



A G E N D A
CITY OF WAUPUN PLAN COMMISSION
Waupun City Hall – 201 E. Main Street, Waupun WI
Tuesday, October 11, 2022 at 4:00 PM

The Waupun Plan Commission will meet in-person, virtual, and teleconference on **Tuesday, October 11**, 2022 at 4:00 pm in the Waupun City Hall Council Chambers.

To Join Zoom Meeting

<https://us02web.zoom.us/j/87297514722?pwd=VWJQZUw0b245MkpKMzN4M05TSkQ4QT09>

Meeting ID: 872 9751 4722

Passcode: 404145

By Phone: (312) 626 6799 US (Chicago)

CALL TO ORDER

ROLL CALL

PERSONS WISHING TO ADDRESS THE PLAN COMMISSION--State name, address, and subject of comments. (2 Minutes)

No Public Participation after this point.

FUTURE MEETINGS AND GATHERING INVOLVING THE PLAN COMMISSION

CONSIDERATION - ACTION

- [1.](#) Approve minutes of the September 28, 2022 meeting.
- [2.](#) Extraterritorial Review - Certified Survey Map - VanBever Land Division on N. Madison St.
- [3.](#) Conditional Use Permit Application of Sweet Fire Tobacco 63, 606 W. Main St. to operate a tobacco retail store per Section 16.04(2)(d)(ix) of the Waupun Municipal Code.
- [4.](#) Site Plan Review - United Cooperative - 1215 Moorman Dr
- [5.](#) Site Plan Review - SSM Health - Eye Clinic Parking Lot

ADJOURNMENT

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact the City Clerk at 920-324-7915.



MINUTES
CITY OF WAUPUN PLAN COMMISSION
Waupun City Hall – 201 E. Main Street, Waupun WI
Wednesday, September 28, 2022 at 4:30 PM

CALL TO ORDER

Chairman Bishop called the Plan Commission meeting to order at 4:30 pm

ROLL CALL

Members Present: Jerry Medema, Jeff Daane, Rohn Bishop, Jon Dobbratz, Mike Matoushek, Elton TerBeest

Members Excused: Jill Vanderkin

Staff Present: Steve Brooks - Utility Manager, Kathy Schlieve - City Administrator, Susan Leahy - Building Inspector

Public Present: Erin Fitch, Steve Westhuis, Harvey & Christine Pluim, Lindsay & Chris Farley (Zoom)

PERSONS WISHING TO ADDRESS THE PLAN COMMISSION--

None

FUTURE MEETINGS AND GATHERING INVOLVING THE PLAN COMMISSION

Next scheduled Plan Commission meeting is Wednesday, October 26, 2022

CONSIDERATION - ACTION

1. Approve minutes of the August 31, 2022 meeting
Motion by Dobbratz 2nd by Medema to approve the minutes of the August 31, 2022 meeting. Motion carried, unanimously.
2. Public Hearing - Conditional Use Permit Application of Erin Fitch, 5 Lori Ct. to operate a Jet Plasma Pen skin treatment business as a home occupation per Section 16.13 of the Waupun Municipal Code.

Chairman Bishop read the call of the hearing and it's purpose.

Motion by Matoushek 2nd by TerBeest to open the public hearing. Motion carried, unanimously.

Erin Fitch was in attendance and presented her business plan. The business is in essence just a pen. There will be one customer at a time and the customers will park in their driveway. The business has it's own dedicated space in the home. Hearing nothing further, Chairman Bishop called for a motion to close the public hearing.

Motion by Matoushek 2nd by Medema to close the public hearing, motion carried, unanimously.

Commission members asked about appointment times and business hours. The appointments will be 15-30 minute each and she is teacher so the appointments will be after school hours.

Motion by Dobbratz, 2nd by Medema to approve the Conditional Use as presented.

Roll Call: TerBeest, Medema, Daane, Bishop, Dobbratz, Matoushek – "AYE"

Motion carried, 6-0

3. Public Hearing - Conditional Use Permit Application of Sweet Fire Tobacco 63, 606 W. Main St. to operate a tobacco retail store per Section 16.04(2)(d)(ix) of the Waupun Municipal Code.

Chairman Bishop read the call of the hearing and it's purpose.

Motion by Matoushek 2nd by TerBeest to open the Public Hearing. Motion carried, unanimously.

Steve Westhuis - owns property across street. He asked if this business is privately owned or a national company. Will the store take up the large space in the building or the small part. No one was in attendance to answer these questions. From the documentation that was submitted, this would be in the large part of the building and will be retail space only. Chairman Bishop stated he received one e-mail from a neighboring property against the Conditional Use. Hearing nothing further, Chairman Bishop called for a motion to close the public hearing.

Motion by Matoushek 2nd by Medema to close the Public Hearing. Motion carried, unanimously.

Commission members had questions about traffic volume and hours of operation.

Motion by Medema, 2nd by Matoushek to table this until the Conditional Use Permit application of Sweet Fire Tobacco 63, until the October meeting to get further information.

Roll Call: TerBeest, Medema, Daane, Bishop, Dobbratz, Matoushek – “AYE”

Motion carried, unanimously.

4. Public Hearing - Franco Soma at 420 E Jefferson St. to operate an adult family home to offer 24/7 mental health crisis stabilization services and housing per Municipal Code Section 16.03(4)(d)(ix) of the Waupun Municipal Code.

Chairman Bishop read the call of the hearing and its purpose.

Motion by TerBeest 2nd by Dobbratz to open the public hearing. Motion carried, unanimously.

Christine Pluim - 422 E Jefferson St. spoke in opposition of the Conditional Use permit as there are a lot of children in the area and concerns if this operation would be staffed 24 hours a day. She also asked if this would affect the home values in this area. She stated that a couple put in an offer on this house and had a home inspection done on September 12. The property is currently listed as Sale Pending, so she was confused when she got the notice about this going into the home as she thought the house was selling to a couple. Lindsay Farley is concerned because they have 3 children. She works at the hospital and they have services like this available in Ripon and Fond du Lac Hospitals and if someone is brought to Waupun, they can be transferred to either of those facilities. Lindsay also stated that her oldest child is old enough to stay home in the summer and take care of their siblings and it's concerning to them not knowing the safety features of the home. She stated that people that go to these facilities are in a crisis situation and that is when they are in need of help first. Chris Farley stated that he is concerned about the general safety of his kids and the neighborhood and also feels there are other resources available in the area.

Hearing nothing further, Chairman Bishop called for a motion to close the public hearing.

Motion by Matoushek, 2nd by TerBeest to close the public hearing. Motion carried, unanimously.

Chairman Bishop stated he was hoping someone from this company would have been here to address concerns. He also stated that he realized there is a great need to these types of facilities but doesn't feel this is the correct location. Dobbratz asked if these facilities had to follow State or Commercial Codes. Sue stated they are regulated by the State. Daane asked how long residents would be there and noted that the property is close to a bar as well. All members stated that they realize there is a need for mental health help, but think it should be at a hospital or in more of a commercial district.

Motion by TerBeest 2nd by Matoushek to deny the Conditional Use Permit application.

Roll Call: TerBeest, Medema, Daane, Bishop, Dobbratz, Matoushek – “AYE”

Motion carried, unanimously.

5. Site Plan Review - 280 Gateway Dr

Roger Schregardus and Dennis Navis appeared to discuss site plan. An existing building will be relocated to this site to use as a wash bay for trucks. The building will be heated with in floor heat. It will sit on the gravel area on the east edge of the property. Not in the wetlands. There will be no bathroom in the building.

Daane said the plans were reviewed for stormwater management and they have been approved. Currently trucks are washed outside and this will help with that material going into the sanitary sewer rather than the storm sewer. There is no more impervious surface being added to the property

Motion by TerBeest , 2nd by Matoushek to approve the Site Plan for 280 Gateway Dr. as presented.

Roll Call: TerBeest, Medema, Daane, Bishop, Dobbratz, Matoushek – “AYE”

Motion carried, unanimously.

6. Site Plan Review - 1212 Storbeck Dr

Steve DeYoung appeared to discuss their plans. They are using this portion of vacant property for storage already, but this will extend their yard and make it look better. Daane stated they meet the stormwater requirements. They have a 75' grass buffer that the gravel can drain to filter water out.

Motion by Medema, 2nd by Matoushek by to approve the site plan as presented.

Roll Call: TerBeest, Medema, Daane, Bishop, Dobbratz, Matoushek – “AYE”

Motion carried, unanimously.

7. Extraterritorial Review - Certified Survey Map - VanBever Land Division on N. Madison St.

Sue - this is on N. Madison St - CTH M. This in the township. The parcel is currently in the Town of Waupun but the City is required to review for extraterritorial review. It meets all of our codes. Questions were raised about the mound /sewer system. How far back does the property go? Kathy stated that its currently one large parcel that includes the woods and they are proposing to section that off to exclude the woods. Annexation questions were also raised. It was stated that the City would need advice from the City Attorney before taking action on the CSM.

Motion by Matoushek, 2nd by Medema to table the VanBever Certified Survey Map on N. Madison St. to get further information from City Attorney.

Roll Call: TerBeest, Medema, Daane, Bishop, Dobbratz, Matoushek – “AYE”

Motion carried, unanimously.

ADJOURNMENT

Motion by Dobbratz 2nd by Matoushek to adjourn the meeting. Motion carried, unanimously, meeting adjourned at 5:13 pm

Minutes prepared by Trista Steinbach



Fond du Lac County

LAND INFORMATION DEPARTMENT

160 S. Macy Street
Fond du Lac, WI 54935

Phone: (920) 929-3027
Email: land.information@fdlco.wi.gov

9/22/2022

Angie Hull
City of Waupun Clerk
201 E. Main St.
Waupun, WI 53963

Re: CSM/VAN BEVER-STUEBS

Dear Ms. Hull:

In accordance with the Fond du Lac County Subdivision Ordinance and Section 236 of Wisconsin Statutes, a copy of the (certified survey) plat is hereby submitted to the City of Waupun for your initial review.

TOWN OF WAUPUN HIGHWAY DEPARTMENT
 COUNTY PLANNING DEPARTMENT STATE HIGHWAY DEPARTMENT
 CITY OF WAUPUN

Upon County Planning Department receiving the original certified survey map back from the Town, we will then forward it to you for your approval or objection. Please return it to us as soon as possible. If you object to the CSM, notify this department immediately. If you approve the plat, have the certification signed.

Sincerely,

Terry Dietzel
Land Information Director

TD:kg
enc.

As prepared by:

G GROTHMAN & ASSOCIATES S.C.

PROFESSIONAL SERVICES
625 EAST SLIFER STREET, P.O. BOX 373 PORTAGE, WI. 53901
PHONE: PORTAGE: (808) 742-7788 SAUK: (808) 644-8877
FAX: (808) 742-0434 E-MAIL: surveying@grothman.com
(RED LOGO REPRESENTS THE ORIGINAL MAP)

SEAL:



G & A FILE NO. 522-265



DRAFTED BY: T. KASPER

CHECKED BY: RC

PROJ. 522-265

DWG. 522-265

SHEET 1 OF 3

FOND DU LAC COUNTY CERTIFIED SURVEY MAP NO. _____ GENERAL LOCATION

Volume _____, Page _____

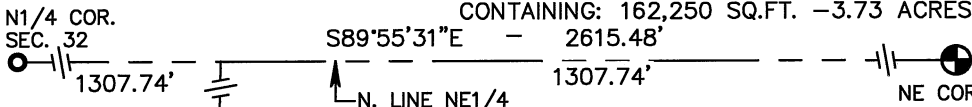
BEING PART OF THE NE1/4 OF THE NE1/4 AND PART OF THE SE1/4 OF THE NE1/4, SECTION 32,
T. 14 N., R. 15 E., TOWN OF WAUPUN, FOND DU LAC COUNTY, WISCONSIN

N1/4 COR.
SEC. 32

CONTAINING: 162,250 SQ.FT. - 3.73 ACRES

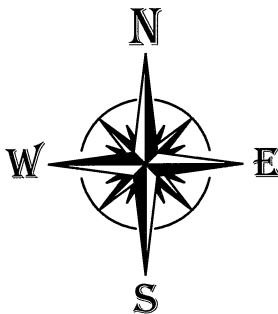
BASIS OF BEARINGS:

IS THE NORTH LINE OF THE NE1/4,
SECTION 32 WHICH BEARS
S89°55'31"E AS REFERENCED TO
GRID NORTH FOND DU LAC CO.
COORDINATE SYSTEM NAD83(91).



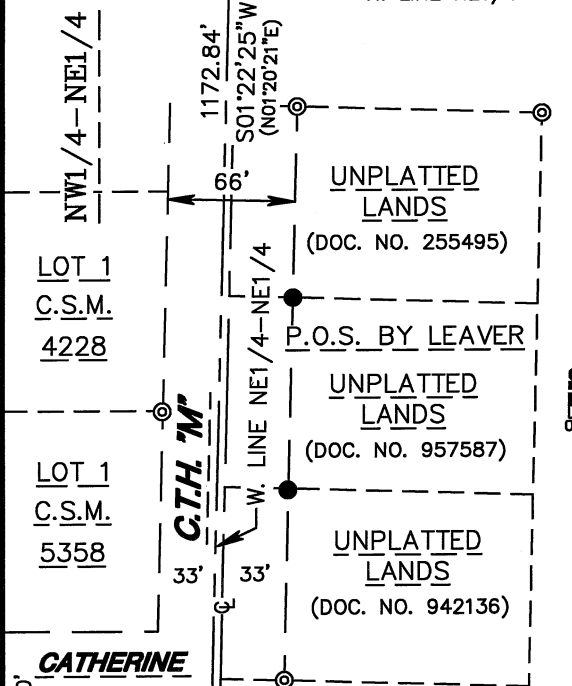
LEGEND

- 3/4" X 24" IRON ROD SET (WT. = 1.5 LBS. / L.F.)
- 3/4" IRON ROD FND.
- ▲ MAG NAIL SET
- ⊙ 1" IRON PIPE FND.
- ⊖ 2" IRON PIPE W/ ALUM. CAP FND.
- ⊠ SOIL TEST PIT
- ⊕ BERNTSEN PLASTIC MON. FND.
- ⊗ W/ BROKEN TOP
- () PREVIOUS SURVEY OR RECORD INFO.



SCALE: 1" = 100' ()

NE1/4-NE1/4



CATHERINE COURT

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

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UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS BY OWNER
(DOC. NO. 1141475)
PARCEL NO. T21-14-15-32-01-010-00

S88°37'35"E - 625.00'

587.94'

LOT 1
153,008 SQ.FT.
3.51 ACRES

DEDICATED TO THE PUBLIC
9,492 SQ.FT.
0.22 ACRES

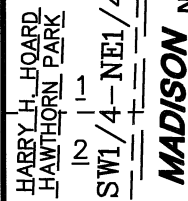
S. LINE NE1/4-NE1/4

N. LINE SE1/4-NE1/4

589.04'

N88°37'35"W - 625.00'

UNPLATTED LANDS BY OWNER
(DOC. NO. 1141475)
PARCEL NO. T21-14-15-32-04-001-00



HAWTHORN DRIVE

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

OWNER: FRANK T. VAN BEVER
W5953 S.T.H. "49"
WAUPUN, WI 53963

CLIENT: PAUL STUEBS
N8658 SUPERIOR STREET
BURNETTE, WI 53922

As prepared by:

GA GROTHMAN & ASSOCIATES S.C.

PROFESSIONAL SERVICES
625 EAST SLIFER STREET, P.O. BOX 373 PORTAGE, WI. 53901
PHONE: PORTAGE: (608) 742-7788 SAUK: (608) 644-8877
FAX: (608) 742-0434 E-MAIL: surveying@grothman.com
(RED LOGO REPRESENTS THE ORIGINAL MAP)

SEAL:



G & A FILE NO. 522-265



DRAFTED BY: T. KASPER

CHECKED BY: RC

PROJ. 522-265

DWG. 522-265 SHEET 2 OF 3

FOND DU LAC COUNTY CERTIFIED SURVEY MAP NO. _____

GENERAL LOCATION

Volume _____, Page _____

BEING PART OF THE NE1/4 OF THE NE1/4 AND PART OF THE SE1/4 OF THE NE1/4, SECTION 32, T. 14 N., R. 15 E., TOWN OF WAUPUN, FOND DU LAC COUNTY, WISCONSIN

CONTAINING: 162,250 SQ.FT. - 3.73 ACRES

SURVEYOR'S CERTIFICATE

I, **SCOTT P. HEWITT**, Professional Land Surveyor, do hereby certify that by the order of **Paul Stuebs**, I have surveyed, monumented, mapped and divided part of the Northeast Quarter of the Northeast Quarter and part of the Southeast Quarter of the Northeast Quarter, Section 32, Town 14 North, Range 15 East, Town of Waupun, Fond Du Lac County, Wisconsin, described as follows:

Commencing at the North Quarter corner of said Section 32;
thence South 89°55'31" East along the North line of the Northeast Quarter, 1,307.74 feet to the Northwest corner of the Northeast Quarter of the Northeast Quarter;
thence South 01°22'25" West along the West line of the Northeast Quarter of the Northeast Quarter, 1,172.84 feet to the point of beginning;
thence South 88°37'35" East, 625.00 feet;
thence South 01°22'25" West, 260.00 feet;
thence North 88°37'35" West, 625.00 feet to a point in the West line of the Southeast Quarter of the Northeast Quarter;
thence North 01°22'25" East along said West line and the West line of the Northeast Quarter of the Northeast Quarter, 260.00 feet to the point of beginning.
Containing 162,500 square feet, (3.73 acres), more or less. Being subject to County Trunk Highway M (also known as North Madison Street) right-of-way along the Westerly side thereof. Being subject to servitudes and easements of use or record if any.

I DO FURTHER CERTIFY that this is a true and correct representation of the boundaries of the land surveyed and that I have fully complied with the Provisions of Chapter 236.34 of the Wisconsin State Statutes and the Fond Du Lac County Subdivision Ordinance to the best of my knowledge and belief.

SCOTT P. HEWITT
Professional Land Surveyor, No. 2229
Dated: July 11, 2022
File No: 522-265

OWNER: FRANK T. VAN BEVER
W5953 S.T.H. "49"
WAUPUN, WI 53963

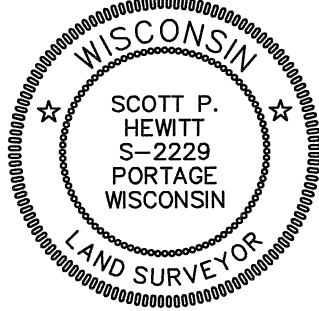
CLIENT: PAUL STUEBS
N8658 SUPERIOR STREET
BURNETTE, WI 53922

As prepared by:

GA GROTHMAN & ASSOCIATES S.C.

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(RED LOGO REPRESENTS THE ORIGINAL MAP)

SEAL:



G & A FILE NO. 522-265



DRAFTED BY: T. KASPER

CHECKED BY: RC

PROJ. 522-265

DWG. 522-265 SHEET 3 OF 3

FOND DU LAC COUNTY CERTIFIED SURVEY MAP NO. _____

GENERAL LOCATION

Volume _____, Page _____

BEING PART OF THE NE1/4 OF THE NE1/4 AND PART OF THE SE1/4 OF THE NE1/4, SECTION 32, T. 14 N, R. 15 E, TOWN OF WAUPUN, FOND DU LAC COUNTY, WISCONSIN
CONTAINING: 162,250 SQ.FT. -3.73 ACRES

CITY OF WAUPUN RESOLUTION

RESOLVED THAT this Certified Survey Map within the City of Waupun, extraterritorial jurisdiction is hereby approved and accepted by the City of Waupun Planning Commission.

Mayor

Date

City Clerk

Date

TOWN BOARD RESOLUTION

RESOLVED that this certified survey map in the Town of Waupun, _____, Owner, is hereby approved and dedication accepted by the Town Board.

Dated this _____ day of _____, 20_____.
Town Chairperson

I HEREBY CERTIFY that the foregoing is a copy of the Resolution adopted by the Town Board of Waupun.

Dated this _____ day of _____, 20_____.
Town Clerk

STATE of WISCONSIN)
SS)

COUNTY OF _____)

Approved in accordance with Section 236.12 Wisconsin Statutes _____, 20_____. Town of Waupun, Fond du Lac County Planning Agency by:

Director of Planning

OWNER'S CERTIFICATE OF DEDICATION

As Owner(s), I/we hereby certify that I/we consented to the land described on this Certified Survey Map to be surveyed, dedicated, divided and mapped as represented on this Certified Survey Map. We also certify that this Certified Survey Map is required by S.236.10 or 236.12 to be submitted to the following for approval or objection.

1. Town of Waupun
2. Fond du Lac County Planning Agency
3. City of Waupun

Frank T. Van Bever

Witness the hand and seal of said Owner this _____ day of _____, 20_____.
STATE of WISCONSIN)

SS)
COUNTY OF FOND DU LAC)

Personally came before me this _____ day of _____, 20_____, the above named Frank T. Van Bever to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Notary Public My commission expires: _____

OWNER: FRANK T. VAN BEVER
W5953 S.T.H. "49"
WAUPUN, WI 53963

CLIENT: PAUL STUEBS
N8658 SUPERIOR STREET
BURNETTE, WI 53922

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN, that at a meeting of the Plan Commission of the City of Waupun, to be on Wednesday the 28th day of September, 2022 at 4:30 pm, there will be considered the application for a Conditional Use Permit of:

1. Erin Fitch, 5 Lori Ct. to operate a Jet Plasa Pen skin treatment business as a home occupation per Section 16.13 of the Waupun Municipal Code.
2. Sweet Fire Tobacco 63, 606 W. Main St. to operate a tobacco retail store per Section 16.04(2)(d)(ix) of the Waupun Municipal Code.
3. Franco Soma at 420 E Jefferson St. to operate an adult family home to offer 24/7 mental health crisis stabilization services and housing per Municipal Code Section 16.03(4)(d)(ix) of the Waupun Municipal Code.

The meeting will be held in person, virtual and teleconference.

To Join Zoom Meeting

<https://us02web.zoom.us/j/87297514722?pwd=VWJQZUw0b245MkpKMzN4M05TSkQ4QT09>

Meeting ID: 872 9751 4722

Passcode: 404145

By phone: (312) 626-6799 US (Chicago)

PLEASE TAKE FURTHER NOTICE that all persons desiring to be heard on the proposed Conditional Use in support thereof or in opposition thereto, must contact the Zoning Administrator prior to said meeting of the Plan Commission of the City of Waupun.

Dated this 12th day of September, 2022

Susan Leahy
Zoning Administrator
City of Waupun

(PUBLISH September 21, 2022)

Fee: \$150.00 Paid: ✓#4749 Date: 8/29/22



CITY OF WAUPUN
201 E. Main Street
WAUPUN, WISCONSIN 53963

Conditional Use Permit Application

Applicant Name: Sweet Fire Tobacco 63 Phone # 231-437-3010
Address: 606 W. Main St. E-mail: wwwtoffice@yabco.com
City, State, Zip Waupun, WI 53963

Property Description and address:
Vacant commercial building/space located on 606 W. main street, the old family video store.

Conditional Use Requested:
Tobacco retail store containing cigars, tobacco products, vape devices and accessories for tobacco.

Zoning Ordinance Section Involved:
B-6

Date Presented to Plan Commission: _____

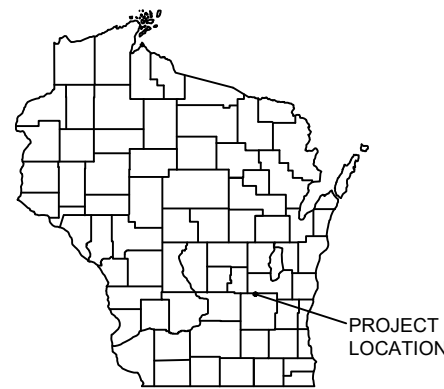
CONDITIONAL USE: Granted Denied

Comments:

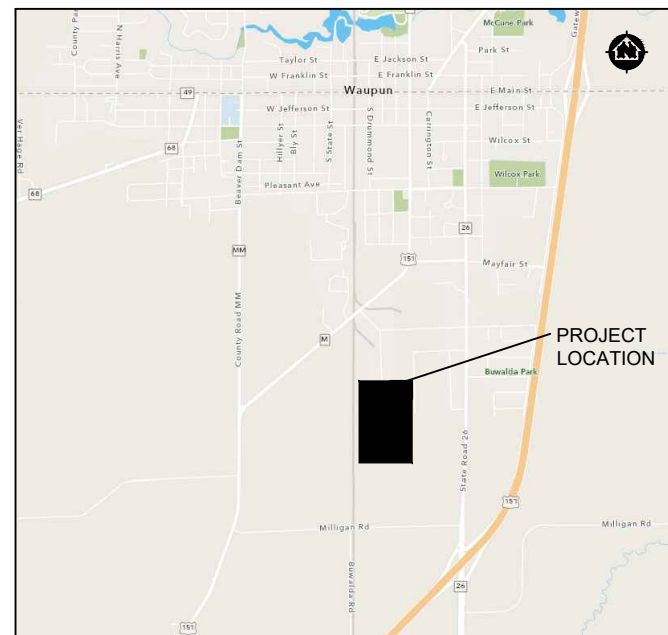
Signature of Applicant (s) *Stephanie Walsley*

UNITED COOPERATIVE DEVELOPMENT PROJECT

UNITED COOPERATIVE CITY OF WAUPUN, DODGE COUNTY, WISCONSIN



PROJECT LOCATION



PROJECT LOCATION

LOCATION MAP
NOT TO SCALE

SHEET INDEX

G - GENERAL SHEETS

G 1 TITLE SHEET

D - DETAIL SHEETS

D 1 - 6 CONSTRUCTION DETAILS

ST - SITE PLANS

ST 1 EROSION CONTROL & REMOVAL PLAN

ST 2 - ST 3 GRADING PLAN

ST 4 POND GRADING DETAIL

PP1 - SANITARY SEWER & WATER MAIN PLANS

PP 1 - PP 5 SANITARY SEWER & WATER MAIN PLAN & PROFILE SHEETS

SS - STORM SEWER PLANS

SS 1 STORM SEWER PLAN

PM - STORM WATER POND LIFT STATION PLANS

PM 1 - PM 2 STORM WATER POND LIFT STATION SECTIONS

PM 3 STORM WATER POND LIFT STATION DETAILS

R - ROAD CONSTRUCTION & PAVING PLANS

R 1 - R 2 PAVING PLAN

LEGEND

	EXISTING WATER MAIN
	EXISTING WATER MAIN, VALVE & HYDRANT
	EXISTING WATER SERVICE & CURB STOP
	PROPOSED WATER MAIN, VALVE, & HYDRANT
	PROPOSED WATER SERVICE & CURB STOP
	EXISTING SANITARY SEWER & MANHOLE
	PROPOSED SANITARY SEWER & MANHOLE
	EXISTING FORCEMAIN
	EXISTING STORM SEWER & INLET
	PROPOSED STORM SEWER & INLET
	PROPOSED STORM SEWER & MANHOLE
	BURIED ELECTRIC
	BURIED GAS & VALVE
	BURIED CABLE TELEVISION
	BURIED TELEPHONE
	BURIED FIBER OPTICS
	OVERHEAD UTILITY
	RAILROAD TRACKS
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	EXISTING SIDEWALK
	PROPOSED SIDEWALK
	EXISTING CULVERT PIPE
	PROPOSED CULVERT PIPE
	FENCE LINE
	DRAINAGE ARROW
	SILT FENCE
	RIGHT-OF-WAY
	BASELINE
	PROPERTY LINE
	TREE LINE
	BENCHMARK
	IRON PIPE
	IRON ROD
	CONTROL POINT
	UTILITY POLE & GUY
	SOIL BORING
	LIGHT POLE
	PEDESTAL
	STREET SIGN
	MAILBOX
	FLAGPOLE
	TREE - DECIDUOUS
	TREE - CONIFEROUS
	TREE TO BE REMOVED

UTILITIES

GAS:
ALLIANT ENERGY
120 E. MAPLE AVENUE
BEAVER DAM, WI 53916
PHONE: 920-887-6041
CONTACT: JEREMY RENTMEESTER

ELECTRIC:
WAUPUN UTILITIES
817 S. MADISON STREET
WAUPUN, WI 53963
PHONE: 920-324-7920
CONTACT: STEVE BROOKS

TELEPHONE:
AT&T
70 E. DIVISION STREET, FLOOR 1
FOND DU LAC, WI 54935
PHONE: 920-929-1013
CONTACT: CHUCK BARTELT

SANITARY & WATER:
WAUPUN UTILITIES
817 S. MADISON STREET
WAUPUN, WI 53963
PHONE: 920-324-7920
CONTACT: STEVE SCHRAMM

STORM SEWER & STREET:
CITY OF WAUPUN
201 E. MAIN STREET
WAUPUN, WI 53963
PHONE: 920-210-8200
CONTACT: JEFF DAANE

CATV:
CHARTER COMMUNICATIONS
N3760 C.T.H. "DJ"
JUNEAU, WI 53039
PHONE: 920-349-3201
CONTACT: NICK FRASE

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO CONSTRUCTION.

