

Riley Purgatory Bluff Creek Watershed District Permit Application Review

Permit No: 2024-064

Considered at Board of Managers Meeting: October 2, 2024

Received complete: September 3, 2024

Applicant: CenterPoint Energy, Madelyn Nierengarten

Consultant: NA

Project: CenterPoint Energy (CenterPoint) is proposing several waterbody crossings to provide natural gas service.

Location: Coulter Boulevard, Chanhassen, MN

Reviewer: Scott Sobiech, PE, Barr Engineering

Proposed Board Action

Manager _____ moved and Manager _____ seconded adoption of the following resolutions based on the permit report that follows and the presentation of the matter at the October 2, 2024 meeting of the managers. Resolved that the application for Permit 2024-064 is approved, subject to the conditions and stipulations set forth in the Recommendations section of the attached report;

Resolved that on determination by the RPBCWD administrator that the conditions of approval have been affirmatively resolved, the RPBCWD president or administrator is authorized and directed to sign and deliver Permit 2024-064 to the applicant on behalf of RPBCWD.

Upon vote, the resolutions were adopted, _____ [VOTE TALLY].

Rule Conformance Summary

Rule	Issue	Conforms to RBPCWD Rules?	Comments
B	Floodplain Management and Drainage Alterations	Yes	
C	Erosion Control Plan	Yes	
D	Wetland and Creek Buffer	Yes	
G	Waterbody Crossing and Structures	Yes	
L	Permit Fee	Yes	\$3000 received August 8, 2024. The applicant must replenish the permit fee deposit to the original amount due before the permit will be issued. As of September 26, 2024 the amount due is \$1,271

Rule	Issue	Conforms to RBPCWD Rules?	Comments
M	Financial Assurance	See Comment	See rule specific condition M1 related to the performance bond provided for \$10,000 needing revisions.

Project Background

CenterPoint Energy is proposing installation of approximately 796 linear feet of 2-inch-diameter and 1,835 linear feet of 4-inch-diameter pipeline to provide or improve natural-gas service within utility easements, the right-of-way for Coulter Boulevard, and across the Xcel service center facility in Chanhasen. At the same time, CenterPoint will abandon 327 feet of natural gas pipeline of varying diameters within the same area. The new pipeline will be installed using a combination of the directional boring and plow-in trench methods, with additional excavations for tie-ins. Excavations will be approximately 5-foot-wide by 5-foot-long, as needed. The depth of the excavations will be a maximum of 4 feet. Excavated material will be temporarily stored alongside the excavation and backfilled to pre-construction contours upon Project completion.

Because the proposed land disturbing activities do not involve creation of new impervious surface, reconstruction of existing impervious surface, or grading that materially alters stormwater flow at the site boundary, Rule J, subsection 2.2e, RPBCWD stormwater management rule does not impose requirements on this project. In addition, the utility work within the right of way of Coulter Boulevard is within a linear corridor, thus considered a linear project.

The water resources within the project site or downgradient of the proposed activities are summarized in the following table. The table also provides a brief explanation of how each resource is implicated in the permit application review process.

Water resource impacted by proposed project

Water Resource	Projected resource impacts
Northeast Tributary of Bluff Creek	A watercourse with two proposed gas line crossings proposed to be horizontally drilled below the watercourse.
Bluff Creek	A public watercourse with a gas line crossing proposed to be horizontally drilled below the watercourse. The applicant is seeking a project specific permit from the state Department of Natural Resources for this crossing.

The project site information is summarized below:

Description	Area (acres)
Total Site Area	21.82
Existing Site Impervious	9.551
Post-Construction Site Impervious	9.551
Change in Site Impervious Area	0.0

Description	Area (acres)
Disturbed Impervious Surface	0.0
Total Disturbed Area	0.12

Exhibits:

1. Permit Application received August 2, 2024 (applicant was notified of an incomplete application on August 5, 2024; information completing the application was received on September 3, 2024)
2. Project Narrative Memorandum received August 8, 2024
3. Design Plans Sheets dated July 24, 2024 (revision dated August 15, 2024)
4. Site plans dated August 1, 2024 (revised August 15, 2024)
5. Plat for Stone Creek Town Office Condominiums showing drainage and utility easement received September 3, 2024
6. Natural Gas Service Application from Xcel Energy to CenterPoint Energy dated February 15, 2024.
7. Response to comments received September 25, 2024

Response to comments received September 3, 2024 Rule Specific Permit Conditions

Rule B: Floodplain Management and Drainage Alterations

Because the applicant proposes to disturb land below the 100-year flood elevation of Bluff Creek for the excavations associated with boring pits adjacent to Bluff Creek, the project must conform to the requirements in the RPBCWD Floodplain Management and Drainage Alteration rule (Rule B, Subsection 2.1). The boring pits adjacent to northeast tributary of Bluff Creek are outside the 100-year floodplain adjacent to the watercourse and no disturbance or no fill is proposed in the floodplain; therefore the northeast tributary of Bluff Creek crossings do not trigger Rule B.

The proposed work in the Bluff Creek floodplain conforms to Rule B, Subsections 3.1 because no buildings are proposed to be constructed or reconstructed as part of the project. Placement of fill below the 100-year flood elevation is prohibited unless fully compensatory storage at the same elevation for fill in the floodplain of a watercourse and within the floodplain of the same waterbody is provided (Rule B, Subsection 3.2). Because the drawings indicate the site will be restored to preconstruction elevations, the proposed project conforms to Rule B, Section 3.2.

Because the proposed land disturbing activity does not alter surface flows of Bluff Creek, the project conforms to subsection 3.3. Because the applicant does not propose any new or reconstructed impervious surface, Rule B, subsection 3.4 does not impose requirements on the project. The applicant has submitted plans requiring appropriate erosion prevention and sediment control measures in alignment with RPBCWD Rule C (subsection 3.5) A note on the plans requires that activities must be conducted to minimize the potential transfer of aquatic invasive species conforming to Rule B, Subsection 3.6.

The proposed project conforms to the floodplain management and drainage alteration requirements of Rule B.

Rule C: Erosion and Sediment Control

Because the applicant proposes 0.12 acres of land-disturbing activities, the project must conform to the requirements in the RPBCWD Erosion and Sediment Control rule (Rule C, Subsection 2.1).

The plans include installation of perimeter erosion control, vegetation establishment, daily inspection, placement of a minimum of 6 inches of topsoil with 5 percent organic matter, minimization of compaction during construction, and retention of native topsoil onsite. The applicant identified Madelyn Nierengarten (madelyn.nierengarten@centerpointenergy.com, 612.321.4494) as the person responsible for erosion prevention and sediment control during construction.

The proposed project conforms to the erosion and sediment control requirements of Rule C.

Rule D: Wetland and Creek Buffers

Because the proposed work triggers a permit under RPBCWD Rule B and G for the utility crossings rehabilitation work and Bluff Creek is a public waters watercourse, Rule D, Subsections 2.1a and 3.1c require buffer adjacent to the creek.

Bluff Creek flows through the project site and requires an average buffer width of 50 feet from the creek centerline, minimum 30 feet in accordance with Rule D, Subsection 3.2.b.v for a public waters watercourse. Because subsection 3.2f only requires buffer on property owned by the applicant and subject to a RPBCWD permit and CenterPoint Energy does not have land-use rights allowing planting and maintenance of install buffer along Bluff Creek, no buffer can be provided.

Rule G: Waterbody Crossings and Structures

Because the project will horizontally drill below the northeast tributary to Bluff Creek, a watercourse, the project requires conformance with RPBCWD's Waterbody Crossings and Structures Rule (Rule G). Only the criteria in subsections 3.1b, 3.4 and 3.7 imposes requirements on the project. (As noted, CenterPoint is applying for a project-specific permit from the DNR for the crossing under Bluff Creek, so RPBCWD's waterbody-crossing requirements do not apply to that portion of the project under subsection 2.1 of the rule.)

