



SINGLE MAIN IN UTILITY EASEMENT



EXISTING: 2" PE CAP (SEE RED LINE & FIELD NOTES FOR WO 104104852) FIELD VERIFY LOCATION IN 10' DE & UE
REMOVE EXISTING 2" PE CAP
EXTEND: 2" PE CL-6 WEST IN 10' DE & UE

EXISTING: 2" PE CAP (85825544) @ 29' NCL 74 AVE
117' ECL FIR LN
REMOVE EXISTING 2" PE CAP
EXTEND: 2" PE CL-6 EAST IN 10' DE & UE

- LEGEND:
- 4" PVC CONDUIT
 - ACTIVE MAIN
 - DESIGNED MAIN
 - NOT PART OF THIS PROJECT
 - SEE NOTES
 - PROPOSED ABANDONED/ OUT OF SERVICE MAIN
 - ABANDONED/ OUT OF SERVICE MAIN

PIPE REQUIRED:
2190' 2" PE CL-6
2190' PIPE

PROPOSED ABANDONED PIPE:

COPIES:
PIPELINE INTEGRITY PACKET: NO
STATION MANAGER: NO
DD NUMBER: N/A
CORROSION: NO
EMP: NO

SITE CONTACT: Beth Husted
(612) 840-5233

SURVEYOR REQUIRED? NO

RETURN PACKET TO ENG? NO

JOB BRIEFING REQUIRED? NO

GFIP #: N/A

PERMITS: CORCORAN
MAPLE GROVE

SALES REP: PERRY SCHMIDT

PROJECT DESCRIPTION: NBRE
COOK LAKE HIGHLANDS
DESIGNER: Sean Gulknacht
PHONE#: 612-321-5351
DRAWN BY: Sean Gulknacht
DESIGN DATE: 9/29/2022

REVISION INFO:

Main
SSR
SCALE 1"=80'
SHEET 1 OF 1

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.

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

INSTALL 2" PE CL-6 MAIN - JOINT TRENCH - IN UTILITY EASEMENT THAT IS ADJACENT TO PROPERTY LINE

E = INSTALL 2" PE 90° ELL
C = INSTALL 2" PE CAP TO COVER SERVICE
T = INSTALL 2" PE FULL FLOW TEE

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 ell of 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: *Eric Yang*

Typed or Printed Name: Eric Yang
Date: 10/4/2022 License Number: 56613

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.