

CONSTRUCTION NOTES

Install new main as shown or as directed in field at time of installation. Contact Engineering for approval of field generated changes.

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 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.

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.

Cross Compression may be used to lower pressure in line prior to venting trapped gas and purging line out of service.

Warning - cross compression into a one-way feed system requires Engineering approval. Trapped gas to be transferred to CL-6 (55) PSIG system. Do not exceed 55 PSIG on the outlet side of the Cross Compression unit. Monitor using digital gauge on outlet side of unit.

Contact Area C&M Personnel prior to starting job to review Cross Compression process and to arrange field support.

For typical connection of Cross Compression: Plastic Mains: Use a 1-1/4" PE Service Tee with a temp. 1-1/4" anodeless riser with valve. Steel Mains: Use a 2" TOR Drill Nipple.

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.

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.

Pipe > 4-inches Diameter (Unregulated PCB area):

Pipe being removed must be tested for PCBs and asbestos to confirm disposal requirements - contact Environmental, 612-861-8471.

For pipe to be abandoned, refer to CNP Construction and Service Manual CS-B-1.110, CS-B-1.330, and CS-B-1.100.

CORROSION TECH FOR AREA IS

PATRICK CARLSON CELL, 612-434-1220

VALVE/TEST POINT ROADWAY ABANDONMENT PROCEDURES

Within construction limits of road construction projects, remove valve box and cover. Restore as needed.

For CNP only projects, remove valve box and cover when possible and restore with in-kind material.

If roadway cannot be removed, fill with sand and foam the top 2". The cover will remain in place.

Fill out EMP Form 130 for valve abandonments. Verify CP test point with corrosion tech prior to abandonment.



PROPRIETARY AND CONFIDENTIAL

PROJECT #: 99622232

CITY: MAPLE GROVE

COUNTY: HENNEPIN

LEGEND table with categories: IN SERVICE, PROPOSED, PROPOSED ABANDONED, ABANDONED, NOT A PART OF PROJECT. Includes symbols for each category.

Pipe Summary

209' 6" PE Class 6

209' TOTAL PIPE

209' TOTAL PIPE

Proposed Abandoned Pipe

34' 6" STL Class 6

108' GENERIC PLASTIC OTHER MAIN - 6" Class 6

142' TOTAL PIPE

COPIES: PIPELINE INTEGRITY PACKET: N, STATION MANAGER: N, DD NUMBER: N/A, CORROSION: PATRICK CARLSON, EMP: 15637161

EMP FOR ABANDONMENT: 14509235

SITE CONTACT: N/A

SURVEYOR REQUIRED? N

RETURN PACKET TO ENG? N

JOB BRIEFING REQUIRED? N

GFIP #: 399-2024

PERMITS: CITY OF MAPLE GROVE

PROJECT DESCRIPTION: SREP

UPLAND LN N

DESIGNER: KEVIN SCOTT

PHONE#: 612-321-4454

DRAWN BY: KEVIN SCOTT

DESIGN DATE: 10/21/2024

REVISION INFO:

MAIN

SS#: #

SCALE: 1" = 60'

