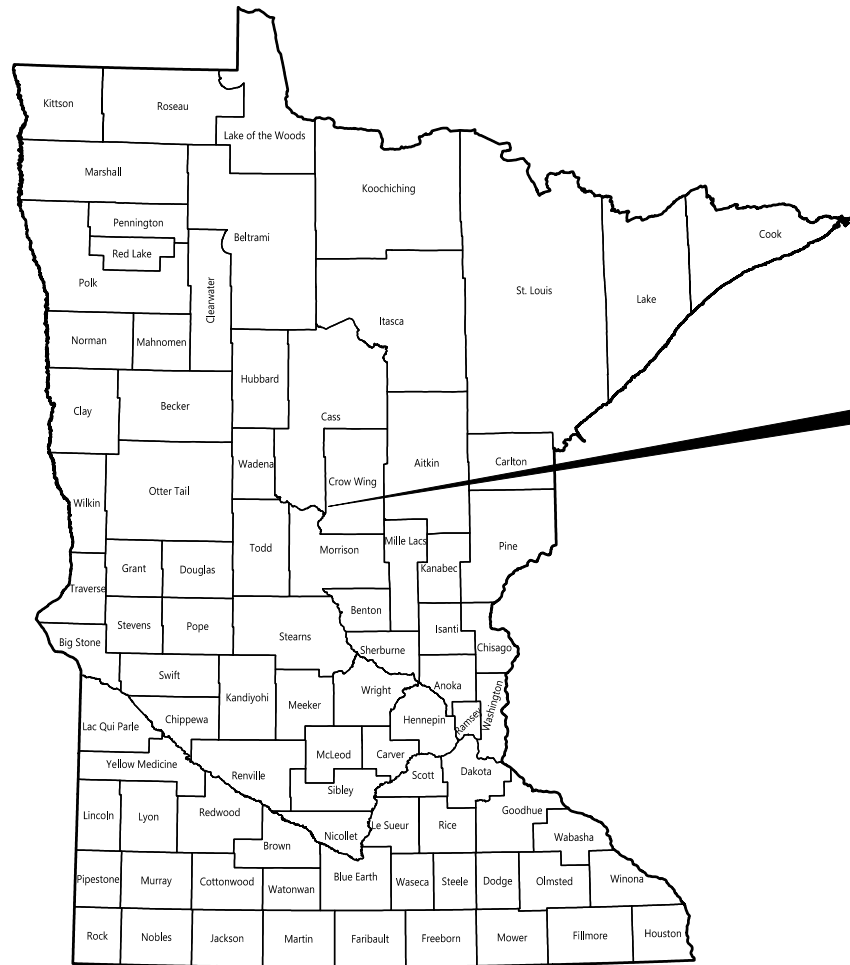


BELL BANK

BAXTER, MN
JULY 2026



PROJECT LOCATION
CITY OF BAXTER, CROW WING COUNTY, MINNESOTA



PROJECT LEGEND

PROJECT AREA(S)

SHEET INDEX TABLE	
SHEET NUMBERS	SHEET TITLE
C1.01	TITLE SHEET
C1.02	LEGEND SHEET
C2.01	TRAFFIC CONTROL PLAN
C3.01 - C3.06	DETAILS
C4.01	DEMOLITION PLAN
C5.01	SITE PLAN
C6.01 - C6.03	UTILITY PLAN
C7.01	SWPPP NARRATIVE
C8.01	GRADING PLAN
C9.01	PLAN & PROFILE
C10.01	EROSION CONTROL PLAN
THIS PLAN CONTAINS <u>18</u> SHEETS	

MAP SOURCE & YEAR: 2022 - MAP SOURCE: "W:\GIS\MN\Counties\Crow_Wing\Imagery\Pictometry\2022\6INCH\Crow_2022_6in_Baxter_Brainerd.sid.xml"
MAP DESCRIPTION: PARTIAL MAP OF BAXTER, CROW WING COUNTY, MINNESOTA

THIS PLAN SET CONTAINS COLOR GRAPHICS. BLACK AND WHITE PRINTS ARE NOT OFFICIAL SIGNED DOCUMENTS.

WIDSETH

ARCHITECTS • ENGINEERS • SCIENTISTS • SURVEYORS

DRAWN BY:
DML

CHECKED BY:
CJD

CHRISTOPHER J. DAHN

LIC. NO.: 58628

DATE: 07/09/2026

DATE	REV#	REVISIONS DESCRIPTION

BELL BANK

TITLE SHEET

C1.01

PROJECT #: 2026-10710

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SURVEY MONUMENTS - FOUND

- FOUND CAST IRON MONUMENT
- FOUND CONTROL POINT
- FOUND IRON PIPE
- FOUND JUDICIAL LAND MONUMENT
- FOUND LATH

SURVEY MONUMENTS - STAKED

- BENCHMARK
- STAKED CAST IRON MONUMENT
- STAKED CONTROL POINT
- STAKED IRON PIPE
- STAKED JUDICIAL LAND MONUMENT

PROPERTY LINEWORK

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- RIGHT-OF-WAY LINE
- EASEMENT LINE
- DESCRIPTION LINE
- DEEDED LOT LINE
- PLATTED LOT LINE
- BOUNDARY LINE
- SUBDIVISION LINE
- SETBACK LINE

TOPOGRAPHIC INFORMATION - EXISTING

- 1230 MAJOR CONTOURS
- 1234 MINOR CONTOURS
- + 1234.56 SPOT ELEVATION

TOPOGRAPHIC INFORMATION - PROPOSED

- 1230 MAJOR CONTOURS (WITH LABEL)
- 1234 MINOR CONTOURS (WITH LABEL)
- 1234.56 SPOT ELEVATION
- + -1.23% SLOPE - PERCENT
- 1:2 SLOPE - RISE : RUN
- TBC: 1234.56 / FLW: 1234.06 SPOT ELEVATIONS @ CURB (TBC: TOP BACK CURB / FLW: CURB FLOWLINE)
- +1.23, -3.21 SPOT ELEVATIONS, CUT/FILL (GREEN: FILL DEPTH / RED: CUT DEPTH)

VEGETATION SYMBOLS - EXISTING

- SHRUB
- STUMP
- TREE - CONIFEROUS
- TREE - DECIDUOUS
- WETLAND

VEGETATION LINEWORK - EXISTING

- EDGE OF WOODS
- EDGE OF WETLANDS

VEGETATION SYMBOLS - PROPOSED

- SHRUB
- TREE - CONIFER
- TREE - DECIDUOUS

VEGETATION LINEWORK - PROPOSED

- EDGE OF WOODS

ROADWAY/PAVEMENT LINEWORK - EXISTING

- BITUMINOUS SURFACE
- CONCRETE SURFACE
- CURB & GUTTER
- GRAVEL SURFACE
- ROADWAY/DRIVE/TRAIL CENTERLINE

ROADWAY/PAVEMENT LINEWORK - PROPOSED

- BITUMINOUS SURFACE
- CONCRETE SURFACE
- CURB & GUTTER
- GRAVEL SURFACE
- ROADWAY/DRIVE/TRAIL CENTERLINE

SITE SYMBOLS - EXISTING

- FENCE POST
- FLAG POLE
- GUARD POST (BOLLARD)
- GUY POLE
- GUY WIRE ANCHOR
- ACCESSIBLE PARKING MARKING
- MAILBOX
- SIGN - DOUBLE POST
- SIGN - SINGLE
- SIGN - FIRE #

SITE LINEWORK - EXISTING

- BUILDING
- BARB WIRE FENCE
- CHAINLINK FENCE
- WOOD FENCE
- RAILROAD
- RETAINING WALL

SITE SYMBOLS - PROPOSED

- FENCE POST
- FLAG POLE
- GUARD POST (BOLLARD)
- GUY POLE
- GUY WIRE ANCHOR
- MAILBOX
- SIGN - DOUBLE POST
- SIGN - FIRE #
- SIGN - SINGLE

SITE LINEWORK - PROPOSED

- BUILDING
- FENCE - BARB WIRE
- FENCE - CHAINLINK
- FENCE - WOOD
- RETAINING WALL

COMMUNICATION/TELECOM UTILITY SYMBOLS - EXISTING

- TELECOM HANDHOLE
- TELECOM MANHOLE
- TELECOM PEDESTAL
- TELECOM POLE
- TV HANDHOLE
- TV PEDESTAL
- SATELLITE DISH

COMMUNICATION/TELECOM UTILITY LINEWORK - EXISTING

- UNDERGROUND FIBER OPTIC LINE
- OVERHEAD TELEPHONE LINE
- UNDERGROUND TELEPHONE LINE
- OVERHEAD TV LINE
- UNDERGROUND TV LINE

COMMUNICATION/TELECOM UTILITY SYMBOLS - PROPOSED

- TELECOM HANDHOLE
- TELECOM MANHOLE
- TELECOM PEDESTAL
- TELECOM POLE
- TV HANDHOLE
- TV PEDESTAL
- SATELLITE DISH

COMMUNICATION/TELECOM UTILITY LINEWORK - PROPOSED

- UNDERGROUND FIBER OPTIC LINE
- UNDERGROUND TELEPHONE LINE
- OVERHEAD TV LINE
- UNDERGROUND TV LINE

ELECTRICAL UTILITY SYMBOLS - EXISTING

- AC UNIT
- GENERATOR
- GROUND LIGHT (FLOODLIGHT)
- ELECTRIC HANDHOLE
- LIGHT POLE
- ELECTRIC MANHOLE
- ELECTRIC METER
- ELECTRIC PEDESTAL
- ELECTRIC POLE
- TRAFFIC SIGNAL
- TRANSFORMER
- YARD LIGHT

ELECTRICAL UTILITY LINEWORK - EXISTING

- OVERHEAD ELECTRIC LINE
- UNDERGROUND ELECTRIC LINE

ELECTRICAL UTILITY SYMBOLS - PROPOSED

- AC UNIT
- GENERATOR
- GROUND LIGHT (FLOODLIGHT)
- ELECTRIC HANDHOLE
- LIGHT POLE
- ELECTRIC MANHOLE
- ELECTRIC METER
- ELECTRIC PEDESTAL
- ELECTRIC POLE
- TRAFFIC SIGNAL
- TRANSFORMER
- YARD LIGHT

ELECTRICAL UTILITY LINEWORK - PROPOSED

- OVERHEAD ELECTRIC LINE
- UNDERGROUND ELECTRIC LINE

NATURAL GAS UTILITY SYMBOLS - EXISTING

- NATURAL GAS METER
- NATURAL GAS VALVE
- PROPANE TANK

NATURAL GAS UTILITY LINEWORK - EXISTING

- NATURAL GAS LINE

NATURAL GAS UTILITY SYMBOLS - PROPOSED

- NATURAL GAS METER
- NATURAL GAS VALVE
- PROPANE TANK

NATURAL GAS UTILITY LINEWORK - PROPOSED

- NATURAL GAS LINE

SANITARY SEWER SYMBOLS - EXISTING

- SANITARY AIR RELEASE MANHOLE
- SANITARY CLEANOUT
- LIFT STATION WET WELL
- LIFT STATION VALVE VAULT
- SANITARY MANHOLE
- SANITARY VALVE (FORCEMAIN)

SANITARY SEWER LINEWORK - EXISTING

- SANITARY FORCE MAIN
- SANITARY GRAVITY MAIN
- SANITARY SERVICE LINE

SANITARY SEWER SYMBOLS - PROPOSED

- SANITARY AIR RELEASE MANHOLE
- SANITARY CLEANOUT
- LIFT STATION WET WELL
- LIFT STATION VALVE VAULT
- SANITARY MANHOLE
- SANITARY VALVE (FORCEMAIN)

SANITARY SEWER LINEWORK - PROPOSED

- SANITARY FORCE MAIN
- SANITARY GRAVITY MAIN
- SANITARY SERVICE LINE

STORM SEWER SYMBOLS - EXISTING

- STORM SEWER CATCH BASIN
- STORM SEWER CLEANOUT
- CULVERT APRON
- STORM SEWER INLET STRUCTURE
- STORM SEWER MANHOLE

STORM SEWER LINEWORK - EXISTING

- STORM SEWER GRAVITY MAIN
- STORM SEWER DRAINTILE

STORM SEWER SYMBOLS - PROPOSED

- STORM SEWER CATCH BASIN
- STORM SEWER CLEANOUT
- STORM SEWER INLET STRUCTURE
- STORM SEWER MANHOLE

STORM SEWER LINEWORK - PROPOSED

- STORM SEWER GRAVITY MAIN
- STORM SEWER DRAINTILE

WATER SYMBOLS - EXISTING

- CURB STOP
- WATER HANDHOLE
- FIRE HYDRANT
- YARD HYDRANT
- WATER MANHOLE
- WATER METER
- WATER MAIN VALVE
- WATER WELL

WATER LINEWORK - EXISTING

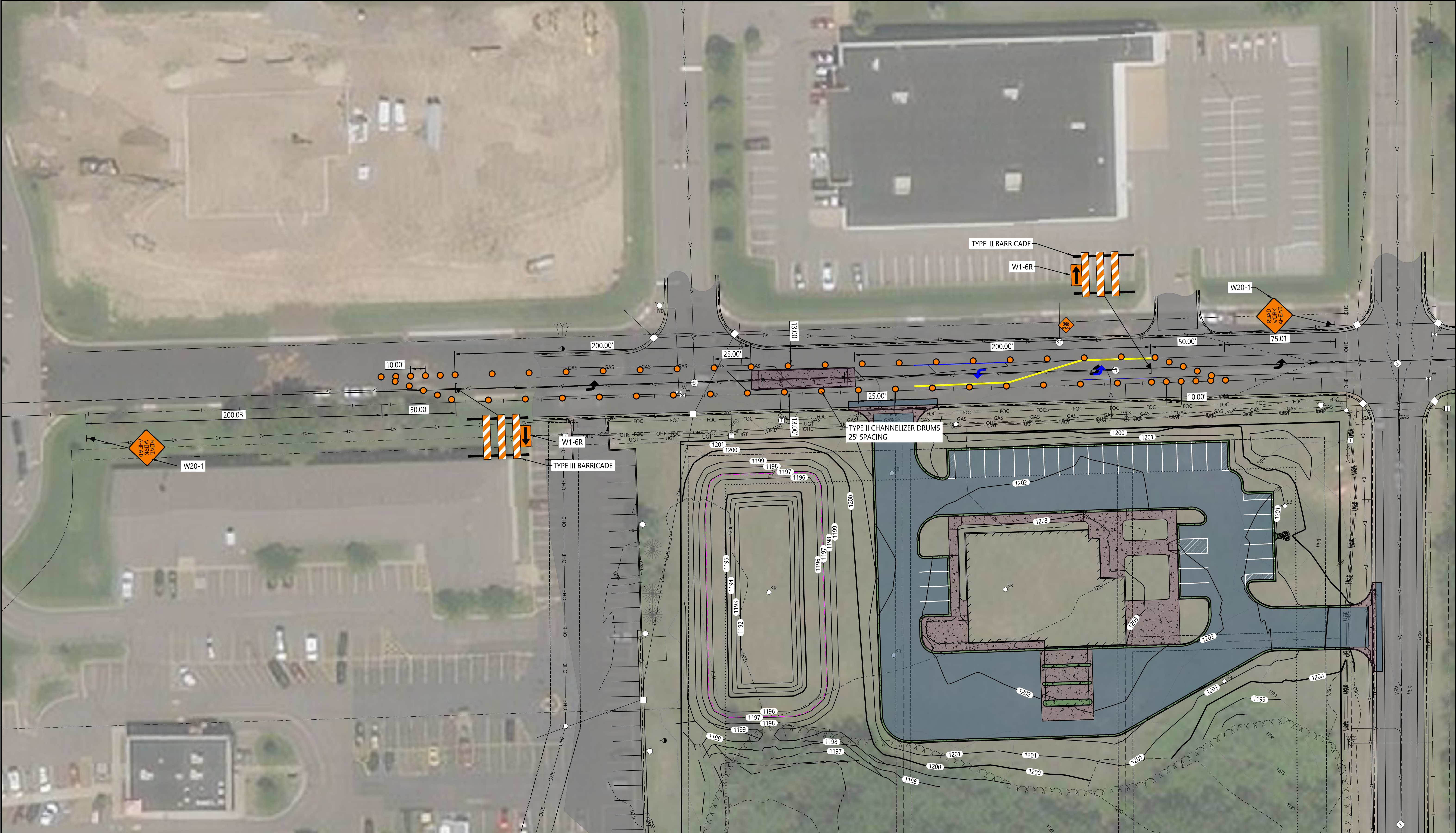
- WATER MAIN LINE
- WATER SERVICE LINE

WATER SYMBOLS - PROPOSED

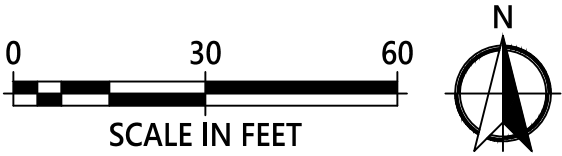
- CURB STOP
- HANDHOLE
- HYDRANT
- YARD HYDRANT
- MANHOLE
- WATER METER
- WATER MAIN VALVE
- WATER WELL