This work addresses a demonstrated need to supply natural gas to the recently constructed Xcel service center facility (Rule G, Subsection 3.1b) because gas service does not currently reach the Xcel site.

Because the applicant provided site plans requiring a 3 foot minimum clear below the bottom of the northeast tributary to Bluff Creek and that the entrance and exit holes (i.e., boring pits) be setback at least 50 feet from the banks of the watercourse, the project complies with Rule G, Subsection 3.4.

The site plan includes a note directing the contractor that no work affecting the creek bed shall occur between March 15 and June 15 as required in Rule G, Subsection 3.7a. Banks will be immediately stabilized after completion of permitted work and revegetated as soon as growing conditions allow (Rule G, Subsection 3.7b). A note is included on the plan sheet indicating the project will be constructed so as to minimize the potential transfer of aquatic invasive species (e.g., zebra mussels, Eurasian watermilfoil, etc.) to the maximum extent possible (Rule G, Subsection 3.7c).

Rule G, Subsection 3.7d requires compliance with the applicable criteria in subsections 3.3 of Rule F. Because the applicant does not propose to disturb the bed or banks of the northeast tributary to Bluff Creek, subsection 3.7d does not impose requirements on the project.

The permit applicant provided a draft maintenance declaration for the waterbody crossing for RPBCWD approval, in accordance with Rule G, Section 5. Because the proposed installation of the gas line using horizontal drilling does not result in maintenance requirements for ongoing water resource protection, Rule G, Subsection 5 does not impose requirements on the project. The proposed project conforms to the waterbody crossings and structures requirements of Rule G.

Rule L: Permit Fee Deposit:

The RPBCWD permit fee schedule adopted in February 2020 requires permit applicants to deposit \$3,000 to be held in escrow and applied to cover the \$10 permit-processing fee and reimburse RPBCWD for permit review and inspection-related costs and when a permit application is approved, the deposit must be replenished to the applicable deposit amount by the applicant before the permit will be issued to cover actual costs incurred to monitor compliance with permit conditions and the RPBCWD Rules. A permit fee deposit of \$3,000 was received on August 5, 2024. The applicant must replenish the permit fee deposit to the original amount due before the permit will be issued. Subsequently, if the costs of review, administration, inspections and closeout-related or other regulatory activities exceed the fee deposit amount, the applicant will be required to replenish the deposit to the original amount or such lesser amount as the RPBCWD administrator deems sufficient within 30 days of receiving notice that such deposit is due. The administrator will close out the relevant application or permit and revoke prior approvals, if any, if the permit-fee deposit is not timely replenished.

- L1. The applicant must replenish the permit fee deposit to the original amount due before the permit will be issued. As of September 26, 2024 the amount due is \$1,271.

Rule M: Financial Assurance:

	Unit	Unit Cost	# of Units	Total
Rule C: Erosion Control				
Perimeter Control	LF	\$2.50	1,650	\$4,125
Restoration	Ac	\$2,500	0.12	\$300
Contingency (10%)		10%		\$442
Total Financial Assurance				\$4,867

CenterPoint Energy wants to rely on an existing performance bond (Bond no. 022232328) dated February 2022 in the amount of \$10,000 for the financial assurance for this permit. While the bond amount is sufficient to cover this permit, RPBCWD legal counsels review of the existing bond identified several shortcomings (e.g., no permit(s) identified; no applicable rules are identified; and drafting errors). The following revisions are needed in the financial assurance document:

M1. Provide a revised draft performance bond addressing the above shortcomings for RPBCWD review and approval prior to execution.

Applicable General Requirements:

1. The RPBCWD Administrator and Engineer shall be notified at least three days prior to commencement of work.
2. Construction must be consistent with the plans, specifications, and models that were submitted by the applicant that were the basis of permit approval. The date(s) of the approved plans, specifications, and modeling are listed above and on the permit. The granting of the permit does not in any way relieve the permittee, its engineer, or other professional consultants of responsibility for the permitted work.
3. The grant of the permit does not relieve the permittee of any responsibility to obtain approval of any other regulatory body with authority.
4. The issuance of this permit does not convey any rights to either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
5. In all cases where the doing by the permittee of anything authorized by this permit involves the taking, using or damaging of any property, rights or interests of any other person or persons, or of any publicly owned lands or improvements or interests, the permittee, before proceeding therewith, must acquire all necessary property rights and interest.
6. RPBCWD's determination to issue this permit was made in reliance on the information provided by the applicant. Any substantive change in the work affecting the nature and extent of applicability of RPBCWD regulatory requirements or substantive changes in the methods or means of compliance with RPBCWD regulatory requirements must be the subject of an application for a permit modification to the RPBCWD.
7. If the conditions herein are met and the permit is issued by RPBCWD, the applicant, by accepting the permit, grants access to the site of the work at all reasonable times during and after construction to authorized representatives of the RPBCWD for inspection of the work.

Findings

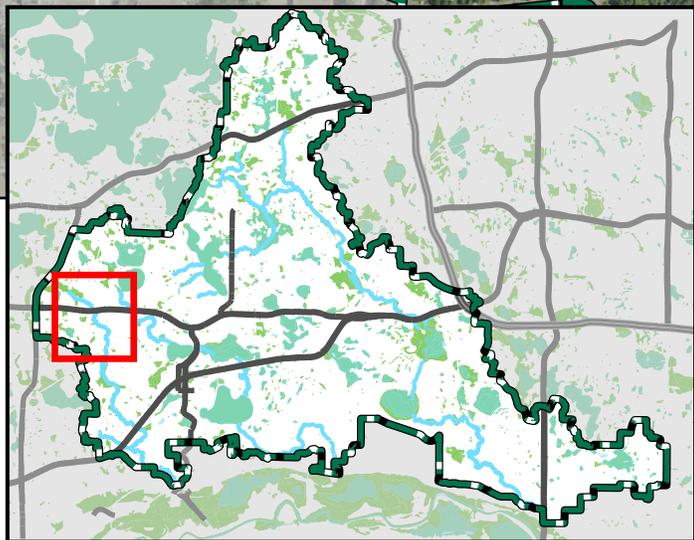
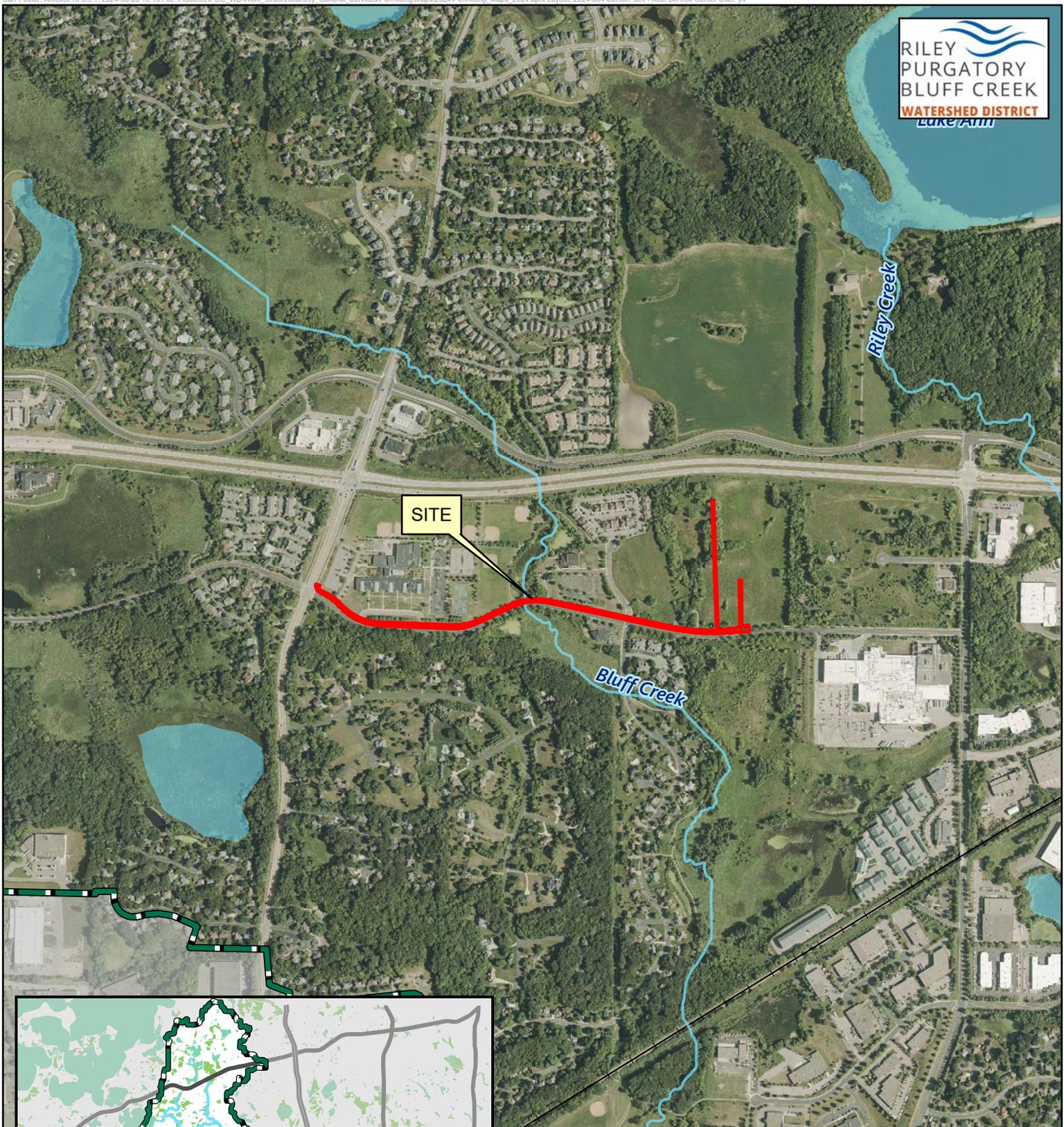
1. The proposed project includes the information necessary, plan sheets and erosion control plan for review.
2. The proposed project conforms to Rules B, C, D and G.
3. The proposed project will conform to Rule M if the condition listed above is met.