PROJECT DATE: 8/2022	NO.	DATE	REVISION	BY:
DRAWN BY:				
DESIGNED BY:				
CHECKED BY:				

PLOT DATE: 10/6/2022 12:22 AM, G:\02\02678\02678018\CADD\Construction Documents\02678018 Details.dwg



ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
201 Corporate Drive, Beaver Dam WI 53916
(920) 887-4242 www.msa-ps.com
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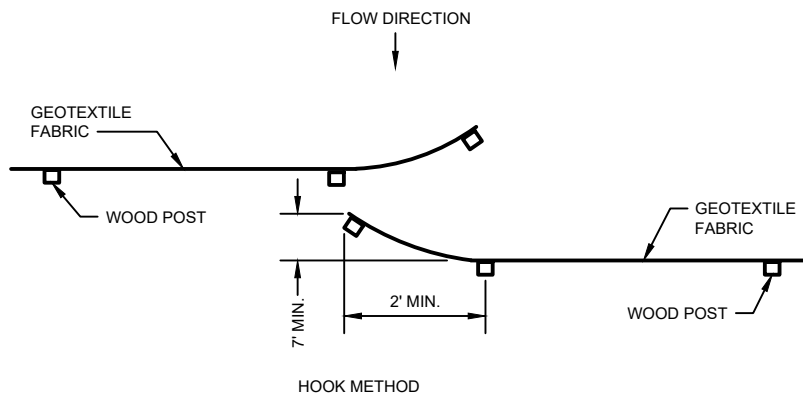
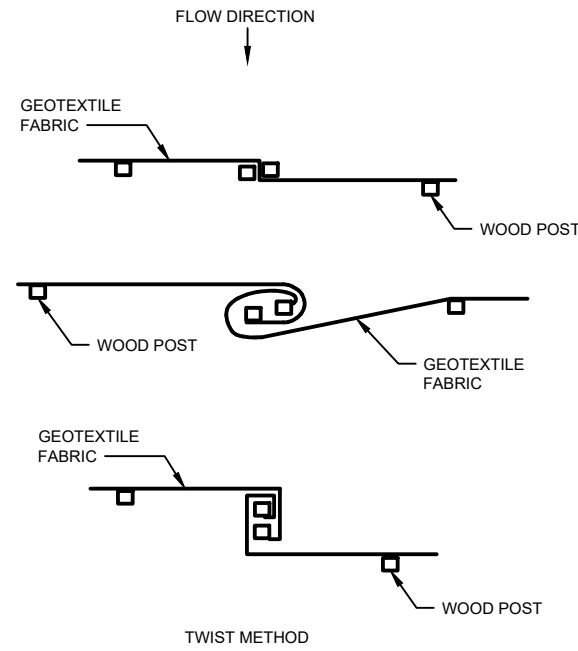
UNITED COOPERATIVE DEVELOPMENT PROJECT
UNITED COOPERATIVE
CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

TITLE SHEET

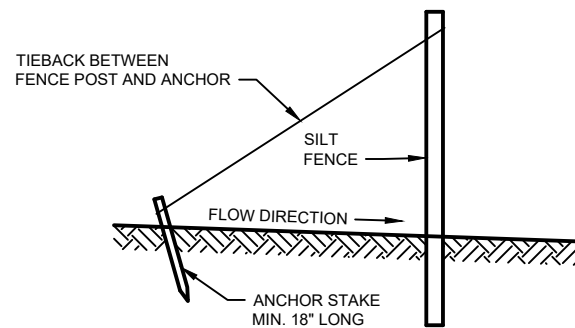
PROJECT NO:
02678018
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**CONSTRUCTION SITE
EROSION CONTROL REQUIREMENTS**

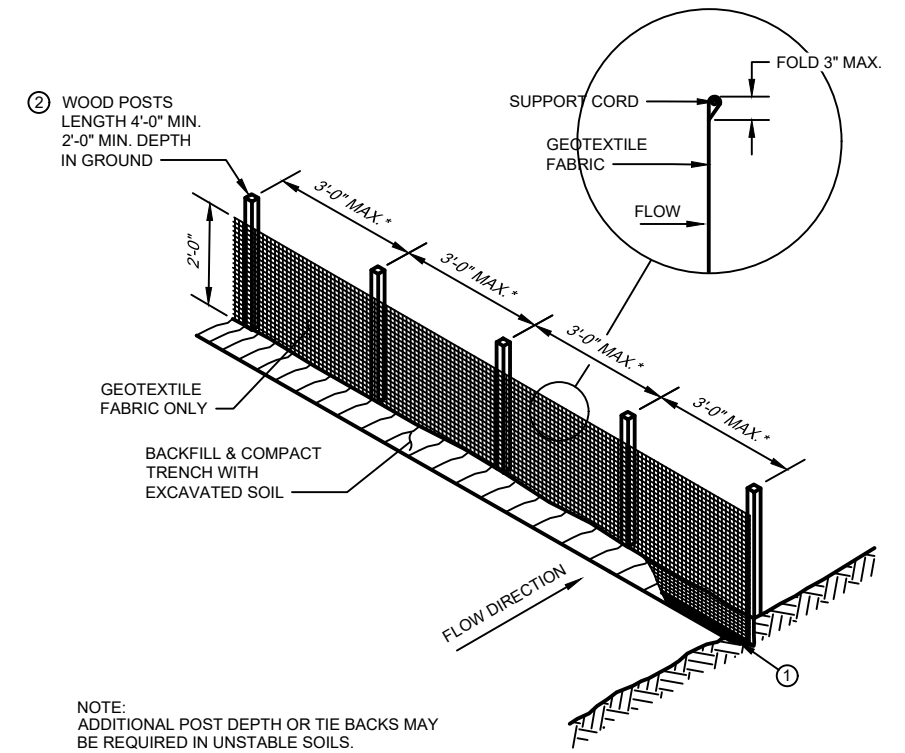
- SECTION NR216.46 OF WISCONSIN STATE ADMINISTRATIVE CODE IDENTIFIES REQUIREMENTS FOR CONSTRUCTION SITE AND POST-CONSTRUCTION EROSION CONTROL. IT IS THE INTENT OF THESE PLANS TO SATISFY THESE REQUIREMENTS. THE METHODS AND STRUCTURES USED TO CONTROL EROSION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL IMPLEMENT AN APPROPRIATE MEANS OF CONTROLLING EROSION DURING SITE OPERATION AND UNTIL THE VEGETATION IS RE-ESTABLISHED. ADJUSTMENTS TO THE CONTROL SYSTEM SHALL BE MADE AS REQUIRED.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE WISCONSIN DNR'S CONSERVATION PRACTICE STANDARDS. THESE STANDARDS ARE PERIODICALLY UPDATED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND REFERENCE THE MOST RECENTLY RELEASED STANDARD.
- THIS INFORMATION IS ONLY ONE PART OF THE OVERALL EROSION CONTROL REQUIREMENTS. ADDITIONAL REQUIREMENTS MAY ALSO BE SHOWN ON THE CONTRACT DRAWINGS AND IN THE ACCOMPANYING SPECIFICATIONS.
- ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE OWNER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
- THE AREA OF EROSION EXPOSED TO THE ELEMENTS BY GRUBBING, EXCAVATION, TRENCHING, BORROW AND FILL OPERATIONS AT ANY ONE TIME SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING. ALL DISTURBED AREAS SHALL BE TREATED WITH PERMANENT STABILIZATION MEASURES WITHIN 3 WORKING DAYS OF FINAL GRADING.
- ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN HAS OCCURRED. ALL NECESSARY REPAIR AND MAINTENANCE WILL BE DONE AT THIS INSPECTION TIME.
- ALL EROSION CONTROL DEVICES AND/OR STRUCTURES SHALL BE PROPERLY INSTALLED PRIOR TO CLEARING AND GRUBBING OPERATIONS WITHIN THEIR RESPECTIVE DRAINAGE AREAS. THESE SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS RE-ESTABLISHED.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY INSTALLED PRIOR TO ANY SOIL DISTURBANCE.
- ANY SLOPES STEEPER THAN 3H:1V SHALL BE STAKED WITH EROSION CONTROL FABRIC UNLESS INDICATED ON THE PLAN.
- ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
- WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH, OR A TACKING AGENT MAY BE REQUIRED TO PROTECT NEARBY RESIDENCES AND WATER RESOURCES.
- CHANNELIZED RUNOFF ENTERING THE PROJECT SITE FROM ADJOINING LANDS SHALL BE DIVERTED THROUGH NATURALLY OR ARTIFICIALLY EROSION-RESISTANT CONVEYANCES. IF CHANNELIZED RUNOFF CANNOT BE DIVERTED, SITE BEST MANAGEMENT PRACTICES MUST ACCOUNT FOR THE ADDITIONAL FLOW RATES AND EROSION POTENTIAL THAT SUCH RUNOFF PRESENTS.
- THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS TO PREVENT SOILS FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEPED AND/OR SCRAPED (NOT FLUSHED) PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.
- EROSION CONTROLS SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF TEMPORARY STOCKPILES. ANY SOIL STOCKPILE THAT REMAINS FOR MORE THAN 30 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING. ALL STOCK PILES SHALL BE PLACED AT LEAST 75 FEET FROM STREAMS OR WETLANDS.
- ADDITIONAL EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.) SHALL INCLUDE THE FOLLOWING:
 - PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
 - BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
 - DISCHARGE OF TRENCH WATER OR DEWATERING EFFLUENT MUST BE PROPERLY TREATED TO REMOVE SEDIMENT IN ACCORDANCE WITH THE WDNR CONSERVATION PRACTICE STANDARD 1061 - DEWATERING OR A SUBSEQUENT WDNR DEWATERING STANDARD PRIOR TO DISCHARGE INTO A STORM SEWER, DITCH, DRAINAGEWAY, OR WETLAND OR LAKE.
- ALL DRAINAGE CULVERTS, STORM DRAIN INLETS, MANHOLES, OR ANY OTHER EXISTING STRUCTURES THAT COULD BE DAMAGED BY SEDIMENTATION SHALL BE PROTECTED ACCORDING TO THE VARIOUS METHODS PROVIDED IN THE PRINTED CONSERVATION PRACTICE STANDARDS.
- ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR STABILIZATION MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
- THE FIRST SIX WEEKS AFTER INITIAL STABILIZATION, ALL NEWLY SEEDED AND MULCHED AREAS SHALL WATERED WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
- WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BMP'S SUCH AS SILT FENCES, STRAW BALES, AND SEDIMENT TRAPS SHALL BE REMOVED AND THESE AREAS STABILIZED.
- ALL TEMPORARY BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.
- ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED WITH SEED AND MULCH UNLESS OTHERWISE SPECIFIED. A MINIMUM OF FOUR INCHES OF TOPSOIL SHALL BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.



JOINING TWO LENGTHS OF SILT FENCE ③



**SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)**



NOTE:
ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.

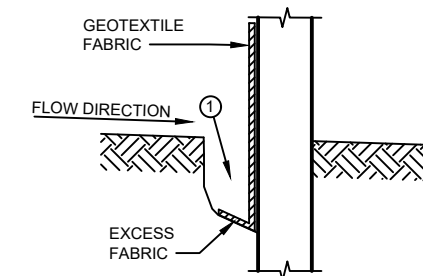
* 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED, OR IF THE SILT FENCE IS FACTORY ASSEMBLED.

ATTACH THE FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH AND NAILS.

SILT FENCE

GENERAL NOTES

- TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/2" x 1 1/2" OF OAK OR HICKORY.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.



TRENCH DETAIL

PROJECT DATE:	NO.	DATE	REVISION	BY:
8/2022				
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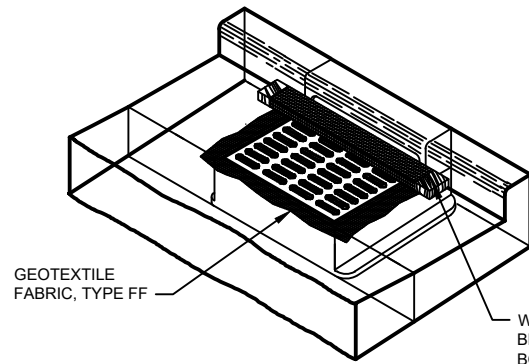


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**UNITED COOPERATIVE DEVELOPMENT PROJECT
UNITED COOPERATIVE
CITY OF WAUPUN, DODGE COUNTY, WISCONSIN**

CONSTRUCTION DETAILS

PROJECT NO.
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GEOTEXTILE FABRIC, TYPE FF

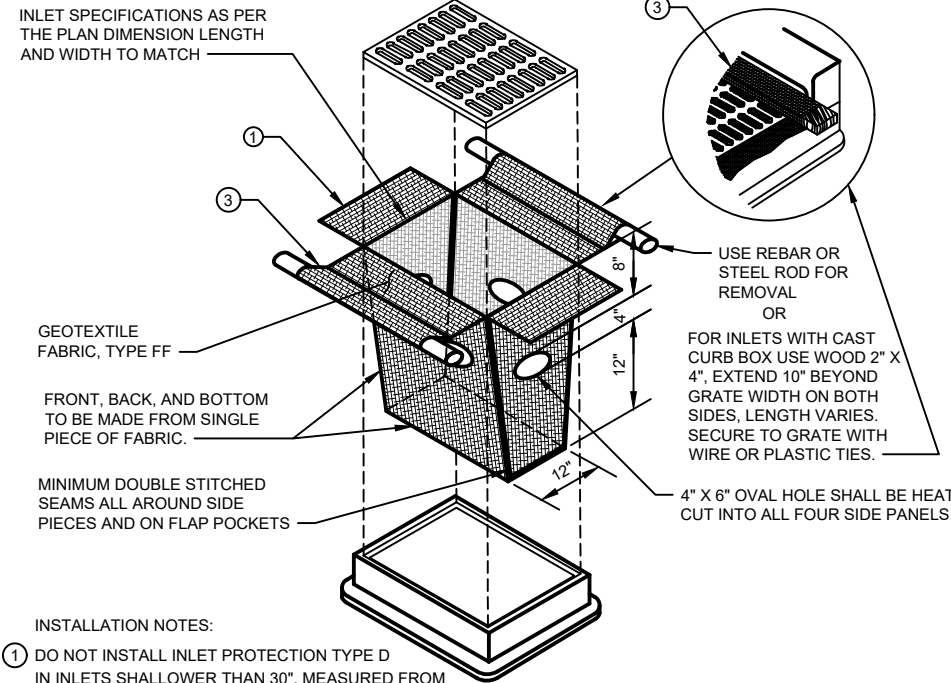
WOOD 2" x 4" EXTENDS 8" BEYOND GRATE WIDTH ON BOTH SIDES. LENGTH VARIES. SECURE TO GRATE WITH WIRE OR PLASTIC TIES

INSTALLATION NOTES:

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

INLET PROTECTION, TYPE C

NO SCALE
CAN BE INSTALLED IN ANY INLET TYPE WITH A CURB BOX



INLET SPECIFICATIONS AS PER THE PLAN DIMENSION LENGTH AND WIDTH TO MATCH

GEOTEXTILE FABRIC, TYPE FF

FRONT, BACK, AND BOTTOM TO BE MADE FROM SINGLE PIECE OF FABRIC.

MINIMUM DOUBLE STITCHED SEAMS ALL AROUND SIDE PIECES AND ON FLAP POCKETS

INSTALLATION NOTES:

- DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.
- TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.
- THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

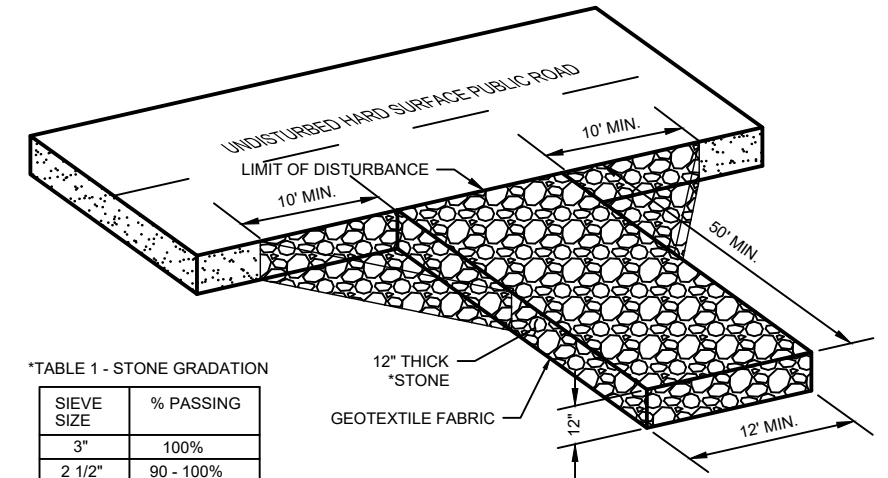
INLET PROTECTION, TYPE D

NO SCALE
CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE

GENERAL NOTES - INLET PROTECTION

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



***TABLE 1 - STONE GRADATION**

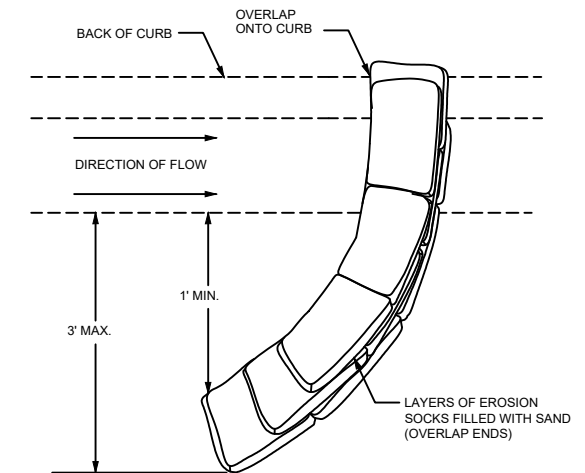
SIEVE SIZE	% PASSING
3"	100%
2 1/2"	90 - 100%
1 1/2"	25 - 60%
3/4"	0 - 20%
3/8"	0 - 5%

NOTES:

- TRACKING PAD WIDTH SHALL BE AT LEAST THE FULL WIDTH OF THE EGRESS POINT OR 12' WIDE MINIMUM.
- TRACKING PAD LENGTH SHALL BE 50' FOR CONSTRUCTION SITES, 30' FOR SINGLE FAMILY RESIDENTIAL, OR AS SPECIFIED IN THE CONTRACT DOCUMENTS. LENGTH OF TRACKING PAD MAY NEED TO BE INCREASED OR ADDITIONAL SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED BY THE CONTRACTOR IF SEDIMENT TRACK-OUT OCCURS.
- GEOTEXTILE FABRIC TYPE R SHALL BE INSTALLED BETWEEN THE STONE AND SUBGRADE ON SITES WHERE HIGH GROUND WATER IS OBSERVED.
- CONTRACTOR SHALL CLEAN STREET/ROADWAY ADJACENT TO ALL CONSTRUCTION ACCESS POINTS AT THE END OF EACH WORKDAY OR MORE FREQUENTLY IF REQUESTED.

STONE TRACKING PAD

NO SCALE

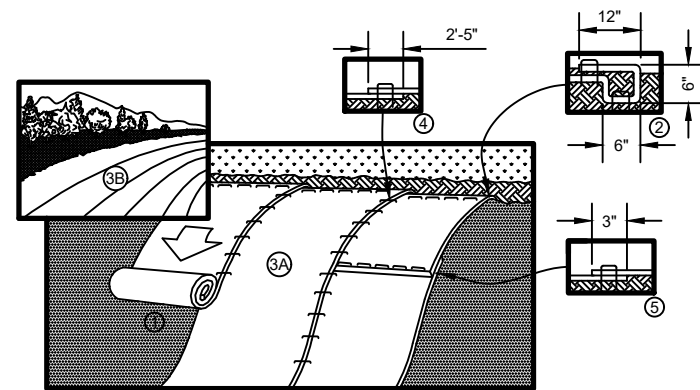


GENERAL NOTES:

- DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
- ALTERNATIVE MATERIALS PLANNED BY THE CONTRACTOR SHALL BE APPROVED BY THE CITY AND ENGINEER PRIOR TO INSTALLATION.

TEMPORARY EROSION BARRIER DETAIL

NO SCALE

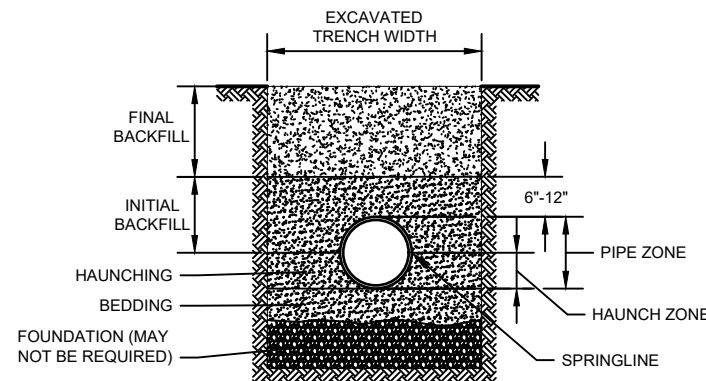


- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON BLANKET TYPE.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

EROSION CONTROL BLANKET DETAIL

NO SCALE



GENERAL NOTES:

- DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
- CLASS II EMBEDMENT MATERIAL SHALL BE CLEAN, COARSE-GRAINED SOILS WITH LITTLE TO NO FINES. NO PARTICLES LARGER THAN 1 1/2 - INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
- WHERE HYDRAULIC GRADIENT EXISTS USE A WELL-GRADED MIXTURE TO MINIMIZE MIGRATION OF FINES FROM ADJACENT SOIL.
- CLASS II MATERIAL IS SUITABLE AS A FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
- INSTALL AND COMPACT BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS.)
- INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
- INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 6 INCH ABOVE PIPE CROWN.
- EMBEDMENT COMPACTION:
MINIMUM DENSITY 85% STANDARD PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.
- EMBEDMENT INCLUDES BEDDING, HAUNCHING, AND INITIAL BACKFILL.

CLASS II - FLEXIBLE PIPE EMBEDMENT DETAIL

NO SCALE

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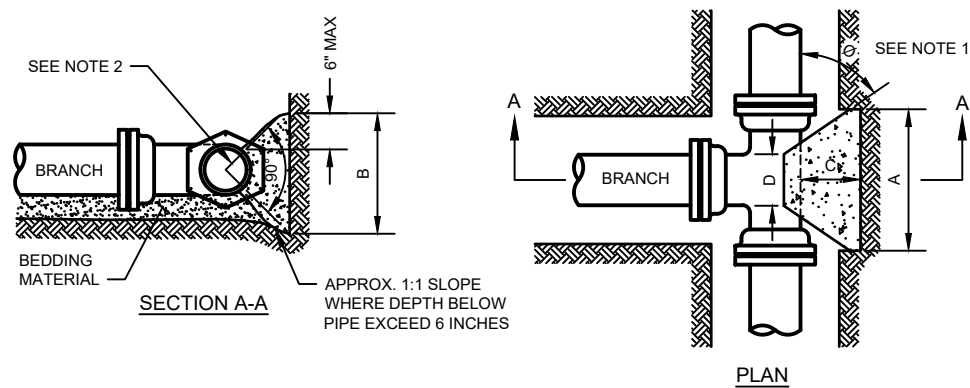


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PROJECT NO.
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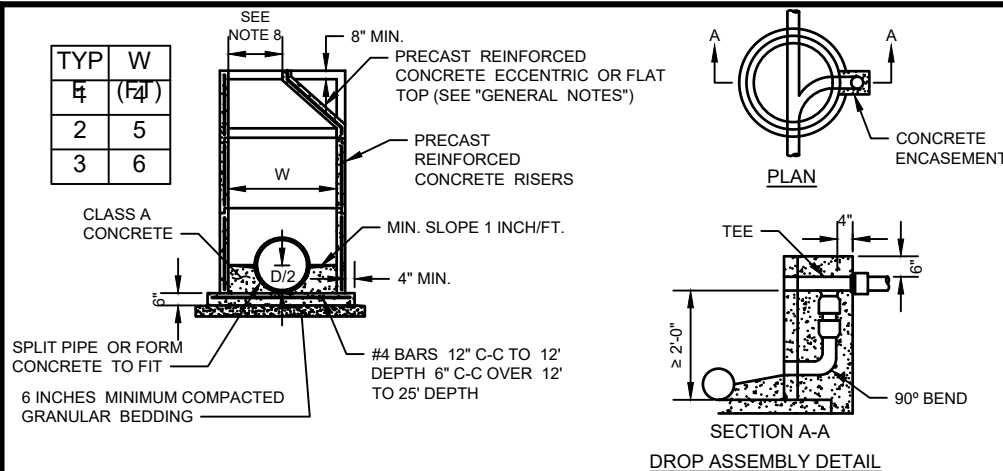
NOTES:

- DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE θ GREATER THAN OR EQUAL TO 45°.
- CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
- DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
- BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
- BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS				
DIA.	A	B	C	D
6"	1'-3"	1'-0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'-6"	1'-4"		
10"	1'-10"	1'-8"		
12"	2'-3"	2'-0"		
16"	3'-2"	2'-6"		
20"	4'-0"	3'-0"		
24"	5'-3"	3'-4"		

DIA. = BRANCH DIAMETER

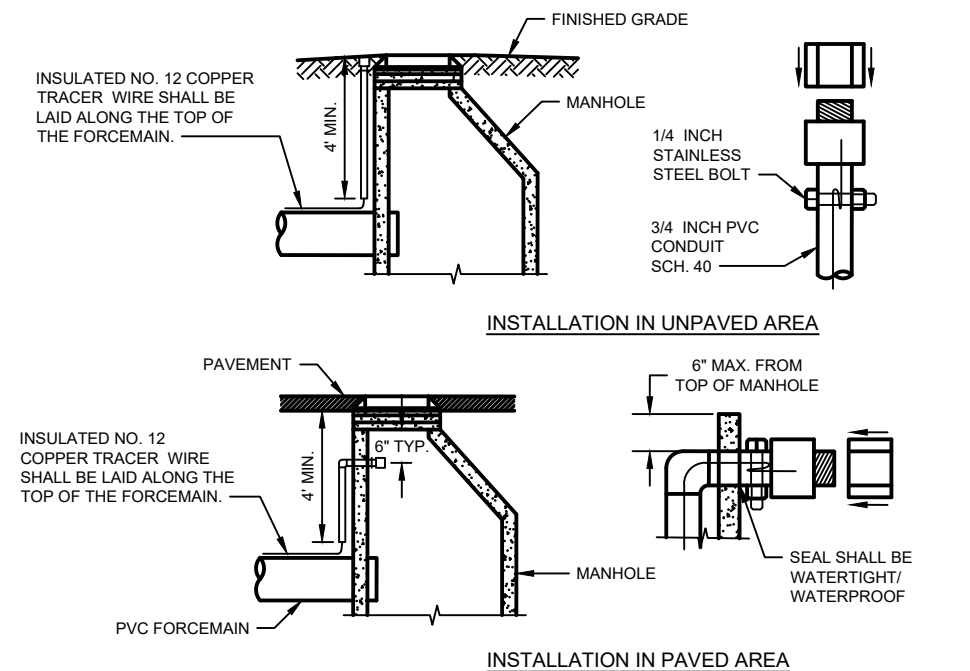
BUTTRESS FOR TEES DETAIL
NO SCALE



GENERAL NOTES:

- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING AND THE APPLICABLE SPECIAL CONDITIONS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.
- PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
- ECCENTRIC CONE TOPS SHALL BE USED ON ALL STRUCTURES 5 FEET OR GREATER IN DEPTH, AND FLAT TOPS SHALL BE USED ONLY ON STRUCTURES LESS THAN 5 FEET IN DEPTH, UNLESS DIRECTED BY THE ENGINEER.
- PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.
- ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.
- DROP CONNECTIONS SHALL BE USED WHEN THE PIPE INVERT IS MORE THAN 2 FEET ABOVE THE MANHOLE INVERT. PRECAST STRUCTURE MANWAY CLEAR OPENING SHALL MATCH CASTING - REFER TO STANDARD SPECIFICATION
- DIVISION 33 AND THE APPLICABLE SPECIAL CONDITIONS.
 - OPENING SHALL BE 24" FOR R-1550 CASTINGS
 - OPENING SHALL BE 27" FOR R-1642 CASTINGS
- DROP CONNECTION AND ASSEMBLY SHALL BE CONSTRUCTED WITH DUCTILE IRON PIPE.

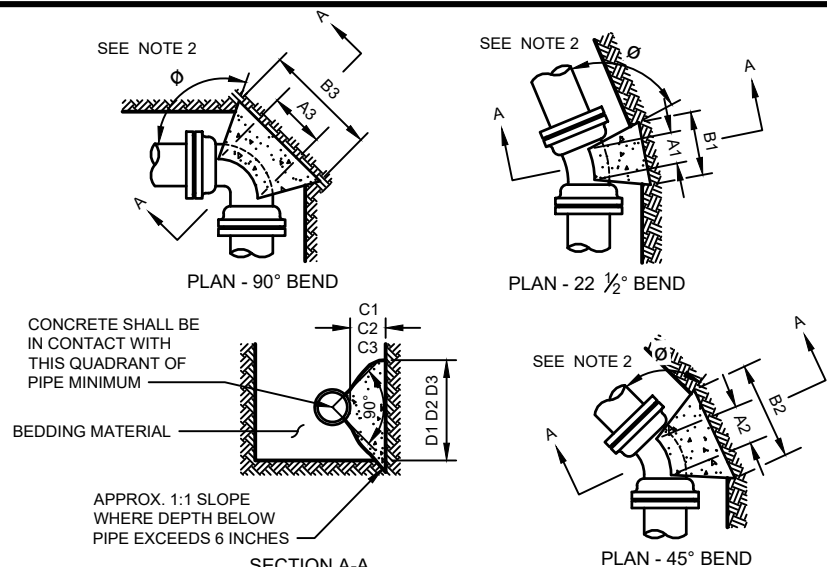
PRECAST REINFORCED CONCRETE MANHOLE DETAIL
NO SCALE



GENERAL NOTES:

- THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
- A THREADED, FEMALE PVC SCHEDULE 40 PLUG AND MALE COUPLING GLUED TO 3/4 INCH SCHEDULE 40 SHALL BE INSTALLED IN OR ADJACENT TO THE VALVE VAULT AND MANHOLE.
- WIRE PIGTAIL SHALL BE WRAPPED AROUND BOLT AND READILY ACCESSIBLE, WITH SUFFICIENT LENGTH FOR EASY CONNECTION.

TRACER WIRE INSTALLATION FOR PVC FORCEMAIN
NO SCALE

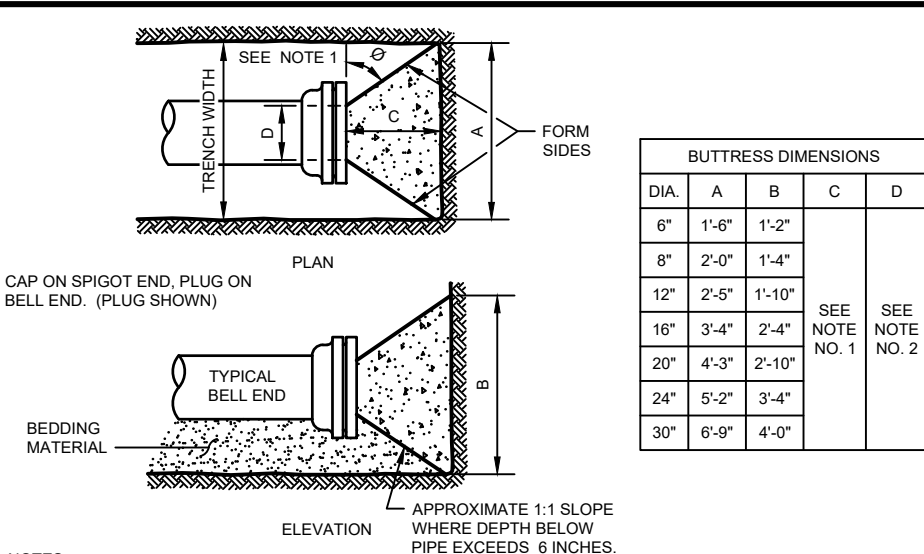


NOTES:

- DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEED 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
- DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE θ EQUAL TO OR LARGER THAN 45°.
- DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE MECHANICAL JOINT.
- BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

PIPE SIZE	22 1/2° BENDS		45° BENDS		90° BENDS	
	B1	D1	B2	D2	B3	D3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"

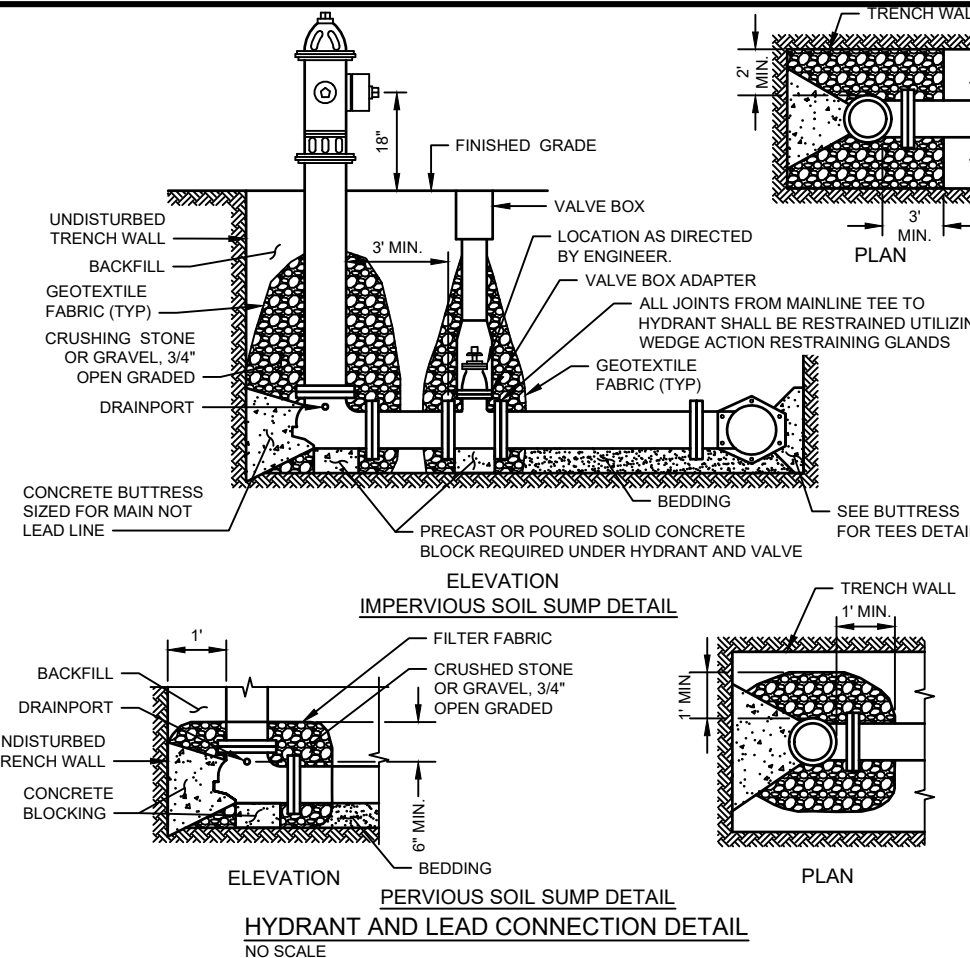
BUTTRESS FOR BENDS DETAIL
NO SCALE



NOTES:

- DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE θ EQUAL TO OR LARGER THAN 45°.
- DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
- WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS SHALL BE PERMITTED.
- BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
- BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- NO WOOD BUTTRESS ALLOWED.