WATER LINEWORK - PROPOSED

- WATER MAIN PIPE
- WATER SERVICE PIPE



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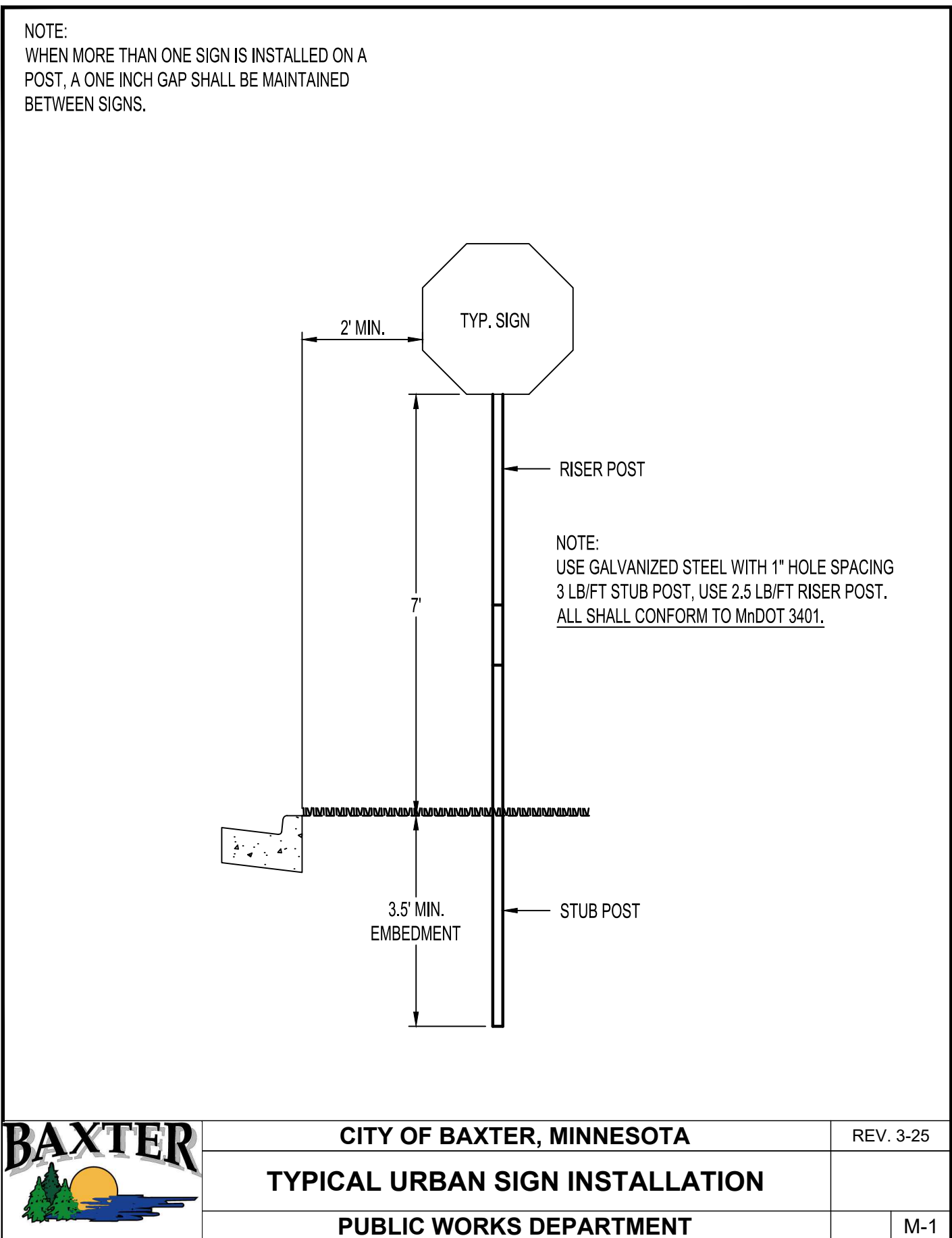
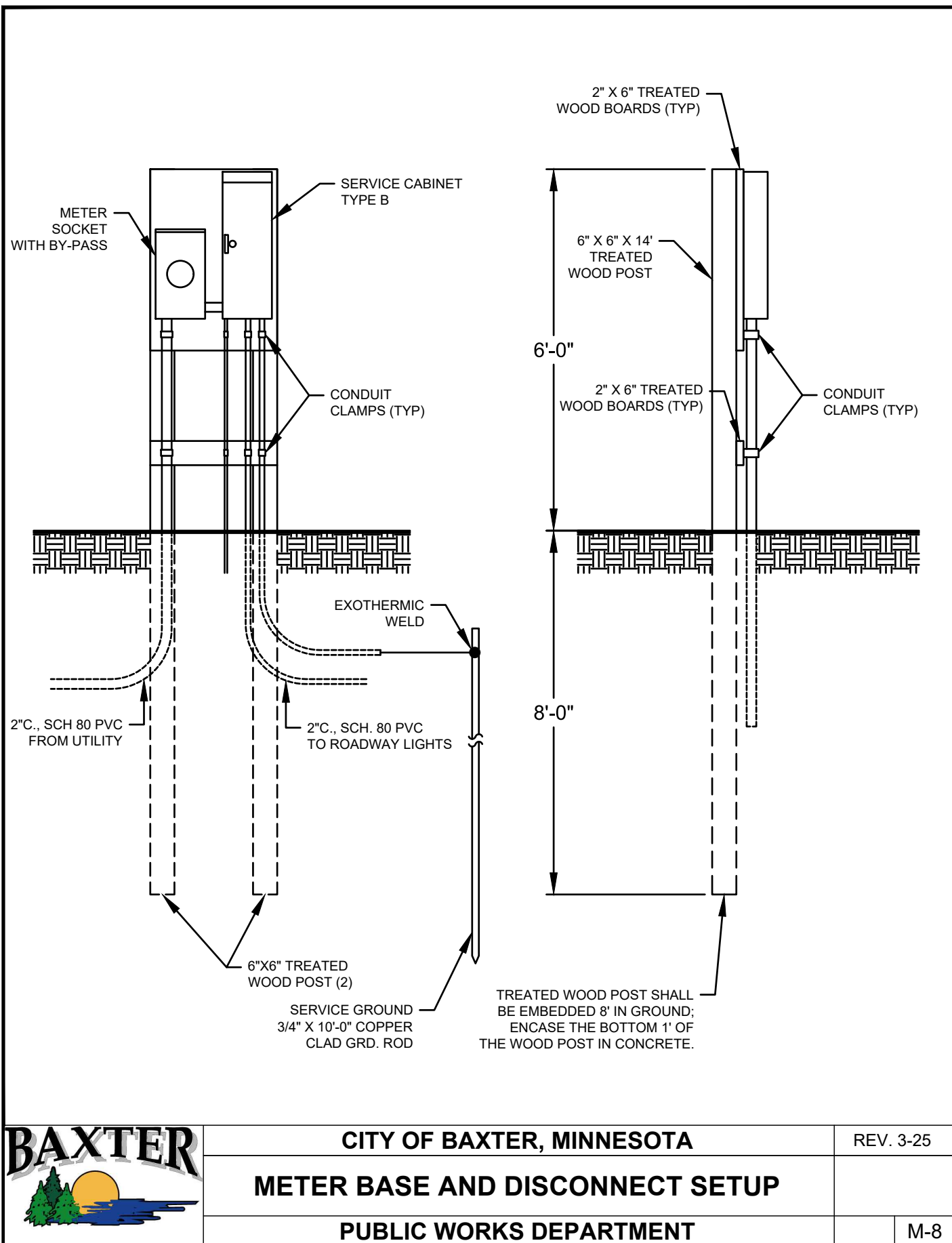
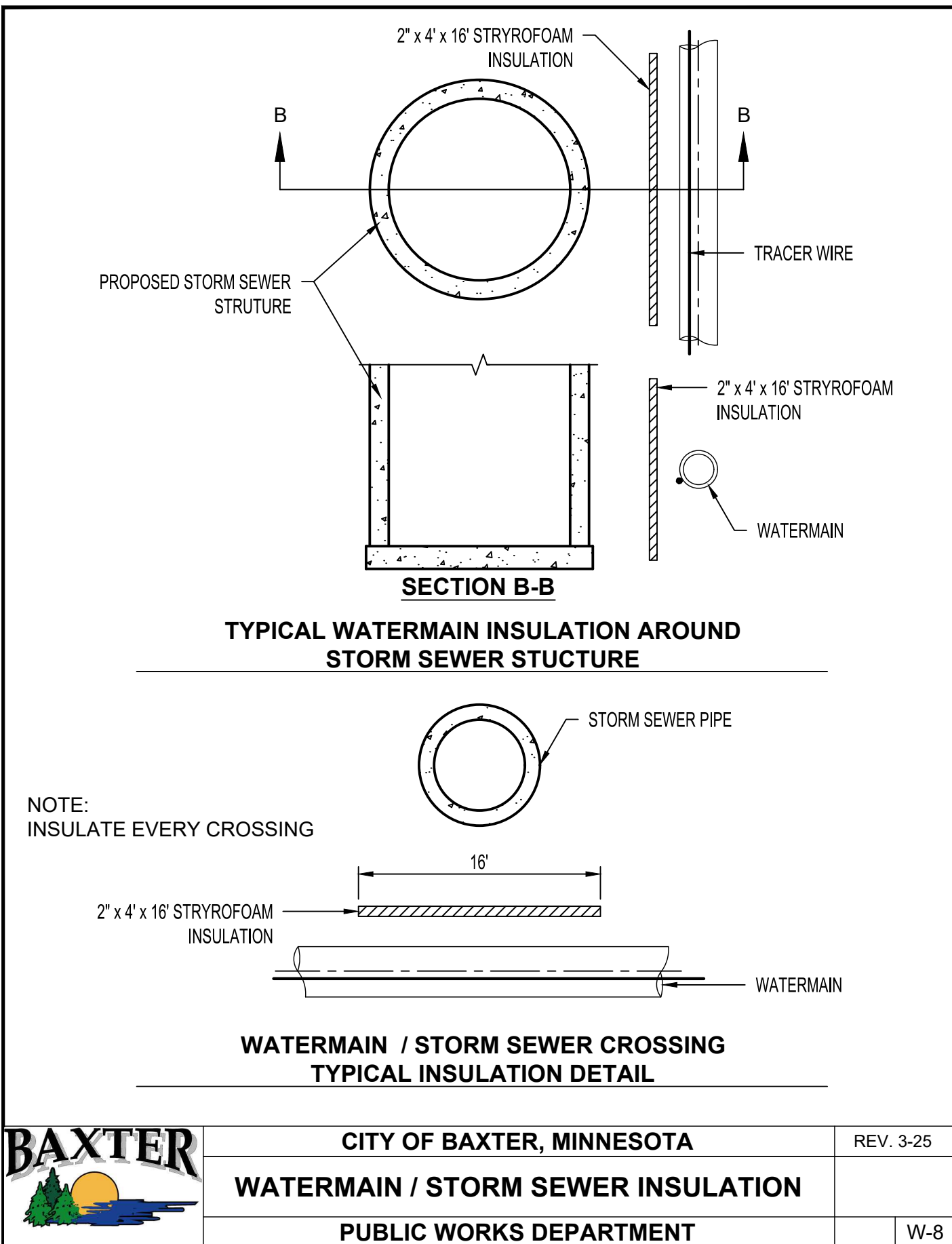
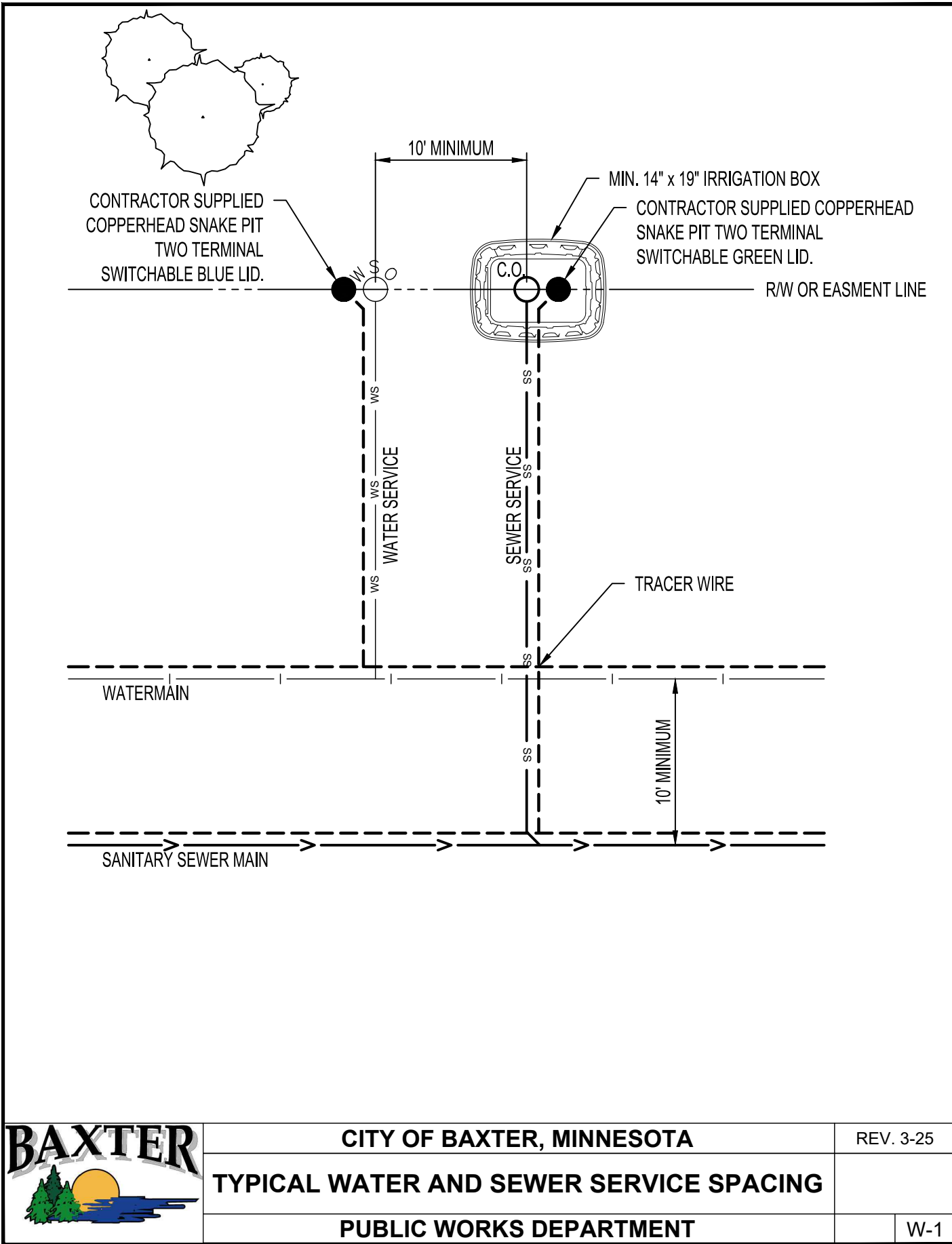
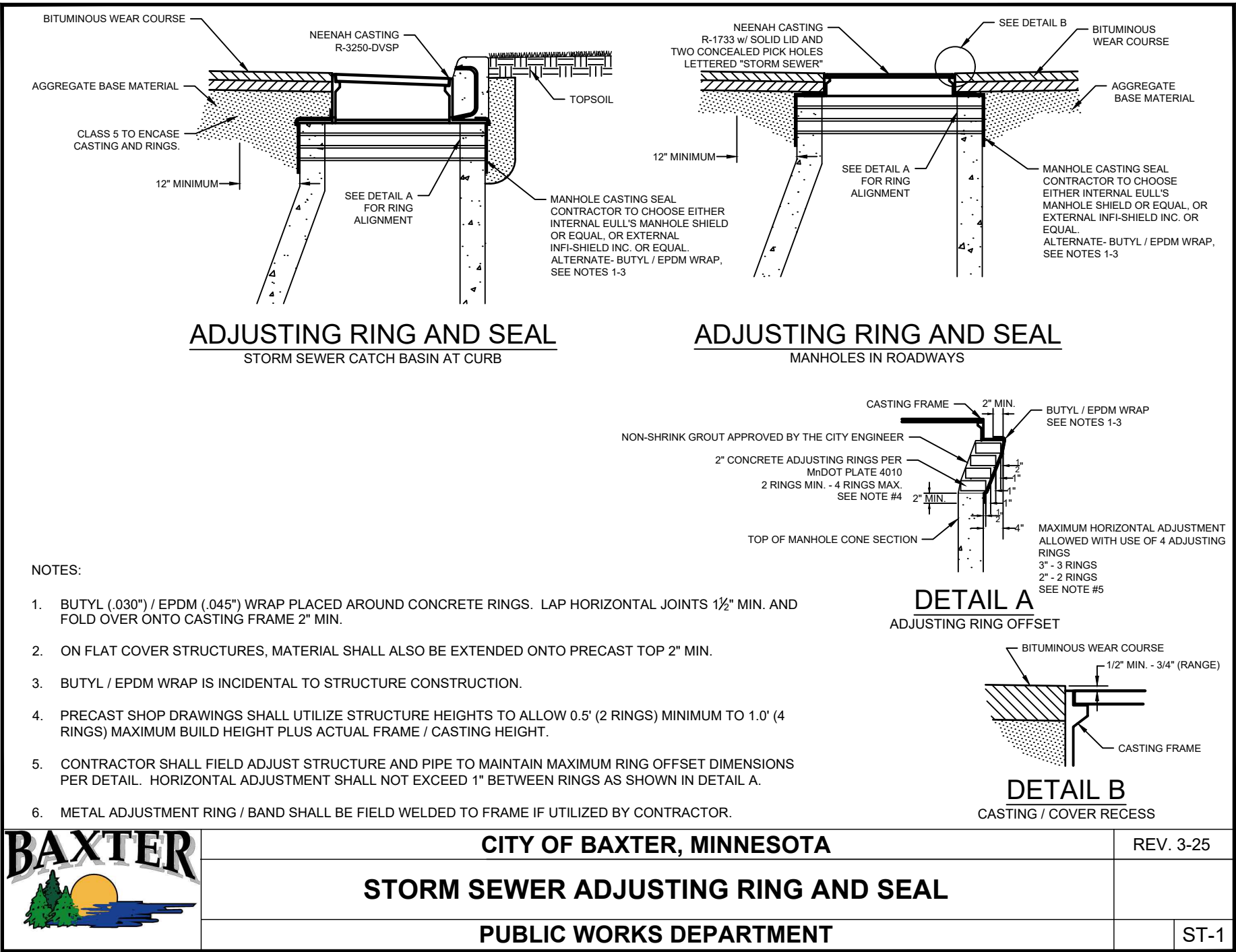
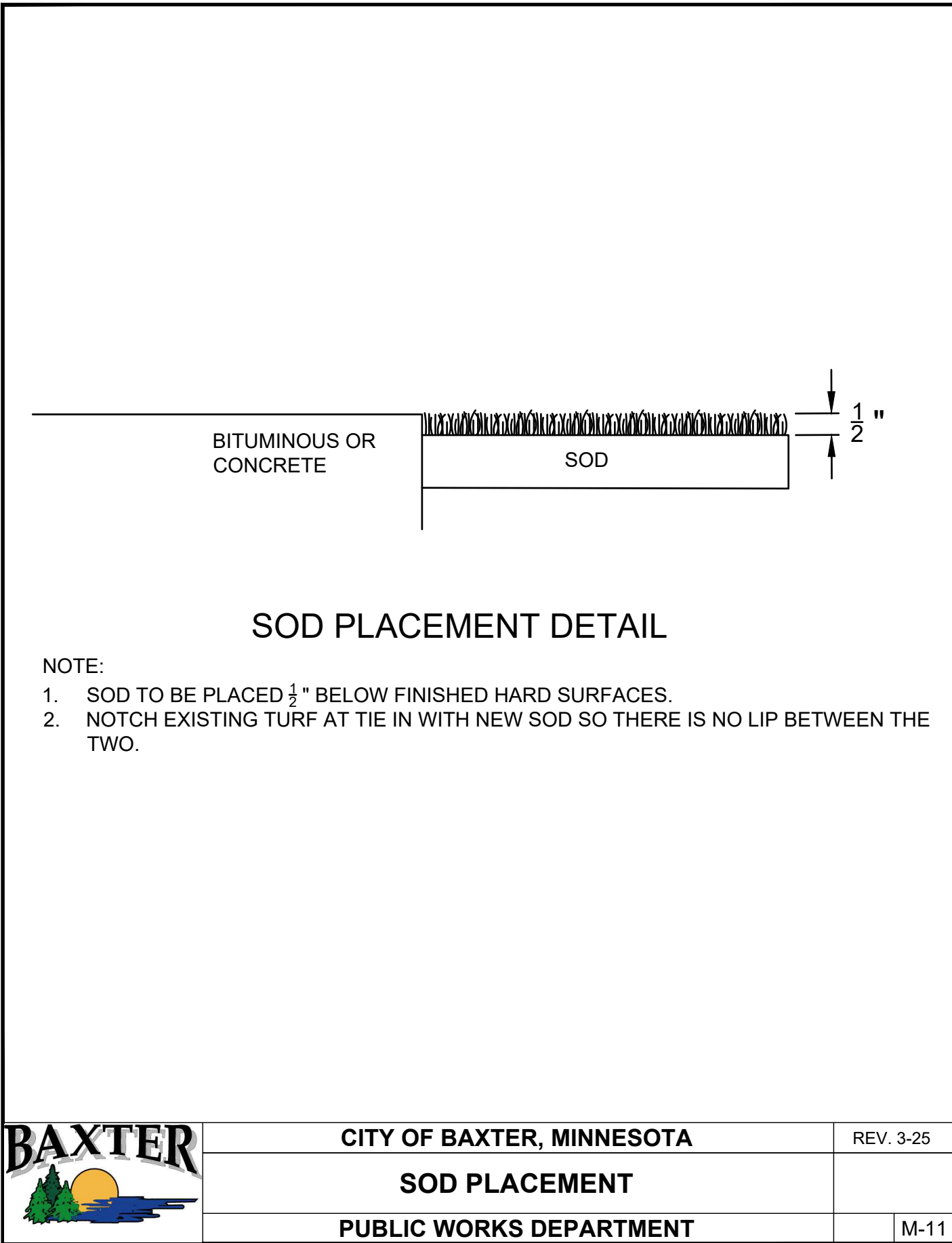
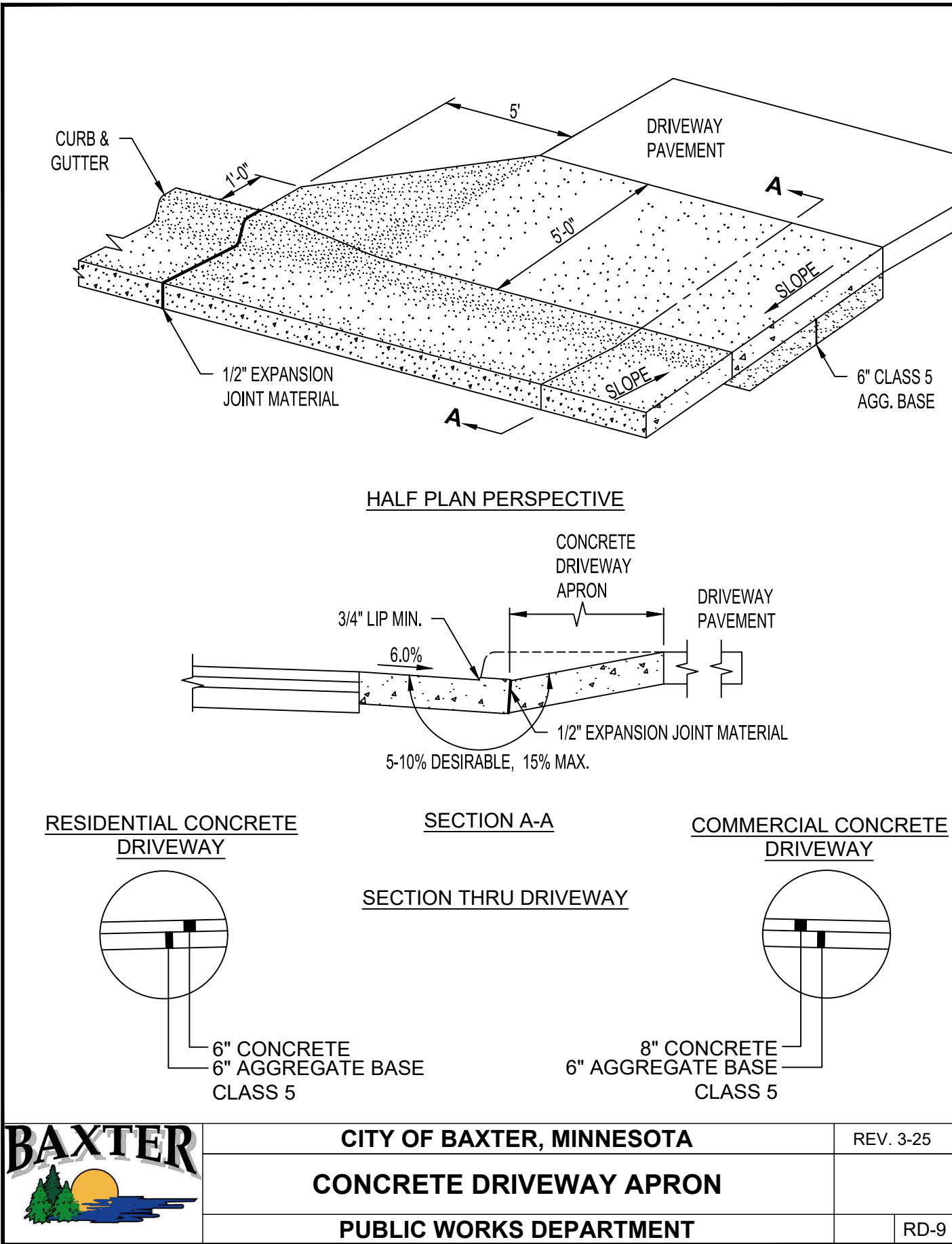
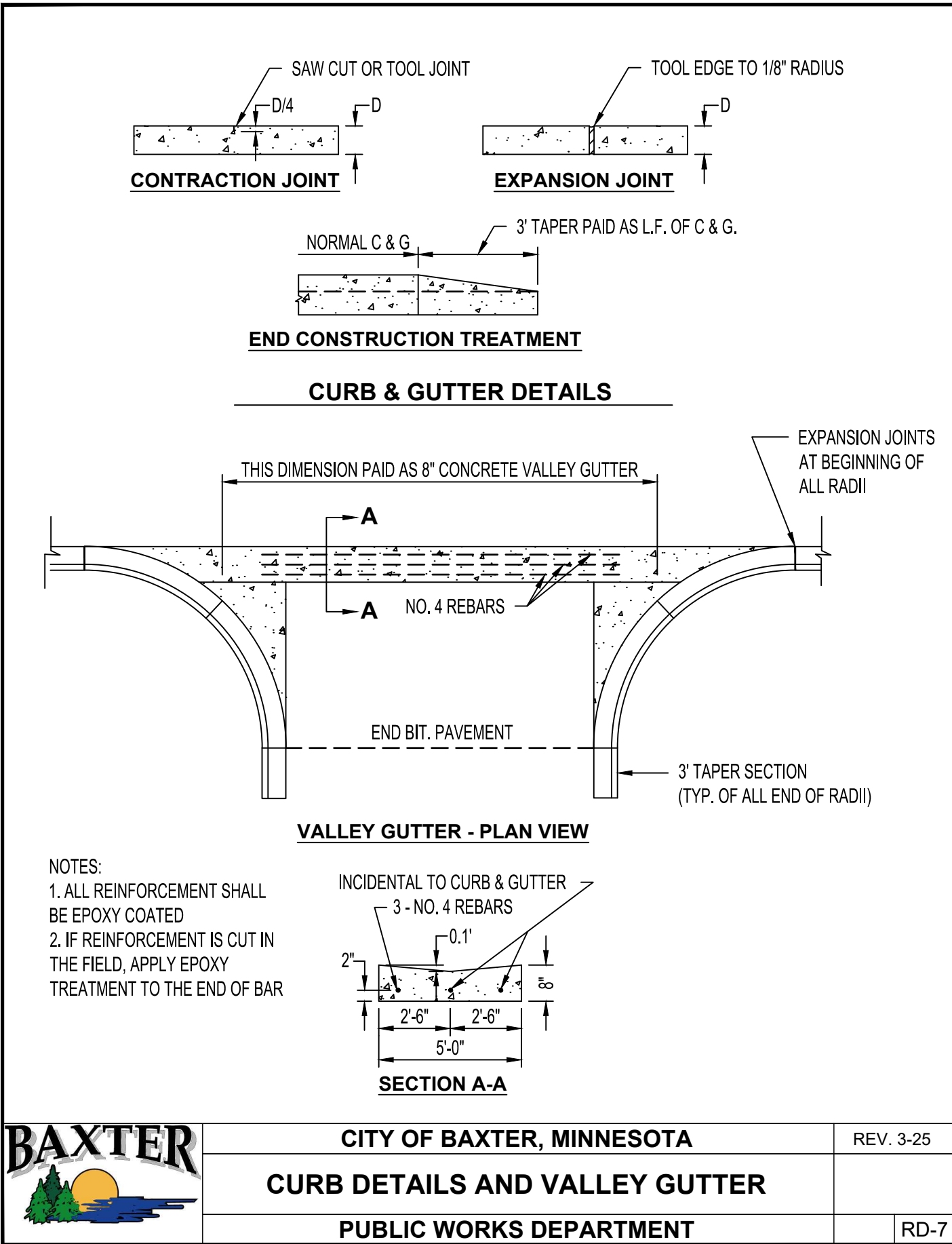
