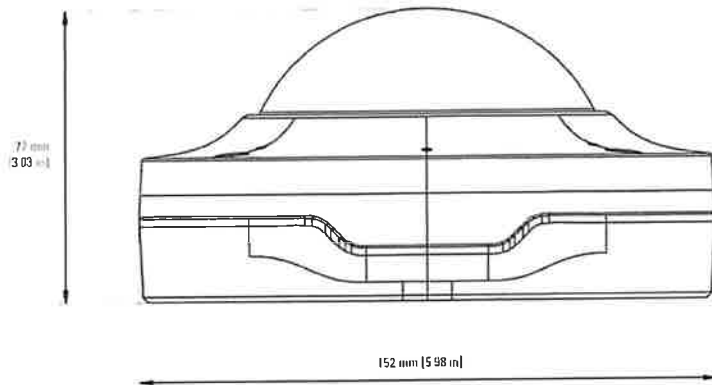
WARRANTY

10-year warranty with Avigilon license or 3-year warranty without

TECHNICAL DRAWINGS

Camera

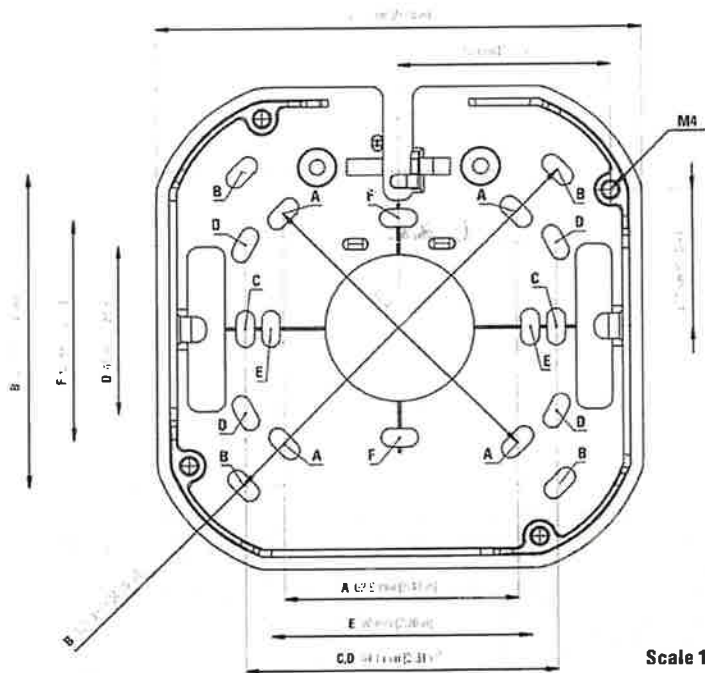
Side view



Scale 1:2

Mounting Bracket

Top view



DESIGNATION	DIMENSION (MM)	DIMENSION (INCH)
A	Octagon 62.9 x 62.9 (88.9 diagonal)	2.47 x 2.47 (3.50 diagonal)
B	4" Square Box 85.5 x 85.5 (120.9 diagonal)	3.36 x 3.36 (4.76 diagonal)
C	Single Gang 84.1	3.31
D	Double Gang 84.1 x 46	3.31 x 1.81
E	EU Ceiling Box 70	2.76
F	EU Outlet Box 60	2.36

ORDERING INFORMATION

AVIGILON AVA 360

PRODUCT ID	RESOLUTION	DEPLOYMENT	COLOR
360-W-30	30 days	Alta Aware Cloud	White
360-B-30	30 days	Alta Aware Cloud	Black
360-W-60	60 days	Alta Aware Cloud	White
360-B-60	60 days	Alta Aware Cloud	Black
360-W	No	Alta Aware on-prem	White
360-B	No	Alta Aware on-prem	Black

ACCESSORIES

PRODUCT ID	PRODUCT NAME	COLOR
ACC-PEN-CAP-W	Avigilon Ava Pendant Mounting Cap	White
ACC-PEN-CAP-B	Avigilon Ava Pendant Mounting Cap	Black
ACC-MNT-ARM-W	Avigilon Ava Wall Mount Arm	White
ACC-MNT-ARM-B	Avigilon Ava Wall Mount Arm	Black
ACC-PEN-HEA	Avigilon Ava Pendant Head	White
ACC-PEN-PIP	Avigilon Ava Pendant Pipe Adapter	White
ACC-POL-BRA-W	Avigilon Ava Pole Bracket	White
ACC-POL-BRA-B	Avigilon Ava Pole Bracket	Black
ACC-CRN-BRA-W	Avigilon Ava Corner Bracket	White
ACC-CRN-BRA-B	Avigilon Ava Corner Bracket	Black
ACC-CON-A34-W	Avigilon Ava Conduit Adapter 3/4"	White
ACC-CON-A34-B	Avigilon Ava Conduit Adapter 3/4"	Black

To learn more, visit:
www.avigilon.com



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AVIGILON™

AVA COMPACT DOME CAMERA

Avigilon Alta Cloud Security



The AI-powered Avigilon Ava Compact Dome Camera for Alta Aware packs powerful security into a discreet package, perfect for ensuring security in indoor environments. With up to 5MP resolution, HDR and IR illumination, the compact Dome security camera provides crisp, clear images even in challenging lighting conditions. On-camera storage and processing and cloud management minimize physical infrastructure, enabling plug and play configuration for fast deployments. Intelligent video and audio analytics help detect threats in real-time, and provide valuable insights to improve operations.



Fixed lens compact dome with IR



Built-in AI video and audio analytics and on-device storage



Versatile, lightweight, and fit for discreet indoor installations



Factory-installed certificates backed by a trusted platform module (TPM)



High resolution (5MP) and extreme low light performance (f/1.3)



NDA-Compliant* designed and developed in Norway and the UK, manufactured in Taiwan



FEATURES

IMAGE SENSOR

5MP (4:3)

IMAGE SENSOR SIZE FORMAT

1/2.7"

LENS

Focal length: 3.2mm

Aperture: f/1.3

Fixed focus

IR NIGHT VISION

Automatic night mode

IR-cut filter

IR range: 10m

650 nm IR LED

MINIMUM ILLUMINATION IN COLOR MODE

0.10Lux

FIELD OF VIEW

102° horizontal

71° vertical

MAXIMUM RESOLUTION & FRAME RATE

2688x1944@30fps

DYNAMIC RANGE

Multi-exposure line-based HDR

VIDEO COMPRESSION

H.264

Motion JPEG

AUDIO

Microphone array (4x microphones)

Audio classification

SECURITY

Trusted Platform Module (TPM 2.0)

Factory-installed certificates

No default passwords

Mandatory access authentication

HTTPS/TLS encryption

ONVIF

ONVIF® compliance Profile S. Requires the camera to be set to ONVIF Mode (www.onvif.org)

NETWORK PROTOCOLS

IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP

Streaming: RTP/UDP, RTP/RTSP/HTTPS/ICP

POWER SOURCE

PoE 802.3af

USB-C, installation only

POWER CONSUMPTION

Typical: 5W

Max: 8W

STORAGE

2x MicroSD

SDXC UHS-I

CONNECTION

802.3ab 10/100/1000 Gigabit Ethernet

USB-C for preview and setup

INSTALLATION AID

Mount template

Screws and wall plugs included

1/4-20 UNC standardized camera mount thread

ADJUSTMENT RANGE

Pan

Tilt

Roll

TEMPERATURE

Operating: 0°C to +40°C

Storage: -40°C to +60°C

PHYSICAL CHARACTERISTICS

Dimensions: 107x107x64mm

Weight: 280g

EMC

EN 55032

EN 61000-3-2/-3

EN 61000-6-4

IEC 61000-4-2/-3/-4/-5/-6/-8

CISPR 32

AS/NZS CISPR 32

FCC Part 15B

ICES-003 Issue 6

SAFETY

IEC62368-1

UL62368-1

IEC62471

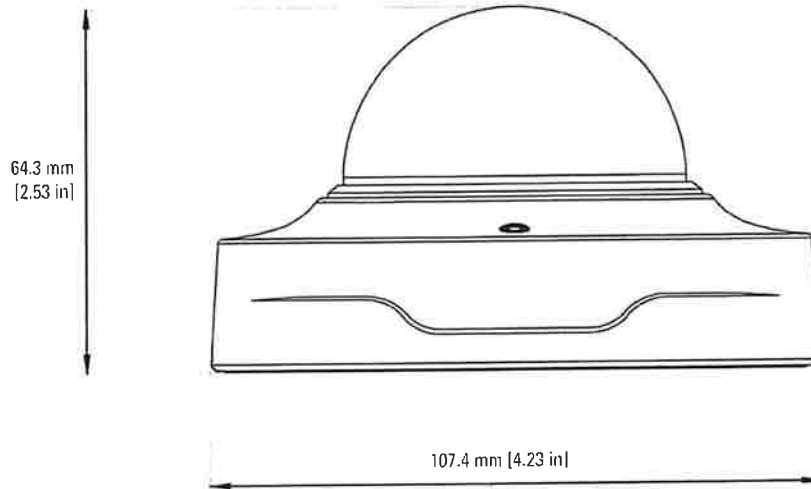
WARRANTY

10-year warranty with Alta Aware license or 3-year warranty without

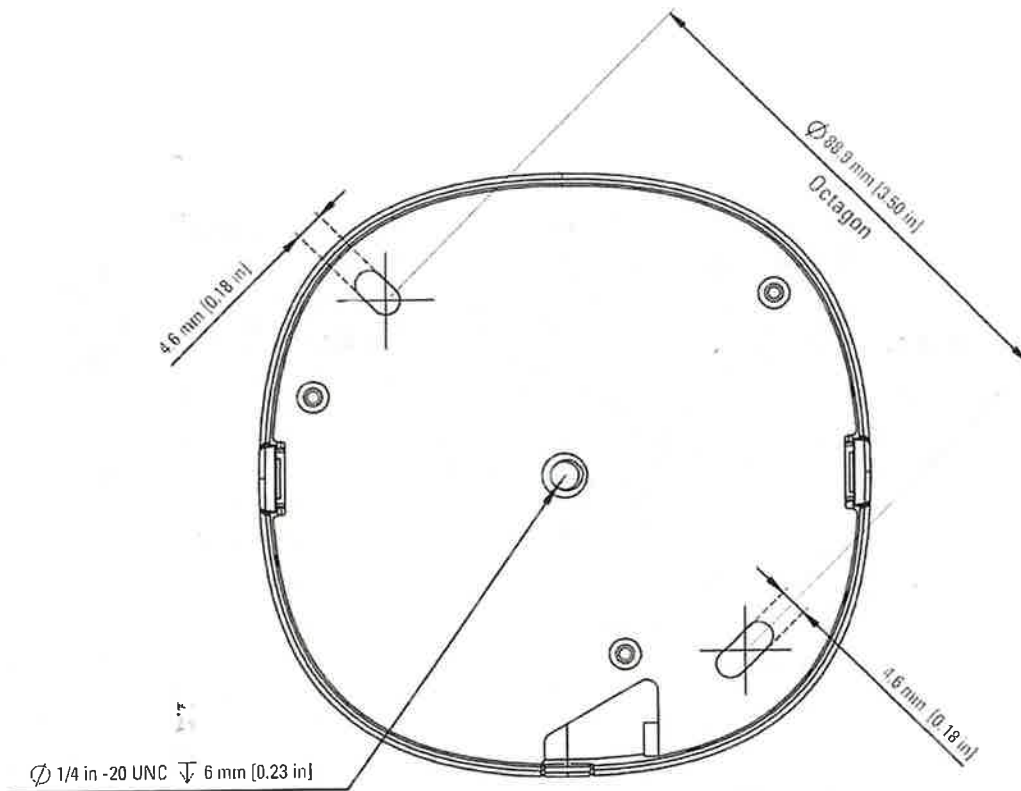
TECHNICAL DRAWINGS

Camera

Side view



Bottom view



ORDERING INFORMATION

AVIGILON AVA COMPACT DOME

PRODUCT ID	ONBOARD RETENTION	DEPLOYMENT	COLOR
COMPACTDOME-W-5MP-30	30 days	Alta Aware Cloud	White
COMPACTDOME-B-5MP-30	30 days	Alta Aware Cloud	Black
COMPACTDOME-W-5MP-60	60 days	Alta Aware Cloud	White
COMPACTDOME-B-5MP-60	60 days	Alta Aware Cloud	Black
COMPACTDOME-W-5MP-120	120 days	Alta Aware Cloud	White
COMPACTDOME-B-5MP-120	120 days	Alta Aware Cloud	Black
COMPACTDOME-W	No	Alta Aware on-prem	White
COMPACTDOME-B	No	Alta Aware on-prem	Black

ACCESSORIES

PRODUCT ID	PRODUCT NAME	COLOR
ACC-DPO-CD	Avigilon Ava Drop Ceiling Mount	N/A
ACC-POE-15W-US	Avigilon Ava PoE Injector 15W	Black
ACC-POE-15W-UK		
ACC-POE-15W-EU		

To learn more, visit
www.avigilon.com



AVIGILON

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com
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AVIGILON™

AVA DOME CAMERA

Avigilon Alta Cloud Security



The AI-powered Avigilon Ava Dome Camera for Alta Aware provides versatile, robust security in indoor and outdoor environments. With up to 4K resolution, remote zoom and focus, HDR and IR illumination, the Dome security camera provides crisp, clear images even in challenging lighting conditions. On-camera storage and processing and cloud management minimize physical infrastructure, enabling plug and play configuration for fast deployments. Intelligent video and audio analytics help detect threats in real-time, and provide valuable insights to improve operations.



Fixed IR dome with motorized zoom and focus



Built-in AI video and audio analytics and on-device storage



Versatile, robust and sleek, fit for both the harshest outdoor and discreet indoor setups



Factory-installed certificates backed by a trusted platform module (TPM)



Dynamic resolution up to 4K



NDA-Compliant* designed and developed in Norway and the UK, manufactured in Taiwan



FEATURES

IMAGE SENSOR

8MP (4K) or 5MP

IMAGE SENSOR SIZE FORMAT

1/1.8"

LENS

Focal length: 3.6-10mm

Aperture: f/1.5-f/2.8

Remote zoom and focus

IP iris

IR NIGHT VISION

Automatic night mode

IR cut filter

IR range: 30m

850 nm IR LED

MINIMUM ILLUMINATION IN COLOR MODE

0.15lux

FIELD OF VIEW

100°-97° Horizontal

53°-25° Vertical

MAXIMUM RESOLUTION & FRAME RATE 8MP

3840x2160@30fps

MAXIMUM RESOLUTION & FRAME RATE 5MP

3072x1728@30fps

DYNAMIC RANGE

Multi-exposure line-cased HDR

VIDEO COMPRESSION

H.264

Motion JPEG

AUDIO

Microphone array 4x omnidirectional

AI audio event classification

Audio source localization

SECURITY

Factory-installed certificates

No default passwords

Mandatory access authentication

HTTPS/TLS encryption

ONVIF

ONVIF® compliance Profile S. Requires the camera to be set to ONVIF Mode. (www.onvif.org)

NETWORK PROTOCOLS

IPv4, RTSP, TLS, DNS, mDNS, DNS-S, NTP, RTP, RTP/RTCP, IGMP, DHCP, ARP

Streaming: RTP/UDP, RTSP/RTSP/RTSP/RTSP/RTSP/RTSP

POWER SOURCE

PoE (802.3at Type 2)

(for installation only: USB-C (1.5A mode))

POWER CONSUMPTION

Typical: 5W

Max without heater: 13W

Max with heater: 22W

STORAGE

MicroSD

SDXC UHS-I

CONNECTION

802.3ah 10/100/1000 Gigabit Ethernet

USB-C for preview app setup

INSTALLATION AID

Electronic level or

Flexible bracket, mounts to standard flat surfaces

Refer to technical drawing

ADJUSTMENT RANGE

Pan

Tilt

Zoom

IMPACT RESISTANCE

IK10 (IEC/EN 62262)

INGRESS PROTECTION

IP66 (IEC/EN 60529)

TEMPERATURE

Operating: -40°C to +50°C

Storage: -40°C to +60°C

PHYSICAL CHARACTERISTICS

Dimensions: 152x152x95mm

Weight: 1.2kg

Body: Aluminum

EMC

EN 55032

EN 61000-3-2/3

EN 55024

EN 55035

CISPR 11:2017

EN 61000-6-2/4

FCC Part 15B

ICES-003 Issue 5

SAFETY

IEC60950-1

IEC62369-1

IEC60950-22

UL/CSA60950-1

UL/CSA 62369-1

UL E164374

NSM 013

IEC62171(1) LED

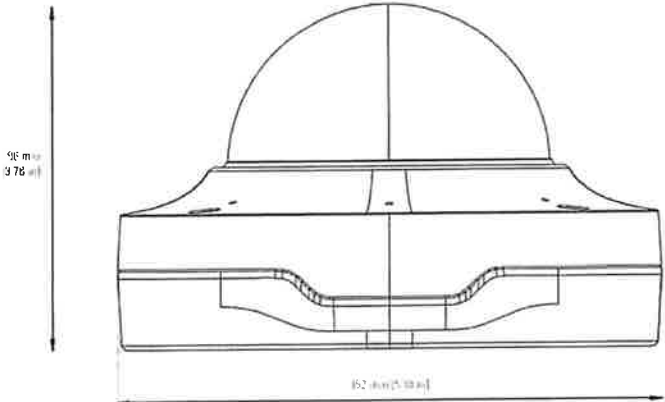
WARRANTY

10-year warranty with Alta Aware license or 3-year warranty without

TECHNICAL DRAWINGS

Camera

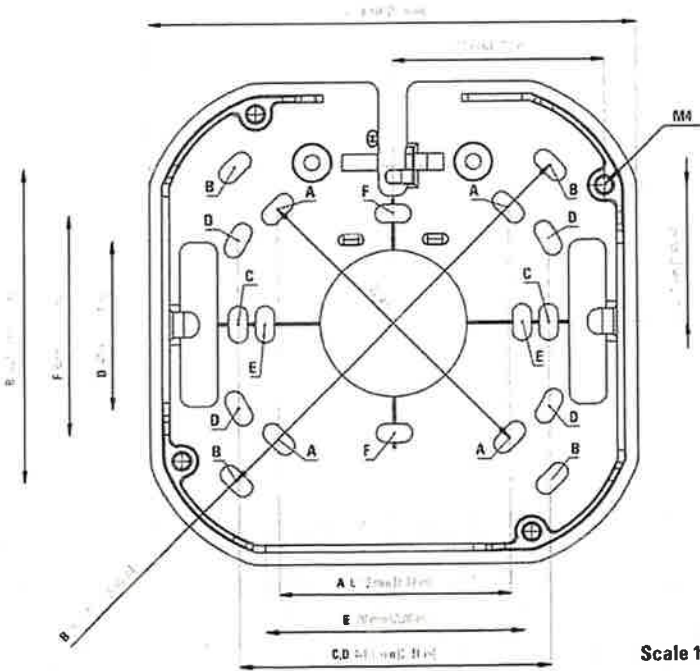
Side view



Scale 1:2

Mounting Bracket

Top view



Scale 1:2

DESIGNATION	DIMENSION (MM)	DIMENSION (INCH)
A	Octagon 62.9 x 62.9 (88.9 diagonal)	2.47 x 2.47 (3.50 diagonal)
B	4" Square Box 85.5 x 85.5 (120.9 diagonal)	3.36 x 3.36 (4.76 diagonal)
C	Single Gang 84.1	3.31
D	Double Gang 84.1 x 46	3.31 x 1.81
E	EU Ceiling Box 70	2.76
F	EU Outlet Box 60	2.36

ORDERING INFORMATION

AVIGILON AVA DOME

PRODUCT ID	RESOLUTION	ONBOARD RETENTION	DEPLOYMENT	COLOR
DOME-W-5MP-30	5MP	30 days	Alta Aware Cloud	White
DOME-B-5MP-30	5MP	30 days	Alta Aware Cloud	Black
DOME-W-5MP-60	5MP	60 days	Alta Aware Cloud	White
DOME-B-5MP-60	5MP	60 days	Alta Aware Cloud	Black
DOME-W-5MP-120	5MP	120 days	Alta Aware Cloud	White
DOME-B-5MP-120	5MP	120 days	Alta Aware Cloud	Black
DOME-W-4K-30	4K	30 days	Alta Aware Cloud	White
DOME-B-4K-30	4K	30 days	Alta Aware Cloud	Black
DOME-W-4K-60	4K	60 days	Alta Aware Cloud	White
DOME-B-4K-60	4K	60 days	Alta Aware Cloud	Black
DOME-W-5MP	5MP	No	Alta Aware on-prem	White
DOME-B-5MP	5MP	No	Alta Aware on-prem	Black
DOME-W	4K	No	Alta Aware on-prem	White
DOME-B	4K	No	Alta Aware on-prem	Black

ACCESSORIES

PRODUCT ID	PRODUCT NAME	COLOR
ACC-PEN-CAP-W	Avigilon Ava Pendant Mounting Cap	White
ACC-PLN-CAP-B	Avigilon Ava Pendant Mounting Cap	Black
ACC-MNT-ARM-W	Avigilon Ava Wall Mount Arm	White
ACC-MNT-ARM-B	Avigilon Ava Wall Mount Arm	Black
ACC-PEN-HEA	Avigilon Ava Pendant Head	White
ACC-PEN-FIP	Avigilon Ava Pendant Pipe Fitter	White
ACC-POI-BRA-W	Avigilon Ava Pole Bracket	White
ACC-POI-BRA-B	Avigilon Ava Pole Bracket	Black
ACC-CRN-BRA-W	Avigilon Ava Corner Bracket	White
ACC-CRN-BRA-B	Avigilon Ava Corner Bracket	Black
ACC-CON-A3M-W	Avigilon Ava Conduit Adapter 3/4"	White
ACC-CON-A3M-B	Avigilon Ava Conduit Adapter 3/4"	Black



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

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Feature	AVIGILON ALTA	
Support for 3rd Party Cameras	Yes	No
Need to Rip & Replace Existing Camera Investments	No	Yes
ONVIF Compliant Cameras that are Compatible with other VMS Systems	Yes	No
Able to Scale Storage Affordably	Yes	No
Low Latency	Yes	No
Low At-Rest Bandwidth Consumption	Yes (10-15kbps)	No (20-50kbps)
Smart Presence Map (Shows where people and vehicles are in real time)	Yes	No
Analytics on the Edge (Camera & Cloud Connector)	Yes	No
Occupancy Counting	Yes	No
Audio Analytics Built Into Cameras	Yes	No
People Analytics	Yes	Yes
Vehicle Analytics	Yes	Yes
Face Search	Yes	Yes
360 Fisheye Dewarping while keeping Analytics	Yes	No
License Plate Recognition	Yes	Yes
Smart Path to Stream Video Locally on LAN	Yes	No
Analytics for 3rd Party Cameras	Yes	No
Support for 3rd Party Sensors	Yes	No
Support for 3rd Party Access Control	Yes	No
Allows use of 3rd Party Cloud Storage	Yes	No
ISO27001 Certification	Yes	No
10 Year Camera Warranty	Yes	Yes
Industry Leading Lowest TCO (Total Cost of Ownership)	Yes	No

AGENCY CUSTOMER ID: 00012203

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

Page ____ of ____

AGENCY Risk Services of Louisiana		NAMED INSURED United Automation, LLC	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 **FORM TITLE:** Certificate of Liability Insurance: Notes

Cyber Liability: HSB Speciality Insurance Company
 Policy #: 661655301
 12/23/22-12/23/23
 Aggregate \$1,000,000

Blanket additional insured with regards to general liability, and auto liability as required by written contract. Coverage is Primary and Non-Contributory.
 Blanket waiver of subrogation with regards to general liability, auto liability, workers compensation as required by written contract. Umbrella is follow form basis. 30 Day notice of cancellation (10 days for nonpayment)

2022 Louisiana Laws
Revised Statutes
Title 38 - Public Contracts, Works and
Improvements
§38:2225. Preference in letting
contracts for public work

Universal Citation: LA Rev Stat § 38:2225 (2022)

RS 38:2225 - Preference in letting contracts for public work

A. If a nonresident contractor bidding on public work in the state of Louisiana is domiciled in a state that provides a percentage preference in favor of contractors domiciled in that state over Louisiana resident contractors for the same type of work, then every Louisiana resident contractor shall be granted the same preference over contractors domiciled in the other state favoring contractors domiciled therein whenever the nonresident contractor bids on public work in Louisiana.

B. Any local law, either by legislative act or otherwise, ordinance, or executive order enacted prior to the effective date of this Act, or enacted hereinafter in conflict with this Section, or granting any local contractor or subcontractor preference over other Louisiana resident contractors shall be contrary to the provision of this Section.

C. The Department of Transportation and Development and the office of facility planning and control within the division of administration shall keep on file a list of all states with a bid preference.

D. The provisions and requirements of this Section shall not be waived by any public entity.

Acts 1983, No. 43, §1, eff. June 17, 1983. Acts 1984, No. 894, §2; Acts 2014, No. 759, §1.

Disclaimer: These codes may not be the most recent version. Louisiana may have more current or accurate information. We make no warranties or guarantees about the accuracy, completeness, or adequacy of the information contained on this site or the information linked to on the state site. Please check official sources.



UNITED FIRE & CASUALTY COMPANY
118 Second Avenue SE, PO Box 73909
Cedar Rapids, Iowa 52407-3909 319-399-5700
(A Stock Company)

BID BOND

KNOW ALL BY THESE PRESENTS, that we
United Automation, LLC P.O. Box 607 West Monroe, LA 71294

as Principal, hereinafter called the Principal, and the UNITED FIRE & CASUALTY COMPANY, a corporation duly organized under the laws of the State of IOWA, as Surety, hereinafter called the Surety, are held and firmly bound unto City of Gluckstadt 343:Distribution Drive Madison, MS 39110

as Obligee, hereinafter called the Obligee, in the sum of 5% of Amount Bid Dollars (\$5% of Amount Bid), for the payment of which sum well and truly to be made, the said principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for
New CCTV and Access Control Systems for City of Gluckstadt Police Station and Courthouse

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or contract documents with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 23rd day of April, 2024.

United Automation, LLC P.O. Box 607 West Monroe, LA 71294

By [Signature] (Seal)
(PRINCIPAL)

President
(TITLE)

[Signature]
(WITNESS)

UNITED FIRE & CASUALTY COMPANY (Seal)
(SURETY)

By Randi Meche
(ATTORNEY-IN-FACT)

[Signature]
(WITNESS)

Randi Meche



UNITED FIRE & CASUALTY COMPANY, CEDAR RAPIDS, IA
UNITED FIRE & INDEMNITY COMPANY, WEBSTER, TX
FINANCIAL PACIFIC INSURANCE COMPANY, LOS ANGELES, CA
CERTIFIED COPY OF POWER OF ATTORNEY
(original on file at Home Office of Company – See Certification)

Inquiries: Surety Department
118 Second Ave SE
Cedar Rapids, IA 52401

KNOW ALL PERSONS BY THESE PRESENTS, That United Fire & Casualty Company, a corporation duly organized and existing under the laws of the State of Iowa; United Fire & Indemnity Company, a corporation duly organized and existing under the laws of the State of Texas; and Financial Pacific Insurance Company, a corporation duly organized and existing under the laws of the State of California (herein collectively called the Companies), and having their corporate headquarters in Cedar Rapids, State of Iowa, does make, constitute and appoint

RANDI MECHE, LISA MARROQUIN, LAUREN WOOD, ROBERT W. EPPERS, VLADIMIR CHEMADUROV, EACH INDIVIDUALLY

their true and lawful Attorney(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature provided that no single obligation shall exceed \$20,000,000.00 and to bind the Companies thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Companies and all of the acts of said Attorney, pursuant to the authority hereby given and hereby ratified and confirmed.

The Authority hereby granted shall expire the 26th day of February, 2026 unless sooner revoked by United Fire & Casualty Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

This Power of Attorney is made and executed pursuant to and by authority of the following bylaw duly adopted by the Boards of Directors of United Fire & Casualty Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

"Article VI – Surety Bonds and Undertakings"

Section 2, Appointment of Attorney-in-Fact. "The President or any Vice President, or any other officer of the Companies may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Companies in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attorney or special power of attorney or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Companies as the original signature of such officer and the original seal of the Companies, to be valid and binding upon the Companies with the same force and effect as though manually affixed. Such attorneys-in-fact, subject to the limitations set of forth in their respective certificates of authority shall have full power to bind the Companies by their signature and execution of any such instruments and to attach the seal the Companies thereto. The President or any Vice President, the Board of Directors or any other officer of the Companies may at any time revoke all power and authority previously given to any attorney-in-fact.



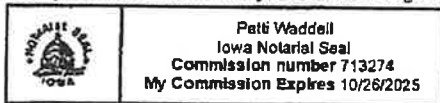
IN WITNESS WHEREOF, the COMPANIES have each caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 26th day of February, 2024

UNITED FIRE & CASUALTY COMPANY
UNITED FIRE & INDEMNITY COMPANY
FINANCIAL PACIFIC INSURANCE COMPANY

By: *Kyanna M. Saylor*
Vice President

State of Iowa, County of Linn, ss:

On 26th day of February, 2024, before me personally came Kyanna M. Saylor to me known, who being by me duly sworn, did depose and say; that she resides in Cedar Rapids, State of Iowa; that she is a Vice President of United Fire & Casualty Company, a Vice President of United Fire & Indemnity Company, and a Vice President of Financial Pacific Insurance Company the corporations described in and which executed the above instrument; that she knows the seal of said corporations; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporations and that she signed her name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



Patti Waddell
Notary Public
My commission expires: 10/26/2025

I, Mary A Bertsch, Assistant Secretary of United Fire & Casualty Company and Assistant Secretary of United Fire & Indemnity Company, and Assistant Secretary of Financial Pacific Insurance Company, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the bylaws and resolutions of said Corporations as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID CORPORATIONS, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

In testimony whereof I have hereunto subscribed my name and affixed the corporate seal of the said Corporations
this 23rd day of April, 2024



By: *Mary A Bertsch*
Assistant Secretary,
UF&C & UF&I & FPIC

BID TABULATION FORM

Project #: 24015

Bid Date: April 23, 2024

Time: 2:00 p.m.

Project Title: Gluckstadt PD Access Control & Camera Systems

Institution/Agency: City of Gluckstadt

Professional: Dean Architecture, PA

	Contractors	Base Bid	
1	<u>Unital Automations</u>	\$82,149.00	
	Certificate of Responsibility # _____		
	5% Bid Security: <u>Unital Fire</u>		
	Addenda Received: (#) (#) (#) (#)		
	Days: _____		
			<i>Rental</i>
			<i>\$32,149.00 5yr Rental</i>
			<i>\$64,297.00 10yr Rental</i>
			<i>\$ No Addendums Received</i>
2	<u>Bel Bond: Unital Fire</u>	\$134,797.80	
	<u>Prime Logic Inc.</u>		
	Certificate of Responsibility # <u>14746-SC</u>	\$145,857.60	<i>- 5 year Rental</i>
	5% Bid Security: <u>FCCI Insurance</u>	\$189,537.60	<i>- 10 year Rental</i>
	Addenda Received: (#) (#) (#) (#)		
	Days: _____		
3	<u>RJ Young</u>	\$100,942.52	
	Certificate of Responsibility # <u>15047579</u>	\$45,304.80	<i>- 5 year Rental</i>
	5% Bid Security: <u>7.312.37 - Pennwoods Steel</u>	\$90,657.60	<i>10 year Rental</i>
	Addenda Received: (#) (#) (#) (#) <u>Bel Bond</u>		
	Days: _____		
	Certificate of Responsibility # _____		
	5% Bid Security: _____		
	Addenda Received: (#) (#) (#) (#)		
	Days: _____		
	Certificate of Responsibility # _____		
	5% Bid Security: _____		
	Addenda Received: (#) (#) (#) (#)		
	Days: _____		



I certify that this is a correct tabulation of all bids received for this Project on the date stated above

Linda Keel
(Authorized Signature)

4/23/24
(Date)

BID TABULATION FORM

Project #: 24015

Bid Date: April 23, 2024

Time: 2:00 p.m.

Project Title: Gluckstadt PD Access Control & Camera Systems

Institution/Agency: City of Gluckstadt

Professional: Dean Architecture, PA

Contractors	Base Bid
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	
Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	

I certify that this is a correct tabulation of all bids received for this Project on the date stated above.

(Authorized Signature)

(Date)



SECTION 004100
BID FORM

THE PROJECT AND THE PARTIES

1.01 TO:

- A. Owner
 1. City of Gluckstadt, 343 Distribution Drive, Madison Mississippi, 39110

1.02 FOR:

- A. Project: Gluckstadt PD Access Control and Camera Systems

1.03 DATE: 4.22.2024 (BIDDER TO ENTER DATE)

1.04 SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)

- A. Bidder's Full Name Prime Logic Inc.
 1. Address 264.5 Veterans Memorial Blvd
 2. City, State, Zip Tupelo, MS. 38804

1.05 OFFER

- A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by Dean Architecture, P.A. for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:
- B. Base Bid: Bidding Contractor to submit the cost of the work as a lump sum amount to be contracted directly with The City of Gluckstadt including all purchased and supplied materials and labor to purchase and install necessary components of the Access Control and Camera Systems.
- C. 5 year Contract Bid: Bidding Contractor to submit the cost of a 5 year Cloud Based Contract Agreement with the City of Gluckstadt.
- D. 10 year Contract Bid: Bidding Contractor to submit the cost of a 10 year Cloud Based Contract Agreement with the City of Gluckstadt
- E. Base Bid: All avion parts, labor, and necessary licenses - excluding data drops for cameras dollars (\$ 124,797.80), in lawful money of the United States of America.
- F. 5 Year Contract: All avion parts, labor, and necessary licenses - excluding data drops for cameras dollars (\$ 145,857.60), in lawful money of the United States of America.
- G. 10 Year Contract: All avion parts, labor, and necessary licenses - excluding data drops for cameras dollars (\$ 189,537.60), in lawful money of the United States of America.
- H. We have included the required security deposit as required by the Instruction to Bidders.
- I. All applicable federal taxes are included and State of MS taxes are included in the Bid Sum.
- J. All Cash and Contingency Allowances described in Section 012100 - ALLOWANCES are included in the Bid Sum.

1.06 ACCEPTANCE

- A. This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.
- B. If this bid is accepted by Owner within the time period stated above, we will:
 1. Execute the Agreement within seven days of receipt of Notice of Award.
 2. Furnish the required bonds within seven days of receipt of Notice of Award.