BUTTRESS FOR PLUGS DETAIL
NO SCALE



IMPERVIOUS SOIL SUMP DETAIL
NO SCALE

PERVIOUS SOIL SUMP DETAIL
HYDRANT AND LEAD CONNECTION DETAIL
NO SCALE

PROJECT DATE:	8/2022	NO.	DATE	REVISION	BY:
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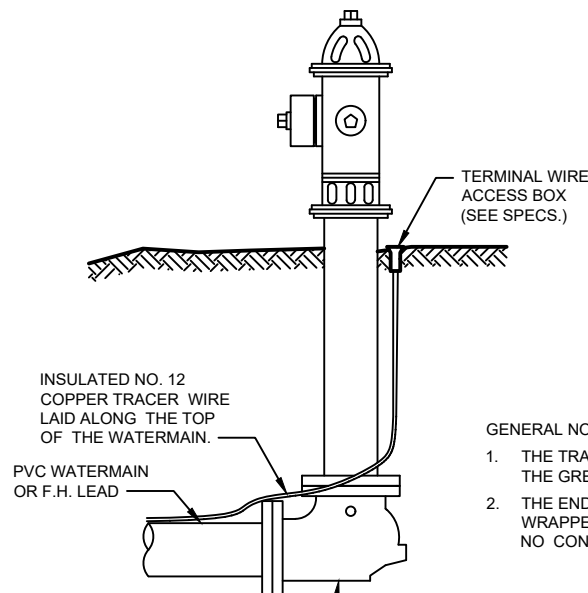


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UNITED COOPERATIVE DEVELOPMENT PROJECT
UNITED COOPERATIVE
CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

CONSTRUCTION DETAILS

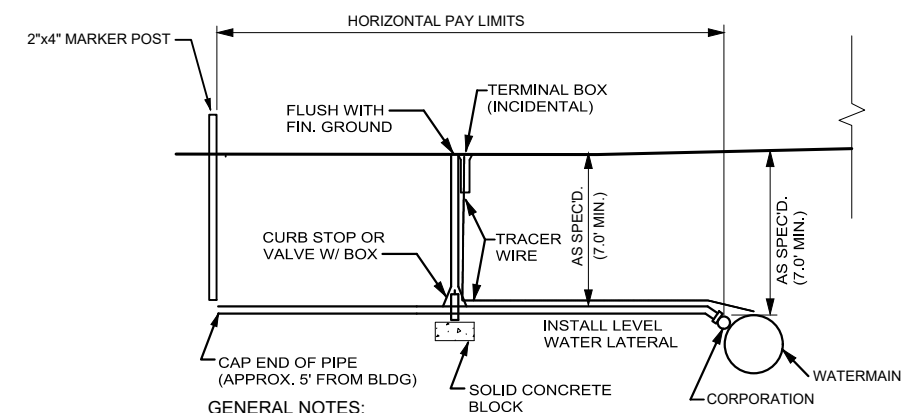
PROJECT NO.
02678018
SHEET
D3



- GENERAL NOTES:
1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
 2. THE END(S) OF THE TRACER WIRE SHALL BE WRAPPED AROUND THE LAST FITTING INSTALLED - NO CONDUCTIVE BOND SHALL BE MADE.

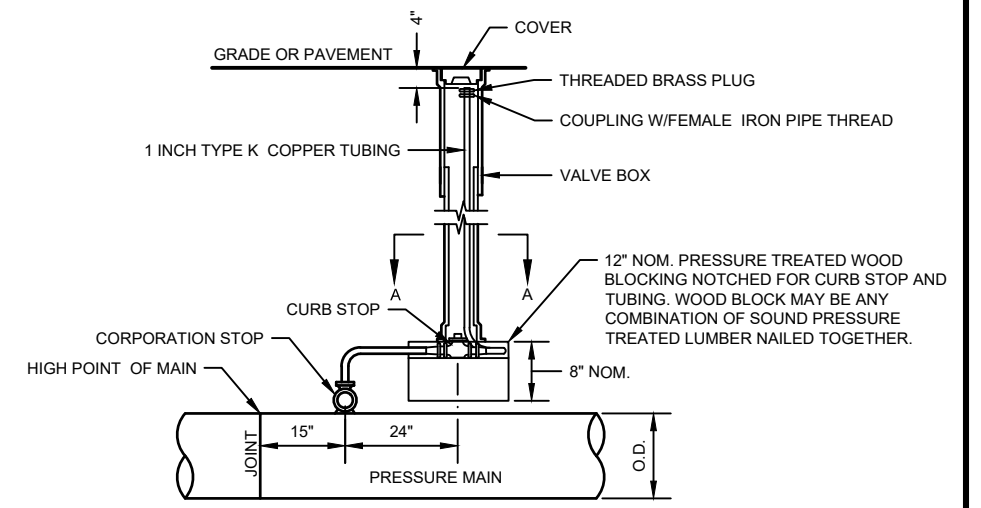
SEE "HYDRANT AND LEAD CONNECTION DETAIL" FOR APPROPRIATE BLOCKING, RODDING, AND WASHED STONE BEDDING.

TRACER WIRE INSTALLATION FOR PVC WATERMAIN DETAIL
NO SCALE

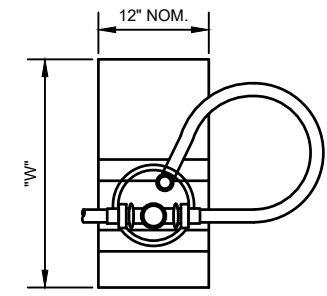


- GENERAL NOTES:
1. SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION AND SERVICE LINE.
 2. COMMUNITY STANDARDS SHALL SUPERCEED THE DIMENSIONS FROM THE PROPERTY LINE.
 3. TRACER WIRE SHALL BE INSTALLED ALONG ALL NEWLY INSTALLED WATER SERVICES (INCIDENTAL TO WATER SERVICE PIPING).

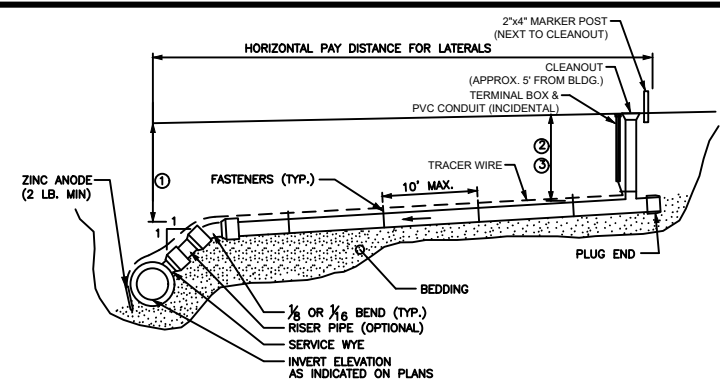
WATER SERVICE DETAIL
NO SCALE



W = PRESSURE MAIN PIPE O.D. + 12 INCHES (24 INCHES MAXIMUM)

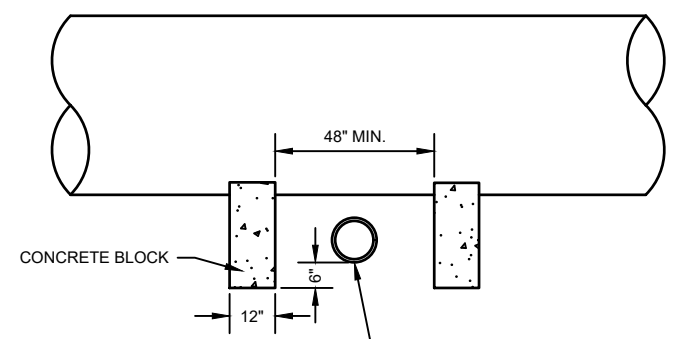


PRESSURE MAIN AIR RELEASE VENT DETAIL
NO SCALE

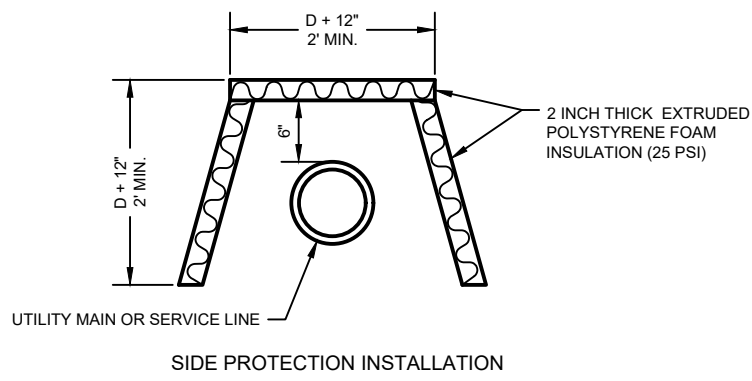
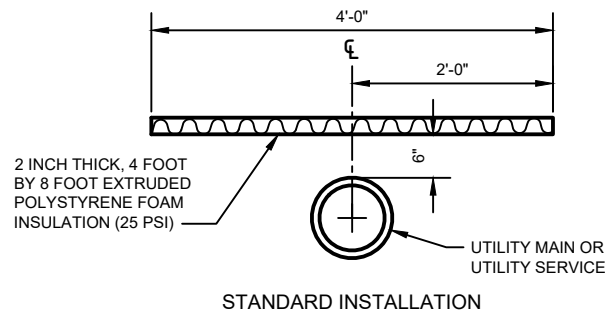


- ELEVATION VIEW
- NOTES FOR LATERAL INSTALLATION:
1. MINIMUM DEPTH OF COVER UNDER ROADWAY = 7 FEET.
 2. MINIMUM DEPTH OF COVER UNDER GRASS AREAS = 5 1/2 FEET.
 3. MINIMUM DEPTH OF COVER UNDER GRASS AREAS WITH FROST PROTECTION = 3 FEET 6 INCHES.
 4. LATERAL SLOPES SHALL BE 1/8 INCH PER FOOT MINIMUM AND 1/2 INCH PER FOOT MAXIMUM.
- NOTES FOR TRACER WIRE INSTALLATION:
1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
 2. TRACER WIRE SHALL BE INSTALLED WITH THE NON-CONDUCTIVE SERVICE. PIPE TRACER WIRE TERMINAL CONDUITS SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER LATERAL OR AS DETERMINED BY THE ENGINEER OR OWNER.
 3. TRACER WIRE SHALL BE RESTRAINED BY CABLE-TIES, TAPE, OR BY NON-CORROSIVE FASTENER APPROVED BY THE OWNER, INSTALLED EVERY 10 FEET ALONG SERVICE. DO NOT WRAP TRACER WIRE AROUND THE PIPE.
 4. TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A TERMINAL BOX FLUSH WITH THE FINISHED GROUND. PROVIDE 2- FEET EXTRA TRACER WIRE IN ACCESS PIPE AND ATTACH TRACER WIRE TO TERMINAL BOLTS. (INCIDENTAL TO PIPE INSTALLATION)

SANITARY SEWER LATERAL DETAIL
NO SCALE

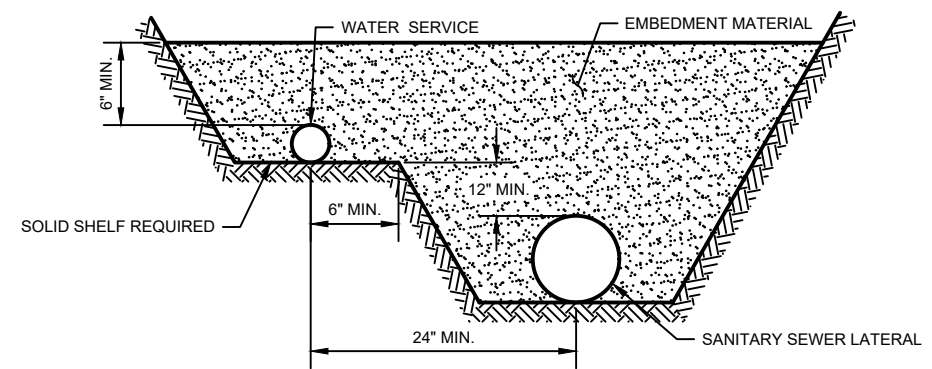


CONCRETE BLOCK BRIDGING DETAIL
NO SCALE



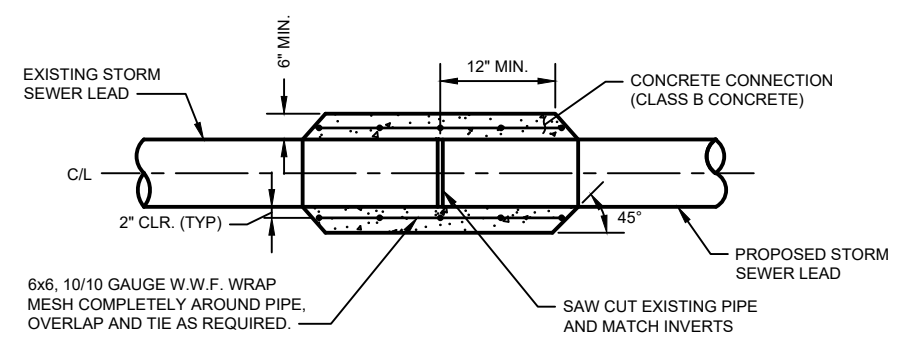
- GENERAL NOTES:
1. THE SIDE PROTECTION INSTALLATION SHALL BE USED WHERE FROST WILL PENETRATE BELOW THE PIPE INVERT.

PIPE INSULATION DETAIL
NO SCALE



- GENERAL NOTES:
1. WATER SERVICES 2 INCHES IN DIAMETER AND LESS SHALL BE LAID WITH A CLEAR HORIZONTAL SEPARATION NOT LESS THAN 2 FEET FROM THE SANITARY LATERAL.

WATER SERVICE AND SANITARY SEWER LATERAL DETAIL
NO SCALE



STORM SEWER CONNECTION DETAIL
NO SCALE

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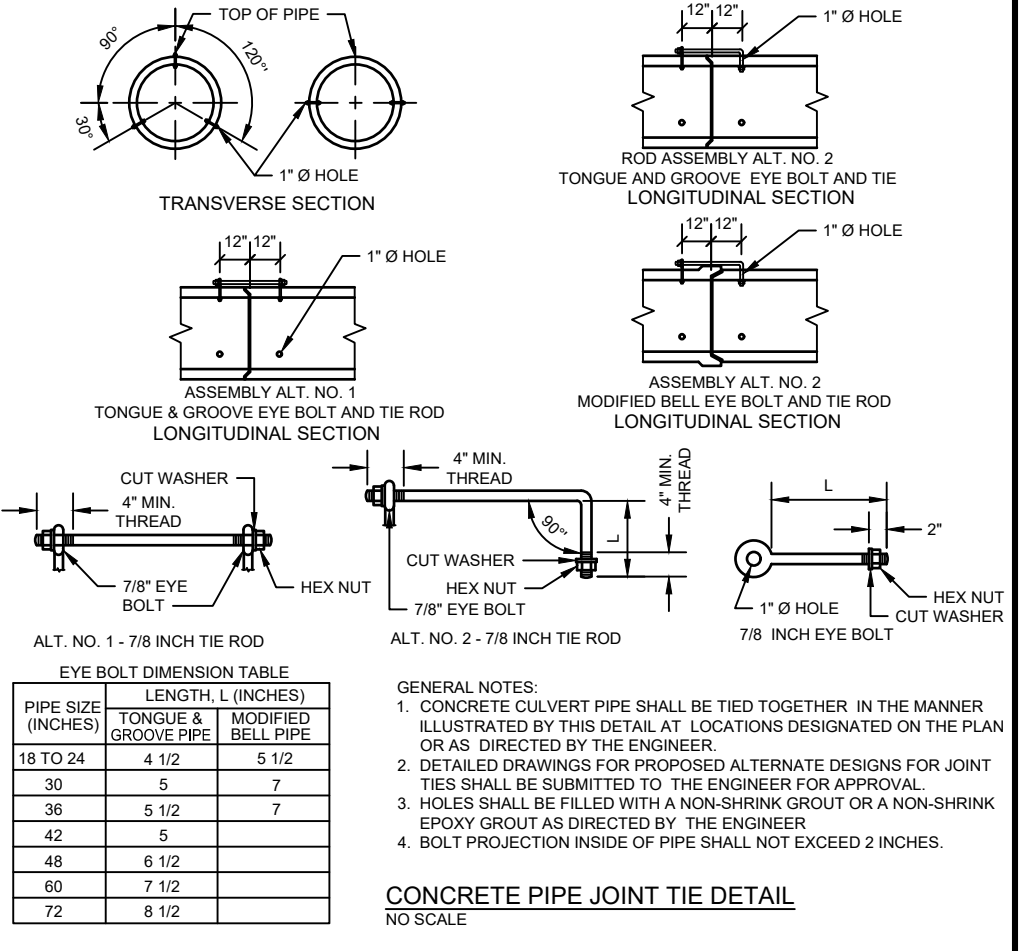
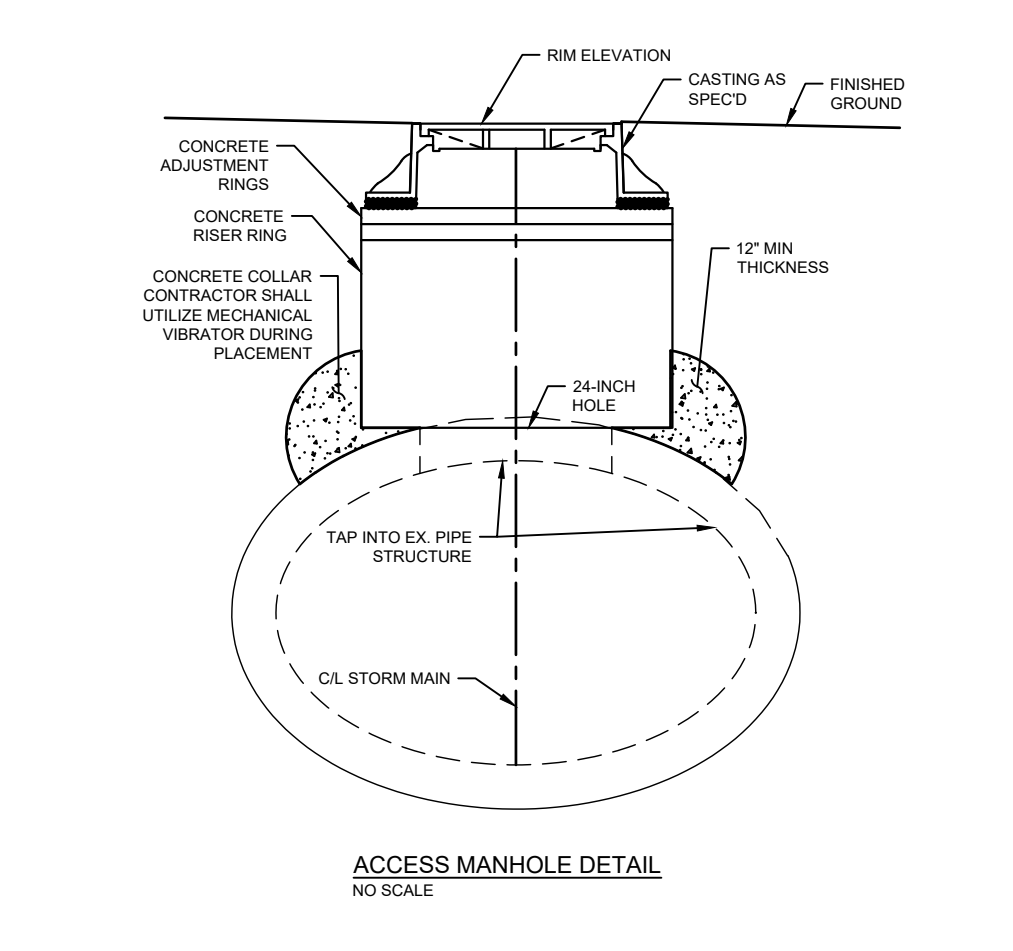
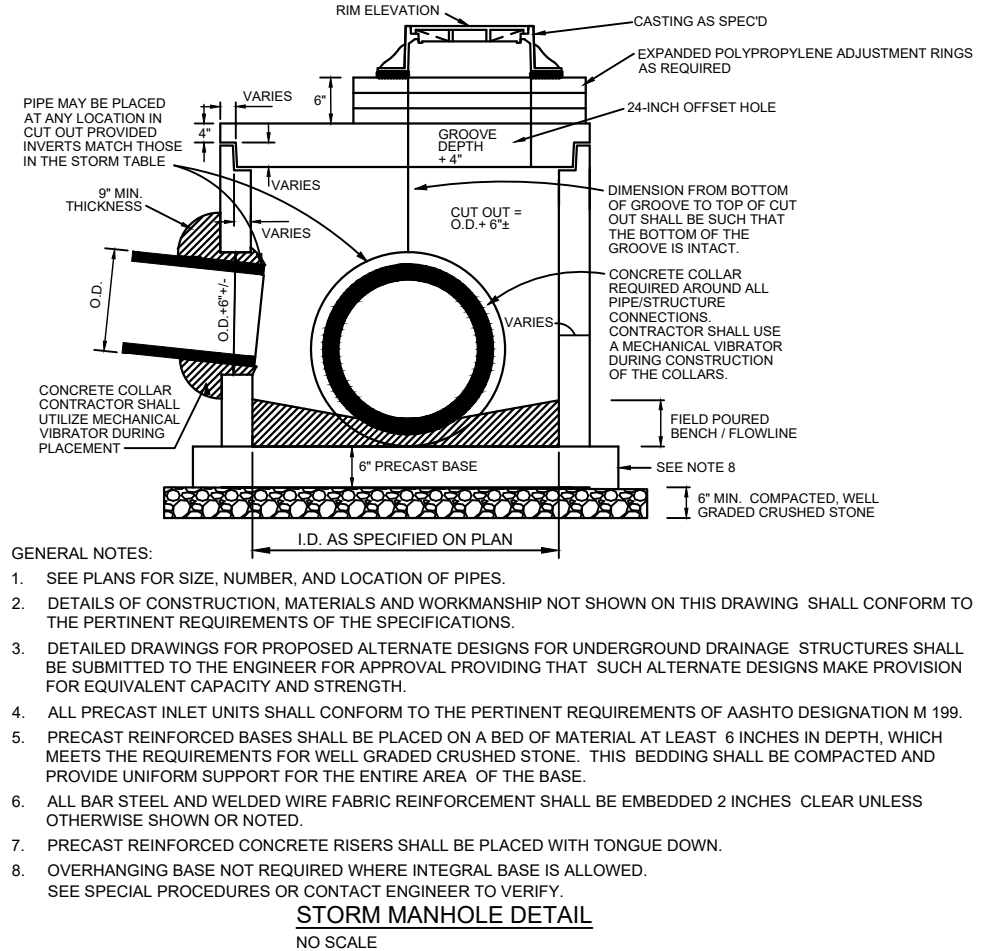
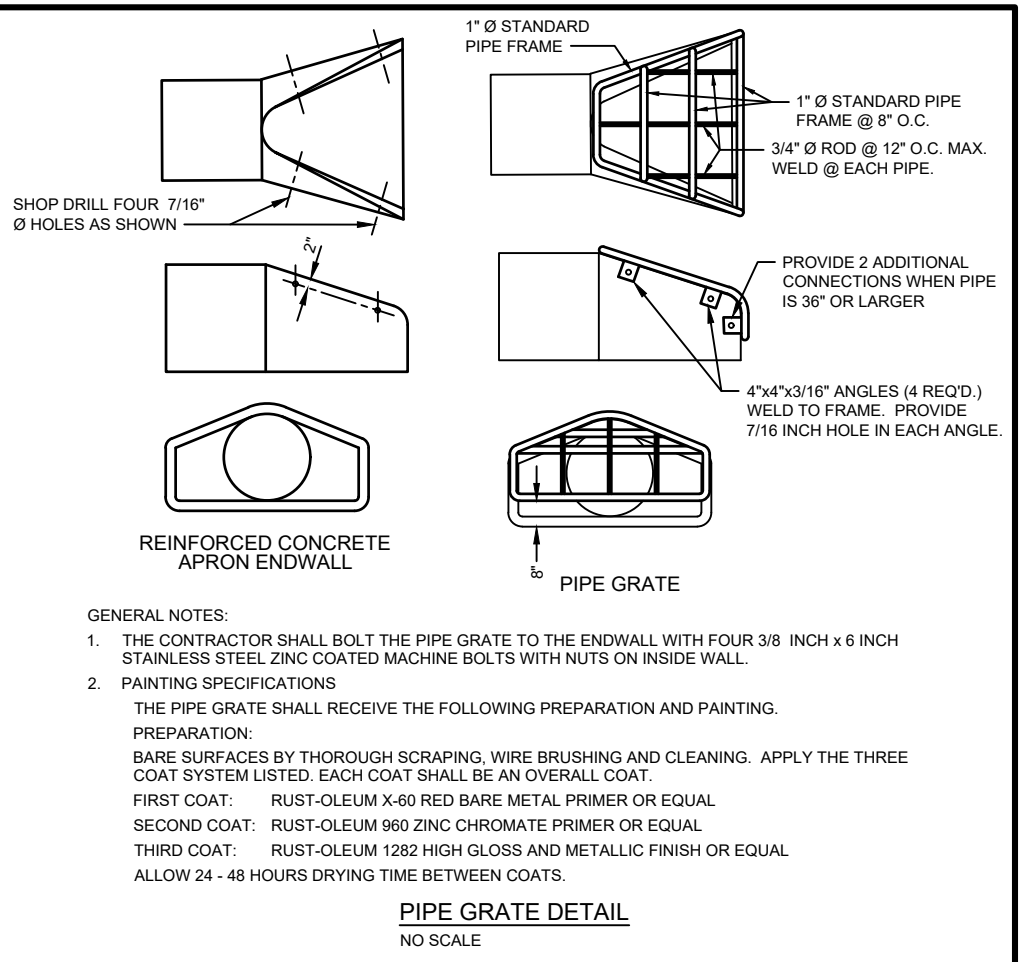
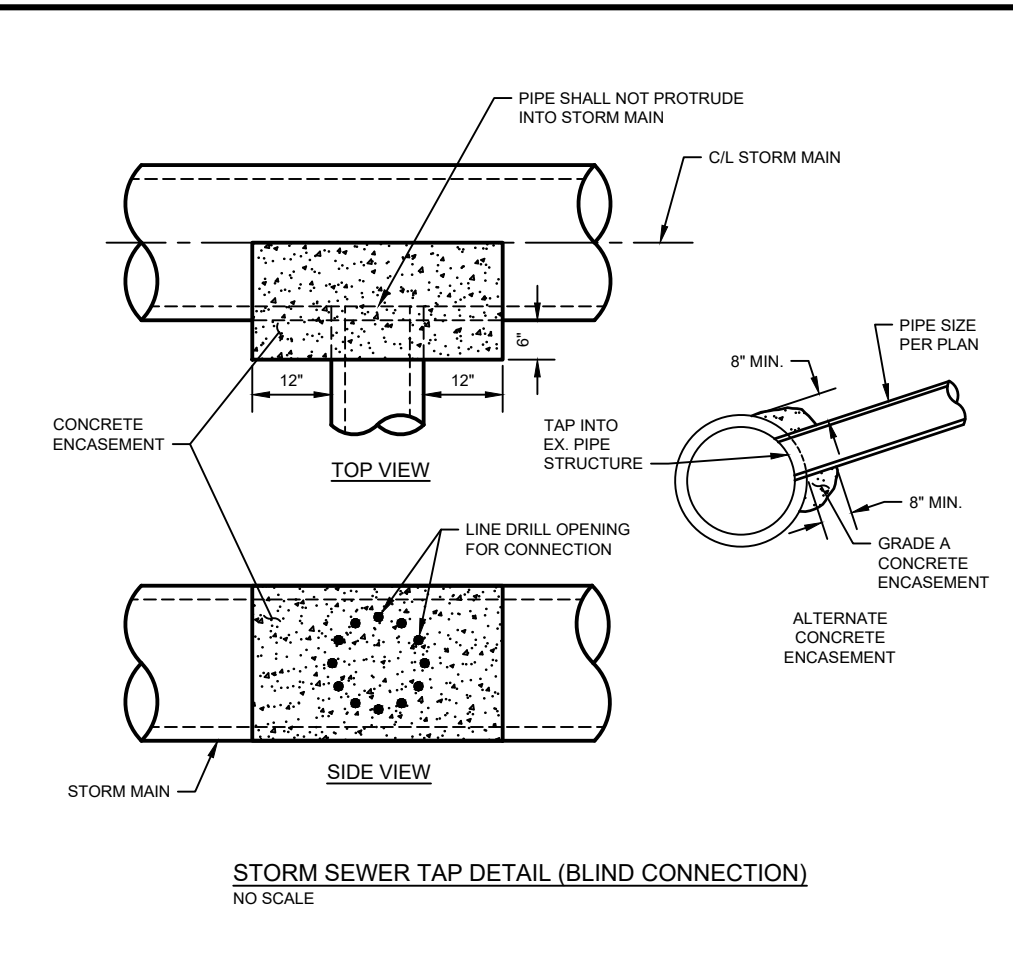
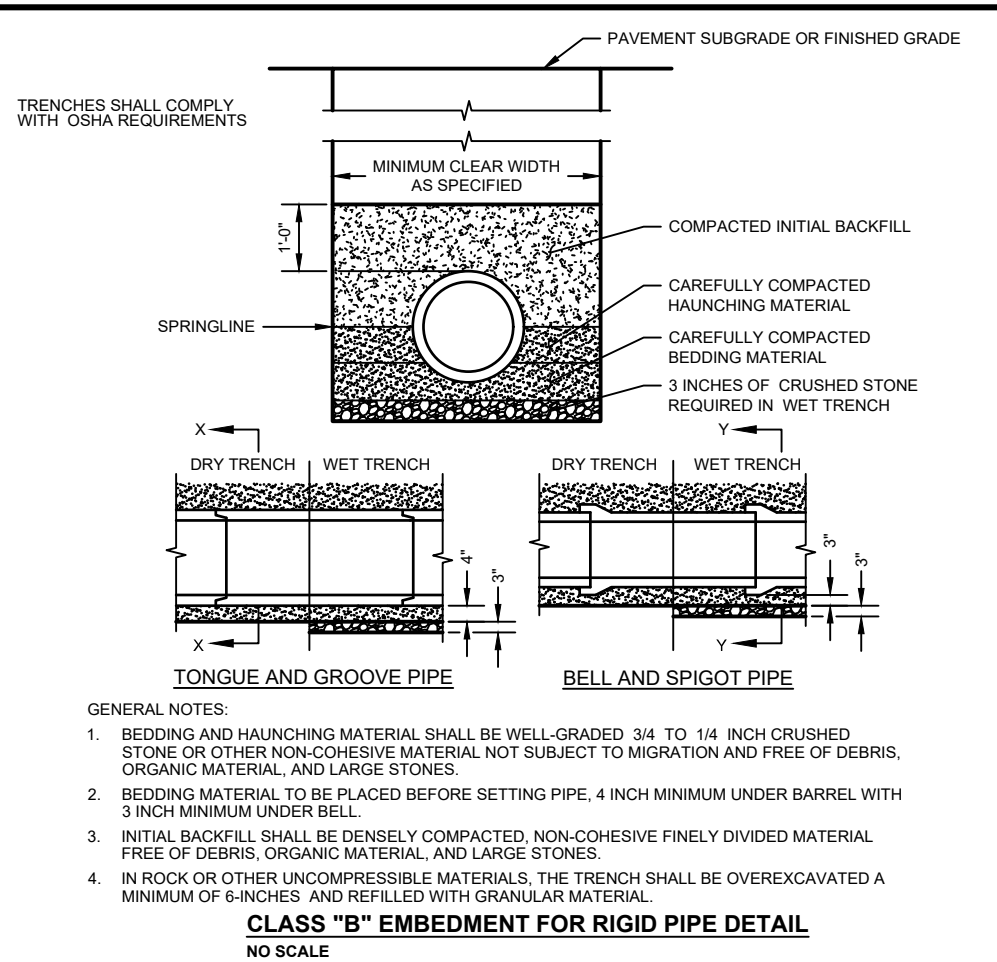
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UNITED COOPERATIVE
CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

CONSTRUCTION DETAILS

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UNITED COOPERATIVE DEVELOPMENT PROJECT
UNITED COOPERATIVE
CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

CONSTRUCTION DETAILS

PROJECT NO. 02678018
SHEET D5

GENERAL PROJECT NOTES:

- ALL EXISTING UTILITIES WITHIN THIS PLAN ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND NO RESPONSIBILITY IS ASSUMED BY THE ENGINEER OR OWNER FOR THEIR ACCURACY OR DEGREE OF COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE, LOCATION, AND ELEVATION OF ALL UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGING ANY SUCH UTILITIES. THE CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE AT (800) 242-8511 PRIOR TO ANY CONSTRUCTION SO THAT THE SITE MAY BE MARKED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ANY UTILITIES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS ARE APPARENT, BRING TO THE ATTENTION OF THE PROJECT ENGINEER PRIOR TO CONSTRUCTION OF ANYTHING AFFECTED SO THAT CLARIFICATION OR RE-DESIGN MAY OCCUR.
- UNLESS SPECIFIED WITHIN THIS CONSTRUCTION PLAN, NO EXISTING TREES SHALL BE DISTURBED OR DAMAGED. THE OWNER, IN WRITING, MUST APPROVE THE REMOVAL OF ANY EXISTING TREES IF THE CONTRACTOR BELIEVES THAT AN EXISTING TREE IS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. NO TREES OR TREE STUMPS SHALL BE BURIED ONSITE.
- EXISTING KNOWN SURVEY MONUMENTS (SHOWN ON THE PLANS) ENCOUNTERED DURING CONSTRUCTION ARE TO BE PRESERVED AND LEFT UNDISTURBED. SHOULD THE CONTRACTOR ENCOUNTER UNKNOWN MONUMENTS, PROPERTY STAKES, ETC. (NOT SHOWN ON THE PLANS), THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER PRIOR TO ANY DISTURBANCE. FAILURE TO PRESERVE SUCH MONUMENTS SHALL NOT BE ALLOWED AND REPLACEMENT BY A REGISTERED LAND SURVEYOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
- ELEVATIONS SHOWN WITHIN THIS PLAN REFERENCE THE NORTH AMERICAN VERTICAL DATUM.
- REFER TO THE PROJECT ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILS PERTAINING TO THE PROPOSED BUILDINGS, ASSOCIATED ARCHITECTURAL FEATURES, AND SITE WORK SURROUNDING THE BUILDING.
- THE CONTRACTOR SHALL COORDINATE WITH ALL PRIVATE UTILITIES (GAS, ELECTRIC, TELEPHONE, CABLE TV, ETC.) REGARDING THE LOCATION, SIZE, DEPTH, ETC. OF EXISTING AND PROPOSED SERVICE LINES WITHIN THE PROJECT SITE. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF ANY PRIVATE UTILITIES THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL CAREFULLY WORK AROUND EXISTING UTILITY LINES, UTILITY POLES, UTILITY STRUCTURES, GUY WIRES, ETC. THAT ARE TO REMAIN UNDISTURBED. THE CONTRACTOR SHALL PROVIDE ANY NECESSARY TEMPORARY SHORING OR OTHER MEASURES TO PROTECT THESE FEATURES DURING CONSTRUCTION ACTIVITIES. (ALL INCIDENTAL TO CONSTRUCTION)
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CITY'S ADJACENT STREET/UTILITY EXTENSION PROJECT ALONG WILSON DRIVE (INCIDENTAL TO CONSTRUCTION).