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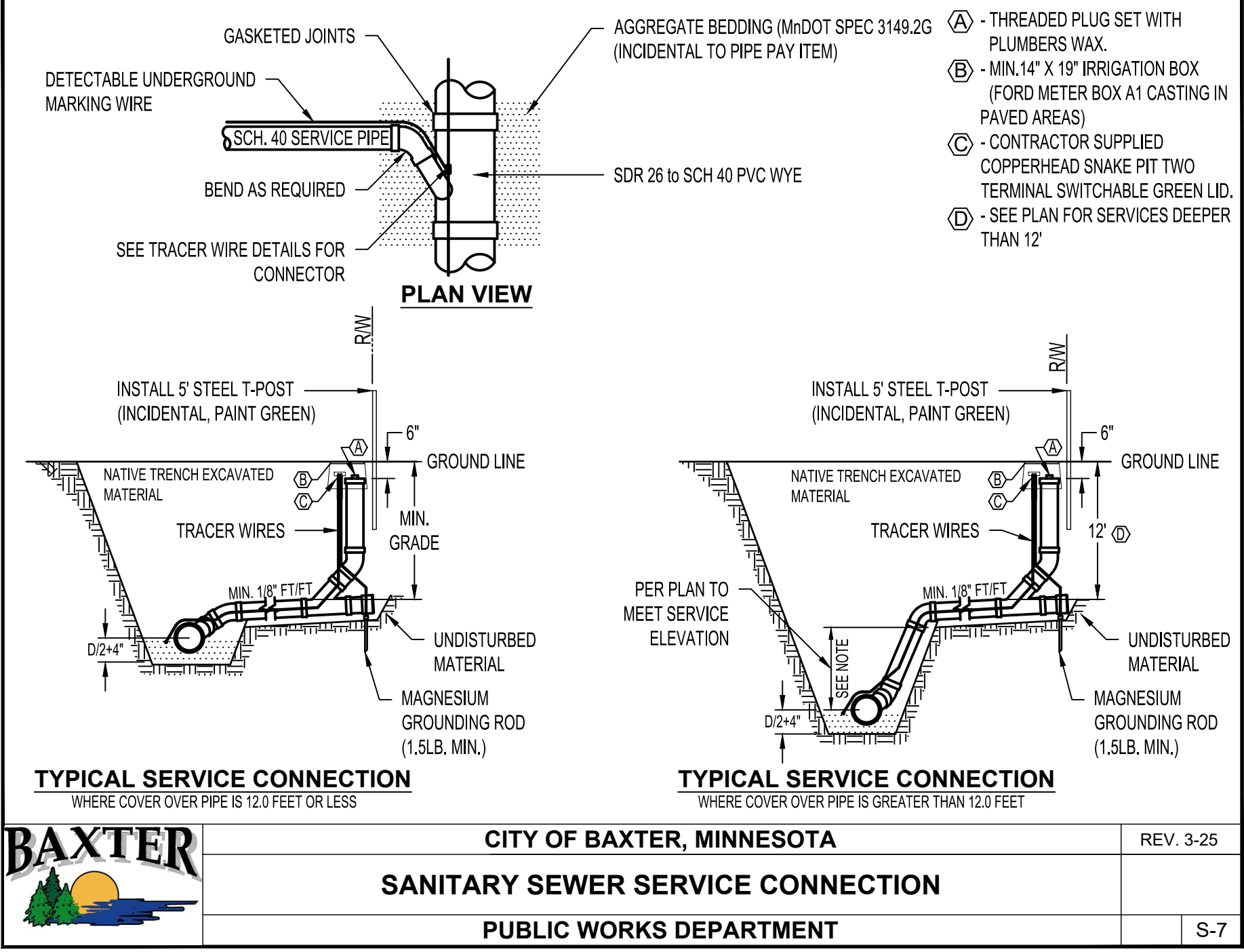
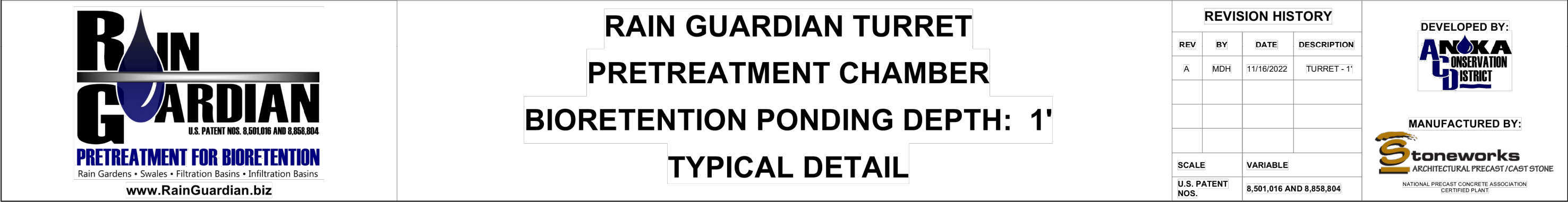
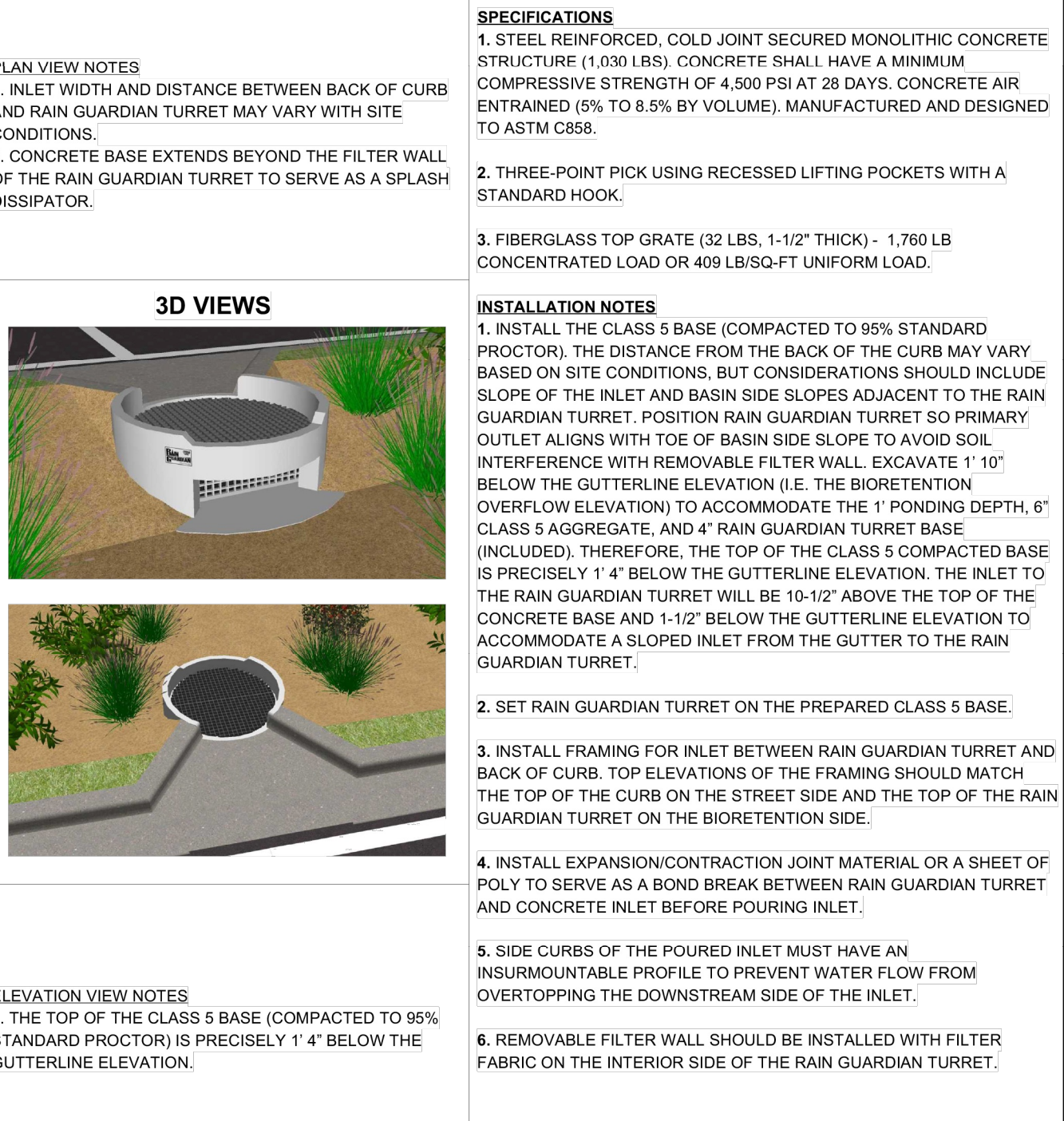
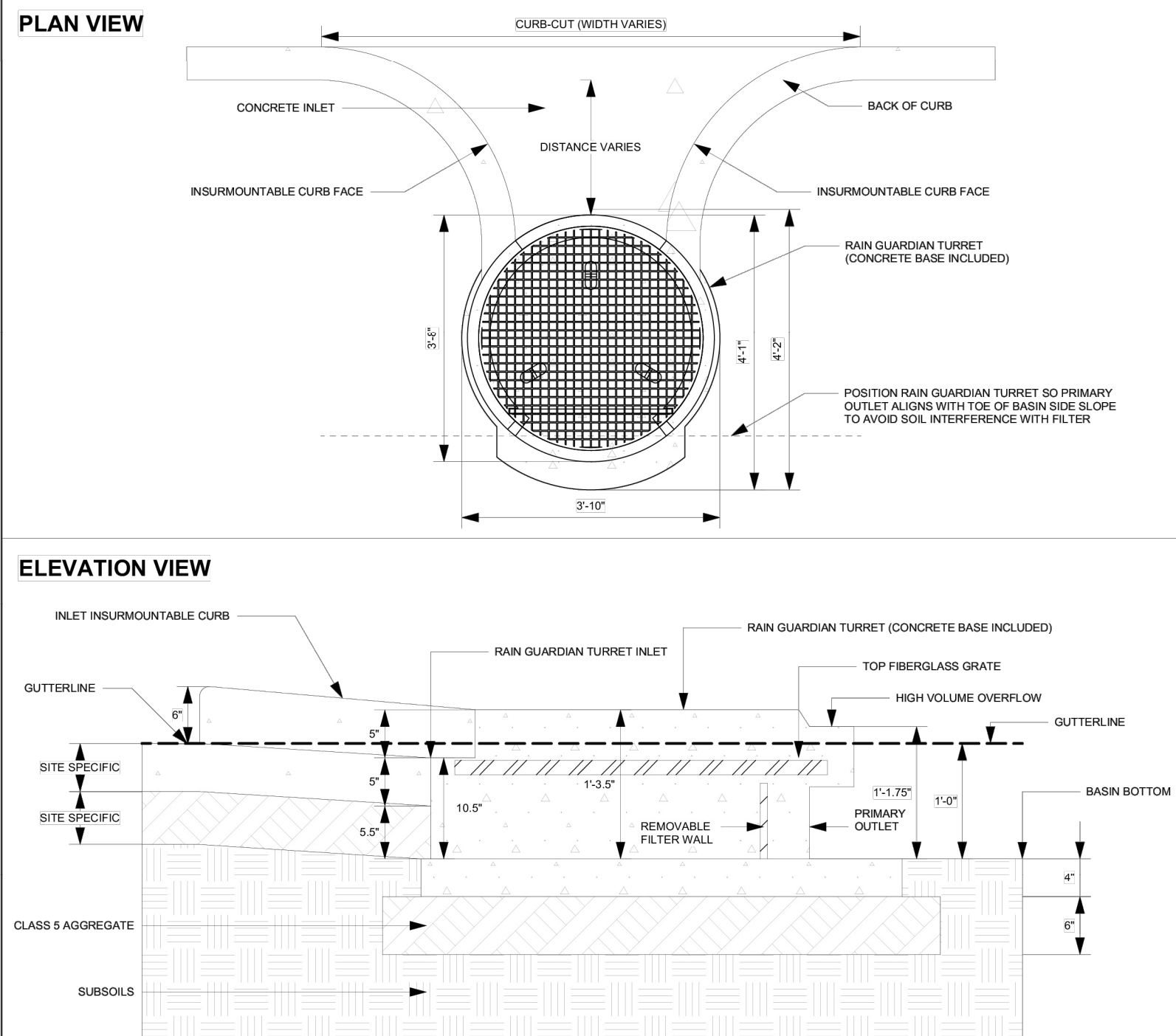
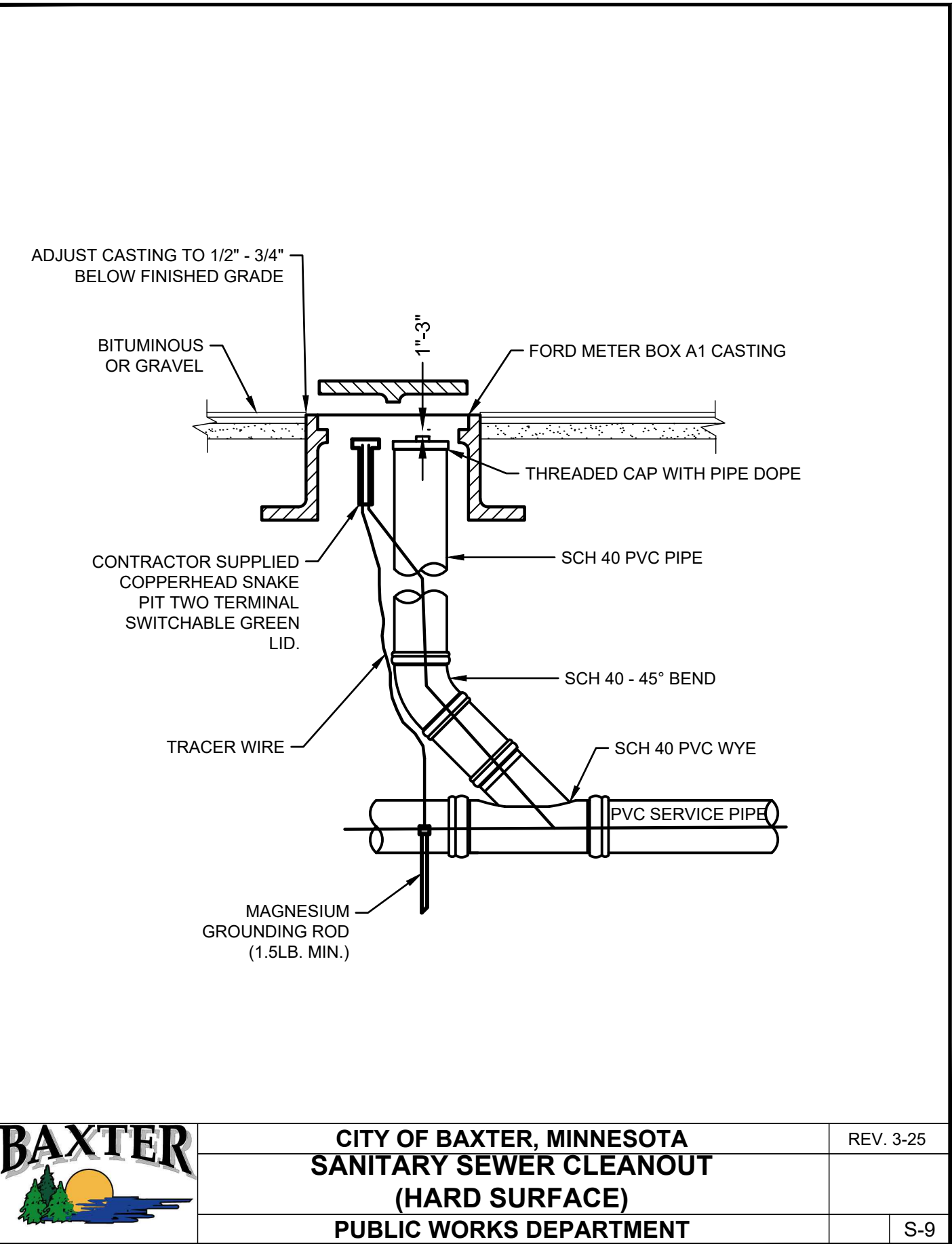
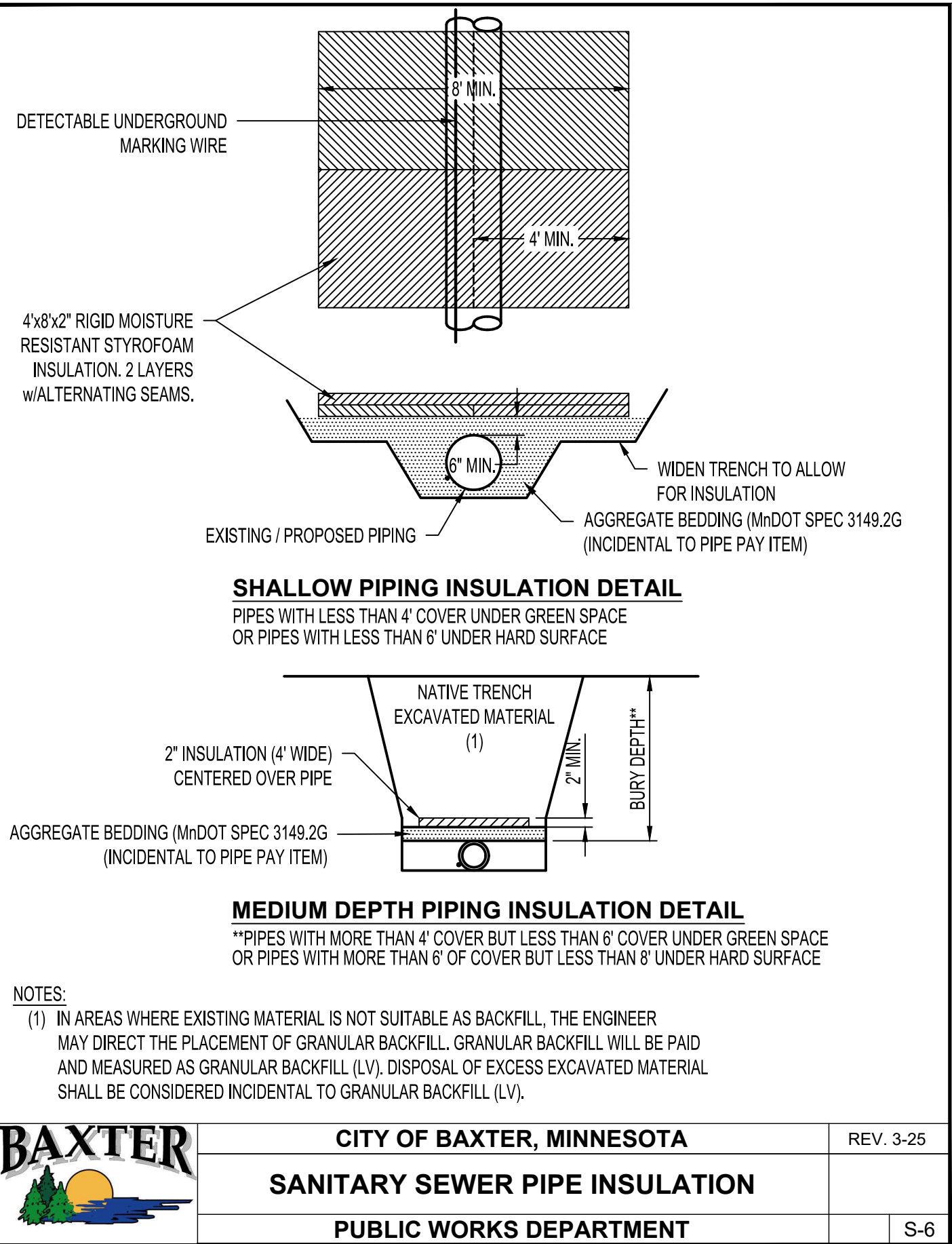
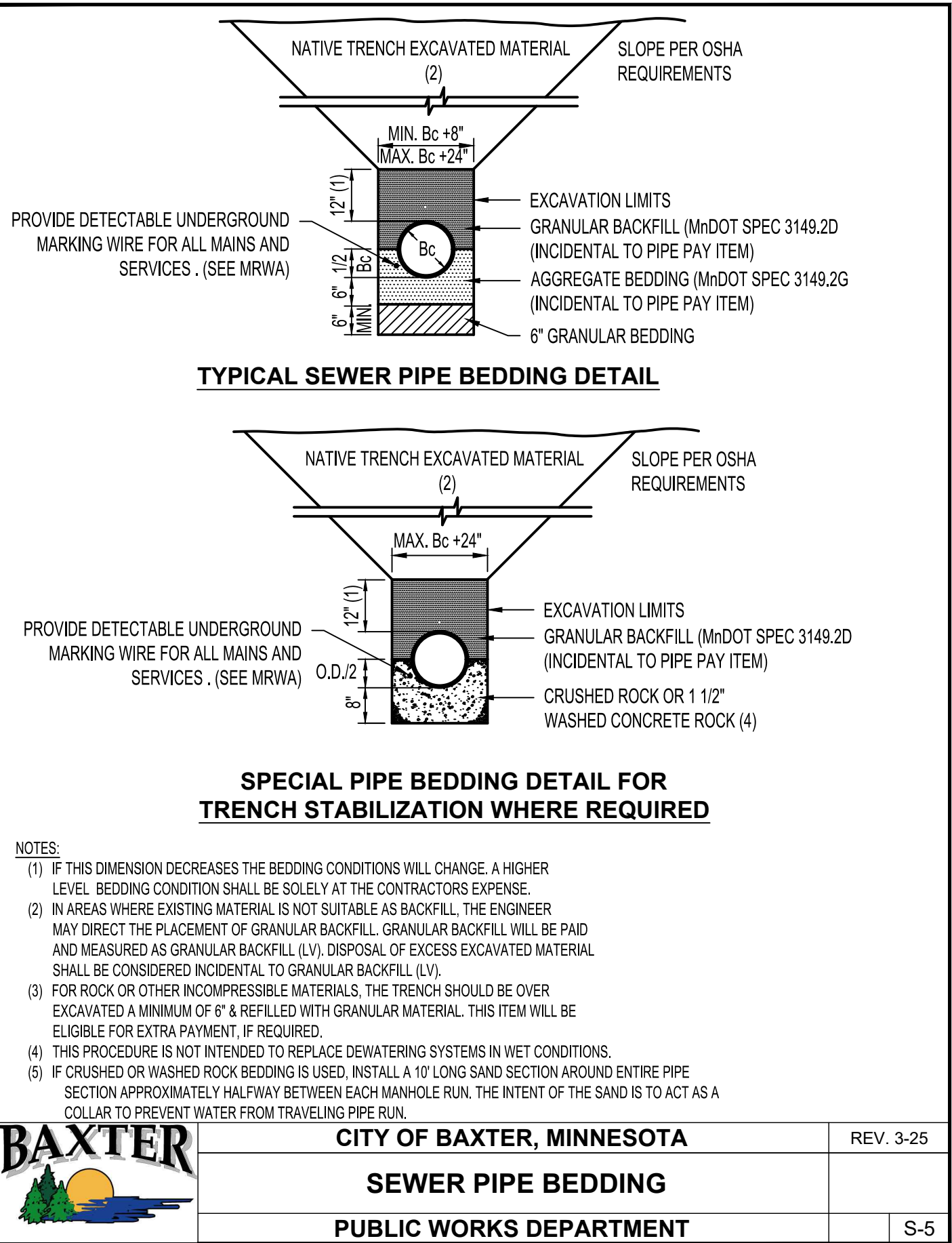
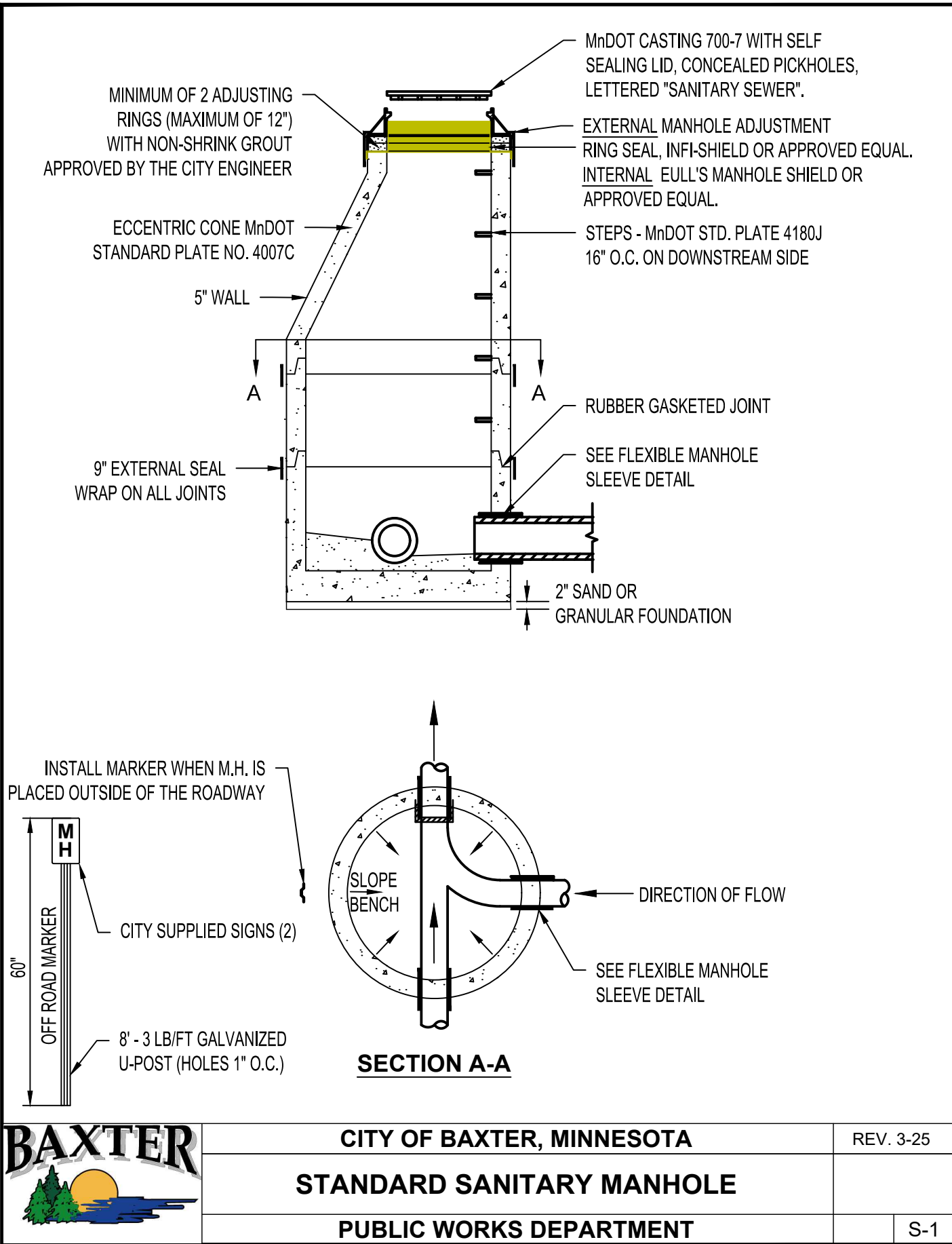
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CHRISTOPHER J. DAHN LIC. NO.: 58628 DATE: 07/09/2026

