

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 4" & 2" PE CL-8 MAIN IN UTILITY EASEMENTS AS SHOWN

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

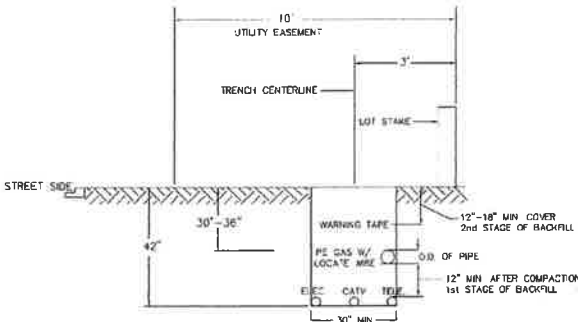
Install a marker ball at a new end of main, at a valve, at each end of a horizontal offset, at road crossings and at any fitting or pressure control identified as needing to be located in the future. Refer to CenterPoint Energy Construction and Service Manual section CS-B-1.310 for installation procedures.

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: Casay Tolleson

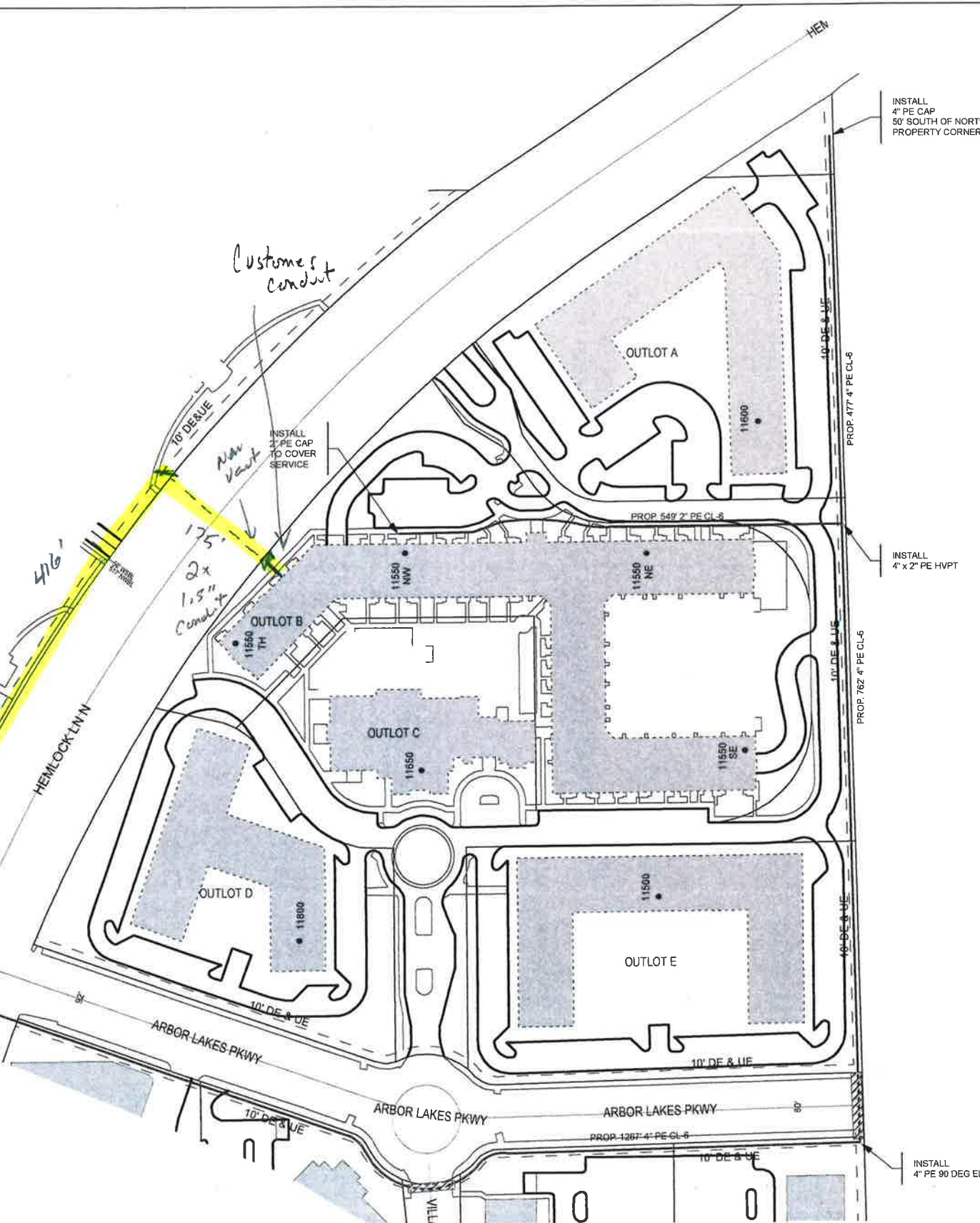
Date: \_\_\_\_\_ License Number: 52693



SINGLE MAIN IN UTILITY EASEMENT

SEE GFIP XXX-2017  
 EXISTING  
 4" PE CL-6, 67826807-2014  
 56" WCL HEMLOCK LN N  
 INSTALL  
 4" PE FULL FLOW TEE  
 CONTINUE 4" PE EAST

Existing  
 Existing  
 416'  
 175'  
 2x 1.5" Conduit  
 New Vault  
 INSTALL 2" PE CAP TO COVER SERVICE



**CenterPoint Energy**  
 MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL  
 PROJECT #: 79927359

M52900 MAPLE GROVE

ONE CALL:  
 Hennepin  
 \*SE23 T119/R22  
 \* - this Page

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

PIPE REQUIRED:  
 549' 2" PE CL-6  
 2506' 4" PE CL-6  
 3055' PIPE

PROPOSED ABANDONED PIPE:

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

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N

SURVEYOR REQUIRED? N

RETURN PACKET TO ENG? N

GFIP #: XXX-2017

PERMITS: CITY OF MAPLE GROVE

PROJECT DESCRIPTION: NBCO VILLAGE ARBOR LAKES RESERVE

DESIGNER: Marcia Kolstad  
 PHONE #: 612-321-5482  
 DRAWN BY: Marcia Kolstad  
 DESIGN DATE: 10/18/2016

REVISION INFO:

Main SCAN DATE: \_\_\_\_\_ SCALE 1" = 100' SHEET 1 OF 1