GENERAL EROSION CONTROL NOTES:

- THE CONTRACTOR SHALL INSTALL ALL NECESSARY EROSION CONTROL MEASURES TO PREVENT EROSION ONTO THE ADJACENT PROPERTIES AND INTO THE ADJACENT EXISTING STREETS. ADDITIONAL EROSION CONTROL, NOT SHOWN ON THIS PLAN, MAY BE REQUIRED BY THE FIELD ENGINEER OR BY THE CITY DURING CONSTRUCTION (INCIDENTAL). EROSION CONTROL AND SITE STABILIZATION MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, THE LATEST EDITION OF THE WISCONSIN DNR EROSION CONTROL TECHNICAL STANDARDS, ANY LOCAL EROSION CONTROL & STORMWATER ORDINANCES, AND ANY CONDITIONS OF APPROVAL. INSTALL EROSION CONTROL MEASURES PRIOR TO INITIATION OF ANY SITE WORK. SEE THE "CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS" FOR FURTHER EROSION CONTROL REQUIREMENTS AND NOTES.
- CONTRACTOR SHALL PROTECT ALL EXISTING AND PROPOSED STREET INLETS, MANHOLES, DRAINAGE SWALES, CULVERTS, ETC. FROM SILTATION DURING CONSTRUCTION AND UNTIL FINAL STABILIZATION OCCURS.
- ALL EROSION CONTROL MEASURES AND STRUCTURES SHALL BE INSPECTED, MAINTAINED, AND DOCUMENTED BY THE CONTRACTOR WEEKLY AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT 0.5 INCHES OR GREATER. ALL NECESSARY REPAIR AND MAINTENANCE WILL BE DONE AT THIS INSPECTION TIME. THESE INSPECTIONS SHALL BE DOCUMENTED BY THE CONTRACTOR AND AVAILABLE TO THE ENGINEER AND/OR OWNER UPON REQUEST. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OR INCLUDED IN THE CORRESPONDING EROSION CONTROL PRICE BID (IF APPLICABLE).

GENERAL TRAFFIC CONTROL NOTES:

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE HIS/HER WORK TO MINIMIZE THE INCONVENIENCE TO THE RESIDENTS AND BUSINESSES LOCATED ADJACENT TO THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST TWO DAYS PRIOR TO CLOSING ANY SECTION OF STREET.
- ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LATEST EDITION OF THE UNITED STATES DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD). THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY TRAFFIC CONTROL DURING THE DURATION OF CONSTRUCTION. THE CONTRACTOR SHALL INSPECT ALL TRAFFIC CONTROL MEASURES DAILY AND PERFORM ANY NECESSARY MAINTENANCE OR ADJUSTMENTS BASED ON THE ACTIVITIES PLANNED. ADDITIONAL TRAFFIC CONTROL MEASURES NOT SPECIFIED WITHIN THE CONTRACT DOCUMENTS MAY BE REQUIRED DURING CONSTRUCTION BY THE CITY AND ENGINEER (INCIDENTAL TO CONSTRUCTION). THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CITY STAFF RELATIVE TO THE PLACEMENT AND MAINTENANCE OF ALL BARRICADES AND OTHER MEASURES USED.
- AFTER ALL CONSTRUCTION RELATED ACTIVITIES ARE COMPLETED, THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL MEASURES. ANY DISTURBANCE OR DAMAGE RESULTING FROM THE REMOVAL OF THE TRAFFIC CONTROL MEASURES SHALL BE RESTORED OR REPAIRED TO THE SATISFACTION OF THE CITY.

GENERAL GRADING NOTES:

- ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, AND ANY CONDITIONS OF APPROVAL.
- ALL PROPOSED GRADES SHOWN WITHIN THE PLANS ARE FINISHED GRADES. UNLESS SPECIFIED ON THE PLAN, THE CONTRACTOR SHALL CONSTRUCT/GRADE ALL CONCRETE, ASPHALT, AND GRASS AREAS TO A MINIMUM SLOPE OF 1.0%, 1.0%, AND 1.0%, RESPECTIVELY. THE MAXIMUM SURFACE SLOPE ACROSS HANDICAP PARKING STALLS AND WALKWAYS IN ANY DIRECTION SHALL BE 2.0% AND ACROSS HANDICAP ACCESSIBLE RAMPS SHALL BE 8.0%. THE MAXIMUM SURFACE SLOPE ACROSS THE PROPOSED PAVEMENT SHALL BE 6.0% UNLESS SPECIFIED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, PRIOR TO CONSTRUCTION, OF ANY AREAS WHICH DO NOT SATISFY THE ABOVE MENTIONED SLOPES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE HIS/HER OWN COMPUTATIONS FOR DETERMINATION OF EARTHWORK AND TOPSOIL QUANTITIES PRIOR TO BIDDING. IT IS RECOMMENDED THAT EACH BIDDER VISIT THE SITE TO VERIFY THE EXISTING CONDITIONS. NO CHANGES WILL BE MADE IN THE BID QUANTITY AMOUNT OR UNIT PRICE UNLESS CHANGES ARE MADE TO THE CONTRACT DRAWINGS AFTER BIDDING OF THE CONTRACT.
- NO STOCKPILES (TOPSOIL OR EARTH MATERIAL) SHALL REMAIN AFTER ALL GRADING WORK IS COMPLETED UNLESS DIRECTED OTHERWISE BY THE OWNER. IF AFTER THE COMPLETION OF ALL SITE GRADING AND SUBGRADE PREPARATION WORK THERE IS EXCESS FILL MATERIAL, THE CONTRACTOR SHALL HAUL/STOCKPILE THE MATERIAL AT A LOCATION(S) AS DESIGNATED BY THE OWNER OR DISPOSE OF THE MATERIAL AS DIRECTED BY THE OWNER. IF THERE IS A SHORTAGE OF FILL MATERIAL, THE CONTRACTOR SHALL PURCHASE/IMPORT THE MATERIAL FROM OFFSITE. ALL GRADING AND SUBGRADE PREPARATION WORK AS WELL AS ANY DISPOSAL OF EXCESS MATERIAL AND/OR IMPORTING OF MATERIAL SHALL BE INCIDENTAL TO THE UNCLASSIFIED EXCAVATION BID ITEM.
- FILL PLACED WITHIN 10 FEET OR LESS FROM THE OUTSIDE EDGE OF A BUILDING SHALL BE SUITABLE EXCAVATED SOIL FREE OF ORGANIC DEBRIS, CLAY BALLS, AND AGGREGATE LARGER THAN 1.5-INCHES. THE FILL MATERIAL WITHIN THESE AREAS SHALL BE SPREAD AND COMPACTED UNIFORMLY IN 6-INCH TO 8-INCH MAXIMUM LIFTS TO AT LEAST 95 PERCENT MAXIMUM DRY DENSITY PER MODIFIED PROCTOR (ASTM D1557). ALL OTHER FILL AREAS WITHIN THE PROJECT SITE SHALL BE SPREAD AND COMPACTED IN 12-INCH MAXIMUM LIFTS TO AT LEAST 93 PERCENT DRY DENSITY PER MODIFIED PROCTOR (ASTM D1557).

GENERAL PAVING NOTES:

- ALL PROPOSED PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, THE REQUIREMENTS OF THE OWNER, THE LATEST EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, AND ANY CONDITIONS OF APPROVAL.
- ALL SAWCUTTING OF EXISTING ASPHALT AND CONCRETE SHALL BE INCIDENTAL TO PAVING.

GENERAL RESTORATION NOTES:

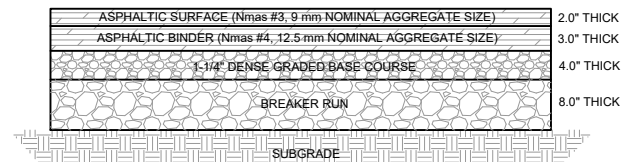
- ALL PROPOSED RESTORATION SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, THE REQUIREMENTS OF THE OWNER, AND ANY CONDITIONS OF APPROVAL.
- ALL DISTURBED OPEN SPACE AREAS SHALL BE TOPSOILED (MINIMUM 6" THICK), SEEDED, FERTILIZED, AND MULCHED IN ACCORDANCE WITH THE CONSTRUCTION PLANS, THE PROJECT SPECIFICATIONS, THE LATEST EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY AND STREET CONSTRUCTION, AND THE WISCONSIN DNR CONSERVATION PRACTICE STANDARDS 1058 & 1059.

WORK OUTSIDE OF PROJECT PROPERTY NOTES:

- ALL DISTURBANCE WITHIN THE EXISTING CITY RIGHT-OF-WAY SHALL BE KEPT TO A MINIMUM. ALL PAVEMENT, GRASS AREAS, ETC. DISTURBED WITHIN THESE AREAS DURING CONSTRUCTION SHALL BE RESTORED EQUAL TO OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AND TO THE SATISFACTION OF THE CITY. EXISTING GRAVEL BASE AND PAVEMENT DISTURBED WITHIN THE EXISTING STREET SHALL BE RESTORED WITH EQUAL THICKNESS AND WORKMANSHIP TO EXISTING CONDITIONS OR AS DIRECTED BY THE CITY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY STAFF REGARDING BACKFILL AND COMPACTION REQUIREMENTS FOR ANY WORK PERFORMED WITHIN THESE AREAS.

GENERAL UTILITY NOTES:

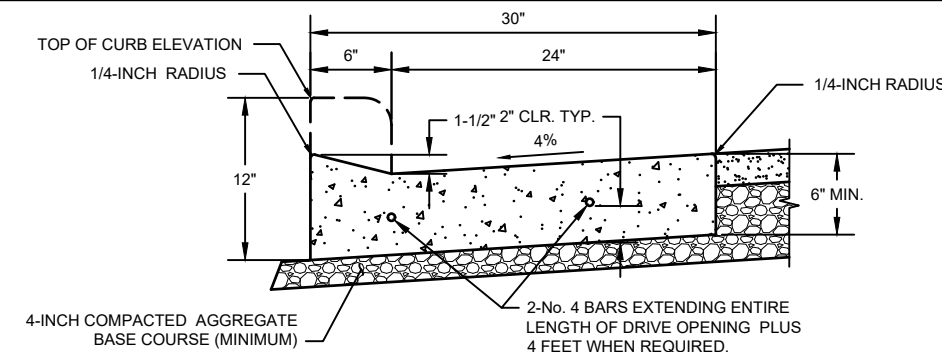
- ALL PROPOSED UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THIS CONSTRUCTION PLAN, THE PROJECT SPECIFICATIONS, THE REQUIREMENTS OF THE OWNER, THE LATEST EDITION OF THE WISCONSIN STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION (FOR SANITARY & WATER), THE LATEST EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (STORM), AND ANY CONDITIONS OF APPROVAL.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION AS MEASURED BY THE FIELD ENGINEER AND THE CONTRACTOR SHALL BE PAID ACCORDING TO THE ACTUAL LENGTH OF PIPING INSTALLED.
- A 7.0 FEET DEPTH OF COVER OVER ALL NEWLY INSTALLED WATER PIPING IS DESIRED AND SHALL BE MAINTAINED UNLESS FIELD CONDITIONS PROHIBIT. THE CONTRACTOR SHALL MAINTAIN A MINIMUM DEPTH OF COVER OF 5.0 FEET UNLESS DIRECTED OTHERWISE BY THE OWNER. ALL NEWLY INSTALLED WATER PIPING WITH COVER LESS THAN 7.0 FEET SHALL BE INSULATED ACCORDING TO THE SPECIFICATIONS AND INSULATION DETAIL. INSULATION SHALL ALSO BE INSTALLED AT ALL LOCATIONS WHERE STORM SEWER CROSSES THE WATER PIPING, WATER SERVICES, AND HYDRANT LEADS. MINIMUM VERTICAL SEPARATION DISTANCE WHERE WATER PIPING CROSSES OVER SEWERS IS 6 INCHES. MINIMUM VERTICAL SEPARATION DISTANCE WHERE WATER PIPING CROSSES UNDER SEWERS IS 18 INCHES.
- THE CONTRACTOR SHALL COORDINATE SANITARY AND WATER LATERAL LOCATIONS WITH THE OWNER AND THE BUILDING PLANS PRIOR TO CONSTRUCTION. UNLESS DIRECTED OTHERWISE BY THE OWNER, THE CONTRACTOR SHALL STUB THE SANITARY AND WATER LATERALS APPROXIMATELY 5 FEET FROM THE PROPOSED BUILDING LOCATION AND MARK ALL STUBS WITH A 2x4' EXTENDING A MINIMUM OF 2 FEET ABOVE THE FINISHED GROUND SURFACE.
- TRACER WIRE SHALL BE INSTALLED ALONG ALL SANITARY, WATER, AND STORM SEWER (INCIDENTAL TO THE SPECIFIC PIPING). TRACER WIRE SHALL BE SURFACED AT ALL SANITARY MANHOLES, HYDRANTS, WATER SERVICE VALVES (TO BUILDINGS), SANITARY LATERAL TRACER WIRE TERMINAL BOXES, AND STORM INLETS AND MANHOLES.
- ALL SAWCUTTING, BENDS, FERNCO CONNECTORS, FITTINGS, AND OTHER MATERIALS NOT SPECIFICALLY ITEMIZED ON THE BID BUT NECESSARY TO PROVIDE A COMPLETE WORKING SYSTEM AND TO MAKE A WATERTIGHT CONNECTION TO THE EXISTING SANITARY, WATER, OR STORM PIPING SHALL BE INCIDENTAL TO CONSTRUCTION. ALL PROPOSED SANITARY SEWER, WATER, AND STORM PIPING CONNECTIONS INTO EXISTING PIPING OR STRUCTURES SHALL BE INCIDENTAL TO CONSTRUCTION. ALL EXISTING SANITARY SEWER, WATER, AND STORM PIPE ABANDONMENT AS WELL AS THE REMOVAL OF EX. MANHOLES, HYDRANTS, VALVE MANHOLES, AND VALVE BOXES THAT ARE NO LONGER IN USE SHALL BE INCIDENTAL TO CONSTRUCTION. ALL EXISTING SANITARY, WATER OR STORM PIPING TO BE ABANDONED SHALL BE MADE BY COMPLETELY FILLING EACH END OF THE PIPE WITH POUR-IN-PLACE CONCRETE.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS (SHORING, BRACING, ETC.) AND SHALL CAREFULLY INSTALL THE NEW SANITARY SEWER, WATER, AND STORM SEWER IMPROVEMENTS SO AS NOT TO DISTURB ANY EXISTING PRIVATE UTILITY STRUCTURES OR PIPING AS WELL AS TO PREVENT ANY DISTURBANCE TO EXISTING SITE FEATURES THAT ARE TO REMAIN UNDISTURBED. ANY DISTURBANCE OR DAMAGE (AS DETERMINED BY THE OWNER) SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- JOINT TIES SHALL BE INSTALLED ON ALL APRON ENDWALL JOINTS AND THE ADJACENT TWO PIPE JOINTS (SEE DETAIL & SPECIFICATIONS).



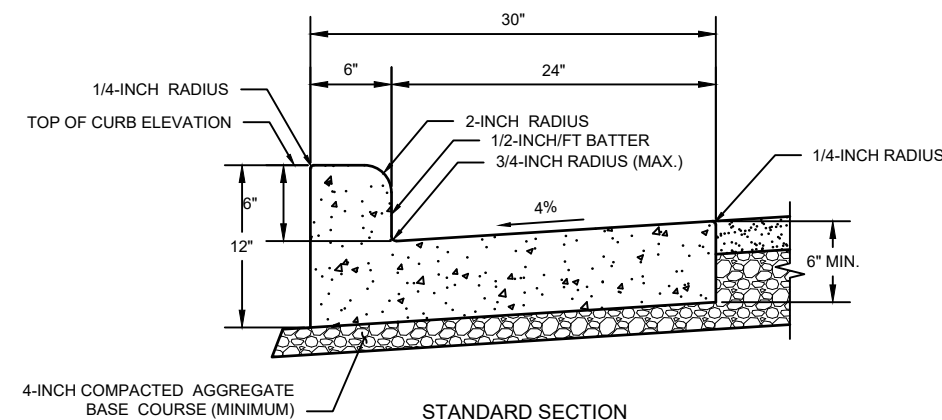
NOTE: IF PAVING WITHIN CITY RIGHT OF WAY, EXISTING PAVEMENT AND GRAVEL BASE THICKNESSES SHALL SUPERCEDE THE THICKNESSES SHOWN IN THIS DETAIL IF EXISTING CONDITIONS ARE GREATER (DETERMINED BY CITY IN THE FIELD).

ASPHALT PAVING DETAIL

SCALE: NONE



DRIVEWAY SECTION



STANDARD SECTION

TYPE D CURB AND GUTTER DETAIL

NO SCALE

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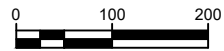
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CONSTRUCTION DETAILS

PROJECT NO.
02678018
 SHEET
D6



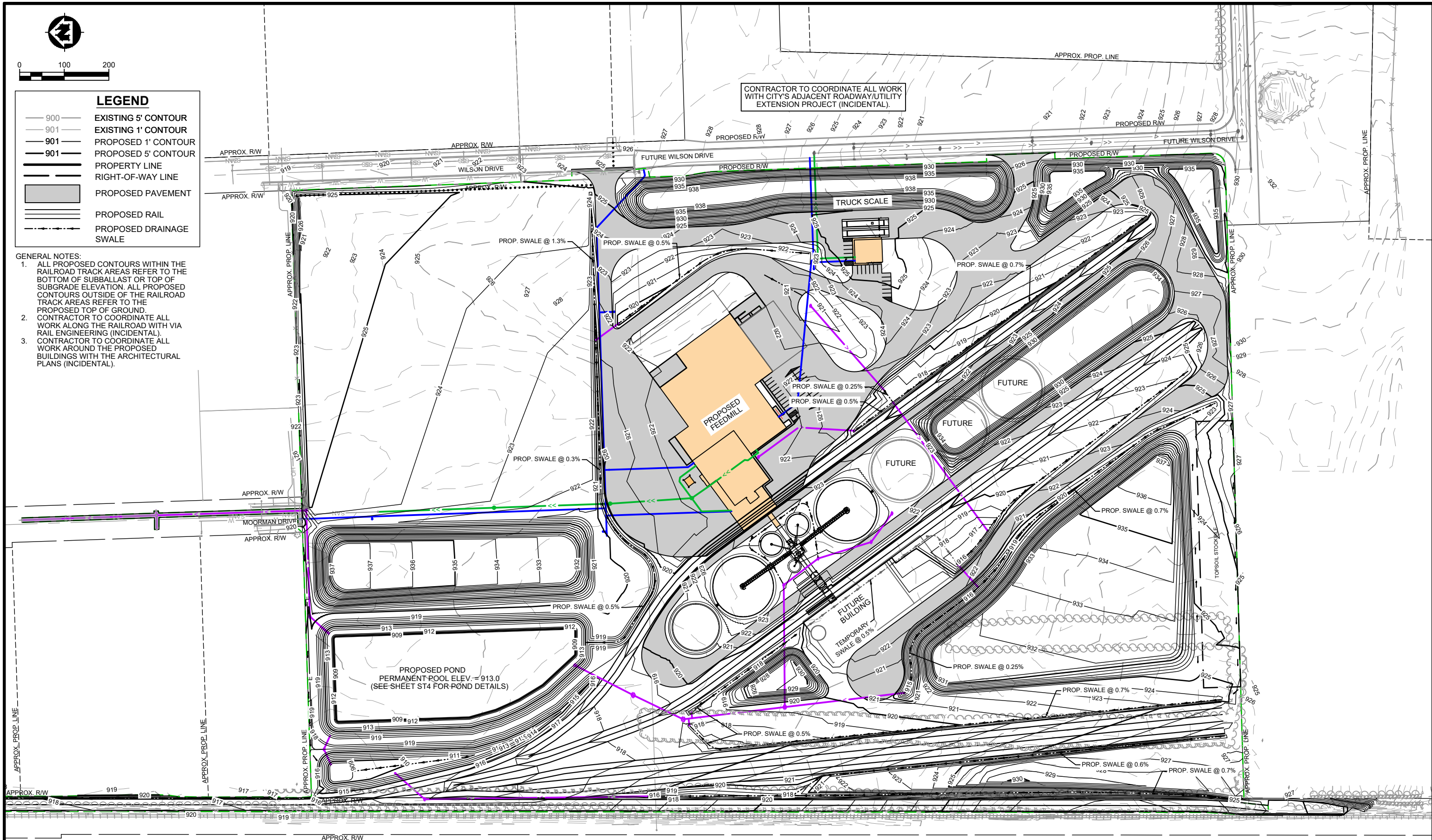
LEGEND

- 900 — EXISTING 5' CONTOUR
- 901 — EXISTING 1' CONTOUR
- 901 — PROPOSED 1' CONTOUR
- 901 — PROPOSED 5' CONTOUR
- — PROPERTY LINE
- — RIGHT-OF-WAY LINE
- ▒ — PROPOSED PAVEMENT
- — PROPOSED RAIL
- — PROPOSED DRAINAGE SWALE

GENERAL NOTES:

1. ALL PROPOSED CONTOURS WITHIN THE RAILROAD TRACK AREAS REFER TO THE BOTTOM OF SUBBALLAST OR TOP OF SUBGRADE ELEVATION. ALL PROPOSED CONTOURS OUTSIDE OF THE RAILROAD TRACK AREAS REFER TO THE PROPOSED TOP OF GROUND.
2. CONTRACTOR TO COORDINATE ALL WORK ALONG THE RAILROAD WITH VIA RAIL ENGINEERING (INCIDENTAL).
3. CONTRACTOR TO COORDINATE ALL WORK AROUND THE PROPOSED BUILDINGS WITH THE ARCHITECTURAL PLANS (INCIDENTAL).

CONTRACTOR TO COORDINATE ALL WORK WITH CITY'S ADJACENT ROADWAY/UTILITY EXTENSION PROJECT (INCIDENTAL).



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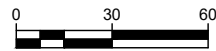


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GRADING PLAN

PROJECT NO.
02678018
SHEET
ST2



GENERAL NOTES:

1. ALL PROPOSED CONTOURS WITHIN THE RAILROAD TRACK AREAS REFER TO THE BOTTOM OF SUBBALLAST OR TOP OF SUBGRADE ELEVATION. ALL PROPOSED CONTOURS OUTSIDE OF THE RAILROAD TRACK AREAS REFER TO THE PROPOSED TOP OF GROUND.
2. CONTRACTOR TO COORDINATE ALL WORK ALONG RAILROAD WITH VIA RAIL ENGINEERING (INCIDENTAL).

LEGEND	
	EXISTING 5' CONTOUR
	EXISTING 1' CONTOUR
	PROPOSED 1' CONTOUR
	PROPOSED 5' CONTOUR
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	PROPOSED PAVEMENT
	PROPOSED RAIL
	PROPOSED DRAINAGE SWALE

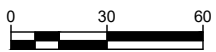
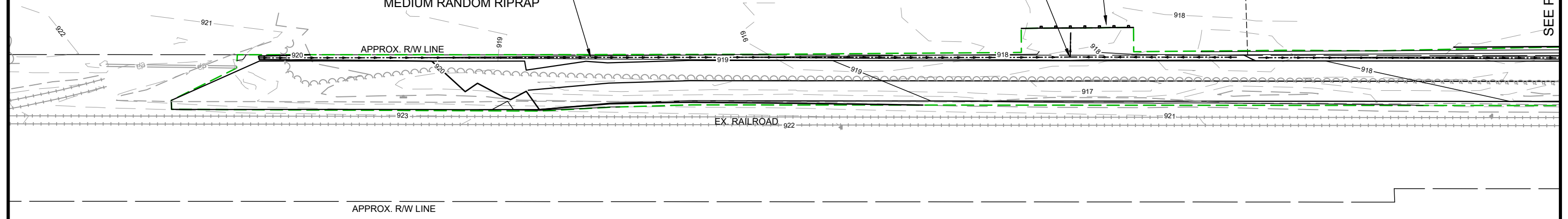
SEE PLAN VIEW BELOW

PROP. DRAINAGE SWALE @ 0.5%
CONTRACTOR TO INSTALL SWALE
WITH 2H:1V SIDE SLOPES WITH
MEDIUM RANDOM RIPRAP

INSTALL & MAINTAIN SILT FENCE
ALONG EXISTING DRAINAGE
DITCH (SEE DETAIL)

CONTRACTOR TO FIELD VERIFY ELEVATION OF
EXISTING DITCH AT PROP. MATCH. CONTRACTOR TO
COORDINATE WITH OWNER IF ADDITIONAL
DISTURBANCE IS NECESSARY TO GRADE PROP. SWALE