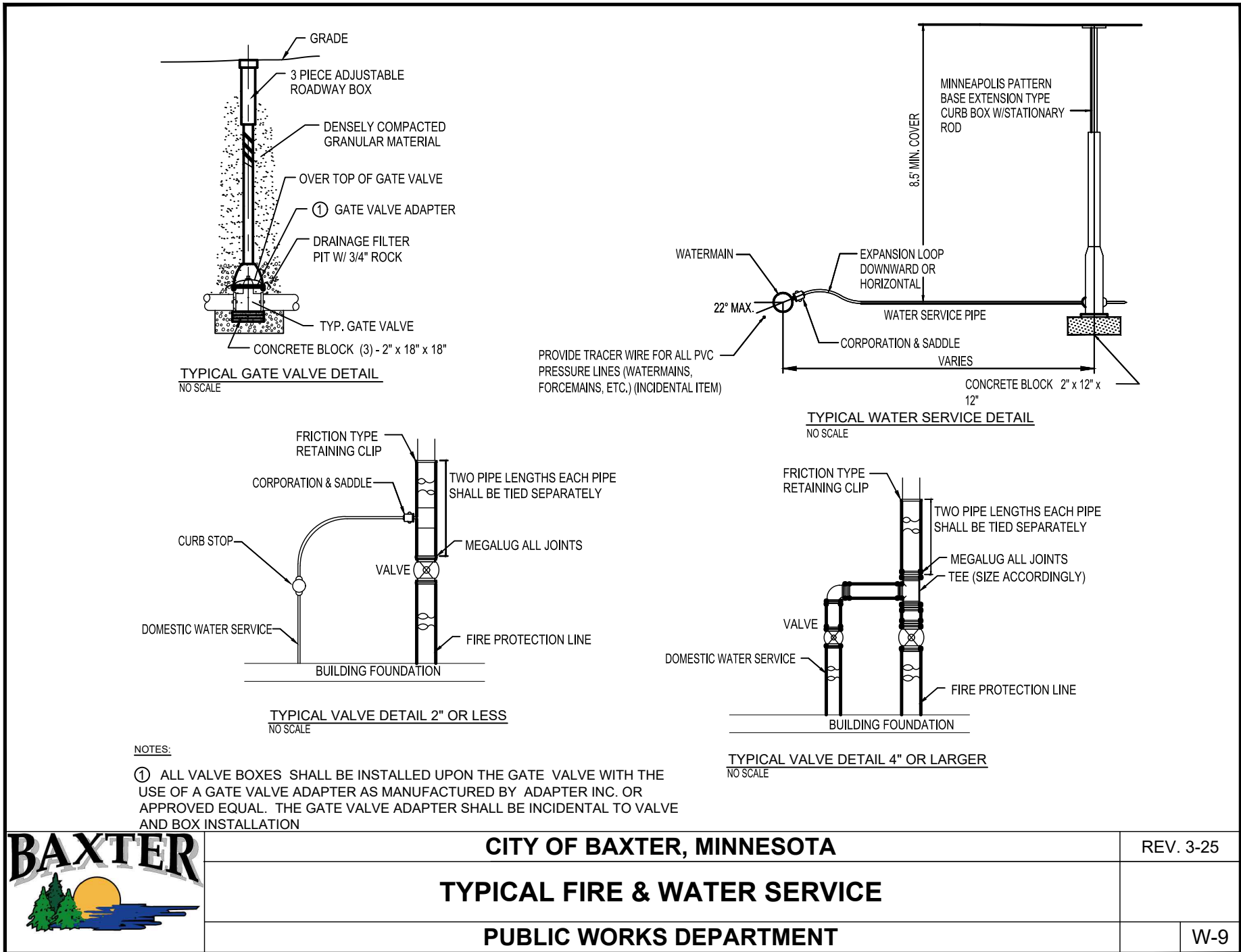
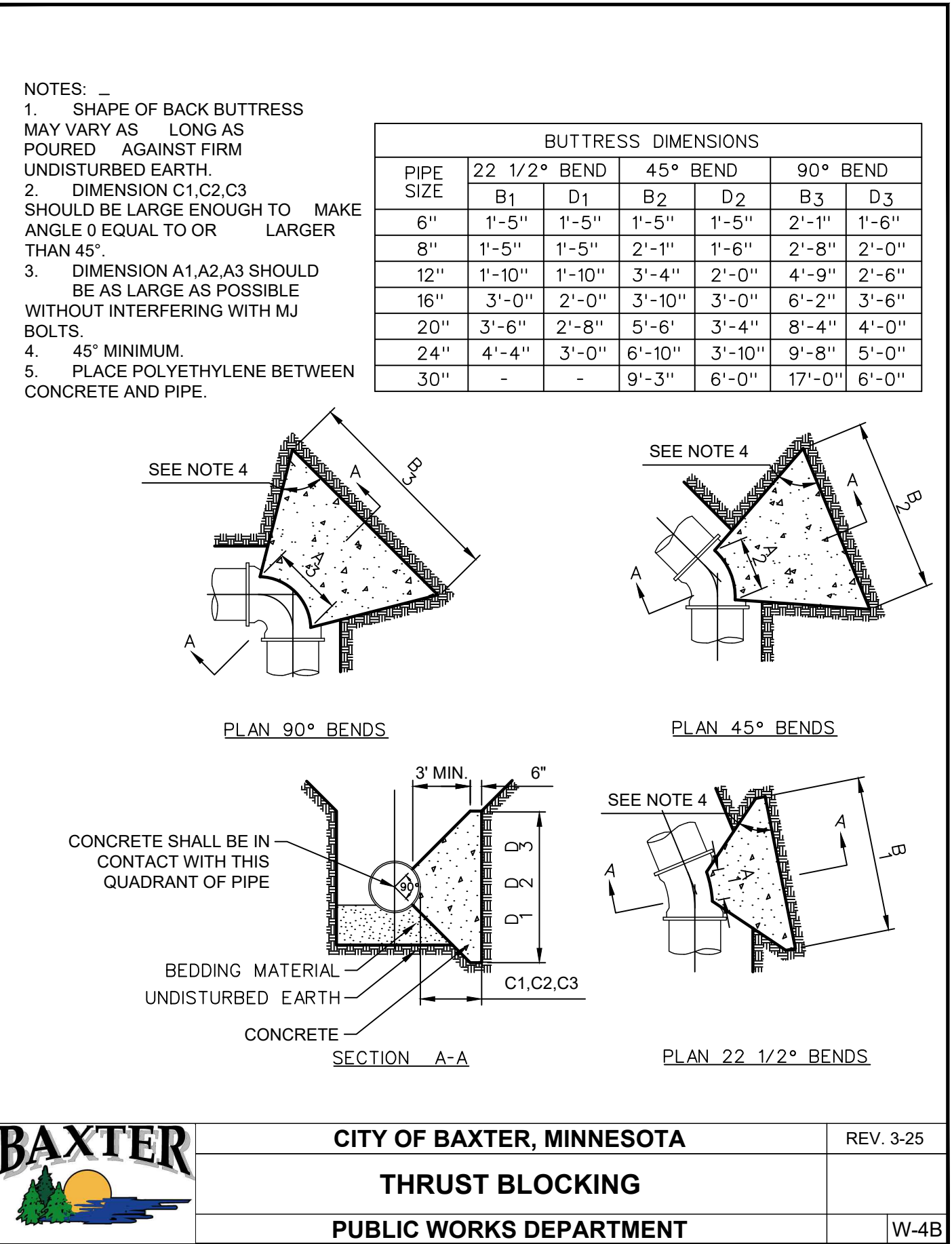
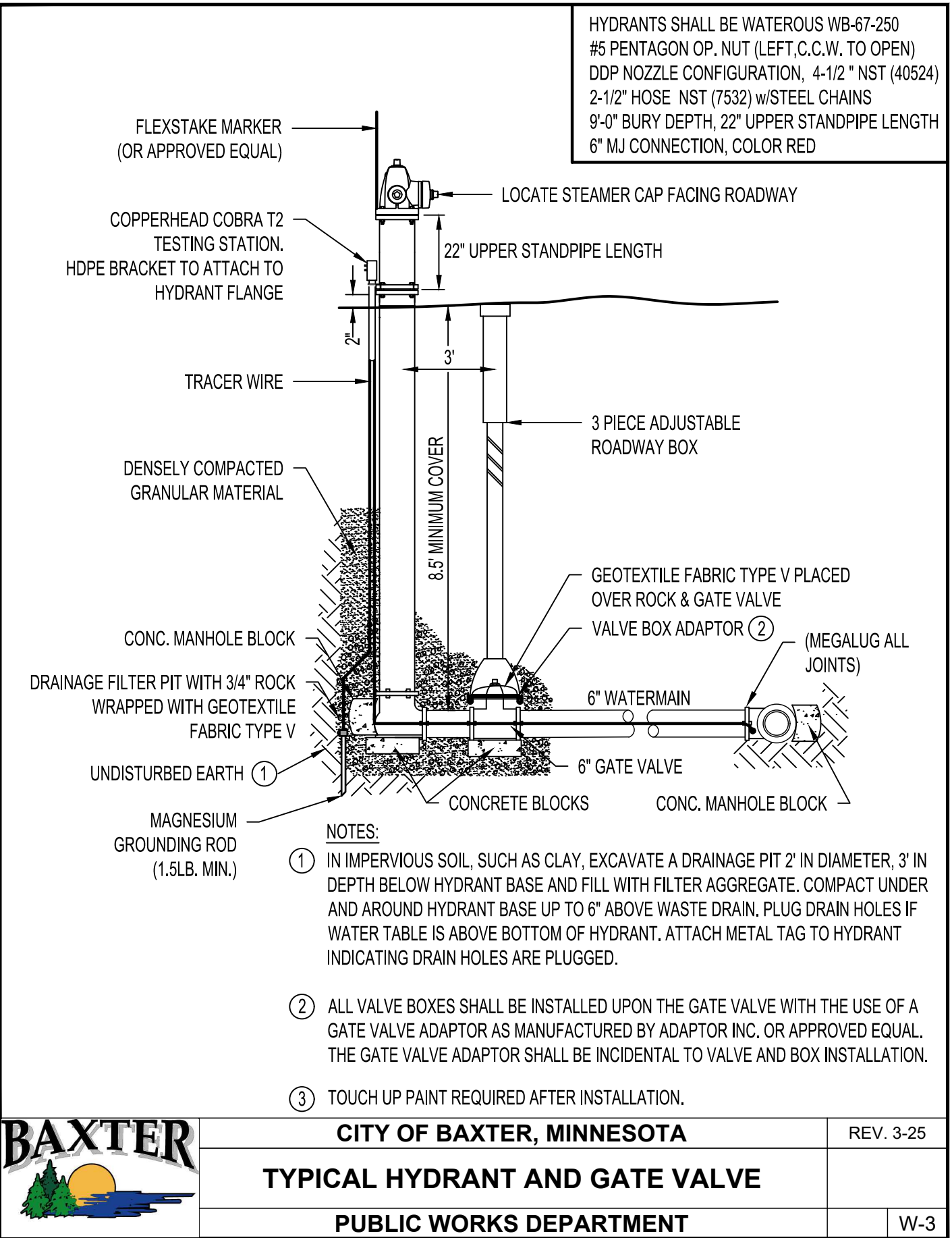
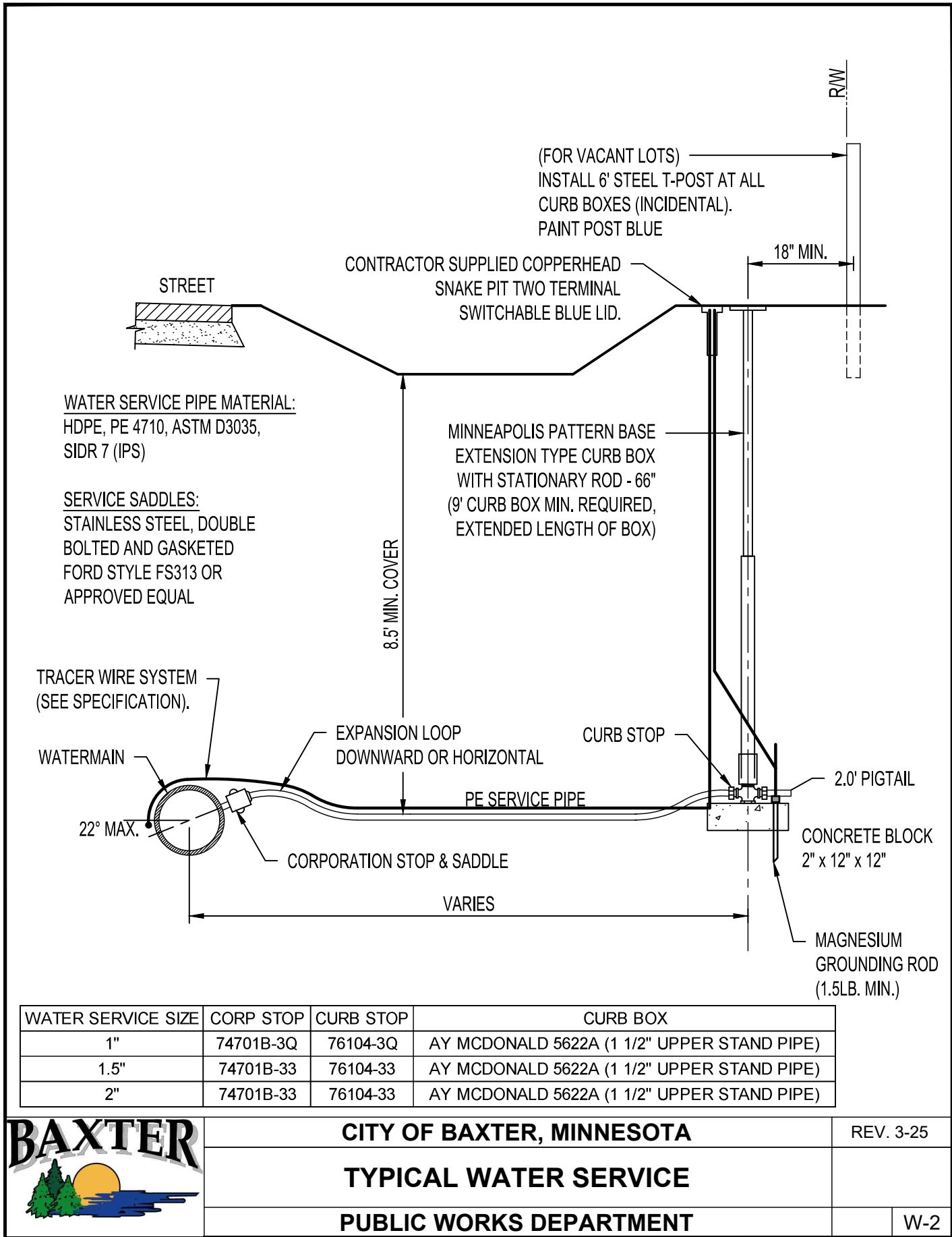
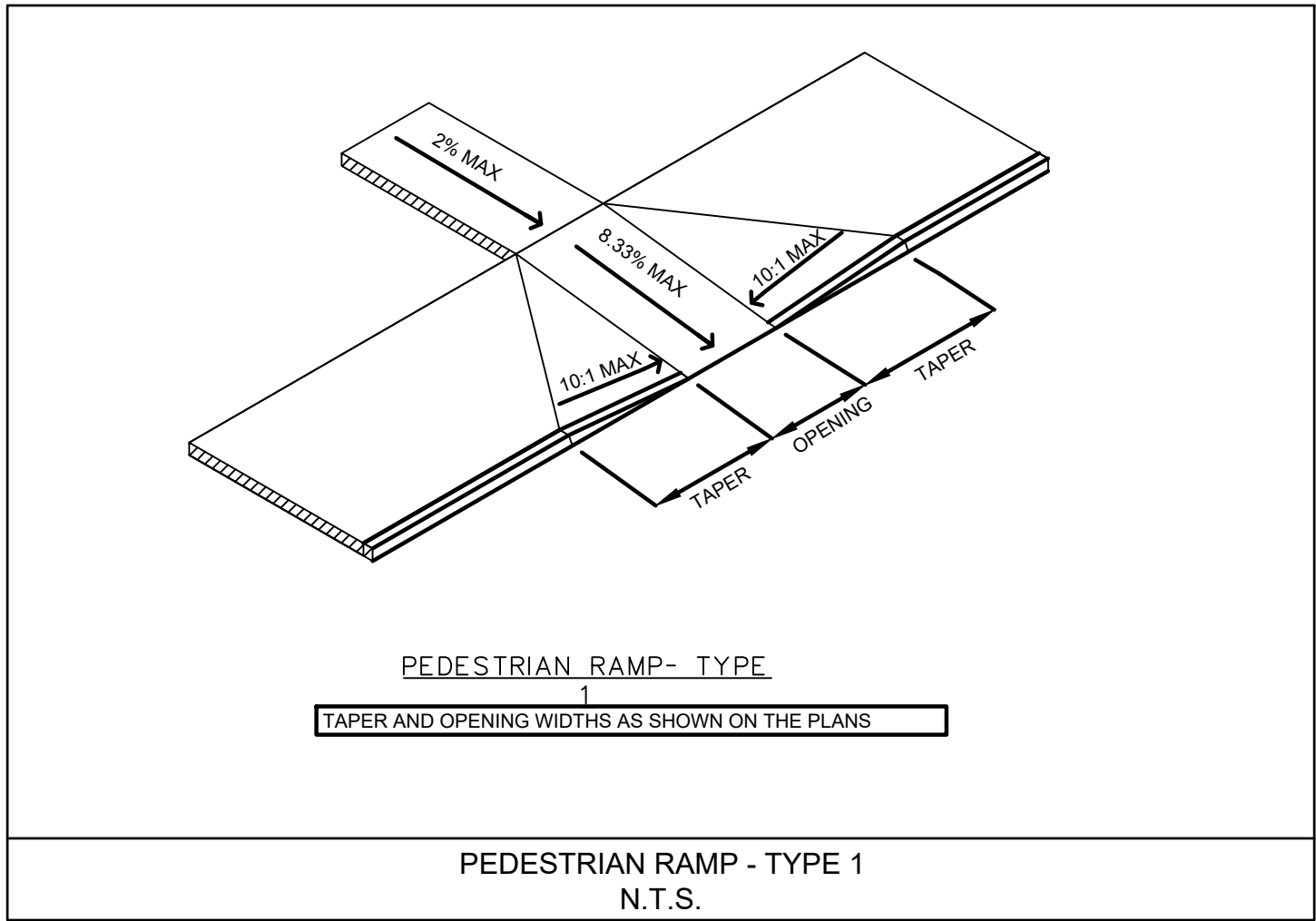
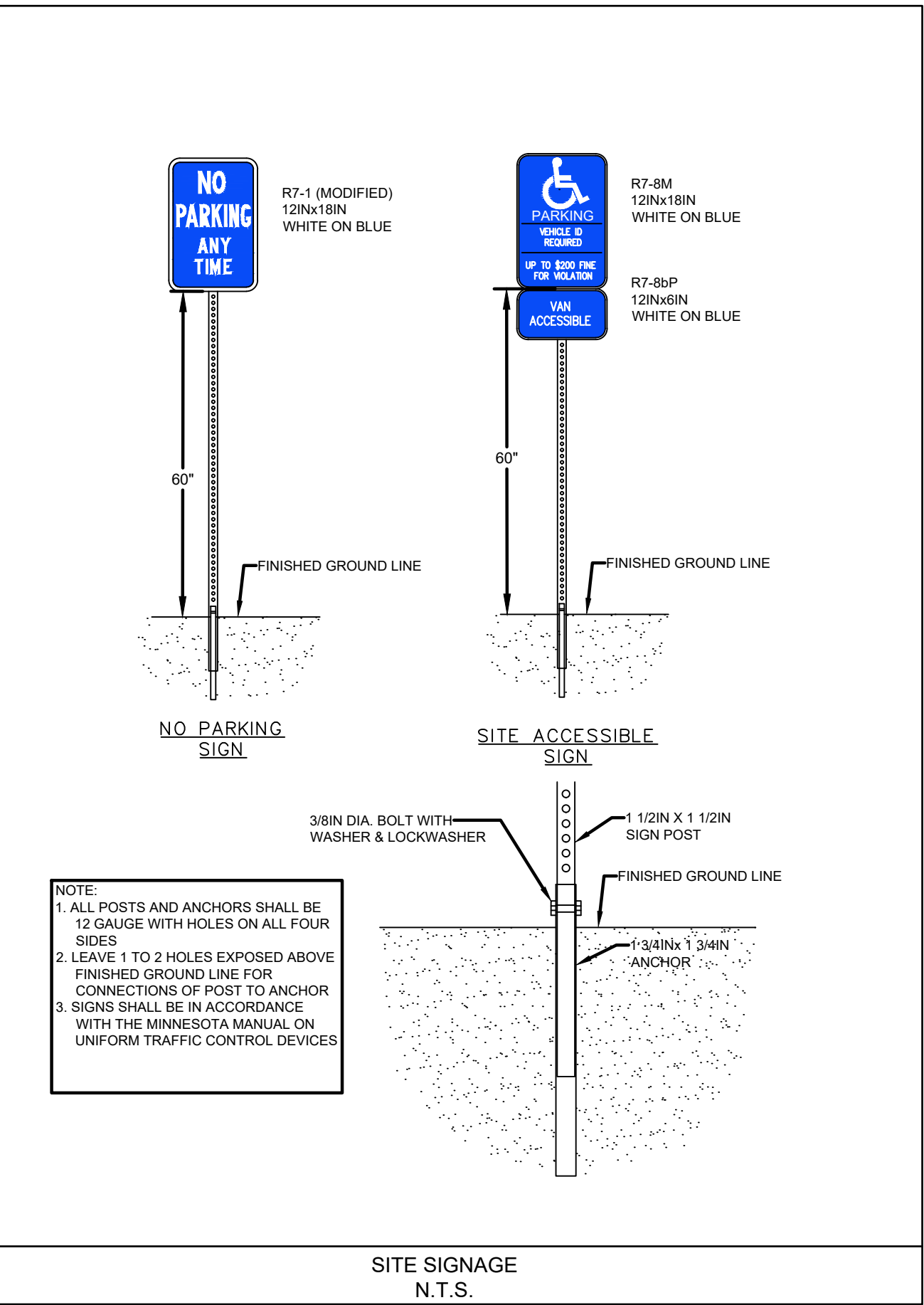
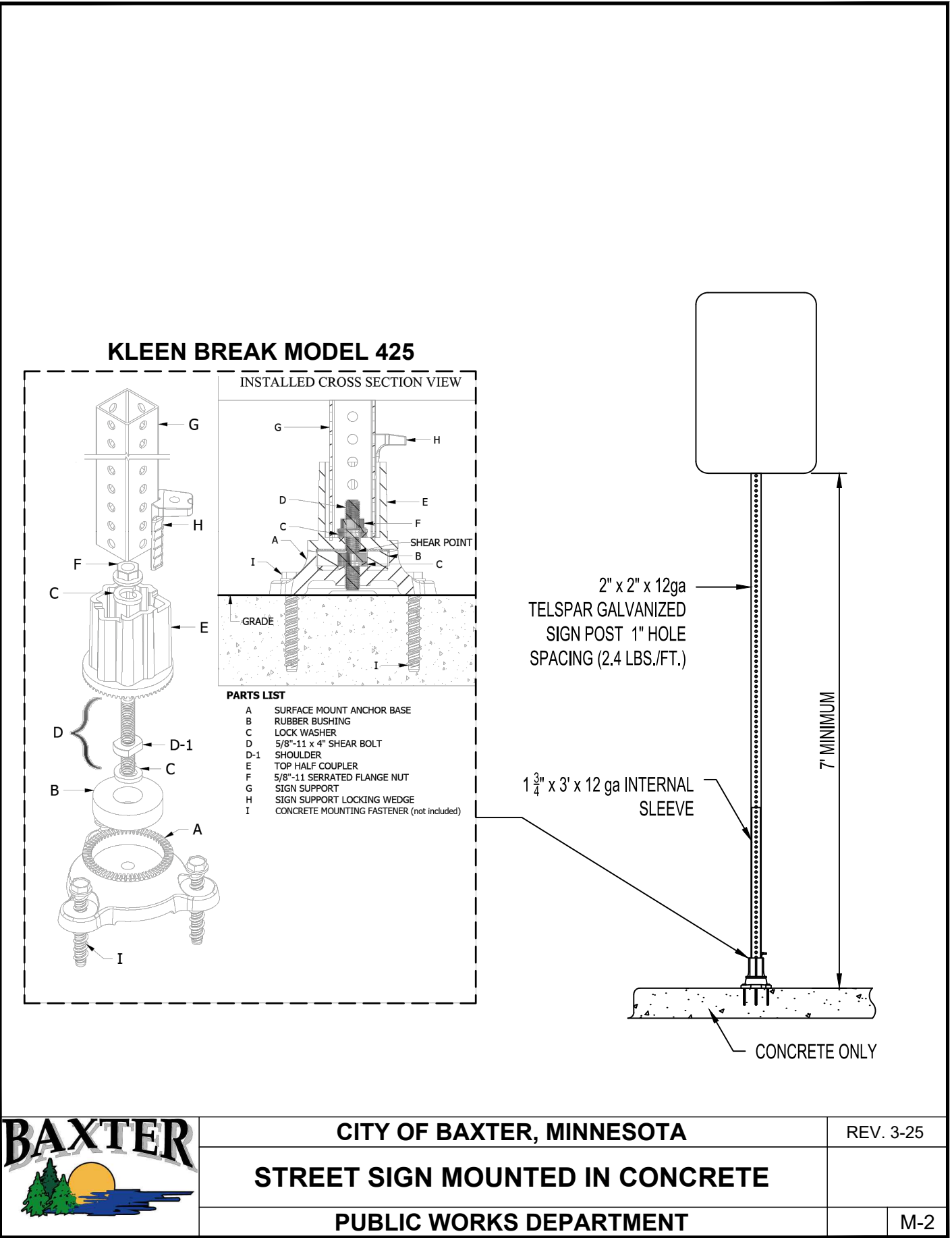
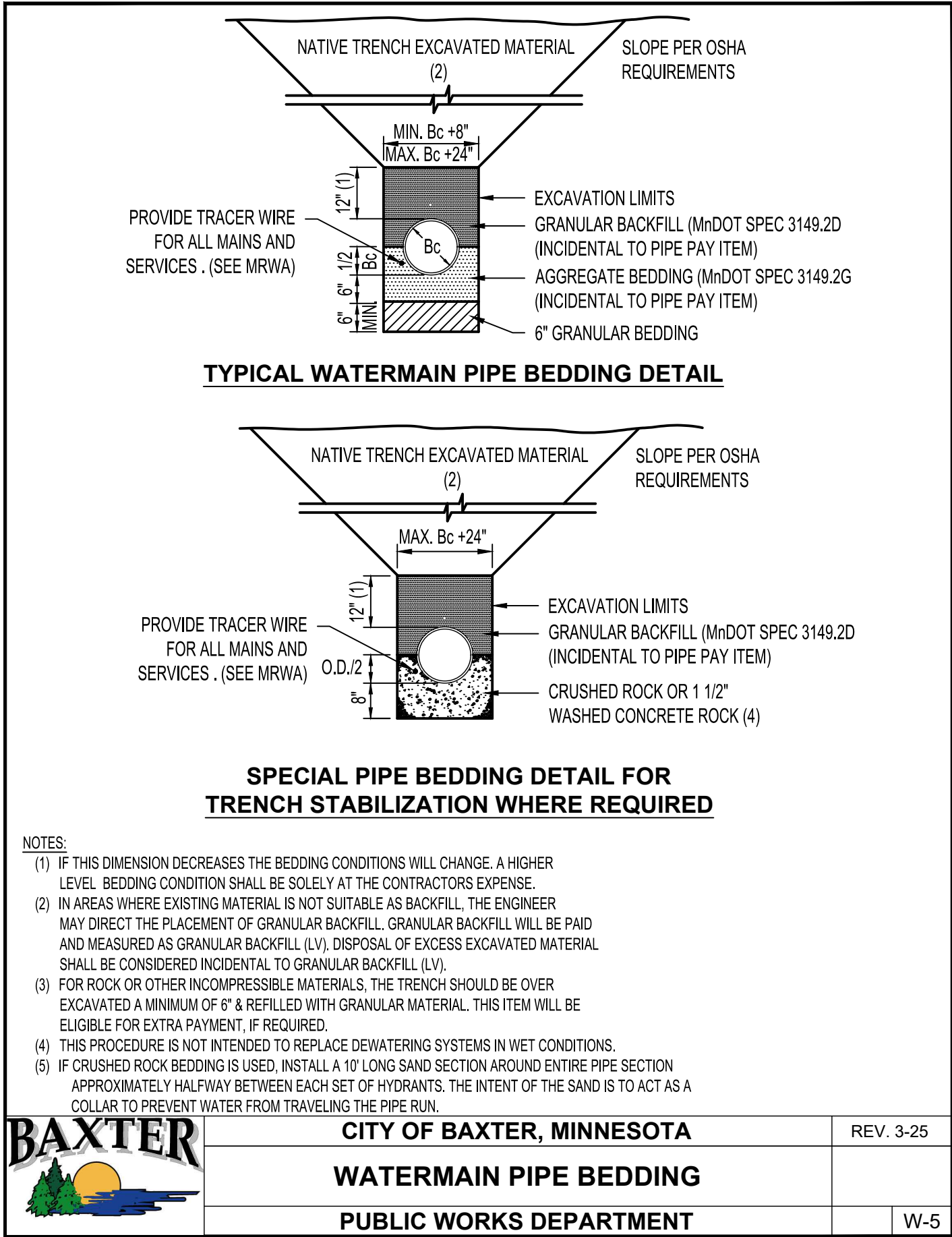
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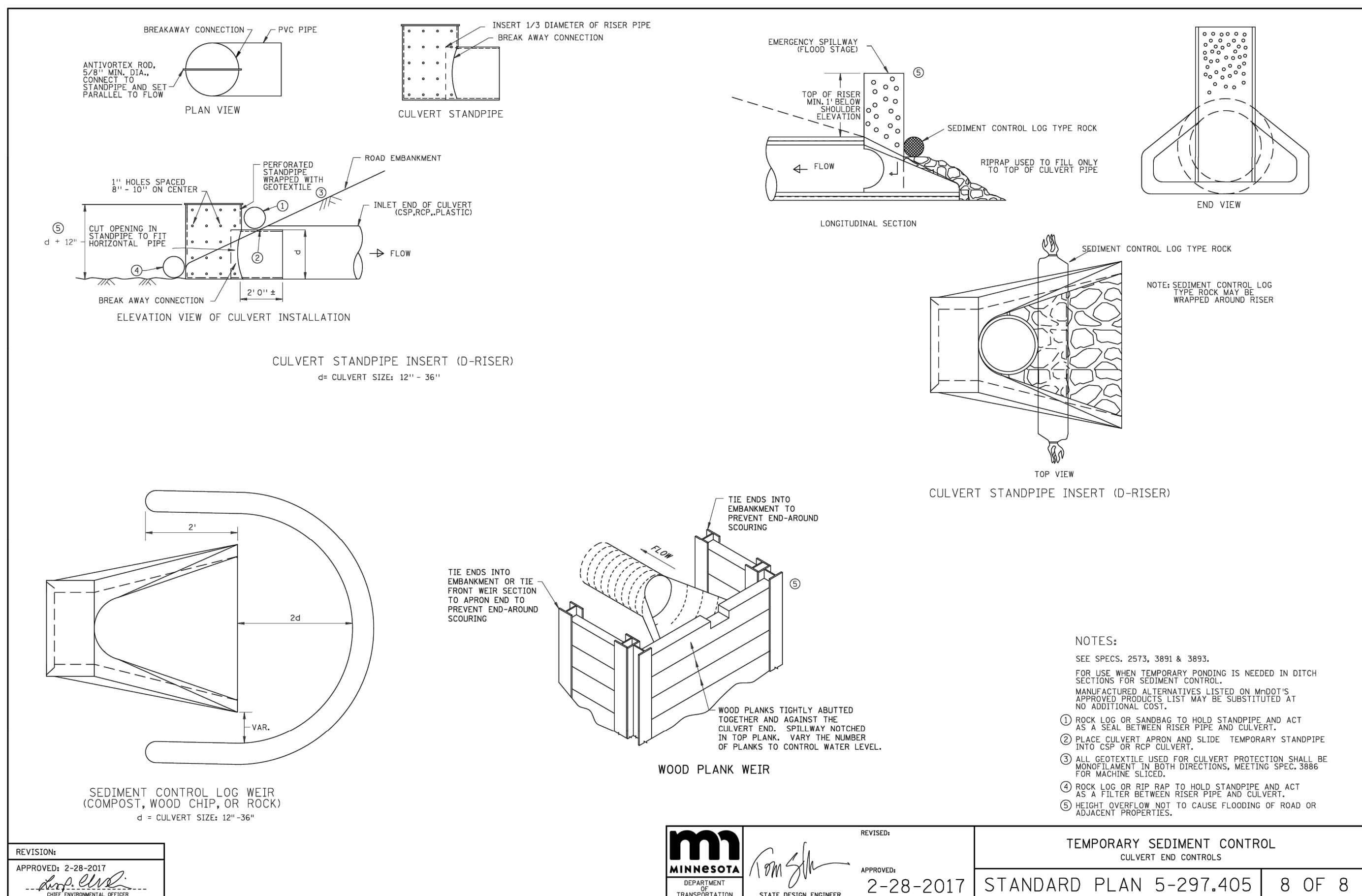
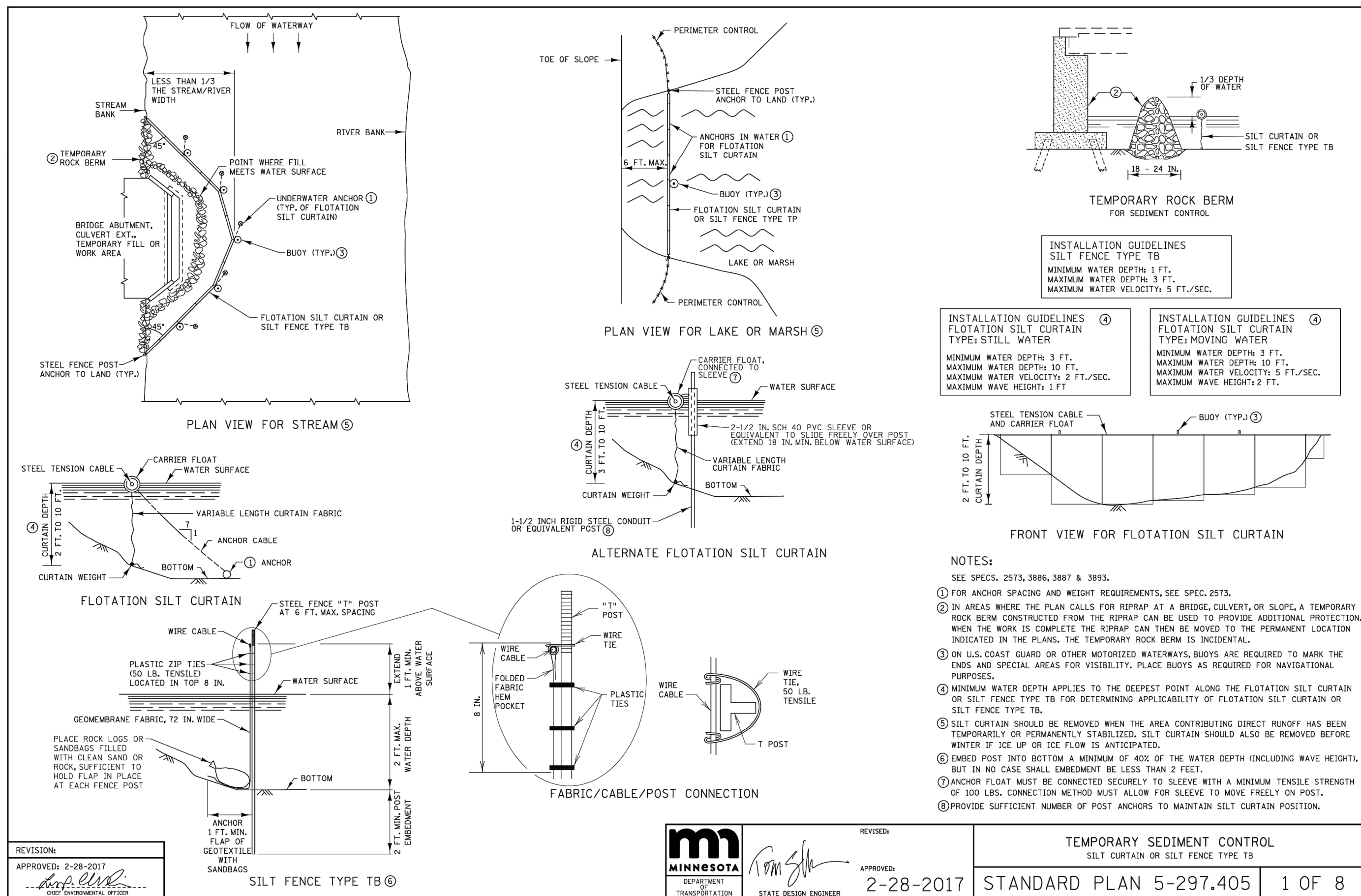
BELL BANK
TRAFFIC CONTROL PLAN