- C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.
- D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

1.07 CONTRACT TIME

- A. If this Bid is accepted, we will:
- B. Complete the Work by the 15th day of August, 2024.

1.08 CHANGES TO THE WORK

- A. When Architect establishes that the method of valuation for Changes in the Work will be net cost plus a percentage fee in accordance with General Conditions, our percentage fee will be:
 - 1. Fifteen (15) percent overhead and profit on the net cost of our own Work;
 - 2. Ten (10) percent on the cost of work done by any Subcontractor.
 - 3. Markup for profit and overhead will not be allowed for items to be paid from project allowances identified in Section 012100.


1.09 ADDENDA

- A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the BidSum.
 - 1. Addendum # All Dated 4.22.24
 - 2. Addendum # _____ Dated _____
 - 3. Addendum # _____ Dated _____
 - 4. Addendum # _____ Dated _____

1.10 BID FORM SUPPLEMENTS

- A. The following Supplements are attached to this Bid Form and are considered an integral part of this Bid Form:
 - 1. Document 004336 - Proposed Subcontractors Form. Include the names of all Subcontractors and the portions of the Work they will perform.

1.11 BID FORM SIGNATURE(S)

- A. The Corporate Seal of
- B. Parma Logic Inc.
- C. (Bidder - print the full name of your firm)
- D. was hereunto affixed in the presence of:
- E. Damon Fishbe VP of Integrated Systems
- F. (Authorized signing officer, Title) 
- G. (Seal)

END OF BID FORM



Gluckstadt Police Department is facing several key issues as described in the RFP document.

1. Need for centrally managed standardized system across the enterprise
2. Improve operational visibility and physical security
3. Deploy Video Security and Access Control without use of NVR/DVR

Distributed enterprise camera deployments across such a wide footprint with existing and disparate systems can be especially challenging to navigate. We appreciate the opportunity to respond to the RFQ and look forward to partnering with you on this project and beyond. To achieve the stated goals, Avigilon Alta is the optimal solution available today. A cloud native solution from the Motorola Solutions ecosystem, Alta is purpose built for deployments of this type and will provide the security and operational insight this project demands. Alta’s industry leading analytics drive insight and proactively identify threats. This transition to the cloud will result in a lower total cost of ownership for the video system as compared to a traditional on-prem deployment.

Why Alta:

Cloud Native - Access the cloud based VMS from the browser or the mobile app.

How Alta is Different - Unlike many other cloud based video solutions, Avigilon Alta is an open and flexible platform. As a non-proprietary system Gluckstadt PD will have the ability to integrate other brands of camera in the future. Avigilon Alta features integrations with several access control solutions as well as environmental sensors. These integrations are made possible by the open API. This also gives Gluckstadt PD the freedom to use the Alta cameras on any other video management system in the future, without the need to rip and replace any existing camera assets.

Orchestrate - Integrate existing Motorola infrastructure (Apex radios, body cams, Command Central Aware, vehicle cams) with free Orchestrate workflow software.

Scalability - Simple camera enrollment makes adding cameras a hassle-free process.

Easy to use and manage - The intuitive user interface makes navigating the system easy and efficient for operators and administrators. Time spent on investigations will be cut dramatically with intelligent search and share functionality.

Simplify and scale system management with custom user groups and permissions across your organization. Leverage Active Directory Integration and Multi-factor authentication

Analytics Everywhere -Industry leading analytics provide advanced insight across the camera network on ALL cameras on the platform including 3rd party cameras. Object and anomaly detection, audio analytics, OCR, appearance search, occupancy counting, face match.



Secure - Secure, encrypted video along with automatic updates ensure the security of your video and camera system.

Reliable -Gluckstadt Police Department will be covered by our 10 year hardware warranty with advanced replacement RMA for all licensed cameras. Cloud Connectors are covered by a full 5 year warranty.

Smart Presence Maps - Our unique mapping feature enables sitemaps to be uploaded into the VMS and leverages our object detection to overlay icons representing the presence of people and vehicles to give additional situational awareness at a glance. Maps include camera views, alarm views, access control points and the ability to track and count people and vehicles.

Quotation



Prime Logic, Inc.
264 S Veterans Memorial Blvd
Tupelo, MS 38804
US

Client	Terms	Date	Quotation #
Gluckstadt Mississippi City of Gluckstadt 343 Distribution Drive Madison , MS 39110 US	NET 30	4/22/2024	39993

Avigilon - Avigilon

City of Gluckstadt 5 Year

QTY	ITEM	DESCRIPTION
28	Access Labor	Install Program Test
45	Camera Labor	Install Program Test
28	COMPACTDOME-W-5MP-30	Avigilon Compact Dome 5MP
10	DOME-W-5MP-30	Avigilon Dome 5MP
1	360-W-30	Avigilon 360
10	ACC-PEN-CAP-W	ACC-PEN-CAP-W
10	ACC-MNT-ARM-W	ACC-MNT-ARM-W
1	CX-92S-12	Camden Double Mag 1200 lbs
28	CX-EPD1289L	Camden Electric Strike
4	CX-30EE	Camden PTE
1	CM-RQE70A	Camden Motion to Exit
1	Avigilon Alta Hardware/Software	5 year Access Control Hardware/Software
1	Misc	Ties, Mounts, Hooks, Travel, Etc
39	AWA-CLD-5Y	5 Year Subscription

Total: \$145,857.60

20% Government Discount Added.

This quote includes all labor, material, and 5-year subscription licenses. This quote excludes all pathways and all data drops for the CCTV system. Options to add data/network drops are listed below.

City of Gluckstadt 10 Year

QTY	ITEM	DESCRIPTION
28	Access Labor	Install Program Test

<p>45 Camera Labor</p> <p>39 AWA-CLD-10Y</p> <p>28 COMPACTDOME-W-5MP-30</p> <p>10 DOME-W-5MP-30</p> <p>1 360-W-30</p> <p>10 ACC-PEN-CAP-W</p> <p>10 ACC-MNT-ARM-W</p> <p>1 Avigilon Alta Hardware/Software</p> <p>1 CX-92S-12</p> <p>28 CX-EPD1289L</p> <p>4 CX-30EE</p> <p>1 CM-RQE70A</p> <p>1 Misc</p>	<p>Install Program Test</p> <p>10 Year Subscription</p> <p>Avigilon Compact Dome 5MP</p> <p>Avigilon Dome 5MP</p> <p>Avigilon 360</p> <p>ACC-PEN-CAP-W</p> <p>ACC-MNT-ARM-W</p> <p>10 year Access Control Hardware/Software</p> <p>Camden Double Mag 1200 lbs</p> <p>Camden Electric Strike</p> <p>Camden PTE</p> <p>Camden Motion to Exit</p> <p>Ties, Mounts, Hooks, Travel</p>
--	---

Total: \$189,537.60

20% Government Discount added.

This quote includes all labor, material, and 10-year subscription licenses. This quote excludes all pathways and all data drops for the CCTV system. Options to add data/network drops are listed below.

Data

QTY	ITEM	DESCRIPTION	TOTAL
43	Data Drops	Network Drops	\$5,375.00

Total: \$5,375.00

Optional data drops if required for the CCTV system.

Grand Total: \$0.00

Agreement

LIST OF SERVICES PROVIDED AND THEIR PRICES

During the period of this Agreement, the Service Provider shall have the responsibility to perform and provide the products and/or services described in the attached estimate.

INVOICES

The Services are to be paid for per the payment terms outlined in the estimate. The Parties agree that the invoiced amounts must be paid within the specified time period after the Client receives the invoice.

TERM OF AGREEMENT

This Agreement shall be effective on the date of signing this Agreement (hereinafter referred to as the "Effective Date") and will end on project completion.

TERMINATION

This Agreement may be terminated in the event that any of the following occurs:

1. Immediately in the event that one of the Parties breaches this Agreement.
2. At any given time by providing written notice to the other party 30 days prior to terminating the Agreement.

Upon terminating this Agreement, the Client will be required to return all the Service Provider's products or any other content (if any) at his/her earliest convenience, but not beyond 30 days. This Agreement will automatically end upon the completion of the provision of the Services and payment.

RELATIONSHIP OF THE PARTIES

The Parties agree that this is a non-exclusive agreement and that the Parties are regarded as independent contractors.

ASSIGNMENT

The Parties are not entitled to assign the responsibilities that they have under this Agreement to anyone else, unless both Parties agree to the assignment and provide such agreement in writing.

ENTIRE AGREEMENT

This Agreement contains the entire agreement and understanding among the Parties to it with respect to its subject matter, and supersedes all prior agreements, understandings, inducements and conditions, express or implied, oral or written, of any nature whatsoever with respect to its subject matter. The express terms of the Agreement control and supersede any course of performance and/or usage of the trade inconsistent with any of its terms.

SEVERABILITY

In the event that any provision of this Agreement is found to be void and unenforceable by a court of competent jurisdiction, then the remaining provisions will remain in force in accordance with the Parties' intention.

GOVERNING LAW

This Agreement shall be governed by and construed in accordance with the laws of the state in which the Service Provider is incorporated.

ALTERNATIVE DISPUTE RESOLUTION

Any dispute or difference whatsoever arising out of, or in connection with, this Agreement shall be submitted to arbitration/mediation/negotiation (circle one) in accordance with, and subject to the laws of the state in which the Service Provider is incorporated.

AIA Document A310™ - 2010

Bid Bond

CONTRACTOR:
(Name, legal status and address)
Prime Logic, Inc.
264 S. Veterans Blvd.
Tupelo, MS 38804

SURETY:
(Name, legal status and principal place of business)
FCCI Insurance Company
6300 University Parkway
Sarasota, FL 34240

OWNER:
(Name, legal status and address)
The City of Gluckstadt
343 Distribution Drive
Madison, Mississippi 39110
BOND AMOUNT: \$ 5% of Bid

PROJECT:
(Name, location or address, and Project number, if any)
City of Gluckstadt Police Station & Municipal
Court Access Control and Camera Systems
Madison, Mississippi 39110

ADDITIONS AND DELETIONS:
 The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.



The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

1111

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When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 23rd of April, 2024

(Contractor as Principal) (Seal)
Prime Logic, Inc.

(Witness)

(Title)
Kyle Chandler IV
(Surety) (Seal)
FCCI Insurance Company



Natalie Wheeler
(Witness)
Natalie Wheeler

Kyle Chandler IV, Attorney in Fact
(Title)

Inti.

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User Notes:



GENERAL POWER OF ATTORNEY

Know all men by these presents: That the FCCI Insurance Company, a Corporation organized and existing under the laws of the State of Florida (the "Corporation") does make, constitute and appoint:

Danielle H Marshall; Kyle Chandler IV; Natalie Wheeler; James T Briggs II

Each, its true and lawful Attorney-In-Fact, to make, execute, seal and deliver, for and on its behalf as surety, and as its act and deed in all bonds and undertakings provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed the sum of (not to exceed \$20,000,000.00): \$20,000,000.00

This Power of Attorney is made and executed by authority of a Resolution adopted by the Board of Directors. That resolution also authorized any further action by the officers of the Company necessary to effect such transaction.

The signatures below and the seal of the Corporation may be affixed by facsimile, and any such facsimile signatures or facsimile seal shall be binding upon the Corporation when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached.

In witness whereof, the FCCI Insurance Company has caused these presents to be signed by its duly authorized officers and its corporate Seal to be hereunto affixed, this 23rd day of July, 2020.

Attest: Christina D. Welch
Christina D. Welch, President
FCCI Insurance Company



Christopher Shoucair
Christopher Shoucair,
EVP, CFO, Treasurer, Secretary
FCCI Insurance Company

State of Florida
County of Sarasota

Before me this day personally appeared Christina D. Welch, who is personally known to me and who executed the foregoing document for the purposes expressed therein.

My commission expires: 2/27/2027

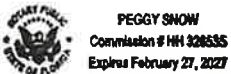


Peggy Snow
Notary Public

State of Florida
County of Sarasota

Before me this day personally appeared Christopher Shoucair, who is personally known to me and who executed the foregoing document for the purposes expressed therein.

My commission expires: 2/27/2027



Peggy Snow
Notary Public

CERTIFICATE

I, the undersigned Secretary of FCCI Insurance Company, a Florida Corporation, DO HEREBY CERTIFY that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore that the February 27, 2020 Resolution of the Board of Directors, referenced in said Power of Attorney, is now in force.

Dated this 23rd day of April, 2024

Christopher Shoucair
Christopher Shoucair, EVP, CFO, Treasurer, Secretary
FCCI Insurance Company

BID TABULATION FORM

Project #: 24015

Bid Date: April 23, 2024

Time: 2:00 p.m.

Project Title: Gluckstadt PD Access Control & Camera Systems

Institution/Agency: City of Gluckstadt

Professional: Dean Architecture, PA

	Contractors	Base Bid
1	<u>United Automation</u>	\$82,149.00
	Certificate of Responsibility # _____	
	5% Bid Security: <u>United Fire</u>	\$82,149.00 5yr Rental
	Addenda Received: (#) (#) (#) (#)	\$64,277.00 10yr Rental
	Days: _____	
2	<u>Bel Bond, United Fire</u>	\$134,797.80
	<u>Prime Logic Inc.</u>	
	Certificate of Responsibility # <u>14746-SC</u>	\$145,857.60 - 5 year Rental
	5% Bid Security: <u>FCCI Insurance</u>	\$189,537.60 - 10 year Rental
	Addenda Received: (#) (#) (#) (#)	
	Days: _____	
3	<u>RJ Young</u>	\$100,942.52
	Certificate of Responsibility # <u>15047579</u>	\$45,304.80 - 5 year Rental
	5% Bid Security: <u>7,312.37 - Bel Bond</u>	\$90,657.60 10 year Rental
	Addenda Received: (#) (#) (#) (#)	
	Days: _____	
	Certificate of Responsibility # _____	
	5% Bid Security: _____	
	Addenda Received: (#) (#) (#) (#)	
	Days: _____	
	Certificate of Responsibility # _____	
	5% Bid Security: _____	
	Addenda Received: (#) (#) (#) (#)	
	Days: _____	



I certify that this is a correct tabulation of all bids received for this Project on the date stated above.

Kindy Keel
(Authorized Signature)

4/23/24
(Date)

BID TABULATION FORM

Project #: 24015

Bid Date: April 23, 2024

Time: 2:00 p.m.

Project Title: Gluckstadt PD Access Control & Camera Systems

Institution/Agency: City of Gluckstadt

Professional: Dean Architecture, PA

Contractors	Base Bid
_____ _____ Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	_____
_____ _____ Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	_____
_____ _____ Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	_____
_____ _____ Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	_____
_____ _____ Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	_____
_____ _____ Certificate of Responsibility # _____ 5% Bid Security: _____ Addenda Received: (#) (#) (#) (#) Days: _____	_____

I certify that this is a correct tabulation of all bids received for this Project on the date stated above.

(Authorized Signature)

(Date)

NON-NEGOTIABLE

THE CITY OF GLUCKSTADT
343 DISTRIBUTION DRIVE
MADISON, MS 39110

TO:

TOTAL: \$7,312.37

ROBERT J YOUNG COMPANY, LLC
730 A FREELAND STATION ROAD
NASHVILLE, TN 37228

REMITTER:

BRANCH: 0419
ORIGINATOR: RBKATKINS
TIME: 11:50:16
CHANGE: \$7,312.37
REFERENCE: 0000000000

DATE: 4/17/2024

RJ YOUNG BID



Cashier's Check 1273278

⑈0001273278⑈ ⑆054008537⑆ 58915736⑈

RJ YOUNG BID

[Handwritten Signature]

PAY TO THE ORDER OF
THE CITY OF GLUCKSTADT
343 DISTRIBUTION DRIVE
MADISON, MS 39110

\$7,312.37

** EXACTLY **7,312 AND 37/100 DOLLARS

REMITTER
ROBERT J YOUNG COMPANY, LLC
730 A FREELAND STATION ROAD
NASHVILLE, TN 37228

Branch: 0419

Date: 4/17/2024



Cashier's Check 1273278

Stop Payment Requests cannot be accepted until 90 days after the issue date. An Indemnity Bond will be required before this Cashier's Check will be replaced or refunded.



*Received
by 2:00 pm
[Signature]*

GLUCKSTADT PD ACCESS CONTROL AND CAMERA SYSTEMS

Prepared for

CITY OF GLUCKSTADT

Submitted on

April 23, 2024



Prepared by
Brett Bailey
Major Account Executive
(615) 973-7575 • Brett.Bailey@rjyoung.com

RJ Young
2030 NW Progress Parkway • Jackson, MS 39213

Project Number 24015
RFP Title Access Control & Camera Systems
Proposer RJ Young
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Page Number 1

GENERAL REQUIREMENTS

A. Interpretations: *Should a bidder find discrepancies in or omissions from the plans and specifications or be in doubt as to their written meaning, he should immediately notify the Architect in writing. The Architect will then send a written instruction or interpretation to all known holders of the documents if deemed appropriate by the Architect. Neither the Owner nor the Architect will be responsible for nor bound by any oral instructions.*

RJ Young (RJY) understands, acknowledges, and will comply.

B. Addenda: *Any addenda to the plans and/or specifications issued before or during the time of bidding will become a part of the Contract and receipt of same must be acknowledged by Bidder in his proposal.*

No Addenda has been posted on Central Bidding for this bid.

C. Substitutions: *Refer to Section 007300 and to Section 016000 - Product Requirements : Bidder is advised that some sections of the specifications do not allow for substitutions and that the requirements of Sections 007300 and 016000 must be strictly complied with to obtain a substitution where substitution is allowed. Failure to strictly comply with Sections 007300 and 016000 and any requirements in the technical specifications which do not conflict with and which are in addition to Sections 007300 and 016000 may, in the Owner's sole discretion, result in the rejection of the request for substitution. The Architect will not consider requests for substitutions during bidding.*

RJY is an authorized reseller for Verkada. We will offer no substitutions.



Project Number 24015
RFP Title Access Control & Cameras
Proposer RJ Young
Page Number **2**

D. Non-Asbestos Containing Materials: The Contractor shall furnish a letter of Certification of non-use of asbestos containing materials prior to Substantial Completion in accordance with Section 007300.

RJY understands, acknowledges, and will comply.

Project Number 24015
RFP Title Access Control & Cameras
Proposer RJ Young
Page Number 3

BIDDING

A. Contract for Construction: Lump sum, single bids (base bid & alternates) with options for 5 Year and 10 Year Cloud Based Contract received from Access Control Contractors shall include General, Access Control and Cameras, and Electrical work shown on plans and specified herein.

1. Base Bid: Bidding Contractor to submit the cost of the work as a lump sum amount to be contracted directly with The City of Gluckstadt including all purchased and supplied materials and labor to purchase and install necessary components of the Access Control and Camera Systems.

2. 5-year Contract Bid: Bidding Contractor to submit the cost of a 5-year Cloud Based Contract Agreement with the City of Gluckstadt.









3. 10-year Contract Bid: Bidding Contractor to submit the cost of a 10-year Cloud Based Contract Agreement with the City of Gluckstadt

Please see the following pages for our Pricing Proposal.

Project Number 24015
 RFP Title Access Control & Cameras
 Proposer RJ Young
 Page Number 4

Pricing Proposal

Verkada Products

Description	Price	Qty	Ext. Price
 CD42 Indoor Dome Camera, 256GB, 30 Days Max CD42 Indoor Dome Camera, 256GB, 30 Days Max	\$695.97	26	\$18,095.22
 CD42-E Outdoor Dome Camera, 256GB, 30 Days Max CD42-E Outdoor Dome Camera, 256GB, 30 Days Max	\$835.30	8	\$6,682.40
 CF81-E Fisheye Camera, 512GB, 30 Days CF81-E Fisheye Camera, 512 GB, 30 Days	\$1,392.63	1	\$1,392.63
 Verkada Multi-format Card Reader Multi-format Card Reader	\$243.13	30	\$7,293.90
 Verkada 16 Door Controller Verkada AC62 16 Door Controller	\$3,691.63	2	\$7,383.26
 Verkada 18AH Backup Battery Verkada 18AH Backup Battery	\$486.97	2	\$973.94
 Corner Mount Corner Mount	\$138.63	4	\$554.52
 CM42 Indoor Mini Dome Camera, 256GB, 30 Days Max CM42 Indoor Mini Dome Camera, 256GB, 30 Days Max	\$486.97	4	\$1,947.88
Subtotal:			\$44,323.75

Project Number 24015
 RFP Title Access Control & Cameras
 Proposer RJ Young
 Page Number 5

5 Year License Option

Description		Price	Qty	Ext. Price
LIC-CAM-5Y	Verkada 5-Year Camera License Verkada 5-Year Camera License	\$626.30	39	\$24,425.70
LIC-AC-5Y	Verkada 5 Year Door License Verkada 5 Year Door License	\$695.97	30	\$20,879.10

Subtotal: **\$45,304.80**

10 Year License Option

* Optional

Description		Price	Qty	Ext. Price
LIC-CAM-10Y	Verkada 10-Year Camera License Verkada 10-Year Camera License	\$1,253.30	39	\$48,878.70
LIC-AC-10Y	Verkada 10 Year Door License Verkada 10 Year Door License	\$1,392.63	30	\$41,778.90

* Optional Subtotal: **\$90,657.60**

Verkada Shipping

Description		Price	Qty	Ext. Price
Shipping - Verkada	Shipping & Handling Shipping & Handling	\$1,101.00	1	\$1,101.00

Subtotal: **\$1,101.00**

Project Number 24015
 RFP Title Access Control & Cameras
 Proposer RJ Young
 Page Number 6

3rd Party Labor

Description	Price	Qty	Ext. Price
Labor- SecureLink Project Labor from SecureLink Technology Project Labor from SecureLink Technology	\$55,517.77	1	\$55,517.77
Subtotal:			\$55,517.77

Verkada Solution - RFP #24015



Prepared by:
RJ Young
 Eric Saffle
 601-709-0075
 Eric.Saffle@rjyoung.com
 Technology Solutions Architect

Prepared for:
City of Gluckstadt
 343 Distribution Drive
 Madison, MS 39130
 Lindsay Kellum
 Lindsay.Kellum@gluckstadt.net

Quote Information:
Quote #: ES018652
 Version: 1
 Delivery Date: 04/15/2024
 Expiration Date: 04/30/2024

Quote Summary

Description	Amount
Verkada Products	\$44,323.75
5 Year License Option	\$45,304.80
3rd Party Labor	\$55,517.77
Subtotal:	\$145,146.32
Shipping:	\$1,101.00
Total:	\$146,247.32

*Optional Expenses

Description	One-Time
10 Year License Option	\$90,657.60
Optional Subtotal:	\$90,657.60

Payment Options

Description	Payments	Interval	Amount
Purchase	1	One-Time	\$146,247.32



Project Number 24015
RFP Title Access Control & Cameras
Proposer RJ Young
Page Number 7

B. Subcontractors and Suppliers: The Bidder is specifically advised that any person, firm, or other party to whom it is proposed to award a Contract, Subcontract or Purchase Order must be acceptable to the Owner.

- 1. The Owner may make such investigation as he deems necessary to determine the ability of the Bidder or subcontractors or suppliers to perform the work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the work contemplated therein within the time required.***

Please see the following pages as RJY's evidence of our ability to perform the work detailed in this proposal.

Project Number 24015
RFP Title Access Control & Cameras
Proposer RJ Young
Page Number 8

Company Profile

Since 1955, RJ Young (RJY) has been a valued business partner in the Southeast, helping businesses and educational systems, such as City of Gluckstadt (COG) achieve maximum efficiency and productivity with the latest in office technology, all backed by award-winning service. Today, **RJY is the second-largest independent dealer of its kind in the United States** and has been recognized by numerous industry insiders, publications, and manufacturers for leadership and excellence.

RJY's principal place of business is in Nashville, TN. However, with 34 locations and 670 employees throughout the Southeast, RJY can provide cutting-edge solutions while ensuring personalized support. It is our mission to constantly be on the lookout for the best people, services, equipment, software, and tools for managing your office printing needs and document information. We are proud to work with the top equipment manufacturers and software companies in the industry as well as continually invest in retaining and developing top talent to ensure we are adding strategic value to your organization.

RJY is a strategic partner with resources aligned to fit your best interests, specialists to design custom solutions, and industry-leading partners to ensure that your offices are operating at their full efficiency from a technology/productivity standpoint. Our portfolio contains leading brands and manufacturers which allow us to offer best practice solutions.

Because we are an industry leader, we have buying power which brings our manufacturers' best support as well as priority service. RJY has independent ownership and has built an infrastructure to support small businesses to enterprise-level organizations.

With our **We Make It Right™ Guarantee**, customer service is at the pinnacle of our focus. RJY leads your agency to greater ease of day-to-day workflows, efficiency, green initiatives, and full coverage process improvement and change management through accountability of promised services and cost savings.

Project Number 24015
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We Make It Right™ Guarantee

With our **We Make It Right™ Guarantee**, customer service is at the pinnacle of our focus. RJY leads your agency to a greater ease of day-to-day workflows, efficiency, green initiatives, and full coverage process improvement and change management through accountability of promised services and cost savings. As stated, RJY stands firmly by our **We Make It Right™ Guarantee**. Our policy is simple. If you are not happy with our equipment, service, supplies, billing—anything—let us know and we'll make it right, right away.



**We Make It Right™
Guarantee**

Careful attention to customer satisfaction is the reason we've been in business since 1955

"Our policy is very simple. If you are not happy with our equipment, service, supplies, billing - anything - let us know and we'll make it right, right away."



Chip Crunk
CEO

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Local Branch Office

RJ Young
2030 NW Progress Parkway
Jackson, MS 39213
(601) 948-2222

RJY has had a local branch office in Jackson, MS for 21 years.

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MS LLC Annual Report

F0108
Fee: \$ 250



2024171575

Business ID: 1093245
Filed: 03/14/2024 10:54 AM
Michael Watson
Secretary of State

P.O. BOX 136
JACKSON, MS 39205-0136
TELEPHONE: (601) 359-1633

2024 LLC Annual Report

Business Information

Business ID: 1093245 **Business Name:** ROBERT J. YOUNG COMPANY, LLC
State of Incorporation: TN **Business Email:** jessica.tinsley@rjyoung.com
Phone: (***)***-****
FEIN: **-*****

Principal Address: 730 Freeland Station Rd
NASHVILLE, TN 37228

Registered Agent

Name: C. T. CORPORATION SYSTEM
Address: 645 LAKELAND EAST DRIVE STE 101
FLOWOOD, MS 39232

Managers and Members

Managers

Name: Lacey Mcdonald
Manager
Address: 730 Freeland Station Rd
Nashville, TN 37228

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Officers

<i>Title/Name:</i>	<i>Address:</i>	<i>Director:</i>
President: AJ Baggott Jr	730 Freeland Station Rd NASHVILLE,, TN 37228	<input type="checkbox"/>
Vice President:		<input type="checkbox"/>
Secretary:		<input type="checkbox"/>
Treasurer:		<input type="checkbox"/>

This LLC has a written Operating Agreement.

NAICS Code/Nature of Business

541519 - Other Computer Related Services

Signature

By entering my name in the space provided, I certify that I am authorized to file this document on behalf of this entity, have examined the document and, to the best of my knowledge and belief, it is true, correct and complete as of this day **03/14/2024**.

<i>Name:</i>	<i>Address:</i>
Kathy Fuson	730A Freeland Station Rd
<i>Other</i>	Nashville, TN 37228

Officers List

<i>Name:</i>	<i>Address:</i>
Lacey Mcdonald	730 Freeland Station Rd
<i>Manager</i>	Nashville, TN 37228
AJ Baggott Jr	730 Freeland Station Rd
<i>President</i>	NASHVILLE,, TN 37228

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Certificate of Insurance

ACORD RJYOUNG-01 **HSMALL**

CERTIFICATE OF LIABILITY INSURANCE DATE (MM/DD/YYYY)
04/12/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 1298 Hub International Mid-South 3011 Armory Drive Suite 250 Nashville, TN 37204	CONTACT Heidi Small PHONE (AG. No. Ext): (615) 687-2940 FAX (AG. No.): (615) 687-2820 E-MAIL: heidi.small@hubinternational.com
INSURED R J Young Company, LLC 730 Freeland Station Road Nashville, TN 37228	INSURER(S) AFFORDING COVERAGE INSURER A: The Phoenix Insurance Company 25623 INSURER B: Travelers Property Casualty Company of America 25674 INSURER C: Farmington Casualty Company 41483 INSURER D: Certain Underwriters at Lloyds INSURER E: INSURER F:

COVERAGES		CERTIFICATE NUMBER:		REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSURER	TYPE OF INSURANCE	ADDITIONAL	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
LTR		RYSD		(MM/DD/YYYY)	(MM/DD/YYYY)	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PERCENT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER		H-630-4X017311-PHX-24	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (EA OCCURRENCE) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRE/LEASED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		810-3X948359-24-43	1/1/2024	1/1/2025	COMBINED SINGLE LIMIT (EA OCCURRENCE) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CUP-4X10514A-24J3	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
C	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OR INCUMBER(S) EXCLUDED? (Mandatory in TN) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	UB-4X098715-24-43-G	1/1/2024	1/1/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	<input checked="" type="checkbox"/> Cyber Liability <input checked="" type="checkbox"/> Professional Liab		W2E6CE230301 W2E6CE230301	4/1/2023 4/1/2023	4/1/2024 4/1/2024	Cyber Agg 2,000,000 Technology Based Svc 1,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Subject to all the terms, conditions, exclusions and definitions of the above referenced policies as issued by the carrier(s). - General Liability: The following forms are included, when required by written contract, and prior to loss: - Blanket Additional Insured for Persons Or Organizations For Ongoing Operations, form CG D4 17 02 19. - Blanket Additional Insured for Persons Or Organizations For Completed Operations, form # CG D2 46 04 19. - Blanket Additional Insured is also included for Vendors, Mortgagees, Assignees, Successors Or Receivers, form CG D4 17 02 19. - Blanket Waiver of Right Of Recovery By Written Contract Or Agreement, form CG D4 17 02 19. SEE ATTACHED ACORD 101						

CERTIFICATE HOLDER CITY OF GLUCKSTADT 343 DISTRIBUTION DRIVE MADISON, MS 39110	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

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RJ Young
 2030 NW Progress Parkway
 Jackson, MS 39213



Prepared by
Brett Bailey
 Major Account Executive
 (615) 973-7575
 Brett.Bailey@rjyoung.com

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AGENCY CUSTOMER ID: RJYOUNG-01

HSMALL

LOC #: 1



ADDITIONAL REMARKS SCHEDULE

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AGENCY Hub International Mid-South	License # 1298	NAMED INSURED R J Young Company, LLC 730 Freeland Station Road Nashville, TN 37228
POLICY NUMBER SEE PAGE 1		
CARRIER SEE PAGE 1	NAIC CODE SEE P 1	EFFECTIVE DATE: SEE PAGE 1

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 26 FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles:
- Primary & Non-Contributory is included for Additional Insured, form CG T1 00 02 19.
- Blanket 30 Day Notice of Cancellation to Others is included

Automobile Liability: The following forms are included, when required by written contract, and prior to loss:
- Blanket Additional Insured for any person or organization, form CA T3 53 08 17
- Blanket Waiver of Subrogation, form CA T3 53 08 17
- Primary/Noncontributory is included when assumed under an insured contract per form CA T4 74 08 17
- Blanket 30 Day Notice of Cancellation to Others is included

Workers Compensation: The following forms are included, when required by written contract, and prior to loss:
- Blanket Waiver Transfer of Rights of Recovery Against Other to Us (Waiver of Subrogation) is included per form WC 00 03 13 (00).
- Blanket 30 Day Notice of Cancellation to Others is included

Umbrella Liability: The policy is follow form and provides excess limits over the scheduled underlying primary Commercial General Liability, Business Auto Liability, and Employers Liability policy limits, subject to the Umbrella policy terms, conditions and exclusions.



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Verkada Authorized Reseller Letter



4/12/2024

RJ Young Company
730A Freeland Station Road
Nashville, TN 37228

Ref: RJ Young Company as Verkada Authorized Reseller / Bid # 24015

To Whom It May Concern,

This letter is to serve as proof that RJ Young is an Authorized Reseller for Verkada’s hardware, software and services. Please feel free to contact me if any further information with respect to Verkada’s products is needed. My contact information is provided below.

Sincerely,

DocuSigned by:
Caleb Augustin
4521F72A132E4F6
Caleb Augustin
Head of Global Channel Sales
Verkada, Inc.
406 E. 3rd Ave
San Mateo, CA 94401
caleb.augustin@verkada.com

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Verkada Diamond Partner



RJ Young is an established and trusted authorized Verkada advisor and has been named a Diamond Partner earning the highest level of achievement by providing a variety of technical and sales services. As such, our diamond level is based on our technical capability, ability to drive customer satisfaction, and buying power.

Verkada Partner Program Levels



Diamond

Platinum

Gold

Silver

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References

The City of Ridgeland

115 W School St.
Ridgeland, MS 39157
Joe Kirchner – Information Systems Manager
joe.kirchner@ridgelandms.org
(601) 853-2021



Town of Bluefield Police Department

112 Huffard Drive
Bluefield, VA 24605
Shane Gunter – Police Chief
gunter@bluefieldva.org
(276) 326-6710



Scott County Redevelopment & Housing Authority

301 Fugate Street
Duffield, VA 24244
Sue Smith – Executive Director
sues@scrhousing.org
(276) 431-2022



Jefferson City Schools

345 Storey Lane
Jefferson, GA 30549
Miranda Storey – Director of Technology
mstorey@jeffcityschools.org
(706) 367-2782



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Project Team Qualifications

Brett Bailey

RJY Major Account Executive

(615) 973-7575

Brett.Bailey@rjyoung.com

14 Years of RJY Service

19 Years of Project Management Experience

Eric Saffle

RJY Technology Solutions Architect

(601) 317-8359

Eric.Saffle@rjyoung.com

13 Years of RJY Service

17 Years of Project Management Experience

Russell Bain

RJY Sales Manager

(601) 718-2947

Russell.Bain@rjyoung.com

11 Years of RJY Service

14 Years of Project Management Experience

Jeffrey Miller

SecureLink

Jeffrey Miller

(601) 941-7003

jmiller@securelinktech.com

Verkada Certified Installer

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Subcontractor's License

2. All subcontractors must have a current, valid, Contractor's License.

Please see the following pages for Securelink Technology LLC licenses.

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MIKE CHANEY
Commissioner of Insurance
State Fire Marshal
MARK HAIRE
Deputy Commissioner of Insurance

Licensee must notify the Mississippi Insurance Department, State Fire Marshal, in writing of a change within 10 days of the change.

