

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.

MAINTAIN A MINIMUM DISTANCE OF 10 FEET FROM ALL BUILDINGS

INSTALL 2" PE CL-6 WITHIN UTILITY EASEMENTS

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: *[Handwritten Signature]*

Typed or Printed Name: Daniel G. Christensen

Date: 11/02/2017 License Number: 46588

PRIOR TO INSTALLATION
 THE DEVELOPER MUST STAKE PROPERTY
 LINES ADJACENT TO THE PROPOSED MAIN

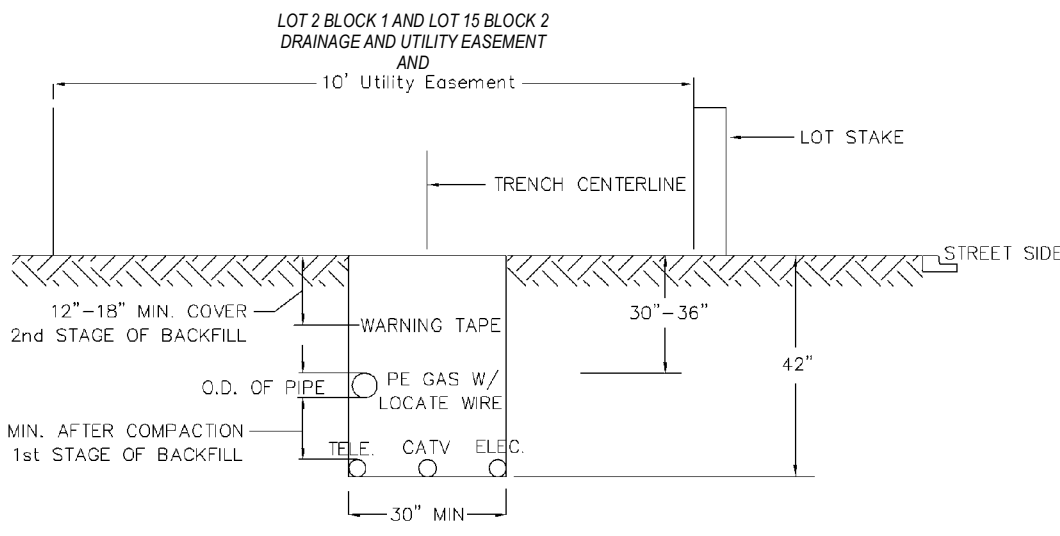
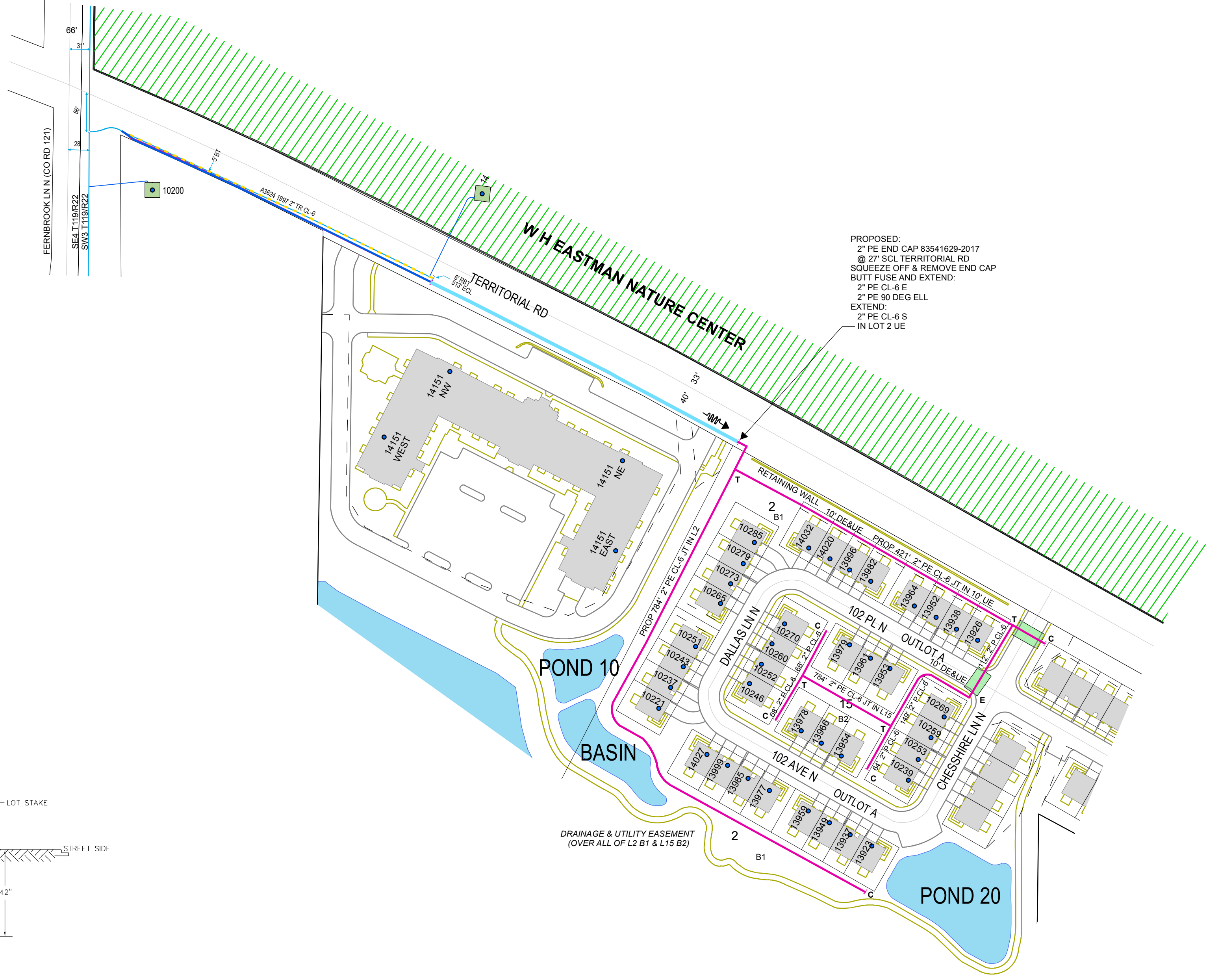


MINNESOTA REGION
 PROPRIETARY AND CONFIDENTIAL
 PROJECT #: 83620828
 M52900 MAPLE GROVE
 ONE CALL:
 Hennepin
 *SW3 T119/R22 MAIN & SERVICES
 *SE4 T119/R22
 * = this Page

LEGEND:
 — ACTIVE MAIN
 — DESIGNED MAIN
 - - - PROPOSED ABANDONED/
 OUT OF SERVICE MAIN
 - - - ABANDONED/
 OUT OF SERVICE MAIN
 — PROPOSED MAIN
 83620828-2017
 4" PVC CONDUIT CROSSING
 TWO REQUIRED

PIPE REQUIRED:
 2353' 2" PE CL-6
 2353' PIPE
 PROPOSED ABANDONED PIPE:

COPIES:
 PIPELINE INTEGRITY PACKET: 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
 GFIP #: N
 PERMITS: MAPLE GROVE 2017-257



DUAL MAIN IN UTILITY EASEMENT

11/11/2017 4:17:45 PM DESIGNER EXPRESS DESIGN

Main SCAN DATE: SCALE 1" = 100' SHEET 1 OF 1