

10/16/2018 10:39:56 AM DESIGNER EXPRESS DESIGN

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 @ 6' - 7' BOC ~ IN UE ~ JOINT TRENCH  
 4" PE CL-6 @ 6' - 7' BOC ~ IN ROW ~ GAS ONLY

C = INSTALL 2" PE CAP TO COVER SERVICE  
 E = INSTALL 2" PE 90 DEG ELL  
 T = INSTALL 2" PE TEE

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: \_\_\_\_\_

Typed or Printed Name: Daniel G. Christensen

Date: \_\_\_\_\_ License Number: 46588

Transmission Line within project area. Follow watchdog procedures.

Transmission Line Watch Dog Process:

CNP excavation contractor will follow the Transmission Line Watch Dog Process.

If excavation will happen within 50' of a transmission line the CNP contractor needs to contact CNP dispatch to schedule a Watch Dog. (DISPATCH 612-321-5200)

Dispatch will create an "inspect contractor" work order for Foreign Construction and set up a time for the crew to be on site.



MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL

PROJECT #: 86885894

M52900 MAPLE GROVE

M55400 CORCORAN

ONE CALL:

Hennepin

\*NE25 T119/R23

\*SE25 T119/R23 MAIN

\*NW30 T119/R22

\*SW30 T119/R22 MAIN & SERVICES

\* = this Page

LEGEND:

ACTIVE MAIN

DESIGNED MAIN

PROPOSED ABANDONED/  
OUT OF SERVICE MAIN

ABANDONED/  
OUT OF SERVICE MAIN

4" PVC CONDUIT CROSSING  
NINE REQUIRED

PIPE REQUIRED:

629' 4" PE CL-6 GAS ONLY

3133' 2" PE CL-6 JOINT TRENCH

3762' 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 #: 459-2018

PERMITS: MAPLE GROVE

CORCORAN

HENNEPIN COUNTY

PROJECT DESCRIPTION: NBRE

RUSH CREEK COMMONS

DESIGNER: Wendy Kronwall

PHONE #: 612-321-5508

DRAWN BY: Wendy Kronwall

DESIGN DATE: 10/15/2018

REVISION INFO:

Main

SCALE 1" = 100'

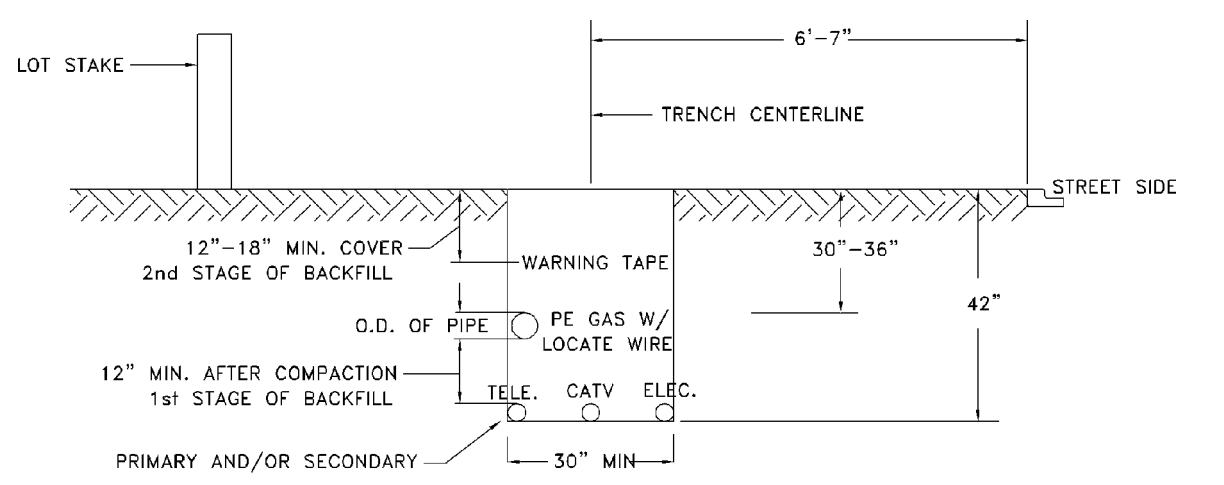
SHEET 1 OF 1



EXISTING:  
 6" TR CL-6 52316853-2010  
 @ 46' SCL CO RD 10 (BASS LAKE RD)  
 6" TR 90 DEG ELL 52316853-2010  
 @ 46' SCL COUNTY ROAD 10 (BASS LAKE RD)  
 100' ECL COUNTY RD 101  
 8" NRW  
 25" N CULVERT  
 36" COVER  
 EAST OF 6" TR 90 DEG ELL 52316853-2010  
 FOLLOW GFIP# 459-2018  
 INSTALL:  
 6" FULL FLOW TEE S  
 6" X 4" PE REDUCER  
 4" PE 90 DEG ELL W  
 EXTEND:  
 4" PE CL-6  
 @ 6' - 7' BOC BROCKTON LN N

INSTALL:  
 4" PE TEE WITH  
 4" X 2" PE REDUCER E  
 EXTEND:  
 4" PE CL-6 N & S  
 @ 6' - 7' BOC BROCKTON LN N  
 2" PE CL-6 E  
 @ 6' - 7' BOC IN UE STREET A

EXISTING:  
 6" TR CL-6 52316853-2010  
 @ 39' SCL BASS LAKE RD  
 INSTALL:  
 6" X 2" HVPT S  
 EXTEND:  
 2" PE CL-6  
 @ 6' 7' BOC IN UE



2" PE CL-6 DUAL MAIN @ 6' - 7' BACK OF CURB IN UTILITY EASEMENT