

CORROSION DEPT.
O.K. PAUL TESSELINK

NOTE:
EXISTING STEEL PIPE TO BE REMOVED
HAS BEEN PREVIOUSLY IDENTIFIED
AS POSITIVE FOR ASBESTOS.

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.

RETIRED MAIN IS TO BE REMOVED. ALL PIPE IS TO BE DISPOSED BY CENTERPOINT ENERGY. CONTACT CHRIS LANASA AT 612-321-5448 TO COORDINATE DISPOSAL. ALL AND ROLL AWAY AND THE CITY OF LITTLE FALLS AND MORRISON COUNTY IF ABANDONED MAINS CAN REMAIN IN PLACE.

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 PROCEDURE.

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.



PROPRIETARY AND CONFIDENTIAL

PROJECT #: 82843278

M16000 LITTLE FALLS

ONE CALL:
Morrison
*SE18 T129/R29
*NE19 T129/R29
* = this Page

LEGEND:
— ACTIVE MAIN
— DESIGNED MAIN
- - - PROPOSED ABANDONED/
- - - OUT OF SERVICE MAIN
- - - ABANDONED/
- - - OUT OF SERVICE MAIN

PIPE REQUIRED:
130' 6" STL CL-6
115' 4" STL CL-6

245' PIPE

PROPOSED ABANDONED PIPE:
269' 6" STL CL-6
80' 4" STL CL-6

349' PIPE

COPIES:
PIPELINE INTEGRITY PACKET: NO
GAS VALVE: NO
DD NUMBER: NONE
CORROSION: YES
CORR. TECH: PAUL TESSELINK
EMP: YES

FOLLOW INTERNAL PIPE SAMPLING REQUIREMENTS? YES

SURVEYOR REQUIRED? NO

RETURN PACKET TO ENG? NO

GFIP #: NO

PERMITS: CITY OF LITTLE FALLS
MORRISON CO. RD. 52

PROJECT DESCRIPTION: SREP
VALVE REPLACEMENT LINDBERGH DR

DESIGNER: Steve Guhanick
PHONE #: 612-321-5421
DRAWN BY: Sean Gutknecht
DESIGN DATE: 7/21/2017

REVISION INFO:

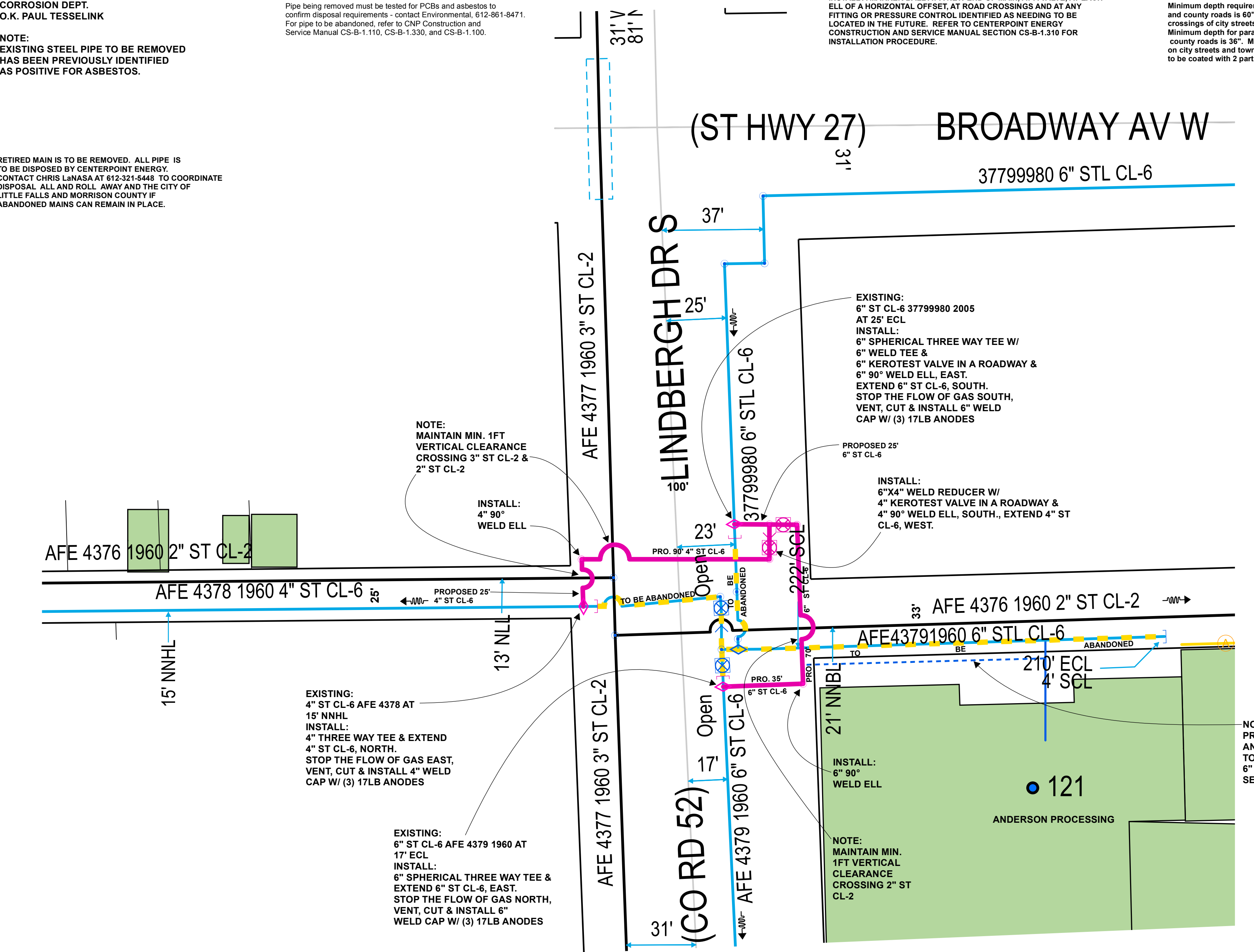
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: Jerome Kallstrom

