

**SYSTEM PLANNING:**  
 • THERE ARE NO CONCERNS WITH THIS WO  
**GAS OPS/GAS CONTROL**  
 • FLOW ARROWS REFLECT GAS FEED PRIOR TO THIS WO

**CONSTRUCTION ENGINEERING:**  
 • INSTALL IN ROW ON LEES SUMMIT RD/DOUGLAS ST  
 • WO TO BE STAKED PRIOR TO CONSTRUCTION PER SR 9886939 BASED ON THE MAXIMO SCHEDULE START DATE. COORDINATE WITH ROW AT LEAST THREE WEEKS PRIOR TO CONSTRUCTION.  
 • MAIN INSTALLED INSIDE DEVELOPMENT WILL BE IN BLANKET EASEMENT AND DOES NOT NEED TO BE STAKED SEE SR 9722070 FOR INFORMATION

**PROPOSED PIPE SYSTEM**  
 PRESSURE SYS - 58 PSIG  
 DESIGNED MAOP - 58 PSIG  
 TEST PRESSURE - 100 PSIG

**ENVIRONMENTAL:**  
 • THERE ARE NO ENVIRONMENTAL CONCERNS WITH THIS WORK ORDER

**PIPELINE SAFETY AND COMPLIANCE:**  
 • THERE ARE NO PIPELINE SAFETY AND COMPLIANCE CONCERNS FOR THIS WORK ORDER

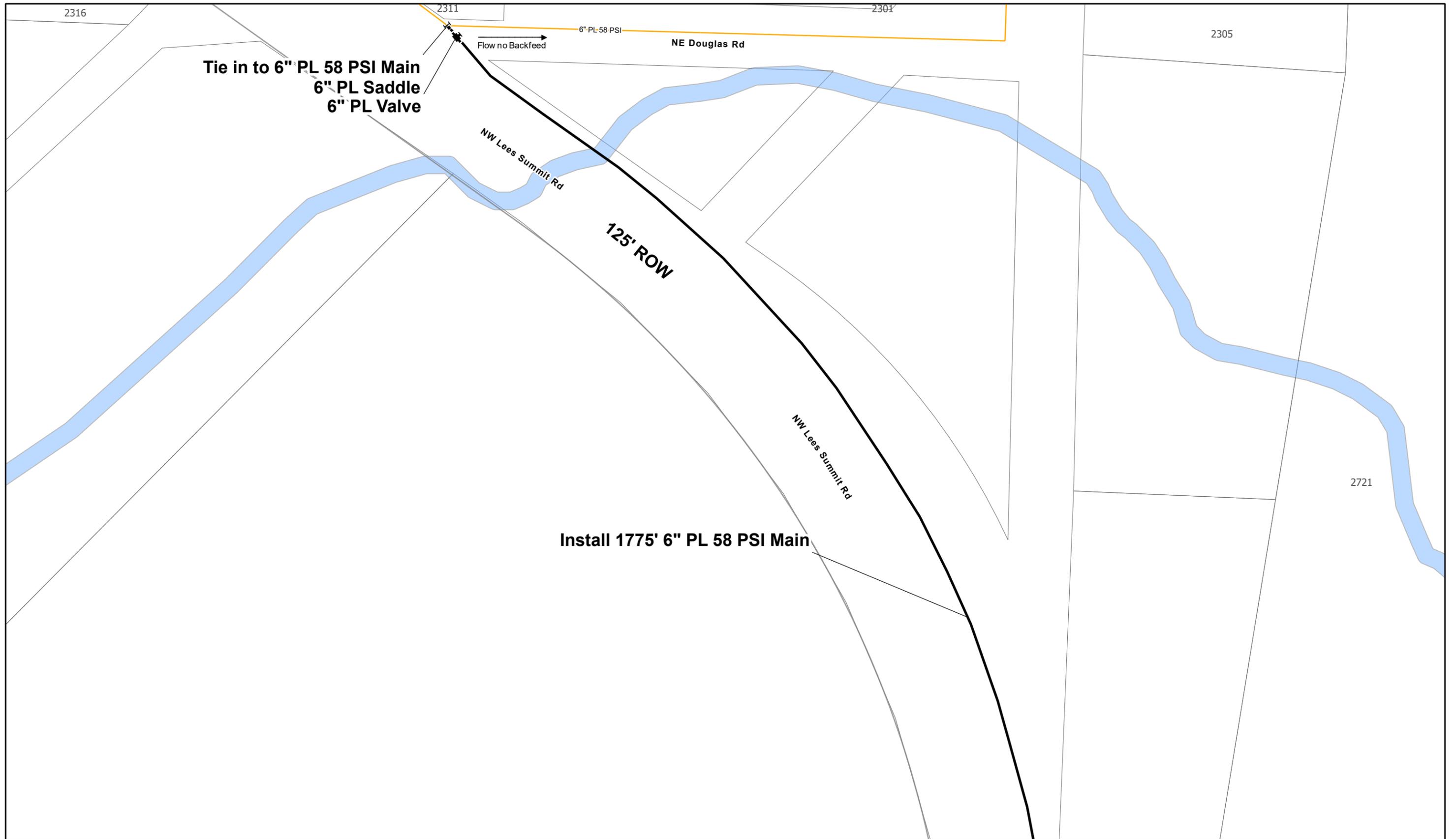
1. INSTALL AND ABANDON STEEL AND PLASTIC MAIN AND SERVICES PER SPIRE OPM STANDARDS.
2. SEE STD. 200.A FOR PRESSURE TESTING PIPING REQUIREMENTS
3. SEE STD. 180.B FOR EFV AND/OR MANUAL SHUTOFF VALVE INSTALLATION REQUIREMENTS
4. SEE STD. 170.I AND 190.G FOR TRACE WIRE AND TEST STATION INSTALLATION INFORMATION.
5. CORROSION PROTECTION INSPECTOR TO CHECK CATHODIC PROTECTION OF ALL EXISTING CATHODICALLY PROTECTED FACILITIES EXPOSED AND PROTECTED FACILITIES EXPOSED AND DIRECT STEPS NECESSARY TO MAINTAIN PROPER ISOLATION AND CATHODIC PROTECTION AS REQUIRED. A PIPE OBSERVATION REPORT IS TO BE CREATED IN MAXIMO ON READINGS
6. INSTALL ANODES PER STD. 190.C AND/OR TEST STATIONS PER STD. 190.G PER INSTRUCTIONS FROM CORROSION PROTECTION INSPECTOR.
7. CONDUCT INITIAL CATHODIC PROTECTION SURVEY FOR NEW STEEL INSTALLATION. (SEE 190.I FOR CATHODIC PROTECTION AT TIE INS)
8. CREATE PIPE OBSERVATIONS IN MAXIMO TO DOCUMENT EXPOSED PIPE CONDITIONS PER STD. 190.A, EXTERNAL CORROSION.