SECURELINK TECHNOLOGY LLC
543 BRADFORD DRIVE
BRANDON, MS 39047

MISSISSIPPI ELECTRONIC PROTECTION LICENSE
SECURELINK TECHNOLOGY LLC

License Number: 15047579

Licensed as: Class A - Contracting Company
Designated Agent: TIMOTHY MICHAEL PURVIS

Expiration Date
10/2/2024

THIS LICENSE IS NOT TRANSFERABLE

COMMISSIONER OF INSURANCE

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MIKE CHANEY
Commissioner of Insurance
State Fire Marshal

MARK HAIRE
Deputy Commissioner of Insurance

Licensee must notify the Mississippi Insurance Department, State Fire Marshal, in writing of a change within 10 days of the change.

TIMOTHY MICHAEL PURVIS
183 PURVIS RD
FLORA, MS 39071

MISSISSIPPI ELECTRONIC PROTECTION LICENSE
TIMOTHY MICHAEL PURVIS

License Number: 10985223

Licensed as: Class B - System Technician
For: SECURELINK TECHNOLOGY LLC

Expiration Date
10/2/2024

THIS LICENSE IS NOT TRANSFERABLE

COMMISSIONER OF INSURANCE

STATE FIRE MARSHAL

MISSISSIPPI INSURANCE DEPARTMENT

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Listing of Subcontractors and Suppliers

3. Listing of Subcontractors and Suppliers:

a. Failure to list subcontractors that may be required on the Bid Form may result in the rejection of the Bidder's bid as non-responsive.

b. The successful Bidder shall use the subcontractor and supplier identified by him as being included in his lump sum price, provided however, the Bidder assumes the risk that the subcontractor or supplier listed will be acceptable to the Owner and the Architect. The Bidder shall not substitute another subcontractor for the listed subcontractor or supplier unless agreed to in writing by the Owner.

c. If Bidder lists itself as a supplier for any of the classifications listed, then the Bidder will be required to furnish such product from its manufacturing inventory and to demonstrate to the Owner and Architect that it has satisfactory qualifications and prior experience manufacturing and furnishing such materials, equipment and/or products. If Bidder lists itself as a subcontractor for any of the classifications listed, then the Bidder will be required to perform the work with its own regularly employed personnel and to demonstrate to the Owner and Architect that it has satisfactory qualifications and prior experience performing such work with its own regularly employed personnel. The Owner reserves the right to reject any bid if the evidence submitted by Bidder fails to satisfy the Owner that the Bidder has satisfactory qualifications and prior experience performing such work and/or furnishing such materials, equipment and/or products.

Our subcontractor is SecureLink. Here is their information.

SecureLink
543 Bradford Drive
Brandon, MS 39047
Jeffrey Miller
(601) 941-7003
jmiller@securelinktech.com

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CERTIFICATE OF RESPONSIBILITY

A. Each Bidder submitting a bid in excess of \$50,000.00 must show on his bid and on the face of the envelope containing the bid, his Certificate of Responsibility Number, as required by Section 31-3-15 and 31-3-21 (latest edition) Mississippi Code of 1972. If the bid does not exceed \$50,000.00, a notation so stating must appear on the face of the envelope.

B. In accordance with Mississippi law, if the Bidder is a joint venture, either the joint venture or all of the Contractors which make up the joint venture must hold certificates of responsibility from the State Board of Contractors. Each of the Contractors participating in the bid must indicate their individual Certificate of Responsibility numbers on the bid and on the face of the envelope.

C. Each subcontractor whose Subcontract exceeds \$50,000.00 shall have a Certificate of Responsibility Number, as required by Section 31-3-15 and 31-3-21 (latest revision), Mississippi Code.

D. Evidence: No bid will be opened, considered or accepted unless the above information is given as specified. Sufficient evidence that said Certificate of Responsibility has been issued and is in effect at the time of receiving bids must be submitted when required by the Owner or the Architect. Likewise, it shall be the responsibility of the Prime Contractor to require a Certificate of Responsibility Number from any subcontractor that falls in the category of "B" above.

The Certificate of Responsibility number is 15047579.

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NON-RESIDENT CONTRACTOR

A. When a non-resident Contractor submits a bid for a Mississippi public project, he shall, prior to submission of the bid, attach thereto a copy of his resident State's current law pertaining to such States treatment of non-resident Contractors as required by Section 31-3-15 and 31-3-21, Mississippi Code, (latest revisions) or, if the State has no such law, a statement indicating the "State of (name of State) has no resident Contractor preference law". Failure to include this information or statement will result in the bid being considered non-responsive and it will be rejected.

RJY and SecureLink are both residents of Mississippi.

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BID SECURITY

A. Each bid, exceeding \$5,000.00 must be accompanied by the Bidder's certified check or a bid bond duly executed by the Bidder as principal and wherein the security on such bond will be by a duly authorized surety company deemed to do business in the State of Mississippi which is acceptable to the Owner, in the amount of five percent of the bid. All bid bonds must be accompanied by the appropriate Power of Attorney designating the Mississippi Resident Agent.

Please see our Bid Bond check for \$7,312.37 included in our proposal envelope.

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OPENING OF PROPOSALS

Sealed proposals will be received by The City of Gluckstadt at 343 Distribution Drive, Madison, Mississippi, 39110 until 2:00 p.m. on, Tuesday April 23, 2024, for the project known as: City of Gluckstadt Police Station & Municipal Court Access Control and Camera Systems

The bids will be publicly opened and read on Thursday, April 25, 2024 at 6:00 p.m. in the Board Room located at 343 Distribution Drive, Madison, Mississippi, 39110.

Electronic Proposals will be accepted through Central Bidding at <https://www.centralbidding.com>

RJY understands and will comply. We will be dropping off 2 printed copies of the bid that includes our Bid Bond check. We will also submit the proposal on Central Bidding so all bases are covered.

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PREPERATION OF BID

A. Conditions of Work: Each Bidder must fully inform himself of the conditions relating to the construction of the project and employment of labor thereon. Failure to do so will not relieve a successful Bidder of his obligation to furnish all material and labor necessary to carry out the provisions of his Contract. The Contractor must employ methods or means to cause no interruptions of or interference with the work of any other Contractor.

RJY understands and will comply.

B. Examination of Site: All Bidders, including the general contractor and subcontractors, will visit the site of the building, and inform themselves of all conditions. Failure to visit the site will in no way relieve the successful Bidder from his obligation to complete all work in accordance with the Contract Documents without additional cost to the Owner.

RJY understands and will comply.

C. Staging and Access: All Bidders, including the general contractor and subcontractors, acknowledge that the construction premises are restricted and that access is affected by the location of the Project, by the Facilities surrounding the Project and by other construction that may be performed during the performance of this Contract; All Bidders, including the general contractor and subcontractors, further acknowledge that such limitations in space and accessibility have been taken into account in estimating their bids.

RJY understands and acknowledges.

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D. Laws and Regulations: The Bidder's attention is directed to the fact that all applicable state laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project apply to the Contract. The successful Bidder shall be required to comply with all applicable laws, ordinances, rules and regulations at no additional cost to Owner whether such laws, ordinances, rules and/or regulations are enacted or adopted before or after bid opening.

RJY understands and will comply.

E. Obligation of Bidder: At the time of opening of bids, Bidder will be presumed to have inspected the site and to have read and be thoroughly familiar with the plans and specifications, including all addenda. The submission of a Bid will be construed as conclusive evidence that the Bidder has made such examination.

RJY understands and acknowledges.

F. Modification to Bid: A Bidder may modify the bid on the outside of the sealed envelope containing the bid.

RJY understands and acknowledges.

G. Telegraphic Bids / Modifications: Absolutely no facsimile (fax), telegraphic bid or telegraphic modification of bid will not be considered.

RJY understands and acknowledges.

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H. Irregularities: The omission of any information requested on the Proposal Form may be considered as an informality, or irregularity, by the Owner when in their opinion the omitted information does not alter the amounts contained in the submitted bid proposal, or place other Bidders at a disadvantage.

RJY understands and acknowledges.

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PROPOSALS

A. Form: Submit all proposals on forms provided and fill all applicable blank spaces without interlineation, alteration, or erasure and recapitulations of the work to be done. No oral, telegraphic, or telephonic proposals will be considered. Receipt of any and all addenda issued during the bidding must be noted on the Proposal Form.

The Forms required on the following pages. There were not any addenda issued for this bid on Central Bidding.

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Bid Form

SECTION 004100 BID FORM

THE PROJECT AND THE PARTIES

1.01 TO:

- A. Owner
 1. City of Gluckstadt, 343 Distribution Drive, Madison Mississippi, 39110

1.02 FOR:

- A. Project: Gluckstadt PD Access Control and Camera Systems

1.03 DATE: April 23, 2024 (BIDDER TO ENTER DATE)

1.04 SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)

- A. Bidder's Full Name Robert J. Young Company, LLC
 1. Address 2030 NW Progress Parkway
 2. City, State, Zip Jackson, MS 39213

1.05 OFFER

- A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by Dean Architecture, P.A. for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:
- B. Base Bid: Bidding Contractor to submit the cost of the work as a lump sum amount to be contracted directly with The City of Gluckstadt including all purchased and supplied materials and labor to purchase and install necessary components of the Access Control and Camera Systems.
- C. 5 year Contract Bid: Bidding Contractor to submit the cost of a 5 year Cloud Based Contract Agreement with the City of Gluckstadt.
- D. 10 year Contract Bid: Bidding Contractor to submit the cost of a 10 year Cloud Based Contract Agreement with the City of Gluckstadt.
- E. Base Bid: One hundred thousand, nine hundred forty-two dollars and fifty-two cents dollars (\$ 100,942.52), in lawful money of the United States of America.
- F. 5 Year Contract: Forty-five thousand, three hundred and four dollars and eighty cents dollars (\$ 45,304.80), in lawful money of the United States of America.
- G. 10 Year Contract: Ninety thousand, six hundred fifty-seven dollars and sixty cents dollars (\$ 90,657.60), in lawful money of the United States of America.
- H. We have included the required security deposit as required by the Instruction to Bidders.
- I. All applicable federal taxes are included and State of MS taxes are included in the Bid Sum.
- J. All Cash and Contingency Allowances described in Section 012100 - ALLOWANCES are included in the Bid Sum.

1.06 ACCEPTANCE

- A. This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.
- B. If this bid is accepted by Owner within the time period stated above, we will:
 1. Execute the Agreement within seven days of receipt of Notice of Award.
 2. Furnish the required bonds within seven days of receipt of Notice of Award.



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- C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.
- D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

1.07 CONTRACT TIME

- A. If this Bid is accepted, we will:
- B. Complete the Work by the 15th day of August, 2024.

1.08 CHANGES TO THE WORK

- A. When Architect establishes that the method of valuation for Changes in the Work will be net cost plus a percentage fee in accordance with General Conditions, our percentage fee will be:
 1. Fifteen (15) percent overhead and profit on the net cost of our own Work;
 2. Ten (10) percent on the cost of work done by any Subcontractor.
 3. Markup for profit and overhead will not be allowed for items to be paid from project allowances identified in Section 012100.

1.09 ADDENDA

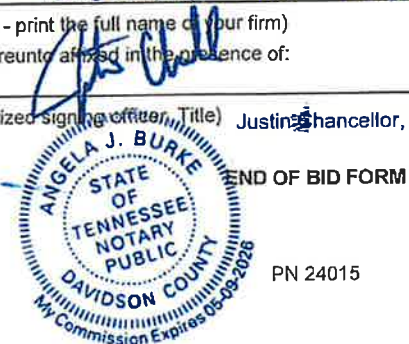
- A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.
 1. Addendum # N/A Dated _____
 2. Addendum # N/A Dated _____
 3. Addendum # N/A Dated _____
 4. Addendum # N/A Dated _____

1.10 BID FORM SUPPLEMENTS

- A. Supplemental Information Required in Bid Package: The bidding contractors must submit qualifying information on equipment, system performance, software, and cloud based usage agreements for review by the owner (ie. equipment cut sheets, equipment data sheets, equipment performance parameters, contracts/agreements, etc.). Verkada is the basis of design for access control, cameras, software, and cloud based usage agreements as indicated in drawings and specifications. Bid package must include all Verkada (Basis of Design) equipment, software, and contracts/agreements and any substituted equipment, software, and contracts/agreements. Any variation or substitution from Verkada must be shown for comparison of bids purposes. The owner reserves the right to select and approve equipment and agreements from other substituted manufacturers as long as all data and performance characteristics and requirements are met or exceeded.
- B. The following Supplements are attached to this Bid Form and are considered an integral part of this Bid Form:

1.11 BID FORM SIGNATURE(S)

- A. The Corporate Seal of
- B. Robert J. Young Company, LLC (dba RJ Young)
- C. (Bidder - print the full name of your firm)
- D. was hereunto affixed in the presence of:
- E. _____
- F. (Authorized signing officer, Title) Justin Chancellor, Regional Vice President
- G. (Seal)



END OF BID FORM

DA 3/2024

PN 24015

004100-2

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RFP Title Access Control & Cameras
Proposer RJ Young
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Contractor's Submittal Form

SECTION 016010 CONTRACTOR'S SUBMITTAL FORM

2.01 PROJECT INFORMATION:

- A. Project Name: Gluckstadt PD Access Control and Camera Systems
- B. Architect's Project Number: 24015
- C. Date of Submittal: 04/23/2024
- D. Date Requested: 04/23/2024
 - 1. Per Section 013000 paragraph 3.08.G allow 15 days excluding delivery time or up to 30 days for review of Structural, Mechanical, or Electrical submittals. Contractor shall allow 7 additional days review time for all submittals involving a Request for Substitution.

2.02 SUBMITTED BY: (CONTRACTOR'S NAME AND ADDRESS)

SecureLink
543 Bradford Drive
Brandon, MS 39047
(601) 941-7003

2.03 ARCHITECT:

Dean Architecture, P.A.
661 Sunnybrook Road, Suite 140
Ridgeland, Mississippi 39157

2.04 SPECIFICATION ITEM:

- A. Section Number: ALL
- B. Section Title: ALL
- C. Page Number: ALL
- D. Paragraph Reference: ALL

2.05 IS THE ATTACHED INFORMATION A RE-SUBMITTAL?

- A. () No.
- B. () Yes.
- C. If Yes, () Resubmittal #1; () Resubmittal #2; () Resubmittal #3.
 - 1. The architects review of the Contractor's Submittal is limited to examination of an initial submittal and one (1) resubmittal. The Architect's review of additional submittals will be made only with the consent of the Owner after notification by the Architect. The Owner shall be entitled to deduct from the Contract Sum amounts paid to the Architect for evaluation of such additional resubmittals. (Section 007300 paragraph 3.12.9)

2.06 IS SUBMITTAL FOR A "SUBSTITUTE PRODUCT"?

- A. () No.
- B. () Yes. (If yes, attach Substitution Request form 016020.)
 - 1. Per the Architect's Contract with the Owner, the Architect is entitled to compensation relating to the review of Substitution Requests. As such the Owner shall be entitled to deduct from the Contract Sum amounts paid to Architect for evaluation of Substitution Requests.

2.07 CONTRACTOR'S REVIEW OF SUBMITTAL

- A. By submitting Shop Drawings, Product Data, Samples, and similar submittals, the Contractor represents to the Owner and the Architect that the Contractor has (1) reviewed and approved

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them, (2) determined and verified materials, field measurements and field construction criteria related thereto, or will do so, and (3) checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents. (AIA 201, Section 3.12.6)

- B. The Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, Product Data, Samples, or similar submittals until the respective submittal has been approved by the Architect. (AIA 201, Section 3.12.7)
- C. The Work shall be in accordance with approved submittals except that the Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by the Architect's approval of Shop Drawings, Product Data, Samples, or similar submittals unless the Contractor has specifically informed the Architect in writing of such deviation at the time of submittal and (1) the Architect has given written approval to the specific deviation as a minor change in the Work, or (2) a Change Order or Construction Change Directive has been issued authorizing the deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals by the Architect's approval thereof. (AIA 201 Section 3.12.8)
- D. The Architect's review of the Contractor's submittals shall not relieve the Contractor of the obligations under Sections 3.3, 3.5, and 3.12. The Architect's review shall not constitute approval of safety precautions or, unless otherwise specifically stated by the Architect, of any construction means, methods, techniques, sequences or procedures. The Architect's approval of a specific item shall not indicate approval of an assembly of which the item is a component. (AIA 201 Section 4.2.7 in part)

2.08 CONTRACTOR'S CERTIFICATION

- A. The Contractor certifies that he has reviewed and approved the attached submittal per the terms of the Contract and as identified in the Contract Submittal Form.

General Contractor's Signature: *[Handwritten Signature]*

Title: *Owner*

END OF SECTION



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B. Supplemental Information Required in Bid Package: The bidding contractors must submit qualifying information on equipment, system performance, software, and cloud based usage agreements for review by the owner (ie. equipment cut sheets, equipment data sheets, equipment performance parameters, contracts/agreements, etc.). Verkada is the basis of design for access control, cameras, software, and cloud based usage agreements as indicated in drawings and specifications. Bid package must include all Verkada (Basis of Design) equipment, software, and contracts/agreements and any substituted equipment, software, and contracts/agreements. Any variation or substitution from Verkada must be shown for comparison of bids purposes. The owner reserves the right to select and approve equipment and agreements from other substituted manufacturers as long as all data and performance characteristics and requirements are met or exceeded.

Please see the following pages for our Supplemental Information Required for the bid package.

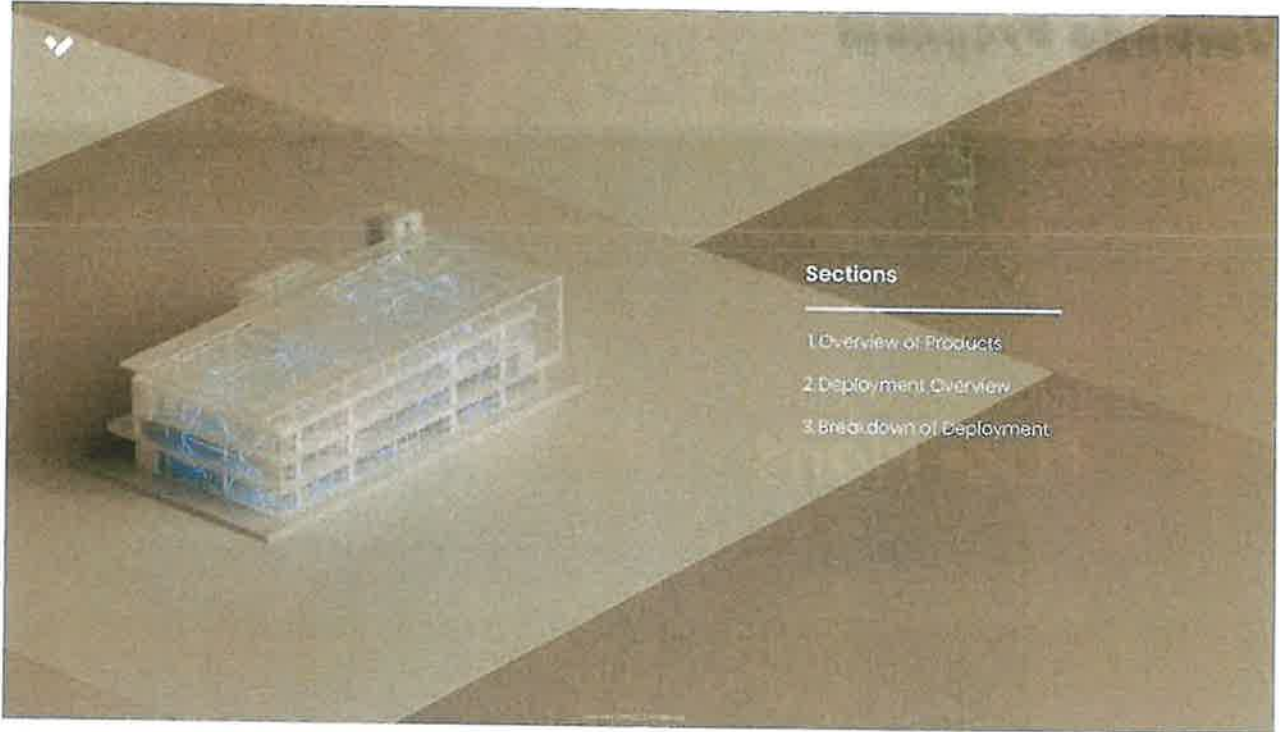


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Verkada Proposal



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Why customers love Verkada



Simple to Install, Use & Maintain

- No NVRs/Servers to manage
- No configurations needed
- Web & mobile based software
- Automatic firmware updates
- 24/7 cloud-based support
- 10-Year warranty



Scale with Ease

- Plug and play via PoE
- Bandwidth friendly footprint
- Unlimited devices & users across all sites
- Site and role based access
- Manage and access remotely



Simplify Security

- SOC2 Type2 compliant
- MFA, SSO and SAML Integrations
- Encryption at rest and in-transit
- Outbound connections only



Continuously Getting Smarter

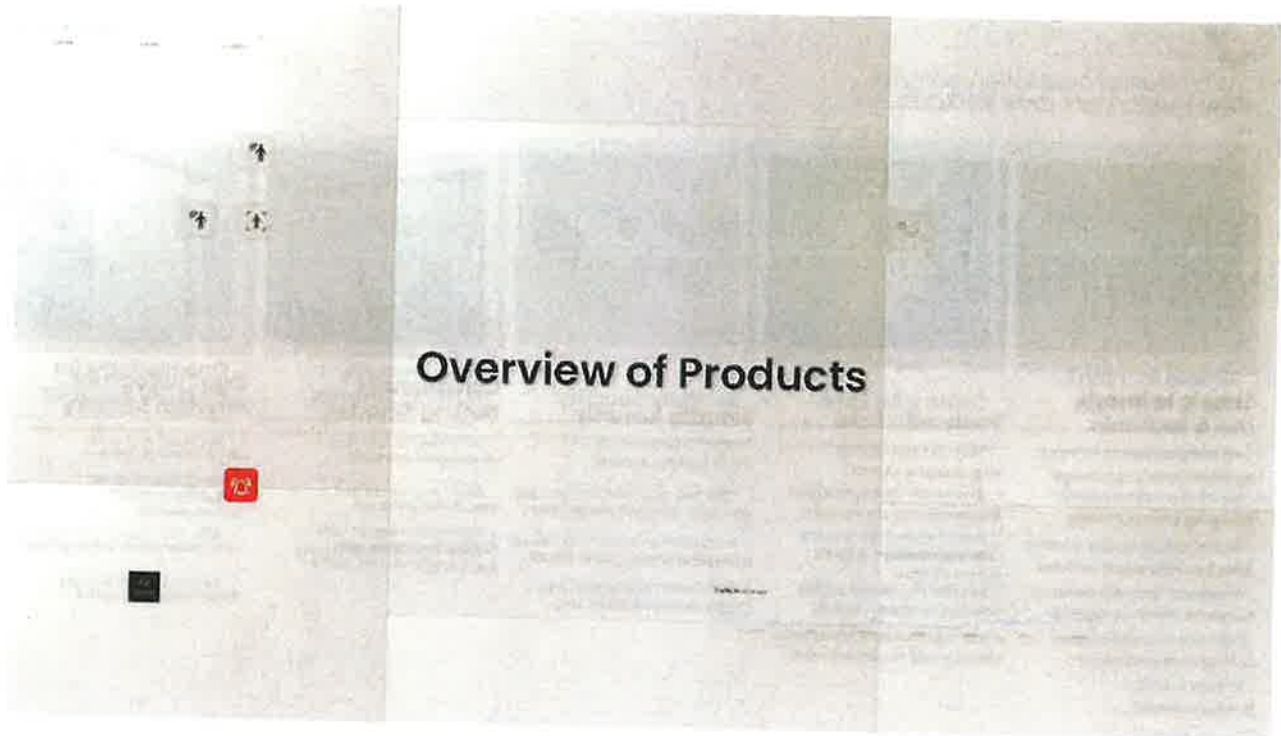
- AI-powered analytics
- New features roll out
- Notification center with live & system health alerts



One Platform for Physical Security

- Single pane of glass
- Integrated features across devices
- APIs, automation & Integrations
- Single vendor footprint

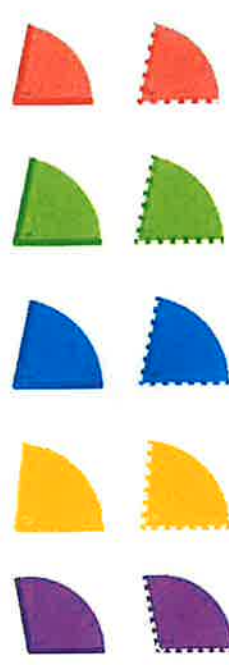
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Dome Series

Durable and versatile, Verkada's Dome Series provides a wide-range of indoor and outdoor enterprise cameras.



CD22/CD22-E

- 3MP
- Fixed Lens
- 30, 60, 90 Days Rotation
- 128° FOV (Diagonal), 91° after LDC
- 97° FOV (Horizontal), 78° after LDC

CD32/CD32-E

- 3MP
- Fixed Lens
- 30, 60, 90 Days Rotation
- 128° FOV (Diagonal), 91° after LDC
- 97° FOV (Horizontal), 78° after LDC

CD42/CD42-E

- 5MP
- Fixed Lens
- 30, 60, 90, 120, 365 Days Rotation
- 128° FOV (Diagonal), 91° after LDC
- 97° FOV (Horizontal), 78° after LDC

CD52/CD52-E

- 5MP
- Zoom Lens
- 30, 60, 90, 120, 365 Days Rotation
- 50°-107° FOV (Diagonal), 45°-87° after LDC
- 38°-105° FOV (Horizontal), 37°-84° after LDC

CD62/CD62-E

- 8MP (4K)
- Zoom Lens
- 30, 60, 90 Days Rotation
- 50°-108° FOV (Diagonal), 45°-95° after LDC
- 41°-116° FOV (Horizontal), 40°-100° after LDC



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Mini Series

Designed for flexibility without compromise, Verkada's Mini Series features discrete form factors that deliver exceptional image quality.



CM41-E

- 5MP
- Fixed Lens
- 30, 60, 90, 120, 365 Days Retention
- 128° FOV (Diagonal), 91° after LDC
- 97° FOV (Horizontal), 78° after LDC

CM41-S

- 5MP
- Fixed Lens
- 6 in. Connector Cable
- 30, 90 Days Retention
- 128° FOV (Diagonal), 91° after LDC
- 97° FOV (Horizontal), 78° after LDC

CM22

- 3MP
- Fixed Lens, 10M IR Range
- 30, 60, 90 Days Retention
- 130° FOV (Diagonal), 96° after LDC
- 95° FOV (Horizontal), 76° after LDC

CM42

- 5MP
- Fixed Lens
- 30, 60, 90, 120, 365 Days Retention
- 130° FOV (Diagonal), 96° after LDC
- 95° FOV (Horizontal), 79° after LDC

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Fisheye Series

Choose from a panoramic view of 180°, a four-way split or an Immersive 360° of any environment with digital pan-tilt-zoom.



CF81-E

- 12MP
- Fixed Lens
- 30, 60, 90 Days Retention
- FOV: Horizontal: 180°, Vertical 180°, Diagonal: 180°

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Access Control

Secure out-of-the-box, our access control solution supports existing door hardware and card readers while enabling cloud-based access to a limitless number of doors and events occurring across your organization.



- AC12**
- Supports 1 door
 - PoE Passthrough
 - Aux Inputs/Outputs
 - Powers a 12V or 24V electronic lock
 - Automated On/Offboarding



- AC42**
- Supports 4 doors
 - Lockdown
 - Mobile Ready
 - Proactive Notifications
 - Automated On/Offboarding



- AC62**
- Supports 16 doors
 - Lockdown
 - Mobile Ready
 - Proactive Notifications
 - Automated On/Offboarding



- AD33**
- Lockdown
 - Mobile Ready
 - Proactive Notifications
 - Automated On/Offboarding



- AX11**
- IO Controller has 16 AUX inputs and outputs
 - Event Bridge allows you to connect video camera insights to any door

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Controlled Total Cost of Ownership

Transparent pricing, 10-year warranty and best in class support

License Overview

- No hidden costs - predictable renewal costs
- 10-year warranty on most hardware; next day RMAs
- Best-in-class technical support
- No ongoing maintenance costs
- Automatic, free-of-cost firmware updates
- Unlimited users

How Pricing Works



Hardware
(Up to 365 Days of Local Storage)

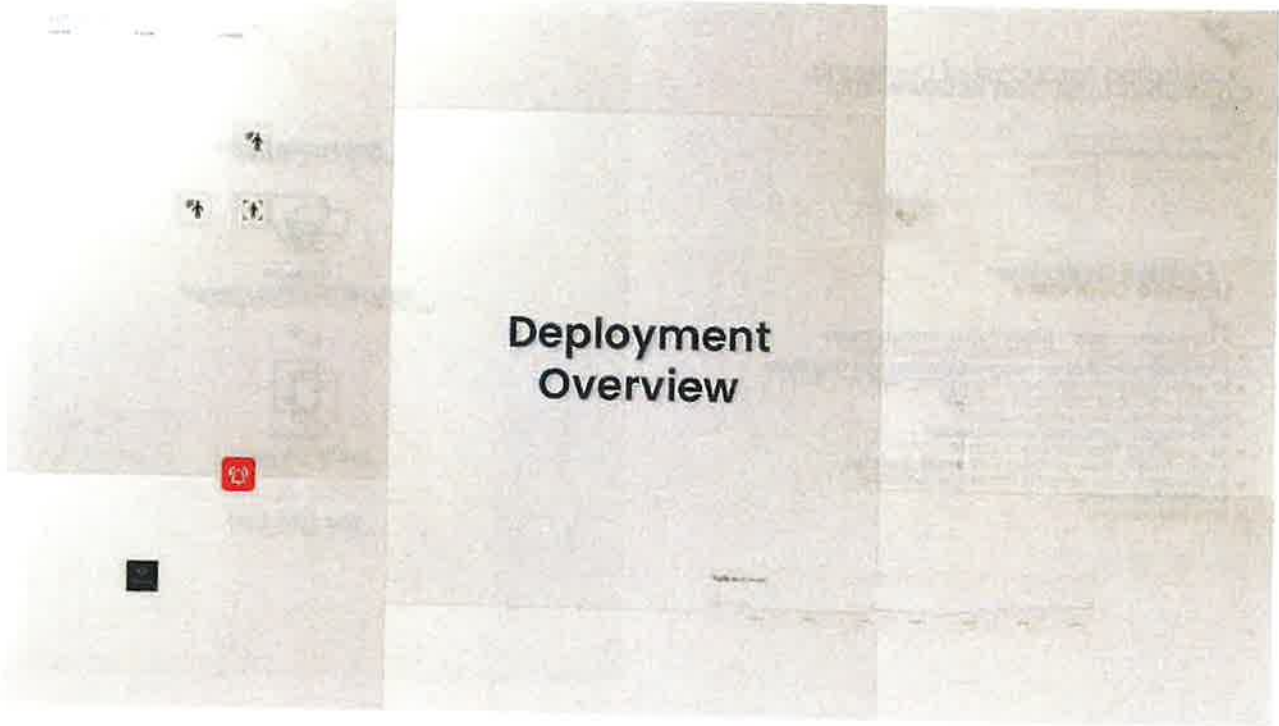
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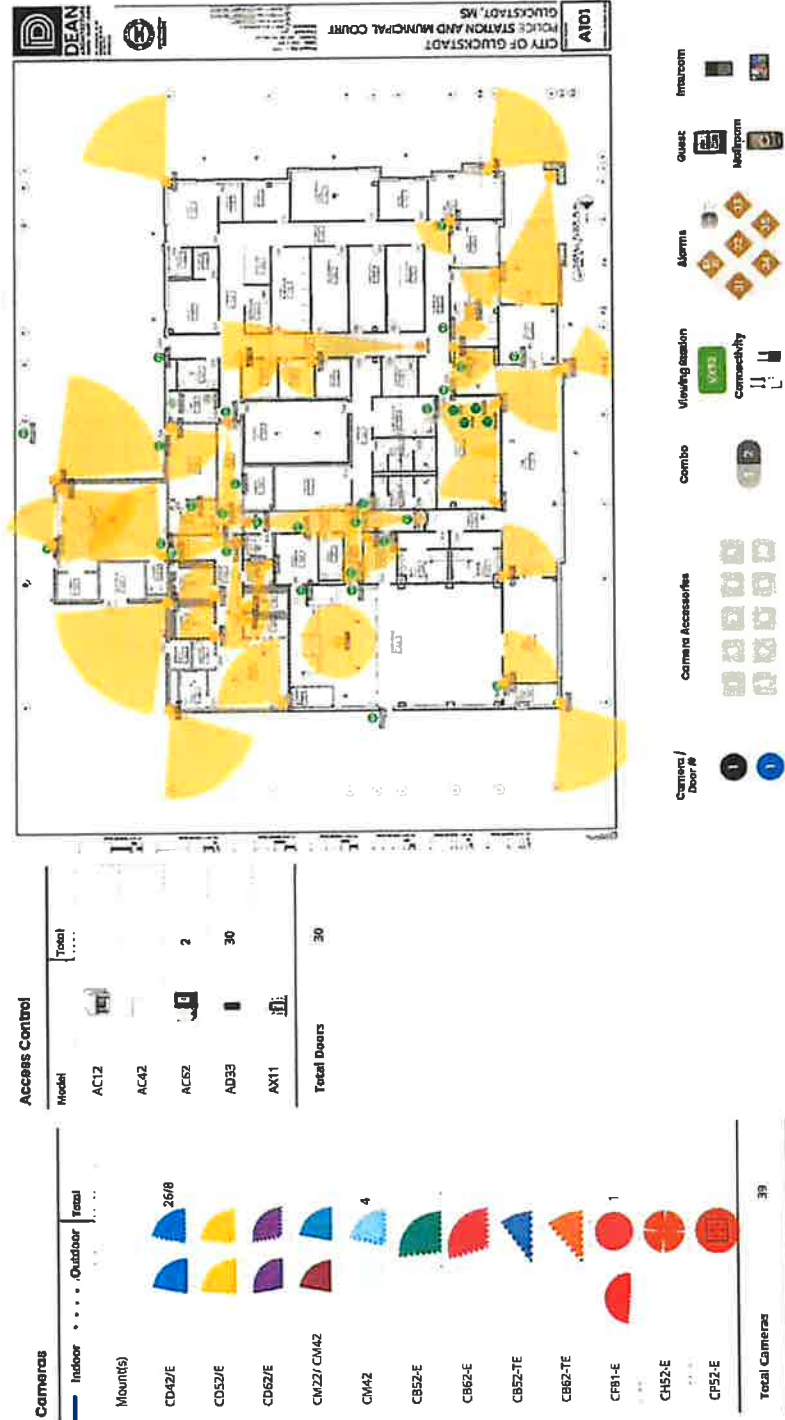
License
1,3,5, 10-Year license

Your Total Cost

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Verkada Brochures



Verkada
 A Multi-Lens Cloud Camera With
 4K Ultra HD Resolution & 180°
 Field of View

Key Features:

- 4K Ultra HD Resolution
- 180° Field of View
- Cloud Storage
- Mobile App
- Easy Installation
- Weather Resistant
- Power over Ethernet (PoE)
- IP67 Rating
- Wide Dynamic Range (WDR)
- Smart Search
- Two-Way Audio
- Real-Time Alerts
- Integration with Existing Systems
- Scalable Architecture
- 24/7 Monitoring
- High Frame Rate
- Low Latency
- Secure Data
- Easy Integration
- Reliable Performance
- Simple Setup
- Cost-Effective
- High Quality
- Easy Maintenance
- Long Lifespan
- Energy Efficient
- Compact Design
- Wide Temperature Range
- High Accuracy
- Low Power Consumption
- Easy Upgrade
- High Reliability
- Simple Configuration
- High Performance
- Easy Integration
- Reliable Performance
- Simple Setup
- Cost-Effective
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- Long Lifespan
- Energy Efficient
- Compact Design
- Wide Temperature Range
- High Accuracy
- Low Power Consumption
- Easy Upgrade
- High Reliability
- Simple Configuration
- High Performance



Verkada
 Cloud Managed
 Enterprise Scale

Key Features:

- Cloud Managed
- Enterprise Scale
- Scalable Architecture
- 24/7 Monitoring
- High Frame Rate
- Low Latency
- Secure Data
- Easy Integration
- Reliable Performance
- Simple Setup
- Cost-Effective
- High Quality
- Easy Maintenance
- Long Lifespan
- Energy Efficient
- Compact Design
- Wide Temperature Range
- High Accuracy
- Low Power Consumption
- Easy Upgrade
- High Reliability
- Simple Configuration
- High Performance



Verkada
 Advanced Video Security
 Mix & Match for Any Space

Key Features:

- Advanced Video Security
- Mix & Match for Any Space
- Scalable Architecture
- 24/7 Monitoring
- High Frame Rate
- Low Latency
- Secure Data
- Easy Integration
- Reliable Performance
- Simple Setup
- Cost-Effective
- High Quality
- Easy Maintenance
- Long Lifespan
- Energy Efficient
- Compact Design
- Wide Temperature Range
- High Accuracy
- Low Power Consumption
- Easy Upgrade
- High Reliability
- Simple Configuration
- High Performance



Verkada
 Advanced Video Security
 Built for Any Space

Key Features:

- Advanced Video Security
- Built for Any Space
- Scalable Architecture
- 24/7 Monitoring
- High Frame Rate
- Low Latency
- Secure Data
- Easy Integration
- Reliable Performance
- Simple Setup
- Cost-Effective
- High Quality
- Easy Maintenance
- Long Lifespan
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- Wide Temperature Range
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- Simple Configuration
- High Performance



Verkada
 Advanced Video Security
 Built for Any Space

Key Features:

- Advanced Video Security
- Built for Any Space
- Scalable Architecture
- 24/7 Monitoring
- High Frame Rate
- Low Latency
- Secure Data
- Easy Integration
- Reliable Performance
- Simple Setup
- Cost-Effective
- High Quality
- Easy Maintenance
- Long Lifespan
- Energy Efficient
- Compact Design
- Wide Temperature Range
- High Accuracy
- Low Power Consumption
- Easy Upgrade
- High Reliability
- Simple Configuration
- High Performance

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Overview

The AD33 is a multi-form factor card reader that brings reliability, security and an intuitive end user experience to hard wired access control installations. Revamped with state of the art hardware, the AD33 is designed to support a growing portfolio of access control software features. The AD33 is IP65 and IK08 rated and is built to withstand harsh outdoor conditions like extended direct sunlight exposure, extreme temperatures and excessive rainfall. The AD33 leverages Verkada's OSDP based protocol and an RS-485 connection with the access control unit to provide industry-leading access control security.

