

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. Contact Engineering for approval of field generated changes.
 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 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 all 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 Services 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 90". 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 30". 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):
 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.



PROPRIETARY AND CONFIDENTIAL

PROJECT #: 115735861
 CITY: MAPLE GROVE
 COUNTY: HENNEPIN

LEGEND:

—	IN SERVICE
- - -	PROPOSED
- - -	PROPOSED ABANDONED
○	ABANDONED
○	NOT A PART OF PROJECT
○	SEE NOTES

Pipe Summary

96'	2" PE Class 6
863'	4" PE Class 6
959'	TOTAL PIPE

Proposed Abandoned Pipe

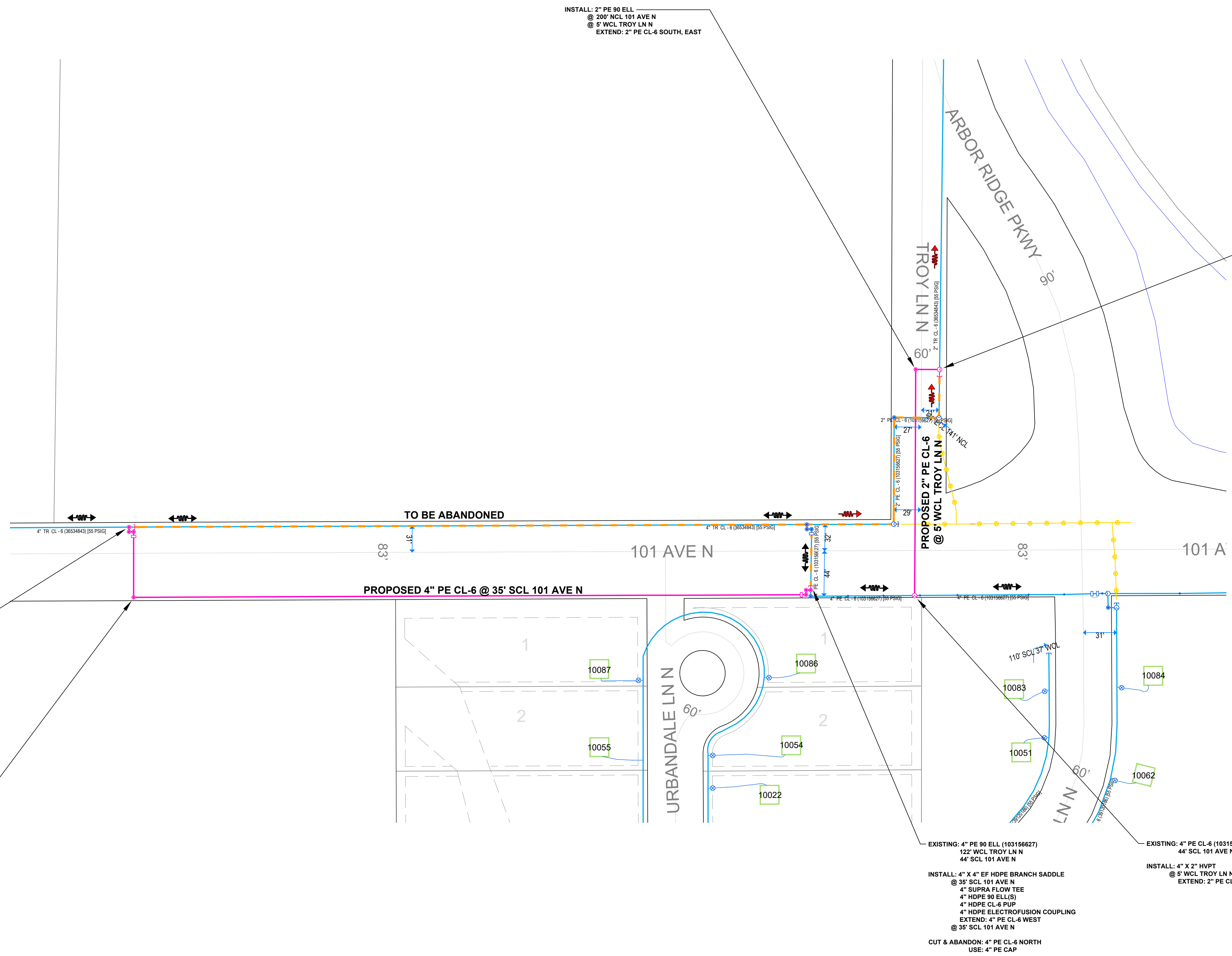
5'	2" PE Class 6
66'	4" PE Class 6
871'	GENERIC PLASTIC OTHER MAN - 4" Class 6
942'	TOTAL PIPE

COPIES:
 PIPELINE INTEGRITY PACKET: N
 STATION MANAGER: N
 DD NUMBER: N/A
 CORROSION: PATRICK CARLSON
 EMP: N
 SITE CONTACT: MARIAN FAJTAG
 STANTEC
 (612) 834-9606
 SURVEYOR REQUIRED? N
 RETURN PACKET TO ENG? N
 JOB BRIEFING REQUIRED? Y
 GFIP #: N/A
 PERMITS: CITY OF MAPLE GROVE

PROJECT DESCRIPTION: SREL
 101 AVE N
 DESIGNER: KEVIN SCOTT
 PHONE#: 612-321-4454
 DRAWN BY: KEVIN SCOTT
 DESIGN DATE: 03/12/2025

REVISION INFO:

MAIN	SCALE: 1" = 60'
SS#: #	SHEET 1 OF 1



EXISTING: 4" TR CL-6 (36534843)
 31' NCL 101 AVE N
 INSTALL: 4" X 4" EF HDPE BRANCH SADDLE
 @ 850' WCL TROY LN N
 4" SUPRA FLOW TEE
 4" HDPE 90 ELL(S)
 4" HDPE CL-6 PUP
 4" HDPE ELECTROFUSION COUPLING
 EXTEND: 4" PE CL-6 SOUTH
 @ 850' WCL TROY LN N
 CUT & ABANDON: 4" TR CL-6 EAST
 USE: 4" PE CAP

INSTALL: 4" PE 90 ELL
 @ 850' WCL TROY LN N
 @ 35' SCL 101 AVE N
 EXTEND: 4" PE CL-6 NORTH, EAST

INSTALL: 2" PE 90 ELL
 @ 200' NCL 101 AVE N
 @ 5' WCL TROY LN N
 EXTEND: 2" PE CL-6 SOUTH, EAST

EXISTING: 2" TR CL-6 (36534843)
 21' ECL TROY LN N
 INSTALL: 2" X 2" HVPT
 @ 200' NCL 101 AVE N
 EXTEND: 2" PE CL-6 WEST
 CUT & ABANDON: 2" TR CL-6 SOUTH
 USE: 2" PE CAP

EXISTING: 4" PE 90 ELL (103156627)
 122' WCL TROY LN N
 44' SCL 101 AVE N
 INSTALL: 4" X 4" EF HDPE BRANCH SADDLE
 @ 35' SCL 101 AVE N
 4" SUPRA FLOW TEE
 4" HDPE 90 ELL(S)
 4" HDPE CL-6 PUP
 4" HDPE ELECTROFUSION COUPLING
 EXTEND: 4" PE CL-6 WEST
 @ 35' SCL 101 AVE N
 CUT & ABANDON: 4" PE CL-6 NORTH
 USE: 4" PE CAP

EXISTING: 4" PE CL-6 (103156627)
 44' SCL 101 AVE N
 INSTALL: 4" X 2" HVPT
 @ 5' WCL TROY LN N
 EXTEND: 2" PE CL-6 NORTH

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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: _____