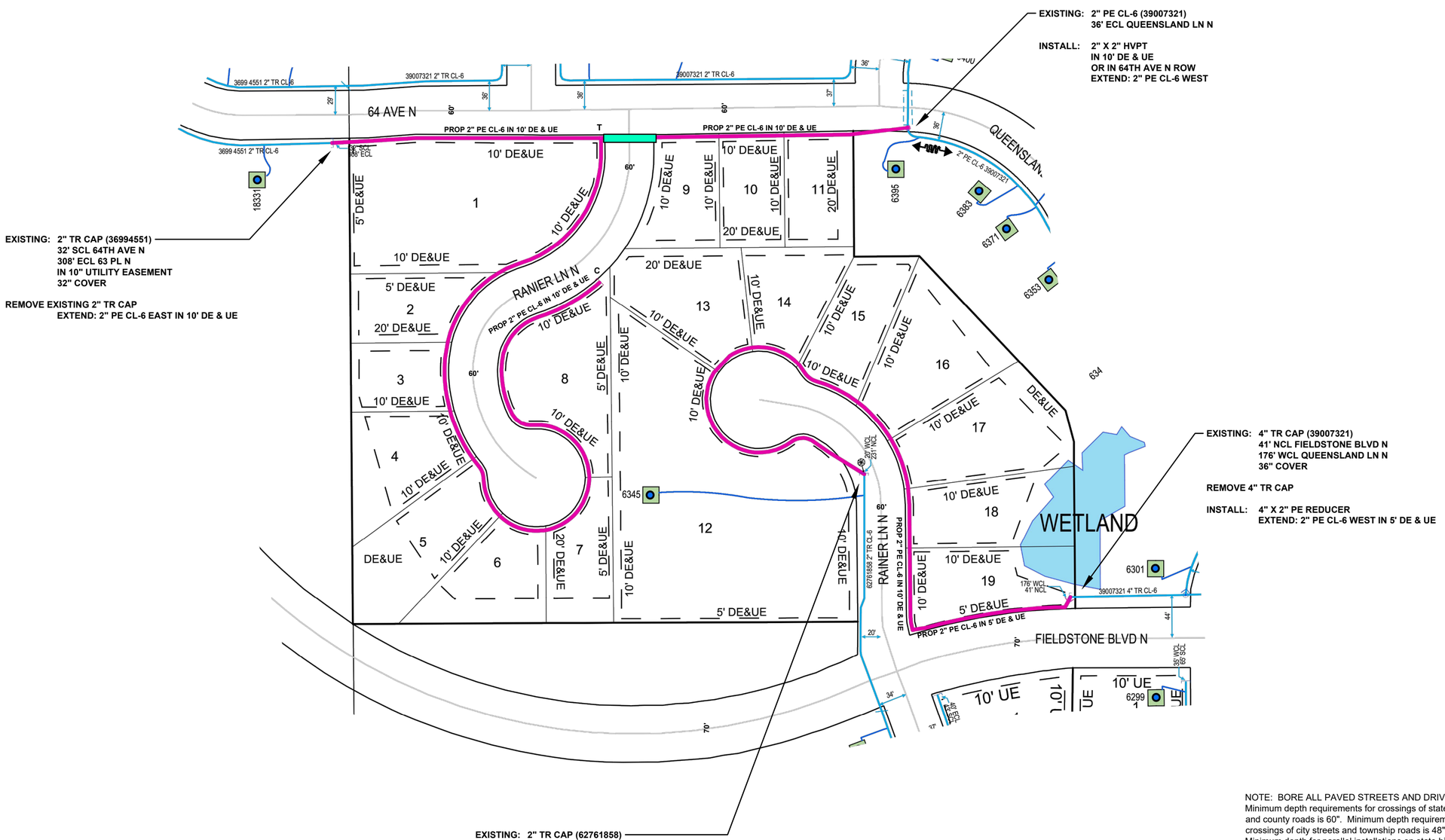

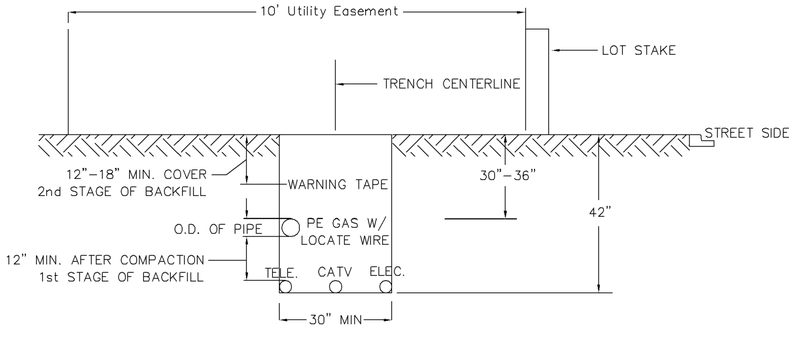

DUAL MAIN IN UTILITY EASEMENT

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.

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 ~ JOINT TRENCH ~ IN 10' DE & UE

T = INSTALL 2" PE TEE
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 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: _____

Typed or Printed Name: Kyle Brown

Date: 7/14/20 License Number: 57268

CenterPoint Energy
MINNESOTA REGION

N W E S

PROPRIETARY AND CONFIDENTIAL

PROJECT #: **93695125**

M52900 MAPLE GROVE

ONE CALL:
Hennepin
*SE31 T119/R22
*SW31 T119/R22
* = this Page

LEGEND:
ACTIVE MAIN
DESIGNED MAIN
PROPOSED ABANDONED/ OUT OF SERVICE MAIN
ABANDONED/ OUT OF SERVICE MAIN

PIPE REQUIRED:
2804' 2" PE CL-6

2804' PIPE

PROPOSED ABANDONED PIPE:

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

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N

SURVEYOR REQUIRED? N

RETURN PACKET TO ENG? N

GFIP #: NA

PERMITS: CITY OF MAPLE GROVE

PROJECT DESCRIPTION: NBRE SOUTH PROMINENCE

DESIGNER: Cameron Victor
PHONE #: 612-321-5347
DRAWN BY: Cameron Victor
DESIGN DATE: 7/2/2020

REVISION INFO:

Main
SS#

SCALE 1" : 100'
SHEET 1 OF 1

7/13/2020 2:12:48 PM DESIGNER EXPRESS DESIGN