

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 IN 10' UTILITY EASEMENT THAT IS ADJACENT TO PROPERTY LINE

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.

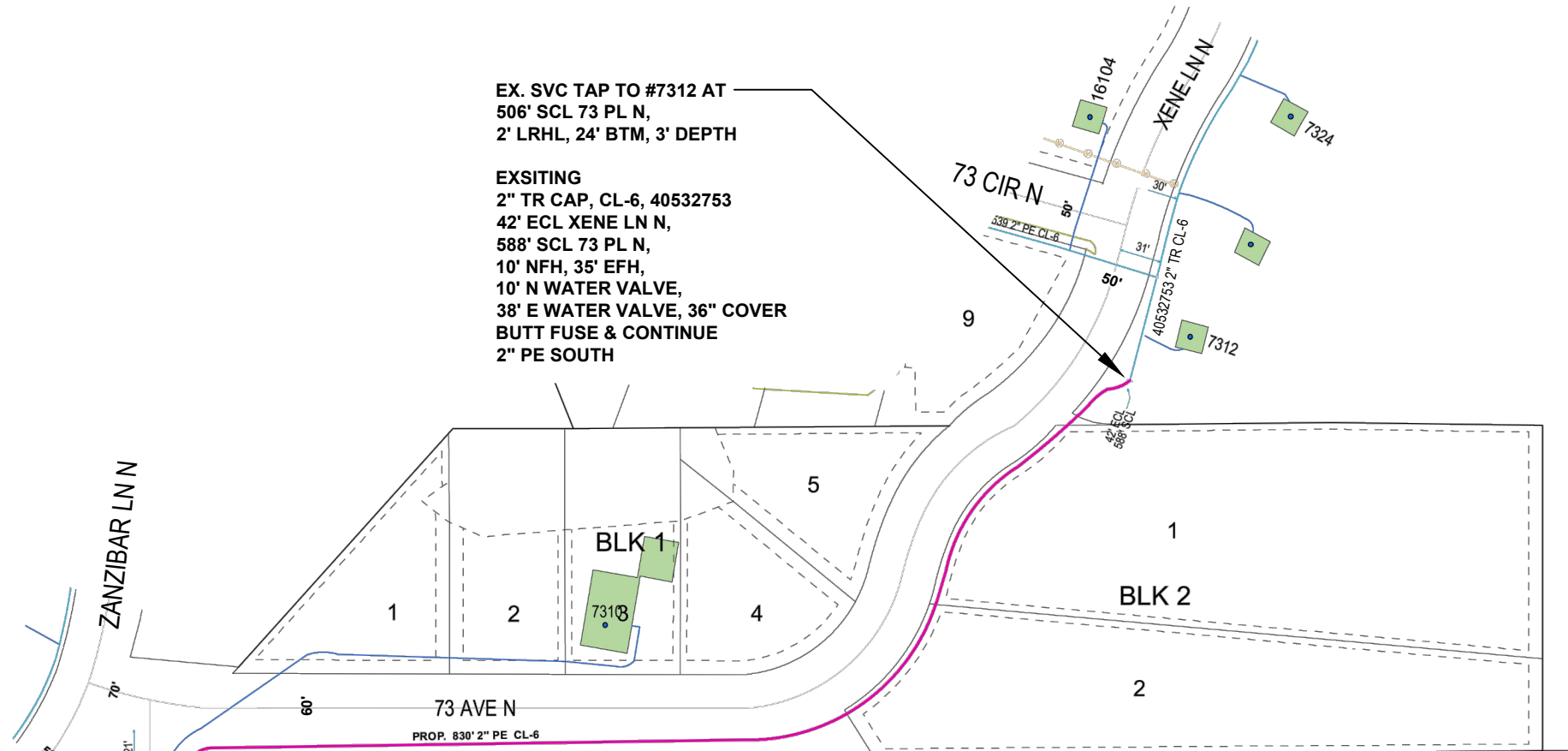
Procedure for tapping or making tie-ins to existing gas mains: Verify existing gas main size, type, and location prior to tapping or making tie-in. Monitor and verify, using a pressure gauge, existing gas main Pressure Class within the bell hole of tap location or tie-in location prior to tapping or 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: 10/4/2021 License Number: 56613

