

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".

INSTALL LOCATING POINTS AT A MAXIMUM SPACING OF 1,000 FT.

INSTALL 2" AND 4" TR CL-6  
 @ 6' - 8' OFF EDGE OF ROAD

Purge system until 100% reading is obtained on Combustible Gas Instrument See Section CS-B-1.230 of Operations Manual.

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 Registered Professional Engineer under the laws of the State of Minnesota.

Signature: \_\_\_\_\_  
 Type or Printed Name: David Henningsgaard  
 Date \_\_\_\_\_ REG. No. 22174

**NOT FOR CONSTRUCTION**



MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL

PROJECT #: 62170152

M15700 LITTLE FALLS TOWNSHIP

ONE CALL:  
 Morrison  
 \*NW19 T40/R32  
 \* = this Page

LEGEND:  
 — ACTIVE MAIN  
 — DESIGNED MAIN  
 - - - PROPOSED ABANDONED MAIN  
 (A) ABANDONED MAIN

PIPE REQUIRED:  
 934' 4" TR CL-6  
 1585' 2" TR CL-6  
 -----  
 2519' PIPE

PROPOSED ABANDONED PIPE:

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

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N  
 SURVEYOR REQUIRED? N  
 RETURN PACKET TO ENG? N

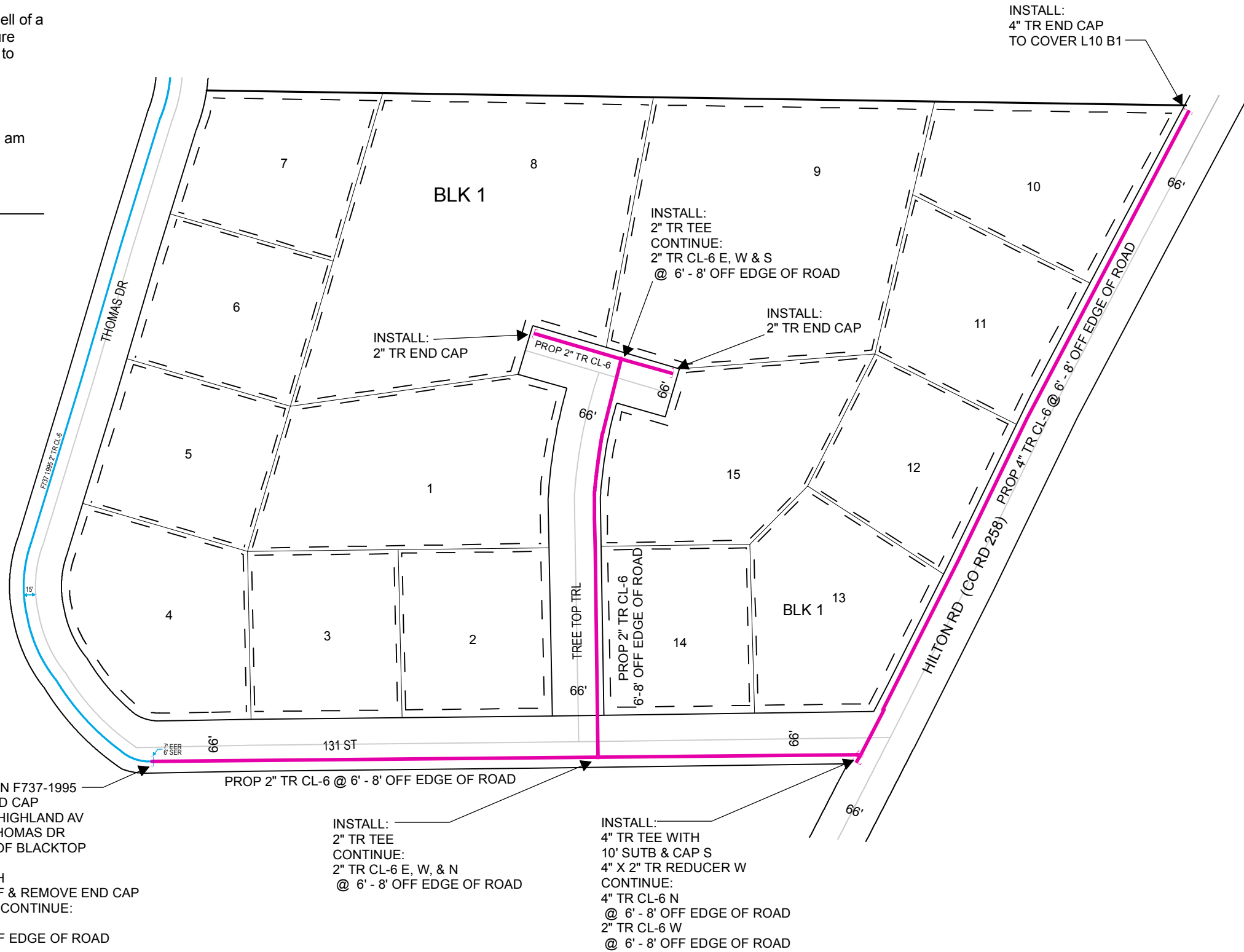
PERMITS: MORRISON COUNTY  
 LITTLE FALLS TOWNSHIP

PROJECT DESCRIPTION: NBRE  
 TREE TOPS

DESIGNER: Wendy Kronwall  
 PHONE #: 612-321-5508  
 DRAWN BY: Wendy Kronwall  
 DESIGN DATE: 8/27/2012

REVISION INFO: 8-28-2012 WLK  
 INSTALL 4" TR ALONG CO RD 258  
 INSTEAD OF 2" TR.

Main  
 SCAN DATE: SCALE 1" = 150'  
 SHEET 1 OF 1



EXISTING MAIN F737-1995  
 2" TR CL-6 END CAP  
 @ 867' WCL HIGHLAND AV  
 18' SCL THOMAS DR  
 7' E END OF BLACKTOP  
 6' SSER  
 38" DEPTH  
 SQUEEZE OFF & REMOVE END CAP  
 BUTT FUSE & CONTINUE:  
 2" TR CL-6 E  
 @ 6' - 8' S OF EDGE OF ROAD

INSTALL:  
 2" TR TEE  
 CONTINUE:  
 2" TR CL-6 E, W, & N  
 @ 6' - 8' OFF EDGE OF ROAD

INSTALL:  
 4" TR TEE WITH  
 10' SUTB & CAP S  
 4" X 2" TR REDUCER W  
 CONTINUE:  
 4" TR CL-6 N  
 @ 6' - 8' OFF EDGE OF ROAD  
 2" TR CL-6 W  
 @ 6' - 8' OFF EDGE OF ROAD

08/28/2012 03:25:34 PM DESIGNER EXPRESS DESIGN