INV. = 917.0

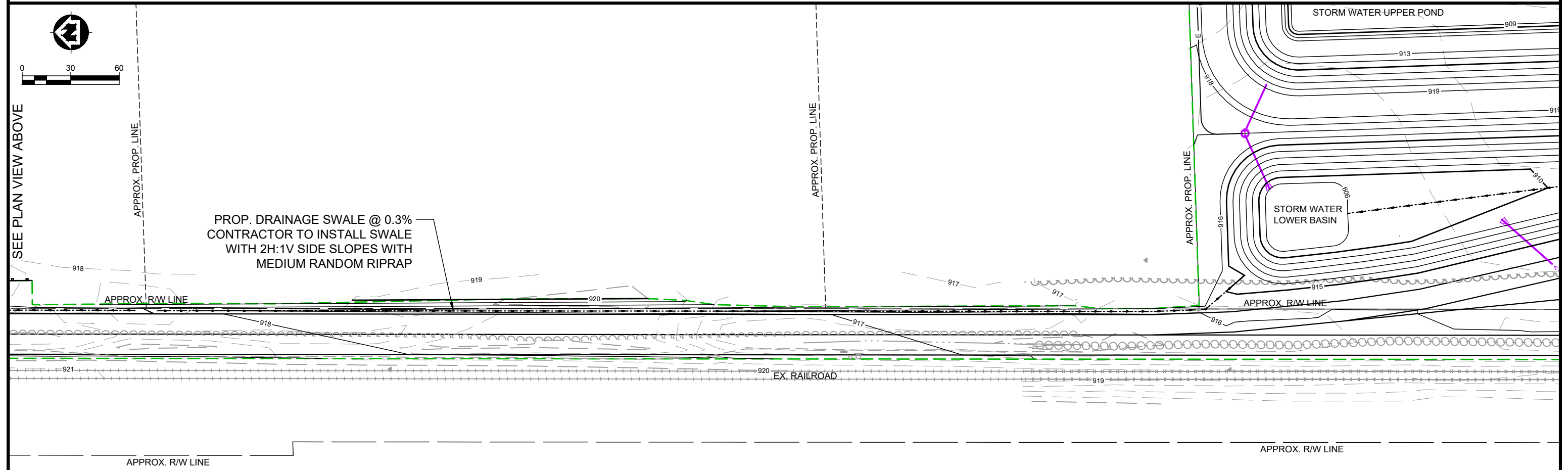


SEE PLAN VIEW ABOVE

PROP. DRAINAGE SWALE @ 0.3%
CONTRACTOR TO INSTALL SWALE
WITH 2H:1V SIDE SLOPES WITH
MEDIUM RANDOM RIPRAP

STORM WATER UPPER POND

STORM WATER LOWER BASIN



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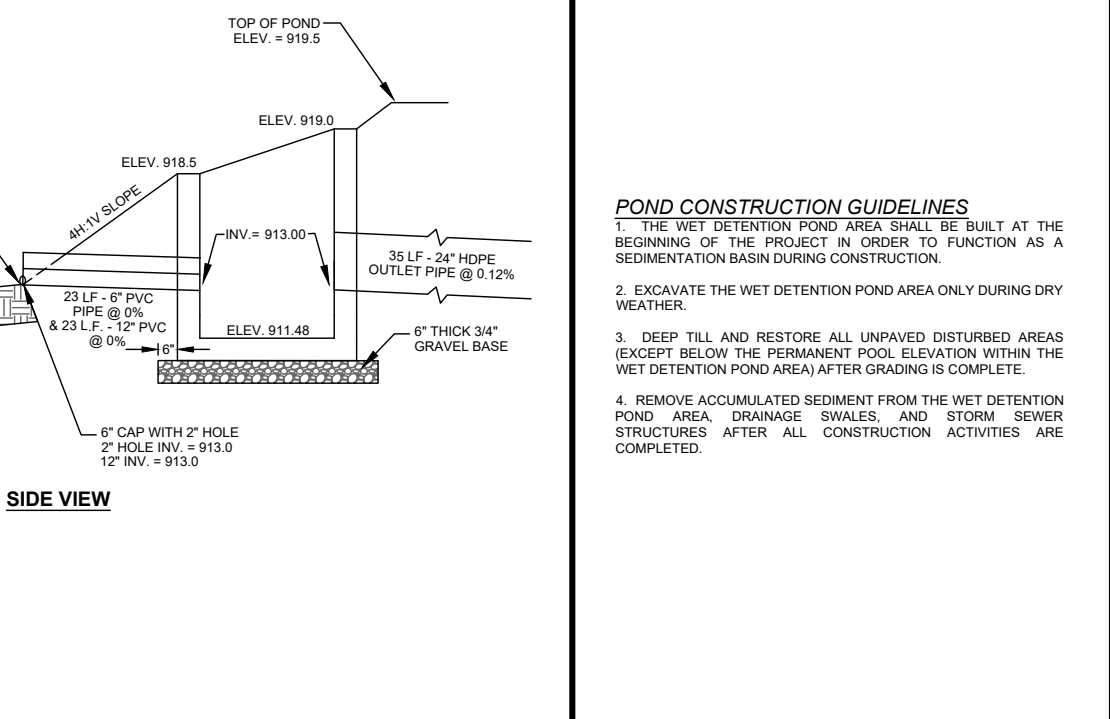
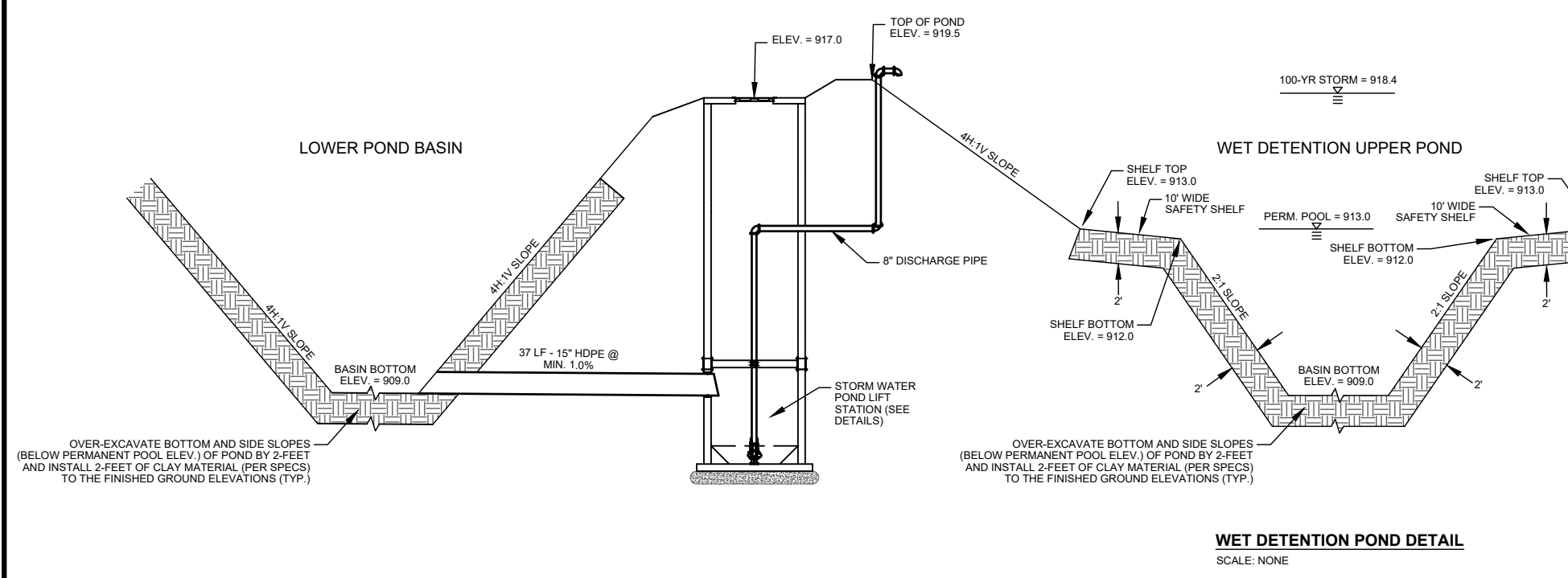
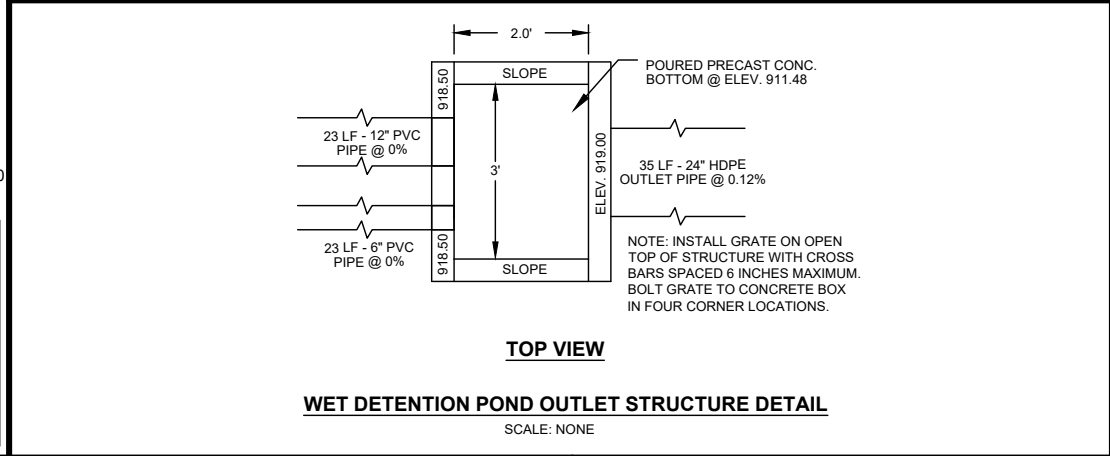
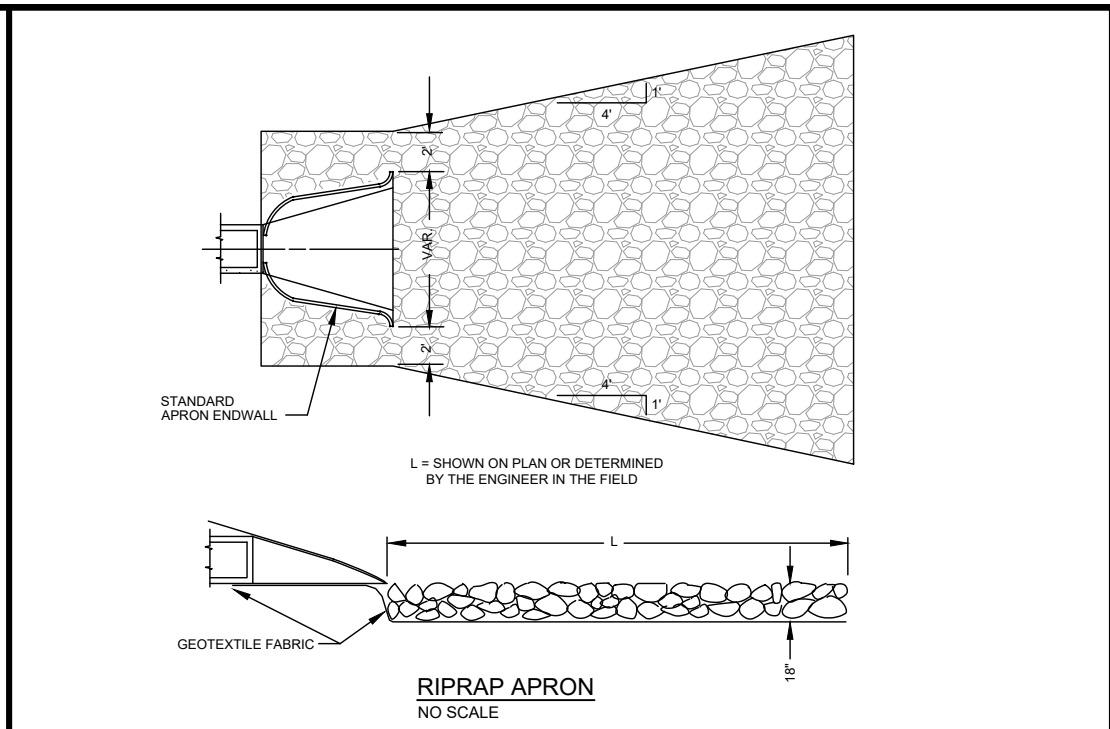
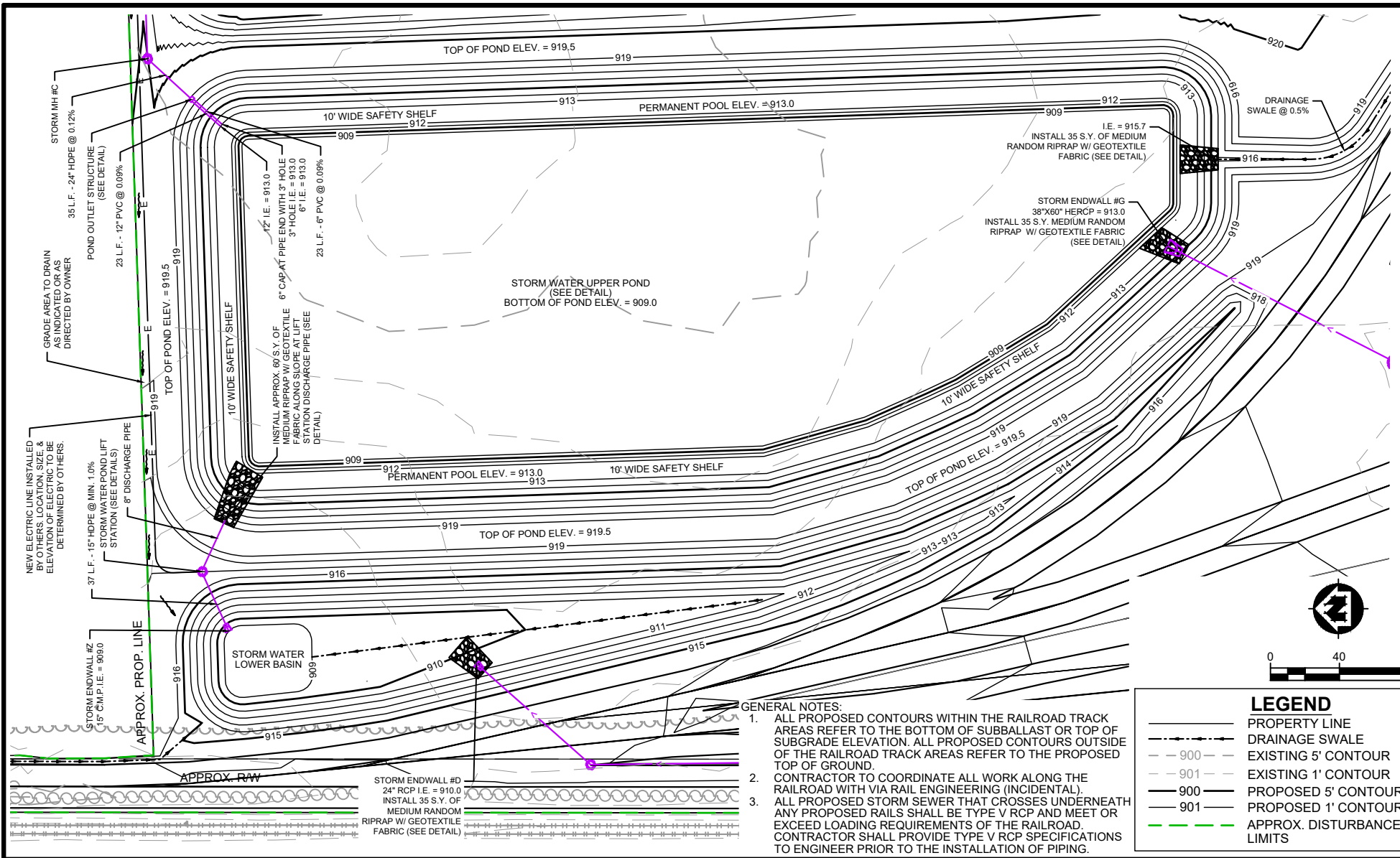


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GRADING PLAN

PROJECT NO.
02678018
SHEET
ST3

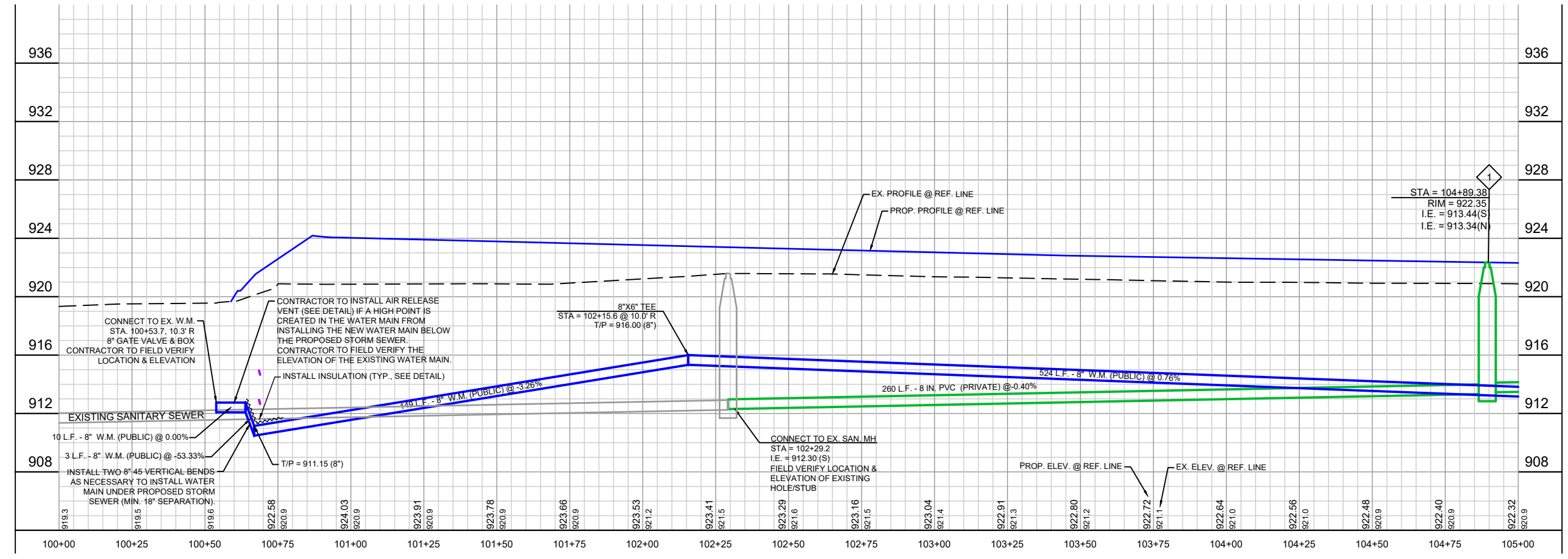
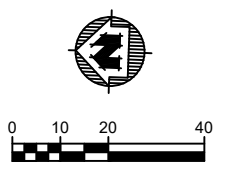
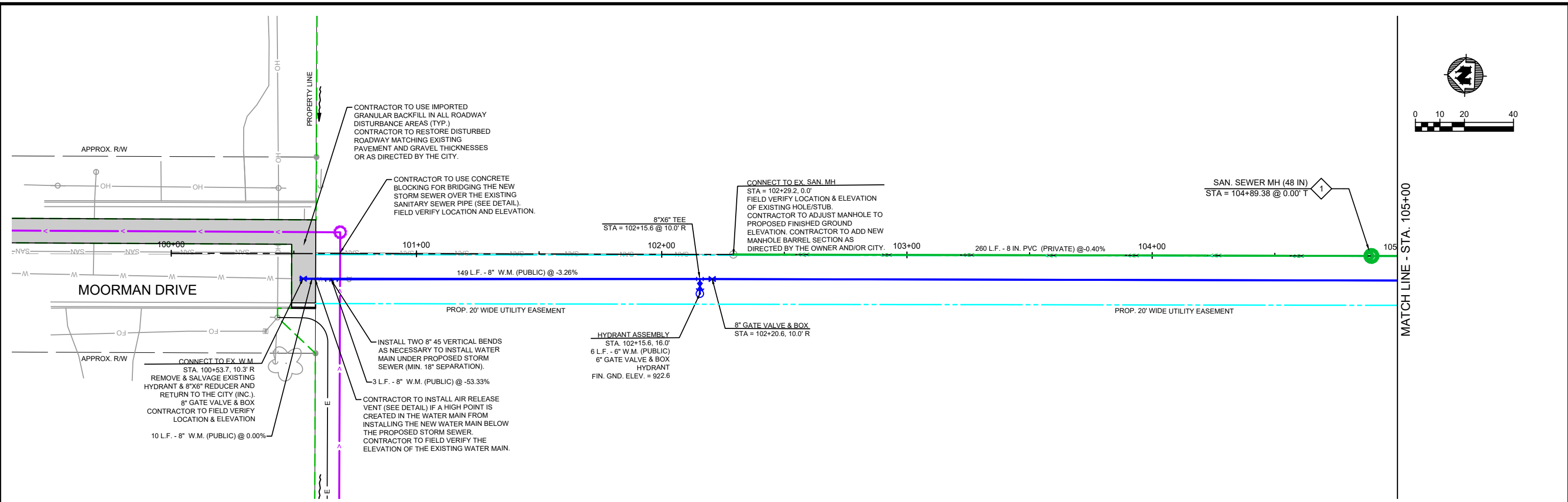


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POND GRADING DETAIL
PROJECT NO. 02678018
SHEET ST4



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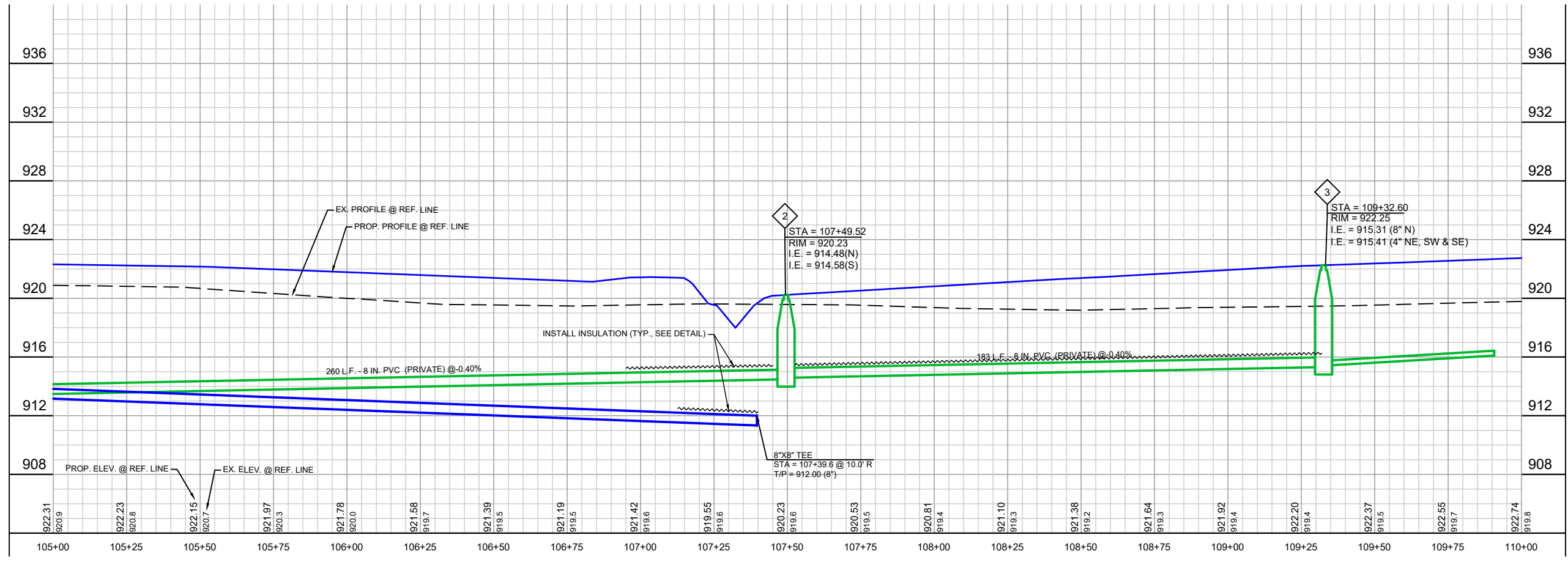
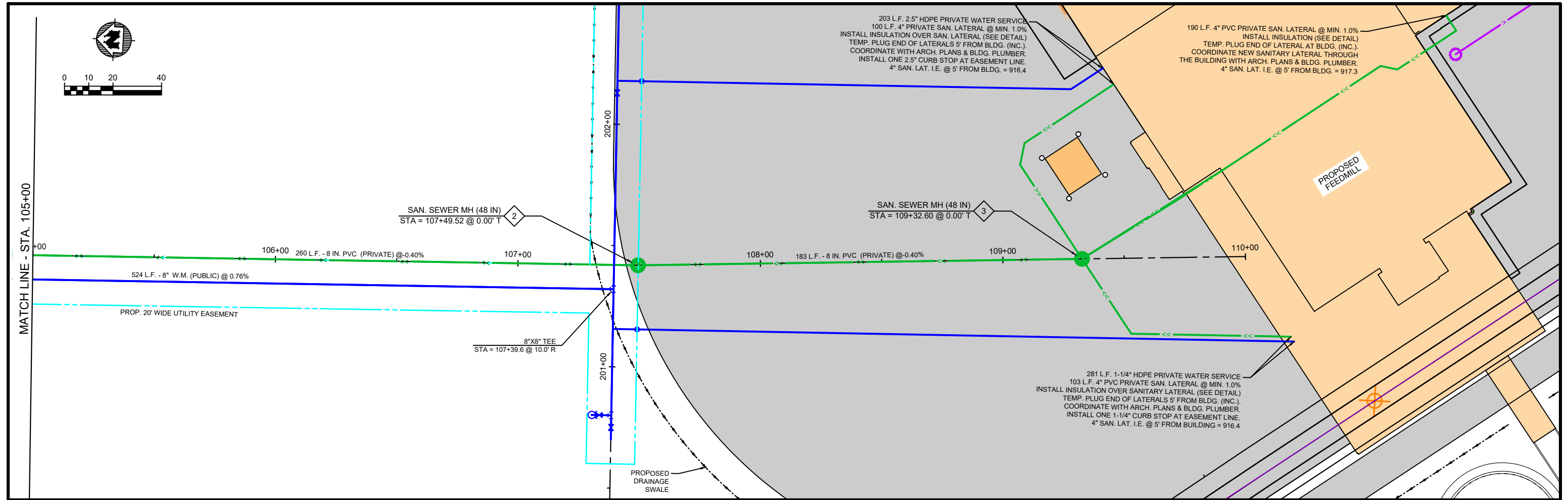
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SANITARY SEWER & WATER MAIN PLAN & PROFILE SHEET

PROJECT NO. 02678018
 SHEET PP1



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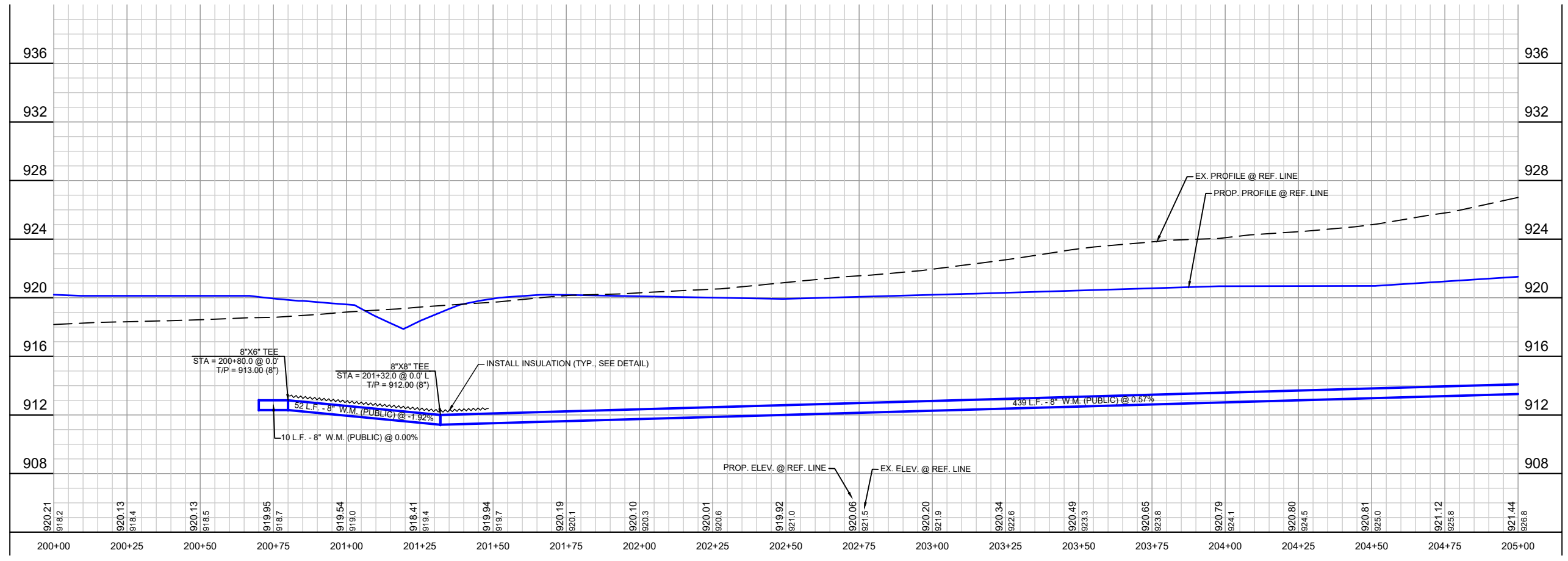
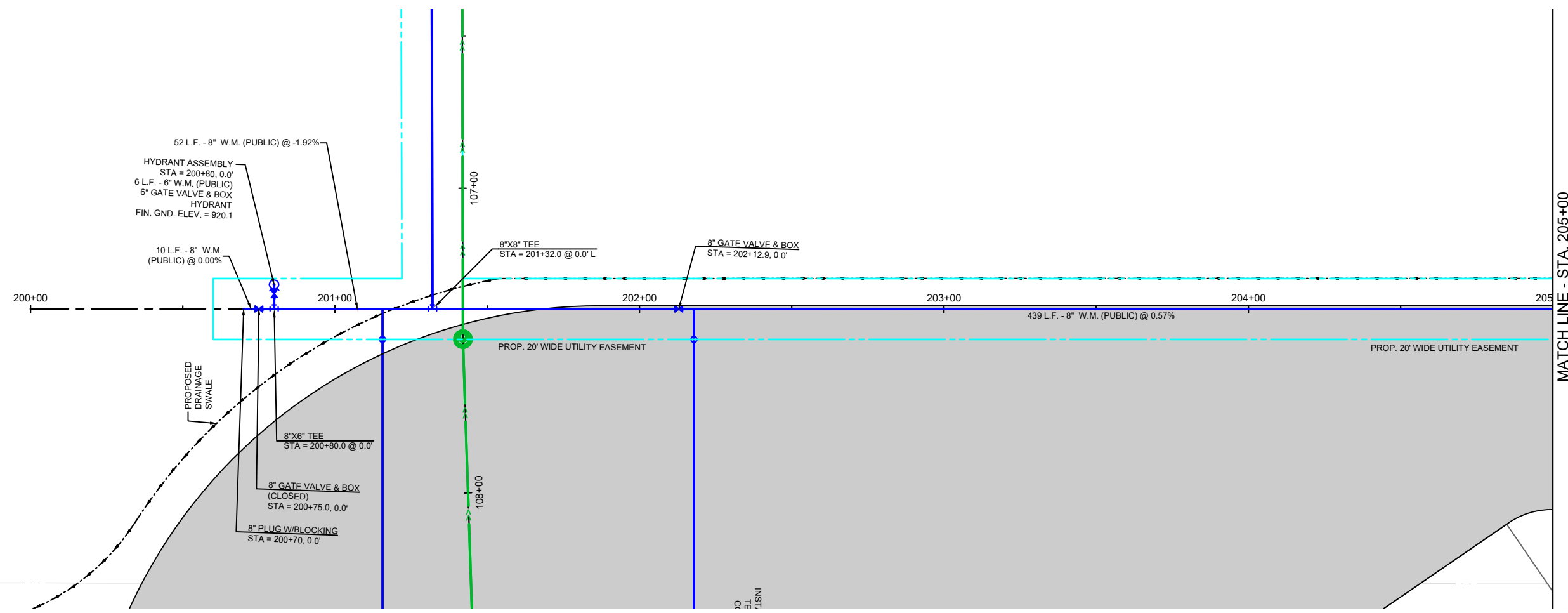
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SANITARY SEWER & WATER MAIN PLAN & PROFILE SHEET

PROJECT NO.
02678018
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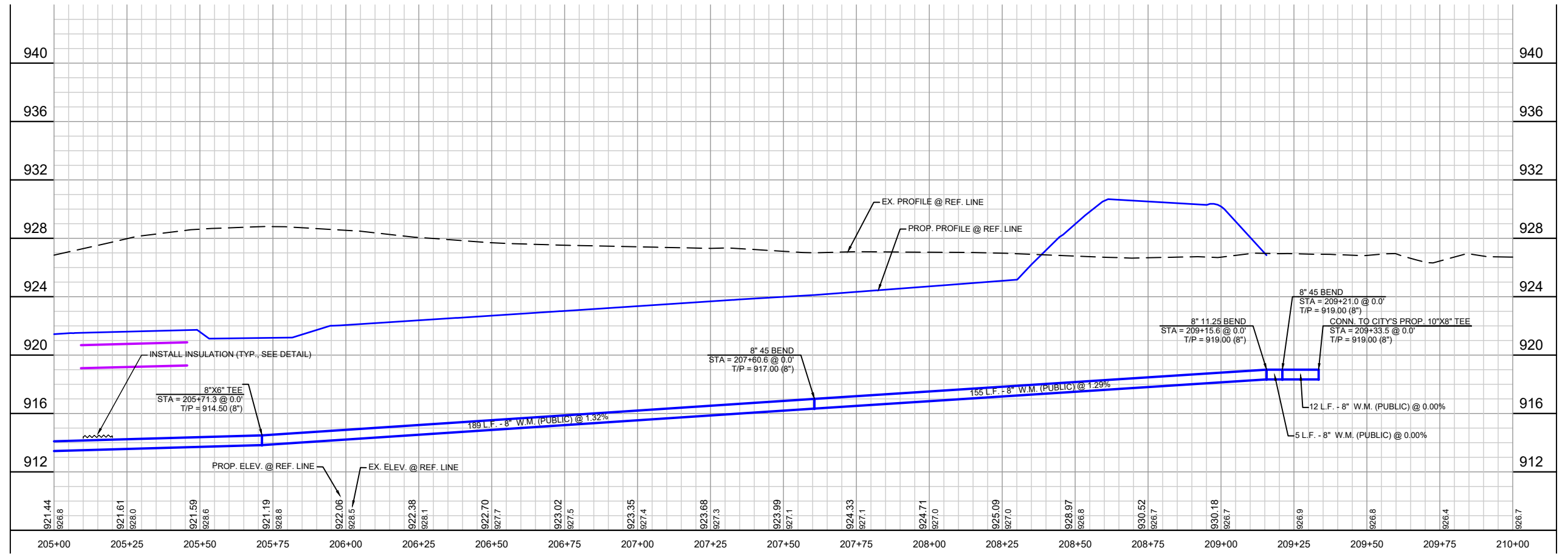
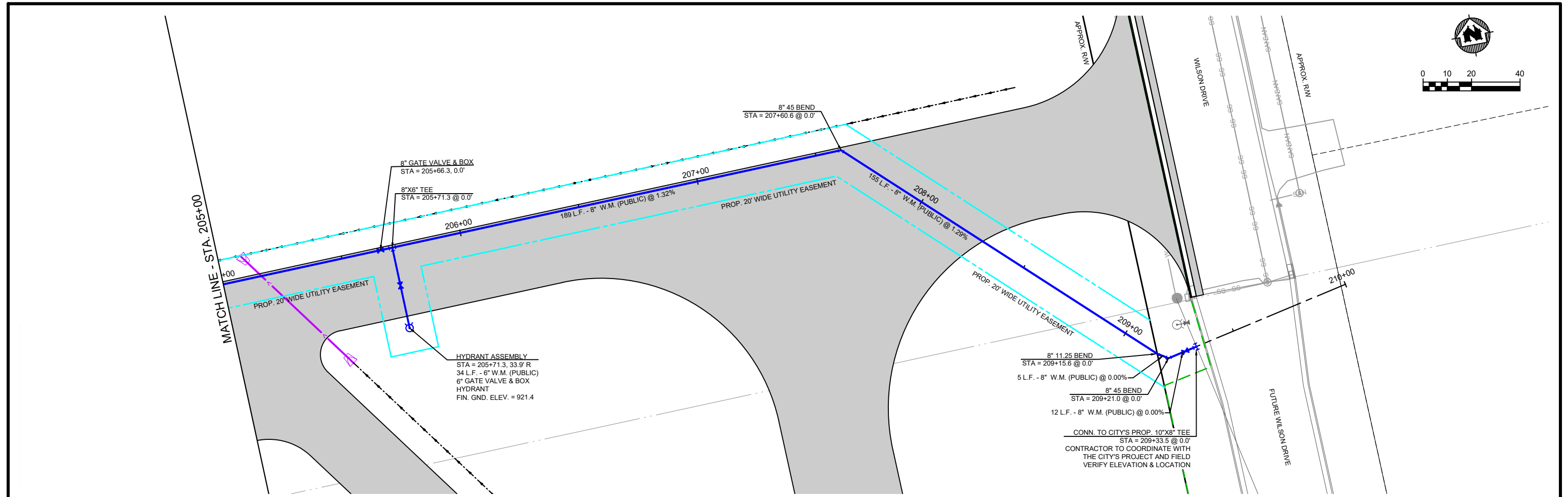
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PP3