The AD33 also offers a host of features custom built for end users and building aesthetics. The AD33's ten indicator and feedback LEDs clearly display the status of any badge events to the end user while also supporting a sleek, modern badging experience. The unit also ships with both a mullion mount plate and a single gang mount plate to support installations on multiple surfaces and spaces.

Key features

Support for multiple card types

- Supports low frequency cards such as 37-bit Wiegand, 35-Bit Corporate and Proximity cards
- Supports high frequency cards such as MiFare and DESFire credentials
- Supports mobile bluetooth access via the Verkada Pass App

LED behavior for an intuitive end user experience

- The feedback LED on the top of the unit displays white, green or red to indicate that the status of the unit and any associated badge scan events
- The 9 indicator LED lights display green or red feedback LEDs in response to successful and unsuccessful badge events and/or lock states
- Red status and pulsing feedback LEDs display when a lockdown scenario or event has been triggered in Verkada Command, and the that door cannot be unlocked

Designed for easy installations

- LEDs provide information on the real-time connection status between the reader and the controller
- AD33 unit ships with five feet of wiring attached to the reader - allowing easy and simple installation and wiring
- Single gang and mullion form factors are both included out of the box

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Access Control

AD33
Tech Specs



AD33

Power and rating

Power Consumption	12V, 300mA max	Rating	IP65, IK08
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Compatibility

Controller Compatibility	Requires Varkada Access Control Unit (AC41, AC42 or AC62)	Low Frequency (125 KHz) Card Compatibility	HID Prox II 26-Bit (H10301), 37-Bit Wiegand HID H10304, 37-Bit Wiegand HID H10302, HID 35-Bit Corporate 1000
High Frequency (13 MHz) Card Compatibility	MiFare / DESFire (CSN), NFC		

Compliance and availability

Availability	USA, Canada, India, UK, EU, Rest of World	Compliance & Safety	FCC, CE, UL 294, UL 62360-1/CSA C22.2, CAN/ULC-60839-II-1:2016, NDA, TELECOM
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General

Mullion Dimensions	Height: 95mm / 3.7in Width: 45mm / 1.8in Depth: 21mm / 0.82in	Single Gang Dimensions	Height: 120mm / 4.7in Width: 80mm / 3.1in Depth: 21mm / 0.82in
Weight	Mullion Mount 0.08kg / 0.175lb Single Gang Mount 0.10kg / 0.225lb	Operating Temperature	-40° to 65°C / -40° to 149°F
Included Accessories	Single gang mounting plate, Mullion mounting plate, T8 Security Torx hand tool, 2 Wall mount screws, 2 M3 Machine screws	Mounting Options	Unit ships with both standard Single Gang mounting plate and Mullion mounting plate
		Warranty	10 years

Wiring

Mullion Dimensions	Abbreviation	Name
Black	GND	Ground
White	A	RS485-A
Green	B	RS485-B
Red	+12V	+12V IN

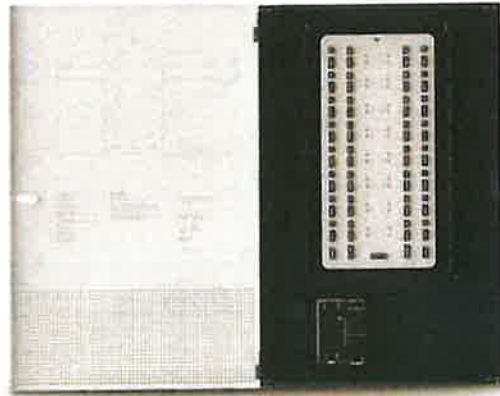
www.varkada.com 0124 sales@varkada.com 2

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Access Controllers Series

AC62 16-door controller Cloud Managed, Enterprise Scale



Overview

Verkada's AC62 16-door controller is a cloud-managed, enterprise-scale door controller designed for large deployments. The AC62 features a streamlined hardware footprint and support for up to 16 doors, two AUX devices and a fire alarm interface (FAI).

Like other Verkada access controllers, the AC62 configures instantly and updates automatically – eliminating the need for manual updates and security patches. Beyond system updates, all users, site or access permissions updates are pushed automatically to all controllers, making the AC62 great for global organizations with geographically distributed sites.

The AC62 connects to Verkada Command via an Ethernet connection. Thanks to on-device storage, compute and auxiliary battery support, the AC62 can secure doors and make access decisions regardless of power or Internet status.

Key features

16 door ports plus

Manage up to 16 doors, door accessories and fire alarm integrations from a single cloud-managed controller.

Centralized management

Centralize access control credential, site and schedule management.

Native in/out door support

Power in/out doors across 16 door ports, each with two REX inputs, a DPI input and a reader port.

Supports 12V/24V wet or dry locks

Support one 12V, 1A or one 24V, 0.5A wet relay per door or one 24VDC, 2A dry relay per door.

Fire alarm integration

Remove power from maglocks when a fire alarm occurs to allow for faster egress and firefighter access.

Enterprise-scale design

Install effectively at scale with a terminal block design, multi-part structure, removable connectors and cable management loops.

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salos@verkada.com

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Access Controllers Series

AC62
Tech Specs



AC62

Power and network

Power Consumption	350W Maximum	Inputs	2x REX dry inputs per door 1x DFI dry input per door 2x auxiliary dry inputs
AC Power Input	110-240VAC 50-60Hz	Connectivity	Ethernet: 100/1000Mbps RJ-45 for network connection USB 2.0

Reader and relay ports

Door Reader Ports	1x Verkada/RS-485 / door (16 total) 1x Wiegand Port / door (16 total)	Door Reader Power Consumption	Reader current consumption must be < 250mA per reader Note: a max of 16 readers can be powered simultaneously
AUX Reader Ports	2x auxiliary reader ports (Verkada/RS-485) total	AUX Port Consumption	2x 12V @ 1A output 2x 24V @ 0.5A output Reader current consumption must be < 250mA per reader
Relay Outputs	1x wet or dry relay per door Wet relay switch-selectable power: 12V operation 1A max, 24V operation 0.5A max	Relay Outputs	Dry relay max pass-through power 24VDC @ 2A (resistive load) 2x auxiliary dry relays

Compliance and availability

Availability	USA, CAN, IN, UK, EU	Compliance & Safety	FCC Part 15 Class B, ICES-3 Class B, CE, UKCA, RCM, VCCI, UL 294, CAN/ULC 60839-11-1, UL 62368-1, CSA C22.2 No 62368-1, IEC 62368-1, NDAA
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General

Dimensions	Length: 773.0mm / 30.0in Width: 499.0mm / 20.0in Height: 166.0mm / 7.0in	Mounting Options	Mounting plate and 6 screws (#12x1")
Weight	20.0kg / 44lb	Operating Temperature	0°C - 50°C / 32°F - 122°F, 5 - 90% humidity
Included Accessories	Lock key and flat head screwdriver	Warranty	10 years

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Mini Series

Advanced Video Security in Mini Form Factors for Any Space



Overview

Verkada's Mini Series offers flexible, discreet cameras with exceptional image quality. It includes three indoor models (the CM22, CM42, and CM41-S) and one outdoor model (the CM41-E). These cameras are suitable for a variety of applications, from corporate offices and retail locations to banks and schools.

The CM22 provides essential video security features in a compact form. It is a 3MP camera with 10 meters of IR Range, and includes people and vehicle detection for motion search and trajectory analysis.

The CM42 is a compact and powerful camera that offers many core benefits found in our Dome Series cameras. It surpasses its predecessor in image quality and analytics performance with a cutting-edge Sony IMX675 image sensor, increased storage capacity and advanced Ambarella CV25588 system on a chip (SOC). It meets FN 50155 railway compliance standards and can be installed for transportation security on trains, buses and boats.

The CM41-E is ideal for outdoor installations and exposure to the elements, thanks to its IK10, IP67 and IP6K9K ratings that provide additional resistance against external impacts and high-pressure water.

The CM41-S is our most compact and flexible camera because its optics and image sensor are separate from the base. This makes it the only high-resolution hybrid cloud camera that can fit in small and narrow places like ATMs, between walls, or in spaces where other cameras with similar capabilities cannot be installed.

All Mini Series cameras come equipped with essential features such as data encryption, onboard storage and advanced motion-based insights. These features enable organizations to easily scale their security coverage and enhance situational awareness across multiple locations. Additionally, the CM42, CM41-E, and CM41-S possess powerful edge-based processing capabilities that offer advanced computer vision functionalities, including Verkada's People and Vehicle Analytics.

Key features

Coverage

- Bring clarity to investigations with 3MP+, high-definition sensor resolutions
- Effortlessly uncover in-scene details with enhanced digital zoom

Storage and processing

- 128GB-2TB of onboard storage
- Powered by an Ambarella chipset to support Verkada's edge-based video analytics
- Low-bandwidth impact, only using 20-50 kbps per camera at rest

Certifications

- IP67 weather rated outdoor models
- IK10 impact rated outdoor models
- IK08 impact rated indoor models
- NDAA compliant

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Jackson, MS 39213



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Mini Series

Verkada's hybrid cloud architecture



The Reliability of Onboard Storage, With the Accessibility of the Cloud

Simple to install

- No NVRs, DVRs, or servers—just a PoE connection
- Cameras come online and configure in minutes
- No added software or complexities like port forwarding

Easy to use

- Centralized management for secure remote access on any device nearly anywhere
- No training required to access footage and features
- Find, download and share footage from any device

Advantages of cloud-managed solution

- Real-time alerts if cameras fall offline
- SAML-based integration with single-sign on (SSO) solutions
- Continuous updates with new AI features
- Instantly share live footage via SMS and email
- Live, proactive alerting based on unusual activity

Ready for scale

- Bandwidth-friendly, operating at just 20-50 kbps
- Scale to thousands of cameras per location
- No added equipment needed to support additional cameras

No hidden costs

- Hardware includes up to a 10-year warranty
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs



¹ All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/learn-more>

www.verkada.com

sales@verkada.com 2

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2030 NW Progress Parkway
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Mini Series

Verkada Command overview

All-in-one Cloud-based Management Software for Verkada Security Cameras



Command, Verkada's cloud-based management software, is designed to deliver simple access and management for all cameras and users across all sites from virtually anywhere in the world. From Command, users can set up new cameras, create sites, manage settings, access live and archived footage, manage users and access the advanced features powered by Verkada's edge-based analytics

Manage from anywhere

- Remotely access footage and manage sites from any supported browser or device
- Native apps for iOS, Android and Verkada's VX52 Viewing Station
- Receive alerts for offline cameras, tampering and motion detection

Effortlessly archive and share

- Command licenses include unlimited cloud archiving and 30-days of cloud backup
- Easily export any footage in MP4 format and allow recipients to verify its authenticity
- Share Live Links and floorplans with first responders

Scale with simplicity

- Add more devices and sites without complicating the user experience
- Leverage granular roles and permissions to manage users at scale
- Bring cameras online without 3rd party plugins, thick clients or downloads

Stay secure from the ground up

- Stay secure with data encrypted in transit (AES 128) and at rest (AES 256)
- Access cameras securely without port-forwarding, VPNs, or complicated configurations
- Receive automatic firmware updates to stay a step ahead of emerging threats

Quickly detect and respond to threats

- Stay informed with customizable, intelligent alerts
- Speed up investigations with intelligent people and face detection
- Search and filter to find vehicles of interest and detected license plates

Streamline incident management

- Consolidate relevant footage to easily review and annotate
- Share incidents while controlling permissions and retaining audit logs
- Export incidents in a zip file and auto-generate incident reports

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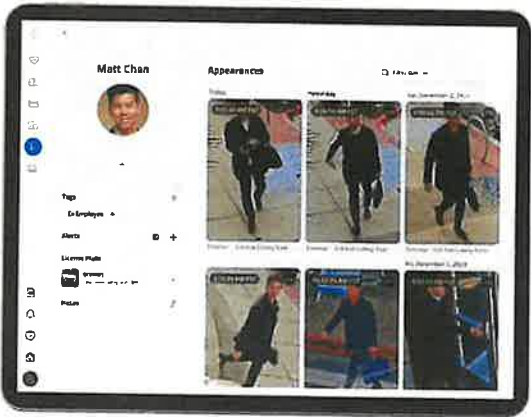
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Mini Series

Verkada's People Analytics

Simplify and Speed Up Investigations With Intelligent People and Face Detection



People Analytics combines intelligent edge-based video processing with computer vision in the cloud to give users high-quality images of all individuals identified in the scene. Using People Analytics, customers can filter people by various attributes and expedite investigations.

Bring Intelligence to Investigations

Face search

- Quickly search for matching people by selecting an existing face from your organization or by uploading an image

Person history

- Browse through high-resolution snapshots of people detected
- Save snapshots or easily access associated full-res video
- Search for matched people across your entire organization with cross-camera search

Attribute filters

- Filter based on a range of attributes, including clothing color, gender appearance and facial matches

Person of Interest notifications

- Create a Person of Interest using an uploaded photo or existing face in Command
- Set up proactive SMS/email alerts for when a matching face is detected by a camera
- Link License Plates of Interest to a Person of Interest

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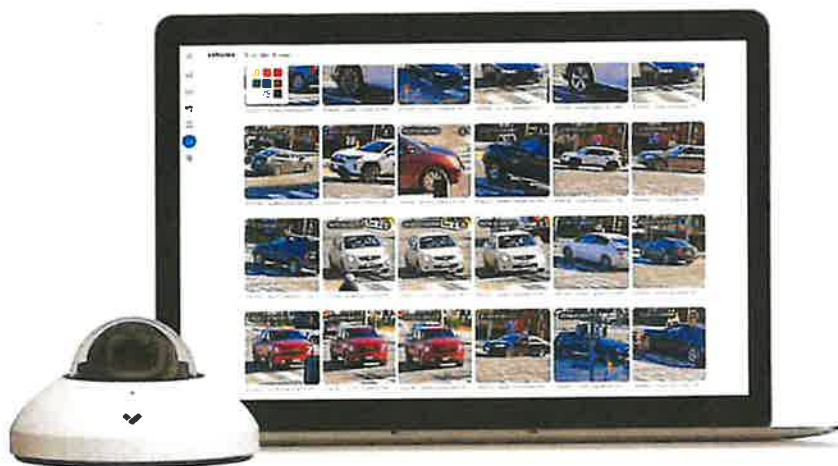
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Verkada's Vehicle Analytics Quickly Search and Filter To Find Vehicles of Interest



Vehicle Analytics is a powerful edge-based feature that gives users high-quality images of all vehicles identified in a scene. With Verkada's centralized management platform, customers can filter vehicles by date, time, color and body type.

Find and Filter Vehicles With Ease

Vehicle history

- Browse through high-resolution snapshots of vehicles detected in frame
- Save snapshots or easily access associated full-res video

Investigate anywhere

- Vehicle Analytics is available from any compatible device and can be accessed from virtually anywhere in the world

Cross-camera search

- Easily find similar vehicles of interest across all cameras deployed across all sites
- Create and export playback of multiple angles of a vehicle to quickly provide evidence

Attribute filters

- Filter based on a range of attributes, including vehicle color and body type

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Mini Series

Mini series model comparison

	CM22	CM42	CM41-E	CM41-S
Type	Indoor Mini Dome	Indoor Mini Dome	Outdoor Mini Dome	Split Mini Dome
Starting price (MSRP)	\$499	\$699	\$999	\$999
Warranty	5 years	10 years	10 years	10 years
Image sensor	3 MP	5 MP	5 MP	5 MP
IR range	10m / 33ft	20m / 66ft	15m / 49ft	N/A
Audio support		✓	✓	
People Analytics				
People detection (motion search, trajectory analysis)	✓	✓	✓	✓
People Analytics (People search, attribute search, face search, Occupancy Trends)		✓	✓	✓
Vehicle Analytics				
Vehicle Detection (Motion search, trajectory analysis)	✓	✓	✓	✓
Vehicle Analytics (vehicle search, attribute search, Occupancy Trends)		✓	✓	✓

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Mini Series

Mini Series camera
Tech Specs



CM22

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30sec to 1/10,000sec.
Sensor Resolution¹	3MP (2048 x 1536)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	10m / 33ft
Aperture	F1.6	Minimum Illumination	0.009 lux @ F1.6 (Color) 0 lux with IR illuminators on
Iris	Fixed	Onboard Storage	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 95° (79°) Vertical: 69° (62°) Diagonal: 130° (96°)	CPU	Amber - Cortex A35
Sensor Movement	Tilt: 60° Pan: 350° Resolution: 180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ⁴
Frame Rate³	24fps	Live Streaming Settings	High quality (HQ): up to 3,000 kbps (default) Standard quality (SQ): up to 600 kbps
WDR Technology	104 dB dynamic range, true WDR, dual exposure		

Standard audio settings

Audio	True HD Audio
--------------	---------------

Power and network

Power Input⁴	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	RJ-45 cat5e+ connector for network PoE interface: 10/100/1000 Mbps
Power Consumption⁴	With IR: 37-57V, 0.105-0.107A, 0.10W Without IR: 37-57V, 0.066-0.071A, 0.21W Extended temperature range: N/A	RTSP	RTSP 1.0 RFC 2818 Max. concurrent streams: 2 Audio support: No

1. Actual camera resolution and adaptive quality capturing both standard (SQ) and high quality (HQ) streams. SQ videos depend on the amount of network bandwidth available. The amount of HQ video stored on this camera will depend on the amount of memory allocated by the camera system. To learn more about our best practices, visit www.verkada.com/learn-more.
 2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified and straight output image.
 3. Frame rate can be adjusted by support.
 4. Extended temperature range includes operating temperatures below -8.5°C / 15.7°F and assumes IR will be enabled.

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Mini Series

Mini Series camera
Tech Specs



CM22

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	5 Years
Certifications	FCC, ICES, RCM, VCCI, CE, UKCA, EN 50155 railway compliance, UL/cUL/IEC 62368-1, NOM	Included Accessories	Setup guide, T10 security Torx screwdriver, 3x wingnuts, 3x washers, 3x TP4 0 mount screws, 3x M4 wall screws, 3x wall anchors

Mechanical

Weight	Camera: 290g / 10.23oz Mount plate: 90g / 3.18oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 124.5mm / 4.9in, H: 71.5mm / 2.8in		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	Motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Motion search, trajectory analysis		

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Mini Series

**Mini Series camera
 Tech Specs**



CM42

Camera features

Image Sensor	1/2.3" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution¹	5MP (2592 x 1944)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	20m / 65ft
Aperture	F1.8	Minimum Illumination	0.007 lux @ F1.9 (Color) 0 lux with IR illuminators on
Iris	Fixed	Onboard Storage	Capable. From 256GB to 2TB Card: MicroSD, SDAC
Field of View (after LDC²)	Horizontal: 95° (79°) Vertical: 127° (62°) Diagonal: 130° (76°)	CPU	Amberlo CV25588
Sensor Movement	Tilt: 50° Pan: 350° Roll: 180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ¹
Frame Rate³	24fps	Live Streaming Settings	High quality (HQ): Up to 3,000 Kbps (default) Standard quality (SQ): Up to 600 Kbps
WDR Technology	104 dB dynamic range, true WDR, dual exposure		

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	One-way audio	Effective Range	5m / 15ft

Power and network

Power Input⁴	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3at Type 1 PoE Extended temperature range: N/A	Connectivity	Ethernet cable connection for network/PoE Connection: 10 / 100 / 1000 Mbps
Power Consumption⁴	With IR: 3.7-5.7V, 0.16A, 0.107A @ 12V Without IR: 3.7-5.7V, 0.085-0.056A @ 12V Extended temperature range: N/A	RTSP	RTSP: 1.0 RTSP: 2.0 Max concurrent streams: 2 Auth support: Yes

1. All our cameras support adaptive quality. Supporting both standard (SQ) and high quality (HQ) streams. SQ video is stepped up to the amount of resolution specified by the customer. The amount of HQ video resolution on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website www.vorkada.com.
 2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.
 3. Frame rate can be adjusted by support.
 4. Extended temperature range includes operating temperatures below -8.5°C / 15.7°F and assumes IR will be enabled.

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Mini Series

**Mini Series camera
Tech Specs**



CM42

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, RCM, VCCI, CE, UKCA, EN 50155 railway compliance, UL/cUL/IEC 62368-1, NOM, IK08 impact rating	Included Accessories	Setup guide, T10 security torx screwdriver, 3x wingnuts, 3x washers, 3x TP4 0 mount screws, 3x M4 wall screws, 3x wall anchors

Mechanical

Weight	Camera: 290g / 10.23oz Mount plate: 98g / 3.46oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 124.5mm / 4.9in, H: 71.5mm / 2.8in		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		

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Mini Series

Mini Series camera
 Tech Specs



CM41-E

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution ¹	5MP (2592 x 1944)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	15m / 49ft
Aperture	F1.6	Minimum Illumination	0.009 lux @ F1.9 (Color) 0 lux with IR illuminators on
Iris	Fixed	Onboard Storage	Capacity: From 128GB to 2TB Card: MicroSD, SDXC
Field of View (after LDC ²)	Horizontal: 77°-78° Vertical: 71°-63° Diagonal: 84°/91°	CPU	ARMv7 Cortex A9
Sensor Movement	Tilt: 30° Pan: 355° Rotation: N/A ³		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ⁴
Frame Rate ³	4 fps	Live Streaming Settings	High quality (HQ): 1000 - 4500 kbps (1500 kbps default) Standard quality (SQ): 600 kbps

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	One-way audio	Effective Range	5m / 15ft

Power and network

Power Input ⁴	With IP: IEEE 802.3at Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3at Type 1 PoE	Connectivity	1x RJ45 RJ45 connector for network/PoE connection 10/100 Mbps
Power Consumption ⁴	With IR: 37-57W, 0.14-0.09A, 5.46W Without IR: 37-57W, 0.08-0.05A, 3.07W Extended temperature range: 37-57W, 0.07-0.17A, 10.1W	RTSP	RTSP-1.0 RTSP-2.0 Max concurrent streams: 4 Audio output: Yes

1. All camera parameters in adaptive quality, combining both standard (SQ) and high quality (HQ) streams. SQ videos stream up to the 2nd limit of resolution specified by the camera. The 3rd limit of HQ videos stream on the camera will depend on the amount of event or selected by the camera over time. To learn more, visit our website: www.vorkada.com
 2. Lens Distortion Correction (LDC) crops the sensor field of view to remove any lens distortion and stabilize output image.
 3. Frame rate can be adjusted by user.
 4. Extended temperature range includes operating temperatures between -5 to 57°C / 23 to 135°F and assumes IR is built-in.

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Mini Series

**Mini Series camera
 Tech Specs**



CM41-E

General

Operating Temperature	-40°C to 55°C / 40°F to 131°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, BIS, NOM, VCCI, IP67 weather rating, IP6K9K, IK10 impact rating, IEC 60950, IEC 62368, NDAA, EN 50155 railway compliance, EN 45545 railway fire compliance, EN 50121 railway EMC compliance	Included Accessories	Setup guide, T10 security torx screwdriver, wall mount screws (3x), junction box screws (2x), mounting template, desiccant bags, cable sealing components

Mechanical

Weight	Camera: 401g / 14.1oz Mount plate: 138g / 4.87oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 121mm / 4.78in, H: 72mm / 2.83in		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, motion search	Sharing and Privacy	Live link, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search		

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Mini Series

**Mini Series camera
 Tech Specs**



CM41-S

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec
Sensor Resolution¹	5MP (2688 x 1944)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	N/A
Aperture	F1.6	Minimum Illumination	0.009 lux @ F1.9 (Color) 0 lux with IR illuminators on
Iris	Fixed	Onboard Storage	Capacity: From 128GB to 384GB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 123° (91°)	CPU	Amberia SSL63
Sensor Movement	tilt: 90° Pan: N/A Rotation: 240°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ¹
Frame Rate³	24fps	Live Streaming Settings	High quality (HQ) Up to 3,000 Kbps (default) Standard quality (SQ) Up to 600 Kbps

Standard audio settings

Audio	Not Supported
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Power and network

Power Input⁴	With IR: N/A Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	PJ-45 cable connector for network/PoE connection, 10/100 Mbps
Power Consumption⁴	With IR: N/A Without IR: 37-57V, 0.1-0.06A, 3.55W Extended temperature range: N/A	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: No

1. All our cameras record in "adaptive quality," capturing both standard (SQ) and high quality (HQ) streams. SQ videos stored up to the amount of retention specified by the customer. The amount of HQ video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <http://www.vorkada.com/resources/adaptive-quality>
 2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.
 3. Frame rate can be adjusted by support.
 4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.

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Mini Series

**Mini Series camera
 Tech Specs**



CM41-S

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, NOM	Included Accessories	Setup guide, mounting template, camera mounting screws (2x), hub mounting screws (2x)

Mechanical

Weight	Camera: 199g / 7.02oz Mount plate: 55g / 1.94oz	Body	Aluminum, plastic housing
Dimensions	Camera Head: H: 47.90mm / 1.89in, W: 55.22mm / 2.17in, D: 35.22mm / 1.39in Base: Ø: 94.18mm / 3.70in, H: 27.64mm / 1.09in		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of interest detection, crowd detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, motion search	Sharing and Privacy	Live Link, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search		

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Meet your virtual guard

Professional video monitoring allows organizations to turn their Verkada cameras into a complete, monitored alarm solution - no extra hardware required. Simply select which cameras should be monitored, set an arm/disarm schedule and choose how monitoring agents should respond to a threat, such as remote talk down or notifying police.

How it works

Detect unusual activity

- Choose which cameras should be monitored and when. An alarm is triggered if a person is detected while the system is armed.
- Other Verkada devices, including intrusion sensors, access control and environmental sensors, can also be configured as alarm triggers.

Assess the threat

- Monitoring agents immediately review camera footage to determine if there is a threat to people or property.*
- Video-verification helps to ensure priority police response and screens out false alarms.

Take action

- If there is a legitimate threat, the monitoring agent will immediately notify your call list.
- Agents can also request an emergency dispatch or talk down to intruders through an on-site speaker.
- If there is no visible threat, the agent will dismiss the incident.

Key benefits



Detect intruders before they enter your building

Protect your perimeter with cameras that can detect intruders the minute they set foot on your property.



No alarm panel or sensors needed

Use cameras as intrusion sensors and get all the benefits of a monitored alarm system without any extra hardware.



Cut back on expensive in-person guards

Cameras detect intruders and agents can take action, reducing the need for live guards patrolling or watching cameras.



Help get priority police response

Video-verified alarms help the police know that they should respond quickly and helps you avoid false alarm fines.



Take action against intruders immediately

In addition to notifying law enforcement, our agents can talk down to intruders through a powerful speaker to scare them off.

*Professional monitoring with video verification is included in the LIC-BA Standard Alarm License or the LIC-BV Premium Alarm License. One License is required per location, and includes up to 50 monitored cameras. Monitoring is provided by fully redundant, US-based, UL-listed central monitoring stations with First Diamond Certification from The Monitoring Association. Certified monitoring centers are also available in Canada, the UK and Australia.

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CF81-E Fisheye Camera

Immersive 360° Coverage With Digital Pan-tilt-zoom



Overview

Verkada's CF81-E fisheye camera delivers dynamic viewing experiences by leveraging advanced onboard processing and a wide-angle 12MP image sensor. Users can choose between five viewing modes: panoramic, digital pan-tilt-zoom, 2-way split, 3-way split and 4-way split.

The CF81-E is IP67 weather rated for both indoor and highly-exposed outdoor installations. The exterior housing provides IK10 protection against direct impacts from vandals, hail and flying debris. Like all Verkada cameras, the CF81-E works out-of-the-box without any additional configurations.

All Verkada cameras include standard features like end-to-end encryption, onboard storage and advanced motion-based insights so organizations are able to quickly scale their coverage and increase situational awareness across any number of locations.

Key features

Coverage

- 12MP image sensor for wide-angle coverage
- Five viewing modes
 - 2-way split, 3-way split and 4-way split
 - Panoramic
 - Digital pan-tilt-zoom
- 20m / 66ft IR illuminators for nighttime visibility

Storage and processing

- 512GB-2TB of onboard storage
- Up to 90 days of retention in standard quality
- Low-bandwidth impact, only using 20-50 kbps

Certifications

- IP67 weather rating
- IK10 impact rating
- NDAA compliant

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CF81-E Fisheye Camera

Verkada's hybrid cloud architecture



The Reliability of Onboard Storage, With the Accessibility of the Cloud

Simple to install

- No NVRs, DVRs, or servers—just a PoE connection
- Cameras come online and configure in minutes
- No added software or complexities like port forwarding

Easy to use

- Centralized management for secure remote access on any device nearly anywhere
- No training required to access footage and features
- Find, download and share footage from any device

Advantages of cloud-managed solution

- Real-time alerts if cameras fall offline
- SAML-based integration with single-sign on (SSO) solutions
- Continuous updates with new AI features
- Instantly share live footage via SMS and email
- Live, proactive alerting based on unusual activity

Ready for scale

- Bandwidth-friendly, operating at just 20–50 kbps
- Scale to thousands of cameras per location
- No added equipment needed to support additional cameras

No hidden costs

- Hardware includes a 10-year warranty
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs



* All our cameras record in adaptive quality, capturing both standard and high-quality streams. Standard quality (SQ) videos store up to the amount of retention specified by the customer. The amount of high-quality video stored on the camera will depend on the amount of media deleted by the camera over time. To learn more, visit our website: <https://www.verkada.com/learn-more>

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CF81-E Fisheye Camera

Verkada Command overview
All-in-one Cloud-based Management
Software for Verkada Security Cameras



Command, Verkada's cloud-based management software, is designed to deliver simple access and management for all cameras and users across all sites from virtually anywhere in the world. From Command, users can set up new cameras, create sites, manage settings, access live and archived footage, manage users and access the advanced features powered by Verkada's edge-based analytics.

