

**CONSTRUCTION PROCEDURES**

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

Purge new main until essentially 100% reading is obtained on Combustible Gas 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 Survey)

See Abandonment Procedures for abandonment and purging procedures.

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.

**ABANDONMENT PROCEDURES**

See Construction Procedures for installation of mains and services prior to abandonments.

**VERIFY THAT SERVICES ARE MOVE TO NEW MAIN BEFORE COMPLETING ABANDONMENTS**

Cut and Abandon existing main as shown. Purge abandoned mains until essentially 0% gas reading is obtained on Combustible Gas Indicator. See CenterPoint Energy Construction and Service Manual Section CS-B-1.110 and Section CS-B-1.230 for purging mains out of service using air movers.

Contact Engineering with questions.

**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-asbestos. 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.

WHEN BUTT FUSING TO EXISTING IN-SERVICE POLYETHYLENE, VISUALLY INSPECT FOR THE PRESENCE OF HYDROCARBON PERMEATION IMMEDIATELY AFTER REMOVING FUSION IRON. IF ANY BUBBLING IS IDENTIFIED ON THE HEATED SURFACE, DO NOT JOIN TO NEW PE PIPE. ALLOW TO COOL AND CUT THIS END OFF (12" LENGTH) AND SEND TO THE GOLDEN VALLEY LAB WITH STREET LOCATION AND W.O. #. COMPLETE TIE- IN/EXTENSION USING AN ELECTROFUSION COUPLING(S). DOCUMENT IN FIELD NOTES.

INSTALL REINFORCING SQUEEZE OFF SUPPORT CLAMP ON ALL SQUEEZE OFF POINTS ON ALDYL A PIPE.

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

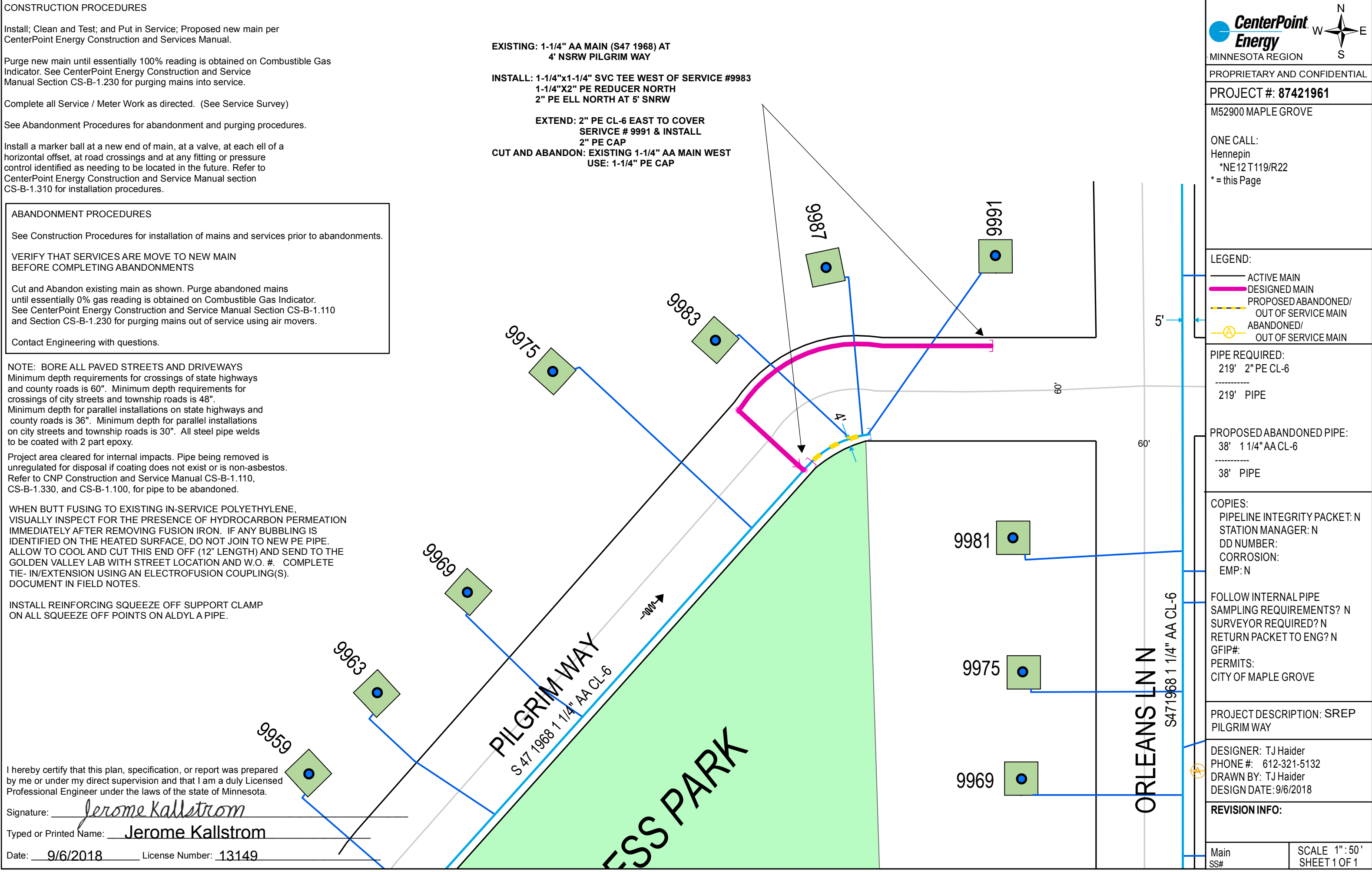
Date: 9/6/2018 License Number: 13149

**EXISTING: 1-1/4" AA MAIN (S47 1968) AT 4' NSRW PILGRIM WAY**

**INSTALL: 1-1/4"x1-1/4" SVC TEE WEST OF SERVICE #9983  
1-1/4"x2" PE REDUCER NORTH  
2" PE ELL NORTH AT 5' SNRW**

**EXTEND: 2" PE CL-6 EAST TO COVER SERVICE # 9991 & INSTALL 2" PE CAP**

**CUT AND ABANDON: EXISTING 1-1/4" AA MAIN WEST USE: 1-1/4" PE CAP**



MINNESOTA REGION  
PROPRIETARY AND CONFIDENTIAL

PROJECT #: **87421961**

M52900 MAPLE GROVE

ONE CALL:  
Hennepin  
\*NE12 T119/R22  
\* = this Page

**LEGEND:**

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

**PIPE REQUIRED:**

219' 2" PE CL-6

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219' PIPE

**PROPOSED ABANDONED PIPE:**

38' 1 1/4" AA CL-6

-----

38' 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:** SREP  
PILGRIM WAY

DESIGNER: TJ Haider  
PHONE #: 612-321-5132  
DRAWN BY: TJ Haider  
DESIGN DATE: 9/6/2018

**REVISION INFO:**

Main SS#	SCALE 1" : 50' SHEET 1 OF 1
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DESIGNER EXPRESS DESIGN

9/6/2018 5:55:50 AM