4. The work for Bluff Creek crossing triggers state regulatory requirements administered by the Department of Natural Resources (i.e., require a Work in Public Waters permit). The applicant is pursuing obtaining the necessary DNR approval.

Recommendation:

Approval of the permit contingent upon:

1. Continued compliance with General Requirements.
2. Receipt of a revised draft performance bond and addresses the above shortcomings for RPBCWD review and approval. After RPBCWD approval, the applicant must provide RPBCWD a legally executed document.
3. The applicant must replenish the permit fee deposit to the original amount due before the permit will be issued. As of September 26, 2024 the amount due is \$1,271.



Feet



Permit Location Map

CENTERPOINT - XCEL

SERVICE CENTER

Permit 2024-064

Riley Purgatory Bluff Creek

Watershed District

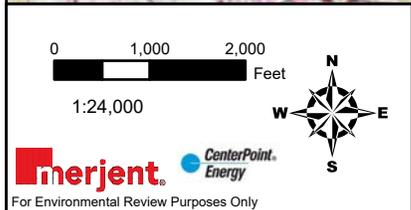
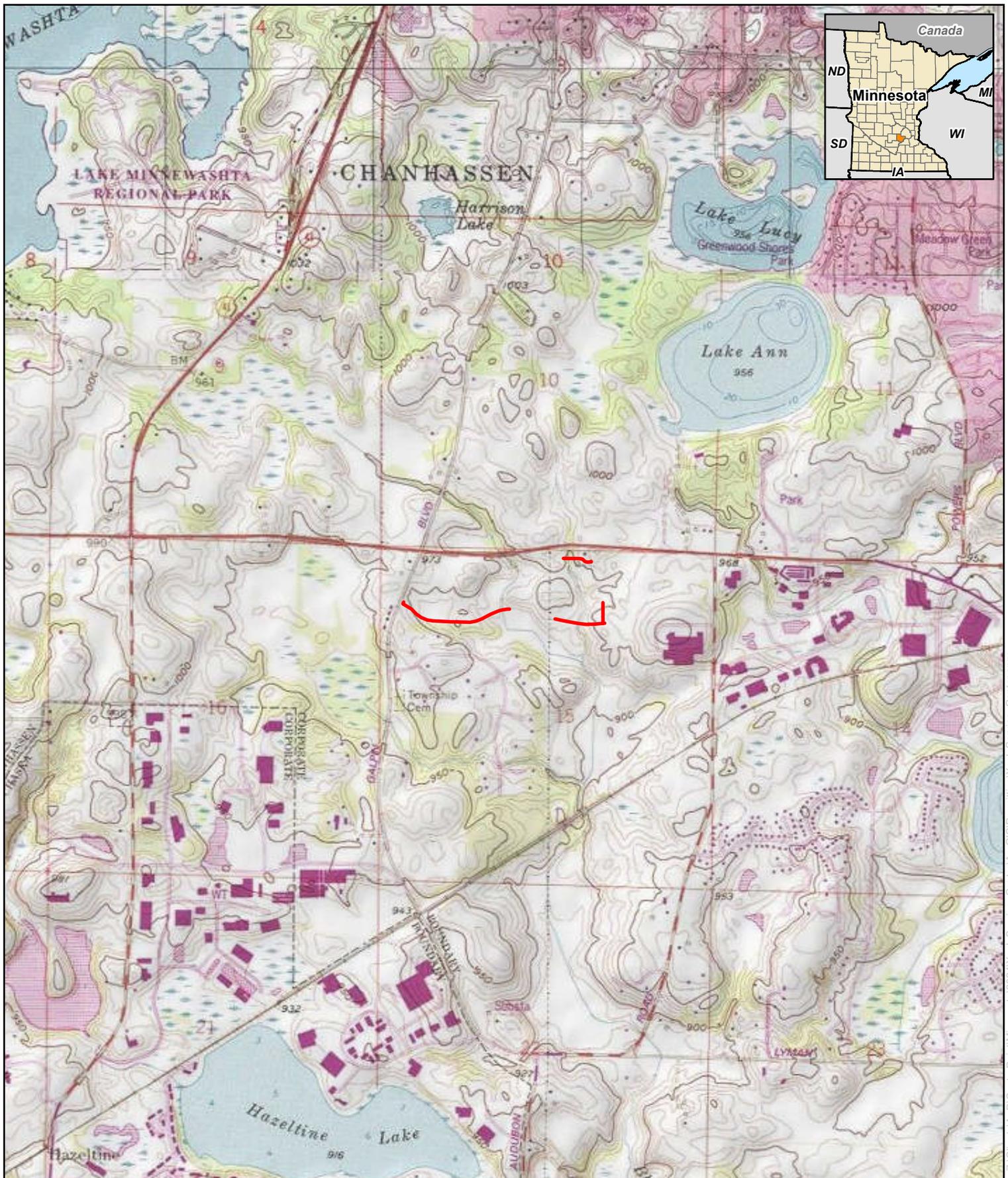
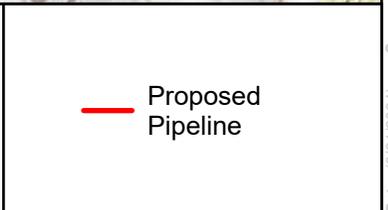
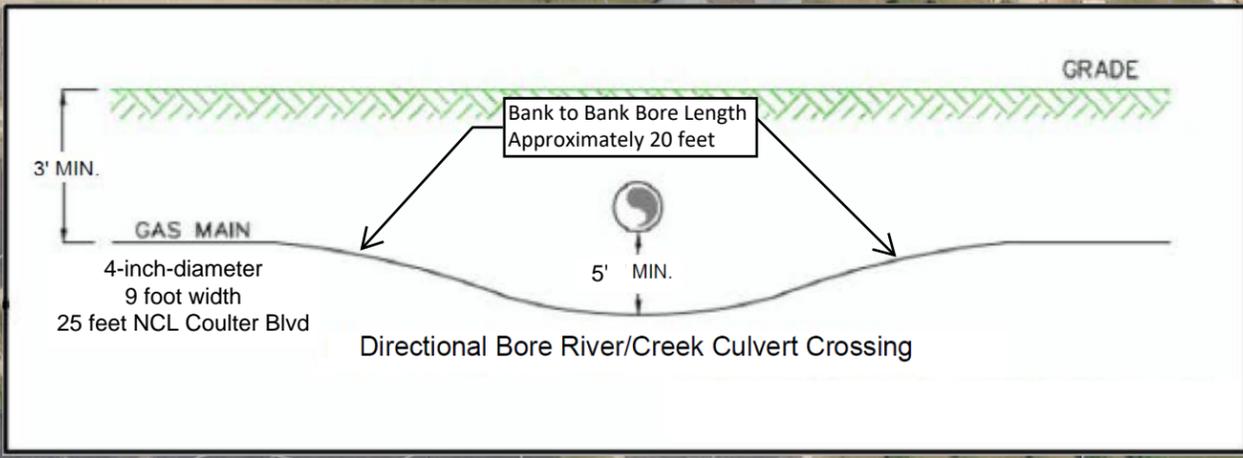
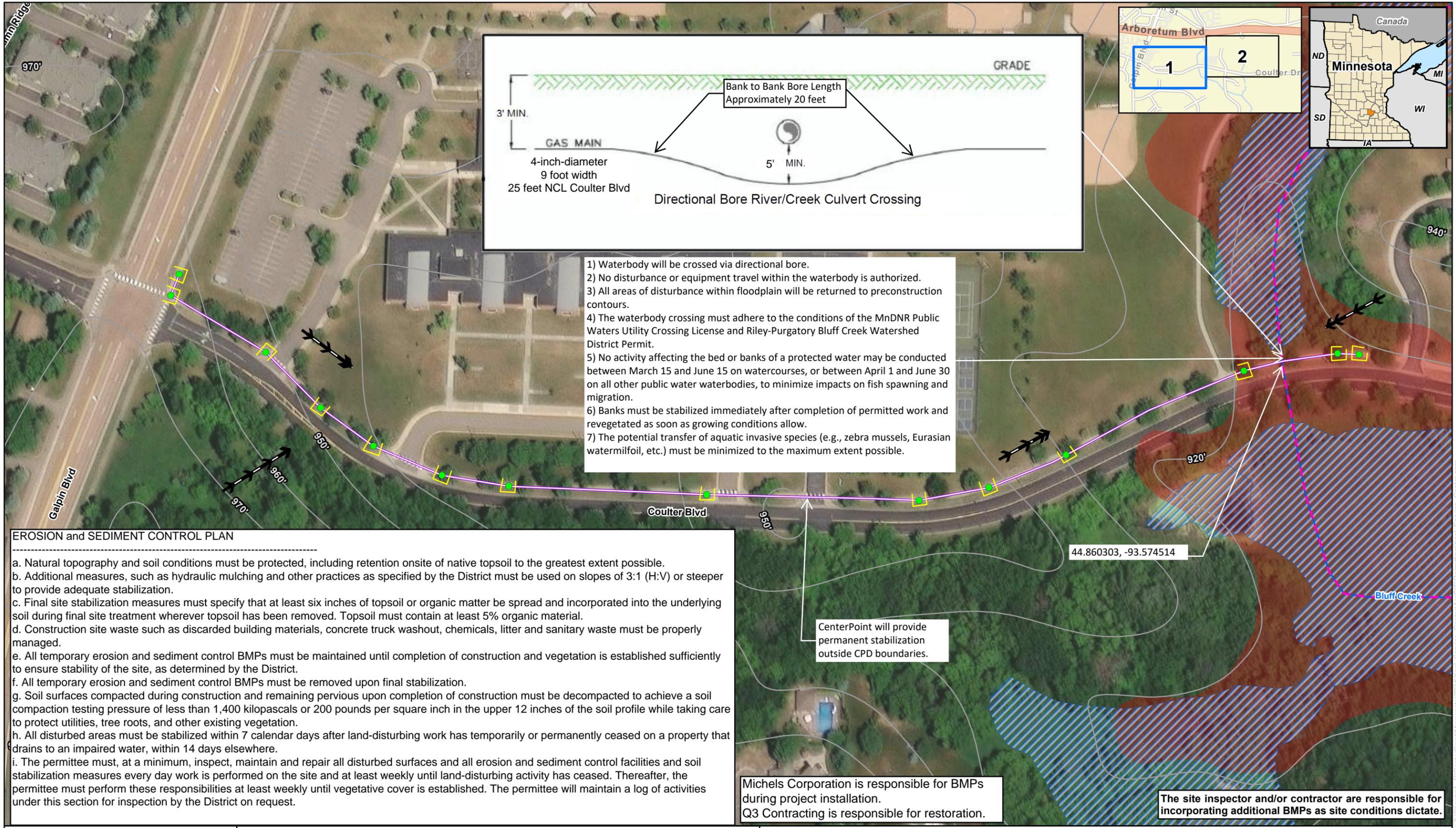


Figure 1: Site Location Map
Xcel Service Center Project (WO# 111375424)
CenterPoint Energy
City of Chanhassen, Carver County, Minnesota





- 1) Waterbody will be crossed via directional bore.
- 2) No disturbance or equipment travel within the waterbody is authorized.
- 3) All areas of disturbance within floodplain will be returned to preconstruction contours.
- 4) The waterbody crossing must adhere to the conditions of the MnDNR Public Waters Utility Crossing License and Riley-Purgatory Bluff Creek Watershed District Permit.
- 5) No activity affecting the bed or banks of a protected water may be conducted between March 15 and June 15 on watercourses, or between April 1 and June 30 on all other public water waterbodies, to minimize impacts on fish spawning and migration.
- 6) Banks must be stabilized immediately after completion of permitted work and revegetated as soon as growing conditions allow.
- 7) The potential transfer of aquatic invasive species (e.g., zebra mussels, Eurasian watermilfoil, etc.) must be minimized to the maximum extent possible.

