

5/29/2018 9:35:52 AM DESIGNER EXPRESS DESIGN

CONSTRUCTION NOTES

Obtain Construction Plans from Designer prior to starting job.

Coordinate with Contractor / Engineering Firm for exact locations of proposed structures and facilities prior to installation of gas facilities.

Install new main as shown or as directed in field at time of installation

Long side mains and services to be installed below proposed sub-cuts (See Construction Plans).

All test points should be installed in the boulevard or other acceptable locations and avoid placement in driving lanes.

Verify Coating test results if required prior to abandoning main.

CONSTRUCTION PROCEDURES

Install; Clean and Test; and Put in Service; Proposed new main CenterPoint Energy Construction and Services Manual.

Purge new main until essentially 100% reading is obtained on (Indicator. See CenterPoint Energy Construction and Service Manual Section CS-B-1.230 for purging mains into service.

Complete all Service / Meter Work as directed. (See Service S

Cut and Abandon existing main as shown. Purge abandoned m until essentially 0% gas reading is obtained on Combustible Ga See CenterPoint Energy Construction and Service Manual Sect and Section CS-B-1.230 for purging mains out of service using .

Install a marker ball at a new end of main, at a valve, at each ell 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.

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.

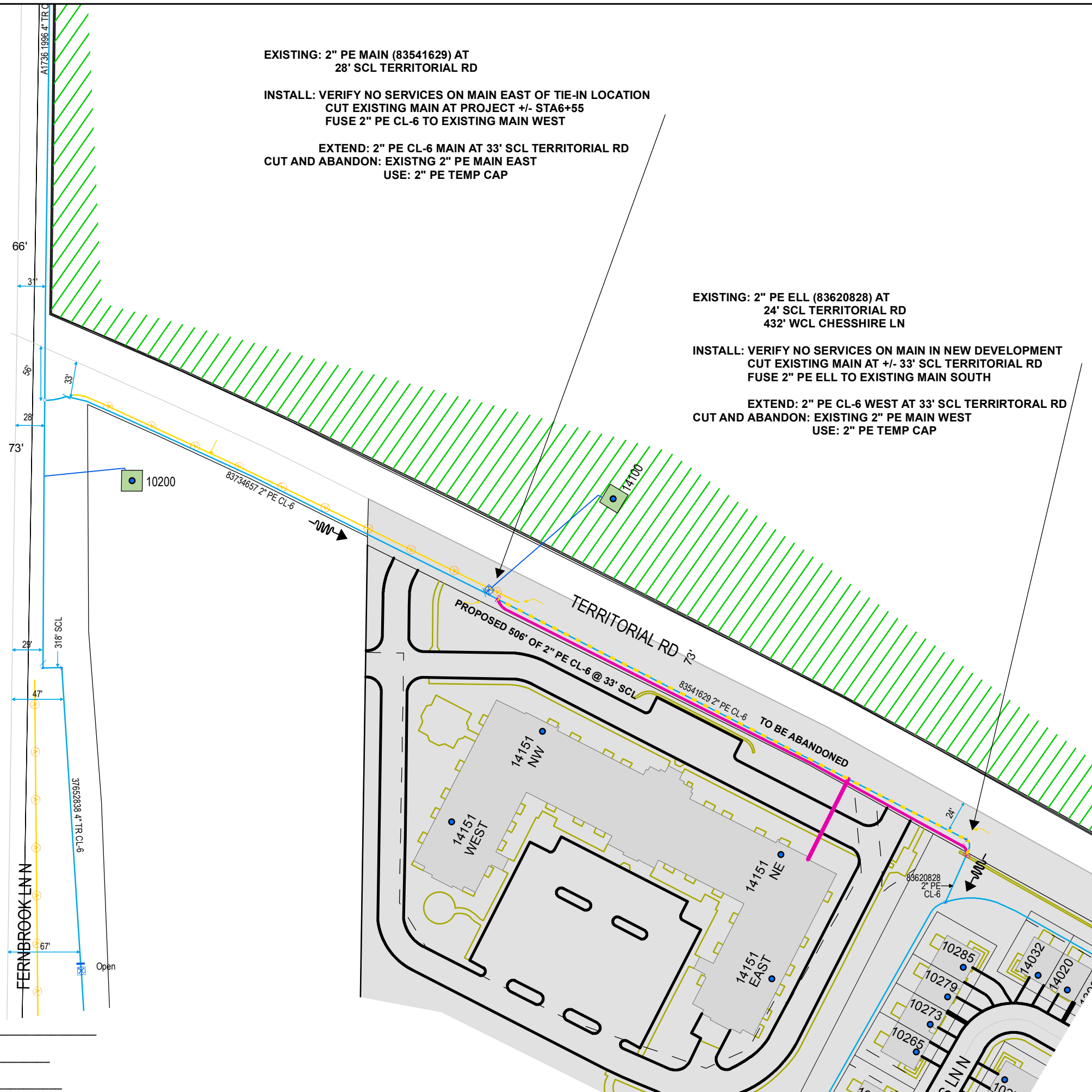
Project area cleared for internal impacts. Pipe being removed is unregulated for disposal if coating does not exist or is non-asbest Refer to CNP Construction and Service Manual CS-B-1.110, CS-B-1.330, and CS-B-1.100, for pipe to be abandoned.

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: Jerome Kallstrom

Typed or Printed Name: Jerome Kallstrom

Date: 5/30/2018 License Number: 13149



MINNESOTA REGION

PROPRIETARY AND CONFIDENTIAL

PROJECT #: **86409710**

M52900 MAPLE GROVE

ONE CALL:
Hennepin
*SW3 T119/R22
*SE4 T119/R22
* = this Page

LEGEND:

- ACTIVE MAIN
- DESIGNED MAIN
- - - PROPOSED ABANDONED/ OUT OF SERVICE MAIN
- ABANDONED/ OUT OF SERVICE MAIN

PIPE REQUIRED:

505' 2" PE CL-6

505' PIPE

PROPOSED ABANDONED PIPE:

548' 2" PE CL-6

548' PIPE

COPIES:

PIPELINE INTEGRITY PACKET: N

STATION MANAGER: N

DD NUMBER:

CORROSION:

EMP: N

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N

SURVEYOR REQUIRED? N

RETURN PACKET TO ENG? N

GFIP#:

PERMITS:

CITY OF MAPLE GROVE

PROJECT DESCRIPTION: SREL TERRITORIAL RD

DESIGNER: TJ Haider
PHONE #: 612-321-5132
DRAWN BY: TJ Haider
DESIGN DATE: 5/29/2018

REVISION INFO:

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