Manage from anywhere

- Remotely access footage and manage sites from any supported browser or device
- Native apps for iOS, Android and Verkada's VX52 Viewing Station
- Receive alerts for offline cameras, tampering and motion detection

Effortlessly archive and share

- Command licenses include unlimited cloud archiving and 30-days of cloud backup
- Easily export any footage in MP4 format and allow recipients to verify its authenticity
- Share Live Links and floorplans with first responders

Scale with simplicity

- Add more devices and sites without complicating the user experience
- Leverage granular roles and permissions to manage users at scale
- Bring cameras online without 3rd party plugins, thick clients or downloads

Stay secure from the ground up

- Stay secure with data encrypted in transit (AES 128) and at rest (AES 256)
- Access cameras securely without port-forwarding, VPNs, or complicated configurations
- Receive automatic firmware updates to stay a step ahead of emerging threats

Quickly detect and respond to threats

- Stay informed with customizable, intelligent alerts
- Speed up investigations with intelligent people and face detection
- Search and filter to find vehicles of interest and detected license plates

Streamline incident management

- Consolidate relevant footage to easily review and annotate
- Share incidents while controlling permissions and retaining audit logs
- Export incidents in a zip file and auto-generate incident reports

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CF81-E Fisheye Camera

Verkada's People Analytics

Simplify and Speed Up Investigations With Intelligent People and Face Detection



People Analytics combines intelligent edge-based video processing with computer vision in the cloud to give users high-quality images of all individuals identified in the scene. Using People Analytics, customers can filter people by various attributes and expedite investigations.

Bring Intelligence to Investigations

Face search

- Quickly search for matching people by selecting an existing face from your organization or by uploading an image

Person history

- Browse through high-resolution snapshots of people detected
- Save snapshots or easily access associated full-res video
- Search for matched people across your entire organization with cross-camera search

Attribute filters

- Filter based on a range of attributes, including clothing color, gender appearance and facial matches

Person of Interest notifications

- Create a Person of Interest using an uploaded photo or existing face in Command
- Set up proactive SMS/email alerts for when a matching face is detected by a camera
- Link License Plates of Interest to a Person of Interest

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CF81-E Fisheye Camera

Verkada's Vehicle Analytics
Quickly Search and Filter
To Find Vehicles of Interest



Vehicle Analytics is a powerful edge-based feature that gives users high-quality images of all vehicles identified in a scene. With Verkada's centralized management platform, customers can filter vehicles by date, time, color and body type.

Find and Filter Vehicles With Ease

Vehicle history

- Browse through high-resolution snapshots of vehicles detected in frame
- Save snapshots or easily access associated full-res video

Investigate anywhere

- Vehicle Analytics is available from any compatible device and can be accessed from virtually anywhere in the world

Attribute filters

- Filter based on a range of attributes, including vehicle color and body type

Cross-camera search

- Easily find similar vehicles of interest across all cameras deployed across all sites
- Create and export playback of multiple angles of a vehicle to quickly provide evidence

License Plate Recognition (LPR)

- Leverage a dual-camera system to provide LPR coverage, monitor a live LPR feed and search by plate number
- Receive License Plate of Interest alerts via SMS or email with an Image or link to review the associated footage

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CF81-E Fisheye Camera

Fisheye camera
 Tech Specs



CF81-E

Camera features

Image Sensor	1/2.3" Progressive CMOS	Shutter Speed	1/30sec. to 1/16,000sec.
Sensor Resolution¹	12MP (4056 x 3040), active pixels (3008 x 3008)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	1.8mm	IR Range	20m / 66ft
Aperture	F2.18	Minimum Illumination	0.005 lux @ F1.9 (Color) 0 lux with IR illumination
Iris	Fixed	Onboard Storage	Capacity: From 512GB to 2TB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 180° Vertical: 180° Diagonal: 180°	CPU	Amberella OV20S88
Sensor Movement	None		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ¹
Frame Rate³	24fps	WDR Technology	120dB dynamic range, true WDR dual exposure
Live Streaming Settings	High quality (HQ): Up to 4,000 Kbps (default) Standard quality (SQ): Up to 1,000 Kbps		

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	One-way audio	Effective Range	5m / 16ft

Power and network

Power Input⁴	With IR: IEEE 802.3at Type 1 PoE/ IEEE 802.3at Type 2 PoE+ Extended temperature range: IEEE 802.3at Type 2 PoE+	Connectivity	RJ45 cable connector (for network) PoE connection: 10/100 Mbps
Power Consumption⁴	With IR: 42.5 - 57V, 0.415 - 0.51A, 17.59W Without IR: 42.5 - 57V, 0.121 - 0.09A, 5.16W Extended temperature range: 42.5 - 57V, 0.57A - 0.422A, 24.1W	RTSP	RTSP I/O RFC 2818 Max concurrent streams: 2 Audio support: No

1. All our cameras record in "adaptive quality" capturing both standard (SQ) and high quality (HQ) streams. SQ videos stored up to the amount of retention specified by the customer. The amount of HQ videos stored on the camera will depend on the amount of storage capacity by the camera over time. To learn more, visit our website: www.verkada.com/en/faq/faq-10
 2. Lens Distortion Correction (LDC) crops the lens or field of view to deliver a corrected, undistorted, output image.
 3. Frame rate can be adjusted by the user.
 4. Extended temperature range includes operating temperatures below -6.5°C / 16.7°F and assumes IR will be enabled.

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CF81-E Fisheye Camera

Fisheye camera
 Tech Specs



CF81-E

General

Operating Temperature	-40°C to 50°C / -40°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, IK10 impact rating, IP67 weather rating	Included Accessories	Quick installation guide, screw packs, mount plate, mounting template, water-proof connectors, conduit adapter, T10 security driver, cable gland wrench

Mechanical

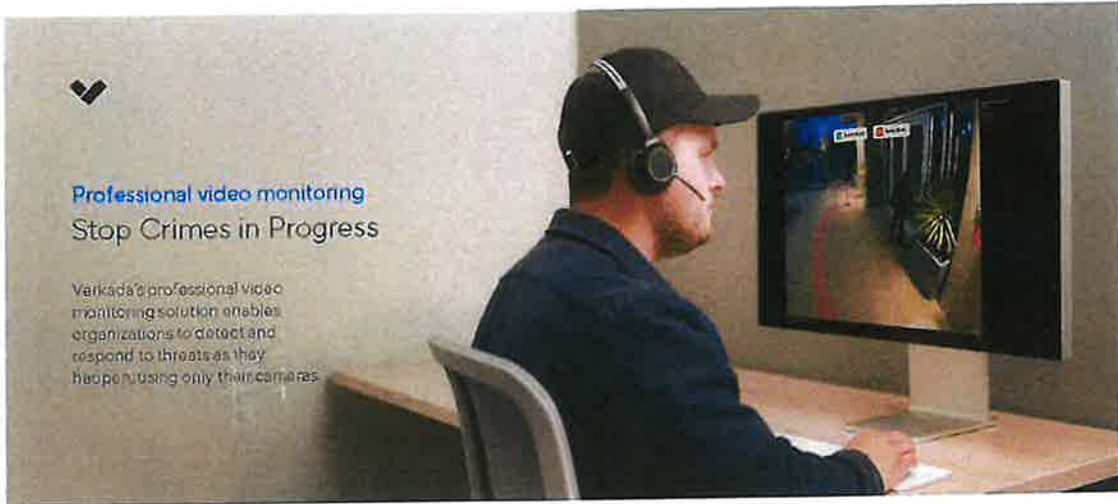
Weight	Camera: 1023.42g / 36.1oz Mount plate: 170.59g / 6.30oz	Body	Aluminum plastic dome trim
Dimensions	Ø 155mm / 6.10in, H 71.62mm / 2.82in with mount plate Ø 155mm / 6.10in, H 64.42mm / 2.54in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, motion search, trajectory analysis	Sharing and Privacy	Live Links, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis		

⁵ Trajectory analysis is supported in panoramic and ePTZ circle mode
 www.varkada.com

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Meet your virtual guard

Professional video monitoring allows organizations to turn their Verkada cameras into a complete, monitored alarm solution - no extra hardware required. Simply select which cameras should be monitored, set an arm/disarm schedule and choose how monitoring agents should respond to a threat, such as remote talk down or notifying police.

How it works

Detect unusual activity

- Choose which cameras should be monitored and when. An alarm is triggered if a person is detected while the system is armed.
- Other Verkada devices, including intrusion sensors, access control and environmental sensors, can also be configured as alarm triggers.

Assess the threat

- Monitoring agents immediately review camera footage to determine if there is a threat to people or property.*
- Video-verification helps to ensure priority police response and screens out false alarms.

Take action

- If there is a legitimate threat, the monitoring agent will immediately notify your call list.
- Agents can also request emergency dispatch or talk down to intruders through an on-site speaker.
- If there is no visible threat, the agent will dismiss the incident.

Key benefits



Detect intruders before they enter your building

Protect your perimeter with cameras that can detect intruders the minute they set foot on your property.



No alarm panel or sensors needed

Use cameras as intrusion sensors and get all the benefits of a monitored alarm system without any extra hardware.



Cut back on expensive in-person guards

Cameras detect intruders and agents can take action, reducing the need for live guards patrolling or watching cameras.



Help get priority police response

Video-verified alarms help the police know that they should respond quickly and helps you avoid false alarm fines.



Take action against intruders immediately

In addition to notifying law enforcement, our agents can talk down to intruders through a powerful speaker to scare them off.

*Professional monitoring with video verification is included in the LIC-BA Standard Alarm License or the LIC-BV Premium Alarm License. One License is required per location and includes up to 50 monitored cameras. Monitoring is provided by fully redundant, US-based, UL-listed central monitoring stations with Five Diamond Certification from The Monitoring Association. Colored monitoring centers are also available in Canada, the UK and Australia.

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Dome Series

Intelligent Video Security Built to Simplify Investigations



Overview

Verkada's Dome Series offers enterprise-grade security in a range of models for indoor and outdoor use. These hybrid cloud cameras have durable, vandal-resistant designs and can capture images with up to 4K resolution. They are easy to install and require no additional setup, downloads, or configuration.

The Dome Series has standard features like data encryption, onboard storage, and advanced motion-based insights. This allows organizations to quickly scale their security coverage and increase situational awareness across multiple locations.

These cameras also have powerful edge processing capabilities that deliver advanced computer vision features, including Verkada's People and Vehicle Analytics. This allows users to quickly filter people and vehicles based on attributes like clothing color, gender traits and facial matches, as well as vehicle type and color.

Key features

Enterprise-grade performance

- High-resolution sensors up to 4K
- Dedicated system-on-a-chip for an enhanced streaming experience
- Advanced edge processing for motion, People and Vehicle Analytics

Storage and processing

- 256GB-2TB of onboard storage
- Up to 365 days of retention in standard quality
- Low-bandwidth impact, only using 20-50 kbps per camera at rest

Certifications

- IP67 weather rated outdoor models
- IK10 impact rated outdoor models
- IK08 impact rated indoor models
- NDAA compliant

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Dome Series

Verkada's hybrid cloud architecture



The Reliability of Onboard Storage, With the Accessibility of the Cloud

Simple to Install

- No NVRs, DVRs, or servers—just a PoE connection
- Cameras come online and configure in minutes
- No added software or complexities like port forwarding

Easy to use

- Centralized management for secure remote access on any device nearly anywhere
- No training required to access footage and features
- Find, download and share footage from any device

Advantages of cloud-managed solution

- Real-time alerts if cameras fall offline
- SAML-based integration with single-sign on (SSO) solutions
- Continuous updates with new AI features
- Instantly share live footage via SMS and email
- Live, proactive alerting based on unusual activity

Ready for scale

- Bandwidth-friendly, operating at just 20–50 kbps
- Scale to thousands of cameras per location
- No added equipment needed to support additional cameras

No hidden costs

- Hardware includes a 10-year warranty²
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs



¹ All our cameras record in 1080p resolution and support both standard and 4K resolution streams. On an 8 Mbps link, 1080p resolution streams use up to the amount of bandwidth specified by the cost of 720p resolution. 4K resolution streams use up to 10 times the bandwidth of 1080p resolution streams. Actual bandwidth usage may vary based on camera configuration and network conditions.

² Verkada's 10-year warranty covers all our cameras. See www.verkada.com/warranty.

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Dome Series

Verkada Command overview
All-in-one Cloud-based Management
Software for Verkada Security Cameras



Command, Verkada's cloud-based management software, is designed to deliver simple access and management for all cameras and users across all sites from virtually anywhere in the world. From Command, users can set up new cameras, create sites, manage settings, access live and archived footage, manage users and access the advanced features powered by Verkada's edge-based analytics.

Manage from anywhere

- Remotely access footage and manage sites from any supported browser or device
- Native apps for iOS, Android and Verkada's VX52 Viewing Station
- Receive alerts for offline cameras, tampering and motion detection

Effortlessly archive and share

- Command licenses include unlimited cloud archiving and 30-days of cloud backup
- Easily export any footage in MP4 format and allow recipients to verify its authenticity
- Share Live Links and floorplans with first responders

Scale with simplicity

- Add more devices and sites without complicating the user experience
- Leverage granular roles and permissions to manage users at scale
- Bring cameras online without 3rd party plugins, thick clients or downloads

Stay secure from the ground up

- Stay secure with data encrypted in transit (AES 128) and at rest (AES 256)
- Access cameras securely without port-forwarding, VPNs, or complicated configurations
- Receive automatic firmware updates to stay a step ahead of emerging threats

Quickly detect and respond to threats

- Stay informed with customizable, intelligent alerts
- Speed up investigations with intelligent people and face detection
- Search and filter to find vehicles of interest and detected license plates

Streamline incident management

- Consolidate relevant footage to easily review and annotate
- Share incidents while controlling permissions and retaining audit logs
- Export incidents in a zip file and auto-generate incident reports

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Dome Series

Verkada's People Analytics

Simplify and Speed Up Investigations

With Intelligent People and Face Detection



People Analytics combines intelligent edge-based video processing with computer vision in the cloud to give users high-quality images of all individuals identified in the scene. Using People Analytics, customers can filter people by various attributes and expedite investigations.

Bring Intelligence to Investigations

Face search

- Quickly search for matching people by selecting an existing face from your organization or by uploading an image

Person history

- Browse through high-resolution snapshots of people detected
- Save snapshots or easily access associated full-res video
- Search for matched people across your entire organization with cross-camera search

Occupancy Trends

- Estimate how many people cross a customizable digital line on a video feed
- Monitor usage of a space to optimize business operations

Attribute filters

- Filter based on a range of attributes, including clothing color, gender appearance and facial matches

Person of Interest notifications

- Create a Person of Interest using an uploaded photo or existing face in Command
- Set up proactive SMS/email alerts for when a matching face is detected by a camera
- Link License Plates of Interest to a Person of Interest

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Dome Series

Verkada's Vehicle Analytics Quickly Search and Filter To Find Vehicles of Interest



Vehicle Analytics is a powerful edge-based feature that gives users high-quality images of all vehicles identified in a scene. With Verkada's centralized management platform, customers can filter vehicles by date, time, color and body type.

Find and Filter Vehicles With Ease

Vehicle history

- Browse through high-resolution snapshots of vehicles detected in frame
- Save snapshots or easily access associated full-res video

Investigate anywhere

- Vehicle Analytics is available from any compatible device and can be accessed from virtually anywhere in the world

Cross-camera search

- Easily find similar vehicles of interest across all cameras deployed across all sites
- Create and export playback of multiple angles of a vehicle to quickly provide evidence

Attribute filters

- Filter based on a range of attributes, including vehicle color and body type

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Dome Series

Dome camera model comparison

	CD22 / CD22-E	CD32 / CD32-E	CD42 / CD42-E	CD52 / CD52-E	CD62 / CD62-E
Warranty	5 years	10 years	10 years	10 years	10 years
Image sensor	3MP (2048 x 1536)	3MP (2048 x 1536)	5MP (2688 x 1944)	5MP (2688 x 1944)	4K (3840 x 2160)
IR range	10m / 33ft	15m / 49ft	15m / 49ft	30m / 98ft	30m / 98ft
People Analytics					
People Detection (Motion search, trajectory analysis)	✓	✓	✓	✓	✓
People Analytics (People search, attribute search, face search, Occupancy Trends)		✓	✓	✓	✓
Vehicle Analytics					
Vehicle Detection (Motion search, trajectory analysis)	✓	✓	✓	✓	✓
Vehicle Analytics (Vehicle search, attribute search, Occupancy Trends)		✓	✓	✓	✓
Additional features					
Audio support		✓	✓	✓	✓
Optical zoom				✓	✓

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Dome Series

Indoor Dome Series
Tech Specs



CD22

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec to 1/10,000 sec
Sensor Resolution¹	3MP (2048 x 1536)	Day/Night	IR-cut filter for day and night time
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	3.6mm	IR Range	10m / 33ft
Aperture	F1.2	Minimum Illumination	0.001 lux @ F1.2 (1 pixel) 0 lux @ F1.2 (1 frame @ 10 FPS)
Iris	Fixed	Onboard Storage	Capacity: From 256GB to 768GB Card: MicroSD, SD-C
Field of View (after LDC)²	Horizontal: 93° (25°) Vertical: 31° (15°) Diagonal: 103° (17°)	CPU	Armada 1500
Sensor Movement	Tilt: 60° Pan: 355° Rotation: 180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ¹
Frame Rate³	24fps	Live Streaming Settings	High quality (H.265) Up to 30 Mbps (default) Standard quality (H.264) Up to 400 kbps

Standard audio settings

Audio	HiFi SuperMC
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Power and network

Power Input⁴	With IR: 1.66A, 80W (at Type 1 PoE) Without IR: 1.65A, 80W (at Type 1 PoE) Extended temperature range: 11A	Connectivity	Port 25: GigE/Analog (optional), PoE *Standard: 10/100/1000
Power Consumption⁴	With IR: 31.52W (at 3.0A @ 10.5V) Without IR: 31.52W (at 3.0A @ 10.5V) Extended temperature range: 11A	RTSP	RTSP-IO RTP/RTCP Max Client: 4 streams, 7 *Stream support: 10

1. All our cameras record in adaptive quality, including both standard (SD) and high quality (HQ) streams. SD videos are adjusted to the amount of retention specified by the customer. The amount of HQ videos stored on the camera will depend on the amount of motion detected by the camera's sensor. To learn more visit our website.
 2. Low Distortion Correction (LDC) crops the sensor field of view to deliver a distortion-free, undistorted output image.
 3. Frame rate can be adjusted by support.
 4. Extended temperature range: widest operating temperature: below -5 °C / 23 °F and 55 °C / 131 °F max.



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Dome Series

Indoor Dome Series
Tech Specs



CD22

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	5 Years
Certifications	UL, FCC, CB, CE, BIS, NOM, KCC, IK08 impact rating	Included Accessories	Setup guide, T10 security torx screwdriver, screw pack, mounting template

Mechanical

Weight	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	Motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Motion search, trajectory analysis		

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Dome Series

Indoor Dome Series
Tech Specs



CD32

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/5050s - 1/10,000s
Sensor Resolution¹	3MP (2048 x 1536)	Day/Night	IR cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	3.0mm	IR Range	85m (280ft)
Aperture	F1.5	Minimum Illumination	0.009 Lux @ F1.2 (0.366 Lux with IR illumination)
Iris	Fixed	Onboard Storage	Capacity: 16GB (16GB/32GB/64GB/128GB/256GB)
Field of View (after LDC)²	Horizontal: 97.7(97.7) Vertical: 71.6(71.6) Diagonal: 119.1(119.1)	CPU	Armada 3720V2048
Sensor Movement	±4.0°H ±16.1°V Rotating 360°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ³
Frame Rate⁴	24fps	Live Streaming Settings	High quality (+3) Up to 1000 kbps (default) Standard quality (SQ) Up to 500 kbps

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	On-demand	Effective Range	5m (15ft)

Power and network

Power Input⁴	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: 11JA	Connectivity	RJ45 cable connector for network PoE connection 10/100/1Gbps
Power Consumption⁴	With IR: 47.47W, 0.23-0.15A, 4.59W Without IR: 37.67W, 0.11-0.07A, 4.25W Extended temperature range: 11JA	RTSP	RTSP-10 RTSP-50L Real-time transcoding Audio support: Yes

1. All our cameras record in adaptive quality, capturing both standard (SQ) and high quality (HQ) streams. SQ videos stored up to the amount of retention specified by the customer. The amount of HQ videos stored on the camera will depend on the amount of motion detected by the camera over time. To learn more visit our website www.verkada.com
 2. Lens Distortion Correction (LDC) crops the sensor field of view to eliminate distortion in recorded output image.
 3. Frame rate can be adjusted by support.
 4. Extended temperature range provides operating temperatures (-5.5°C / 23.7°F and extreme IR) - 11JA model.



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Dome Series

**Indoor Dome Series
 Tech Specs**



CD32

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	UL, FCC, CB, CE, BIS, NOM, KCC, IK08 impact rating	Included Accessories	Setup guide, T10 security torx screwdriver, screw pack, mounting template

Mechanical

Weight	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		



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Dome Series

**Indoor Dome Series
 Tech Specs**



CD42

Camera features

Image Sensor	1/2.8" Progressive Scan CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution¹	5MP (2592 x 1944)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	15m (49ft)
Aperture	F1.6	Minimum Illumination	0.05 lux @ F1.9 (Color) 0 lux with IR Illumination
Iris	Fixed	Onboard Storage	Capacity: 16GB (32GB) Load: MicroSD, SDHC
Field of View (after LDC)²	Horizontal: 77.1° (78°) Vertical: 27.1° (35°) Diagonal: 82.4° (91°)	CPU	ARM926T/Cortex-M0
Sensor Movement	Tilt: 0° Pan: 355° Roll: 0°/180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ³
Frame Rate⁴	24fps	Live Streaming Settings	High quality (H4) Up to 600Kbps (default) Standard quality (SQ) Up to 200Kbps

Standard audio settings

Audio	Supplied	Interface	Built-in microphone
Audio Capacity	16 channels/16MP	Effective Range	5m (15ft)

Power and network

Power Input⁴	With IR: 12V DC 2.3A 1.0A 1.0A Without IR: 12V DC 2.0A 1.0A 1.0A Extended temperature range: 0/4	Connectivity	RS485 (dip switch) for network PoE Optional: 10/100Mbps
Power Consumption⁴	With IR: 17.57W, 0.231C, 0.15A, 4.59W Without IR: 37.57W, 0.11-0.07A, 4.25W Extended temperature range: 0/4	RTSP	RTSP-1.0 RTSP-2.0 Maximum: 127 endpoints Admin: supplied

1 All our cameras record in "adaptive quality" capturing both standard (SQ) and high quality (H4) streams. SQ videos stored up to the amount of retention specified by the customer. The amount of HQ videos stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website at www.verkada.com.
 2 Lens Occlusion Correction (LDC) corrects the sensor field of view to deliver a straightened, undistorted output image.
 3 Frame rate can be adjusted by support.
 4 Extended temperature range includes operating temperatures below -9.5°C / 16.7°F and assumes IR is not installed.



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Dome Series

Indoor Dome Series
Tech Specs



CD42

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	UL, FCC, CB, CE, BIS, NOM, KCC, IK08 impact rating	Included Accessories	Setup guide, T10 security torx screwdriver, screw pack, mounting template

Mechanical

Weight	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 146mm / 5.75in, H: 104.3mm / 4.1in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		



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Dome Series

Indoor Dome Series
Tech Specs



CD52

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution¹	5MP (2544 x 1944)	Day/Night	IR-cut filter for day and night function
Lens Type	Variable, unimounted, zoom	IR Cut Filter	Yes
Focal Length	3.4 - 9mm	IR Range	24x (200')
Aperture	F1.5 - F2.4	Minimum Illumination	0.001 Lux @ F1.5 (Color) 0 Lux with IR Illumination
Iris	Pinless	Onboard Storage	Capacity: Fixed 25.6GB to 2TB 5.25" Hard Drive, SATA
Field of View (after LDC²)	Horizontal: 108° (205° with LDC) Vertical: 29° (77° with LDC) Diagonal: 29° (100° with LDC)	CPU	Arm Mali G57 6-core
Sensor Movement	Tilt: 0° to 11° Roll: 0° to 158° Rotation: 360°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive (config ³)
Frame Rate⁴	24fps	Live Streaming Settings	High quality (H.265) up to 3,000 Kbps (default) Standard quality (H.264) up to 500 Kbps

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	On-premise system	Effective Range	100' (30m)

Power and network

Power Input⁴	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range - 11/4	Connectivity	Ethernet cable conn. for network/PoE RJ45, 10/100 Mbps
Power Consumption⁴	With IR: 37.57V @ 3.40 2A, 120.98W Without IR: 37.57V @ 1.31 0.84A, 4.74W Extended temperature range - 11/4	RTSP	RTSP-IP RTSP-HTTP Multi-protocol file sharing Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard (SQ) and high quality (HQ) streams. SQ videos are stored up to the amount of storage specified by the customer. The amount of HQ video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website <https://www.verkada.com/en/learn-more/adaptive-quality>.
 2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified and undistorted output image.
 3. Frame rate can be adjusted by support.
 4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F, and assumes IR will be enabled.

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Dome Series

Indoor Dome Series
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CD52

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, NOM, KCC, IK08 impact rating	Included Accessories	Setup guide, T10 security torx screwdriver, screw pack, mounting lamplate

Mechanical

Weight	Camera: 776g / 29.66oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		

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Dome Series

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 Tech Specs**



CD62

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution¹	4K (3840x 2160)	Day/Night	IR-cut filter for day and night function
Lens Type	Varifocal motorized zoom	IR Cut Filter	Yes
Focal Length	2.8-9 mm	IR Range	30m / 98ft
Aperture	F1.3 - F2.4	Minimum Illumination	0.009 lux @ F1.9 (Color) 0 lux with IR illuminators on
Iris	P-Iris	Onboard Storage	Capacity: From 512GB to 2TB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 41° - 116° (40° - 100°) Vertical: 23° - 62° (23° - 57°) Diagonal: 47° - 136° (45° - 106°)	CPU	Amberella CV22566
Sensor Movement	Tilt: 60° Pan: 355° Rotation: 350°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ¹
Frame Rate³	24fps	Live Streaming Settings	High quality (HQ): Up to 4,500 Kbps (default) Standard quality (SQ): Up to 600 Kbps

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	On-chip audio	Effective Range	5m / 15ft

Power and network

Power Input⁴	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption⁴	With IR: 37-57W, 0.38-0.25A, 14.2W Without IR: 37-57W, 0.17-0.11A, 6.2W Extended temperature range: N/A	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

¹ All our cameras record in "adaptive quality," capturing both standard (SQ) and high quality (HQ) streams. SQ video is stored up to the amount of retention specified by the customer. The amount of HQ video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: www.verkada.com/learn-more
² Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.
³ Frame rate can be adjusted by support.
⁴ Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



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Dome Series

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CD62

General

Operating Temperature	-10°C to 50°C / 14°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, IK08 impact rating, IEC60950-1, KCC, BIS	Included Accessories	Setup guide, T10 security torx screwdriver, screw pack, mounting template

Mechanical

Weight	Camera: 867g / 31.29oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		

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Dome Series

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CD22-E

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution¹	3MP (2048 x 1536)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	100m (330ft)
Aperture	F 3.5	Minimum Illumination	0.05 Lux @ 30m (0.001 lux with IR illuminators on)
Iris	Fixed	Onboard Storage	Up to 64GB (up to 256GB with 64GB Card, Micro-SD, SD, etc.)
Field of View (after LDC²)	Horizontal: 77° (78°) Vertical: 71° (57°) Diagonal: 128° (91°)	CPU	Amorella MV2552 ³
Sensor Movement	Tilt: 60° Pan: 355° Rotation: 180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ⁴
Frame Rate³	24fps	Live Streaming Settings	High quality (HQ) Up to 3,000 x 2,000 x 30fps (default) Standard quality (SQ) Up to 1,920 x 1,080 x 30fps

Standard audio settings

Audio	Not Supported
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Power and network

Power Input⁴	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3af Type 2 PoE	Connectivity	RJ-45 cable connector for network/PoE Wi-Fi (802.11ac) / 10/100Mbps
Power Consumption⁴	With IR: 17.57V, 0.13A, 2.28W Without IR: 17.57V, 0.11A, 1.93W Extended temperature range: 17.57V, 0.46A, 8.04W	RTSP	RTSP-0 RTSP-1 RTSP-2 (with Hi3516) RTSP-3 (with Hi3516) All RTSP ports are

¹ About camera record in adaptive quality, capturing both standard (SQ) and high quality (HQ) streams. SQ videos stream up to the amount of resolution specified by the customer. The amount of HQ video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit www.verkada.com.
² Lens Distortion Correction (LDC) crops the camera field of view to deliver a specified square output image.
³ Frame rate can be adjusted by support.
⁴ Extended temperature range includes operating temperatures below -9.5°C / 15°F and assumes 10% relative humidity.

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CD22-E

General

Operating Temperature	-40°C to 50°C / -40°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	5 Years
Certifications	FCC, ICES, CE, UL, CB, NOM, IP67 weather rating, IK10 impact rating, KCC	Included Accessories	Setup guide, wall mount screws & anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

Mechanical

Weight	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.10in, H: 107.6mm / 4.24in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	Motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Motion search, trajectory analysis		

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CD32-E

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30sec to 1/10000sec
Sensor Resolution¹	3MP (2048 x 1536)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	15m / 49ft
Aperture	F1.6	Minimum Illumination	0.008 lux @ F1.6 (0.1 lux @ F1.6 with 0.1 lux minimum)
Iris	Fixed	Onboard Storage	Capacity: From 16GB to 768GB (with MicroSD Slot)
Field of View (after LDC²)	Horizontal: 92° (78°) Vertical: 71° (57°) Diagonal: 113° (91°)	CPU	Amlogic V2558H
Sensor Movement	Tilt: 60° Pan: 355° Rotation: 180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality
Frame Rate³	24fps	Live Streaming Settings	High quality (HQ) - Max: 2000 FPS (default) Standard quality (SQ) - Max: 600 FPS

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	Unlimited audio	Effective Range	5m / 15ft

Power and network

Power Input⁴	With IR: IEEE 802.3at Type 1 PoE Without IR: IEEE 802.3at Type 1 PoE Extended temperature range IEEE 802.3at Type 1 PoE	Connectivity	RTSP, ONVIF, HTTP, RTMP, RTSP, P2P, FTP, SFTP, NFS, SMB, iSCSI, NTP, DNS, DHCP, DDNS, UPnP, Bonjour, Bonjour AV, Bonjour IGMP, Bonjour mDNS, Bonjour mDNS-RE, Bonjour mDNS-RE, Bonjour mDNS-RE, Bonjour mDNS-RE
Power Consumption⁴	With IR: 0.37V, 0.23-0.16A, 0.02W Without IR: 0.37V, 0.11-0.11A, 0.02W Extended temperature range: 0.37V, 0.16-0.3A, 0.04W	RTSP	RTSP Live RTSP On Demand Max concurrent streams: 2 Audio support: Yes

¹ All our cameras record in Adaptive quality,² capturing both standard (SQ) and high quality (HQ) streams. SQ videos close up to the amount of retention specified by the customer. The amount of HQ videos stored on their servers will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/learn-more>.
² Lens Distortion Correction (LDC) crops the sensor field of view to deliver a straightened and undistorted image.
³ Frame rate can be adjusted by support.
⁴ Extended temperature range includes: operating temp: -40°C to 77°F and storage: -40°C to 77°F and assumes PoE will be enabled.



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General

Operating Temperature	-40°C to 50°C / -40°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, NOM, IP67 weather rating, IK10 impact rating, KCC	Included Accessories	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

Mechanical

Weight	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	Ø 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.10in, H: 107.6mm / 4.24in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		

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Camera features

Image Sensor	1/2.8" Progressive Scan CMOS	Shutter Speed	1/30sec to 1/10,000sec
Sensor Resolution¹	5MP (2688 x 1920)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	20m / 66ft
Aperture	F1.2	Minimum Illumination	0.06 Lux @ F1.2 (Color) 0.05 Lux @ F1.2 (Monochrome)
Iris	Fixed	Onboard Storage	Optional: From 16GB to 2TB Standard: 4GB, 8GB
Field of View (after LDC²)	Horizontal: 92° (78°) Vertical: 71° (63°) Diagonal: 123° (91°)	CPU	Armada™ CV5020
Sensor Movement	Tilt: 50° Pan: 354° Rotation: 180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ¹
Frame Rate³	24fps	Live Streaming Settings	High quality (H.265) @ 3000 x 2000 (6fps max) Standard quality (H.264) @ 1080 x 1080

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	One-way audio	Effective Range	5m / 15ft

Power and network

Power Input⁴	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3af Type 2 PoE	Connectivity	1 RJ45 (PoE) port, 1 RJ45 (non-PoE) 1 USB Type-C port
Power Consumption⁴	With IR: 37.57W, 0.13A @ 15A, 3.56W Without IR: 37.57W, 0.11A @ 15A, 4.25W Extended temperature range: 37.57W, 0.46-0.5A, 15.24W	RTSP	RTSP-ON RTSP-Off Max. resolution: 1080p Audio: up to 16s

1 All our cameras record in "adaptive quality," capturing both standard (SQ) and high quality (HQ) streams. SQ videos stored up to the amount of retention specified by the customer. The amount of HQ video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website www.vorkada.com.
 2 Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.
 3 Frame rate can be adjusted by support.
 4 Extended temperature range includes operating temperatures below -9.5°C / 16.7°F and assumes IP will be enabled.



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General

Operating Temperature	-40°C to 50°C / -40°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, NOM, IP67 weather rating, IK10 impact rating, KCC	Included Accessories	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

Mechanical

Weight	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	Ø 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø 155mm / 6.10in, H 107.6mm / 4.24in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		



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Camera features

Image Sensor	1/2.8" Progressive Scan CMOS	Shutter Speed	1/30 to 1/10,000 sec
Sensor Resolution¹	5MP (2592 x 1944)	Day/Night	IR cut filter for day and night time
Lens Type	Varifocal, manual, fixed zoom	IR Cut Filter	Yes
Focal Length	2.8-8mm	IR Range	30m (98ft)
Aperture	F2.0	Minimum Illumination	0.009 lux @ 50m (0.0001 lux with 1" illuminator)
Iris	Pass	Onboard Storage	Optional: Front Door (8 or 16 3.5" HDD, 1TB, 2TB, 4TB)
Field of View (after LDC)²	Horizontal: 108° (105° (27° x 20°) Vertical: 79° (75° (21° x 21°) Diagonal: 129° (125° (21° x 21°)	CPU	Amlogic A311D
Sensor Movement	Pitch: 45° Roll: 55° Yaw: 180°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Available (24MP)
Frame Rate³	24FPS	Live Streaming Settings	High quality (42FPS) / Standard quality (30FPS) / 600 kbps

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	24hrs x 160	Effective Range	30m (98ft)

Power and network

Power Input⁴	With IR: IEEE 802.3at Type 1 PoE Without IR: IEEE 802.3at Type 1 PoE Extended temperature range IEEE 802.3at Type 2 PoE+	Connectivity	Ethernet (RJ45) / PoE (RJ45) / WiFi (802.11n) / 3G / 4G LTE
Power Consumption⁴	With IR: 37-57V @ 3.0-0.2A, 10.6-18W Without IR: 37-57V @ 3.0-0.08A, 11-13W Extended temperature range: 37-57V @ 4.3-0.28A, 15-20W	RTSP	RTSP-IP RTSP-UDP Real-time monitoring streams Audio support: Yes

¹ All our cameras record in adaptive quality (both H.264 and H.265) streams. SQV (Standard Quality) is stored up to the amount of storage specified by the customer. The amount of H.265 for storage on the camera will depend on the amount of motion detected by the camera over time. To learn more visit our website.
² Lens Distortion Correction (LDC) clips the sensor field of view to deliver a corrected and stored output image.
³ Frame rate can be adjusted by suppliers.
⁴ Extended temperature range includes operating temperatures between -50C (-58F) and +70C (158F) and assumes IP will be installed.