EROSION and SEDIMENT CONTROL PLAN

- a. Natural topography and soil conditions must be protected, including retention onsite of native topsoil to the greatest extent possible.
- b. Additional measures, such as hydraulic mulching and other practices as specified by the District must be used on slopes of 3:1 (H:V) or steeper to provide adequate stabilization.
- c. Final site stabilization measures must specify that at least six inches of topsoil or organic matter be spread and incorporated into the underlying soil during final site treatment wherever topsoil has been removed. Topsoil must contain at least 5% organic material.
- d. Construction site waste such as discarded building materials, concrete truck washout, chemicals, litter and sanitary waste must be properly managed.
- e. All temporary erosion and sediment control BMPs must be maintained until completion of construction and vegetation is established sufficiently to ensure stability of the site, as determined by the District.
- f. All temporary erosion and sediment control BMPs must be removed upon final stabilization.
- g. Soil surfaces compacted during construction and remaining pervious upon completion of construction must be decompacted to achieve a soil compaction testing pressure of less than 1,400 kilopascals or 200 pounds per square inch in the upper 12 inches of the soil profile while taking care to protect utilities, tree roots, and other existing vegetation.
- h. All disturbed areas must be stabilized within 7 calendar days after land-disturbing work has temporarily or permanently ceased on a property that drains to an impaired water, within 14 days elsewhere.
- i. The permittee must, at a minimum, inspect, maintain and repair all disturbed surfaces and all erosion and sediment control facilities and soil stabilization measures every day work is performed on the site and at least weekly until land-disturbing activity has ceased. Thereafter, the permittee must perform these responsibilities at least weekly until vegetative cover is established. The permittee will maintain a log of activities under this section for inspection by the District on request.