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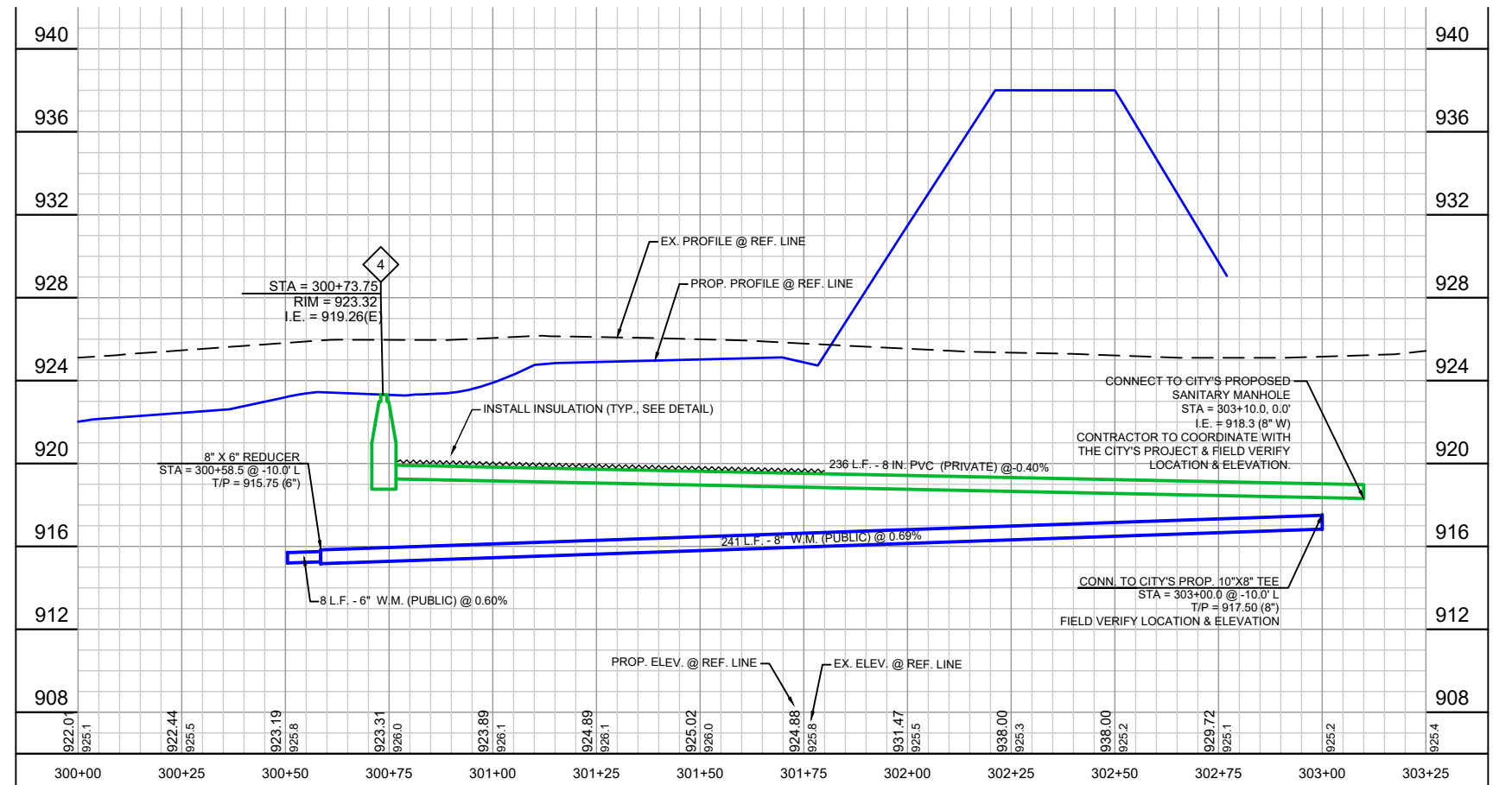
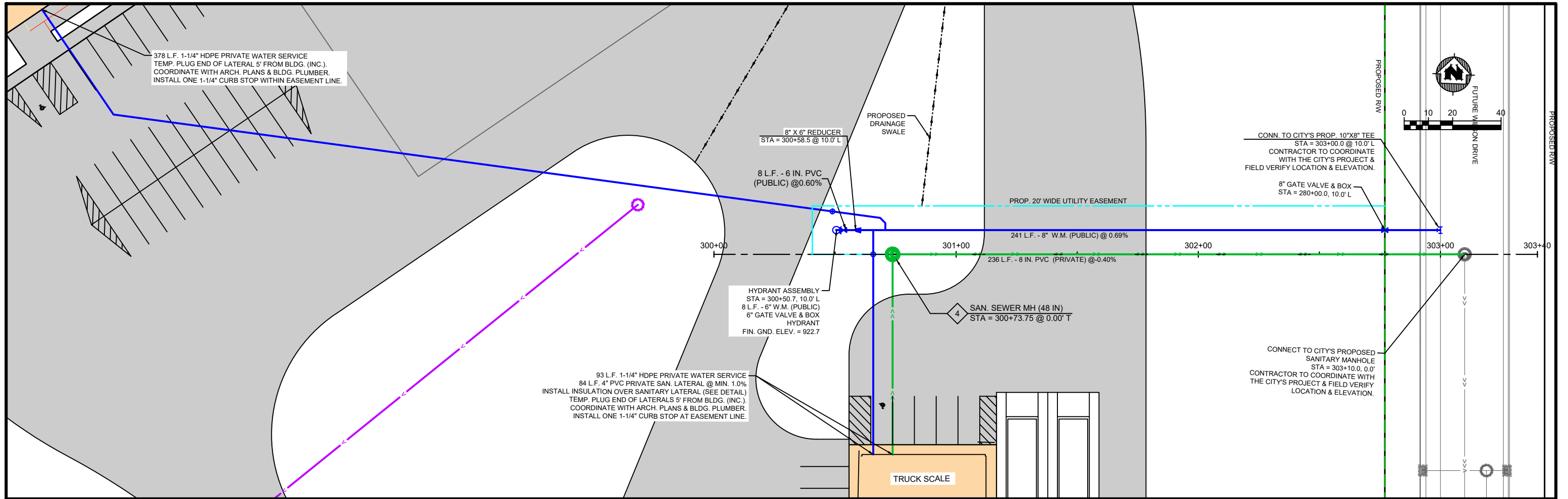
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 SHEET PP4

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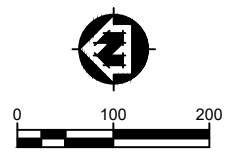


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SANITARY SEWER & WATER MAIN PLAN & PROFILE SHEET

PROJECT NO.
02678018
SHEET
PP5



- GENERAL NOTES:
1. ALL PROPOSED STORM SEWER THAT CROSSES UNDERNEATH ANY PROPOSED RAILS SHALL BE TYPE V RCP AND MEET OR EXCEED LOADING REQUIREMENTS OF THE RAILROAD. CONTRACTOR SHALL PROVIDE TYPE V RCP SPECIFICATIONS TO ENGINEER PRIOR TO THE INSTALLATION OF PIPING.
 2. CONTRACTOR TO COORDINATE ALL WORK ALONG THE RAILROAD WITH VIA RAIL ENGINEERING (INCIDENTAL). JOINT TIES SHALL BE INSTALLED ON ALL RCP APRON ENDWALL JOINTS AND THE ADJACENT TWO PIPE JOINTS (SEE DETAIL).

CONTRACTOR TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING SANITARY LATERALS AND WATER SERVICES ALONG MOORMAN DR. CONTRACTOR TO ADJUST/REPLACE EXISTING WATER AND SANITARY LATERALS AS NECESSARY TO INSTALL THE PROPOSED STORM SEWER AT THE ELEVATIONS/SLOPES SHOWN ON PLANS. CONTRACTOR TO COORDINATE THIS WORK (IF APPLICABLE) WITH OWNER AND WAUPUN UTILITIES.

CONTRACTOR SHALL CAREFULLY INSTALL STORM SEWER AT THE ELEVATIONS/SLOPES SHOWN ON PLANS TO PREVENT CONFLICT WITH EXISTING SANITARY SEWER

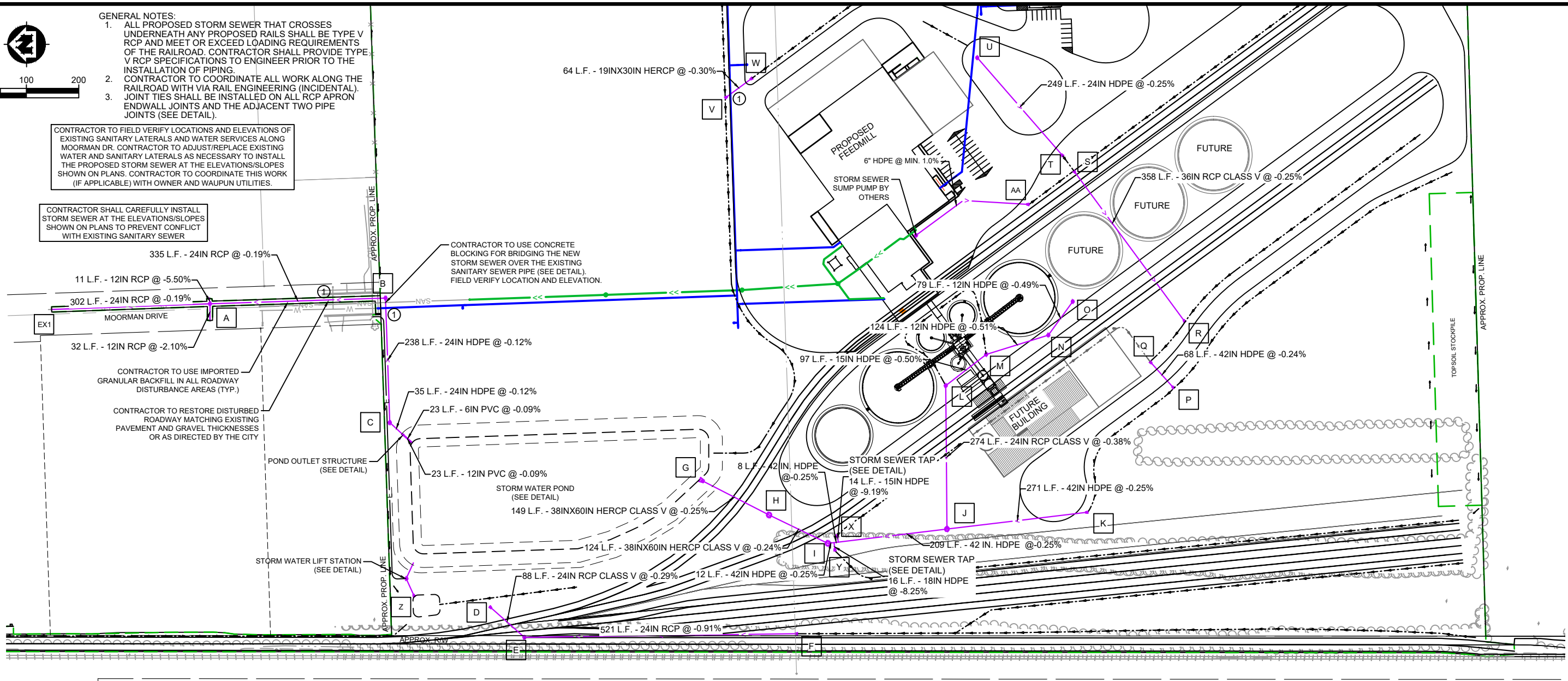
CONTRACTOR TO USE CONCRETE BLOCKING FOR BRIDGING THE NEW STORM SEWER OVER THE EXISTING SANITARY SEWER PIPE (SEE DETAIL). FIELD VERIFY LOCATION AND ELEVATION.

CONTRACTOR TO USE IMPORTED GRANULAR BACKFILL IN ALL ROADWAY DISTURBANCE AREAS (TYP.)

CONTRACTOR TO RESTORE DISTURBED ROADWAY MATCHING EXISTING PAVEMENT AND GRAVEL THICKNESSES OR AS DIRECTED BY THE CITY

POND OUTLET STRUCTURE (SEE DETAIL)

STORM WATER LIFT STATION (SEE DETAIL)



STORM STRUCTURE INFORMATION

STORM STRUCTURE INFORMATION

I.D.	TYPE	GRATE TYPE	RIM ELEV.	INV. ELEV.	DIR	SIZE
EX1	CORE HOLE & CONNECT INTO EX. MH			911.47	S	24"
A	CONC. MH (60" I.D.)	NEENAH R-1050	917.49	913.03	E & W	12"
B	CONC. MH (60" I.D.)	NEENAH R-1050	922.98	912.65	N & W	24"
C	CONC. MH (48" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	920.77	912.94	E & SW	24"
D	R.C.P. ENDWALL (24" I.D.) & RIP-RAP APRON	24" PIPE GRATE		910.00	SW	24"
E	CONC. MH (48" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	915.90	910.26	NE & S	24"
F	R.C.P. ENDWALL (24" I.D.)	24" PIPE GRATE		915.00	N	24"
G	H.E.R.C.P. ENDWALL (38"X60" I.D.) & RIP-RAP APRON	38"X60" PIPE GRATE		913.00	SW	38"X60"
H	ACCESS MANHOLE (SEE DETAIL)	NEENAH R-2560-E BEEHIVE GRATE	917.70	913.37	NE & SW	38"X60"
I	CONC. MH (96" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	918.30	913.67	NE	38"X60"
J	CONC. MH (84" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	919.30	914.24	N & S	42"
K	C.M.P. ENDWALL (42" I.D.)	42" PIPE GRATE		914.92	N	42"
L	CONC. MH (48" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	921.29	916.77	W	15"
				916.77	SE	24"

I.D.	TYPE	GRATE TYPE	RIM ELEV.	INV. ELEV.	DIR	SIZE
M	CONC. MH (48" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	921.26	917.26	NW	15"
N	CONC. MH (48" I.D.)	NEENAH R-2556-A, TYPE F	922.75	917.89	NW & SE	12"
O	CONC. MH (48" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	921.8	918.28	NW	12"
P	C.M.P. ENDWALL (42" I.D.) & RIP-RAP APRON	42" PIPE GRATE		915.70	NE	42"
Q	C.M.P. ENDWALL (42" I.D.)	42" PIPE GRATE		915.86	SW	42"
R	R.C.P. ENDWALL (36" I.D.) & RIP-RAP APRON	36" PIPE GRATE		916.11	NE	36"
S	R.C.P. ENDWALL (36" I.D.)	36" PIPE GRATE		917.00	SW	36"
T	C.M.P. ENDWALL (24" I.D.) & RIP-RAP APRON	24" PIPE GRATE		917.09	NE	24"
U	CONC. MH (48" I.D.)	NEENAH R-2560-E BEEHIVE GRATE	920.10	917.71	SW	24"
V	H.E.R.C.P. ENDWALL (19"X30" I.D.)	19"X30" PIPE GRATE		919.10	SE	19"X30"
W	H.E.R.C.P. ENDWALL (19"X30" I.D.) & RIP-RAP APRON	19"X30" PIPE GRATE		919.29	NW	19"X30"
X	R.C.P. ENDWALL (15" I.D.)			916.00	W	15"
Y	R.C.P. ENDWALL (18" I.D.)			916.00	E	18"
Z	C.M.P. ENDWALL (15" I.D.)			909.00	NE	15"
AA	H.D.P.E. PIPE DISCHARGE (6" I.D.)			917.55	N	6"

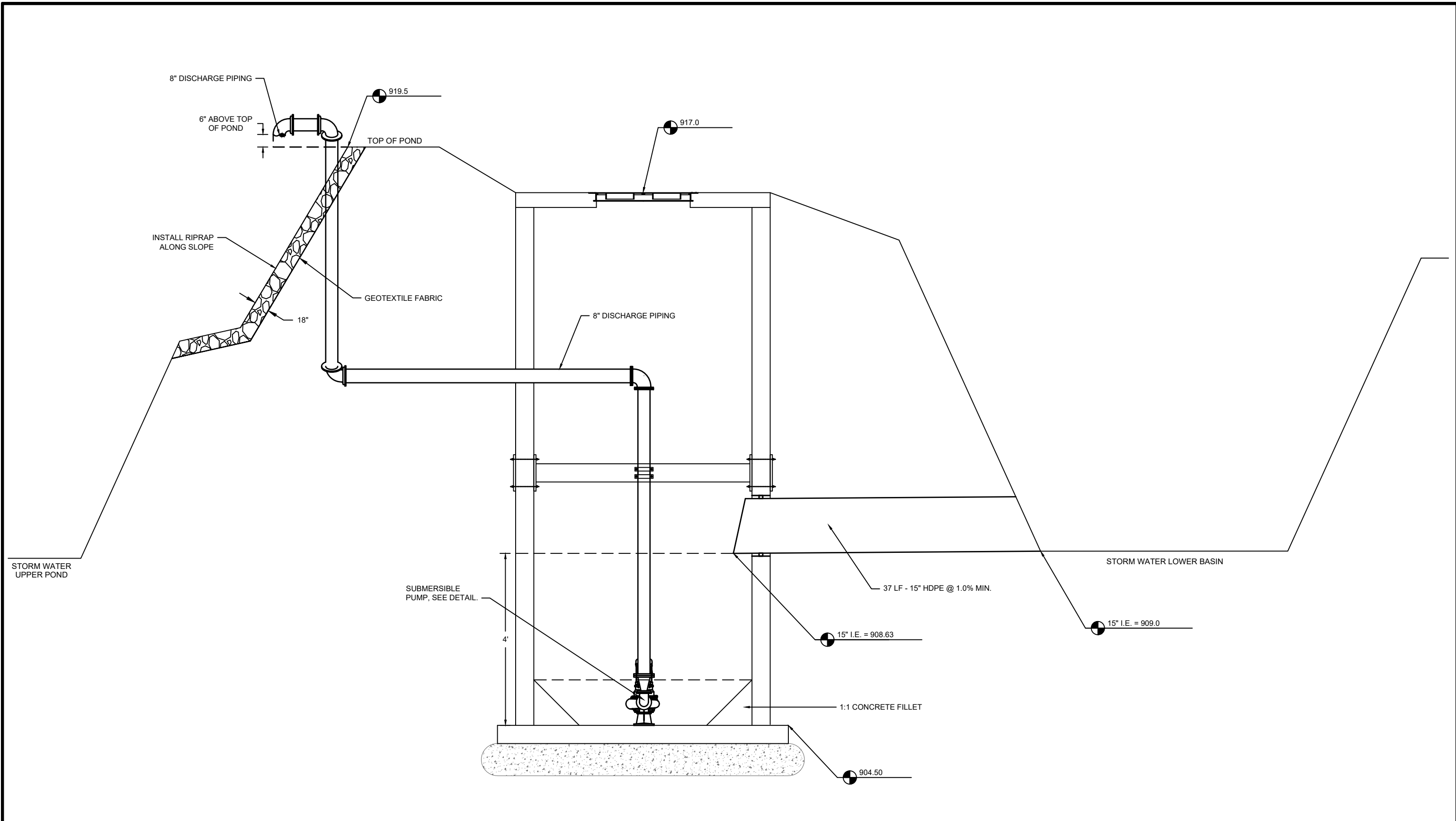
KEY NOTES:
 ① = INSTALL 4'x8' SHEET OF 2" THICK INSULATION UNDER STORM SEWER PIPE AT WATER MAIN OR WATER SERVICE CROSSINGS (INCIDENTAL)

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STORM SEWER PLAN
 PROJECT NO. 02678018
 SHEET SS1



A STORM WATER POND LIFT STATION SECTION
 PM1 NOT TO SCALE

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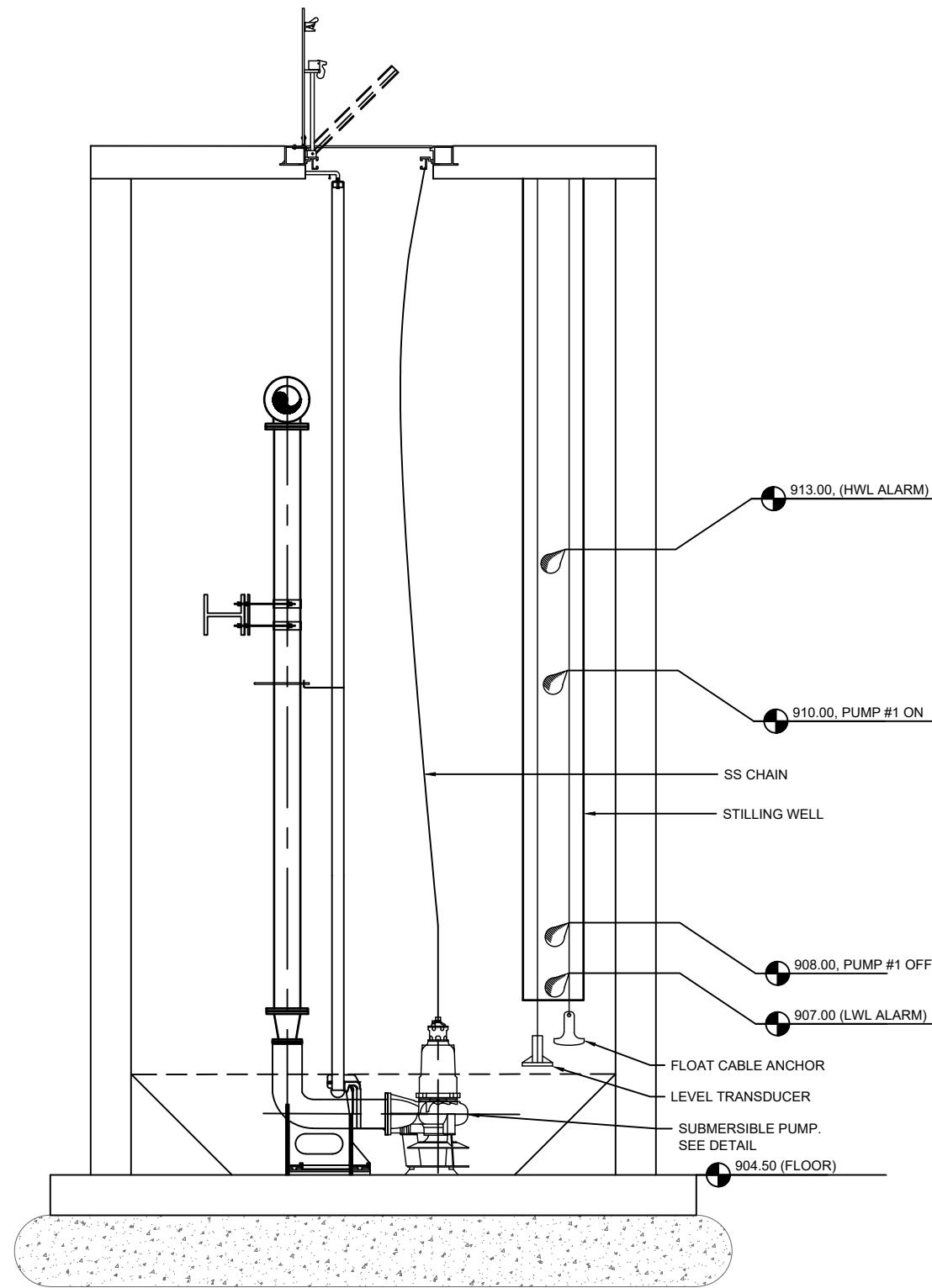
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STORM WATER POND LIFT STATION SECTIONS

PROJECT NO.
 02678018
 SHEET
 PM1

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B STORM WATER POND LIFT STATION WET WELL SECTION, 9" PUMP
 PM2 NOT TO SCALE

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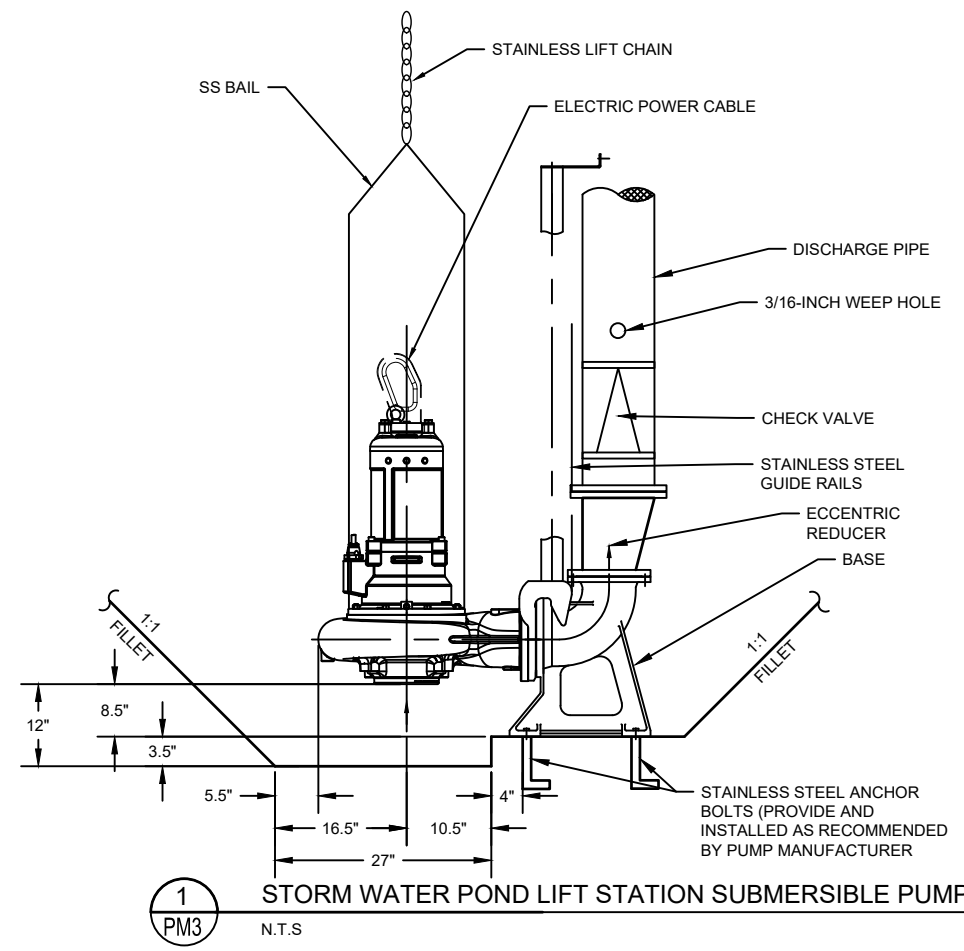


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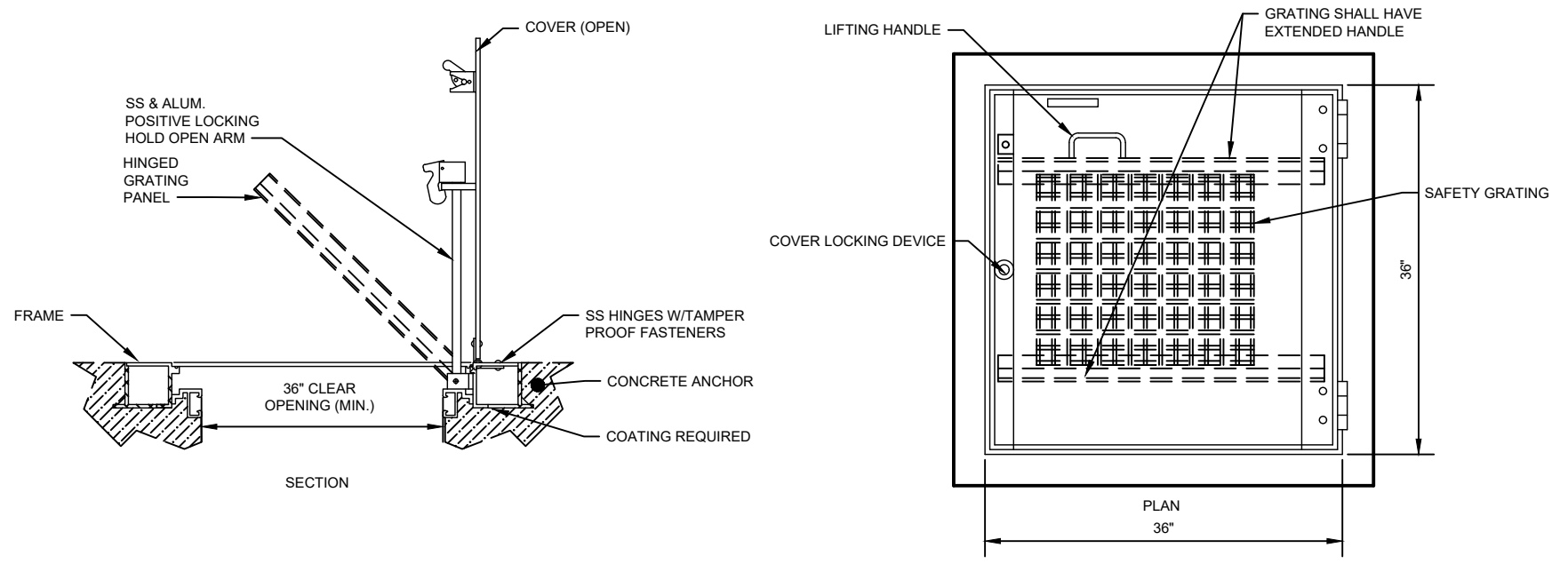
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STORM WATER POND LIFT STATION SECTIONS

PROJECT NO.
 02678018
 SHEET
 PM2



1
PM3
N.T.S
STORM WATER POND LIFT STATION SUBMERSIBLE PUMP



2
PM-3
N.T.S
STORM WATER POND LIFT STATION MANHOLE HATCH DETAIL

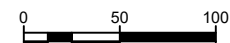
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CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

STORM WATER POND LIFT STATION DETAILS

PROJECT NO:
02678018
SHEET
PM3



GENERAL NOTES:

- CONTRACTOR TO COORDINATE ALL WORK ALONG THE RAILROAD WITH VIA RAIL ENGINEERING (INCIDENTAL).
- CONTRACTOR TO RESTORE ALL DISTURBED NON-PAVED AREAS WITH TOPSOIL, FERTILIZER, SEED, AND MULCH AS DIRECTED BY THE OWNER.