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General

Operating Temperature	-40°C to 50°C / -40°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, NOM, KCC, IP67 weather rating, IK10 impact rating	Included Accessories	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

Mechanical

Weight	Camera: 1070g / 37.74oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.10in, H: 107.6mm / 4.24in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		

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CD62-E

Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30sec. to 1/10,000 sec.
Sensor Resolution¹	4K (7680 x 3840)	Day/Night	IR-cut filter for day and night function
Lens Type	Varifocal, motorized zoom	IR Cut Filter	Yes
Focal Length	2.8-8mm	IR Range	30m / 98ft
Aperture	F1.8-F2.4	Minimum Illumination	0.009 lux @ F1.8 (Color) 0 lux with IR illuminators on
Iris	0-10x	Onboard Storage	Capacity: From 512GB to 2TB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 41°-125° (10°-100°) Vertical: 11°-61° (3°-57°) Diagonal: 47°-132° (15°-102°)	CPU	Amberfield V2023a
Sensor Movement	Tilt: 60° Roll: 35° Rotation: 270°		

Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality ⁴
Frame Rate³	24fps	Live Streaming Settings	High quality (HQ) Up to 4,500 kbps (default) Standard quality (SQ) Up to 500 kbps

Standard audio settings

Audio	Supported	Interface	Built-in microphone
Audio Capacity	On-demand	Effective Range	5m / 16ft

Power and network

Power Input⁴	With IR: IEEE 802.3at Type 1 PoE Without IR: IEEE 802.3at Type 1 PoE Extended temperature range: IEEE 802.3at Type 2 PoE+	Connectivity	Ethernet cable connector for network PoE Ethernet, 10/100 Mbps
Power Consumption⁴	With IR: 57.57V, 0.08-0.11A, 4.0W Without IR: 37.57V, 0.17-0.11A, 6.0W Extended temperature range: 37.57V, 0.33-0.14A, 19.51W	RTSP	RTSP 1.0 RTSP 2.0 Multi-connection stream Audio supported: Yes

1. All our cameras receive single video by capturing both standard (SQ) and high quality (HQ) streams. SQ videos stored up to the amount of return specified by the customer. The amount of HQ video stored on the camera will depend on the amount of motion detected by the camera over time. Please refer to our website for more information.
 2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.
 3. Frame rate can be adjusted by support.
 4. Extended temperature range includes operating temperatures below 0°F (-17.7°F) and assumes it will be installed.

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Dome Series

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CD62-E

General

Operating Temperature	-40°C to 50°C / -40°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, ICES, CE, UL, CB, IP67 weather rating, IK10 impact rating, IEC60950-1, KCC, BIS	Included Accessories	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

Mechanical

Weight	Camera: 994g / 35.06oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 155mm / 6.1in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.1in, H: 107.6mm / 4.24in without mount plate		

Software capabilities

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends		

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Meet your virtual guard

Professional video monitoring allows organizations to turn their Verkada cameras into a complete, monitored alarm solution - no extra hardware required. Simply select which cameras should be monitored, set an arm/disarm schedule and choose how monitoring agents should respond to a threat, such as remote talk down or notifying police.

How it works

Detect unusual activity

- Choose which cameras should be monitored and when. An alarm is triggered if a person is detected while the system is armed.
- Other Verkada devices, including intrusion sensors, access control and environmental sensors, can also be configured as alarm triggers.

Assess the threat

- Monitoring agents immediately review camera footage to determine if there is a threat to people or property.*
- Video-verification helps to ensure priority police response and screens out false alarms.

Take action

- If there is a legitimate threat, the monitoring agent will immediately notify your call list.
- Agents can also request emergency dispatch or talk down to intruders through an on-site speaker.
- If there is no visible threat, the agent will dismiss the incident.

Key benefits



Detect intruders before they enter your building

Protect your perimeter with cameras that can detect intruders the minute they set foot on your property.



No alarm panel or sensors needed

Use cameras as intrusion sensors and get all the benefits of a monitored alarm system without any extra hardware.



Cut back on expensive in-person guards

Cameras detect intruders and agents can take action, reducing the need for live guards patrolling or watching cameras.



Help get priority police response

Video-verified alarms help the police know that they should respond quickly and helps you avoid false alarm lines.



Take action against intruders immediately

In addition to notifying law enforcement, our agents can talk down to intruders through a powerful speaker to scare them off.

*Professional monitoring with video verification is included in the LIC-BA Standard Alarm License or the LIC-BV Premium Alarm License. One License is required per location and includes up to 50 monitored cameras. Monitoring is provided by fully redundant, US-based, UL-listed central monitoring stations with Five Diamond Certification from The Monitoring Association. Certified monitoring centers are also available in Canada, the UK, and Australia.

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Verkada Warranty

At Verkada, we stand by our products and are pleased to offer warranties included with the purchase of your Verkada products. Full warranty details (including hardware) are outlined in our [End User Agreement](#). This agreement defines our relationship with you and our services.

Our warranties are up to 10 years depending on the model of your Verkada device. Please check the datasheet for your device for its specific warranty information, found on our [Docs](#) page. Reach out to our [Support team](#) anytime you need to use the warranty.

Note: For all products, the primary warranty limitation is that they are not damaged due to an accident, abuse, or misuse, acts of God, or any unauthorized use of the hardware.

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Scope of Work Details

Scope of Work Details

Description	Qty
<p>Contracted Installer Will (SOW) The contracted installer shall perform on behalf of the Customer, services as described in the below SOW:</p> <p>Cameras: Install a customer supplied surveillance solution as specified below: Installer will install (39) customer provided cameras and aim per the onsite survey results. Installer will install (x) customer provided mounting brackets (if applicable) Install and aim Tall the cameras with customer representative. Installer will install (1) PoE switch provided by (installer or customer) Networking and PoE switching will be provided by (installer or customer) Installer will provide and install (39) Cat6 cables (if applicable) customer) to provide a lift (if applicable)</p> <p>Access Control (if applicable): Install a customer supplied access control solution as specified below: The installer will provide initial setup and configuration of access control system in the customer's space.</p> <p>Typical Door: Will use existing hardware for (x) doors. Will install new hardware for (30) doors. There will be (x) 600LB magnets installed. All panic hardware doors will receive surface mounted strikes, and cylindrical doors to receive standard strike (if applicable) Installer will install (30) customer provided Verkada card readers to mount on existing single gang junction box. Install (x) Customer Supplied Door access controllers and battery backups. Installer or customer) to provide all PoE switching, programming for AC Network Installer or customer) to provide programming and networking to the public internet. All existing door hardware being used by customer is assumed to be industry standard, code compliant, and operational (if applicable) The installer will inspect door hardware prior to installation to alert the customer of any needed electric strike or hardware changes. •Installer or customer) to provide a lift (if applicable)</p>	



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Scope of Work Terms

Scope of Work Terms

Contracted Installers Responsibilities

- Review solution with onsite point of contact (POC) to ensure correct placement of hardware.
- Communicate with the customer installation dates/times and estimated project duration.
- Unbox provided hardware and materials.
- Inventory and inspect all hardware and materials to ensure all hardware is onsite and is in working order.
- Install each device per the manufacturer instructions.
 - Example: Cameras, Panels, Microphones, Speakers, Sound bars, Displays, etc. per the scoped solution approved by customer.
 - Additionally, install all equipment in such a way that it can easily be accessed, post-installation, for service and maintenance (including software updates and replacement).
 - Verify that all Cat. 6 cabling is terminated.
- Run and connect cables to appropriate devices for solution.
 - Test all cables to verify pin configuration and identify any breaks or other damage.
- Display Connections (if applicable):
 - Install any mounts and products to mounts after connecting all necessary cabling.
 - Remove existing products from mounts, connect necessary cabling, and re-mount products to new mounts.
- Perform solution test with customer to ensure proper performance.
- Train key users in the use of the devices. Document specifically who attended training and report back to the RJ Young team.
- Label cables, equipment, and remotes where they are necessary for optimal user experience.

Customer Responsibilities

- Cabling (if existing) is in place and accessible. If cable is to be installed by provider, cable paths are defined and free of major obstacles.
- Provide access to all areas where products are to be installed.
- Provide room for installation and training.
- Provide any licensing (Microsoft, Zoom, etc.) 72 hours in advance of installation (if applicable).
- Provide IT assistance for IP addresses and network questions as needed. If you do not have an on-site IT employee, the contracted installer requires a pre-meeting with your 3rd Party IT provider.
- Provide contractor ID badge for all technicians (if required).
- Provide a staging area or room for technicians.
- Provide network configuration and management of devices on their network (if applicable).
- Provide access to service entrances, elevators, etc. where they are required.
- Provide parking for oversized installation vehicles.
- Provide adequate space for the disposal of boxes and trash from the installation.

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- Provide parking for oversized installation vehicles.
- Provide adequate space for the disposal of boxes and trash from the installation.

General Assumptions

- All work will be performed during normal business hours, Monday through Friday, 8:00 a.m. to 5:00 p.m., except holidays unless otherwise agreed to in advance.
- All tasks will be performed over a consecutive timeframe unless otherwise agreed to by all parties.
- Installation height is no more than 10' from floor (no lift required).
- Electrical power is within 4' of equipment requiring electrical power.
- Installation does not include suspension hang from above floor/ceiling.
- Ceilings are drop ceilings (unless determined differently during site assessment).
- Lift will be provided by installer or customer for areas deemed necessary (additional cost if provided by installer).
- All newly installed cabling will be industry standard.
- All newly installed cables entering the communications closets will be dressed and organized by industry standard.
- All newly installed above ceiling cabling will be installed throughout the entire facility meeting all state and local codes.
- Bundle cabling will utilize existing cabling paths. If cabling paths do not exist, the provider is not responsible for providing conduit, cable tray, wire molding, etc. unless otherwise provided in agreed upon cost.
- Floor plans will be provided, if requested, prior to technicians arriving onsite.
 - Floor plans should include locations of cable runs and AP placement.
- Core drilling is not required for any cable runs.
- All customer provided equipment is onsite (if not being brought to job by the installer).
- Location/area is ready for installation.
- Site contact will be available when the technician arrives, and when the technician leaves to show completion of job.
- Any product that needs to be installed will follow local codes for installation.
- Installer to provide all necessary materials for the installation. If hardware or materials are purchased to complete the project, these costs are accounted for in pricing.
- Pricing assumes that no specialty equipment is necessary for the installation, which includes scissor lifts, specialty tools, etc.
- While the installer observes and follows all OSHA regulations, any safety training required for specific job sites will be considered out of scope and will be billable to the customer.
- SOW, drawings, and documentation are reviewed and approved before pre-install checklist and kickoff meeting are conducted, and schedules are reviewed and approved.
- This SOW is for the installation only for what is included in quote. No additional equipment, whether existing or new, will be installed, configured, or tested per this Scope of Work.
- Servers or VMware are preconfigured and ready for software to be loaded (if applicable).
- Any deviation from the included Build of Materials within the quote is considered out of scope and a Change Order will be processed.
- All changes during the project will be submitted in the form of a change order and signed off by the customer prior to that work being completed.
- Any work outside of this scope of work and assumptions will be billed as Time & Materials or an agreed upon Change Order.
- Pricing (unless specified) does not include electrical work where an Electrician is required.
- Accurate Structural and Electrical drawings may be required to complete work.



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- o If required, these drawings must be provided prior to starting any work. If we have not received the drawings, or the drawings provided are not accurate, our technician/Engineer will show the Customer where they believe the equipment or cables should be mounted or installed. The Engineer will Red Line the drawings provided and will require customer signature of proposed change before the Engineer will complete this part of the installation.
- Necessary insurance certification is provided prior to work commencement.
- No Demarcation cabling Included in this proposal.

Project (Onboarding) Services

The Onboarding Specialist provided by RJY will work alongside both the contracted installation team and the customer to diligently perform and carry out all their obligations under the agreement and will provide the services listed in the agreement.

The RJY Onboarding Specialist will:

- Perform all feasible services requested by the company in accordance with all applicable laws, this agreement, and the decisions of the company representative not in conflict with this agreement or any applicable laws.
- Provide all feasible services in accordance with the dates and milestones set post-execution of the contractual agreement.
- Prepare and submit to the company representative all proposed change orders, project schedules, and any additional procedures in a timely manner.

The Customer will:

- Continuously support RJ Young and the contracted installer in the project to the best of their ability. The customer will comprehensively inform RJ Young about the companies that are the subject of the agreement, all aspects essential to the project, and will fully provide documents and/or information deemed necessary by RJ Young in a timely manner.
- Immediately check interim results, documents, minutes of meetings, etc. submitted by RJ Young for accuracy and completion. The customer will inform RJ Young immediately in written form of any necessary or desired corrections or additions.

System Programming and Customer Training

The contracted installer will be responsible for all hardware devices programming, testing, and basic end user training (1 hour required).

Loading of any database, including definition of access levels, alarm points, time zones, or any other user defined data is the responsibility of the customer/owner to specify.

Change Orders

Any changes to this agreement shall require an approved change order, which shall modify the scope of work, proposal cost, and timeline of the project. This agreement defines and limits the equipment to be furnished as part of this proposal. The terms of this agreement govern the entire project, including any potential change order.

All change orders must be sent to RJ Young and signed off by the customer. The contracted installer shall not perform additional work without an official request from RJ Young, which has been approved by both the customer and the contracted installer.

If the customer and/ or installer decide to perform work without an official change order from RJ Young, the contracted installer will risk not being paid by RJ Young for the work performed and therefore must be paid directly by the customer.

Workmanship Warranty

The contracted installer shall warranty their initial work (labor) for one year from the installation date. This only includes labor related to the specified scope of work for the solution that was originally provided. Work requested to be performed outside the initial scope and work and not related to this workmanship warranty will be chargeable to the customer unless covered by an additional support plan that was purchased at the time of agreement.

Product Warranty

The product warranty does not include batteries, electrical surges, lightning damage, software upgrades and repairs, communication devices that are no longer supported by communication pathways, obsolete components, and components exceeding manufacturer's useful life. The contracted installer is not the manufacturer of the equipment and other than the labor warranty (above), the Customer agrees to look exclusively to the manufacturer of the equipment for repairs under its warranty coverage, if any. If the customer chooses for additional fee or if covered by a support plan, the contracted installer can provide a labor quote to assist with work related to warranted products post installation.

The contracted installer makes no express warranties as to any matter whatsoever, including, without limitation to, unless prohibited by law, the condition of the equipment, its merchantability, or its fitness for any particular purpose, and the contracted installer shall not be liable for consequential damages.

Unless otherwise specified, no equipment provided by the contracted installer is represented to be medical grade, FDA approved, or intended for use by a



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healthcare professional or healthcare facility or to diagnose, treat, cure, or prevent a disease or medical condition. The contracted installer does not represent nor warrant that the system may not be compromised or circumvented, or that the system will prevent any loss by burglary, hold-up, or otherwise; or that the system will in all cases provide the protection for which it is installed.

The contracted installer expressly disclaims any implied warranties, including implied warranties of merchantability or fitness for a particular purpose. The warranty does not cover any damage to material or equipment caused by accident, misuse, attempted or unauthorized repair service, modification, or improper installation by anyone other than the contracted installer. The Customer acknowledges that any affirmation of fact or promise made by the contracted installer shall not be deemed to create an express warranty unless included in this agreement in writing; that the Customer is not relying on the contracted installer's skill or judgment in selecting or furnishing a system suitable for any particular purpose and that there are no warranties which extend beyond those on the face of this agreement, and that the contracted installer has offered additional and more sophisticated equipment for an additional charge which the Customer has declined. The Customer's exclusive remedy for the contracted installer's breach of this agreement or negligence to any degree under this agreement is to require the contracted installer to repair or replace, at the contracted installer's option, any equipment which is non-operational.

This Limited Warranty is Independent of and In addition to any service contracted. This Limited Warranty gives you specific legal rights and you may also have other rights which vary from state to state. If required by law, the contracted installer will procure all permits required by local law and will provide, when requested, a Certificate of Workman's Compensation prior to starting work.

Warranty exceptions: Acts of Nature, vandalism, misuse of system, device causing failure or modification/alteration of devices by non (Installer) personnel.

Permits & Licensing

The contracted installer will make sure all appropriate permits are included in their Scope of Work or work with the customer to obtain what is needed. The contracted installer will also carry all local and state licenses needed for the solution being installed.

Union Labor

The customer understands and acknowledges that this project is being performed without utilizing a Union labor force. If a customer requires Union labor the contracted installer will, upon request, associate the appropriate parties to complete.

Confidential Information

Each Party may make available to the other access to certain trade secrets and other confidential technical, business, and financial information, including the contents of this Agreement and the Exhibits thereto (collectively, "Confidential Information"). So long as and to the extent that Confidential Information is marked "Confidential" or "Proprietary" (if in tangible form) or is not generally available to the public from other sources, each Party shall safeguard such Confidential Information in the manner in which it safeguards its own confidential information, and shall not disclose Confidential Information to its employees, contractors, and agents, except to the extent necessary to enable it to fulfil its obligations under this agreement. The customer shall indemnify the contracted installer from third party liability arising from any unintended use or unauthorized disclosure.

Debris Disposal

The contracted installer will dispose of debris created by their work in owner furnished trash bins or containers at the site. If different arrangements need to be made, this must be requested and could result in additional fees.

Parking and Storage

The customer shall furnish and make available to the contracted installer at the site all reasonable storage, parking access for oversized installation vehicles, and convenient delivery space for their work.

Elements Beyond the Control of Installer

The schedule of any other contractors involved in this project shall be made in consultation with the contracted installer, and unless otherwise agreed to, shall provide time for the contracted installer to perform their work on an 8-hour day, 40-hour week basis. This proposal does not include provision for the contracted installer to perform overtime work for delays not caused by the installer.

An additional charge to the contract shall be made for any mutually agreed upon overtime. The contracted installer shall not be responsible for delays or default that are occasioned by caused of any kind that are beyond their control, including but not limited to delays or defaults of Architects, the Owner, the Contractor, and Subcontractors, other third parties, civil disorders, labor disputes, and Acts of God.

The contracted installer shall be entitled to equitable adjustments in the amount of the contract for delays caused by anything that is beyond their control.

Third Party Materials

For third party installs in which additional product is needed and those materials or equipment that are included in their proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of the contracted installer, then in the case of such temporary unavailability, the



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contracted installer reserves the right to supply and install alternative equipment subject to availability.

Delays

The contracted installer shall not be liable for any delay in the performance of the work resulting from or attributed to acts or circumstances beyond the contracted installer's control, including, but not limited to; acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the purchaser, owner or other contractors, suppliers or subcontractors not instructed by (Installer).

Insurance

Contracted installer's insurance coverage can be furnished when requested. No credit will be given, or premium paid by the contracted installer for insurance afforded by others.

Occupational Safety and Health

The work will be completed in accordance with local Health & Safety ordinances.

Internet Service Provider Requirements

It is imperative that a reliable and stable Internet service provider be contracted at the installation site. Customer acknowledges that signals and transmissions are transmitted over telephone lines, wire, airwaves, internet, VOIP, radio or cellular, or other modes of communication and passed through communication networks wholly beyond the control of the installer and are not maintained by the installer. The Installer shall not be responsible for any failure that prevents any transmission of data.

Mold, Obstacles and Hazardous Conditions

The Customer shall notify RJ Young/ contracted installer in writing of any undisclosed, concealed, or hidden conditions in any area where installation is planned, and the Customer shall be responsible for removal of such conditions. In the event the installer discovers the presence of suspected asbestos or other hazardous material, the installer shall stop all work immediately and notify the Customer. It shall be the Customer's sole obligation to remove such conditions from the premises, and if the work is delayed due to the discovery of suspected asbestos or other hazardous material or conditions, then an extension of time to perform the work shall be allowed and the Customer agrees to compensate the installer for any additional expenses caused by the delay until work can resume. If the installer, in its sole discretion, determines that continuing the work poses a risk to the installer or its employees or agents, the installer may elect to terminate this agreement on three (3) day notice to the Customer and the Customer shall compensate the installer for all services rendered and material provided to date of termination. The installer shall be entitled to remove all its equipment and uninstalled equipment and material from the job site. Under no circumstances shall the installer be liable to the Customer for any damage caused by mold or hazardous conditions or remediation thereof.

Right to Subcontract Special Services

The Customer agrees that the installer is authorized and permitted to subcontract any services to be provided by the installer to third parties who may be independent of the contracted installer, and that the contracted installer shall not be liable for any loss or damage sustained by the Customer by reason of fire, theft, burglary, or any other cause whatsoever caused by the negligence of third parties. The Customer appoints the installer to act as the Customer's agent with respect to such third parties, except that the installer shall not oblige the Customer to make any payments to such third parties. The Customer acknowledges that this agreement, and particularly those paragraphs relating to the installer's disclaimer of warranties, exemption from liability, even for its negligence, limitation of liability and indemnification, inure to the benefit of and are applicable to any assignees, subcontractors, manufacturers, vendors, and the installer.

Customer's Duty to Supply Electric and Communication Service

The Customer agrees to furnish, at the Customer expense, all 110 Volt AC power, electrical outlet, ARC Type circuit breaker and dedicated receptacle, Internet connection, high-speed broadband cable, or DSL, and DHCP IP Addresses as deemed necessary by the contracted installer.



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RJY Purchase Agreement and Credit Terms

RJY Purchase Agreement Terms

CONTRACT NUMBER: ES018652

1. The title to any and all products listed on the Sales Order remain with RJ Young Company (RJY) until full payment is received from you. Invoices are payable upon receipt unless prior written approval is received from the RJY corporate offices.
2. Without prior written approval of RJY you may not assign any of your rights or obligations under this Agreement or allow a lien or encumbrance of any kind to be placed upon any products for which you have not received title free and clear.
3. If payment is not paid when due, you will pay us a late charge of up to 15% of the amount of the payment or \$25.00 whichever is greater (or such lesser rate as is maximum rate allowed under applicable law). You also agree to pay \$35.00 for each returned check. Restrictive endorsements or additional terms on checks you send to us will not reduce your obligations to us.
4. If payment is not paid when due, we will have the right to take ONE OR MORE of the following actions, in addition to any and all other remedies that may be available to us under the law: (a) cancel this agreement without prior notice or warning to you; (b) file a law suit against you to collect all past due amounts, plus all our reasonable legal costs, including but not limited to reasonable attorneys' fees, reasonable overhead for employee time spent on preparing for suit or attempting to collect payments and mitigate our damages; (c) repossess the Equipment or apply to a court for an order allowing repossession for any Equipment for which you have not received title free and clear.
5. This Agreement, and other terms and conditions that you have acknowledged receipt of by signing this Sales Order, constitute the entire Agreement.
6. As a convenience to you and to further expedite this transaction for you, you agree that a photocopy, electronic image or facsimile of this Agreement which includes a photocopy, electronic image or facsimile of the signatures of both parties shall be as valid, authentic and legally binding as the original version for all purposes and shall be admissible in court as final and conclusive evidence of this transaction and of the execution of this document.

DISCLAIMERS. By signing this Agreement, Customer acknowledges and agrees that the equipment listed, including the associated monitoring services, are designed to reduce certain risks of loss, however, RJ Young does not guarantee that no loss or damage will occur. Further, Customer acknowledges and agrees that RJ Young assumes no liability and shall not be liable for any loss or damage sustained by Customer, and Customer covenants not to sue RJ Young for any loss, (economic or noneconomic), business loss or interruption, consequential damages (in contract or tort), data corruption or inability to retrieve data, personal injury, or property damage sustained by Customer or any other third party regardless of any failure of the equipment to perform as intended, regardless of whether or not such loss or damage was caused by, or contributed to, any extra contractual or legal duty, strict products liability, RJ Young will not have any liability for permit fees, false alarms, false alarm fines, the manner in which first responders respond, or how alarms are monitored by the call centers or first responders, or refusal of first responders to respond. EXCEPT FOR THE WARRANTIES EXPLICITLY SET FORTH IN THIS AGREEMENT, RJ YOUNG MAKES NO WARRANTIES WHETHER EXPRESS, IMPLIED, OR STATUTORY, REGARDING OR RELATING TO THE PRODUCTS, OR ANY MATERIALS OR SERVICES FURNISHED OR PROVIDED TO CUSTOMER IN CONNECTION WITH THIS AGREEMENT. WITHOUT LIMITING THE FOREGOING, RJ YOUNG HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR TITLE. RJ Young serves as the financing agent on this transaction providing the underlying products as a reseller. All services and installation much be contracted to a certified third-party installer selected by the customer. RJ Young can and will provide financing for all installation and services at the request of the customer. In addition, Customer acknowledges that any labor warranty provided within the scope of work and detailed in the labor portion of this quote, is the responsibility of 3rd party installer as the subcontractor. RJYoung can assist in communicating any needs for repair or maintenance but will not be responsible for any financial obligations resulting from said subcontractors' negligence or failure to uphold their warranty.



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RJY Credit Terms

FOR AND IN CONSIDERATION of the extension of credit for the purchase or lease of office equipment, supplies, and/or services, the undersigned applicant(s) agree(s) to:

- Furnish any additional financial information, including but not limited to current financial statements, personal or corporate, from time to time as requested by the credit grantor or any material changes in the condition of the applicant (firm).

All proprietors, general partners, members, and/or guarantors hereby, individually understand that they hereby authorize RJ Young to check customers' credit, both consumer and commercial, and authorize any party receiving a credit inquiry to have this information provided back to them upon request.

Notice: The Federal Equal Credit Opportunity Act prohibits creditors from discriminating against credit applicants on the basis of race, color, religion, national origin, sex, marital status, age (provided the applicant has the capacity to enter into a binding contract); because all or part of the applicant's income derives from any public assistance program, or because the applicant has, in good faith, exercised any right under the Consumer Credit Protection Act. The federal agency that administers compliance with the law concerning this creditor is the Federal Trade Commission.

I (we) understand that the extension of credit is only for the use of the Applicant and any use by any other person or entity is a violation of this Agreement. If at any time I (we) authorize any other person or entity to charge on my (our) credit account, I (we) will remain liable for any and all charges, known or unknown, and I (we) understand that my (our) credit privileges may be suspended or withdrawn without further notice.

I (we) understand that information furnished to RJ Young can be used for the purpose of obtaining credit related to your firm. That I am (we are) authorized, in my (our) capacity, to bind my (our) firm accordingly.



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Verkada Standard Agreement Terms

Verkada Standard Agreement Terms

CONTRACT NUMBER: ES018652

DEFINITIONS

The definitions of certain capitalized terms used in this Agreement are set forth below. Others are defined in the body of the Agreement.

"Customer Data" means all data provided by Customer to Verkada by means of the Products. Customer Data does not include System Data (defined below).

"Documentation" means the online documentation regarding the Hardware, available at www.verkada.com/docs/ or as otherwise provided within the Hosted Software.

"DPA" means the Data Processing Addendum available at www.verkada.com/support/dpa or other negotiated data protection agreement, entered into between Verkada and Customer.

"Firmware" means the software developed and maintained by Verkada that is stored on the Hardware and enables the basic functioning of the Hardware and its communication with the Hosted Software.

"Hardware" means the Verkada hardware products, including security cameras, access control units, alarm units, environmental sensors, and all other Verkada branded products.

"Hosted Software" means Verkada's Software-as-a-Service system, currently known as "Command," and related infrastructure made available to Customer to manage and configure the Hardware.

"License" has the meaning ascribed to it in **LICENSE AND RESTRICTIONS** section.

"License Term" means the length of time indicated in the License SKU set forth on the applicable Purchase Order.

"Partner" means a third-party authorized by Verkada to resell the Products, to whom Customer has delivered a Purchase Order for such Products.

"Product Feature(s)" means a unique feature set within the Hosted Software that is identified by a particular stock keeping unit (SKU) on a Purchase Order.

"Products" means, collectively, the Software, Hardware, Product Features, Documentation, and all modifications, updates, and upgrades thereto and derivative works thereof.

"Purchase Order" means each order document submitted to Verkada by a Partner on behalf of Customer, and accepted by Verkada, indicating Partner's firm commitment to purchase the Products and for the prices set forth thereon.

"Service Level Agreement" means the Service Level Agreement set forth on Exhibit A hereto.

"Software" means the Firmware and Hosted Software.

"Support" means the technical support services and resources available at www.verkada.com/support

"System Data" means configuration information, log and event data, Product performance data, and statistics regarding Customer's use of the Products.

"Users" means employees of Customer, or other third parties, each of whom are authorized by Customer to use the Products on Customer's behalf.

LICENSE AND RESTRICTIONS

License to Customer. Subject to the terms of this Agreement, Verkada grants Customer a royalty-free, nonexclusive, transferable (subject to Misc Section) worldwide right during each License Term to use the Software, subject to the terms of this Agreement ("License"). Customer must purchase Licenses to use the Software for at least the number and type of Hardware units and/or Product Features it manages by means of the Software, however Customer may authorize an unlimited number of Users to access and use the Software. If Customer purchases additional Licenses, either in connection with the purchase of additional Hardware units or renewal of Licenses for existing Hardware units, the overall License Term will be modified such that the License Term for all Licenses purchased will expire and terminate on the same date. If Customer purchases the Monitoring Services (as defined on Exhibit B, the "Alarms Addendum"), the use of the Products in connection with the Monitoring Services will be subject to the terms of the Alarms Addendum.

License to Verkada. During the License Term, Customer will transfer Customer Data to Verkada while using the Products. Customer grants Verkada a non-exclusive right and license to use, reproduce, modify, store, and process Customer Data solely to maintain the Products and provide them to Customer. Customer represents and warrants that it possesses the necessary rights and authority to grant Verkada the rights set forth in this section with respect to Customer Data.

Restrictions. Customer will not: (i) use (or allow a third party to use) the Products for any competitive purposes (other than for routine product comparison purposes), including monitoring or testing their availability, security, performance, or functionality, in each case without Verkada's express written consent; (ii) market, sublicense, resell, lease, loan, transfer, or otherwise commercially exploit the



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Products; (iii) modify, create derivative works, decompile, reverse engineer, attempt to gain access to the source code, or copy the Products or any of their components; or (iv) use the Products to conduct any fraudulent, malicious, or illegal activities or otherwise in contravention of any applicable laws or regulations (each of (i) through (iv), a "Prohibited Use").

HARDWARE WARRANTIES; RETURNS

General. Verkada represents to the original purchaser and user of the Hardware that, for the period set forth in the applicable Documentation from the date of shipment to the location specified on the Purchase Order, the Hardware will be substantially free of defects in materials and workmanship ("Hardware Warranty").

Remedies. Customer's sole and exclusive remedy and Verkada's (and its suppliers' and licensors') sole and exclusive liability for a breach of the Hardware Warranty will be, in Verkada's sole discretion, to replace the non-conforming Hardware. Replacement may be made with a new or refurbished product or components. If the Hardware or a component within it is no longer available, then Verkada may replace the Hardware unit with a similar product of similar function. Any Hardware unit that has been replaced under the Hardware Warranty will be covered by the terms of the Hardware Warranty for the longer of (a) 90 days from the date of the delivery, or (b) the remainder of the original Hardware Warranty period.

Returns. Customer may return the Products for any reason within the 30 day period starting on the shipment date of the Products. Thereafter, to request a return under the Hardware Warranty, Customer must notify Verkada or the Partner within the Hardware Warranty period. To initiate a return directly to Verkada, Customer must send a return request to Verkada at support@verkada.com and verkada@rjyoung.com and clearly state details on where and when Customer purchased the Hardware, the serial numbers of the applicable Hardware unit(s), Customer's reason for returning the Hardware, and Customer's name, mailing address, email address, and daytime phone number. If approved, Verkada will provide Customer with a Return Materials Authorization ("RMA") and prepaid shipping label via email that must be included with Customer's return shipment to Verkada. Customer must return the Hardware unit(s) listed in the RMA with all included accessories with the RMA within the 14 days following the day on which Verkada issued the RMA.

VERKADA OBLIGATIONS

General. Verkada is responsible for providing the Products in conformance with this Agreement, the Purchase Order(s), and applicable Documentation.

Availability. Verkada uses its best efforts to ensure that the Hosted Software is available in accordance with the terms of the Service Level Agreement, which sets forth Customer's remedies for any interruptions in the availability of the Hosted Software.

Support. If Customer experiences any errors, bugs, or other issues in its use of the Products, then Verkada will provide Support in order to resolve the issue or provide a suitable workaround. The fee for Support is included in the cost of the License. As part of a Support case, Customer may grant access, in its sole discretion, to a member of Verkada's Support team through functionality provided in the Hosted Software for a length of time determined by Customer.

Maintenance. Verkada will use commercially reasonable efforts to maintain the Products and implement updates, upgrades, and fixes as necessary to meet its obligations under this Agreement.

CUSTOMER OBLIGATIONS

Compliance. Customer will use the Products only in accordance with the Documentation and in compliance with all applicable laws, including procurement and maintenance of any applicable licenses and permits. Customer will ensure that none of the Products are directly or indirectly exported, re-exported, or used to provide services in violation of the export laws and regulations of the United States or any other country. If Customer operates in a regulated industry, Customer represents that it has obtained all necessary local and state licenses and/or permits necessary to operate its business and is in compliance (and will use its best efforts to remain in compliance)



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with all local, state, and (if applicable) federal regulations regarding the conduct of its business. Verkada reserves the right to suspend use of any Products operating in violation of the obligations of this section, following written notice to Customer.

Account Administration. Customer is responsible for identifying one or more individuals within Customer's organization who will act as administrator(s) of Customer's account. Such person(s) will be responsible for, among other things, monitoring and managing access privileges of other Users. Customer is also responsible for verifying, including ensuring that any third-party installer verify, that all Hardware Products purchased are properly claimed into Customer's account within the Hosted Software prior to installation, as more fully set forth in the Documentation.