9. FOR UTILITY LOCATES, CALL ONE-CALL SYSTEM "811" OR (1-800-344-7483), AND ALL OTHER AFFECTED UTILITIES
10. CONTACT GIS DEPARTMENT FOR NECESSARY FIELD NOTES AT 314-349-2963.
11. CONTACT ROW TO SECURE NECESSARY EASEMENTS AND FOR ANY SURVEY WORK AT 314-713-6542
12. SEE STD. 170.J FOR SQUEEZE-OFF PROCEDURE
13. SEE STD. 170.A FOR GAS INTERRUPTION PROCEDURE REQUIREMENTS. CONTACT SYSTEM CONTROL AT 314-658-5486 OR 314-658-5488 PRIOR TO ANY WORK
14. SEE STD. 150.A AND 150.E FOR RADIOGRAPHIC EXAMINATION REQUIREMENTS
15. SPIRE PERSONNEL SHOULD FOLLOW STANDARD PRECAUTIONS REGARDING THE POTENTIAL FOR DRIP OIL TO BE PRESENT IN ACTIVE GAS MAINS AND ADHERE TO APPROVED PROCEDURES FOR MANAGEMENT/DISPOSAL OF ANY PIECES OF PIPE GENERATED IN THE COURSE OF ABANDONMENT. ANY DOCUMENTED DRIPS SHOULD BE CLEARED AND DRAINED BEFORE ABANDONMENT.

| Existing Main / Asset Material  | Main and Service   | Valves/Meters/Regulators/CP  | Fittings  | Typical Soil Depth: 30" to 36"  |
|---|--|--|---|---|
| <ul style="list-style-type: none"> <li>— Bare Steel</li> <li>— Coated Steel</li> <li>— Screwed Steel</li> <li>— Cast Iron</li> <li>— Plastic</li> </ul> | <ul style="list-style-type: none"> <li>— Proposed</li> <li>— Abandon</li> <li>— Proposed Previous WO</li> <li>— Abandon Previous WO</li> </ul> | <ul style="list-style-type: none"> <li>⊗ Excess Flow Valve</li> <li>⊗ Meter</li> <li>⊗ Controllable Valve</li> <li>⊗ Regulator</li> <li>⊗ Anode</li> </ul> | <ul style="list-style-type: none"> <li>⊗ End Cap</li> <li>⊗ Flange</li> <li>⊗ Reducer</li> <li>⊗ Tee</li> <li>⊗ Coupling</li> <li>⊗ Line Stopper</li> <li>⊗ Elbow</li> <li>⊗ Transition</li> <li>⊗ Tap / Saddle / Controllable Tee</li> </ul> | <ul style="list-style-type: none"> <li>Normal Soil</li> <li>Gravel</li> <li>Sand</li> <li>Channery</li> <li>Solid Rock</li> </ul> |