Michels Corporation is responsible for BMPs during project installation.
Q3 Contracting is responsible for restoration.

The site inspector and/or contractor are responsible for incorporating additional BMPs as site conditions dictate.

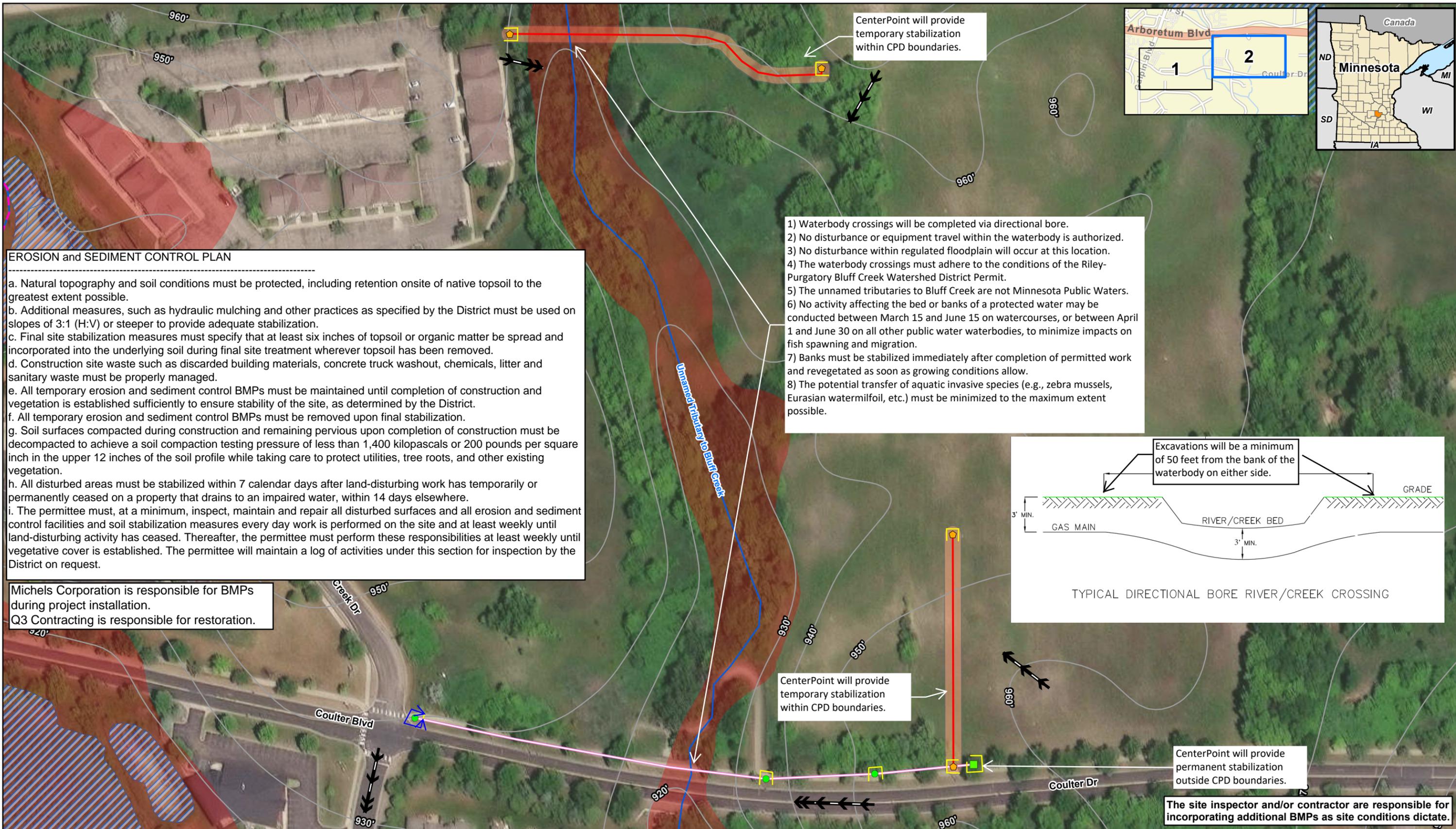
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For Environmental Review Purposes Only

Figure 2: Site Plan
Xcel Service Center Project (WO# 111375424)
CenterPoint Energy
City of Chanhassen, Carver County, Minnesota
Page 1 of 2

● Bore/Tie-In Site	➔ Stormwater Flow	▨ NWI Wetland
■ Cut and Cap	— 10' Contour	■ 1% Annual Chance Flood Hazard
— BMP	— PWI Waterway	■ CPD Overlap Area
— 4" Proposed Pipeline - Bore Method	— NHD Waterbody	

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EROSION and SEDIMENT CONTROL PLAN

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b. Additional measures, such as hydraulic mulching and other practices as specified by the District must be used on slopes of 3:1 (H:V) or steeper to provide adequate stabilization.

c. Final site stabilization measures must specify that at least six inches of topsoil or organic matter be spread and incorporated into the underlying soil during final site treatment wherever topsoil has been removed.

d. Construction site waste such as discarded building materials, concrete truck washout, chemicals, litter and sanitary waste must be properly managed.

e. All temporary erosion and sediment control BMPs must be maintained until completion of construction and vegetation is established sufficiently to ensure stability of the site, as determined by the District.

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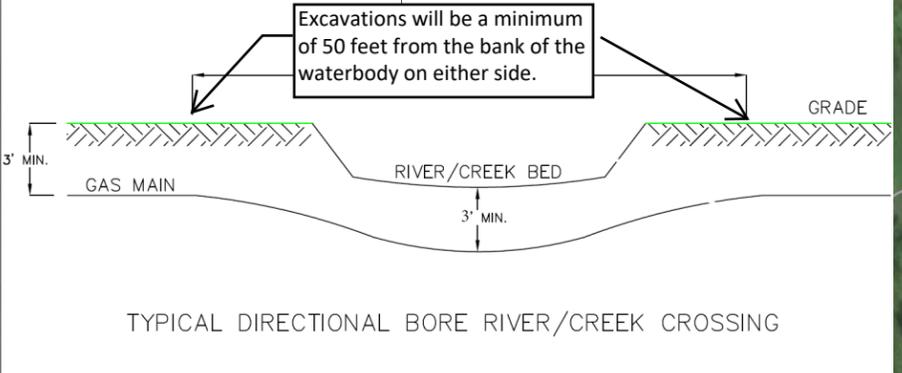
g. Soil surfaces compacted during construction and remaining pervious upon completion of construction must be decompacted to achieve a soil compaction testing pressure of less than 1,400 kilopascals or 200 pounds per square inch in the upper 12 inches of the soil profile while taking care to protect utilities, tree roots, and other existing vegetation.

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i. The permittee must, at a minimum, inspect, maintain and repair all disturbed surfaces and all erosion and sediment control facilities and soil stabilization measures every day work is performed on the site and at least weekly until land-disturbing activity has ceased. Thereafter, the permittee must perform these responsibilities at least weekly until vegetative cover is established. The permittee will maintain a log of activities under this section for inspection by the District on request.