TERM AND TERMINATION

Term. Please reference RJY Terms and Conditions.

Termination or Suspension for Cause. Please reference RJY Terms and Conditions.

Effect of Termination. Please reference RJY Terms and Conditions.

CONFIDENTIALITY

Confidential Information. Except as explicitly excluded below, any information of a confidential or proprietary nature provided by a party ("Disclosing Party") to the other party ("Receiving Party") constitutes the Disclosing Party's confidential and proprietary information ("Confidential Information"). Verkada's Confidential Information includes the Products and any information conveyed to Customer in connection with Support. Customer's Confidential Information includes Customer Data. Confidential Information does not include information which is: (i) already known by the receiving party without an obligation of confidentiality other than pursuant to this Agreement; (ii) publicly known or becomes publicly known through no unauthorized act of the Receiving Party; (iii) rightfully received from a third party without a confidentiality obligation to the Disclosing Party; or (iv) independently developed by the Receiving Party without access to the Disclosing Party's Confidential Information.

Confidentiality Obligations. Each party will use the Confidential Information of the other party only as necessary to perform its obligations under this Agreement, will not disclose the Confidential Information to any third party, and will protect the confidentiality of the Disclosing Party's Confidential Information with the same standard of care as the Receiving Party uses or would use to protect its own Confidential Information, but in no event will the Receiving Party use less than a reasonable standard of care. Notwithstanding the foregoing, the Receiving Party may share the other party's Confidential Information with those of its employees, agents and representatives who have a need to know such information and who are bound by confidentiality obligations at least as restrictive as those contained herein (each, a "Representative"). Each party shall be responsible for any breach of confidentiality by any of its Representatives.

Additional Exclusions. A Receiving Party will not violate its confidentiality obligations if it discloses the Disclosing Party's Confidential Information if required by applicable laws, including by court subpoena or similar instrument so long as the Receiving Party provides the Disclosing Party with written notice of the required disclosure so as to allow the Disclosing Party to contest or seek to limit the disclosure or obtain a protective order. If no protective order or other remedy is obtained, the Receiving Party will furnish only that portion of the Confidential Information that is legally required, and agrees to exercise reasonable efforts to ensure that confidential treatment will be accorded to the Confidential Information so disclosed.

DATAPROTECTION

Verkada secures the Software and Customer Data in accordance with the security practices available at www.verkada.com/trust/security-controls. Verkada will process all Customer Data in accordance with the DPA.



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OWNERSHIP

Verkada Property. Verkada owns and retains all right, title, and interest in and to the Software, the System Data, and all intellectual property embodied in the Hardware and accessories. Except for the limited license granted to Customer in License and Restriction - License to Customer section above, Verkada does not by means of this Agreement or otherwise transfer any rights in the Products to Customer, and Customer will take no action inconsistent with Verkada's intellectual property rights in the Products.

Customer Property. Customer owns and retains all right, title, and interest in and to the Customer Data and does not by means this Agreement or otherwise transfer any rights in the Customer Data to Verkada, except for the limited license set forth above in License and Restriction- Lices to Verkada section above.

INDEMNIFICATION

By Verkada. Verkada will indemnify, defend, and hold Customer, its affiliates, and their respective owners, directors, members, officers, and employees (collectively, "Customer Indemnitees") harmless from and against any claim, action, demand, suit or proceeding (each, a "Claim"), and the attorneys' fees and court and investigative costs of Customer Indemnitees, made or brought by a third party against any of the Customer Indemnitees alleging that Customer's use of the Products infringes or misappropriates any patent, trademark, copyright, or any other intellectual property of such third party.

Verkada will pay any damages finally awarded against any Customer Indemnitees by a court of competent jurisdiction as a result of any such Claim, or any final settlement of such Claim, so long as Customer (i) gives Verkada prompt written notice of the Claim, (ii) gives Verkada sole control of the defense and settlement of the Claim (provided that Verkada may not settle any Claim without the Customer Indemnitee's written consent, which will not be unreasonably withheld), and (iii) provides to Verkada all reasonable assistance, at Verkada's request and expense.

If Customer's right to use the Products hereunder is, or in Verkada's opinion is likely to be, enjoined as the result of a Claim, then Verkada may, at Verkada's sole option and expense procure for Customer the right to continue using the Products under the terms of this Agreement, or replace or modify the Products so as to be non-infringing and substantially equivalent in function to the claimed infringing or enjoined Products.

Verkada will have no indemnification obligations under this section to the extent that a Claim is based on or arises from: (a) use of the Products in a manner other than as expressly permitted in this Agreement; (b) any alteration or modification of the Products except as expressly authorized by Verkada; (c) the combination of the Products with any other software, product, or services (to the extent that the alleged infringement arises from such combination); or (d) where the Claim arises out of specifications provided by Customer. This Section sets forth Verkada's sole and exclusive liability, and Customer's exclusive remedies, for any Claim of infringement or misappropriation of intellectual property.

By Customer. Customer will indemnify, defend, and hold harmless Verkada, its affiliates, and their respective owners, directors, members, officers, and employees (together, the "Verkada Indemnitees") from and against any Claim, and the attorneys' fees and court and investigative costs of Verkada Indemnitees, related to: (a) Customer or its Users engaging in a Prohibited Use; and (b) Customer's indemnity obligation under the Alarms Addendum set forth in Exhibit B hereto (if any). Customer will pay any settlement of and any damages finally awarded against any Verkada Indemnitee by a court of competent jurisdiction as a result of any such Claim so long as Verkada (i) gives Customer prompt written notice of the Claim, (ii) gives Customer sole control of the defense and settlement of the Claim (provided that Customer may not settle any Claim without Verkada's prior written consent which will not be unreasonably withheld), and (iii) provides to Customer all reasonable assistance, at Customer's request and expense.

LIMITATIONS OF LIABILITY



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Disclaimer. EXCEPT FOR THE WARRANTIES EXPLICITLY SET FORTH IN THIS AGREEMENT, VERKADA MAKES NO WARRANTIES, WHETHER EXPRESS, IMPLIED, OR STATUTORY, REGARDING OR RELATING TO THE PRODUCTS, OR ANY MATERIALS OR SERVICES FURNISHED OR PROVIDED TO CUSTOMER IN CONNECTION WITH THIS AGREEMENT, INCLUDING UPDATES OR SUPPORT. WITHOUT LIMITING THE FOREGOING, VERKADA HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE. VERKADA DOES NOT WARRANT THAT THE PRODUCTS WILL MEET CUSTOMER'S NEEDS OR EXPECTATIONS, THAT USE OF THE PRODUCTS WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS WILL BE CORRECTED.

No Consequential Damages. NEITHER PARTY, NOR ITS AFFILIATES, NOR THE OFFICERS, DIRECTORS, EMPLOYEES, SHAREHOLDERS, AGENTS OR REPRESENTATIVES OF ANY OF THEM, WILL BE LIABLE TO THE OTHER PARTY FOR ANY INCIDENTAL, INDIRECT, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, WHETHER FORESEEABLE OR UNFORESEEABLE, THAT MAY ARISE OUT OF OR IN CONNECTION WITH THIS AGREEMENT, EVEN IF THE OTHER PARTY HAS BEEN NOTIFIED OF THE POSSIBILITY OR LIKELIHOOD OF SUCH DAMAGES OR COSTS OCCURRING AND WHETHER SUCH LIABILITY IS BASED ON CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, PRODUCTS LIABILITY OR OTHERWISE.

Direct Damages Cap. EXCEPT WITH RESPECT TO EXCLUDED CLAIMS AND UNCAPPED CLAIMS, IN NO EVENT WILL THE COLLECTIVE LIABILITY OF EITHER PARTY, OR THEIR RESPECTIVE AFFILIATES, OFFICERS, DIRECTORS, EMPLOYEES, SHAREHOLDERS, AGENTS AND REPRESENTATIVES, TO THE OTHER PARTY FOR ANY AND ALL DAMAGES, INJURIES, AND LOSSES ARISING FROM ANY AND ALL CLAIMS AND CAUSES OF ACTION ARISING OUT OF, BASED ON, RESULTING FROM, OR IN ANY WAY RELATED TO THIS AGREEMENT, EXCEED THE TOTAL AMOUNT PAID OR PAYABLE BY CUSTOMER FOR THE USE OF THE PRODUCTS UNDER THIS AGREEMENT DURING THE 24-MONTH PERIOD PRECEDING THE DATE OF THE CLAIM.

THE EXISTENCE OF MULTIPLE CLAIMS OR SUITS UNDER OR RELATED TO THIS AGREEMENT WILL NOT ENLARGE OR EXTEND THE LIMITATION OF MONEY DAMAGES WHICH WILL BE THE CLAIMANT'S SOLE AND EXCLUSIVE REMEDY.

Excluded Claims Cap. "Excluded Claims" means any claim and/or liability associated with: (a) both party's indemnification obligations in Idemnification section; (b) any breach by Verkada of the DPA; or (c) any breach by Verkada of Data Protection section. Verkada's total, cumulative liability for all Excluded Claims will not exceed two (2) times the total amount paid or payable by Customer for use of the Products under this Agreement during the Term.

Uncapped Claims. "Uncapped Claims" means any claim or liability associated with: (a) Customer's breach of License to Customer Data section, Compliance section, and Customer Obligations section (if applicable); (b) either Party's breach of confidentiality (but not relating to any liability associated with Verkada's security obligations with respect to Customer Data which remains subject to the Excluded Claims cap); or (c) any liability of a Party which cannot be limited under applicable law, including gross negligence, recklessness, or intentional misconduct.

MISCELLANEOUS

This Agreement is the entire agreement between Customer and Verkada and supersedes all prior agreements and understandings concerning the subject matter hereof and may not be amended or modified except by a writing signed or electronically acknowledged by authorized personnel by both parties. Customer and Verkada are independent contractors, and this Agreement will not establish any relationship of partnership, joint venture, or agency between Customer and Verkada. Failure to exercise any right under this Agreement will not constitute a waiver. There are no third-party beneficiaries to this Agreement. This Agreement is governed by the laws of California without reference to conflicts of law rules. Any notice provided by one party to the other under this Agreement will be in writing and sent either (i) by overnight courier or certified mail (receipt requested), in the case of Customer to Customer's address on record in Verkada's account information and in the case of Verkada, to 405 E. 4th Ave., San Mateo, CA 94401, or (ii) by electronic mail to Customer's email address on record in Verkada's account information or to Verkada at legal@verkada.com. If any provision of this



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Agreement is found unenforceable, the Agreement will be construed as if such provision had not been included. Neither party may assign this Agreement without the prior, written consent of the other party, except that either party may assign this Agreement without such consent in connection with an acquisition of the assigning party or a sale of all or substantially all of its assets. In the event of an assignment by Customer in connection with an acquisition of Customer or a sale of all or substantially all of Customer's assets, Customer's License may be transferred to the party acquiring Customer or purchasing all or substantially all of its assets, subject to Verkada's prior written consent, such consent not to be unreasonably withheld. This Agreement may be executed in two or more counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. Facsimile or other electronic copies of such signed copies will be deemed to be binding originals.

A party will not be liable for any failure to perform caused by circumstances beyond its reasonable control which would otherwise make such performance commercially impractical including, but not limited to, acts of God, fire, flood, acts of war, pandemics, government action, accident, labor difficulties or shortage, inability to obtain materials, equipment or transportation (each, a "Force Majeure Event"). If a Force Majeure Event lasts longer than five (5) business days, the parties will meet to determine if performance under the Agreement can resume as agreed. If the parties cannot agree, then Verkada may terminate the applicable Purchase Order or this Agreement.

If any disputes arise, the parties will first attempt to resolve the dispute informally via good faith negotiation. If the dispute has not been resolved after 30 days, the parties will resolve any claim, dispute, or controversy (excluding any claims for injunctive or other equitable relief) by binding arbitration before a single arbitrator administered by JAMS, its successors and assigns, in San Mateo County, California, unless otherwise agreed by the parties in writing, and pursuant to its arbitration rules. Each party will be responsible for paying any arbitration fees in accordance with the foregoing rules, and the award rendered by the arbitrator may include costs of arbitration, reasonable attorneys' fees and reasonable costs for expert and other witnesses. Any judgment on the award rendered by the arbitrator may be entered in any court of competent jurisdiction. Nothing in this Section shall be deemed to prevent either party from seeking injunctive or other equitable relief from the courts as necessary to prevent the actual or threatened infringement, misappropriation, or violation of its data security, intellectual property rights or other proprietary rights.

EXHIBIT A

Service Levels

Verkada will use commercially reasonable efforts to make the Hosted Software available 99.99% or more of the time during any calendar month. Subject to the exclusions set forth below, an "Outage" will be defined as any time when the Hosted Software is not available due to a cause within the control of Verkada. The availability standard does not apply to any feature of the Hosted Software that Verkada identifies as a "beta" feature or service.

Service Level Expectation Exclusions

Verkada does not include in its calculation of downtime any time the Hosted Software is not available due to:

- Planned maintenance windows where notice of planned unavailability has been given, via the Hosted Software, at least two business days prior to the outage, unless in the case of emergency changes;
- Force Majeure Events;
- Actions or inactions on Customer's part;
- Events arising from Customer's systems or any Customer websites;
- ISP or Internet outages outside of Verkada's control.



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C. Withdrawal: Any bid may be withdrawn prior to the time for opening of bids or authorized postponement thereof. Any bid received after the time and date specified will not be considered. All bids are irrevocable offers to contract at the price bid, which may not be withdrawn until 60 days after bid opening.

RJY understands and acknowledges.

D. Submittal: Submit bids in duplicate in an opaque sealed envelope bearing on the outside, the name and Certificate of Responsibility number of the Bidder, his address, bid opening date, and time.

RJY understands and will comply.

E. Unauthorized conditions, limitations, or provisions attached or on the outside of the envelope will render the bid non-responsive and it shall be rejected.

RJY understands and acknowledges.

F. Mailing: Mailing of bids will not be accepted. Bidding contractors must hand deliver their bids to: The City of Gluckstadt Attn: Lindsay Kellum, City Clerk 343 Distribution Drive Madison, MS 39110

RJY understands and will comply.

G. Electronic Bids: Electronic or Digital bids will be accepted by The City of Gluckstadt. If submitting electronically, bids will be handled by: Central Bidding 225.810.4814 www.centralbidding.com

RJY understands and will comply.

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CONTRACT

A. Award of Contract: Award shall be made to the lowest and best Bidder, pursuant to Mississippi law and these Instructions to Bidders. The lowest bid shall be the base bid or combination of base bid and those alternates which produce a total within available funds and in accordance with Owner priorities. The Owner reserves the right to waive irregularities and to reject any and all bids.

RJY understands and acknowledges.

B. Disqualification of Bidder: The Owner reserves the right to award to other than the low Bidder when, in the Owner's judgment, it is in his best interest to do so. For instance, a Bidder may be disqualified for such reasons as:

- 1. Bidder being in arrears on existing contracts.***
- 2. Bidder being in litigation with the Owner or the institution.***
- 3. Bidder having defaulted on or failed to satisfactorily complete a previous contract with the Owner or institution, including Bidder's failure to satisfactorily fulfill the warranty obligations of a previous contract with the Owner or institution.***
- 4. Bidder having failed to furnish the List of Subcontractors, materials and suppliers and the Preliminary Construction Schedule.***
- 5. The above is not an inclusive list.***

RJY understands and acknowledges.

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C. Security for Faithful Performance: When the bid exceeds \$5,000.00, the Contractor will furnish simultaneously with his delivery of the executed Contract, a payment and a performance bond in accordance with Section 31-5-51 et. seq. of the Mississippi Code (latest edition) along with policies of insurance or insurance certificates as required by the Contract Documents. The surety on such bonds will be by a duly authorized surety company licensed to do business in the state of Mississippi, which is acceptable to the Owner.

RJY understands and will comply.

D. Time of Completion: By submission of its bid, Bidder agrees to commence work on or before a date specified in a written "Proceed Order" and to fully complete the Project within the time stated on the Bid Proposal Form.

RJY understands and will comply.

E. Substantial Completion: Substantial completion of the project as defined by Section 007300, requires the submittal by Contractor of all closeout documents required by Section 017000 and Section 017800, all ownership and maintenance manuals required by Section 013000 and/or the technical sections of the Contract, the Guarantee of Work required by Section 007300.

RJY understands and will comply.

F. Liquidated Damages for Failure to Enter Into Contract: The successful Bidder, upon his failure or refusal to execute and deliver the Contract and required bonds within ten days after he has received notice of the acceptance of his bid, will forfeit to the Owner as liquidated damages the security deposited with his bid.

RJY understands and acknowledges.

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***G. Liquidated Damages for Failure to Substantially Complete Project in Time Stipulated:
Applicable when stipulated sum is shown in Section 007300.***

RJY understands and acknowledges.

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BID DOCUMENTS

A. Plans and Specifications are available by calling the office of Dean Architecture, 661 Sunnybrook Road, Suite 140, Ridgeland, Mississippi, 39157 (601) 939-7717.

- 1. Plans will be distributed via Planroom at Jackson Blueprint Co. www.jaxblue.com*
- 2. All Plans and Specifications are to be purchased from Jackson Blueprint. Dean Architecture will not distribute sets.*
- 3. Local plan rooms will be issued one (1) set free of charge if requested.*
- 4. No partial sets of drawings or project manual will be issued.*

RJY has received the plans and specifications for this bid.



CLOUD VIDEO SURVEILLANCE AND ACCESS CONTROL


For

PROJECT:
**CITY OF GLUCKSTADT POLICE DEPARTMENT ACCESS CONTROL
PACKAGE**
Gluckstadt, MS 39110

PROFESSIONAL:
DEAN ARCHITECTURE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601-939-7717
Allen Grant

Mr. Grant :

United Automation, LLC has had an opportunity to pour back through both Div 281000 - Access Control and Div 282000 - Video Surveillance. We have also compared these Specification Sections to the project Drawings for the City of Gluckstadt. What we can confirm for both you and the Owner is that the proposed Avigilon Alta system shall meet or exceed the A & E specifications for the specific City of Gluckstadt Police Department Access Control Package project. Please let me know should you, or the Owner, have any questions.


Brian Smith, Owner

5-6-24
Date

Phone 318.397.0208 Fax 318.397.0140
P.O. Box 607 West Monroe, Louisiana 71294
110 Barr Lane West Monroe, Louisiana 71291



CITY OF GLUCKSTADT
MISSISSIPPI
OFFICE OF THE POLICE DEPARTMENT
343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 02, 2024

Subject: Requesting approval to purchase dispatch furniture from xybix for the new police department.

I'm requesting the Mayor and Board of Alderman approve the purchase of dispatch furniture from xybix for the new police department.

Sincerely,

A handwritten signature in blue ink, appearing to be 'Barry W. Hale', written over a large, stylized blue oval.

Chief Barry W. Hale



Xybix Systems, Inc.
 8207 SouthPark Circle
 Littleton CO 80120
 Phone: 303-683-5656
 Fax: 303-683-5454
 AvivaM



Quote Number: Section 11, Item C)

Quote Date: 4/25/2024
 Revision: D
 Orig Create Date: 3/14/2024
 Expires: 8/31/2024
 Opp #: 0027701

Quote

Terms: NET 30

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<p>QUOTE TO: Acct: GLUPOLGLMS Gluckstadt (City of) Police Department Gluckstadt MS 39110</p> <p>Phone: Email:</p>	<p>SHIP TO: Gluckstadt (City of) Police Department Gluckstadt, MS 39110 USA</p> <p>Salesperson: KAYLA BUTLER Phone: (214) 727-1681 Email: kaylab@xybix.com</p>
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NASPO Contract # 00318
 Product Type: Eagle Line w/axys
 Install Type: Standard

10 Year Warranty

4.22.24: Drawing R2, updated expiration date -AM
 03.14.24: Drawing R2, Removed the straight workstation, went to two dispatch. pass through window moved to north wall. Removed electrical equipment near south solumn. Adding peninsula back in, removed back wall storage and fridge. -AM
 05.08.23: Drawing R1, Added a third position. - AM
 03.20.23: Drawing R0 - AM

TAXES:
 Xybix is not registered to collect sales tax in the state of (MS) and any sales tax due on your transaction will need to be paid directly by you to your State agency (this is commonly referred to as USE Tax).

OPTIONAL ITEMS:
 Please note that Optional Items are not included in the total price.
 Please contact Xybix to have any Optional Items included in the final price. Freight & Installation charges will be adjusted accordingly.

Line	Part Num	Desc	Qty	U/M	List Ea.	Disc. %	Disc. Price	Net Price
1.00	12343.	Panel System Priced by the Linear Foot: Grade 3 Fabric 12343-1-SS - 29-48in - 19.5 LF @ \$281.00/LF 12343-1-DS - 29-48in - 18.0 LF @ \$380.00/LF Upper Tiles Fabric Color: TBD Grade 3 G2 Lower Tiles Fabric Color: TBD Grade 3 G2 Panel Trim Color: Black	1.00	EA	\$12,319.50	50.00 %	\$6,159.75	\$6,159.75
1.01	13771.	Panel Tile 12147-14HX18W W-Fabric	35	1.00 EA	\$172.00	50.00 %	\$86.00	\$86.00
1.02	13771.	Panel Tile 11429-14HX30W W-Fabric	35	1.00 EA	\$172.00	50.00 %	\$86.00	\$86.00
1.03	13771.	Panel Tile 11430-14HX36W W-Fabric	37	4.00 EA	\$172.00	50.00 %	\$86.00	\$344.00
1.04	13771.	Panel Tile 11428-14HX42W W-Fabric	40	1.00 EA	\$172.00	50.00 %	\$86.00	\$86.00

Xybix Systems, Inc.
 8207 SouthPark Circle
 Littleton CO 80120
 Phone: 303-683-5656
 Fax: 303-683-5454
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Line	Part Num	Desc	Qty	U/M	List Ea.	Disc. %	Disc. Price	Net Price
2.00	14486-3D.	Adj. Table Worksurface - Corner Dual Surface - 66L x 66R - Cable Management Included	1	1.00 EA	\$2,719.00	50.00 %	\$1,359.50	\$1,359.50
2.01	14486-3D.	Adj. Table Worksurface - Corner Dual Surface - 72L x 72R - Cable Management Included	2	1.00 EA	\$2,719.00	50.00 %	\$1,359.50	\$1,359.50
3.00	15701	L4 Table Base	42	1.00 EA	\$6,736.00	50.00 %	\$3,368.00	\$3,368.00
3.01	15844	L5S Table Base for 72X72 Corner Worksurface	3	1.00 EA	\$8,279.00	50.00 %	\$4,139.50	\$4,139.50
4.00	16744.	Monitor Mount 3 - Rollervision - Corner Dual Surface - 66L x 66R 16676 - Std VESA Mount 2 HI 2 Knuckle Qty = 3 Total: \$2,580.00	43	1.00 EA	\$4,943.00	50.00 %	\$2,471.50	\$2,471.50
4.01	16744.	Monitor Mount 3 - Rollervision - Corner Dual Surface - 72L x 72R 16676 - Std VESA Mount 2 HI 2 Knuckle Qty = 3 Total: \$2,580.00	4	1.00 EA	\$4,943.00	50.00 %	\$2,471.50	\$2,471.50
5.00	16130-8	Datadock2 - Keyboard Snap-In Cable Organizer Includes: 8 - USB Ports 1 - RJ45 Port	11	2.00 EA	\$709.00	50.00 %	\$354.50	\$709.00
5.01	13074	Ext Cable Monitor - TBD	10	12.00 EA	\$104.00	50.00 %	\$52.00	\$624.00
6.00	15848	Grounding Kit Full Station R56 Compliant	12	0.00 EA	\$1,539.00	50.00 %	\$769.50	\$0.00
OPTIONAL x2								
6.01	17005	Grounding Kit Install Tools	45	0.00 EA	\$0.00	0.00 %	\$0.00	\$0.00
OPTIONAL x1								
6.02	11792-BLK	Power Bar - 10 Outlet With Black Sticker	13	2.00 EA	\$170.00	50.00 %	\$85.00	\$170.00
6.03	11792-OR	Power Bar - 10 Outlet With Orange Sticker	14	2.00 EA	\$170.00	50.00 %	\$85.00	\$170.00
6.04	14976	6 Outlet Power Strip 25'	44	1.00 EA	\$180.00	50.00 %	\$90.00	\$90.00

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Line	Part Num	Desc	Qty	U/M	List Ea.	Disc. %	Disc. Price	Net Price
7.00	16708.	Axys Control System with Fan Base Price: \$2,079.00 16707AXS - Heat - \$582.00 16709AXS - Task Lights - \$519.00 16711AXS - Footwell Lighting - \$155.00 16712AXS - Down Bias Lighting - \$155.00 16713AXS - Arc Lighting - \$519.00	16	2.00 EA	\$4,009.00	50.00 %	\$2,004.50	\$4,009.00
7.01	15560	Acrylic Cleaning Kit	6	1.00 EA	\$134.00	50.00 %	\$67.00	\$67.00
8.00	16909	Shelf, Under Surface, With Power, 1 AC Outlet, 1 USB Charge, 1 USB-C Charge, Metal, Black OPEN MARKET	17	2.00 EA	\$379.00	50.00 %	\$189.50	\$379.00
10.00	12033-3D.	Return Worksurface - 18Wx36D	19	2.00 EA	\$656.00	50.00 %	\$328.00	\$656.00
10.01	12033-3D-FT.	Flip Top Return Worksurface - 24Wx36D	20	2.00 EA	\$656.00	50.00 %	\$328.00	\$656.00
10.02	13094-3D.	Return Worksurface - 36Wx72D	21	1.00 EA	\$1,857.00	50.00 %	\$928.50	\$928.50
11.00	16209	Cable Bridge Corner Angled Left Side	22	2.00 EA	\$261.00	50.00 %	\$130.50	\$261.00
11.01	16210	Cable Bridge Corner Angled Right Side	23	1.00 EA	\$261.00	50.00 %	\$130.50	\$130.50
11.02	15484-3D-FT.	CPU Cabinet - ERGO ACCESS Under Work Surface 24Wx34.5D With Flip Top Hinge	24	2.00 EA	\$1,686.00	50.00 %	\$843.00	\$1,686.00
12.00	11352-3D.	Drawer Pedestal - Fixed - Single - 18W - 6-6-12 Drawers 18W 22D	25	2.00 EA	\$1,404.00	50.00 %	\$702.00	\$1,404.00
16.00	13675-3D.	Storage Cabinet - UnderWS W/Toekick - 30W, 28H, 13D	27	2.00 EA	\$1,266.00	50.00 %	\$633.00	\$1,266.00
18.00	12235	Support - "L" Bracket 18"	31	2.00 EA	\$55.00	50.00 %	\$27.50	\$55.00
18.01	16877.	Under Surface Support Bars Priced by Linear Foot: 4.5ft OPEN MARKET	39	2.00 EA	\$234.00	50.00 %	\$117.00	\$234.00
19.00	10176EXT	Cup Holder - Extended for Eagle	32	2.00 EA	\$114.00	50.00 %	\$57.00	\$114.00
90.00	16139	Installers Kit Eagle Line	33	2.00 EA	\$0.00	0.00 %	\$0.00	\$0.00
99.00	Other	Other Charges & Services	34	1.00 EA	\$0.00	0.00 %	\$0.00	\$0.00

Xybix Systems, Inc.
 8207 SouthPark Circle
 Littleton CO 80120
 Phone: 303-683-5656
 Fax: 303-683-5454
 AvivaM



Quote Number Section 11, Item C)

Quote Date: 4/25/2024
 Revision: D
 Orig Create Date: 3/14/2024
 Expires: 8/31/2024
 Opp #: 0027701

Quote

Terms: NET 30

Page: 4 of 4

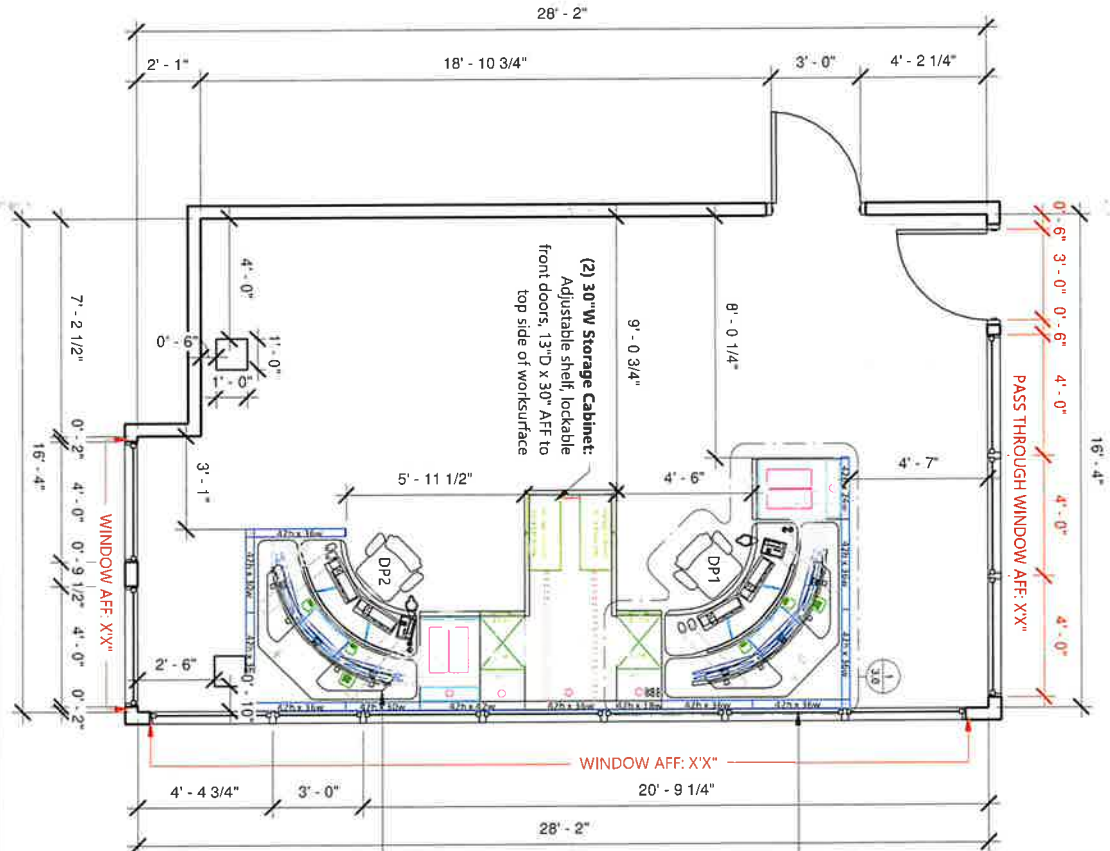
Line	Part Num	Desc	Qty	U/M	List Ea.	Disc. %	Disc. Price	Net Price
Line (34) - Miscellaneous Charge -								
								Ext. Price
1.) Freight - Box Truck								3,178.56
2.) Installation								8,341.50
List Price Total:					\$71,080.50	Lines Total:		\$35,540.25
								Line Miscellaneous Charges
								Total:
								Taxes Total:
								\$0.00
								Quote Total:
								\$47,060.31

Note 1:
 All quoted taxes are estimated. Any applicable taxes, fees, permits, etc. must be added to this quote.

Note 2:
 Where installation is listed on quote it is based in non-union labor and on one trip for installation only. Client is responsible for coordination of Technicians and other Vendors/Contractors. Waiting time will be charged at the rate of \$75 per man hour straight time and \$115 per man hour for OT plus subsistence expenses.
 Additionally, this quote is based upon a remodel in an existing space and/or new building - completely finished with a Certificate of Occupancy. Any project where the General Contractor is still on the job is subject to additional charges.

We appreciate this opportunity to provide this quote. Our goal is to substantially improve working conditions for your valuable staff. We look forward to meeting with you to review this proposal in detail. In the meantime please don't hesitate to call us with any questions.