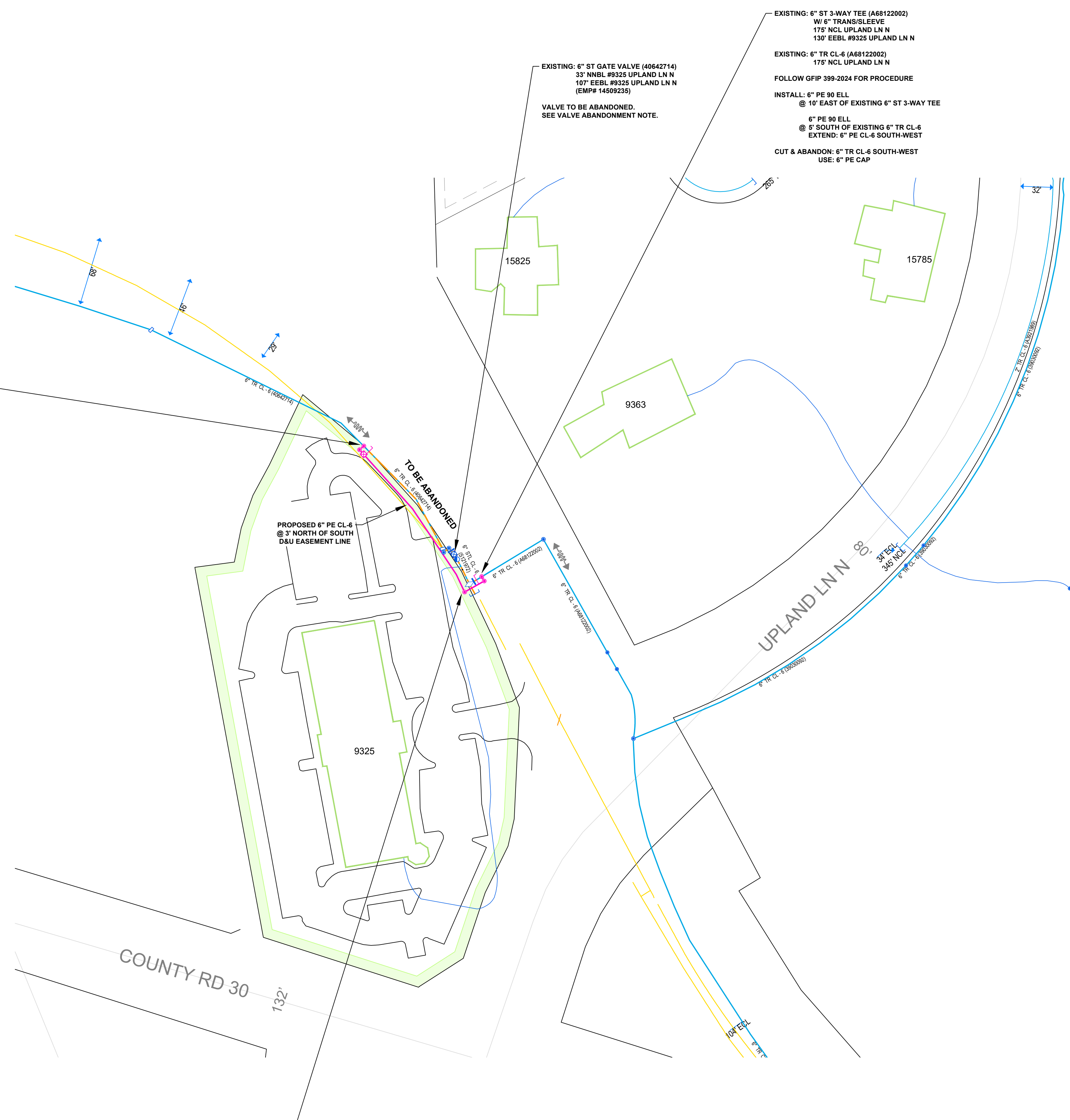
SHEET 1 OF 1

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: _____

Typed or Printed Name: _____

Date: _____ License Number: _____



EXISTING: 6" TR CL-6 (40642714)
101' EEBL #9325 UPLAND LN N

FOLLOW GFIP 399-2024 FOR PROCEDURE

INSTALL: 6" PE 90 ELL
@ 350' NCL UPLAND LN N
EXTEND: 6" PE CL-6 SOUTH-WEST

6" PE 90 ELL
@ 3' NORTH OF SOUTH D&U EASEMENT LINE
6" POLY VALVE IN RW (EMP# 15637161)
EXTEND: 6" PE CL-6 SOUTH-EAST

CUT & ABANDON: 6" TR CL-6 SOUTH-EAST
USE: 6" PE CAP

NOTE: INTENT IS TO INSTALL PROPOSED 6" PE CL-6 WITHIN EXISTING 10' WIDTH DRAINAGE & UTILITY EASEMENT. VERIFY W/ FIELD STAKING.

EXISTING: 6" TR CL-6 (A68122002)
175' NCL UPLAND LN N

INSTALL: 6" PE 90 ELL
@ 3' EAST OF WEST D&U EASEMENT LINE
@ 6' SOUTH OF EXISTING 6" TR CL-6
EXTEND: 6" PE CL-6 NORTH-WEST

NOTE: INTENT IS TO INSTALL PROPOSED 6" PE CL-6 WITHIN EXISTING 10' WIDTH DRAINAGE & UTILITY EASEMENT. VERIFY W/ FIELD STAKING.

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