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 @ 48' NCL 96 AVE N IN 10' EASEMENT NF99-4

C = INSTALL 2" PE CAP TO COVER SERVICE WHILE LEAVING A 5' STUB S

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.

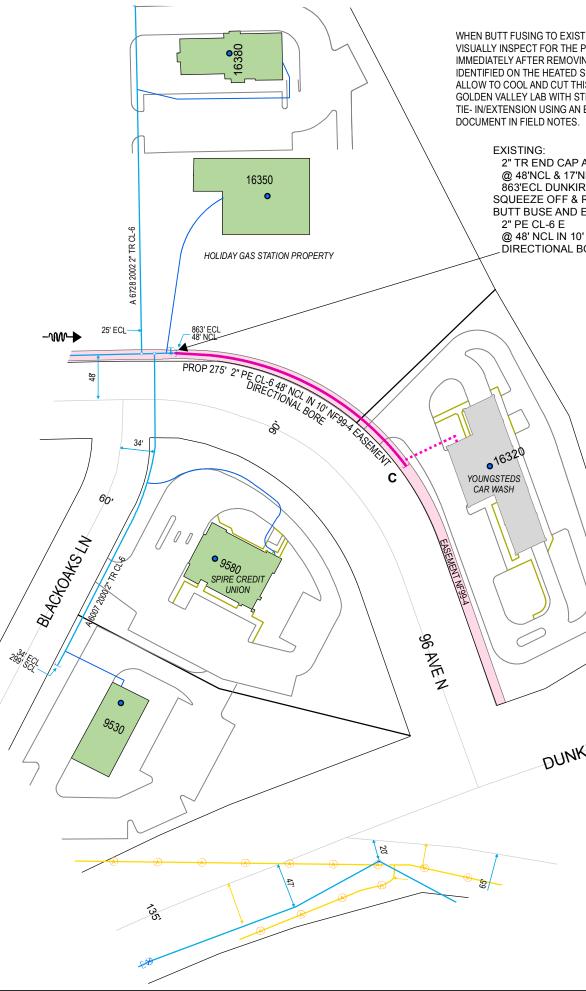
Install a marker ball at a new end of main, at a valve, at each ell of a horizontal offset, at road crossings and at any fitting or pressure control identified as needing to be located in the future. Refer to CenterPoint Energy Construction and Service Manual section CS-B-1.310 for installation procedures.

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.

Uny Tollin Signature: ____

Typed or Printed Name: Casey Tollefson

Date: 4/10/18 License Number: 52693



4/9/2018 10:35:36 AM

ISTING IN-SERVICE POLYETHYLENE, IE PRESENCE OF HYDROCARBON PERMEATION DVING FUSION IRON. IF ANY BUBBLING IS D SURFACE, DO NOT JOIN TO NEW PE PIPE. THIS END OFF (12" LENGTH) AND SEND TO THE STREET LOCATION AND W.O. #. COMPLETE AN ELECTROFUSION COUPLING(S). S. P A4153-1998 7'NN CURB 96 AV N KIRK LA N & REMOVE END CAP D EXTEND: 10' EASEMENT NF99-4	CenterPoint Energy MINNESOTA REGION PROPRIETARY AND CONFIDENTIAL PROJECT #: 85595589 M52900 MAPLE GROVE ONE CALL: Hennepin *SE8 T119/R22 * = this Page
BORE	LEGEND: ACTIVE MAIN DESIGNED MAIN PROPOSED ABANDONED/ OUT OF SERVICE MAIN ABANDONED/ OUT OF SERVICE MAIN PIPE REQUIRED: 275' 2" PE CL-6 275' PIPE
	PROPOSED ABANDONED PIPE: COPIES: PIPELINE INTEGRITY PACKET: N GAS VALVE: N DD NUMBER: N CORROSION: N EMP: N FOLLOW INTERNAL PIPE
JKIRKLNN	SAMPLING REQUIREMENTS? N SURVEYOR REQUIRED? N RETURN PACKET TO ENG? N GFIP#: N PERMITS: MAPLE GROVE
	PROJECT DESCRIPTION: NBCO YOUNGSTEDTS CAR WASH DESIGNER: Wendy Kronwall PHONE #: 612-321-5508 DRAWN BY: Wendy Kronwall DESIGN DATE: 4/6/2018 REVISION INFO: Main SCALE 1": 100' SHEET 1 OF 1