

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 - DUAL MAIN - IN 10' UTILITY EASEMENT (UE) PER SCHEMATIC

T = INSTALL 2" PE TEE  
 C = INSTALL 2" PE CAP TO COVER SERVICE OR LOT

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.

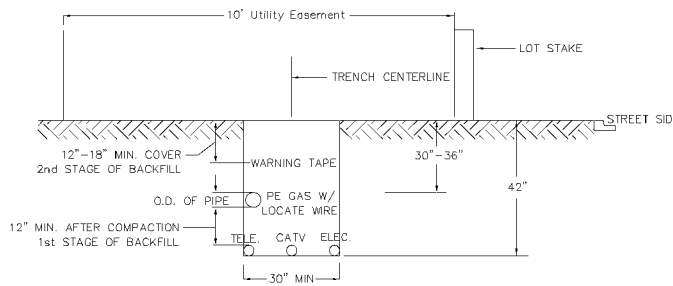
Install a marker ball at a new end of main, at a valve, at each ell of a horizontal offset, at road crossings and at any fitting or pressure control identified as needing to be located in the future. Refer to CenterPoint Energy Construction and Service Manual section CS-B-1.310 for installation procedures.

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: Casey Tollefson

Date: \_\_\_\_\_ License Number: 52693



### DUAL MAIN IN UTILITY EASEMENT

UPON MAIN COMPLETION  
 TEST AND CONNECT  
 18882 & 18883 64 AVE N  
 TO THE NEW MAIN



MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL

PROJECT #: 79236642

M52900 MAPLE GROVE

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

LEGEND:

- ACTIVE MAIN
- DESIGNED MAIN
- - - PROPOSED ABANDONED/ OUT OF SERVICE MAIN
- - - ABANDONED/ OUT OF SERVICE MAIN

PIPE REQUIRED:  
 1180' 2" PE CL-6  
 1180' PIPE

PROPOSED ABANDONED PIPE:

COPIES:  
 PIPELINE INTEGRITY PACKET: N  
 GAS VALVE: N  
 DD NUMBER: N  
 CORROSION: N  
 EMP: N

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N  
 SURVEYOR REQUIRED? N  
 RETURN PACKET TO ENG? N  
 GFIP#: N  
 PERMITS: MAPLE GROVE JOINT JT APPLIED FOR BY XCEL

PROJECT DESCRIPTION: NBRE PLOCEUS

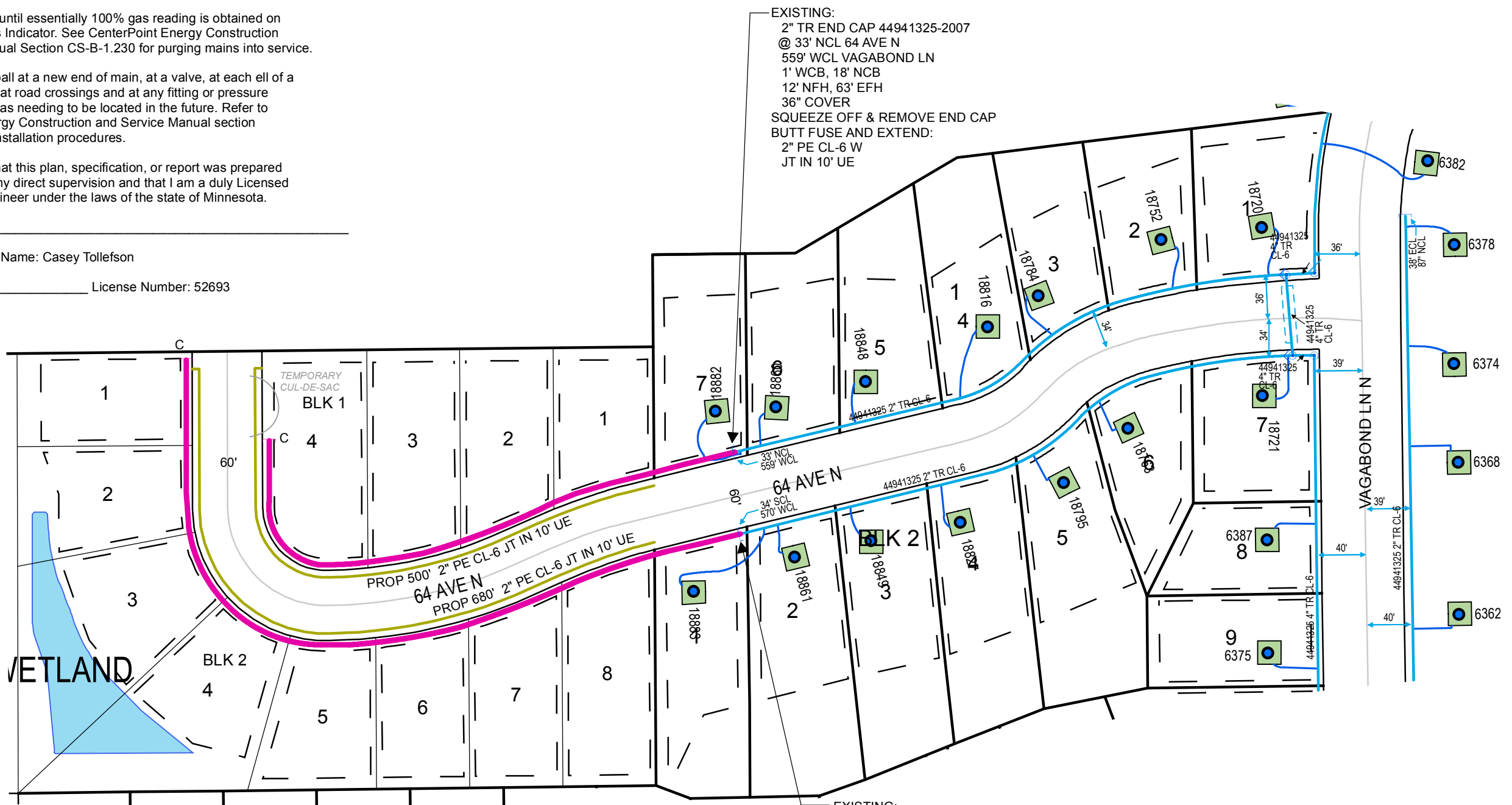
DESIGNER: Wendy Kronwall  
 PHONE #: 612-321-5508  
 DRAWN BY: Wendy Kronwall  
 DESIGN DATE: 10/3/2016

REVISION INFO:

Main SCAN DATE: SCALE 1" : 100' SHEET 1 OF 1

EXISTING:  
 2" TR END CAP 44941325-2007  
 @ 33' NCL 64 AVE N  
 559' WCL VAGABOND LN  
 1' WCB, 18' NCB  
 12' NFH, 63' EFH  
 36" COVER  
 SQUEEZE OFF & REMOVE END CAP  
 BUTT FUSE AND EXTEND:  
 2" PE CL-6 W  
 JT IN 10' UE

EXISTING:  
 2" TR END CAP 44941325-2007  
 @ 34' SCL 64 AVE N  
 570' WCL VAGABOND LN  
 9' WCB, 20' SCB  
 52' EFH, 53' SFH  
 36" COVER  
 SQUEEZE OFF & REMOVE END CAP  
 BUTT FUSE AND EXTEND:  
 2" PE CL-6 W  
 JT IN 10' UE



10/5/2016 3:17:41 PM DESIGNER EXPRESS DESIGN