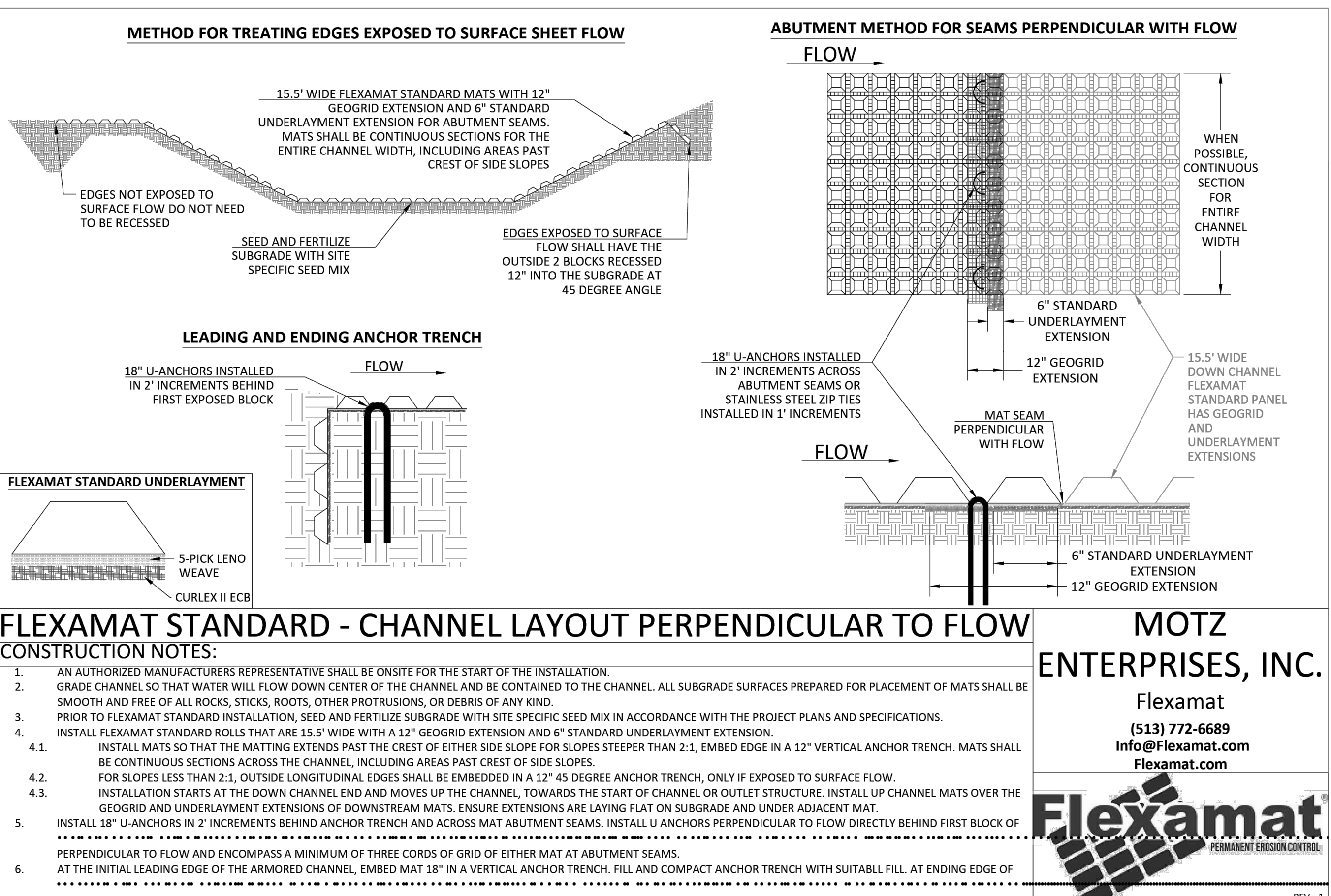
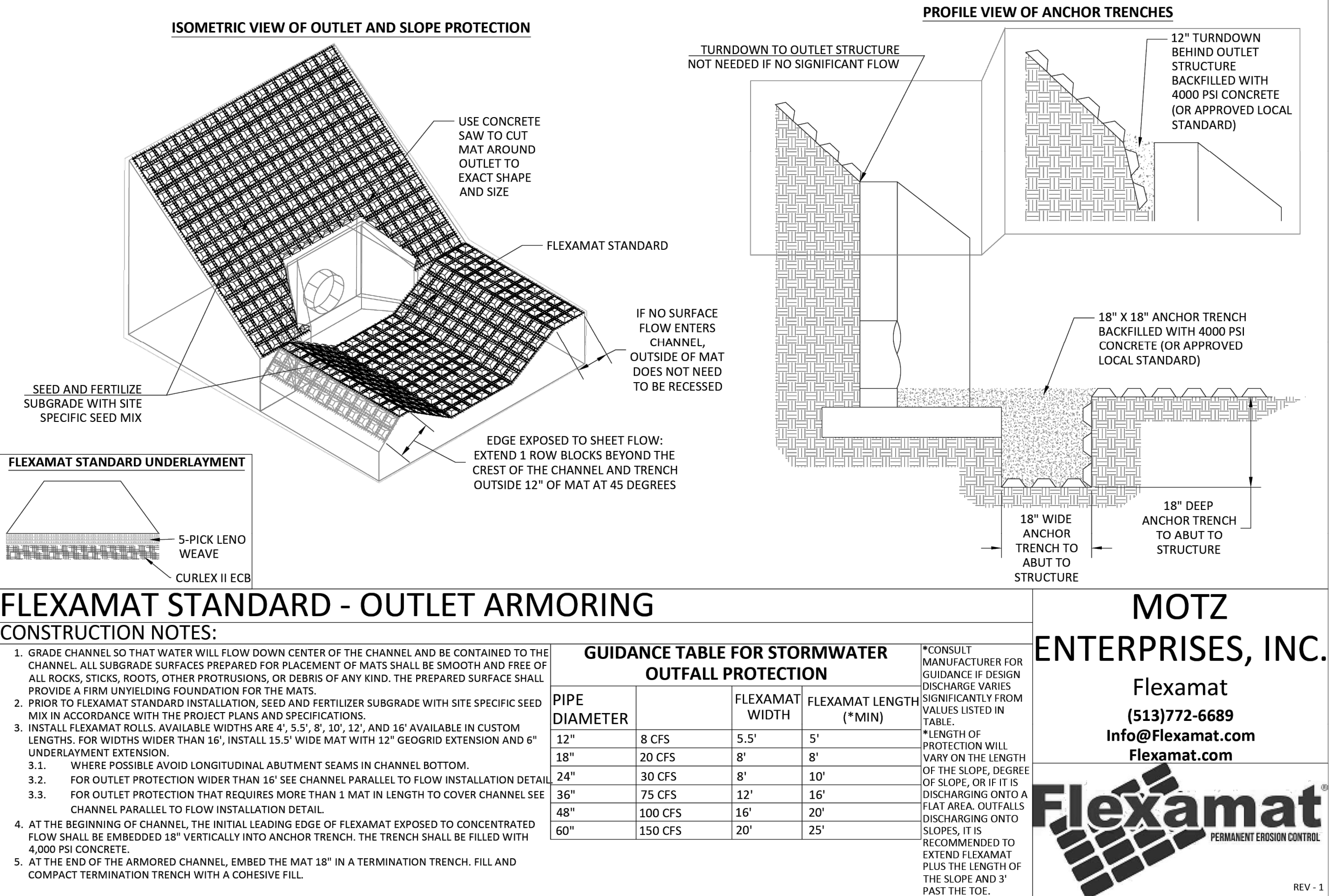
C2.01
PROJECT #: 2026-10710