Typed or Printed Name: Jerome Kallstrom

Date: 7/27/2017 License Number: 13149

Main SCAN DATE: SCALE 1" = 30'
SHEET 1 OF 1



CONSTRUCTION PROCEDURE

FIELD SERVICES CAN NOT FIND SOURCE OF LEAK AT VALVES OR FITTINGS. REPLACE VALVES AND PIPING, AND REMOVED EXISTING VALVES. DETERMINE IF ABANDONED MAIN CAN REMAIN IN GROUND WITH THE CITY OF LITTLE FALLS AND MORRISON COUNTY. IN THE PAST THE CITY HAS REQUIRED ASBESTOS POSTIVE MAINS TO BE REMOVED.

INSTALL THE PROPOSED 6" AND 4" STEEL CLASS 6 MAINS AND VALVES. TEST AND PURGE PER THE CENTERPOINT ENERGY CONSTRUCTION AND SERVICE MANUAL SECTION CS-B-1.220 THROUGH CS-B-1.230 FOR CLASS 6 MAINS. PURGE NEW MAINS UNTILL ESSENTIALLY A 100% READING IS OBTAINED ON A COMBUSTIBLE GAS INDICATOR.

SEE THE SERVICE SURVEY FOR SERVICES TO BE TEST AND CONNECTED OR REPLACED. THE EXISTING SERVICE FOR ANDERSON PROCESSING NEEDS TO BE CONNECTED TO THE NEW 6" STEEL CLASS 6 ON LINDBERGH DRIVE.

USE THE PREVIOUSLY INSTALLED THREE WAY TEES TO STOP THE FLOW OF GAS, VENT, CUT AND INSTALL WELD CAPS. PURGE ABANDONED MAINS UNTIL ESSENTIALLY A 0% READING IS OBTAINED ON A COMBUSTIBLE GAS INDICATOR PER THE CENTERPOINT ENERGY CONSTRUCTION AND SERVICE MANUAL SECTION CS-B-1.110. ABANDONED MAINS HAVE BEEN PREVIOUSLY IDENTIFIED AS POSITIVE FOR ASBESTOS IN PIPE COATING MATERIAL. COORDINATE DISPOSAL AND ROLL AWAY WITH CHRIS LANASA AT 612-321-5448.

PROVIDE (3) 17LB ANODES AT TIE IN LOCATIONS AS SHOWN AND AS DIRECTED BY PAUL TESSELINK AT 612-910-1378.

7/25/2017 10:42:05 AM DESIGNER EXPRESS DESIGN