



**CONSTRUCTION PROCEDURES**

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

Procedure for tapping or making tie-ins to existing gas mains: Verify existing gas main size, type, and location prior to tapping or making tie-in. Monitor and verify, using a pressure gauge, existing gas main Pressure Class within the bell hole of tap location or tie-in location prior to tapping or making tie-in.

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 end 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.

The project includes work on one-way feed mains. Ensure all proposed main is in service, all taps are completed and all services have been transferred to new main prior to 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.

**Pipe ≤ 4 inches Diameter (Unregulated PCB area):**  
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.**

**CenterPoint Energy**  
MINNESOTA REGION  
PROPRIETARY AND CONFIDENTIAL  
PROJECT # **96345977**  
M52900 MAPLE GROVE

ONE CALL:  
Hennepin  
\*NW12 T119/R22  
\*NE11 T119/R22  
\* = this Page

**LEGEND:**

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

**PIPE REQUIRED:**  
3099' 2" PE CL-6  
3099' PIPE

**PROPOSED ABANDONED PIPE:**  
1102' 2" PE CL-6  
1155' 1 1/4" AA CL-6  
4' 2" AA CL-6  
1' 2" TR CL-6  
1' 1 1/4" TR CL-6  
770' 1 1/4" PE CL-6  
3033' PIPE

**COPIES:**  
PIPELINE INTEGRITY PACKET: N  
STATION MANAGER: N  
DD NUMBER: NA  
CORROSION: NA  
EMP: N

**FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? N**

**SURVEYOR REQUIRED? N**

**RETURN PACKET TO ENG? N**

GFIP #: NA

PERMITS: MAPLE GROVE  
HENNEPIN CO

**PROJECT DESCRIPTION:** SP74  
98 AVE N

**DESIGNER:** Travis Denzel  
**PHONE #:** 612-321-5207  
**DRAWN BY:** Travis Denzel  
**DESIGN DATE:** 12/8/2020

**REVISION INFO:**

Main	SCALE 1"=100'
SSR	SHEET 1 OF 1

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: *[Signature]*

Typed or Printed Name: DANIEL G. CHRISTENSEN  
Date: 01/04/2021 License Number: 46588