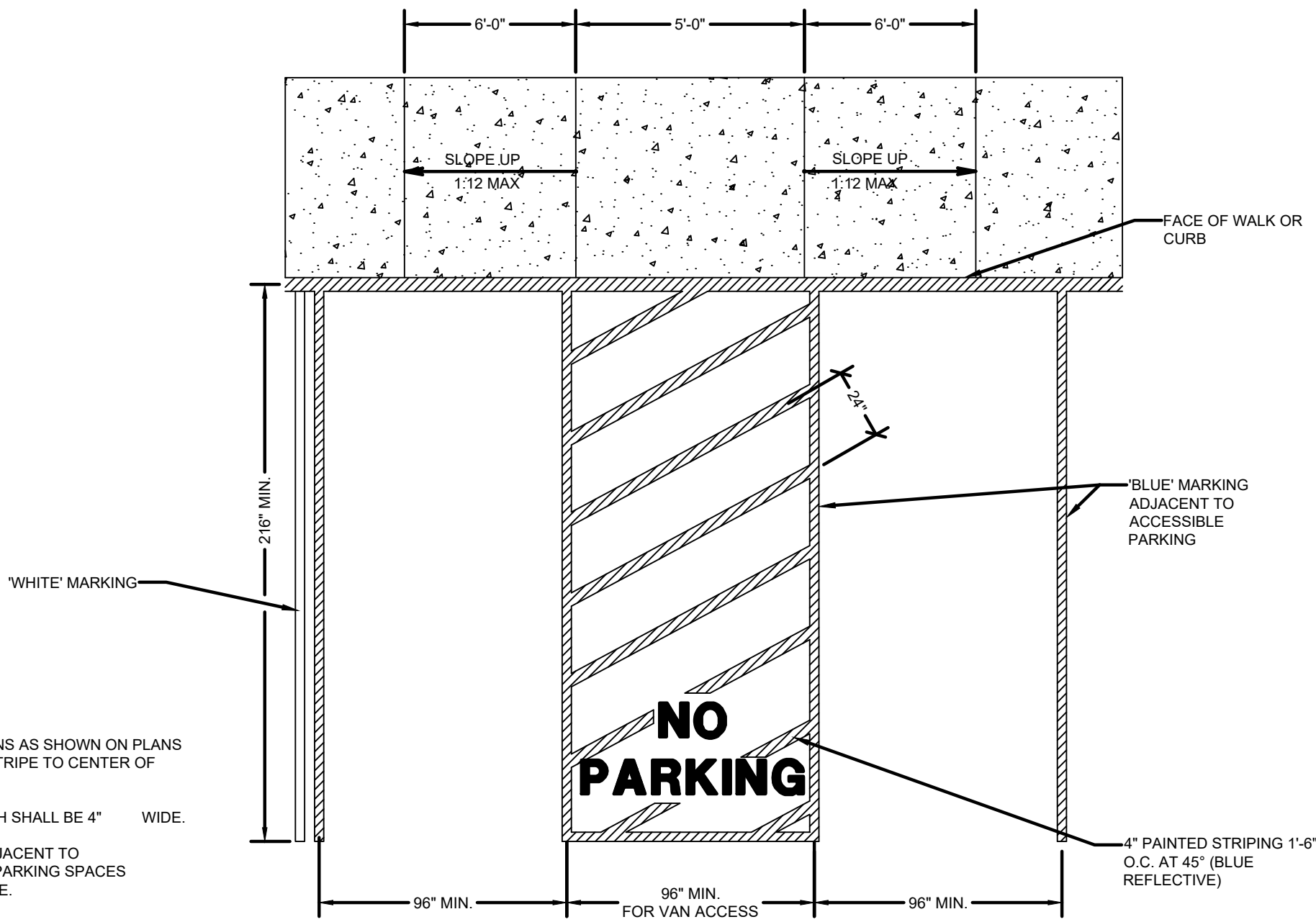






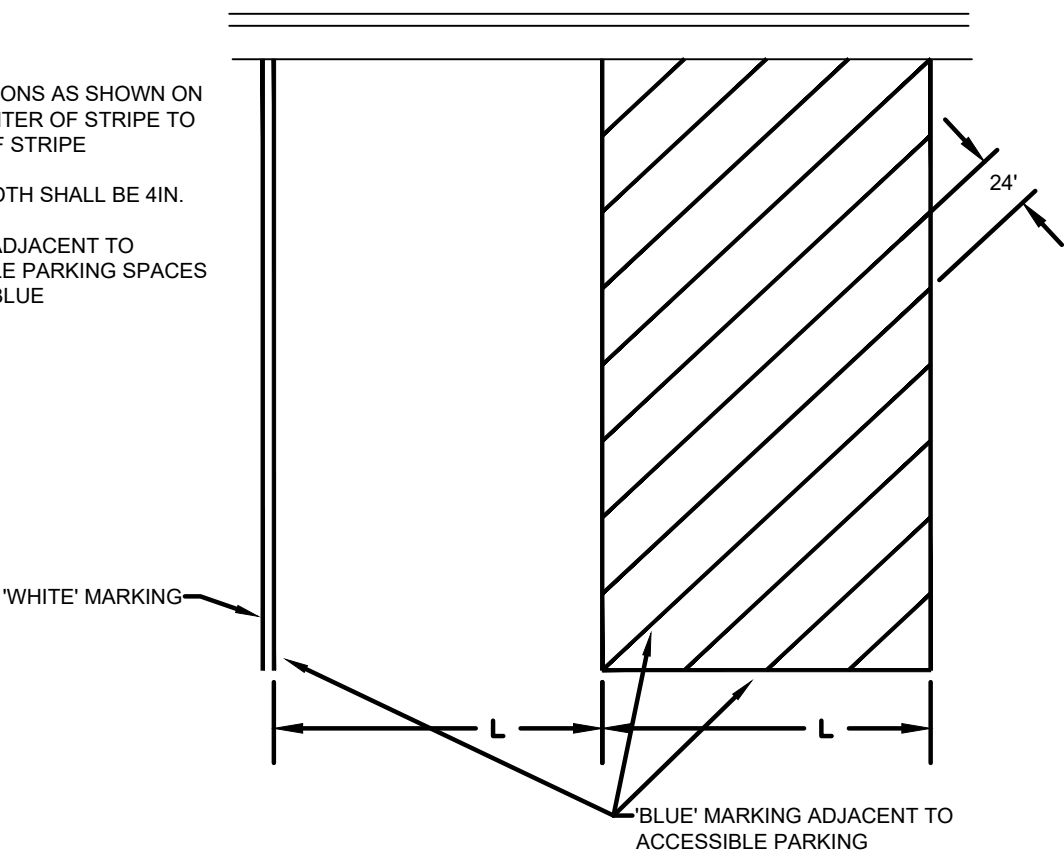




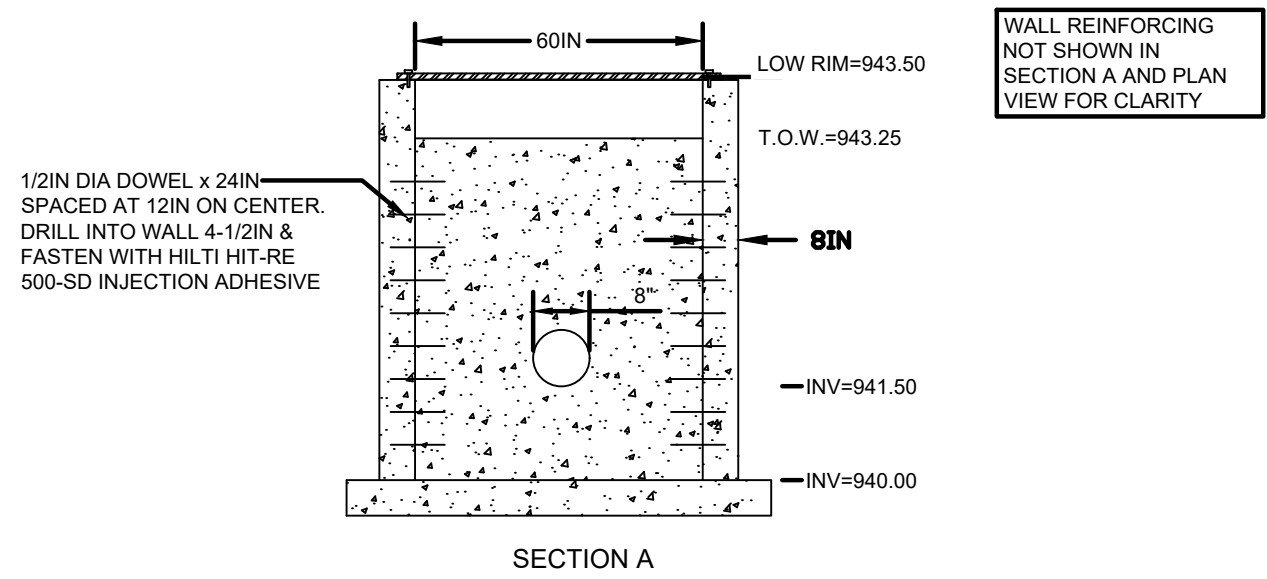
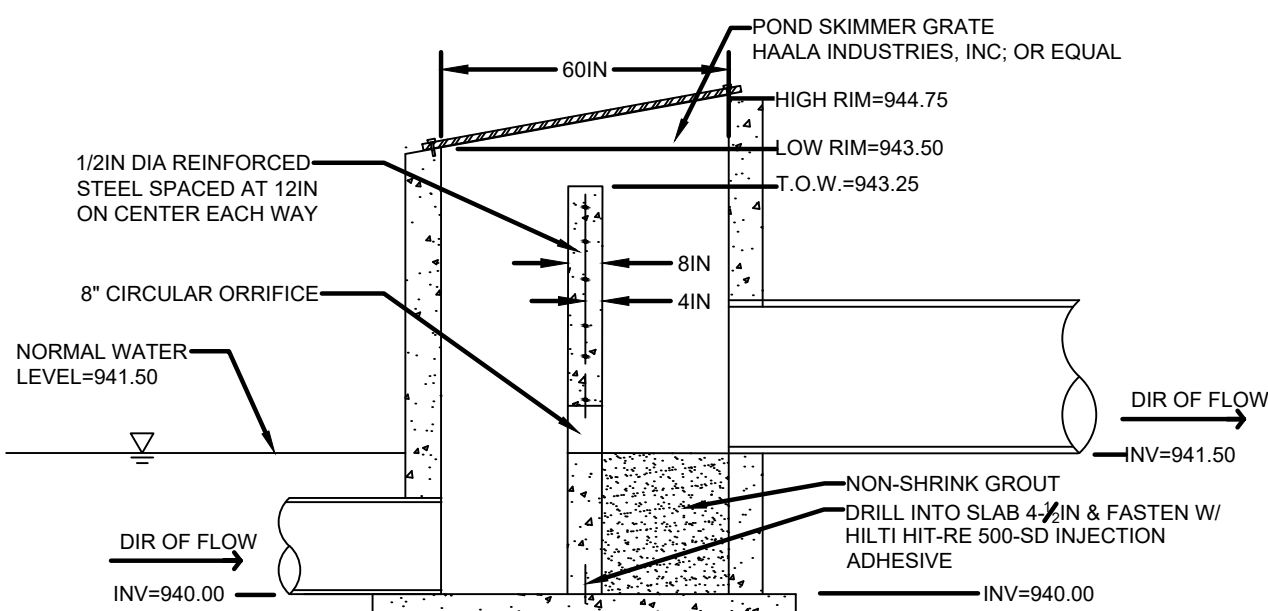
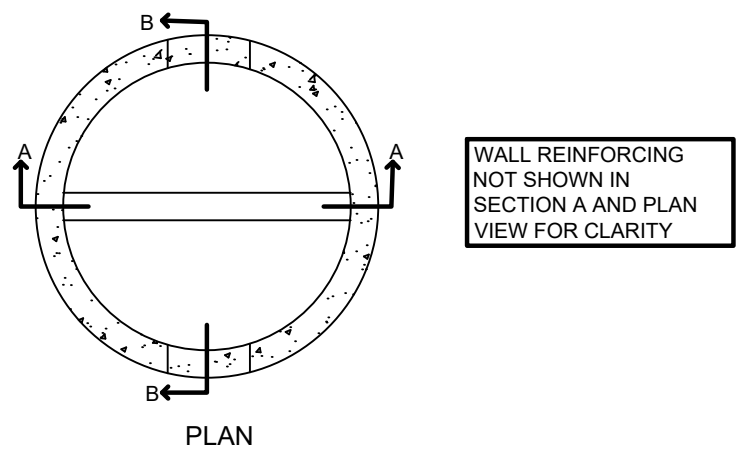


ACCESSIBLE PARKING SPACE AND HANDICAP RAMP
N.T.S.

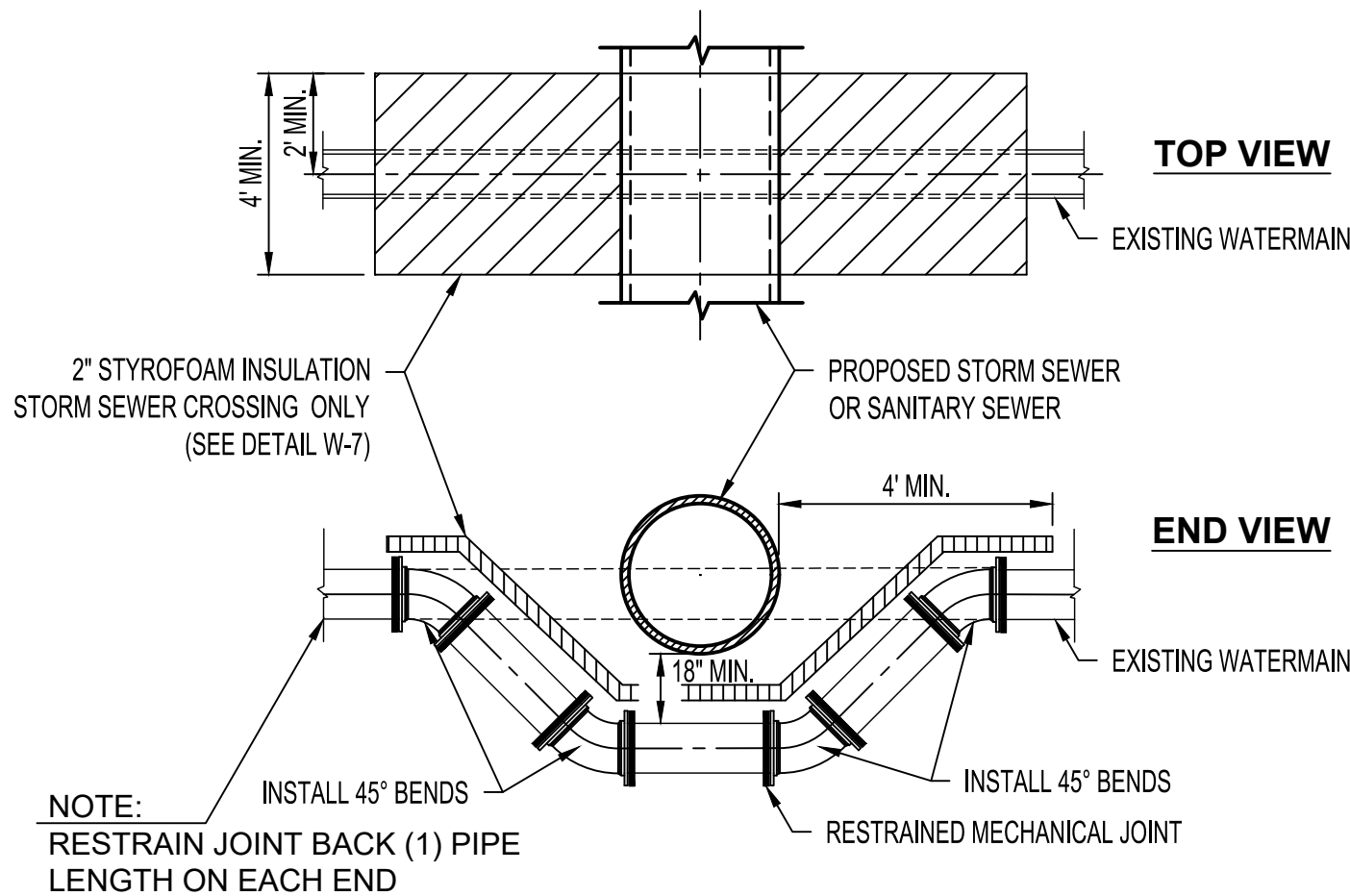
- NOTE:
1. L= DIMENSIONS AS SHOWN ON PLANS CENTER OF STRIPE TO CENTER OF STRIPE
 2. STRIPE WIDTH SHALL BE 4IN.
 3. STRIPING ADJACENT TO ACCESSIBLE PARKING SPACES SHALL BE BLUE



PAINTED PAVEMENT MARKINGS
N.T.S.



STORMWATER CONTROL STRUCTURE G-1
N.T.S.



CITY OF BAXTER, MINNESOTA
WATERMAIN ADJUSTMENT
PUBLIC WORKS DEPARTMENT

REV. 3-25
W-6

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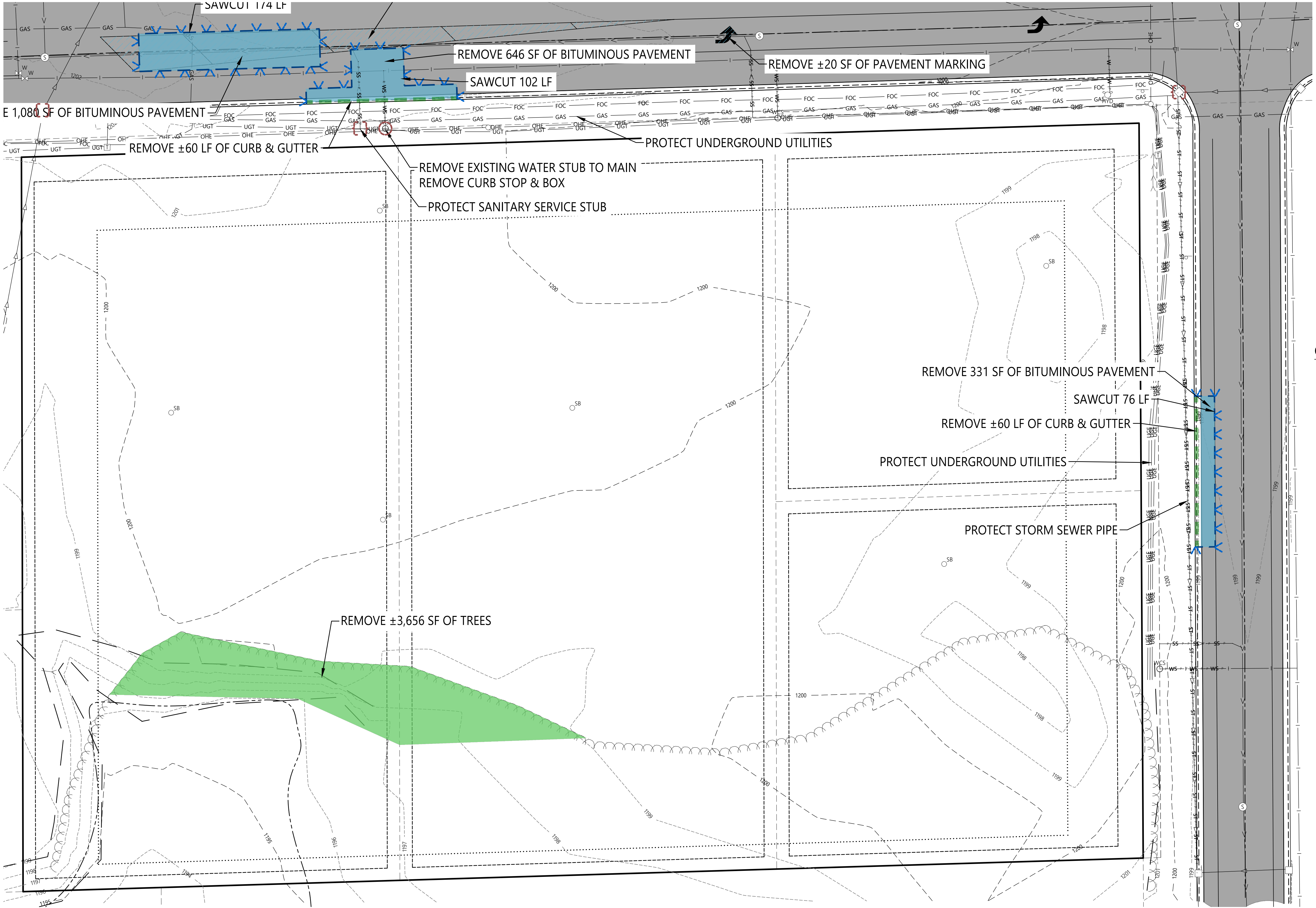
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CHRISTOPHER J. DAHN LIC. NO.: 58628 DATE: 07/09/2026

DATE	REV#	REVISIONS DESCRIPTION

BELL BANK
DETAILS

C3.06
PROJECT #: 2026-10710



DEMOLITION & REMOVAL LEGEND

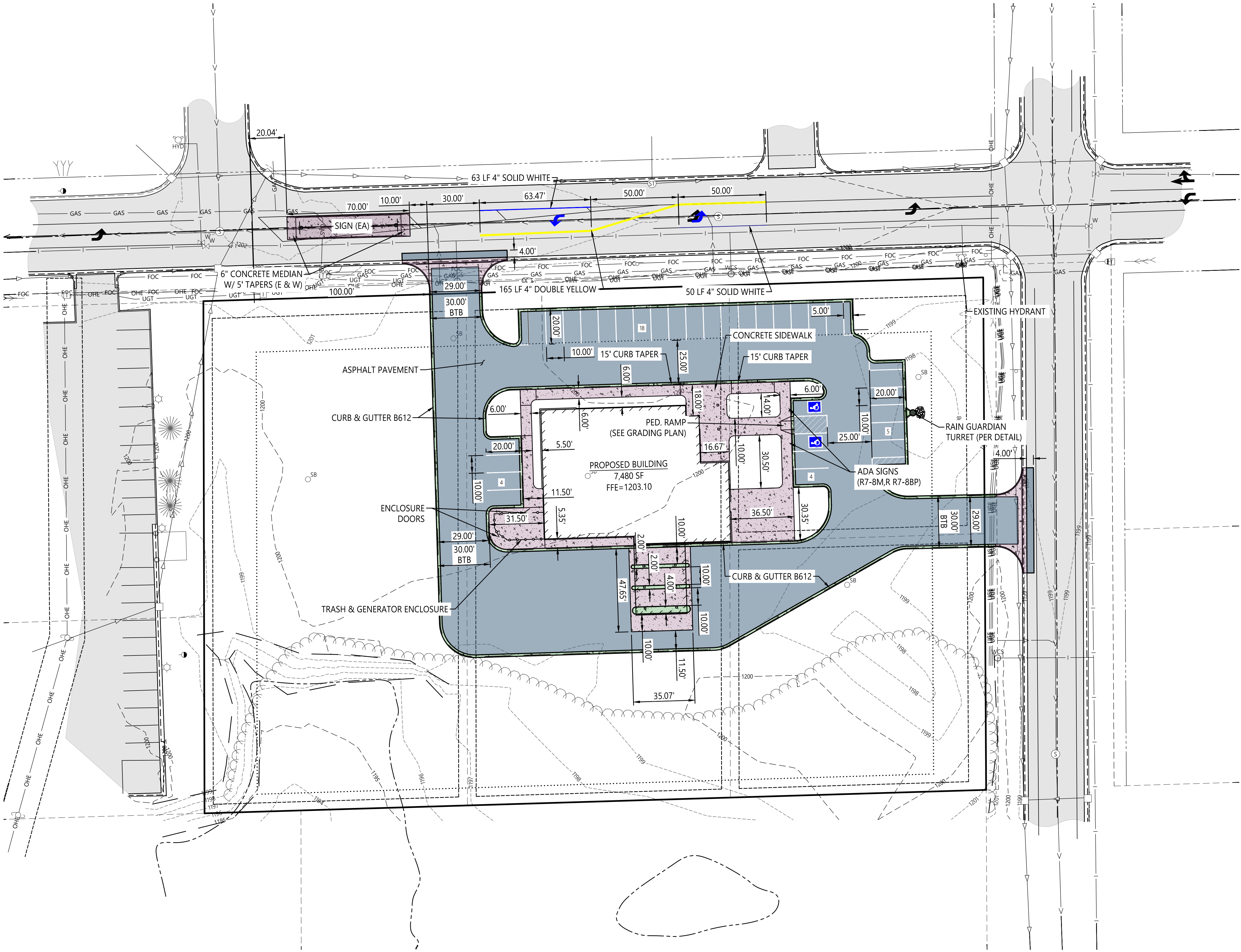
- CLEARING AND GRUBBING (ACRE)
- REMOVE CONCRETE CURB AND GUTTER
- PROTECT ITEM (CALLOUT FOR ITEM TYPE)
- PROTECT SANITARY SERVICE PIPE (EACH)
- PROTECT SEWER PIPE (SANITARY) (EACH)
- PROTECT SEWER PIPE (STORM) (EACH)
- PROTECT WATER SERVICE PIPE (EACH)
- PROTECT WATER MAIN (EACH)
- REMOVE BITUMINOUS PAVEMENT (SY)
- SAWING BITUMINOUS PAVEMENT (FULL DEPTH) (LF)
- REMOVE WATER SERVICE PIPE (LF)
- REMOVE ITEM (CALLOUT FOR ITEM TYPE)
- REMOVE PAVEMENT MARKINGS (SF)

GENERAL DEMOLITION & REMOVAL PLAN NOTES

- THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
- PRIVATE UTILITY LOCATES ARE TO BE COORDINATED WITH THE ENGINEER. THE PRIVATE LOCATES WILL BE DONE BY GOPHER STATE ONE CALL. ALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION CONTROL PLAN ARE TO BE IN PLACE PRIOR TO BEGINNING REMOVALS.
- CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, TREES, CONCRETE PAVEMENT, BITUMINOUS PAVEMENT, BUILDINGS, LIGHT POLES & BASES, ETC. NOT NOTED FOR DEMOLITION & REMOVAL DURING REMOVALS. ANY DAMAGED STRUCTURES TO REMAIN SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
- ALL SAWCUT EDGES IN CONCRETE WALK, CONCRETE PAVEMENT AND BITUMINOUS PAVEMENT SHALL BE PROTECTED AFTER REMOVALS THROUGH THE DURATION OF THE PROJECT. PAYMENT FOR SAWCUTTING WILL BE MADE ONLY ONCE. ADDITIONAL SAWCUTTING TO MAINTAIN A CLEAN SAWCUT EDGE WILL BE AT THE EXPENSE OF THE CONTRACTOR.
- ALL MATERIALS IDENTIFIED FOR REMOVAL SHALL BE DISPOSED OFF SITE IN ACCORDANCE WITH STATE AND LOCAL LAWS.
- THE CONTRACTOR SHALL VERIFY THE ELEVATIONS AT PROPOSED CONNECTIONS TO EXISTING UTILITIES PRIOR TO COMPLETING ANY DISCONNECTIONS AND/OR REMOVALS OF UTILITIES.



DATE	REV#	REVISIONS	DESCRIPTION



PROPOSED LEGEND

- BITUMINOUS SURFACE
- CONCRETE SURFACE
- CURB & GUTTER
- BUILDING
- SIGN - SINGLE

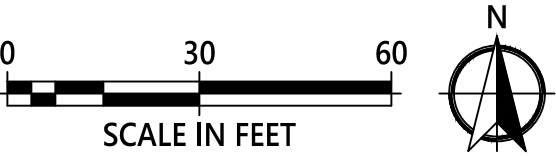
GENERAL SITE PLAN NOTES

- THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38.2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
- CONTRACTOR SHALL CALL GOPHER STATE ONE CALL PRIOR TO BEGINNING REMOVALS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY OWNER AND ENGINEER OF ANY DIFFERENCES BETWEEN THE FIELD AND PLAN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL AND SHALL BE IN COMPLIANCE WITH THE MINNESOTA UNIFORM TRAFFIC CONTROL DEVICES MANUAL AND TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS FIELD MANUAL. THE TRAFFIC CONTROL SHALL BE APPROVED BY THE CITY PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.
- ALL CONCRETE RAMPS, SIDEWALKS AND ACCESSIBLE HANDICAPPED PARKING STALLS TO CONFORM TO CURRENT A.D.A. REQUIREMENTS.
- ALL CURB RADII SHOWN ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- ALL PAVEMENT MARKING DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

GENERAL CONSTRUCTION NOTES

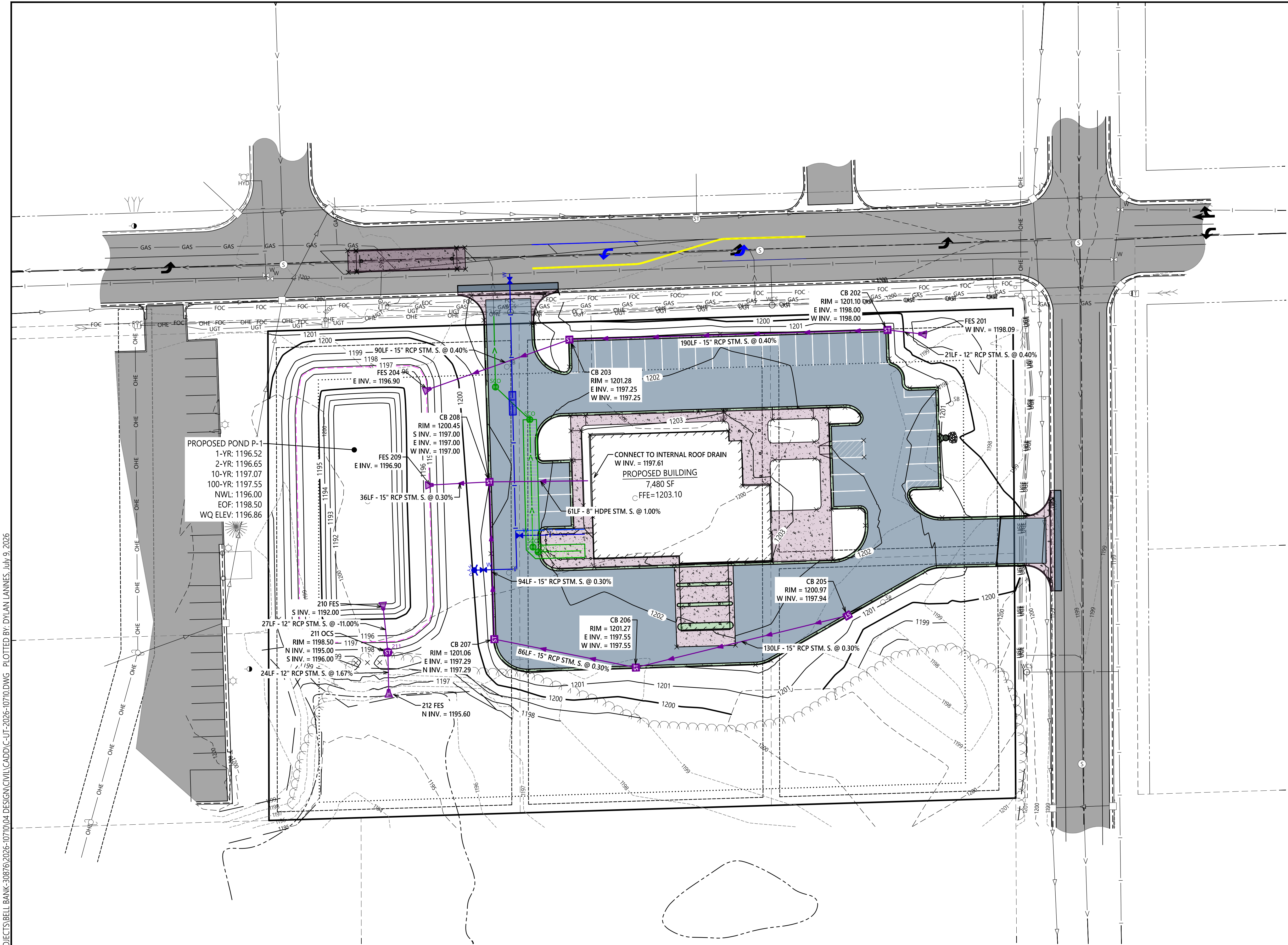
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY OWNER OF ANY DIFFERENCES BETWEEN THE FIELD AND PLAN.
- UNLESS OTHERWISE NOTED, ALL MATERIALS, CONSTRUCTION TECHNIQUES AND TESTING SHALL CONFORM TO THE 2023 EDITION OF THE "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION, WATERMAIN AND SERVICE LINE INSTALLATION AND SANITARY SEWER AND STORM SEWER INSTALLATION" AS PUBLISHED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA AND THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AS PUBLISHED BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION, 2020 EDITION. THE CONTRACTOR SHALL REQUIRE ALL PROCEDURES AS OUTLINED BY THE LOCAL AGENCY.
- THE CONTRACTOR SHALL RECEIVE THE NECESSARY PERMISSION/PERMITS FOR ALL WORK LOCATED OUTSIDE OF THE MUNICIPAL RIGHT-OF-WAY AND PROPERTY LIMITS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERT LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION.