LEGEND

	900	EXISTING 5' CONTOUR		BOC=900.00	BACK OF CURB ELEVATION
	901	EXISTING 1' CONTOUR		YD=900.00	YARD ELEVATION
		PROPERTY LINE		CL=900.00	CENTERLINE PAVEMENT ELEVATION
		RIGHT-OF-WAY LINE		I.E.=900.00	INVERT ELEVATION
		PROPOSED PAVEMENT		TP=900.00	TOP OF PAVEMENT ELEVATION
		PROPOSED RAIL		1.5%	DRAINAGE SLOPE & DIRECTION
		PROPOSED DRAINAGE SWALE			

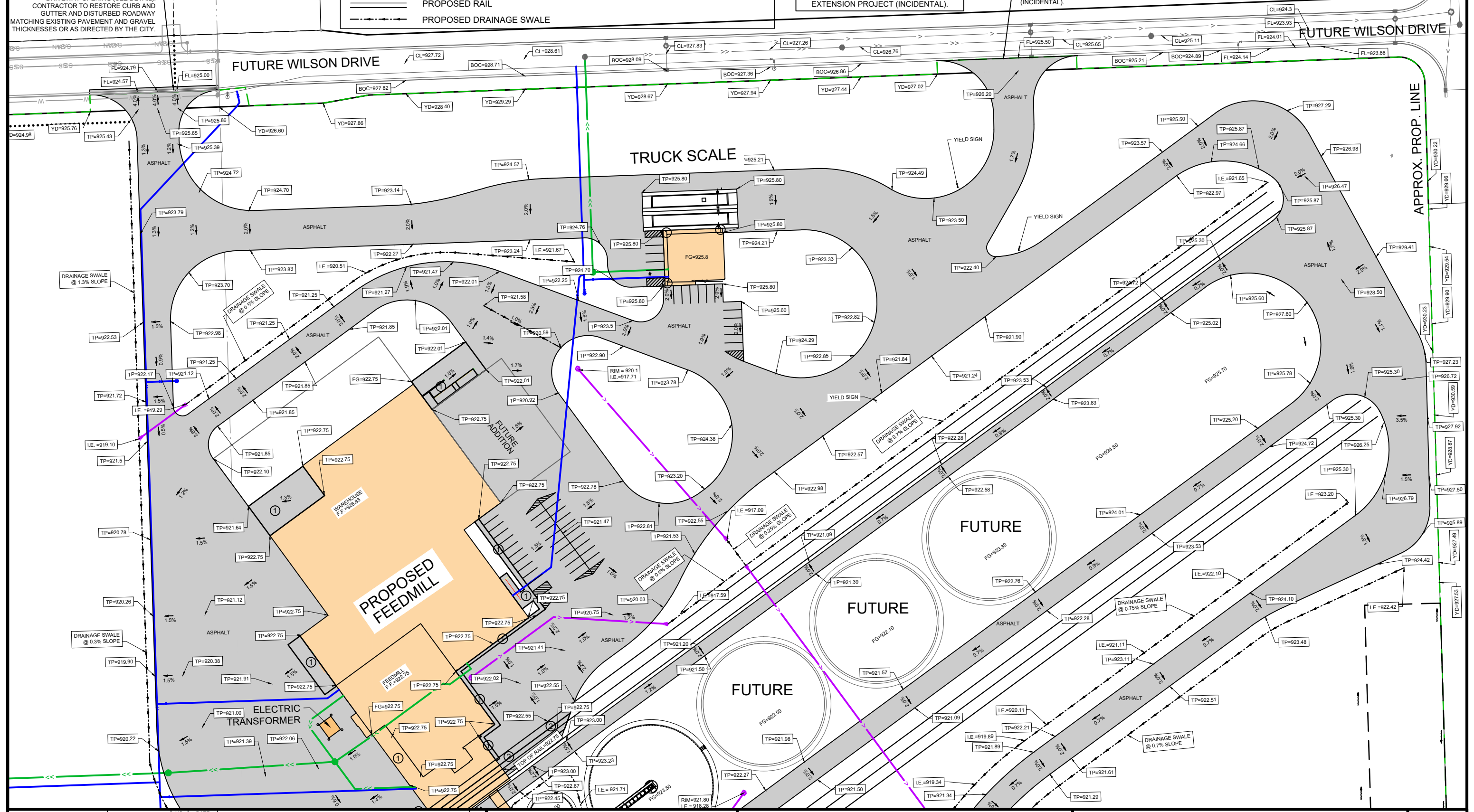
KEY NOTES:

- PROPOSED CONCRETE AREA. SEE ARCHITECTURAL PLANS FOR DETAILS.
- PROPOSED CONCRETE PAVEMENT ALONG RAILROAD. COORDINATE WITH VIA RAIL ENGINEERING PLANS FOR DETAILS AND INFORMATION.

CONTRACTOR TO COORDINATE ALL WORK WITH CITY'S ADJACENT ROADWAY/UTILITY EXTENSION PROJECT (INCIDENTAL).

CONTRACTOR TO COORDINATE NEW DRIVEWAY OPENING WITH CITY'S ROADWAY PROJECT (INCIDENTAL).

CONTRACTOR TO INSTALL NEW DRIVEWAY STYLE CURB AND GUTTER FOR NEW DRIVEWAY OPENING (SEE DETAIL). CONTRACTOR TO RESTORE CURB AND GUTTER AND DISTURBED ROADWAY MATCHING EXISTING PAVEMENT AND GRAVEL THICKNESSES OR AS DIRECTED BY THE CITY.



PROJECT DATE:	NO.	DATE	REVISION	BY
8/2022				
DRAWN BY:				
DESIGNED BY:				
CHECKED BY:				

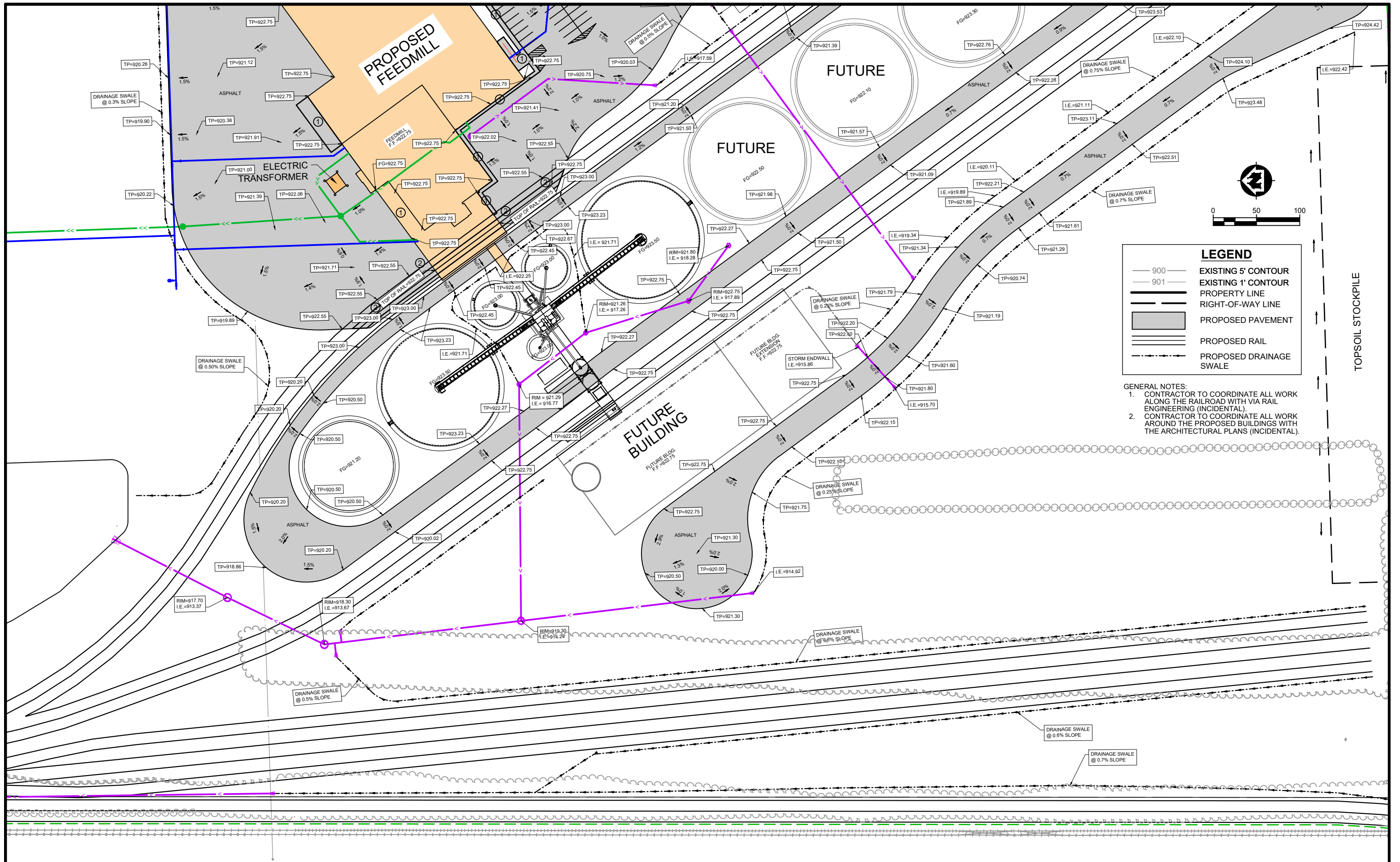
MSA ENGINEERING | ARCHITECTURE | SURVEYING
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UNITED COOPERATIVE DEVELOPMENT PROJECT
 UNITED COOPERATIVE
 CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

PAVING PLAN

PROJECT NO. 02678018
 SHEET R1

PLOT DATE: 10/6/2022 1:13 AM, G:\02\02678018\CADD\Construction Documents\02678018 Paving Plan.dwg



PROJECT DATE:	8/2022	NO.	DATE	REVISION	BY:
DRAWN BY:					
DESIGNED BY:					
CHECKED BY:					

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UNITED COOPERATIVE DEVELOPMENT PROJECT
 UNITED COOPERATIVE
 CITY OF WAUPUN, DODGE COUNTY, WISCONSIN

PAVING PLAN

PROJECT NO.
02678018
SHEET
R2



LEGEND:

UTILITY	GRADING	SITE
EXISTING: WATERMAIN BURIED ELECTRIC OVERHEAD WIRE GAS LINE SANITARY SEWER STORM SEWER UTILITY POLE LIGHT POLE SANITARY MANHOLE FIRE HYDRANT WATER VALVE STORM SEWER STRUCTURE PROPOSED: WATERMAIN ELECTRICAL LINE GAS LINE SANITARY SEWER STORM SEWER WATER VALVE STORM SEWER STRUCTURE FLARED END SECTION	EXISTING: MAJOR CONTOUR MINOR CONTOUR EXISTING SPOT ELEVATION PROPOSED: MAJOR CONTOUR MINOR CONTOUR SPOT ELEVATION (FINISHED GRADE, TOP OF PAVEMENT, FLANGE OF CURB) DOOR ELEVATION GROUND GRADE AT BUILDING SPOT ELEVATION (TC - TOP OF CURB, E.P. - EDGE OF PAVEMENT) RETAINING WALL SPOT ELEVATION (TW - GROUND GRADE AT TOP OF WALL, BW - GROUND GRADE AT BOTTOM) FLARED END SECTION (PIPE SIZE, INVERT ELEVATION) DRAINAGE FLOW DIRECTION EMERGENCY OVERFLOW ROUTE	EXISTING: EXISTING PARKING COUNT EXISTING SIGN EXISTING ADA PARKING SPACE PROPOSED: PARKING COUNT ADA PARKING SPACE SIGN TRUNCATED DOMES PAVEMENT MARKING DIRECTIONAL ARROWS

GENERAL NOTES AND SPECIFICATIONS:

- THE EXISTING SITE INFORMATION ON THIS PLAN WAS TAKEN FROM A SITE SURVEY PROVIDED BY CAPITOL SURVEY ENTERPRISES. THE ENGINEER MAKES NO WARRANTY OR REPRESENTATION WITH REFERENCE TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS INDICATED OR NOT INDICATED ON THE ENGINEERING PLANS PROVIDED. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING SITE CONDITIONS INCLUDING UNDERGROUND UTILITIES, UNDERGROUND UTILITY ELEVATIONS, BUILDING SETBACKS AND EXISTING BUILDING LOCATIONS. THE CONTRACTOR SHALL INFORM THE OWNER AND ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. QUESTIONS REGARDING THE EXISTING SURVEY SHALL BE DIRECTED TO THE PARTIES LISTED ABOVE.
- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL TO BE CONNECTED TO (VERIFYING ELEVATION, LOCATION AND SIZE). SHOULD THE EXISTING UTILITY NOT BE AS INDICATED ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR EVALUATION.
- ALL UTILITY CONSTRUCTION SHALL ADHERE TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (2003), AS WELL AS, THE MUNICIPAL CONSTRUCTION STANDARDS AND THE DEPT. OF SAFETY AND PROFESSIONAL SERVICES SEC. 382.387.
- ALL PERMITS MUST BE RECEIVED FROM THE MUNICIPALITY AND WIDNR (IF REQUIRED) PRIOR TO THE START OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL APPLICABLE PERMITS ARE RECEIVED PRIOR TO STARTING CONSTRUCTION.
- NOTIFY THE PUBLIC WORKS INSPECTION DEPT. AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION.
- BACKFILL REQUIREMENTS AND ROADWAY/SIDEWALK RESTORATION SHALL ADHERE TO LOCAL STANDARDS (AGGREGATE GRANULAR BACKFILL UNDER OR WITHIN 6" OF CURB, SIDEWALK OR PAVEMENT. SPOIL MAY BE USED ELSEWHERE. SLURRY BACKFILL WILL BE REQUIRED IN PUBLIC ROADWAYS.)
- ALL BUILDING UTILITIES SHALL BE VERIFIED WITH THE ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
- PROPOSED STORM SEWER SHALL BE PVC, ASTM D-3034, SDR 35 WITH RUBBER ELASTOMERIC JOINTS CONFORMING TO ASTM D-3212 (UNLESS OTHERWISE NOTED).
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NONMETALLIC UTILITIES MUST BE PROVIDED. PROVIDE TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS SECTIONS 182.0715(2R) OF THE STATE STATUTES.
- UTILITY TRENCHES SHALL BE MECHANICALLY COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN.
- ALL MANHOLES, CATCH BASINS, INLETS, VALVES BOXES, ETC WITHIN THE PROJECT AREA SHALL BE RESET AND ADJUSTED TO MATCH FINISH GRADE.
- ALL EXCAVATED OR STRIPPED MATERIALS NOT BEING REPLACED IN UTILITY TRENCHES OR BEING USED FOR FILL SHALL BE REMOVED FROM THE SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING & FOUNDATION DETAILS AND ORIENTATION.
- ALL ON-SITE CONCRETE CURB AND GUTTER TO BE 18" WIDE VERTICAL FACE, UNLESS OTHERWISE NOTED. REVERSE OR REGULAR STYLE CURB DENOTED ON PLANS.
- ALL CURB ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. SEE CURB DETAIL FOR TOP OF CURB ELEVATIONS.
- ALL CURB RADII ARE MEASURED TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL MATCH PROPOSED CONCRETE CURB AND GUTTER, SIDEWALK AND PAVEMENT TO EXISTING IN ELEVATION AND ALIGNMENT.
- REMOVAL OF CURB AND GUTTER, SIDEWALK AND PAVEMENT SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE WISCONSIN D.O.T.
- ALL CONCRETE FOR CURB AND GUTTER, ROADWAY AND SIDEWALKS MUST CONFORM TO THE STANDARD SPECIFICATIONS FOR READY MIXED CONCRETE. MINIMUM 28 DAY COMPRESSIVE STRENGTH TEST MUST EQUAL 4000 PSI.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL PROPERTY CORNERS.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS. CONTRACTOR SHALL DOCUMENT ALL EXISTING DAMAGE PRIOR TO START OF CONSTRUCTION AND NOTIFY CONSTRUCTION MANAGER OF ANY FINDINGS.
- PROJECT SAFETY ON-SITE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING SOIL CONDITIONS, CONSTRUCTION MANAGER MAY HAVE SOILS REPORT FOR MORE INFO.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH A SET OF MARKED UP PLANS (AS-BUILTS) SHOWING ANY CHANGES DURING CONSTRUCTION.

CIVIL SHEET INDEX:

C1.10	PROJECT LOCATION AND GENERAL NOTES
C1.11	SITE AND GRADING PLAN
C1.20	EROSION CONTROL PLAN
C1.30	EXISTING SURVEY
C5.00	CONSTRUCTION DETAILS

Sheet:
PROJECT LOCATION & GENERAL NOTES

Scale:

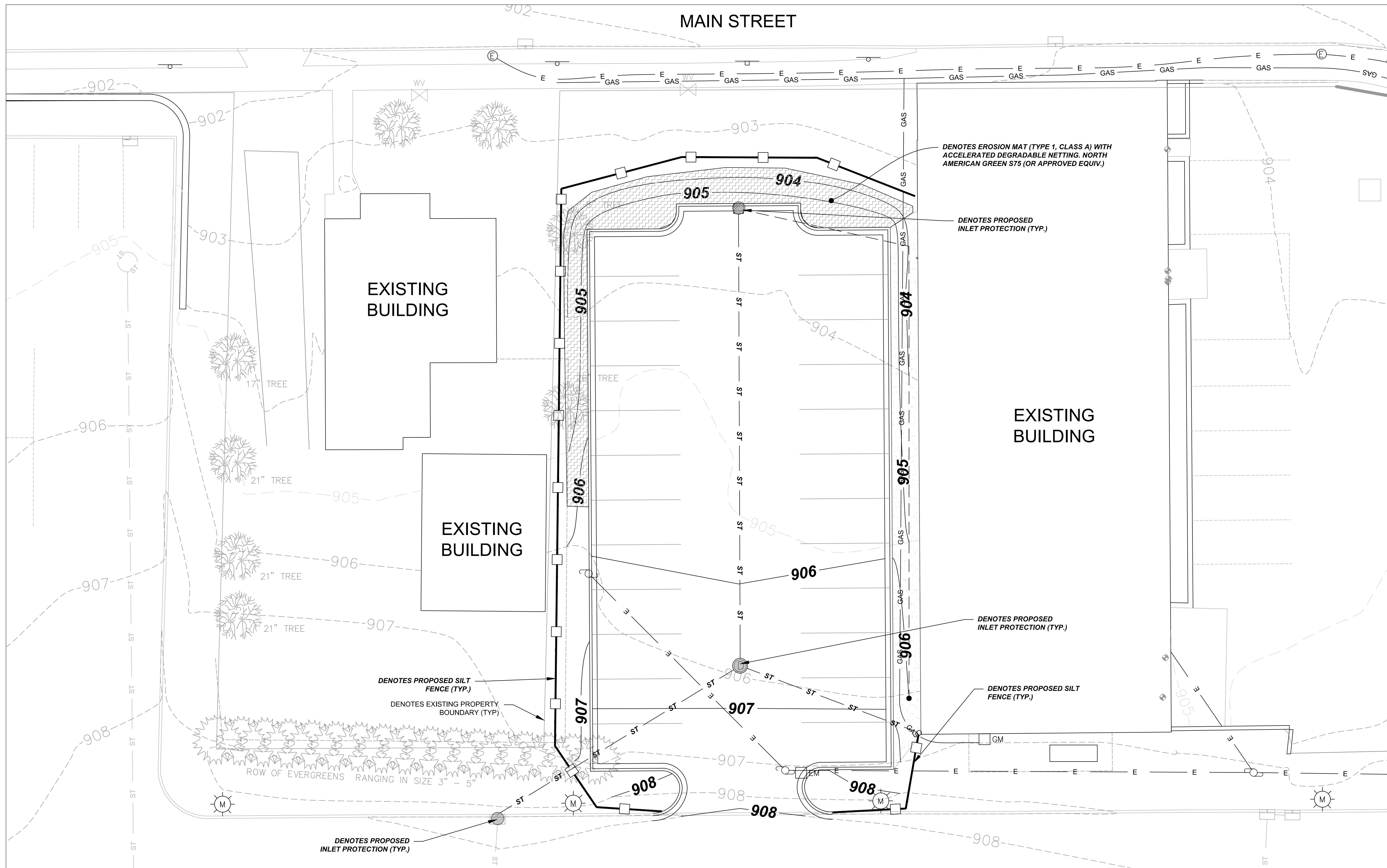
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Date:
8/18/22
Project No.: 220018.05 (Owner) Project No.:

Sheet No.:
C1.10



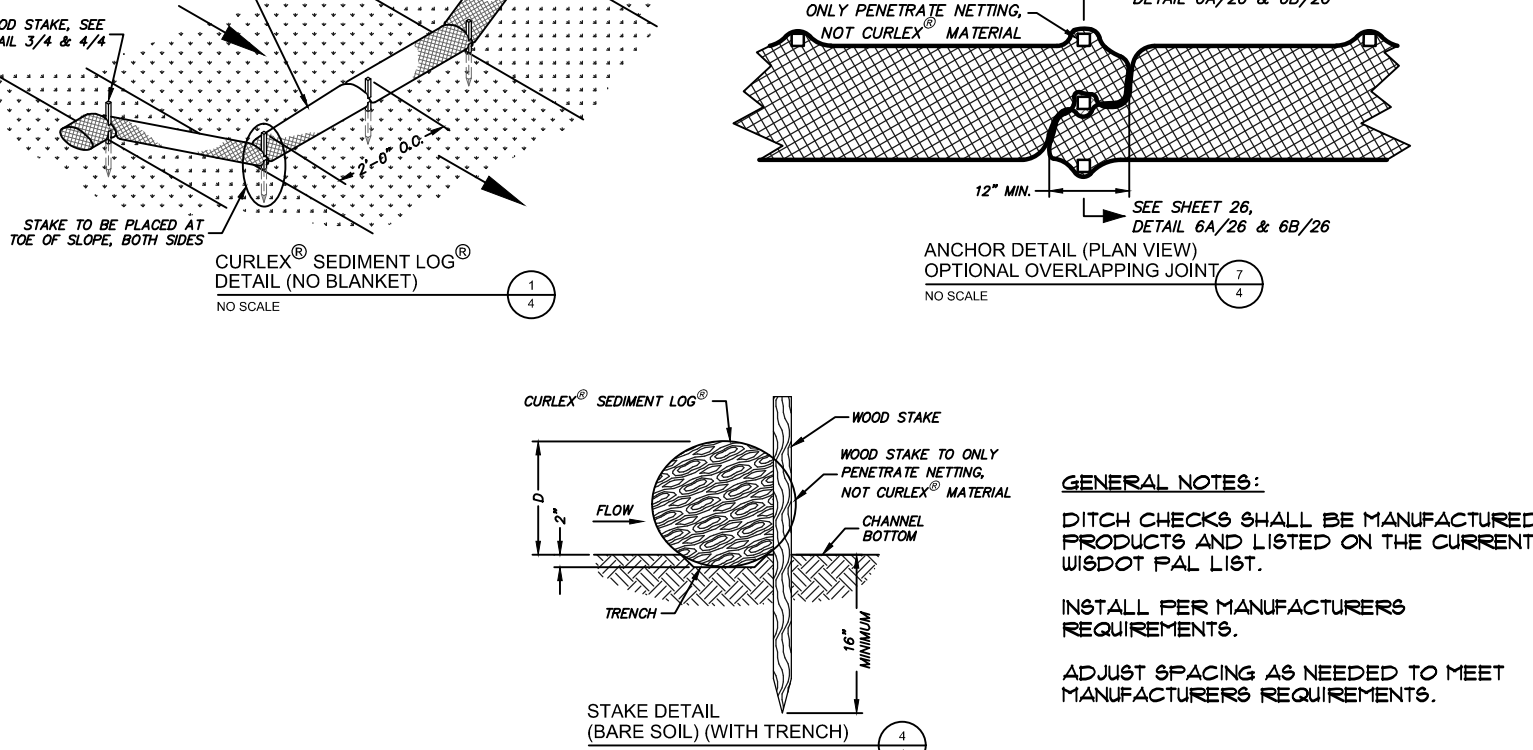
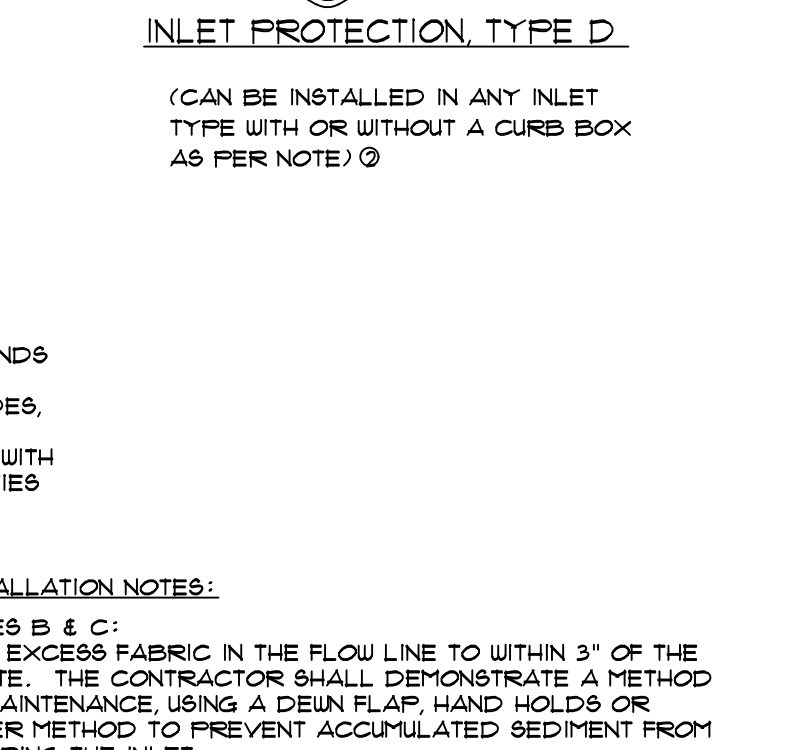
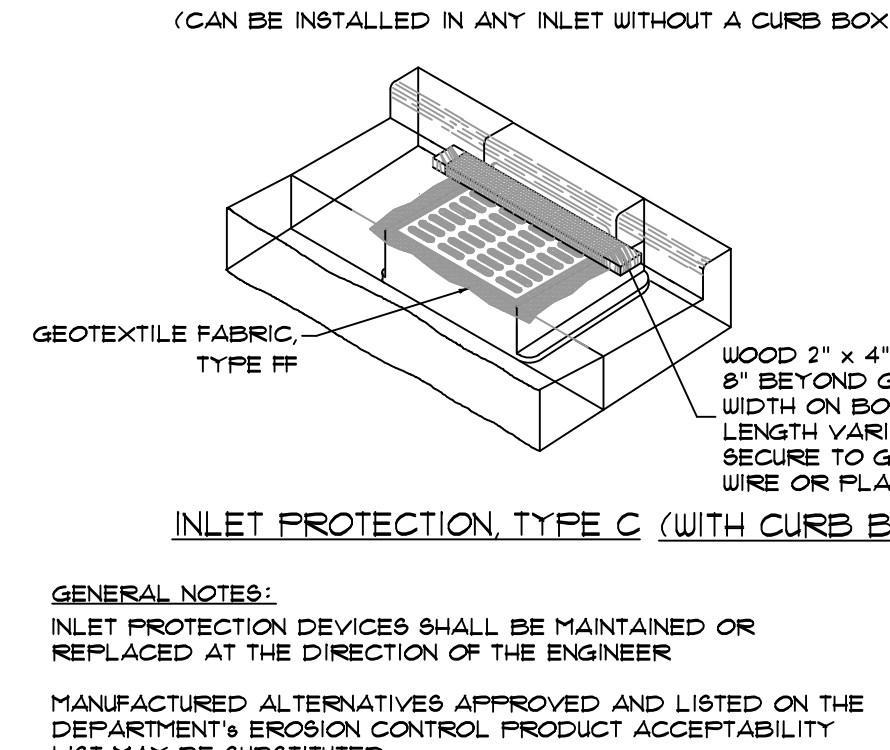
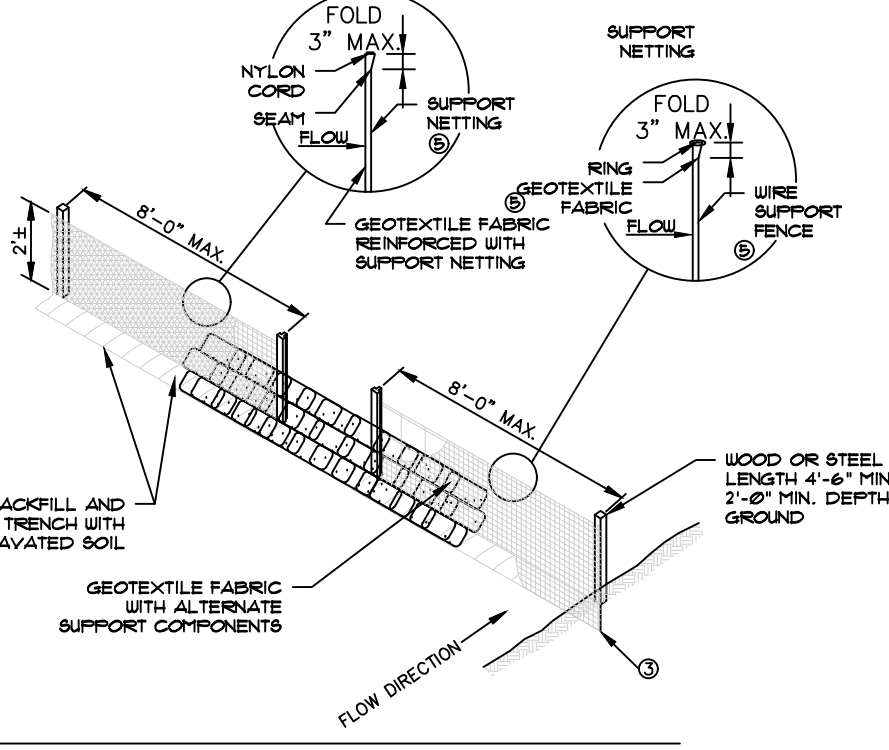
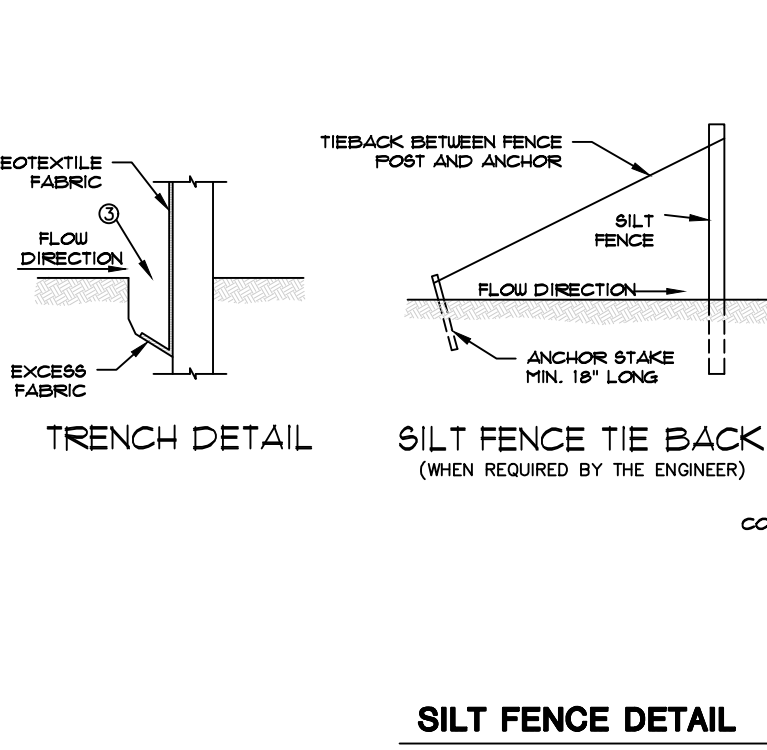
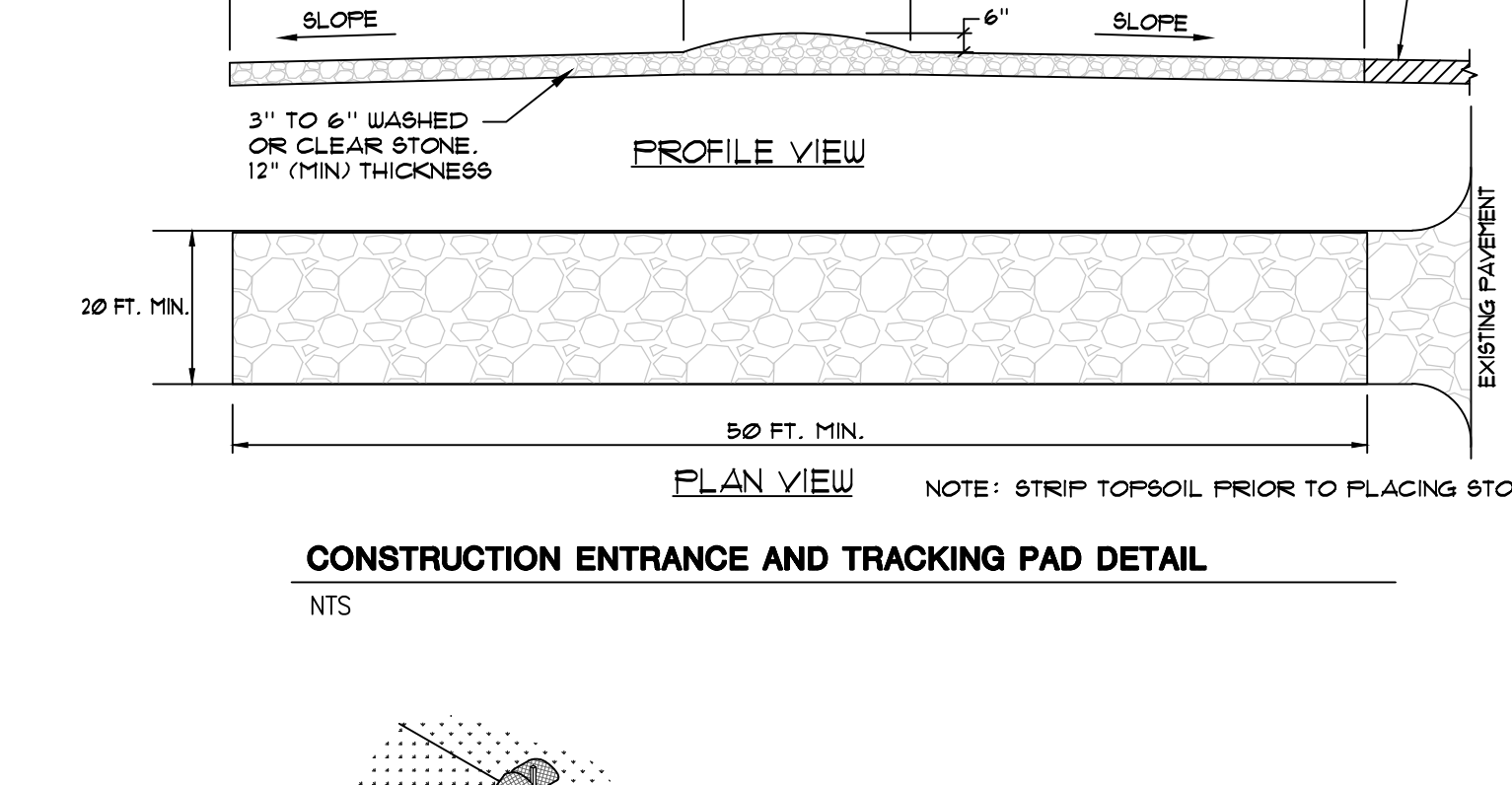
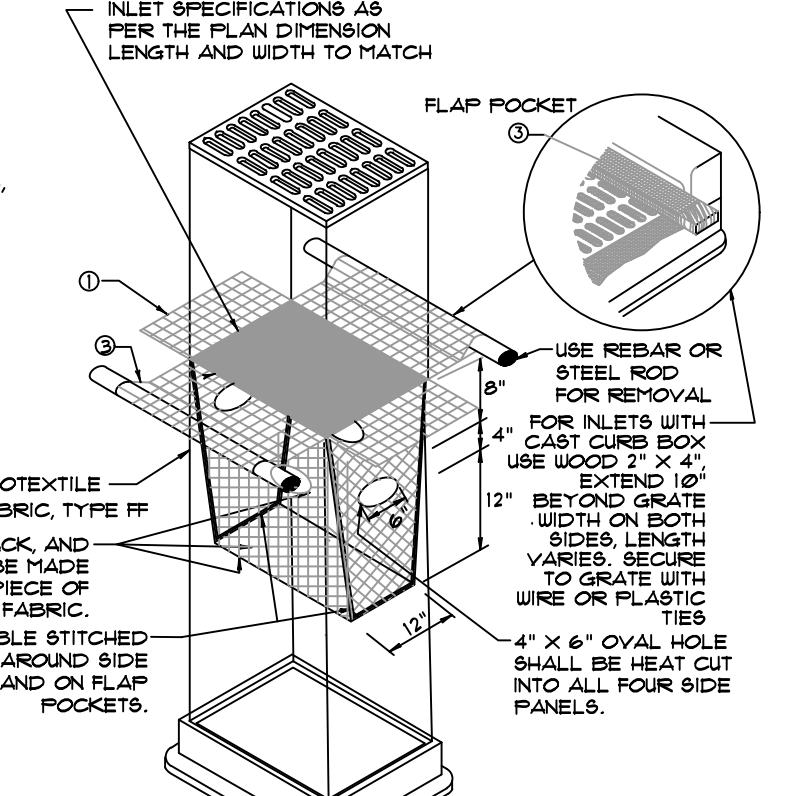
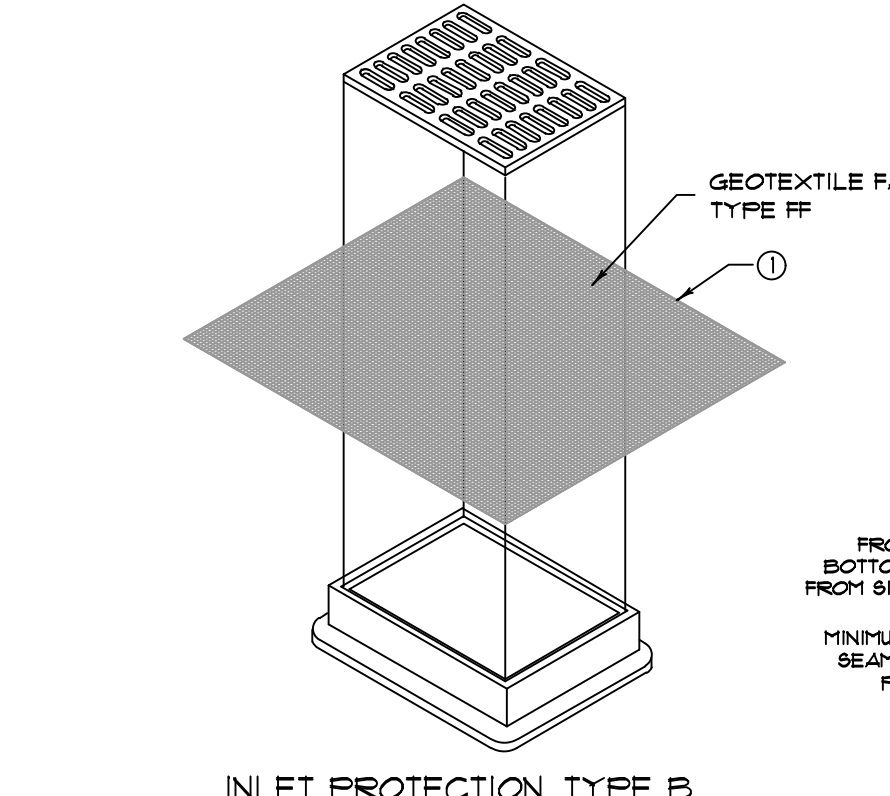
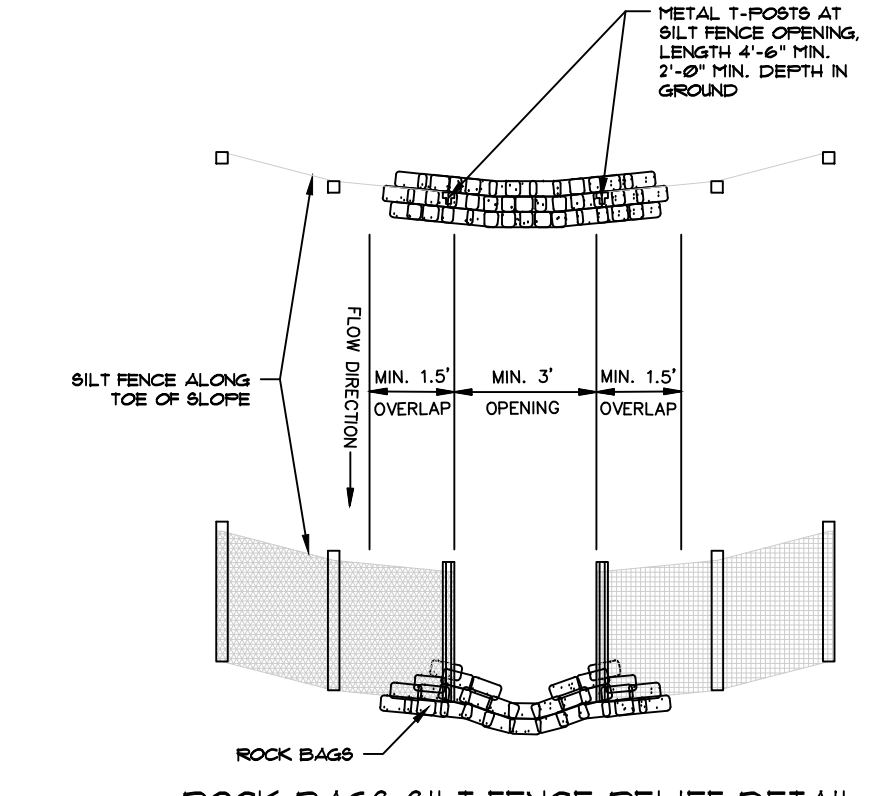
IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.