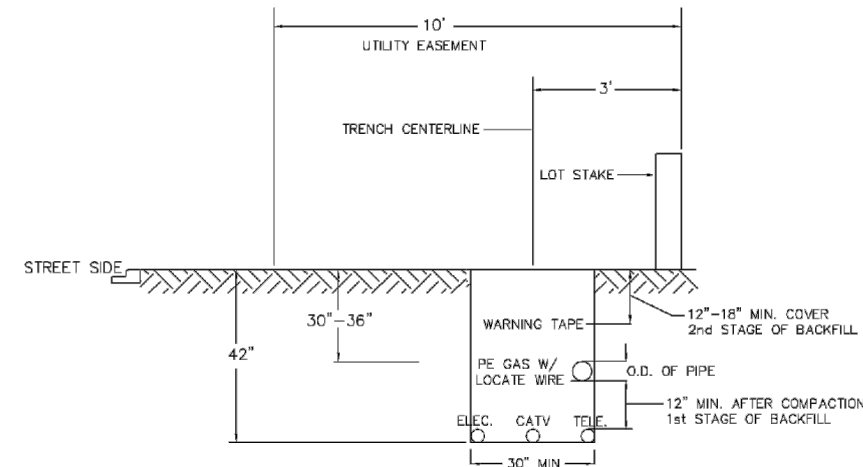


EX. SVC TAP TO #7312 AT  
 506' SCL 73 PL N,  
 2' LRHL, 24' BTM, 3' DEPTH

EXSITING  
 2" TR CAP, CL-6, 40532753  
 42' ECL XENE LN N,  
 588' SCL 73 PL N,  
 10' NFH, 35' EFH,  
 10' N WATER VALVE,  
 38' E WATER VALVE, 36" COVER  
 BUTT FUSE & CONTINUE  
 2" PE SOUTH

EX. SVC TAP TO #7310 AT  
 15' ECL ZANZIBAR LN N,  
 11' RRHL, 352' BTM, 3' DEEP

EXSITING  
 2" TR 90 DEG ELL, 41555148  
 17' SCL ZANZIBAR LN N,  
 22' ECL ZANZIBAR LN N,  
 36" COVER  
 SOUTH OF ELL  
 INSTALL  
 2" x 2" PE HVPT  
 CONTINUE 2" PE EAST  
 STAY WITHIN ROW



SINGLE MAIN IN UTILITY EASEMENT



MINNESOTA REGION

PROJECT #: 100032303

M52900 MAPLE GROVE

ONE CALL:  
 Hennepin  
 \*NE29 T119/R22  
 \*SE29 T119/R22  
 \*= this Page

LEGEND:  4" PVC CONDUIT  
 — ACTIVE MAIN  
 — DESIGNED MAIN  
 - - - PROPOSED ABANDONED/  
 OUT OF SERVICE MAIN  
 (A) ABANDONED/  
 OUT OF SERVICE MAIN

PIPE REQUIRED:  
 830' 2" PE CL-6  
 830' PIPE

PROPOSED ABANDONED PIPE:

COPIES:  
 PIPELINE INTEGRITY PACKET: N  
 STATION MANAGER: N  
 DD NUMBER: N  
 CORROSION: N  
 EMP: N  
 SITE CONTACT: ERIC ZEHNDER  
 651-303-5747  
 FOLLOW INTERNAL PIPE  
 SAMPLING REQUIREMENTS? N  
 SURVEYOR REQUIRED? N  
 RETURN PACKET TO ENG? N  
 GFIP#: N/A  
 PERMITS: MAPLE GROVE  
 SalesRep BARRY HAGER

PROJECT DESCRIPTION: NBRE  
 PALISADES AT NOTTINGHAM 3RD

DESIGNER: Marcia Kolstad  
 PHONE #: 612-321-5482  
 DRAWN BY: Marcia Kolstad  
 DESIGN DATE: 9/27/2021

REVISION INFO:

Main SS# SCALE 1" = 120'  
 SHEET 1 OF 1

10/1/2021 12:38:58 PM DESIGNER EXPRESS DESIGN

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.