Michels Corporation is responsible for BMPs during project installation.
 Q3 Contracting is responsible for restoration.

- 1) Waterbody crossings will be completed via directional bore.
- 2) No disturbance or equipment travel within the waterbody is authorized.
- 3) No disturbance within regulated floodplain will occur at this location.
- 4) The waterbody crossings must adhere to the conditions of the Riley-Purgatory Bluff Creek Watershed District Permit.
- 5) The unnamed tributaries to Bluff Creek are not Minnesota Public Waters.
- 6) No activity affecting the bed or banks of a protected water may be conducted between March 15 and June 15 on watercourses, or between April 1 and June 30 on all other public water waterbodies, to minimize impacts on fish spawning and migration.
- 7) Banks must be stabilized immediately after completion of permitted work and revegetated as soon as growing conditions allow.
- 8) The potential transfer of aquatic invasive species (e.g., zebra mussels, Eurasian watermilfoil, etc.) must be minimized to the maximum extent possible.



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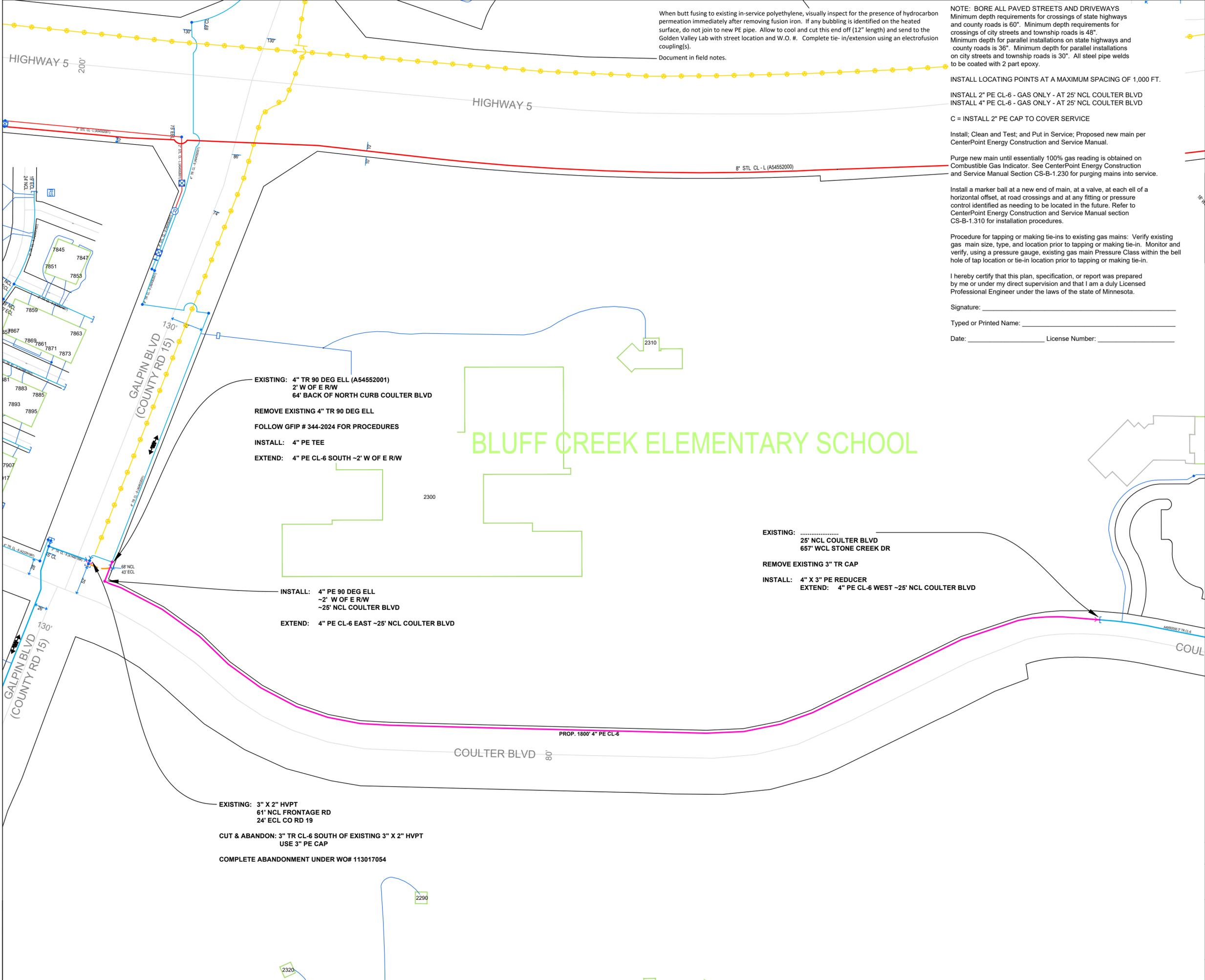
For Environmental Review Purposes Only

Figure 2: Site Plan
Xcel Service Center Project (WO# 111375424)
 CenterPoint Energy
 City of Chanhassen, Carver County, Minnesota
 Page 2 of 2

- Bore/Tie-In Site
- 2" Proposed Pipeline - Bore Method
- NHD Waterbody
- Cut and Cap
- Proposed Service - Bore Method
- ▨ NWI Wetland
- Service Tie-In Excavation
- Stormwater Flow
- 1% Annual Chance Flood Hazard
- BMP
- 10' Contour
- CPD Overlap Area
- PWI Waterway

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CenterPoint Energy

PROPRIETARY AND CONFIDENTIAL

PROJECT #: **111375424**

CITY: CHANHASSEN

COUNTY: CARVER

LEGEND:

- IN SERVICE
- PROPOSED
- PROPOSED ABANDONED
- ABANDONED
- NOT A PART OF PROJECT
- SEE NOTES

PIPE SUMMARY

796' 2" PE CL-6
1835' 4" PE CL-6
2641' TOTAL PIPE

COPIES:
PIPELINE INTEGRITY PACKET: N
STATION MANAGER: N
DD NUMBER: N
CORROSION: N
EMP: N

SITE CONTACT: Taylor Rugroden
612-597-6555
GENERAL CONTRACTOR

SURVEYOR REQUIRED? N
RETURN PACKET TO ENG? N
JOB BRIEFING REQUIRED? N
GFIP #: 344-2024
PERMITS: CITY OF CHANHASSEN
CARVER COUNTY

SALES REP: JAMES GUMMERT
PROJECT DESCRIPTION: NBCO
XCEL ENERGY BUILDING A

DESIGNER: JOE NICHOLAS
PHONE #: 612-512-8888
DRAWN BY: JOE NICHOLAS
DESIGN DATE: 7/23/2024

REVISION INFO:

MAIN	SCALE: 1" : 100'
SS#:	SHEET 1 OF 2

NOTE: BORE ALL PAVED STREETS AND DRIVEWAYS
 Minimum depth requirements for crossings of state highways and county roads is 60". Minimum depth requirements for crossings of city streets and township roads is 48".
 Minimum depth for parallel installations on state highways and county roads is 36". Minimum depth for parallel installations on city streets and township roads is 30". All steel pipe welds to be coated with 2 part epoxy.

When butt fusing to existing in-service polyethylene, visually inspect for the presence of hydrocarbon permeation immediately after removing fusion iron. If any bubbling is identified on the heated surface, do not join to new PE pipe. Allow to cool and cut this end off (12" length) and send to the Golden Valley Lab with street location and W.O. #. Complete tie-in/extension using an electrofusion coupling(s).
 Document in field notes.

INSTALL LOCATING POINTS AT A MAXIMUM SPACING OF 1,000 FT.