EROSION CONTROL NOTES AND PHASING

- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE ENGINEER AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
- CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- WHEN POSSIBLE, PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html
- INSTALL PERIMETER EROSION CONTROLS, (IF REQUIRED) AND TRACKOUT CONTROL PRACTICES PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD 1067 FOR TRACKOUT CONTROL AT CONSTRUCTION ENTRANCES (IF REQUIRED).
- INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.
- STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA, CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
- PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS TO GRM OR MORE.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DEWATERING #1071.
- INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
- REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS), LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
- INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS # 1071.
- IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL. IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER.
 - BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE.
 - OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE WDNRMUNICIPALITY. SEPARATE SWEEP MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES # 1068.
- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
- FOR NON-CHEANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES 4:1 OR GREATER (OR AS SHOWN ON THE PLAN), PROVIDE CLASS 1 TYPE A (WITH ACCELERATED DEGRADABLE NETTING) EROSION CONTROL MATTING. SELECT EROSION MATTING FROM WDOT'S "PRODUCT ACCEPTABILITY LIST" (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHEANNEL EROSION MAT #1052.
- FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS (OR AS SHOWN ON THE PLANS), PROVIDE NORTH AMERICAN GREEN SC150 (OR APPROVED EQUAL) EROSION CONTROL MATTING. INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
- MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.) OR AS DIRECTED BY WDNRMUNICIPALITY.

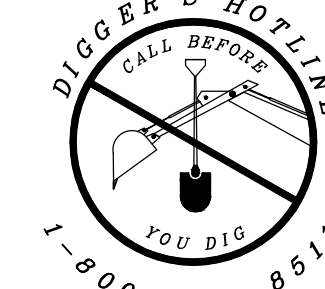
GENERAL NOTES:
 1. DETAIL OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERMIT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
 2. WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR JERSEYHOSE SHAPE, WITH THE ENDS POINTING UP-SLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.
 3. CROSS BRACE WITH 2" x 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.
 4. MINIMUM 14 GAUGE WIRE REQUIRED. FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.
 5. EXCAVATE A TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
 6. WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WIRE WITH A MAXIMUM MESH SPACING OF 4". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C.
 7. GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLY-PROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TROP SUPPORT CORD OR EQUIVALENT IS REQUIRED.
 8. STEEL PORTS SHALL BE BRIDGED "TIE" OR "U" TYPE WITH A MINIMUM HEIGHT OF 28 INCHES, (1) WITHOUT ANCHORS. FIN ANCHORS ADJACENT TO NEET PORT PORTS ARE REQUIRED. WOOD PORTS SHALL BE MINIMUM SIZE OF 4" DIA. OR 1-1/2" x 3-1/2" EXCEPT WOOD PORTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE A MINIMUM SIZE OF 1-1/8" x 1-1/8" OAK OR HICKORY.
 ALTERNATIVES A AND B ARE EQUAL AND EITHER MAY BE USED.
 NOTE: ADDITIONAL PORT DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.



INSTALLATION NOTES:
 TYPES B & C: TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE USING A DEIN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.
 TYPE D: DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS THAT OVERFLOW MORE THAN 30" MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE BETWEEN THE INLET WALLS AND THE BAG MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CATCH THE BAGS USING PLASTIC ZIP TIES TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM # 4" FROM THE BOTTOM OF THE BAGS.
GENERAL NOTES:
 INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
 MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
 WHEN REMOVING INLET PROTECTION CARE SHALL BE TAKEN SO THAT SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
 FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
 FOR INLET PROTECTION TYPE C WITH CURB BOX, AND ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
 FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

EROSION CONTROL LEGEND

SILT FILTER FENCE	
CONSTRUCTION ENTRANCE	
EROSION MAT	
DITCH CHECK	
INLET SEDIMENT GUARD	



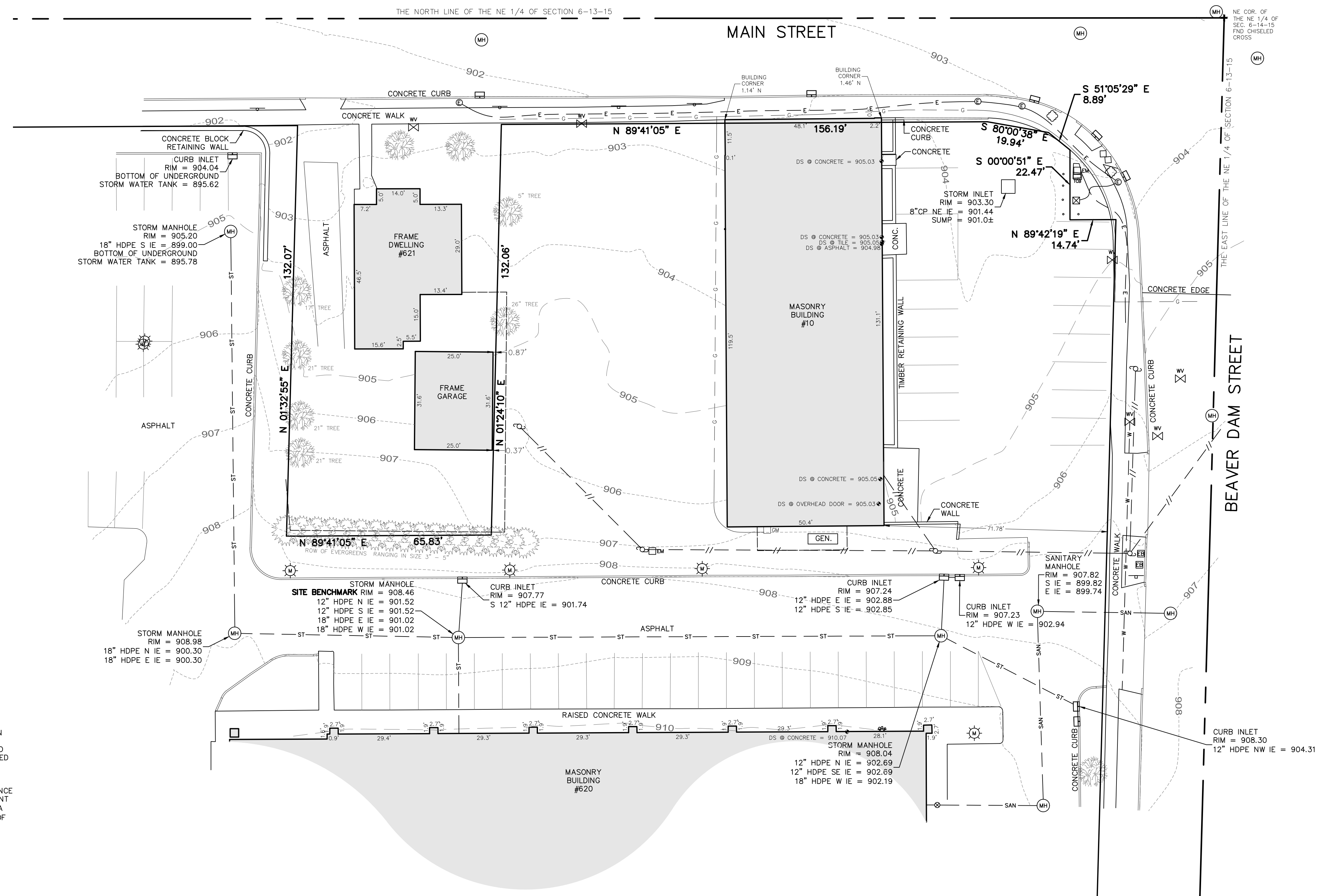
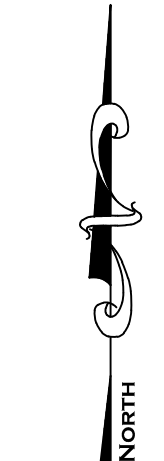
IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED 'ONE CALL SYSTEM' NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.

Revisions:

No.	Date:	Description:



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 220 REGENCY CT, STE. 210
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 Ph: (262) 786-6600
 Fax: (414) 786-6608
 WWW.CAPITOLSURVEY.COM



NOTES

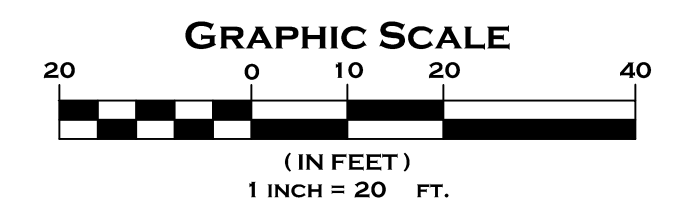
1. THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, ON INFORMATION FURNISHED BY THE UTILITY COMPANIES, DIGGERS HOTLINE AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
2. SUBJECT PROPERTY IS LOCATED WITHIN AN AREA HAVING A ZONE DESIGNATION X. AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN, PER INFORMATION FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP NO. 55027C0100F, WITH A DATE OF IDENTIFICATION OF 04/19/2010, IN COMMUNITY NO. 550108, CITY OF WAUPUN, WHICH IS THE COMMUNITY IN WHICH THE SUBJECT PROPERTY IS SITUATED.
3. SITE BENCHMARK - STORM MANHOLE RIM AS SHOWN HEREON.
4. ELEVATIONS BASED ON INFORMATION PROVIDED BY CLIENT.

SURVEY DATUM:
 COORDINATES ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM (WCSRS), DODGE COUNTY, NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT (NAD83(2011)).

LEGEND		
— SAN	— SANITARY SEWER	□ ELECTRIC TRANSFORMER
— ST	— STORM SEWER	□ ELECTRIC METER
— W	— WATER MAIN	□ ELECTRIC PEDESTAL
— G	— BURIED GAS LINE	□ ELECTRIC BOX AT GRADE
— TEL	— BURIED TELEPHONE LINE	□ TELEPHONE BOX AT GRADE
— FO	— BURIED FIBER OPTIC LINE	□ TELEPHONE PEDESTAL
— OUB	— OVERHEAD UTILITY LINES	□ TV PEDESTAL
— CATV	— BURIED CABLE TELEVISION LINES	□ GAS METER
— COMB	— COMBINATION SEWER	□ AIR CONDITIONER
— WOOD FENCE	— WOOD FENCE	□ UTILITY POLE
— METAL FENCE	— METAL FENCE	□ WOOD SIGN
— 94.32 DS	— DOOR SILL ELEVATION	□ METAL SIGN
— 46	— FIRE DEPARTMENT CONNECTION	□ BOLLARD
		□ BOLLARD LIGHT
		□ YARD LIGHT
		□ MAIL BOX
		□ FIBER OPTIC MARKER
		□ GUY WIRE
		□ HYDRANT
		□ WATER VALVE
		□ GAS VALVE
		□ MANHOLE
		□ CATCH BASIN
		□ CURB INLET
		□ METAL LIGHT POLE
		□ CONCRETE LIGHT POLE
		□ WOOD LIGHT POLE
		□ MAIL BOX
		□ FIBER OPTIC MARKER
		□ GUY WIRE

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NOTE: SURVEY COMPLETED BY CAPITOL SURVEY ENTERPRISES. THE ENGINEER MAKES NO WARRANTY OR REPRESENTATION WITH REFERENCE TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS INDICATED OR NOT INDICATED ON THE ENGINEERING PLANS PROVIDED.

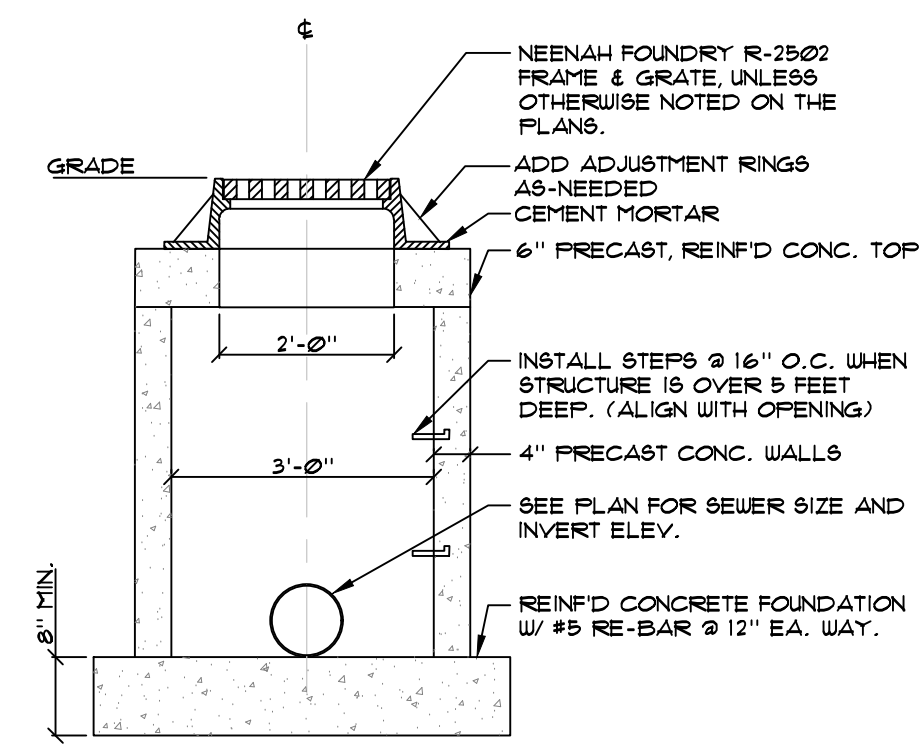
EXISTING CONDITIONS SURVEY
 FOR
WAUPUN MEMORIAL HOSPITAL
 620 W BROWN STREET
 WAUPUN, WI

DRAWN BY:	RAP	DATE:	8/30/2022
CHECKED BY:	MJB	DRAWING No.	EC - 0
CSE JOB No.:	22 - 064	SHEET	1 OF 1

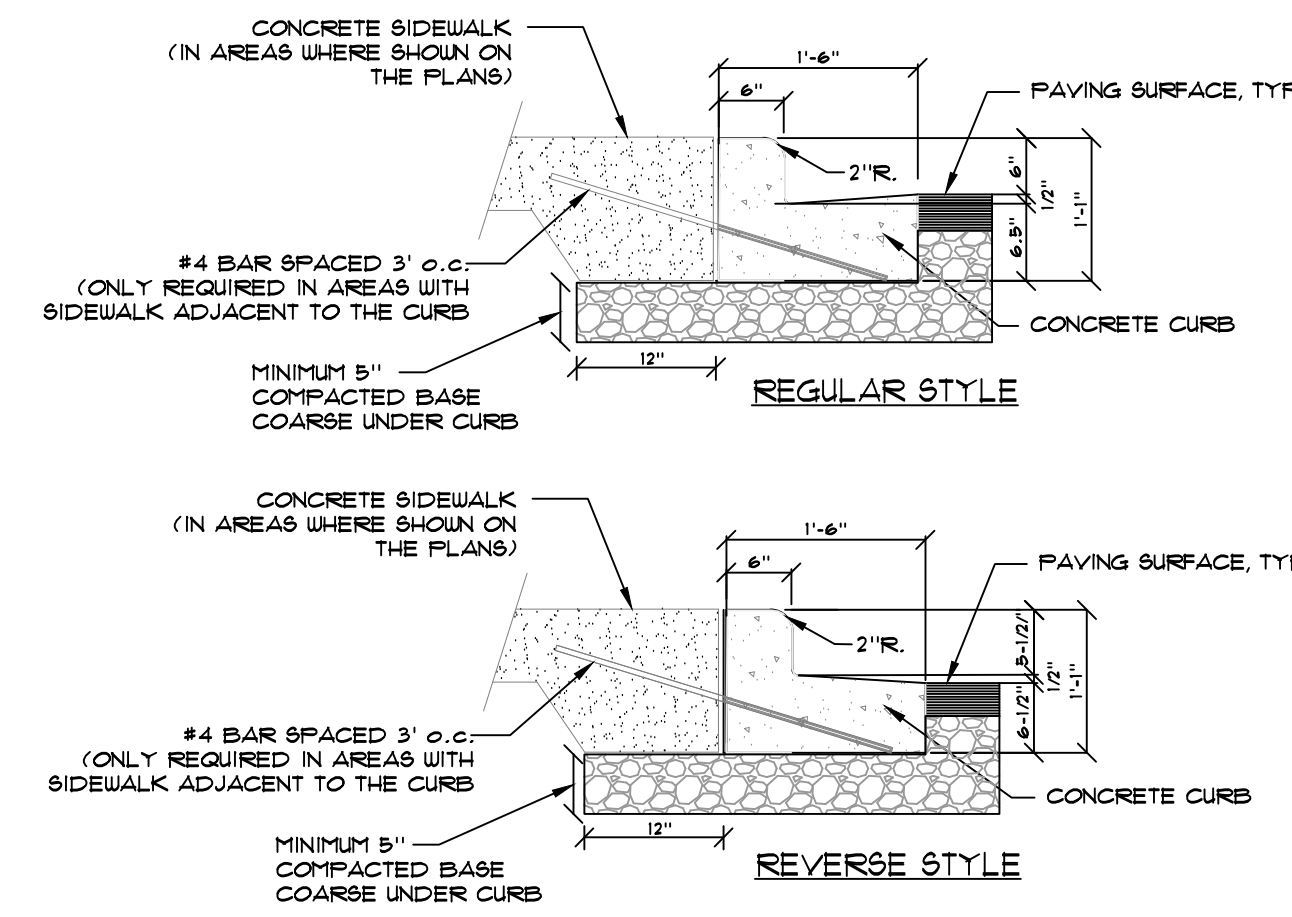
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Revisions:

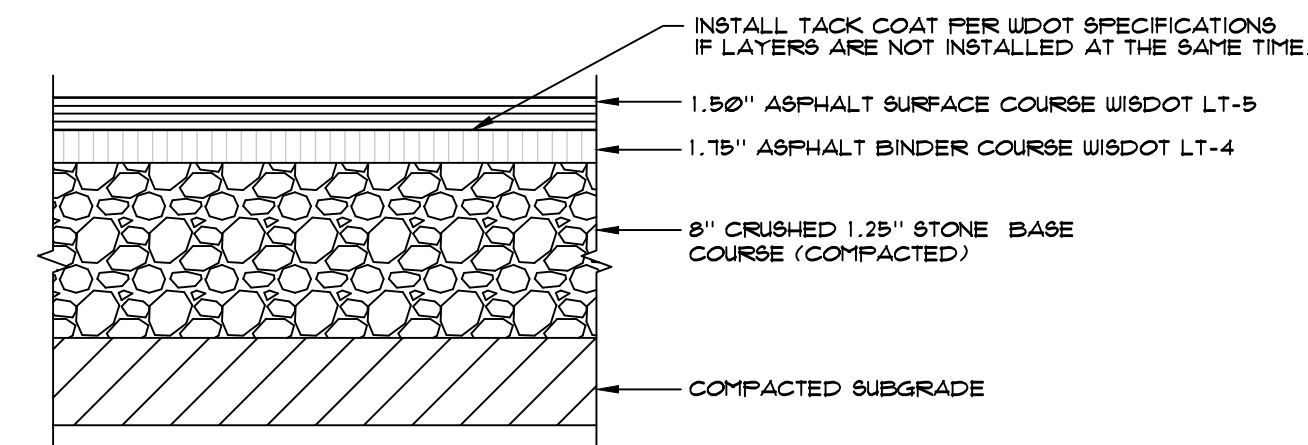
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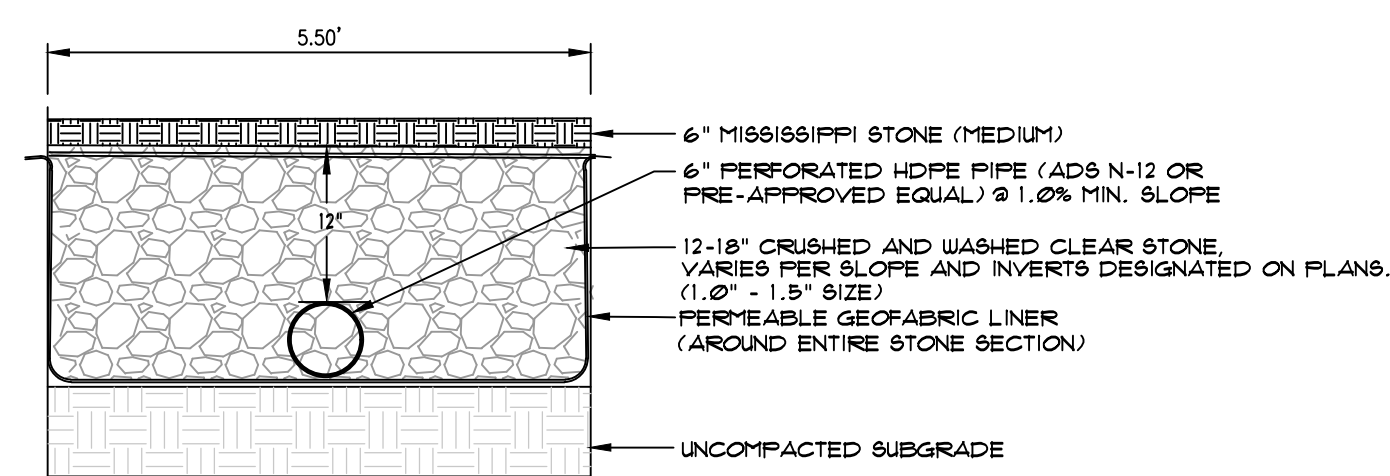
01 STORM INLET DETAIL
NTS



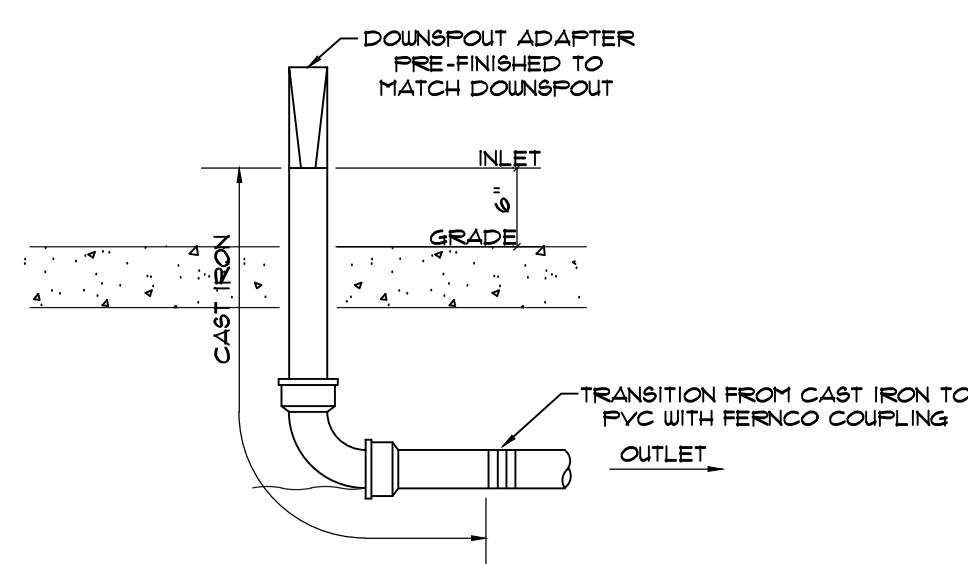
02 18 INCH CURB AND GUTTER
NTS



03 REGULAR DUTY ASPHALT PAVEMENT
NTS



04 UNDERDRAIN DETAIL
NTS



05 DOWNSPOUT DETAIL
NTS

Revisions:

No.	Date	Description