FOR QUESTIONS ABOUT THIS DESIGN OR TO REQUEST A SCOPE OF WORK CHANGE PLEASE CONTACT JORDAN NGO AT 816-207-8157 OR FRED DEL TORO 816-266-3033

**Check for Work Order Authorization**

|                    |                            |
|--------------------|----------------------------|
| DESIGNER:<br>40170 | REVISION DATE(S):<br>_____ |
| DATE:<br>12/9/2025 | _____                      |



**Work Order Title: Discovery Park - MEXTE - Lee's Summit**

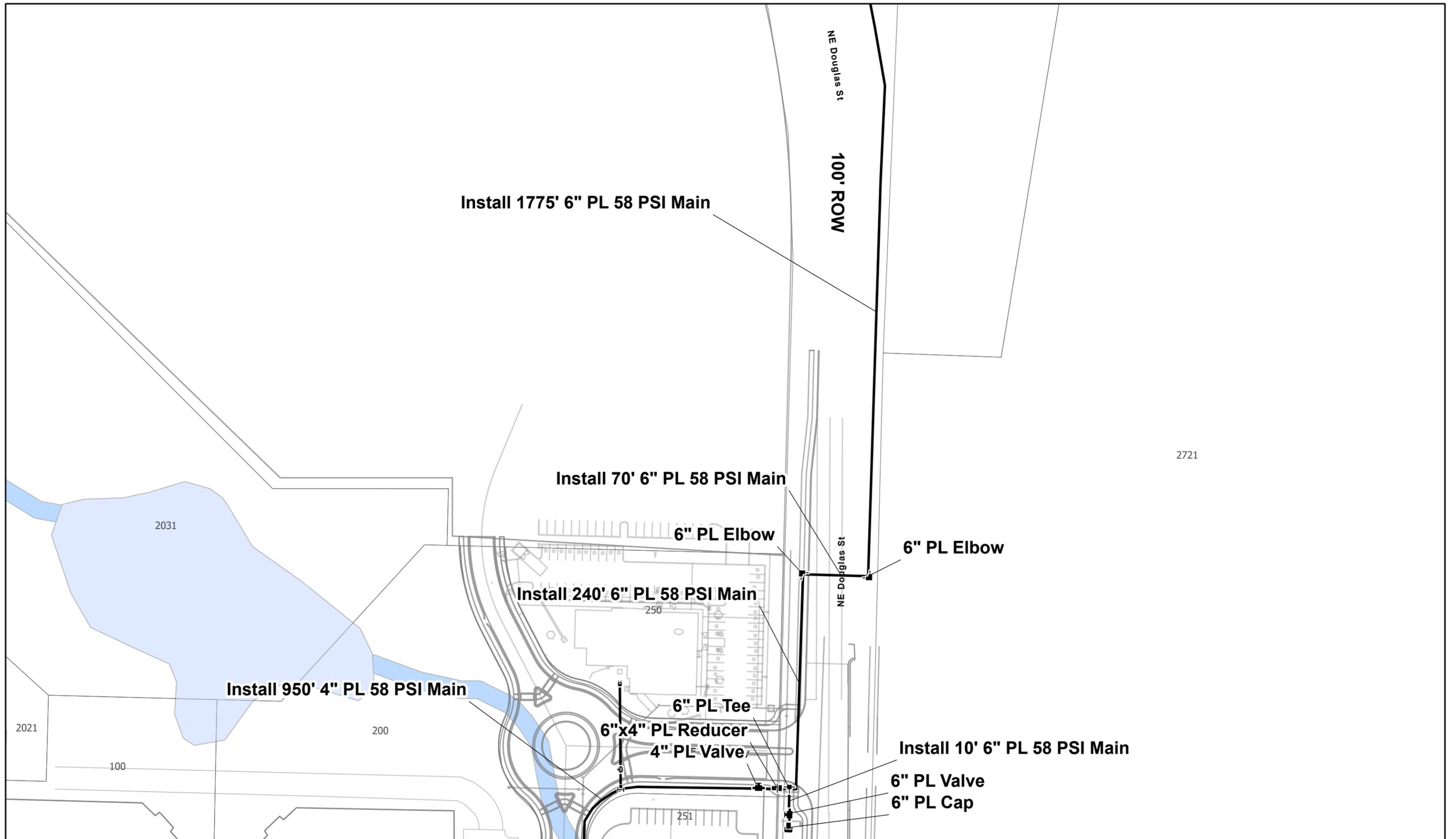
**Work Order: 36699719 Project #:808109**