INSTALL 2" PE CL-6 - GAS ONLY - AT 25' NCL COULTER BLVD
 INSTALL 4" PE CL-6 - GAS ONLY - AT 25' NCL COULTER BLVD

C = INSTALL 2" PE CAP TO COVER SERVICE

Install: Clean and Test; and Put in Service; Proposed new main per CenterPoint Energy Construction and Service Manual.

Purge new main until essentially 100% gas reading is obtained on Combustible Gas Indicator. See CenterPoint Energy Construction and Service Manual Section CS-B-1.230 for purging mains into service.

Install a marker ball at a new end of main, at a valve, at each of all a horizontal offset, at road crossings and at any fitting or pressure control identified as needing to be located in the future. Refer to CenterPoint Energy Construction and Service Manual section CS-B-1.310 for installation procedures.

Procedure for tapping or making tie-ins to existing gas mains: Verify existing gas main size, type, and location prior to tapping or making tie-in. Monitor and verify, using a pressure gauge, existing gas main Pressure Class within the bell hole of tap location or tie-in location prior to tapping or making tie-in.

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.

Signature: _____

Typed or Printed Name: _____

Date: _____ License Number: _____



PROPRIETARY AND CONFIDENTIAL

PROJECT #: 111375424

CITY: CHANHASSEN

COUNTY: CARVER

LEGEND:

	IN SERVICE
	PROPOSED
	PROPOSED ABANDONED
	ABANDONED
	NOT A PART OF PROJECT
	SEE NOTES

PIPE SUMMARY

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1835' 4" PE CL-6

2641' TOTAL PIPE

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 STATION MANAGER: N
 DD NUMBER: N
 CORROSION: N
 EMP: N

SITE CONTACT: TAYLOR RUGRODEN
 612-597-6555
 GENERAL CONTRACTOR

SURVEYOR REQUIRED? N

RETURN PACKET TO ENG? N

JOB BRIEFING REQUIRED? N

GFIP #: 344-2024

PERMITS: CITY OF CHANHASSEN
 CARVER COUNTY

JAMES GUMMERT

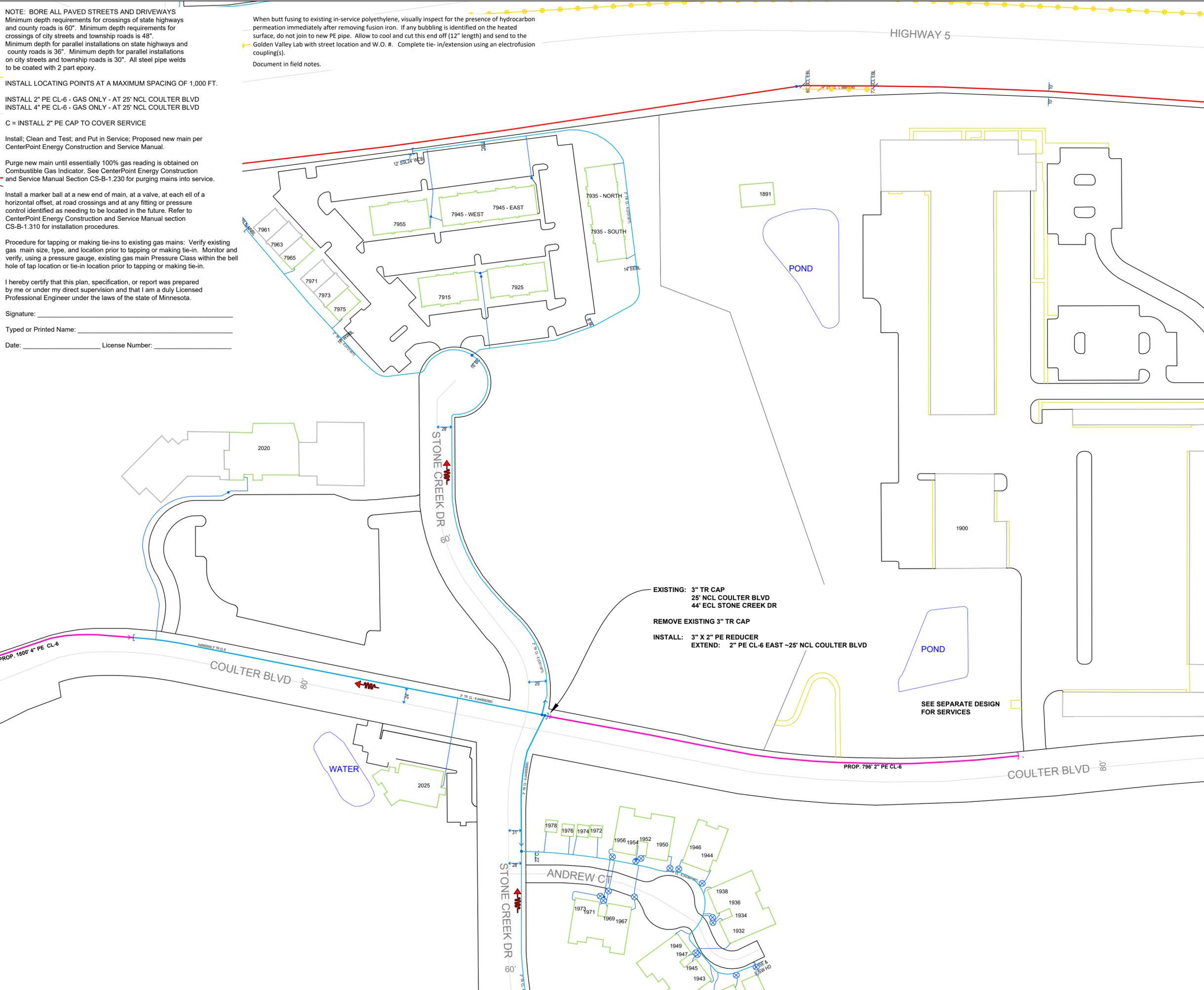
PROJECT DESCRIPTION: NBCO
 XCEL ENERGY BUILDING A

DESIGNER: JOE NICHOLAS
 PHONE #: 612-512-8888
 DRAWN BY: JOE NICHOLAS
 DESIGN DATE: 7/23/2024

REVISION INFO:

MAIN SS#: _____ SCALE: 1" = 100'
 SHEET 2 OF 2

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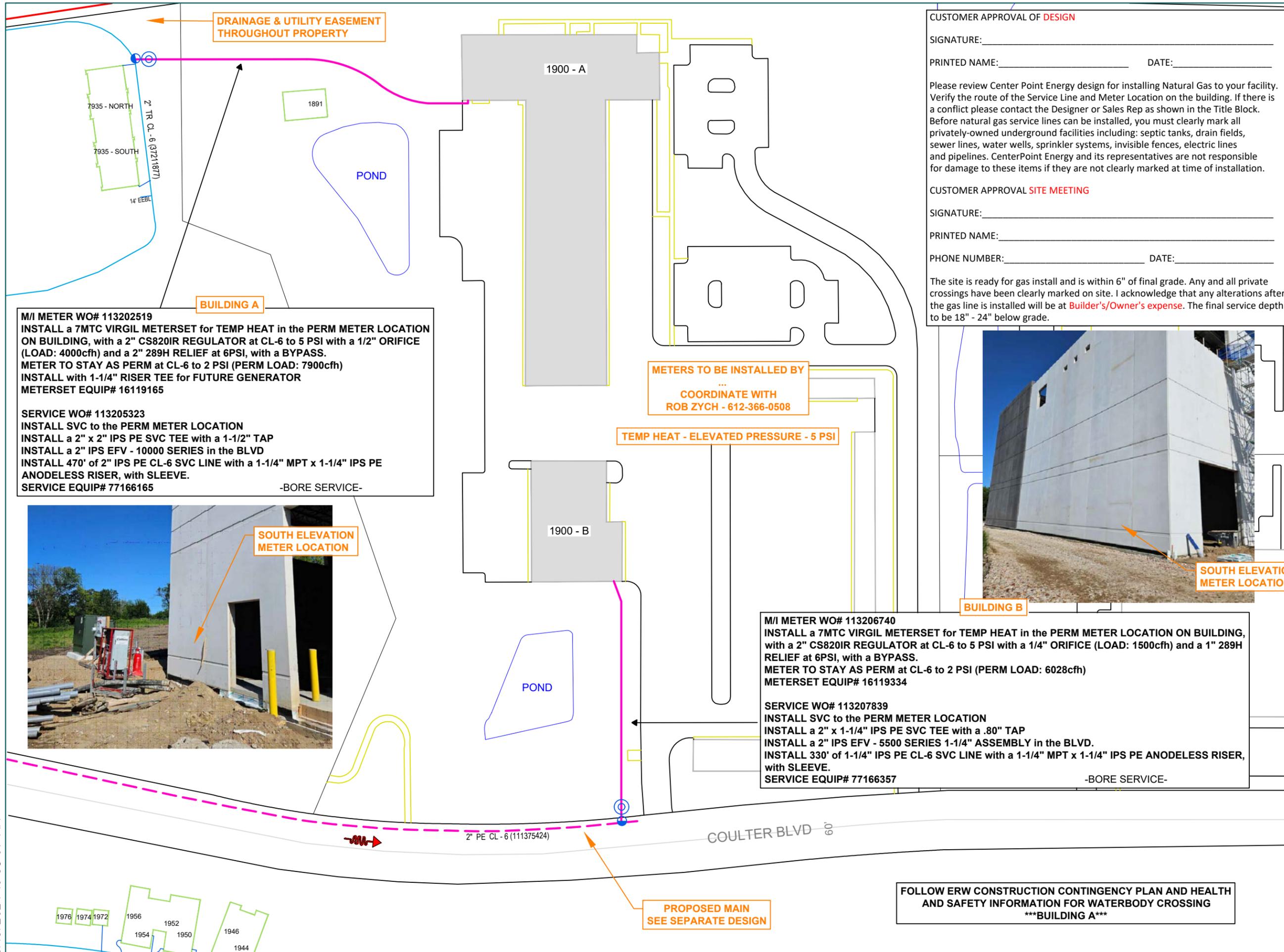


EXISTING: 3" TR CAP
 25' NCL COULTER BLVD
 44' ECL STONE CREEK DR

REMOVE EXISTING 3" TR CAP

INSTALL: 3" X 2" PE REDUCER
 EXTEND: 2" PE CL-6 EAST ~25' NCL COULTER BLVD

SEE SEPARATE DESIGN
 FOR SERVICES



M/I METER WO# 113202519
 INSTALL a 7MTC VIRGIL METERSET for TEMP HEAT in the PERM METER LOCATION ON BUILDING, with a 2" CS820IR REGULATOR at CL-6 to 5 PSI with a 1/2" ORIFICE (LOAD: 4000cfh) and a 2" 289H RELIEF at 6PSI, with a BYPASS.
 METER TO STAY AS PERM at CL-6 to 2 PSI (PERM LOAD: 7900cfh)
 INSTALL with 1-1/4" RISER TEE for FUTURE GENERATOR
 METERSET EQUIP# 16119165

SERVICE WO# 113205323
 INSTALL SVC to the PERM METER LOCATION
 INSTALL a 2" x 2" IPS PE SVC TEE with a 1-1/2" TAP
 INSTALL a 2" IPS EFV - 10000 SERIES in the BLVD
 INSTALL 470' of 2" IPS PE CL-6 SVC LINE with a 1-1/4" MPT x 1-1/4" IPS PE ANODELESS RISER, with SLEEVE.
 SERVICE EQUIP# 77166165

-BORE SERVICE-



METERS TO BE INSTALLED BY
 ...
 COORDINATE WITH
 ROB ZYCH - 612-366-0508

TEMP HEAT - ELEVATED PRESSURE - 5 PSI

M/I METER WO# 113206740
 INSTALL a 7MTC VIRGIL METERSET for TEMP HEAT in the PERM METER LOCATION ON BUILDING, with a 2" CS820IR REGULATOR at CL-6 to 5 PSI with a 1/4" ORIFICE (LOAD: 1500cfh) and a 1" 289H RELIEF at 6PSI, with a BYPASS.
 METER TO STAY AS PERM at CL-6 to 2 PSI (PERM LOAD: 6028cfh)
 METERSET EQUIP# 16119334

SERVICE WO# 113207839
 INSTALL SVC to the PERM METER LOCATION
 INSTALL a 2" x 1-1/4" IPS PE SVC TEE with a .80" TAP
 INSTALL a 2" IPS EFV - 5500 SERIES 1-1/4" ASSEMBLY in the BLVD.
 INSTALL 330' of 1-1/4" IPS PE CL-6 SVC LINE with a 1-1/4" MPT x 1-1/4" IPS PE ANODELESS RISER, with SLEEVE.
 SERVICE EQUIP# 77166357

-BORE SERVICE-



CUSTOMER APPROVAL OF DESIGN

SIGNATURE: _____
 PRINTED NAME: _____ DATE: _____

Please review Center Point Energy design for installing Natural Gas to your facility. Verify the route of the Service Line and Meter Location on the building. If there is a conflict please contact the Designer or Sales Rep as shown in the Title Block. Before natural gas service lines can be installed, you must clearly mark all privately-owned underground facilities including: septic tanks, drain fields, sewer lines, water wells, sprinkler systems, invisible fences, electric lines and pipelines. CenterPoint Energy and its representatives are not responsible for damage to these items if they are not clearly marked at time of installation.

CUSTOMER APPROVAL SITE MEETING

SIGNATURE: _____
 PRINTED NAME: _____
 PHONE NUMBER: _____ DATE: _____

The site is ready for gas install and is within 6" of final grade. Any and all private crossings have been clearly marked on site. I acknowledge that any alterations after the gas line is installed will be at **Builder's/Owner's expense**. The final service depth to be 18" - 24" below grade.



PROPRIETARY AND CONFIDENTIAL

113205323 - BLDG A
113207839 - BLDG B

M06100 CHANHASSEN

- LEGEND:**
- IN SERVICE
 - PROPOSED
 - PROPOSED ABANDONED
 - ABANDONED
 - Interruptible
 - Existing
 - Normal
 - Future
 - Proposed

Address: 1900 COULTER BLVD
 Customer: XCEL ENERGY SERVICE CENTER
 Contact Person: Taylor Rugroden
 Contact Phone: 612-597-6555
 Sales Rep: Jim Gummert
 Sales Rep Phone: 612-616-0777
 Construction Hotline: 612-321-5310
 Restoration Hotline: 612-321-5042
 Copies To Pipeline Integrity: No
 Curb Valve: No
 Copies to Corrosion: No
 Corrosion Approval: N/A
 Follow Internal Pipe Sampling Requirements? No
 Job Briefing Required? No
 GFIP#: N/A
 Permits: Yes - With Main
 Requested Install Date: 10/08/2024

Approval: *Tracie Killion*

PROJECT DESCRIPTION:
 XCEL ENERGY SERVICE CENTER

DESIGNER: SHANNON MROZEK
PHONE#: 612-210-6971
DRAWN BY: SHANNON MROZEK
DESIGN DATE: 08/14/2024

Revised Print
 Destroy All Others
 Revision History
 Date:
 Description:
 Design Approval:

SCAN DATE: _____ SCALE: 1":120'
 SHEET 1 OF 1

FOLLOW ERW CONSTRUCTION CONTINGENCY PLAN AND HEALTH AND SAFETY INFORMATION FOR WATERBODY CROSSING
 BUILDING A

8/15/2024 10:53:09 AM