

## CONSTRUCTION PROCEDURES

Install; Clean and Test; and Put in Service; Proposed new main as shown.

Purge system until 100% reading is obtained on Combustible Gas Instrument See Section CS-B-1.230 of Operations Manual.

Complete all Service / Meter Work as directed. (See Service Survey)

Cut and Abandon existing main as shown. Purge abandoned mains as Directed by CenterPoint Energy Construction and Service Manual. See Section: CS-B-1.110

## CORROSION TECH FOR AREA IS:

KEVIN KLINGEL, CELL 612-910-1551

EXISTING  
4" ST CL-2, AFE4378 1960 **(AT)**  
APPROX. 1' FRONT CURB  
AT APPROX. WEST LINE 1 ST NE  
INSTALL  
4" 3 WAY TEE,  
WITH 17# ANODE & TEST POINT  
4" TR TRANS/SLEEVE  
4" TR FULL FLOW TEE EAST  
(CONTINUE 4" TR EAST ACROSS 1 ST NE)  
4" TR 90 DEG ELL EAST WITH  
4" x 3" TR REDUER  
3" TR TRANS/SLEEVE  
AND  
3" 3 WAY TEE,  
WITH 17# ANODE & TEST POINT  
TO CONNECT TO  
EXISTING  
3" ST CL-2, AFE 4377 1960 **(AT)**  
AT APPROX. 6' BACK OF CURB

AFTER NEW MAIN IS IN SERVICE,  
CUT AND ABANDON 4" ST EAST  
OF NEW 4" 3 WAY TEE,  
USE (1) 4" WELD CAP.

AFTER NEW MAIN IS IN SERVICE,  
CUT AND ABANDON 4" ST WEST  
OF NEW 4" 3 WAY TEE,  
USE (1) 4" WELD CAP.

Project area not cleared for internal contaminants. Due to pipe size in project area no internal testing method is allowed. See packet for special abandon/removal requirements. Any pipe that may need removal must be disposed of by CenterPoint Energy.

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 \_\_\_\_\_

Type or Printed Name: Jerome K. Kallstrom

Date \_\_\_\_\_ REG. No 13149

**(AT)** DENOTES COATING SAMPLE LOCATION. CONTACT MARILEE DOHERTY (612-861-8671) IN ENVIRONMENTAL PROGRAMS TO SCHEDULE SAMPLING OF PIPE COATING. (GIVE HER 48 HOURS NOTICE WHEN POSSIBLE TO ARRANGE FOR A LICENSED INSPECTOR).

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AND

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AT APPROX. 6' BACK OF CURB

AFE4378 1960 4" ST CL-2

100'

6' BC

100'

6' BC