

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 2" PE CL-6  
 IN 10' UTILITY EASEMENT

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.

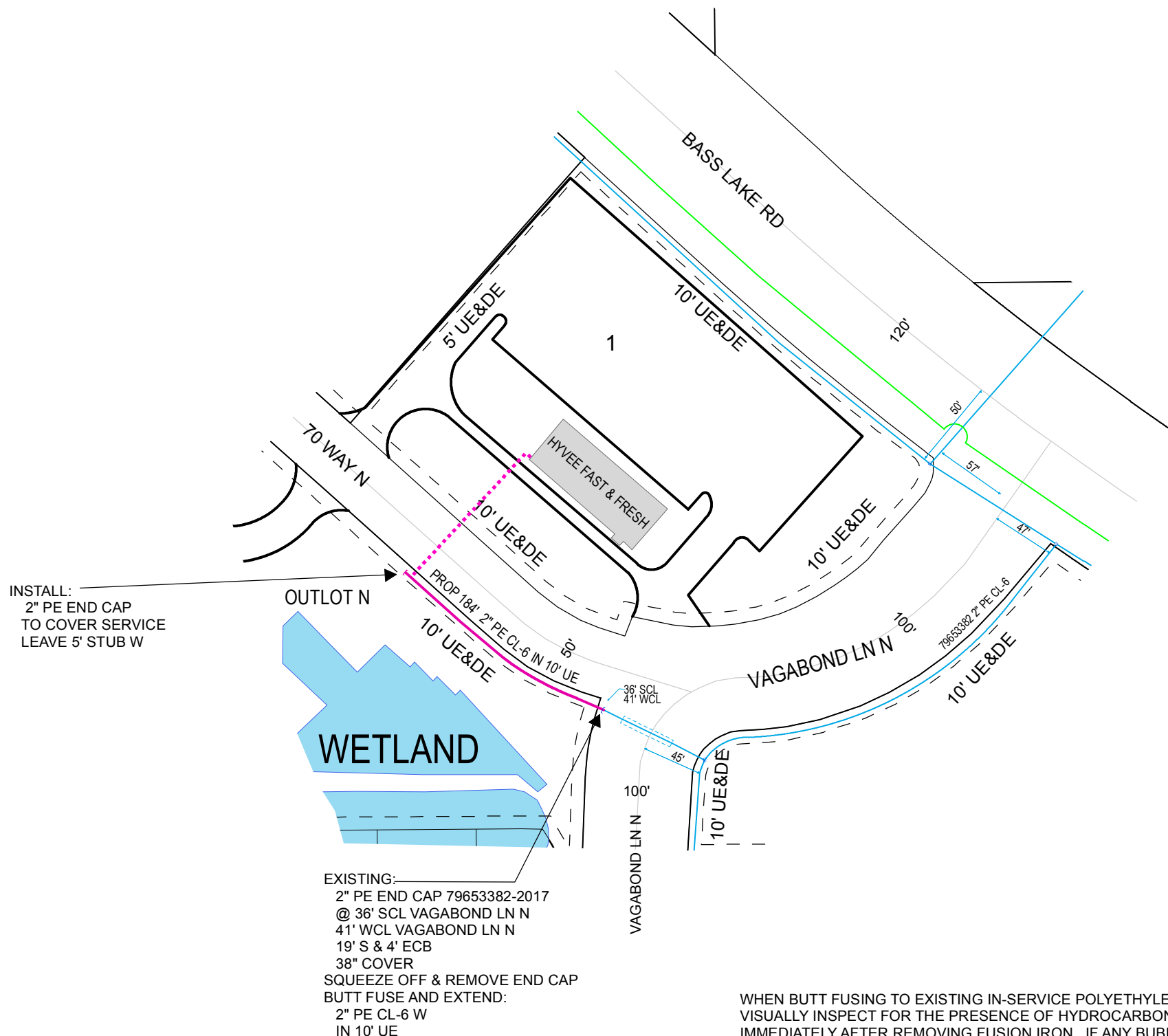
Install a marker ball at a new end of main, at a valve, at each ell of a  
 horizontal offset, at road crossings and at any fitting or pressure  
 control identified as needing to be located in the future. Refer to  
 CenterPoint Energy Construction and Service Manual section  
 CS-B-1.310 for installation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

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: Casey Tollefson

Typed or Printed Name: Casey Tollefson

Date: 1/22/2019 License Number: 52693



INSTALL:  
 2" PE END CAP  
 TO COVER SERVICE  
 LEAVE 5' STUB W

EXISTING:  
 2" PE END CAP 79653382-2017  
 @ 36' SCL VAGABOND LN N  
 41' WCL VAGABOND LN N  
 19' S & 4' ECB  
 38" COVER  
 SQUEEZE OFF & REMOVE END CAP  
 BUTT FUSE AND EXTEND:  
 2" PE CL-6 W  
 IN 10' UE

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.



MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL

PROJECT #: **88725535**

M52900 MAPLE GROVE

ONE CALL:  
 Hennepin  
 \*SW30 T119/R22  
 \* = this Page

LEGEND:  
 — ACTIVE MAIN  
 — DESIGNED MAIN  
 - - - PROPOSED ABANDONED/  
 OUT OF SERVICE MAIN  
 (A) ABANDONED/  
 OUT OF SERVICE MAIN  
 - - - - PROPOSED SERVICE LINE  
 SEE I/C DESIGN FOR  
 EXACT LOCATION

PIPE REQUIRED:  
 184' 2" PE CL-6  
 -----  
 184' PIPE

PROPOSED ABANDONED PIPE:

COPIES:  
 PIPELINE INTEGRITY PACKET: N  
 STATION MANAGER: 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

PROJECT DESCRIPTION: NBCCO  
 HYVEE FAST AND FRESH

DESIGNER: Wendy Kronwall  
 PHONE #: 612-321-5508  
 DRAWN BY: Wendy Kronwall  
 DESIGN DATE: 1/22/2019

REVISION INFO:

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

1/22/2019 11:50:36 AM DESIGNER EXPRESS DESIGN