CEILING HEIGHT: 8'
POWER/DATA COMING FROM: WALLS



ALL RED DIMENSIONS NEED TO BE VERIFIED

Fabric Top Panel Tiles
Needed: Against wall in front of windows:
(1) 18"W
(1) 30"W
(4) 36"W
(1) 42"W

Xybix 66"x66" Dual Surface Console:
Sit to stand adjustment range of 22"-48"
AFF with L4 Table Base

1 FLOOR PLAN
1/4" = 1'-0"



<p>8207 Southpark Circle Littleton, CO 80120 1.800.788.2810 F.303.683.5764 www.xybix.com</p>	
<p>Sales: Kayla Butler Email: kaylab@xybix.com Designer: Atria Mucha Email: AtriaM@xybix.com</p>	
<p>Gluckstadt PD TBD Gluckstadt, MS</p>	
<p>Opportunity: 0027701 Carpet Opt: N/A Drawing Name: FLOOR PLAN</p>	
<p>SHEET: 20 SCALE:</p>	<p>NOTE: This design is layout is the property of XYBIX Systems, Inc. & is not to be used in any written manner without the written permission by XYBIX Systems, Inc.</p>
<p>Sign-Off Initials: REV</p>	<p>2</p>

Preferred Solutions Group DBA Preferred Ergonomics

2130 NE 32nd St
 Lighthouse Point, FL 33064 US
 jyoung@preferredergonomics.com
 www.preferredergonomics.com



Estimate

ADDRESS

City of Gluckstadt Police
 Department

ESTIMATE # 1422

DATE 05/01/2024

ACTIVITY	QTY	RATE	AMOUNT
12343. Panel System Priced by the Linear Foot: Grade 3 Fabric 12343-1-SS - 29-48in - 19.5 LF@ \$281.00/LF 12343-1-DS - 29-48in - 18.0 LF@ \$380.00/LF Upper Tiles Fabric Color: TBD Grade 3 G2 Lower Tiles Fabric Color: TBD Grade 3 G2 Panel Trim Color: Black	1	7,159.75	7,159.75
13771. Panel Tile 12147-14HX18W W-Fabric	1	86.00	86.00
13771. Panel Tile 11429-14HX30W W-Fabric	1	86.00	86.00
13771. Panel Tile 11430-14HX36W W-Fabric	4	86.00	344.00
13771. Panel Tile 11428-14HX42W W-Fabric	1	86.00	86.00
14486-3D. Adj. Table Worksurface - Corner Dual Surface Adj. Table Worksurface - Corner Dual Surface - 66L x 66R - Cable Management Included	1	1,359.50	1,359.50
14486-3D. Adj. Table Worksurface - Corner Dual Surface Adj. Table Worksurface - Corner Dual Surface - 72L x 72R - Cable Management Included	1	1,359.50	1,359.50
15701 T4 Table Base L4 Table Base	1	3,368.00	3,368.00
15844 T5S Table Base L5S Table Base for 72X72 Corner	1	4,139.50	4,139.50

ACTIVITY	QTY	RATE	AMOUNT
Worksurface			
16744. Monitor Mount 3 - Rollervision - Corner Dual Surface - 66L x 66R 16676 - Std VESA Mount 2 HI 2 Knuckle Qty = 3 Total: \$2,580.00	1	2,471.50	2,471.50
16744. Monitor Mount 3 - Rollervision - Corner Dual Surface - 72L x 72R 16676 - Std VESA Mount 2 HI 2 Knuckle Qty= 3 Total: \$2,580.00	1	2,471.50	2,471.50
16130-8 Datadock2 Datadock2 - Keyboard Snap-In Cable Organizer Includes: 8 - USB Ports 1 - RJ45 Port	2	354.50	709.00
13074 Ext Cable Monitor - TBD	12	52.00	624.00
15848 Grounding Kit Full Station R56 Compliant OPTIONALx4	0	769.50	0.00
11792-BLK Power Bar - 10 Outlet With Black Sticker Power Bar - 10 Outlet With Black Sticker	2	85.00	170.00
11792-OR Power Bar - 10 Outlet With Orange Sticker Power Bar - 10 Outlet With Orange Sticker	2	85.00	170.00
14976 6 Outlet Power Strip 25' 6 Outlet Power Strip 25	1	90.00	90.00
16708. Axys Control System with Fan Base Price: \$2,079.00 16707 AXS - Heat -\$582.00 16709AXS -Task Lights -\$519.00 16711 AXS - Footwell Lighting -\$155.00 16712AXS - Down Bias Lighting - 16713AXS - Arc Lighting -\$519.00	2	2,004.50	4,009.00
15560 Acrylic Cleaning Kit	1	67.00	67.00
16909 Shelf, Under Surface, With Power, 1 AC Outlet, 1 USB Charge, 1 USB-C Charge, Metal, Black	2	189.50	379.00
12033-3D. Return Worksurface Return Worksurface - 18Wx36D	2	328.00	656.00
12033-3D- FT. Flip Top Return Worksurface - 18Wx36D	2	328.00	656.00
13094-3D. Return Worksurface - 36Wx72D	1	928.50	928.50
16209 Cable Bridge Corner Angled Left Side	2	130.50	261.00

ACTIVITY	QTY	RATE	AMOUNT
16210 Cable Bridge Corner Angled Right Side	1	130.50	130.50
15484-3D-FT. CPU Cabinet - ERGO ACCESS Under Work Surface 24Wx34.5D With Flip Top Hinge	2	843.00	1,686.00
11352-3D. Drawer Pedestal - Fixed - Single - 18W - 6-6-12 Drawers 18W 22D	2	702.00	1,404.00
13675-3D. Storage Cabinet - UnderWS W/Toekick - 30W, 28H, 13D	2	633.00	1,266.00
12235 Support - "L" Bracket 18"	2	27.50	55.00
16877. Under Surface Support Bars Priced by Linear Foot: 4.5ft	2	117.00	234.00
10176EXT Cup Holder Cup Holder - Extended for Eagle	1	57.00	57.00
16139 Installers Kit Installers Kit Eagle Line	1	0.00	0.00
			Subtotal: 36,483.25
Freight	1	3,178.56	3,178.56
Installation-	1	8,341.50	8,341.50
			Subtotal: 11,520.06

Where installation is listed on quote it is based in non-union labor and on one trip for installation only. Client is responsible for coordination of Technicians and other Vendors/Contractors. Waiting time will be charged at the rate of \$75 per man hour straight time and \$115 per man hour for OT plus subsistence expenses. Additionally, this quote is based upon a remodel in an existing space and/or new building - completely finished with a Certificate of Occupancy. Any project where the General Contractor is still on the job is subject to additional charges.

TOTAL **\$48,003.31**

Accepted By

Accepted Date



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 01, 2024

Subject: Requesting approval to start a work order for c spire phone system and internet for the new police department.

I'm requesting the Mayor and Board of Alderman approve to start a work order for c spire phone system and internet. It will take time to assign a project manager, engineering, and to install the fiber line for the phone system. The quote attached is in the amount of \$916.56 and is under State of MS Contract NO: 5000. Billing will not start until we are in the building and ready to go live.

Sincerely,

Chief Barry W. Hale





Service Order Form

BILLING INFORMATION			
Customer Name		Sales Representative	Proposal Reference
City of Gluckstadt		Tina Holland	Q-426356
Billing Address		Tax ID	Contract ID
343 Distrubition Drive		871438222	
City, State	Zip Code	Billing Contact Phone	
Madison, MS	39130	6019467019	
Billing Contact Name		Billing Contact E-mail	
Lindsay Kellum		lindsay.kellum@gluckstadt.net	
Technical Contact		Technical Contact Phone	
Kerry Minninger		601-573-8915	
Technical Contact Email			
kerry.minninger@gluckstadt.net			

Customer acknowledges that it is purchasing or changing the products and services listed on Exhibit A under that certain State of MS Contract No: 5000 and that the terms and conditions of such contract shall apply hereto.

Client Authorized Signature	Date
Client Name	Client Title

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Exhibit A – Product and Services

140 Gluckstadt Way, Madison, MS 39110							
Item	Description	Service Type	Quantity	Billing Frequency	Monthly Per Unit	Monthly Cost	Upfront
Auto Attendant	Multi-Level Auto Attendant	New	1	Monthly	\$2.75	\$2.75	\$0.00
Gateway Rental	8 port Gateway Rental	New	1	Monthly	\$15.73	\$15.73	\$0.00
Phone Rental	VVX 450 Rental	New	15	Monthly	\$2.55	\$38.25	\$0.00
POE Switch Rental	PoE Switch (Gigabit) – 8 Port - Rental	New	1	Monthly	\$5.10	\$5.10	\$0.00
VOIP	IP Voice State Contract	New	20	Monthly	\$7.00	\$140.00	\$0.00
Phone Rental	Polycom Trio 8800 - Rental	New	1	Monthly	\$15.73	\$15.73	\$0.00
Government Business Line	Voice Business Line (Government) - Flat Rate	New	3	Monthly	\$15.00	\$45.00	\$0.00
Administration Training	Administration Training	New	1		\$0.00	\$0.00	\$0.00
End User Training	VOIP Training	New	1		\$0.00	\$0.00	\$0.00
State Contract Ethernet Layer 2	State Contract Ethernet Circuit 100 Mbps x 100 Mbps Unmanaged / Z Location: 140 Gluckstadt Way, Madison, MS 39110	New	1	Monthly	\$220.00	\$220.00	\$0.00

State Contract Raw Internet	State Contract Raw Internet 100 Speed: 100	New	1	Monthly	\$50.00	\$50.00	\$0.00
State Contract Static IP	State Contract Static IPs 4	New	1	Monthly	\$4.00	\$4.00	\$0.00
State Contract Ethernet Layer 2	State Contract Ethernet Circuit 10 Mbps x 10 Mbps Unmanaged / Z Location: 140 Gluckstadt Way, Madison, MS 39110	New	1	Monthly	\$190.00	\$190.00	\$0.00
State Contract Ethernet Layer 2	State Contract Ethernet Circuit 10 Mbps x 10 Mbps Unmanaged / Z Location: 3851 Mississippi 468, Pearl, MS 39208	New	1	Monthly	\$190.00	\$190.00	\$0.00
Location Totals:						\$916.56	\$0.00

Summary		
Location	Monthly Cost	Total Upfront
140 Gluckstadt Way, Madison, MS 39110	\$916.56	\$0.00

Monthly Billing Frequency Summary	
Location	Total
140 Gluckstadt Way, Madison, MS 39110	\$916.56
Monthly Total:	\$916.56

All Locations Totals	Monthly Cost	Total Upfront
	\$916.56	\$0.00

Equipment that is not managed or owned by C Spire Business is the responsibility of the Customer and may result in an impact to service quality. C Spire Business support does not cover Customer-managed equipment. C Spire Business may provide professional services for configuration changes or troubleshooting for an additional fee, or can develop a proposal for replacement with managed infrastructure.

Pricing valid for 30 days from date of proposal. Taxes and fees not included. Cable drops, if required, can be quoted as an additional engagement.

Proposals that include 3rd party circuits or circuits off-net to C Spire's Network should be considered budgetary and may be subject



C Spire Installation Information & Acknowledgments

C Spire is building a custom designed and engineered circuit to provide high speed fiber optic internet and / or Voice over Internet Protocol (VoIP) service to your business. Installation and deployment costs to deliver C Spire fiber internet are significant and based on the completion of the tasks bulleted below. The deployment estimates below are only approximate, impacted by several variables, and cannot be guaranteed for a specific service delivery date.

Standard Deployment Steps - Voice Only Service

- **Estimated Deployment Timeline** - 45 days from order acceptance by C Spire. Customer must have confirmation of acceptable internet service and bandwidth required.
- **Site Survey** – A C Spire technician will schedule a visit to determine wiring, call flow, phone numbers and verify acceptable internet bandwidth to support VoIP service.
- **Customer Premise Equipment Configuration** – Design and build routers and switches for installation.
- **Phone Installation** – A scheduled day to install phones and other needed equipment.
- **Phone Number Port** – Moving phone numbers from current carrier to C Spire. Porting is estimated to complete approximately 5 – 10 business days after the new C Spire phones are installed.

Standard Deployment Steps - Internet via Fiber Optic Cable

- **Estimated Internet Fiber Deployment Date** - 90 calendar days from order acceptance by C Spire
- **Estimated Voice Services Deployment** – 15 - 25 days after Internet installation (see steps above)
- **Field Survey** – An engineer will determine the best route to customer premise and determine verification of conduit, easements, right of ways, etc.
- **Engineering Drawings** – CAD drawings for construction and permit application with city, county, DOT, etc.
- **Permitting** – Working with agencies to approve construction
- **Construction** – Trench or bore fiber optic cable
- **Fiber Splice** – Connectivity of fiber to C Spire’s network/customer premise
- **Engineering/Field Services** – Program and deploy electronics for service

Additional circumstances that may also cause a delay to deployment:

- delay by governing city/state organizations for permit approval
- obtaining required permits to cross rivers or railroad tracks (up to 1 year)
- obtaining required permits to cross federal interstate routes
- delays due to long periods of bad weather delaying physical construction.

to additional installation costs. If additional installation costs are required, Customer will have the option to revise or cancel the service agreement.

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Equipment and Construction Costs – Payment

In reliance upon your agreement to receive fiber services, C Spire will expend considerable capital expense to commence deployment to your business.

- **Customer acknowledges** that the construction and equipment cost to deliver C Spire fiber internet to your business is significant, and Customer agrees to begin paying for such cost through regular monthly billing within 60 days after installation is complete. Otherwise, full payment for the construction and equipment cost will be due within 60 days of installation.

Business Relocation, Business Sale or other Termination of Service

- **Customer acknowledges** that this is a custom designed and engineered service for the sole use of the business named in the Telecom Service Agreement (TSA) at the specific business address at the time of installation.
- **Customer acknowledges** that they are responsible to complete the full term of the service acknowledgement on the TSA or otherwise be subject to **Early Termination Fees (ETFs)** as outlined on the TSA.
- **Customer acknowledges** that the relocation, sale or closure of the business for the location in which the service was delivered will result in **Early Termination Fees (ETFs)** unless the service is otherwise assigned, with the permission of C Spire, to a new business entity willing to assume a new contract for service at said location.
- **Customer acknowledges** that since this is a custom designed and engineered service to a specific location it cannot be moved or relocated to a new address without the full process of the initial installation as described above and with a new corresponding TSA.

You therefore acknowledge that you have read and agree to the C Spire Telecommunications Service Agreement (TSA), which contains important information, including the assessment of penalties for early termination or cancellation of your service once the internal C Spire service delivery process has begun from the date of signature and C Spire order acceptance.

You also acknowledge C Spire shall not be liable to Customer in any way for failure to commence or complete deployment of the services by the estimated timelines provided.

Pricing valid for 30 days from date of proposal. Taxes and fees not included. Cable drops, if required, can be quoted as an additional engagement.

Proposals that include 3rd party circuits or circuits off-net to C Spire's Network should be considered budgetary and may be subject to additional installation costs. If additional installation costs are required, Customer will have the option to revise or cancel the service agreement.

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Customer Name

Date

Customer Signature



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

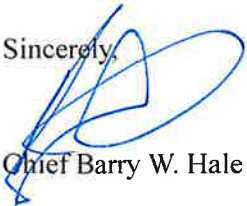
To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 08, 2024

Subject: Requesting approval for change order # 4 the judges bench area at the new police department.

I'm requesting the Mayor and Board of Alderman approve change order # 4 for the judges bench area for the new police department.

Sincerely,

Chief Barry W. Hale



AIA® Document G714® – 2017

Construction Change Directive

PROJECT: <i>(name and address)</i> City of Gluckstadt Police Station and Municipal Court Gluckstadt, MS	CONTRACT INFORMATION: Contract For: General Construction Date: July 5, 2023	CCD INFORMATION: Directive Number: 004 Date: May 7, 2024
OWNER: <i>(name and address)</i> City of Gluckstadt 343 Distribution Drive Madison, MS 39110	ARCHITECT: <i>(name and address)</i> Dean Architecture, P.A. 661 Sunnybrook Road, Ste 140 Ridgeland, MS 39157	CONTRACTOR: <i>(name and address)</i> Beachmark Construction Corporation 1867 Crane Ridge Dr., Ste 200-A Jackson, MS 39216

The Contractor is hereby directed to make the following change(s) in this Contract:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits.)

See attached SD-4 A101 dated 5/7/2024 (per the owner's request) - Modified dimensions at Judges bench area. Provide all labor, material and equipment necessary for this change.

PROPOSED ADJUSTMENTS

- The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:
 - Lump Sum decrease of \$0.00
 - Unit Price of \$ per
 - Cost, as defined below, plus the following fee:
(Insert a definition of, or method for determining, cost)
 - As follows: Provide a breakdown of cost asap for architect/owner's approval - from remaining contingency.
- The Contract Time is proposed to remain unchanged. The proposed adjustment, if any, is (0 days).

NOTE: The Owner, Architect and Contractor should execute a Change Order to supersede this Construction Change Directive to the extent they agree upon adjustments to the Contract Sum, Contract Time, or Guaranteed Maximum price for the change(s) described herein.

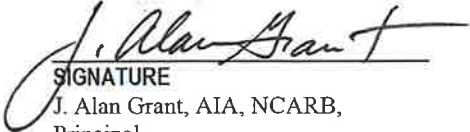
When signed by the Owner and Architect and received by the Contractor, this document becomes effective IMMEDIATELY as a Construction Change Directive (CCD), and the Contractor shall proceed with the change(s) described above.

Contractor signature indicates agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this CCD.

Dean Architecture, P.A.
ARCHITECT *(Firm name)*

City of Gluckstadt
OWNER *(Firm name)*

Benchmark Construction Corp.
CONTRACTOR *(Firm name)*


SIGNATURE
J. Alan Grant, AIA, NCARB,
Principal
PRINTED NAME AND TITLE

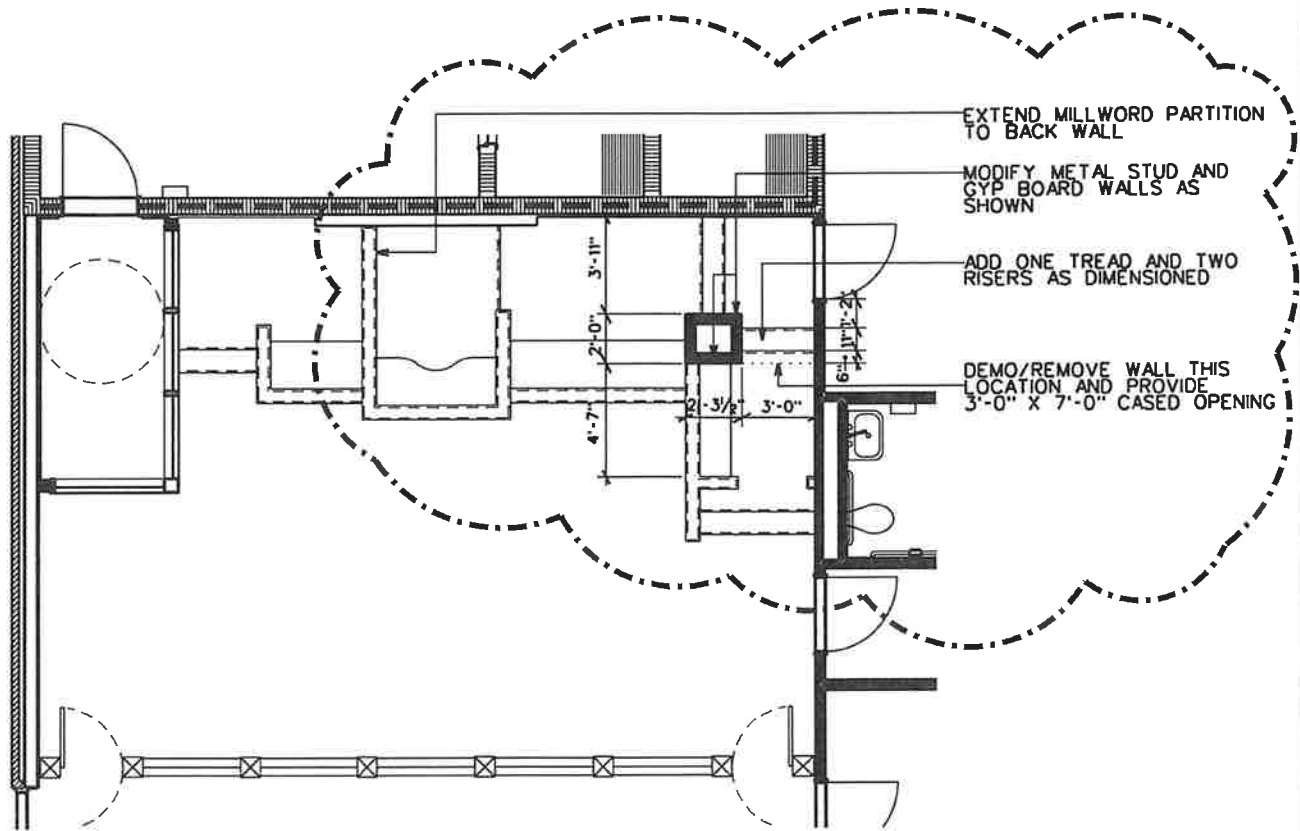
SIGNATURE
Walter C. Morrison, IV,
Mayor
PRINTED NAME AND TITLE

SIGNATURE
David Marsh,
President
PRINTED NAME AND TITLE

5/7/24
DATE

DATE

DATE



**FLOOR PLAN (PARTIAL)
AT COURTROOM 164**

1
A101

SCALE : NOT TO SCALE



SUPPLEMENTAL DRAWING

MODIFIED DIMENSIONS
AT JUDGES BENCH AREA

Project Name: CITY OF GLUCKSTADT
POLICE STATION AND MUNICIPAL COURT

Project No.: 22093
Date: 5.7.2024

Dwg. No.:
SD-4
A101



CITY OF GLUCKSTADT

MISSISSIPPI

OFFICE OF THE POLICE DEPARTMENT

343 Distribution Drive, Gluckstadt, Mississippi 39110

MEMORANDUM

To: Mayor & Board of Alderman

From: Barry Hale, Police Chief

Date: May 06, 2024

Subject: Requesting approval to enter into a MOU with Department of Public Safety, Office of Homeland Security, Mississippi Cyber Unit.

I'm requesting the Mayor and Board of Alderman approve the City of Gluckstadt and the Gluckstadt Police Department to enter into a MOU with the Department of Public Safety, Office of Homeland Security, Mississippi Cyber Unit. The Attack Surface Management Platform will be an asset for increasing protection from cyberattacks, reducing the risk of breaches, finding hidden vulnerabilities, and simplifying security management.

Sincerely,

Chief Barry W. Hale





Increase your network security with an Attack Surface Management platform!

Imagine having an invisible security guard constantly checking your public facing assets, looking for weaknesses and potential threats. That's what an Attack Surface Management Platform (ASM) does for your organization!

Increase your protection from cyberattacks with peace of mind:

- **Find hidden vulnerabilities:** ASM scans all your external connections, even those you might have forgotten, uncovering unpatched and internet facing operating systems, open ports, and database weaknesses before attackers can exploit them.
- **Reduce the risk of breaches:** By continuously monitoring your external network, ASM helps you stay ahead of potential threats, so you can address them before they can cause damage.
- **Simplify security management:** Gives you a clear picture of your overall external security posture and provides actionable recommendations for improvement.

The Mississippi Cyber Unit (MCU) has your back:

- **We provide the ASM platform:** You don't have to worry about setup or maintenance. We'll handle it, from collection setup to ASM operator training.
- **We assist with monitoring:** Our team keeps a watchful eye on your ASM and will notify you promptly of any critical or high-risk issues.
- **We work as your partner:** We're here to answer your questions and help you understand your security posture.

To ensure the best protection, please remember:

- **Keep your antivirus software up to date:** This essential tool helps block common threats.
- **Maintain supported and updated system versions:** Outdated systems are more vulnerable.
- **Install updates promptly:** Do not wait to patch critical security vulnerabilities.
- **Practice good password hygiene:** Avoid sharing credentials and use strong, unique passwords.

By working together with the MCU, you can create a robust cybersecurity defense and protect your organization from harm. Fill out the attached Memorandum of Understanding to get started. Let's keep your network safe!



Mississippi Cyber Unit: Memorandum of Understanding



This Memorandum of Understanding, (hereafter ("Agreement")), between the City of Gluckstadt, Mississippi, (hereafter "Partner Agency"), with offices located at 343 Distribution Drive, Madison, Ms 39110 and the Mississippi Cyber Unit, (hereafter "MCU"), a division of the Mississippi Office of Homeland Security, with offices located at 1 Mema Drive, Pearl, MS 39208, an office of the Mississippi Department of Public Safety (hereafter "MDPS"), outlines a cooperative agreement by which MCU will provide an external attack surface management system, (hereafter "ASM"), consisting of all components which will or may be provided by MCU to Partner Agency. The ASM is web-based and only monitors infrastructure accessible to the Internet. The ASM does not require any hardware or software installation by the Partner Agency.

WHEREAS, MCU, in conjunction with its contractors, has undertaken the deployment of an ASM, which provides external vulnerability and risk management incites; and

WHEREAS, MCU has made provisions to provide implementation of, and training for, ASM; and

WHEREAS, Partner Agency desires to utilize the ASM being offered;

NOW, THEREFORE, in consideration of the mutual understandings, promises, consideration, and agreements set forth below, the parties hereto agree as follows:

Period of Performance

This Agreement shall provide for an initial term of one year from the date of the last signature affixed hereto, (hereafter ("Initial Term")).

The Parties agree that this Agreement may be extended for four additional one-year periods, upon execution of a written amendment to the Agreement prior to the expiration of the Agreement.

Termination

Either party may terminate this Agreement for convenience by written ninety-day notice.

Either party may terminate this Agreement for cause immediately by written notice.

Commercial Terms

During the Initial Term or Subsequent Terms, the charge to Partner Agency for use of the ASM system will be zero dollars (\$0.00). Should funding sources or system cost change, MCU reserves the right to negotiate a fee with Partner Agency that will cover the cost, or a portion of the cost, of operating, supporting, and upgrading the ASM.

MCU Responsibilities

MCU agrees to:

1. Monitor ASM and notify Partner Agency within five (5) business days of any issues classified as Critical and within fourteen (14) business days for any issues classified as High. The MCU will notify the Partner Agency of other issues as they are able;
2. Provide system terms and conditions for Partner Agency reference and use;
3. Maintain proper licensing of all applications, software and utilities used to deliver the ASM application suite;

Partner Agency Initials and Date:



Memorandum of Understanding

4. Provide programming, implementation, training, support and ASM helpdesk services for the standard products included within the ASM application suite;
5. Account management for ASM (8am-5pm Monday-Friday);
6. Software support (8am-5pm Monday-Friday) for the ASM application suite – no hardware support will be provided (e.g., workstation, printer, card reader, GPS, network equipment, etc.; these issues/questions will need to be addressed to hardware provider or Partner Agency technology services);
7. Training on ASM Application Suite for Partner Agency personnel (online training or face-to-face on dates and at sites determined by MCU. Local agencies will be responsible for any travel costs incurred for training; and
8. Work with ASM vendor to address any problems with the ASM system.

Partner Agency Responsibilities

Partner Agency agrees to:

1. Notify MCU immediately if a breach of IT security has or may have occurred. Examples would include stolen-laptop, system misuse, hacked or compromised system(s), networks, compromised user/admin accounts, etc.;
2. Properly document remediation efforts on issues discovered by the ASM within the ASM system including accurate notes;
3. Abide by the Mississippi Department of Information Technology Services Enterprise Security Policy, including the prohibition on implementing any form of split-tunneling network protocol while accessing the state network, data or systems, if applicable. If not bound to the Enterprise Security Policy, abide by applicable industry and government standards;
4. Conduct regular cybersecurity assessments;
5. Maintain proper licensing of all Partner Agency software, utilities or applications utilized in association with this agreement;
6. Utilize a current version of Microsoft Windows™ operating system with latest updates installed in a suitable time period (no more than 5 days for emergency updates and within 30 days for routine updates);
7. Utilize anti-virus software at all times with a current license, which includes periodic updates that are automatically installed;
8. Allow MCU or their contractors to use personally identifiable information (PII) and non-personally identifiable information (non-PII) from all generated tickets or forms within the ASM application suite for research and statistical purposes;
9. Allow MCU or their contractors to share personally identifiable information (PII) and non-personally identifiable information (non-PII) from all generated tickets or forms within the ASM application suite on an individual basis (not bulk data), with other law enforcement agencies, including out-of-state law enforcement agencies, as approved by MCU;
10. Provide Partner Agency usernames to the MCU and notify the MCU immediately when personnel changes or dismissals occur (e.g., name, organization, or phone number appearing on tickets);
11. Disallow all users sharing access, logins, or passwords in any form;
12. Partner Agency agrees that, except as noted herein, they will not otherwise copy, translate, modify, adapt, decompile, disassemble, or reverse engineer any of the software provided without the prior written consent of MCU. All title and proprietary rights, whether tangible or intangible, including but not limited to copyright, trademark, and trade secret rights, in and to the software are retained by MCU, licensor or the third-party software manufacturer, as applicable. Partner Agency agrees to reproduce and include all applicable copyright,

Partner Agency Initials and Date:

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- trademark, and other proprietary rights notices on any copies made of software and documentation provided pursuant to this Agreement;
13. Partner Agency agree to utilize the ASM application suite for their own internal purposes and not disseminate the software or documentation provided pursuant to this Agreement to any third party;
 14. Partner Agency agree to abide by all applicable state and federal privacy and security laws, regulations or policies.

LIABILITY

The parties acknowledge and agree that MCU, as a sub-division of MDPS, a public agency of the State of Mississippi, is protected from liability pursuant to the Mississippi Tort Claims Act. Personnel from each party will be presumed to be acting within the course and scope of their employment in performing duties hereunder. Each party shall be considered to be independent of the other, and neither shall be responsible for the acts or omissions of the other party.

Agreement Modification or Renegotiation

This Agreement may be modified only by written agreement signed by the parties hereto. Any attempt at oral modification shall be void and of no effect. The parties agree to renegotiate this Agreement if federal and/or state revisions of any applicable laws or regulations make changes in this Agreement necessary.

Notices

Any notice required or permitted to be given under this Agreement shall be in writing and personally delivered or sent by electronic means, provided that the original of such notice is sent by certified United States mail, postage prepaid, return receipt requested, or overnight courier, with signed receipt, to the party to whom the notice should be given at their business address listed herein.

The MCU address for notice is:
 Director, Mississippi Cyber Unit
 Mississippi Office of Homeland Security
 1 Mema Drive
 Pearl, MS 39208
 or successor.

The Partner Agency address for notice is:
Barry Hale, Police Chief
343 Distribution Dr
Madison, Mississippi 39110
601-882-4038
 or successor.

Notice shall be deemed given when actually received or when refused. The parties agree to promptly notify each other in writing of any change of address.



Mississippi Cyber Unit: Memorandum of Understanding



Warranties

MCU provides no warranties to Partner Agency on the acceptability or usefulness of the products or services offered through this Agreement.

Waiver

Failure of either party hereto to insist upon strict compliance with any of the terms, covenants, and conditions hereof shall not be deemed a waiver or relinquishment of any similar right or power hereunder at any subsequent time or of any other provision hereof, nor shall it be construed to be a modification of the terms of this Agreement.

Governing Law

This Agreement shall be construed and governed in accordance with the laws of the State of Mississippi.

Severability

If any term or provision of this Agreement is prohibited by the laws of the State of Mississippi or declared invalid or void by a court of competent jurisdiction, the remainder of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

Sovereign Immunity

By entering into this Agreement with Partner Agency, MCU does not in any way waive its sovereign immunities or other defenses as provided by law.

Captions

The captions or headings in this Agreement are for convenience only and in no way define, limit, or describe the scope or intent of any provision or section of this Agreement.

Other Provisions

The Parties agree no other or special provisions are included or contemplated under this Agreement.



Mississippi Cyber Unit: Memorandum of Understanding



Entire Agreement

This Memorandum of Understanding constitutes the entire agreement of the parties with respect to the subject matter contained herein and supersedes and replaces any and all prior negotiations, understandings and agreements, written or oral, between the parties relating thereto.

For the faithful performance of the terms of this Agreement, the parties hereto have caused this Agreement to be executed by their undersigned authorized representatives.

Mississippi Office of Homeland Security

City of Gluckstadt, Mississippi

By: _____
Authorized Signature

By: _____
Authorized Signature

Printed Name: _____

Printed Name: **Barry Hale**

Title: Executive Director

Title: **Police Chief**

Date: _____

Date: _____

Mississippi Department of Public Safety

By: _____
Authorized Signature

Printed Name: _____

Title: Commissioner,
Mississippi Department of Public Safety

Date: _____

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION*

*Once completed by the Submitter.



U.S. Department of Homeland Security
Cybersecurity & Infrastructure Security Agency
Infrastructure Security Division
Washington, DC 20528

EXPRESS AND CERTIFICATION STATEMENT FORM
PROTECTED CRITICAL INFRASTRUCTURE INFORMATION (PCII) PROGRAM

Submitters may voluntarily submit critical infrastructure information for PCII protection under the Critical Infrastructure Information Act of 2002. All submissions must be accompanied by an Express Statement and a Certification Statement that allows protection of the information throughout the validation process.

EXPRESS STATEMENT

R.H.V. I am submitting this information voluntarily to the U.S. Federal Government in expectation of protection from disclosure as provided by the provisions of U.S. Code Title 6, Chapter 1, Subchapter II, Part B, Section 133, and the Critical Infrastructure Information Act of 2002. **(Please initial)**

CERTIFICATION STATEMENT

I am authorized to submit this information as one of the following **(Please initial)**:

- Owner (or a representative) of a privately or publicly owned company;
- Representative from an industry association;
- R.H.V.* Individual providing an informed observation of the critical infrastructure;
- State/local/tribal/territorial government official (that can attest to voluntary participation);
- Other:

R.H.V. To the best of my knowledge the information submitted is not customarily in the public domain. I am not submitting this information to comply with a regulatory requirement. I am not submitting this information to satisfy a regulatory requirement. **(Please initial)**

ACCESS DISCLOSURE

- R.H.V.* Individuals eligible to access PCII include Federal, State, Local, Tribal, or Territorial government employees or contractors who meet the following requirements **(Please initial)**:
- Assigned to homeland security duties related to critical infrastructure demonstrating a valid need-to-know; and
 - Current authorized user (to include completion of all required authorized user training); and
 - Such individuals must comply with the requirements stated in the Critical Infrastructure Information Act of 2002 and the Final Rule (6 C.F.R. part 29).

Knowing or willful false representations provided in this submission may constitute a violation of 18 U.S.C. 1001 and are punishable by fine and imprisonment.

Signature:

Date: *4/6/24*

****Continued on Next Page****

Submitter Contact Information

Name: Barry Hale	Title: Police Chief
Email: barry.hale@gluckstadt.net	Phone: 601-882-4038

Mailing Address

Street/P.O. Box:	343 Distribution Drive
City:	Gluckstadt
State:	Mississippi
ZIP Code:	39110

Organization or Company Name:

City of Gluckstadt, Mississippi

Alternate Submitter Contact Information

Name: Jeremy Slaven	Title: Asst. Chief
Email: jeremy.slaven@gluckstadt.net	Phone: 601-927-2338

Mailing Address

Street/P.O. Box:	343 Distribution Drive
City:	Gluckstadt
State:	Mississippi
ZIP Code:	39110

Organization or Company Name:

City of Gluckstadt, Mississippi

For CISA Use Only

CISA Sponsor/Assessor Name:

Regional or HQ Office:

Notes:

Email: Phone:

Revised June 2022

EXPRESS AND CERTIFICATION STATEMENT FORM

SUBMISSION REQUIREMENTS

1. The Submitter (owner/operator) should be familiar with the Express Statement and the Certification Statement, which are required for a complete submission.
2. The Submitter should affirm one of the following:
 - An owner (or a representative) of a privately or publicly owned company;
 - A State/Local/Tribal/Territorial government official (that can attest to voluntary participation);
 - A representative from an industry association; or
 - An individual providing an informed observation of the critical infrastructure.
3. The Submitter should read the following statements and affirm, to the best of his/her knowledge they are true:
 - To the best of my knowledge the information submitted is not customarily in the public domain.
 - I am not submitting this information to comply with a regulatory requirement. I am not required provide this information to a federal regulatory entity.
 - I am submitting this information voluntarily.
 - I am submitting this information to the federal government in expectation of protection from disclosure as provided by the provisions of U.S. Code Title 6, Chapter 1, Subchapter II, Part B, Section 133, and the Critical Infrastructure Information Act of 2002.
4. The Submitter should read the following statements and understand that:
 - Individuals eligible to access PCII include Federal, State, Local, Tribal, or Territorial government employees or contractors assigned to homeland security duties related to critical infrastructure, are trained in PCII regulations, PCII Program policy and procedure, and demonstrate a valid need-to-know.
 - Such individuals must comply with the requirements stated in the Critical Infrastructure Information Act of 2002 and 6 C.F.R. part 29. They are required to take PCII Authorized User training and fulfill other access requirements.