PARKING COUNT				
STRAIGHT STALLS (90°)	ANGLED STALLS (0°, 30°, 45°, 60°)	Boat Mooring Spaces	ADA STALLS	TOTAL PARKING STALLS
Existing Parking Conditions				
0		0	0	0
Proposed Parking Conditions				
31	0	0	2	31



DATE	REV#	REVISIONS	DESCRIPTION

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PROPOSED UTILITIES LEGEND

- SANITARY CLEANOUT
- SANITARY GRAVITY PIPE
- HYDRANT
- WATER MAIN VALVE
- WATER MAIN PIPE
- STORM SEWER CATCH BASIN
- STORM SEWER MANHOLE
- STORM SEWER GRAVITY MAIN
- WATER SERVICE PIPE

GENERAL UTILITIES PLAN NOTES

- THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C1/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
- THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW ALL PROCEDURES AS OUTLINED BY THE LOCAL AGENCY AND THE MINNESOTA PLUMBING CODE, LATEST VERSION.
- THE ENGINEER HAS MADE AN ATTEMPT TO SHOW ALL PUBLIC UTILITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT. PUBLIC UTILITIES SHOWN ON THIS PLAN WERE DRAWN USING FIELD SURVEY INFORMATION AND MAPS PROVIDED TO THE ENGINEER BY THE UTILITY COMPANIES AS A RESULT OF A GOPHER STATE ONE CALL DESIGN LOCATE REQUEST. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE LOCATIONS PRIOR TO CONSTRUCTION.
- PRIVATE UTILITY LOCATES ARE TO BE COORDINATED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION LOCATES AND SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AT LEAST 48 HOURS BEFORE CONSTRUCTION.
- WATER LINES SHALL BE INSTALLED WITH A MINIMUM OF 8.5 FEET OF COVER.
- UTILITY SERVICES TERMINATE 5 FEET OUTSIDE THE BUILDING WALL UNLESS OTHERWISE STATED. SEE ARCHITECTURAL PLAN OR MECHANICAL PLAN FOR EXACT LOCATION AND CONSTRUCTION DETAILS FROM BUILDING WALL TO 5 FEET OUTSIDE BUILDING WALL. COORDINATE SERVICE LOCATION ENTRIES WITH THE MECHANICAL ENGINEER.
- ALL MATERIALS AND FITTINGS SHALL MEET MINNESOTA PLUMBING CODE, LATEST VERSION. SANITARY GRAVITY PIPE SEWER SHALL BE PVC SCHEDULE 40 MEETING ASTM F794. WATERMAIN SHALL BE PVC C900 MEETING AWWA C900 AND ASTM F1784.

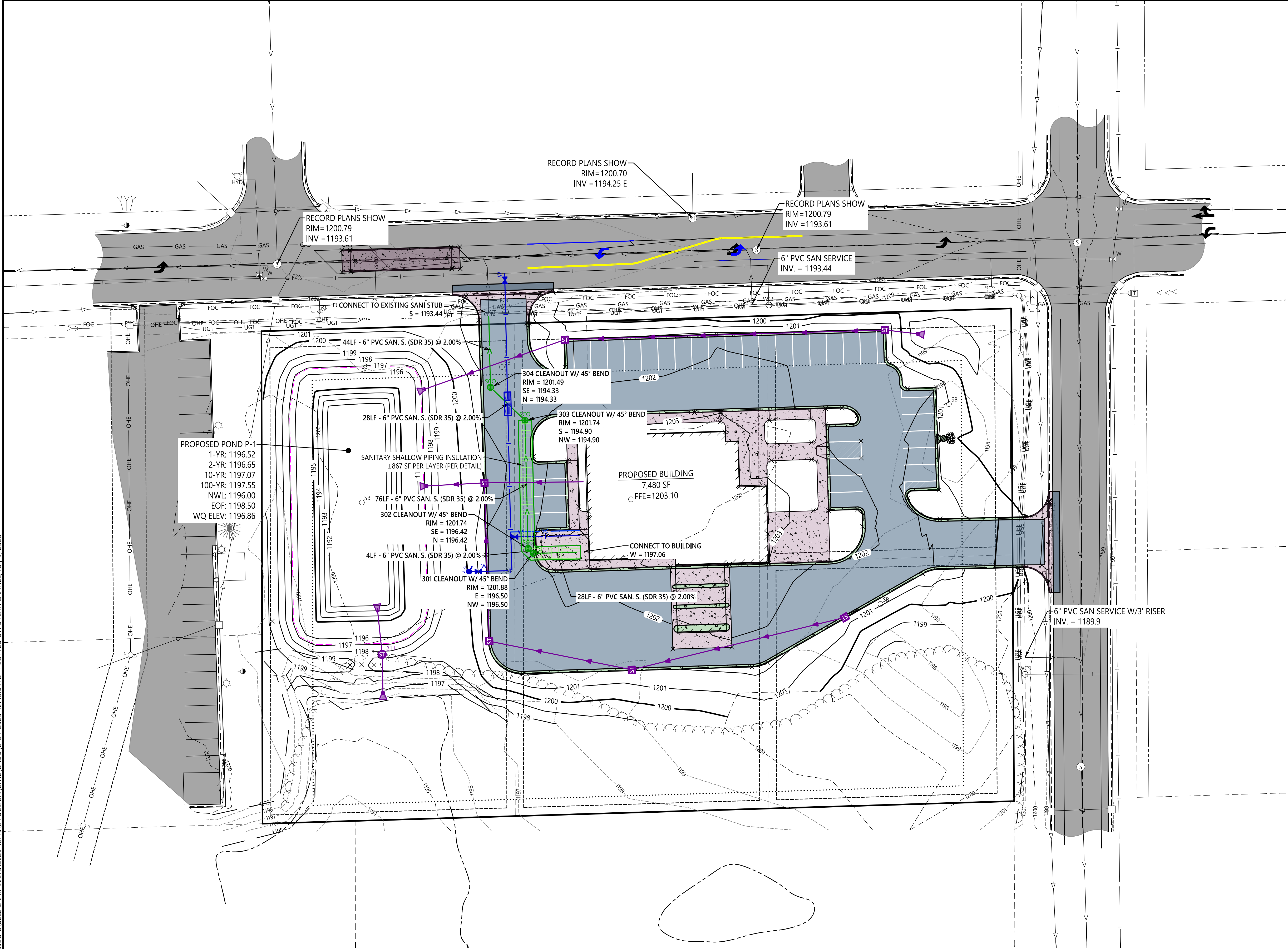


DRAWN BY: DML
CHECKED BY: CJD
CHRISTOPHER J. DAHN LIC. NO.: 58628 DATE: 07/09/2026

DATE	REV#	REVISIONS DESCRIPTION

BELL BANK
UTILITY PLAN - STORM

C6.01
PROJECT #: 2026-10710



PROPOSED UTILITIES LEGEND

- SANITARY CLEANOUT
- SANITARY GRAVITY PIPE
- HYDRANT
- WATER MAIN VALVE
- WATER MAIN PIPE
- STORM SEWER CATCH BASIN
- STORM SEWER MANHOLE
- STORM SEWER GRAVITY MAIN
- WATER SERVICE PIPE

GENERAL UTILITIES PLAN NOTES

- THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C1/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
- THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW ALL PROCEDURES AS OUTLINED BY THE LOCAL AGENCY AND THE MINNESOTA PLUMBING CODE, LATEST VERSION.
- THE ENGINEER HAS MADE AN ATTEMPT TO SHOW ALL PUBLIC UTILITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT. PUBLIC UTILITIES SHOWN ON THIS PLAN WERE DRAWN USING FIELD SURVEY INFORMATION AND MAPS PROVIDED TO THE ENGINEER BY THE UTILITY COMPANIES AS A RESULT OF A GOPHER STATE ONE CALL DESIGN LOCATE REQUEST. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE LOCATIONS PRIOR TO CONSTRUCTION.
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- UTILITY SERVICES TERMINATE 5 FEET OUTSIDE THE BUILDING WALL UNLESS OTHERWISE STATED. SEE ARCHITECTURAL PLAN OR MECHANICAL PLAN FOR EXACT LOCATION AND CONSTRUCTION DETAILS FROM BUILDING WALL TO 5 FEET OUTSIDE BUILDING WALL. COORDINATE SERVICE LOCATION ENTRIES WITH THE MECHANICAL ENGINEER.
- ALL MATERIALS AND FITTINGS SHALL MEET MINNESOTA PLUMBING CODE, LATEST VERSION. SANITARY GRAVITY PIPE SEWER SHALL BE PVC SCHEDULE 40 MEETING ASTM F794. WATERMAIN SHALL BE PVC C900 MEETING AWWA C900 AND ASTM F1784.

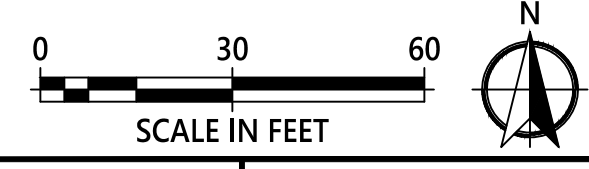
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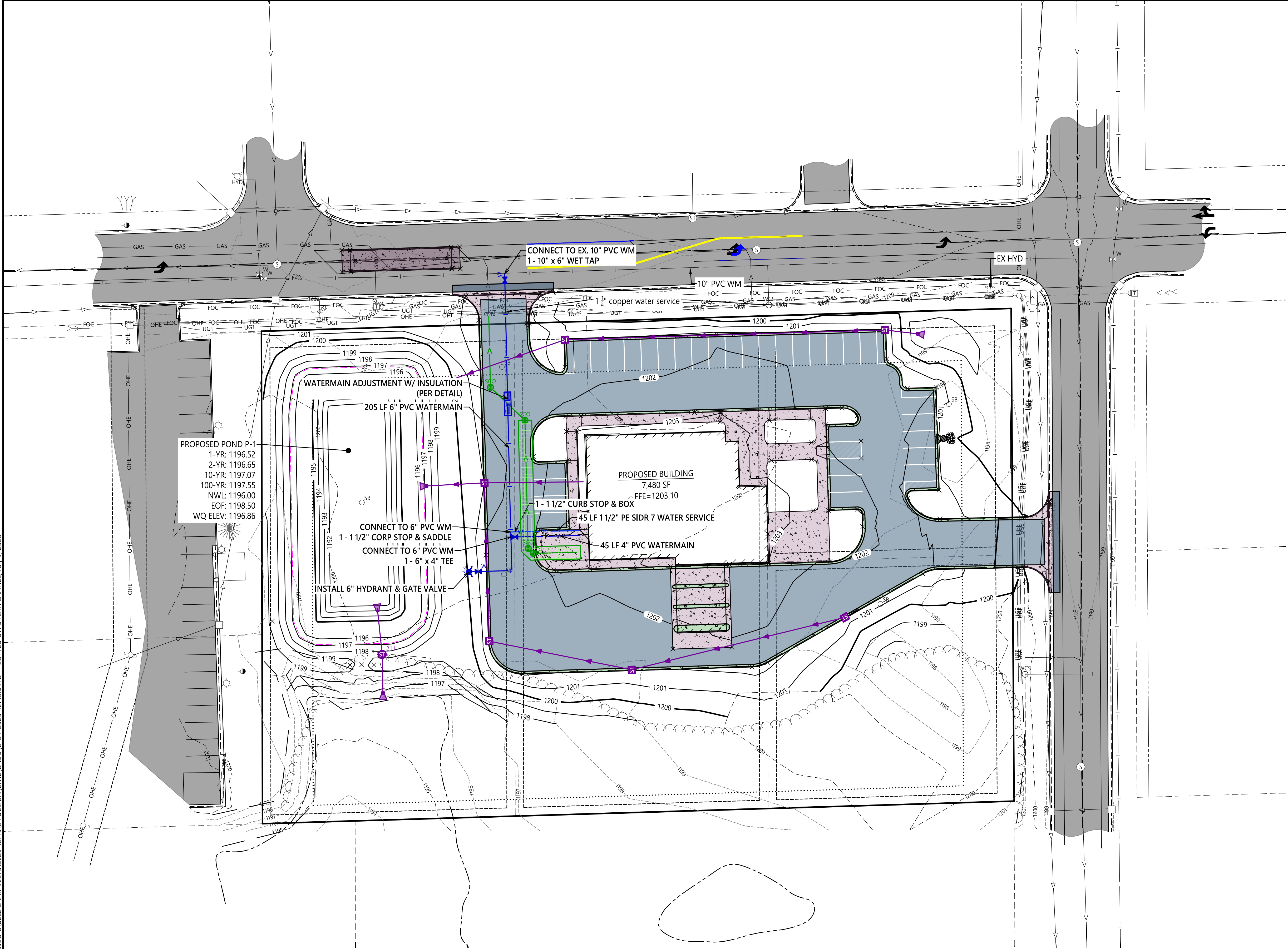
DRAWN BY: DML
CHECKED BY: CJD
CHRISTOPHER J. DAHN LIC. NO.: 58628 DATE: 07/09/2026

DATE	REV#	REVISIONS DESCRIPTION

BELL BANK
UTILITY PLAN - SANITARY



C6.02
PROJECT #: 2026-10710



DATE	REV#	REVISIONS DESCRIPTION

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GENERAL CONSTRUCTION ACTIVITY

Project Name: BELL BANK

Project Location:
PIDs: 40050529, 40050528, 40050527, 40050526 (SW of Intersection of Clearwater Rd & Golf Course Dr)
Baxter, MN 56425
Crow Wing County
46.361520, -94.240974

Project Description: The project consists of mass grading, construction of a building, construction of a parking lot, construction of wet sedimentation basin, utility installation, turf establishment.

The existing site consists of meadow area with no existing impervious area. The existing grades of the site generally slopes from north to south.

The overall grading and storm water runoff will be changed to adjust for the proposed site. Runoff will be directed to the proposed wet sedimentation basin to the west, and ultimately be directed to the south in the existing wetland. The total impervious of the site being disturbed is shown below.

Seeding, mulch, and fertilizer will be used for temporary and permanent stabilization. Flocculants and other chemicals are not anticipated to be used on this project.

Total acres of disturbed area = 2.30 acres
Pre-construction acres of impervious surface = 0.14 acres (Wetland Area)
Post-construction acres of impervious surface = 1.49 acres (Includes Wetland Area)
Total new acres of impervious surface = 1.35 acres

RECEIVING WATERS

There are no surrounding impaired waters within 1 mile of the project.

Wetland areas will be protected with double row silt protection, which may include silt fence, bioroll, or earthen berms. Drainage ditches and construction exits will be established where needed. All disturbed areas will be covered with turf (seed, mulch, and fertilizer).

PROJECT CONTACTS

Owner:
Contact Name: _____
Address: _____
Phone: _____
Email: _____

Contractor:
To be determined
Contact Name:
Address:
Phone:
Email:

SWPPP Designer:
Widseth, Inc.
Dylan Lannes, EIT
13076 1st Street
Becker, MN 55308
763-270-6147
dylan.lannes@widseth.com
(UMN Erosion and Stormwater Management Design of Construction SWPPP certification - expires May 31, 2029)

Site Manager / Contractor's Erosion Control Supervisor:
Name:
Training Dates:
Instructor(s):
Content/Hours:

BMP Installer:
Name:
Training Dates:
Instructor(s):
Content/Hours:

Other:
MPCA Staff
Name: Teri Roth
Phone: 507-206-2661
Email: teresa.roth@state.mn.us

State Duty Officer
800-422-0798
651-649-5451

SOILS INFORMATION:

According to the NRCS Web Soil Survey, soils on site primary consist of Lougee-Barber-Guida complex, 0 to 6 percent slopes & Barber-Urban land complet, 0 to 3 percent slopes.

SEDIMENT AND EROSION CONTROL PRACTICES:

The contractor/ECS is responsible for the sediment and erosion control practices contained in the NPDES permit. Sediment control practices must be installed on all down gradient perimeters before any up gradient land disturbing activities begin. These practices must remain in place until Permit Termination Conditions have been established.

The timing of installation of sediment control practices may be adjusted to accommodate short-term activities, such as clearing and grubbing or passage of vehicles. Short-term activities must be completed as quickly as possible, and practices must be installed immediately after the activity is completed. However, these practices must be installed before the next precipitation event even if the activity is not complete.

Temporary sediment control devices for this project will primarily include the following:

Silt fence for primary perimeter control
Biorolls for secondary perimeter control
Storm drain inlet protection
Stabilized construction exits

The contractor/ECS must plan for, and implement, appropriate construction phasing, vegetative buffer strips, horizontal slope grading, and other construction practices that minimize erosion. The location of areas not to be disturbed must be delineated (marked) on site prior to construction.

All disturbed/exposed soil areas must be stabilized as soon as possible to limit soil erosion but in no case later than fourteen days after the construction activity in that portion of the site has temporarily or permanently ceased.

Temporary erosion control shall consist of the following:

MnDOT seed mixture Oats (O) at 100 lbs per acre
Fertilizer Type 1 (10-10-20) at 200 lbs per acre
Mulch type 3 at 2 tons per acre

All storm drain inlets must be protected by appropriate BMPs during construction until all sources with potential for discharging to the inlet have been stabilized. Inlet protection may be removed if a specific safety concern has been identified and the procedure as described in the NPDES permit is followed.

Temporary soil stockpiles must have silt fence or other effective sediment controls and cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems or ditches.

Vehicle tracking of sediment from the construction site must be minimized by BMPs such as stone or wood chip pads, concrete or steel wash racks, or equivalent systems. Street sweeping with collection must be used if such BMPs are not adequate to prevent sediment tracking.

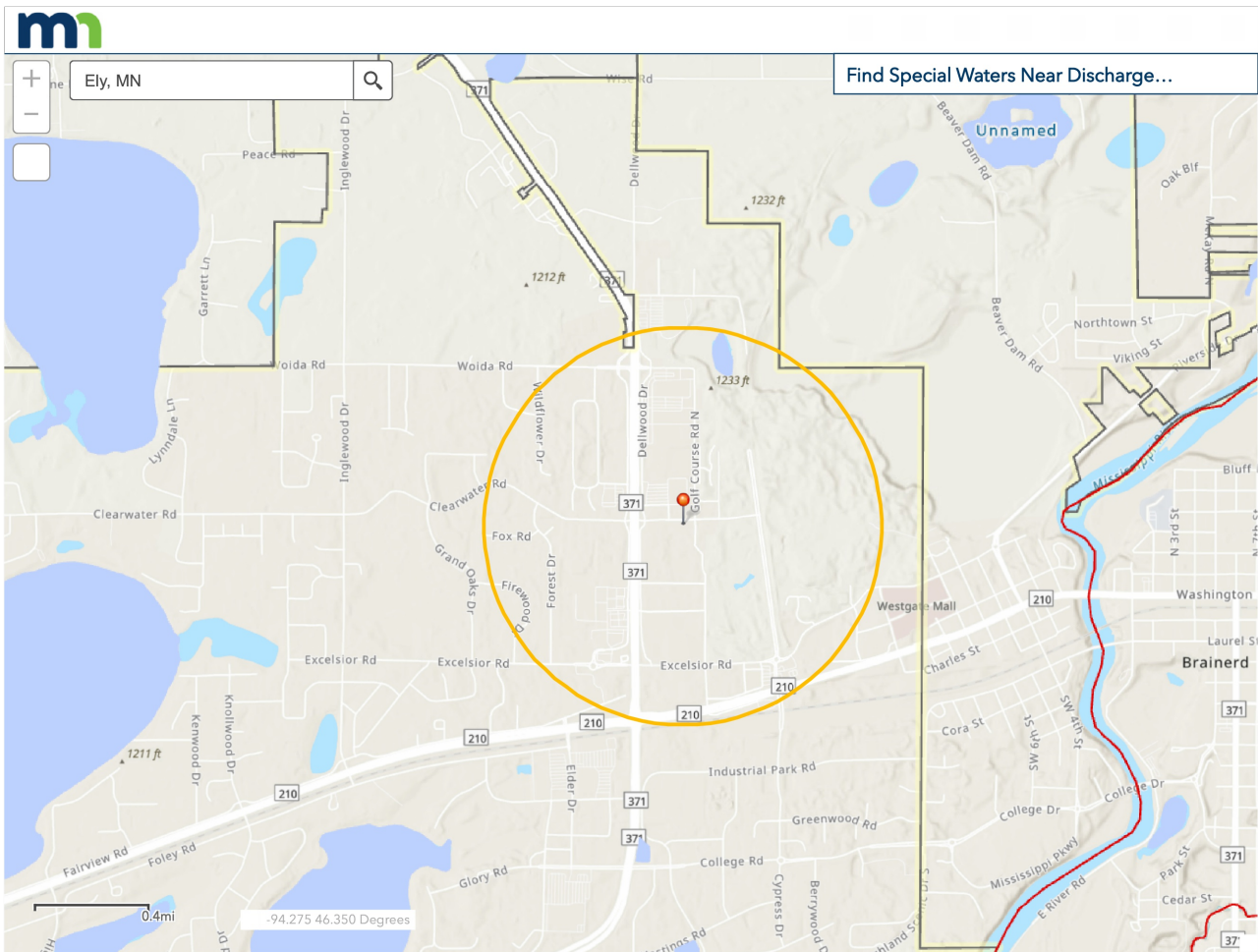
Dewatering related to the construction activity must comply with the NPDES permit. Dewatering discharge that may have turbid or sediment laden discharge must be discharged to a temporary or permanent sedimentation basin on the project site whenever possible, and BMPs must be implemented to prevent water containing sediment or other pollutants from being discharged to surface waters or downstream properties.

Contractor may construct temporary sedimentation basins in accordance with the NPDES permit.

The normal wetted perimeter of any temporary or permanent drainage ditch or swale that drains water from any portion of the construction site, or diverts water around the construction site, must be stabilized within 200 lineal feet from the property edge or from the discharge into any surface water. Stabilization must be completed within 24 hours after connecting to surface water.

Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connecting to a surface water.

Permanent erosion control shall consist of the following:
Seed mixture Northern Boulevard: 220 lbs per acre
Seed mixture Southern boulevard: 160 lb/ac.
Seed mixture Two-year Cover Crop: 25 lb/ac.
Seed mixture Patch Mix: 30 lb/ac.
Seed mixture Residential Turfgrass: 200 lb/ac.
Seed mixture Mesic Inslope: 65 lb/ac.
Seed mixture High-traffic inslope: 60 lb/ac.
Seed mixture Sandy inslope: 65 lb/ac.
Seed mixture Wet ditch: 20 lb/ac.
Seed mixture Southern shortgrass roadside: 26 lb/ac.
Fertilizer type 1 350 lbs per acre
Mulch type 1 2 tons per acre



EROSION CONTROL SUPERVISOR REQUIREMENTS:

The contractor must identify an Erosion Control Supervisor (ECS) who is knowledgeable and experienced in the application of erosion and sediment control Best Management Practices (BMPs). The ECS must work with the contractor to oversee and implement the SWPPP and the installation, inspection, and maintenance of erosion and sediment control BMPs before, during, and after construction.

The contractor/ECS is required to comply with all applicable training requirements of the NPDES permit. The permittee(s) shall ensure that employees are properly trained with certification proof. The contractor/ECS shall develop a chain of responsibility with all operators on the site to ensure that the SWPPP will be implemented and stay in effect until the project site has undergone permit termination.

The contractor/ECS must routinely inspect the entire construction site at least once every seven days during active construction and within 24 hours after a rainfall event greater than 0.5 inch in 24 hours. The contractor/ECS shall take immediate action to eliminate any deficiencies found during these inspections. Inspections, maintenance, and documentation must be in accordance with the NPDES permit. Copies of the inspection records must be submitted to the engineer.

The contractor/ECS must amend the SWPPP as necessary to include additional requirements, such as additional or modified BMPs, designed to correct problems or address situations in accordance with the NPDES permit. The contractor shall have a petroleum release plan and have all necessary materials on hand to implement the plan. All employees shall be trained in implementation of the plan. The MPCA must be informed of any petroleum spills greater than five gallons.

TMDL IMPLEMENTATION PLANS CONTAINING STORM WATER REQUIREMENTS:

No TMDL Implementation Plans are currently available for the project's receiving waters.

LONG TERM MAINTENANCE:

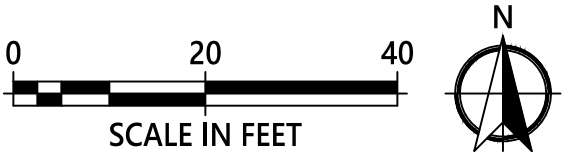
Long term maintenance of the permanent storm water management system will be performed by the owner. Sedimentation basins shall be inspected and maintained annually and cleaned and restored to design grade after one half the storage volume has been filled with sediment. Inlets and outlets shall be monitored and repaired for any erosion or defects that may develop.

