

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-6 MAIN IN 10' UTILITY EASEMENTS

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

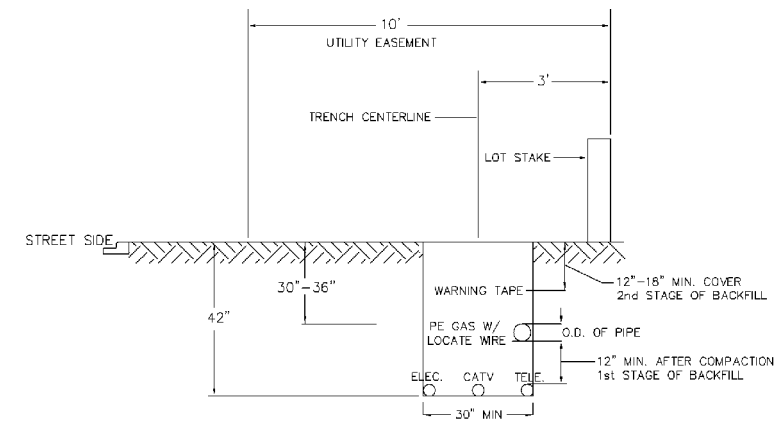
Date: _____ License Number: 52693

SEE GFIP 431-2016

EXISTING
 4" TR 90 DEG ELL
 A3663-1997
 55'NCL WBL CO RD 130,
 158'ECL PROPOSED
 MEDIAN HEMLOCK LA,
 40"COVER

INSTALL
 4" PE FULL FLOW TEE
 CONTINUE 4" PE EAST

INSTALL
 2" PE CAP
 TO COVER SERVICE
 TO #11700



SINGLE MAIN IN UTILITY EASEMENT



MINNESOTA REGION
 PROPRIETARY AND CONFIDENTIAL

PROJECT #: 79926801

M52900 MAPLE GROVE

ONE CALL:
 Hennepin
 *SE23 T119/R22
 *= this Page

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

PIPE REQUIRED:
 190' 2" PE CL-6
 1106' 4" PE CL-6

 1296' PIPE

PROPOSED ABANDONED PIPE:

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

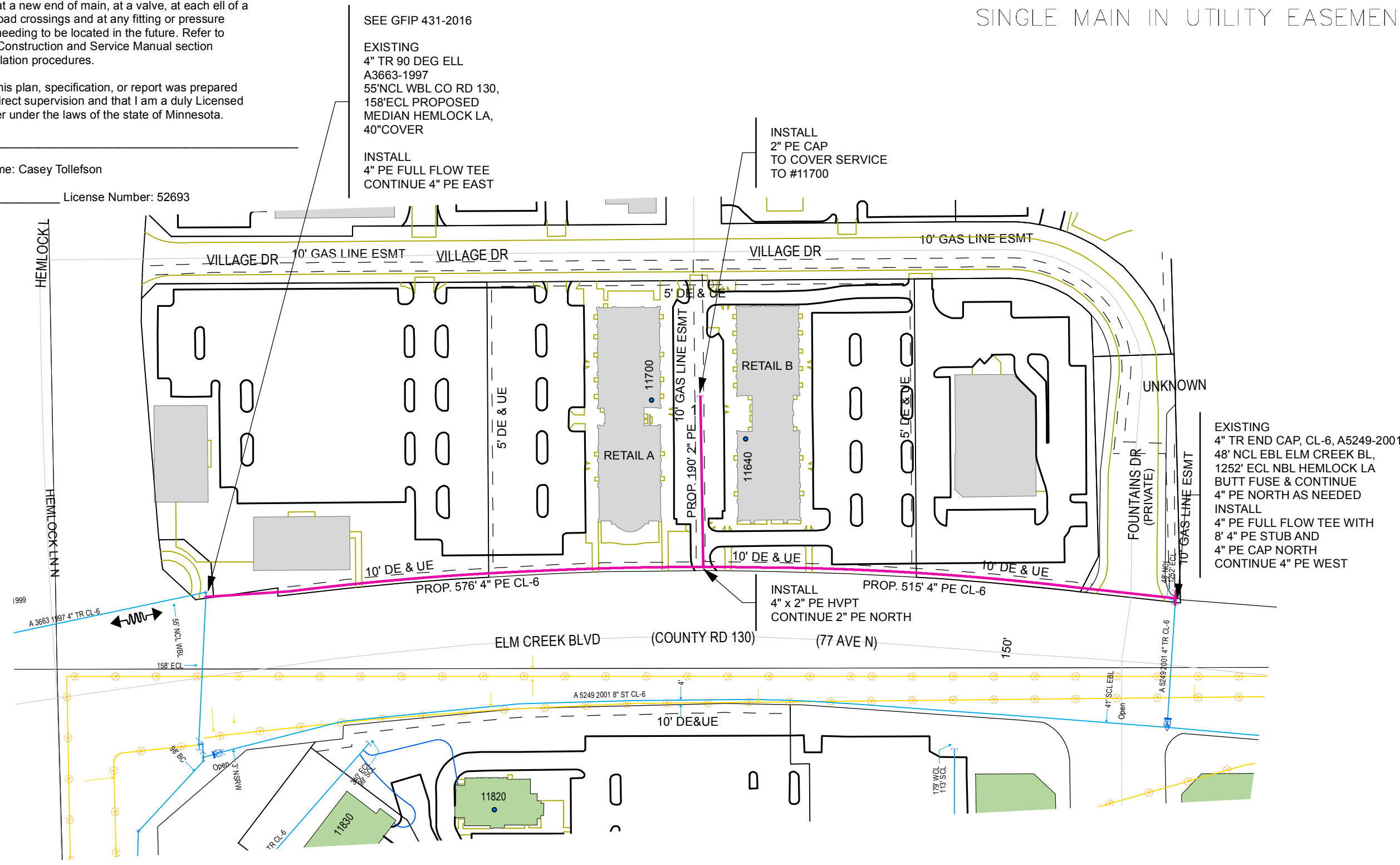
FOLLOW INTERNAL PIPE
 SAMPLING REQUIREMENTS? N
 SURVEYOR REQUIRED? N
 RETURN PACKET TO ENG? N
 GFIP#: 431-2016
 PERMITS: CITY OF MAPLE GROVE
 HENNEPIN COUNTY

PROJECT DESCRIPTION: NBCO
 VILLAGE AT ARBOR LAKES RETAIL A/B

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

REVISION INFO:

Main
 SCAN DATE: SCALE 1" = 120'
 SHEET 1 OF 1



10/25/2016 5:55:07 AM DESIGNER EXPRESS DESIGN