

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

T = INSTALL 2" PE TEE
 C = INSTALL 2" PE CAP TO COVER SERVICE OR AT END OF ROAD CONSTRUCTION

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.

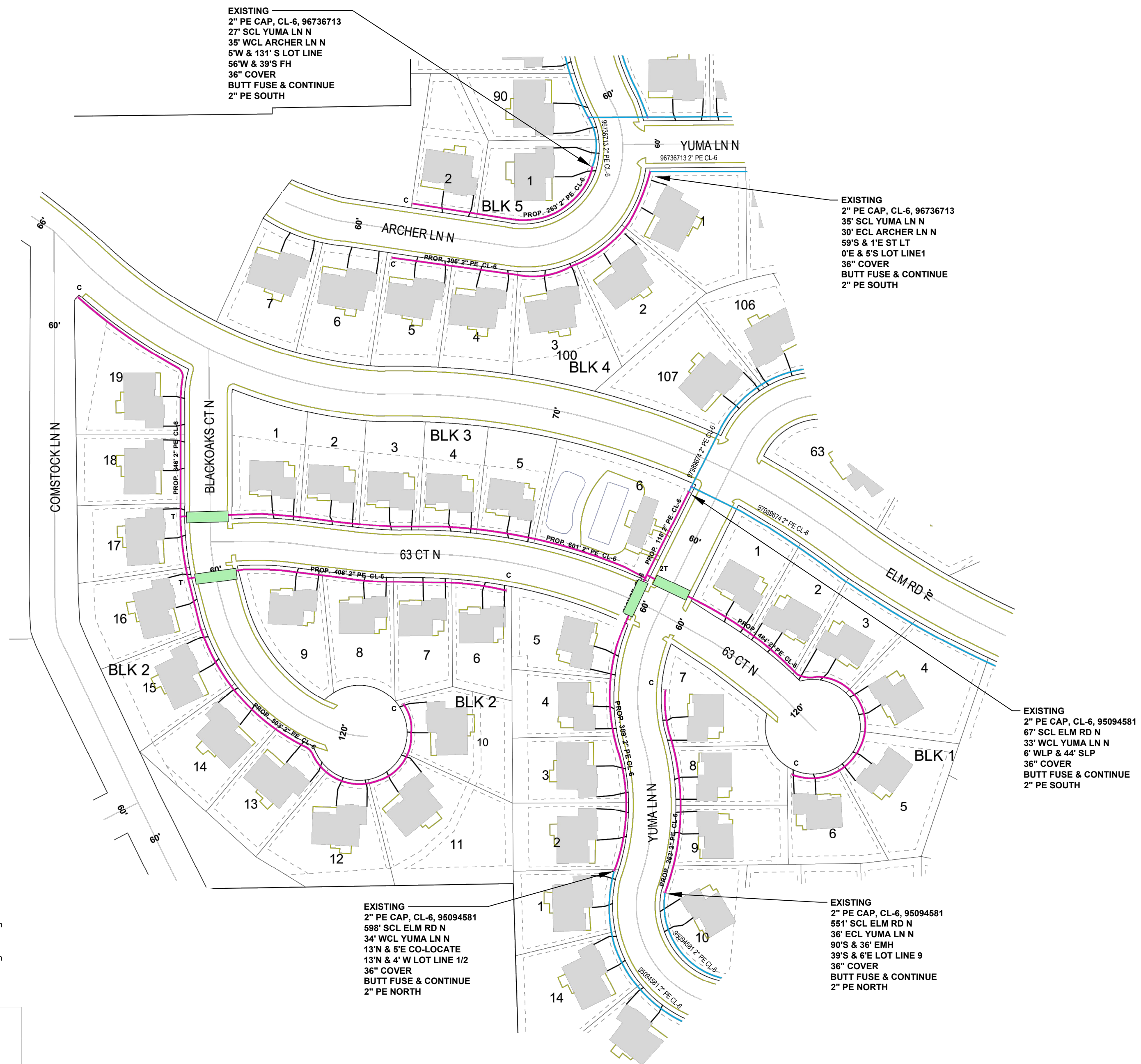
Procedure for tapping or making tie-ins to existing gas mains: Verify existing gas main size, type, and location prior to tapping or making tie-in. Monitor and verify, using a pressure gauge, existing gas main Pressure Class within the bell hole of tap location or tie-in location prior to tapping or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

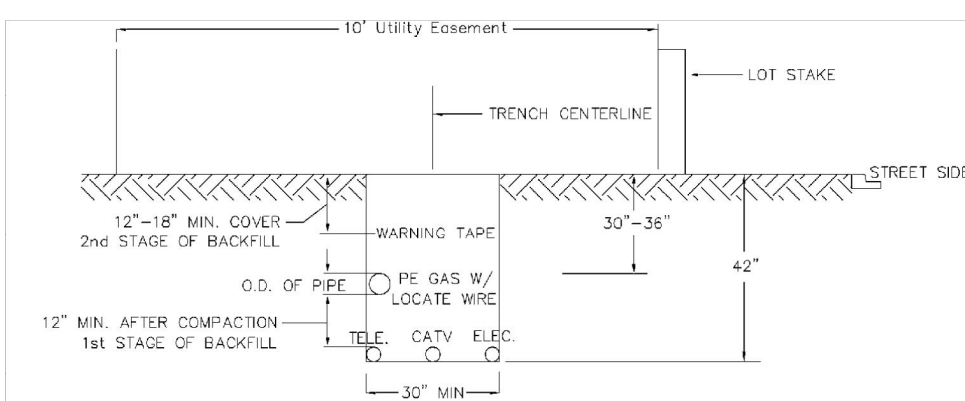
Signature: *Eric Yang*

Typed or Printed Name: Eric Yang

Date: 4/29/2021 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.



DUAL MAIN IN UTILITY EASEMENT



MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL

PROJECT #: 97989674

M52900 MAPLE GROVE

ONE CALL:
 Hennepin
 *SE32 T119/R22
 * = this Page

LEGEND: 4" PVC CONDUIT
 ACTIVE MAIN
 DESIGNED MAIN
 PROPOSED ABANDONED/
 OUT OF SERVICE MAIN
 ABANDONED/
 OUT OF SERVICE MAIN

PIPE REQUIRED:
 3848' 2" PE CL-6
 3848' PIPE

PROPOSED ABANDONED PIPE:

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

SITE CONTACT: NATE HERMAN
 763-360-1307

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N

SURVEYOR REQUIRED? N

RETURN PACKET TO ENG? N

GFIP #: N/A

PERMITS: MAPLE GROVE

BARRY HAGER

PROJECT DESCRIPTION: NBRE RIDGE AT ELM CREEK 3RD

DESIGNER: Marcia Kolstad
 PHONE #: 612-321-5482
 DRAWN BY: Marcia Kolstad
 DESIGN DATE: 4/27/2021

REVISION INFO:

Main SCALE 1" = 100'
 SS# SHEET 1 OF 1

4/29/2021 1:08:21 PM DESIGNER EXPRESS DESIGN