CONSTRUCTION PRACTICES TO MINIMIZE STORM WATER AND OTHER POLLUTANT CONTAMINATION:

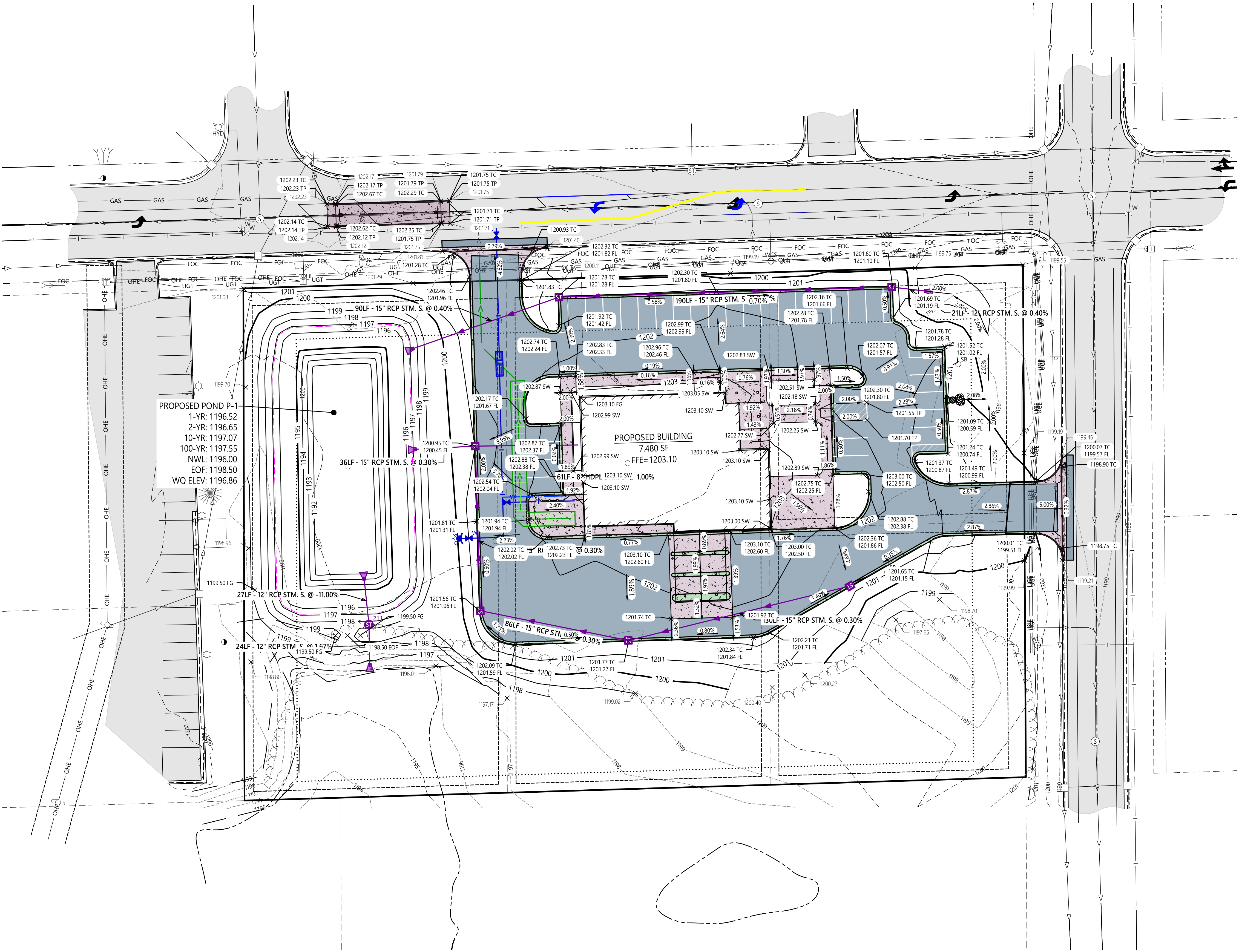
- Each contractor on site is individually responsible for maintaining a clean and safe work environment.
- Stockpiles should be constructed away from slopes and natural drainage ways and have sediment controls at the base.
- Collected solid waste, sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction demolition debris, and other wastes must be disposed of properly and must comply with MPCA disposal requirements.
- No construction materials can be buried on site.
- Licensed sanitary waste management handler must dispose of sanitary waste.
- Fertilizers must be stored in covered locations.
- Restricted access to chemical storage areas must be provided to prevent vandalism.
- All chemicals must be stored in locked containers when not in use.
- Oil, gasoline, paint, and other hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks, or other discharges.
- Storage and disposal of hazardous waste must be in compliance with MPCA regulations.
- Vehicles must be monitored for leaks and preventative maintenance scheduled.
- Spill kits must be available during equipment fueling and maintenance operations.
- External washing of construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.
- Asphalt substances must be applied according to manufacturers recommendations.
- Spray guns must be cleaned on removable surfaces such as tarpaulins.
- Contractor/ECS must make a spill response plan before the application of any chemical that may be harmful to the environment.
- All spills must be reported immediately. Spill clean-up materials must be available on site. Material shall include but not limited to brooms, mops, rags, gloves, absorbent material, sand, plastic and metal containers. Spills that reach storm sewer conveyance systems connected to public waters must be immediately reported to the State Duty Officer.
- Contractor must control weeds on the entire project site.
- Form release oil must be applied over a pallet covered with absorbent material to collect excess fluid. The absorbent material shall be replaced when saturated.
- Dust control must be provided as conditions warrant.
- If this project is not stabilized before winter conditions, it shall be the contractor's responsibility to ensure sediment does not reach public waters. A written plan of this activity shall be presented to the engineer one month prior before expected project shut-down for the season occurs. This plan shall include dates of BMP employment, duration of BMPs employed, and schedule of subsequent BMPs employed.
- All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. The liquid and solid wastes must not contact the ground and not runoff from the concrete washout operations area. A sign must be installed adjacent to the washout facility to inform concrete equipment operators to utilize the proper facilities.

SWPPP AMENDMENTS:

- _____
- _____
- _____
- _____
- _____



WIDSETH ARCHITECTS • ENGINEERS • SCIENTISTS • SURVEYORS	DRAWN BY: DML	I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	DATE	REV#	REVISIONS	DESCRIPTION	BELL BANK	C7.01	
	CHECKED BY: CJD								
		CHRISTOPHER J. DAHN	LIC. NO.: 58628	DATE: 07/09/2026				SWPPP NARRATIVE	PROJECT #: 2026-10710



TOPOGRAPHIC INFORMATION - PROPOSED

- 1230 MAJOR CONTOURS (WITH LABEL)
- 1234 MINOR CONTOURS (WITH LABEL)
- 1234.56 SPOT ELEVATION
- 1.23% SLOPE - PERCENT
- 1:2 SLOPE - RISE : RUN
- 1196.86 WQ CONTOUR @ 1196.86

TOPOGRAPHIC INFORMATION - EXISTING

- 1230 MAJOR CONTOURS
- 1234 MINOR CONTOURS

GENERAL GRADING NOTES

- THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS, GUTTER FLOW LINE OF CURB GUTTER (FL), BACK OF CURB ELEVATIONS (TC), TOP OF SIDEWALK (TW), AND FINISHED SURFACE GRADE, UNLESS OTHERWISE NOTED.
- ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE NOTED ON THE PLANS.
- THE CONTRACTOR SHALL NOTE ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS IN THE FIELD REPRESENTED WITHIN THE PLANS AS SHOWN AND ALERT THE ENGINEER BEFORE BIDDING THE PROJECT AND BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL LOCATE AND VERIFY ALL UTILITIES WHICH MAY AFFECT THIS WORK AND NOTIFY THE OWNER OF ANY CHANGES. CONTACT LOCAL UTILITY COMPANIES FOR EXACT LOCATIONS PRIOR TO BIDDING THE PROJECT AND COMMENCING WORK.
- CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT SILT AND DEBRIS RUN-OFF DURING GRADING OPERATIONS (I.E. SILT FENCE, STRAW BALES, ETC.).
- CONTRACTOR SHALL VERIFY CRITICAL ELEVATIONS TO ENSURE CONFORMANCE WITH GRADING PLAN, PARTICULARLY WITH EXISTING STRUCTURES AND/OR PAVEMENTS TO REMAIN. MEET EXISTING GRADES ALONG STREETS, PROPERTY LINES, AND DRIVEWAY ENTRANCES. RESTORE ALL PAVEMENTS THAT REMAIN TO THEIR ORIGINAL IF NOT BETTER CONDITION. NOTIFY OWNER OF ANY CONFLICTS PRIOR TO BIDDING THE PROJECT.
- 6 PROPOSED SPOT ELEVATIONS ARE TO THE TOP OF CURB UNLESS NOTED OTHERWISE. ELEVATION OF FLOW LINE IS 6" BELOW TOP OF CURB UNLESS OTHERWISE SHOWN.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING QUANTITIES OF CUT, FILL AND WASTE MATERIALS TO BE HANDLED, AND FOR AMOUNT OF GRADING TO BE DONE IN ORDER TO COMPLETELY PERFORM ALL WORK INDICATED ON THE DRAWINGS. IMPORT SUITABLE MATERIAL AND EXPORT UNSUITABLE / EXCESS / WASTE MATERIAL AS REQUIRED. ALL COSTS ASSOCIATED WITH IMPORTING AND EXPORTING MATERIALS SHALL BE INCIDENTAL TO THE CONTRACT.
- IT IS INTENDED THAT EARTHWORK (CUT VS. FILL) **WILL NOT** BALANCE ON SITE. THE CONTRACTOR SHALL SUBMIT THE QUANTITY OF MATERIAL AND AMOUNT OF ANTICIPATED GRADE ADJUSTMENT FOR REVIEW BY THE ENGINEER A MINIMUM OF FOUR WEEKDAYS PRIOR TO MAKING ADJUSTMENTS. ALL GRADE ADJUSTMENTS MUST BE APPROVED BY THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR WORK ASSOCIATED WITH GRADING ADJUSTMENTS, INCLUDING, BUT NOT LIMITED TO, EARTHWORK OPERATIONS, STORM SEWER PIPING AND STRUCTURE ADJUSTMENTS, CONSTRUCTION SURVEYING FOR ADJUSTING FEATURE LOCATIONS ACCORDINGLY, SILT FENCE, ETC.
- CONTRACTOR SHALL MAINTAIN DRAINAGE FROM EXISTING & NEW BUILDING AT ALL TIMES. PROVIDE TEMPORARY STORM SEWER (INCLUDING, BUT NOT LIMITED TO, CATCH BASINS, MANHOLES, PIPING, ETC.) AS REQUIRED. EXISTING STORM SEWER SHALL NOT BE REMOVED UNTIL TEMPORARY OR PERMANENT STORM SEWER IS INSTALLED AND FUNCTIONAL. COORDINATE ALL REMOVALS WITH APPROPRIATE TRADES (SITE UTILITY CONTRACTOR, MECHANICAL CONTRACTOR, ETC.) AS REQUIRED.
- SEE PLAN LEGEND FOR A COMPLETE LIST OF HATCHES AND SYMBOLS USED FOR GRADING.

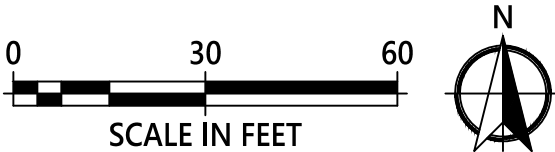
CUT/FILL VOLUME TABLE

ITEM	VALUE
CUT VOLUME (UNADJUSTED)	3406 CU.YD.
FILL VOLUME (UNADJUSTED)	5504 CU.YD.
CUT FACTOR	1.0
FILL FACTOR	1.0
ADJUSTED CUT VOLUME ¹	3406 CU.YD.
ADJUSTED FILL VOLUME ²	5504 CU.YD.
TOTAL CUT/FILL VOLUME ³	2098 CU.YD.

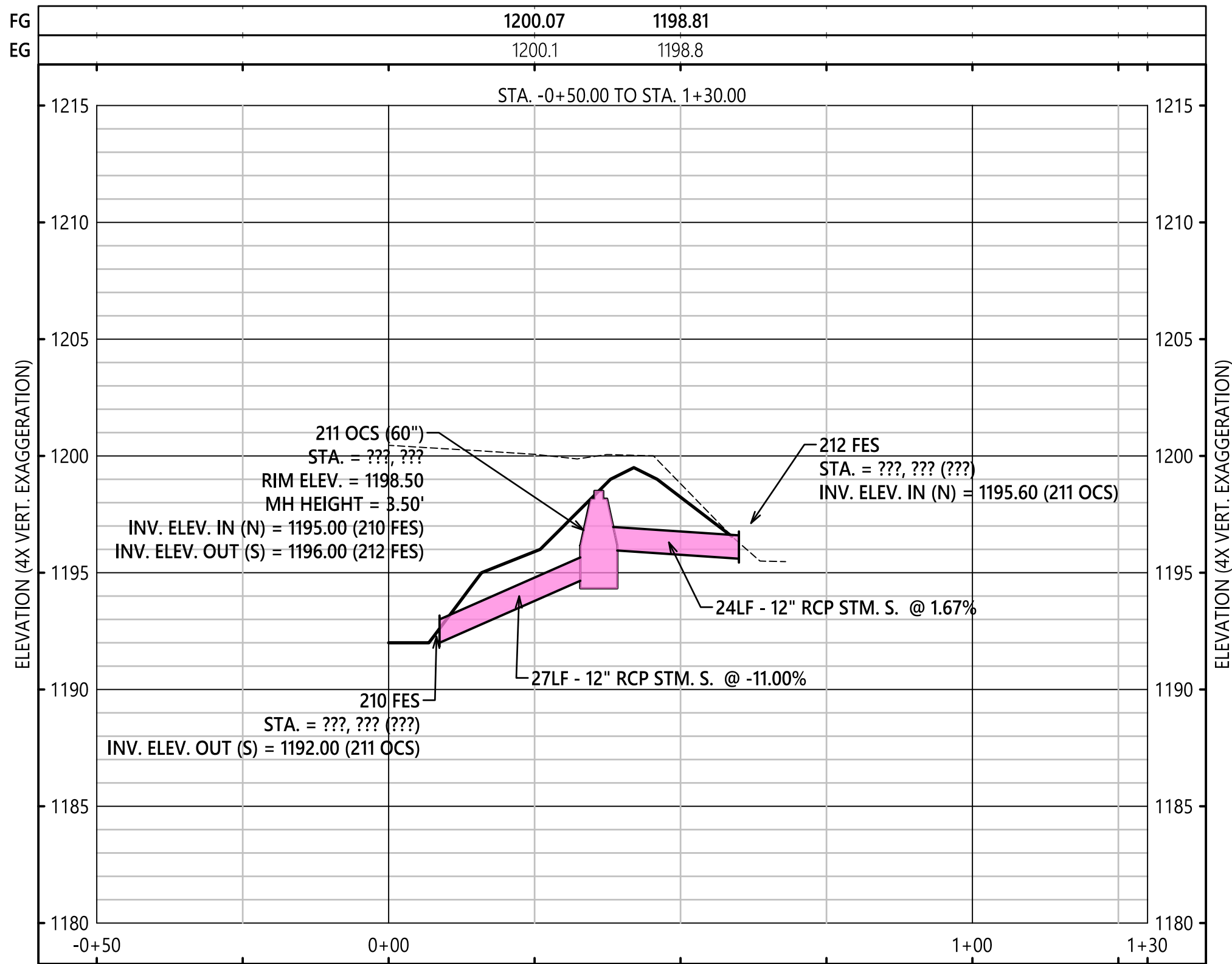
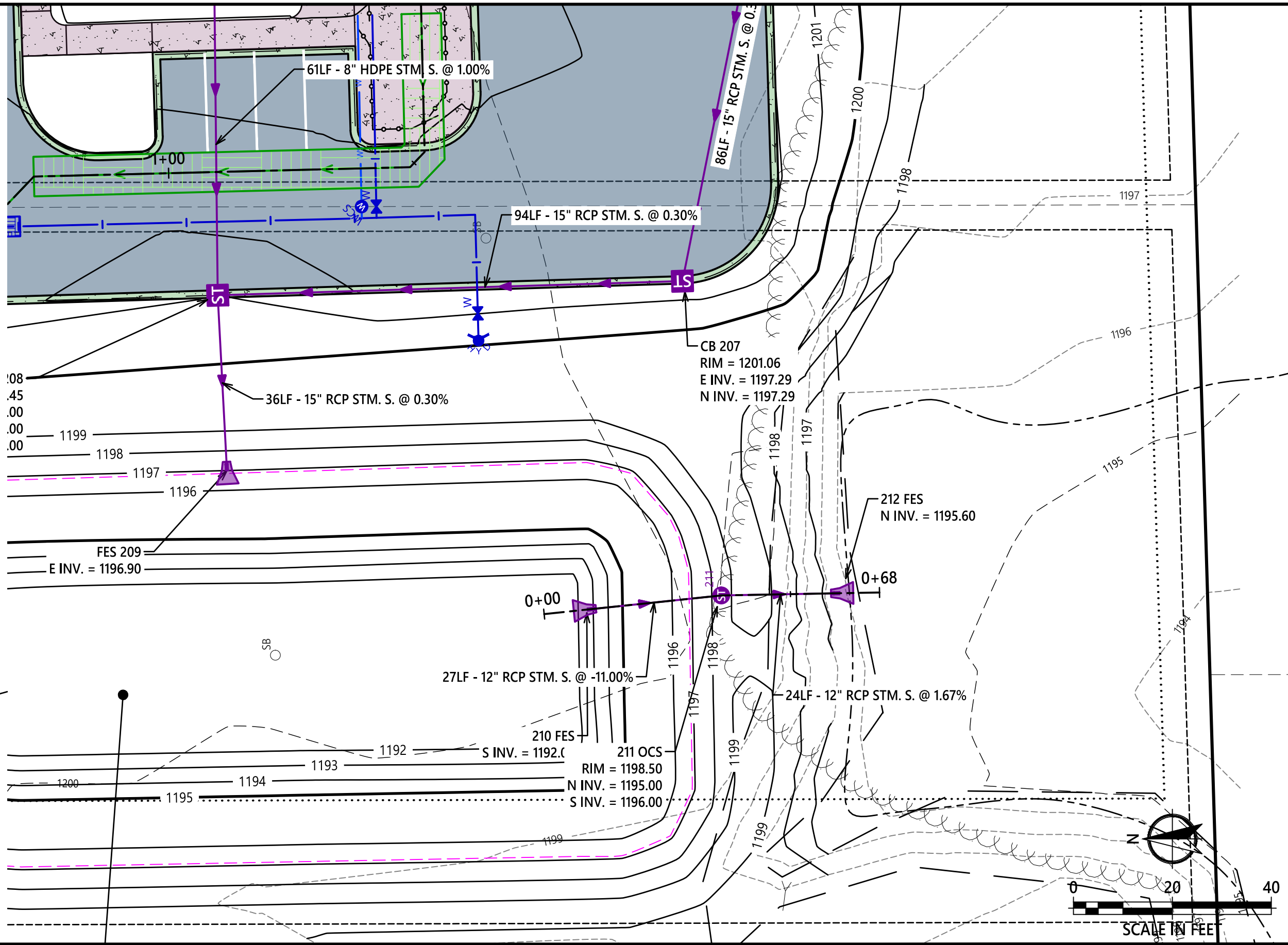
¹ ADJUSTED CUT VOLUME = CUT VOLUME x CUT FACTOR

² ADJUSTED FILL VOLUME = FILL VOLUME x FILL FACTOR

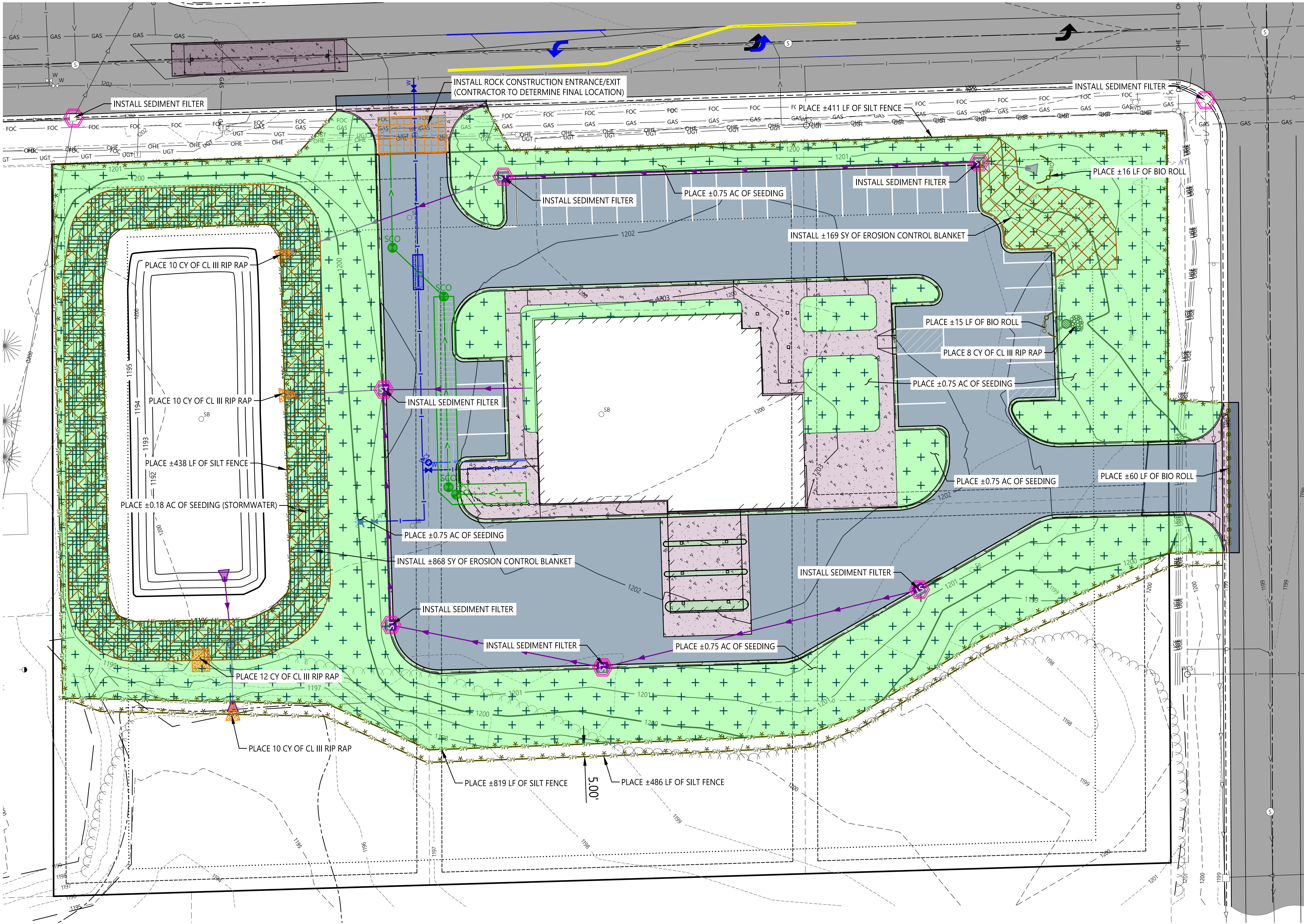
³ NEGATIVE NUMBER (-123, ETC.) DENOTES VOLUME OF MATERIAL TO BE REMOVED FROM THE SITE; POSITIVE (123, ETC.) DENOTES VOLUME OF MATERIAL TO BE DELIVERED TO THE SITE.



DATE	REV#	REVISIONS DESCRIPTION



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EROSION CONTROL LEGEND

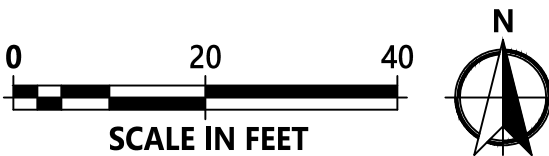
- SURFACE DRAINAGE FLOW DIRECTION ARROW
- STORM DRAIN INLET PROTECTION
- STABILIZED CONSTRUCTION EXIT
- ROLLED EROSION PREVENTION (SEE CALLOUT FOR CATEGORY)
- RANDOM RIPRAP (SEE CALLOUT FOR CLASS)
- SEED MIXTURE <1>
- SEED MIXTURE <2>
- SILT FENCE, TYPE MS
- BIO ROLL

GENERAL EROSION CONTROL NOTES

- THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- ALL SILT FENCE AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. MAINTENANCE AND REMOVAL OF SEDIMENT CONTROL DEVICES SHALL BE INCIDENTAL TO THE GRADING CONTRACT.
- ALL STREETS UTILIZED FOR PROJECT CONSTRUCTION MUST BE CLEANED AT THE END OF EACH DAY. A ROCK ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO THE DETAILS TO REDUCE TRACKING OF SEDIMENT ONTO PUBLIC STREETS. STREET SWEEPING MAY BE NECESSARY AND WILL BE CONSIDERED INCIDENTAL.
- ALL EXPOSED SOILS MUST BE STABILIZED WITHIN 14 CALENDAR DAYS OF ROUGH GRADE COMPLETION OF AFTER CONSTRUCTION TERMINATES. ALL STOCKPILES SHALL HAVE ADEQUATE SEDIMENT TRAPPING SYSTEMS INSTALLED AROUND THEM.
- ALL AREAS TO BE ESTABLISHED TO GRASS COVER SHALL RECEIVE 6" OF TOPSOIL AND SOD OR SEED. THESE AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- INLET PROTECTION SHALL BE INSTALLED AT ALL STORM SEWER INLETS WHICH HAVE A POTENTIAL TO RECEIVE RUNOFF FROM THE CONSTRUCTION SITE.
- CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT SILT AND DEBRIS RUN-OFF DURING GRADING OPERATIONS (I.E. SILT FENCE, STRAW BALES, ETC.).
- FAILURE OF TURF ESTABLISHMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, THE CONTRACTOR SHALL RE-SEED OR RE-SOD ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER.
- SEE PLAN LEGEND FOR A COMPLETE LIST OF HATCHES AND SYMBOLS USED FOR EROSION CONTROL.

GENERAL EROSION CONTROL QUANTITIES

- EROSION CONTROL ENTRANCE: 1 EACH
- INLET PROTECTION: 8 EACH
- TEMPORARY SILT FENCE, MS: 2,154 LF
- TEMPORARY BIO-ROLL: 91 LF
- SEEDING: 0.75 ACRE
- SEEDING (STORMWATER POND): 0.18 ACRE
- EROSION CONTROL BLANKET, 3N: 1,037 SY
- RIP RAP, CL III: 50 CY



DATE	REV#	REVISIONS DESCRIPTION