**Municipality: Lee's Summit**

1:1,200

1 inch = 100 feet





**Work Order Title: Discovery Park - MEXTE - Lee's Summit**

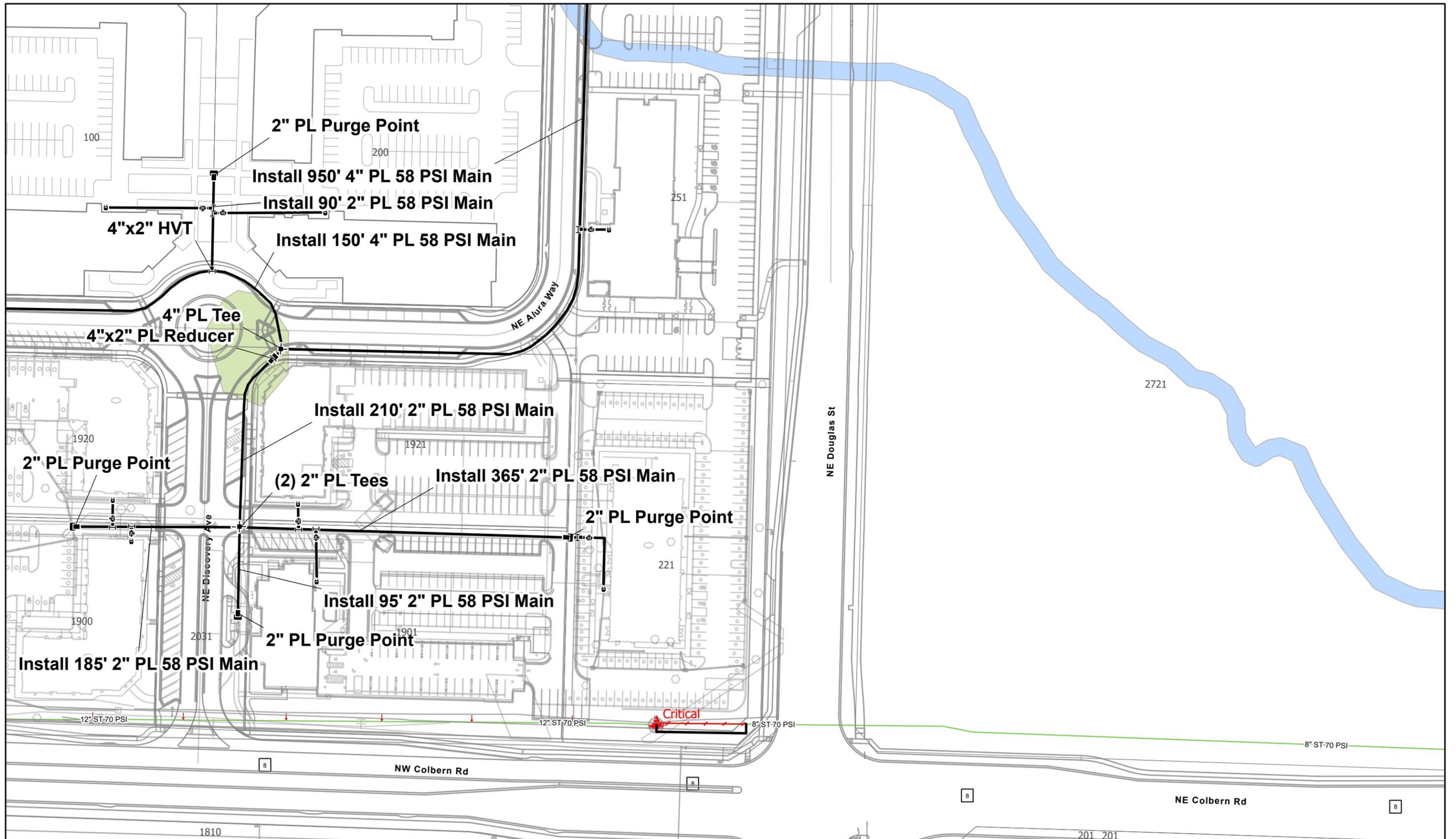
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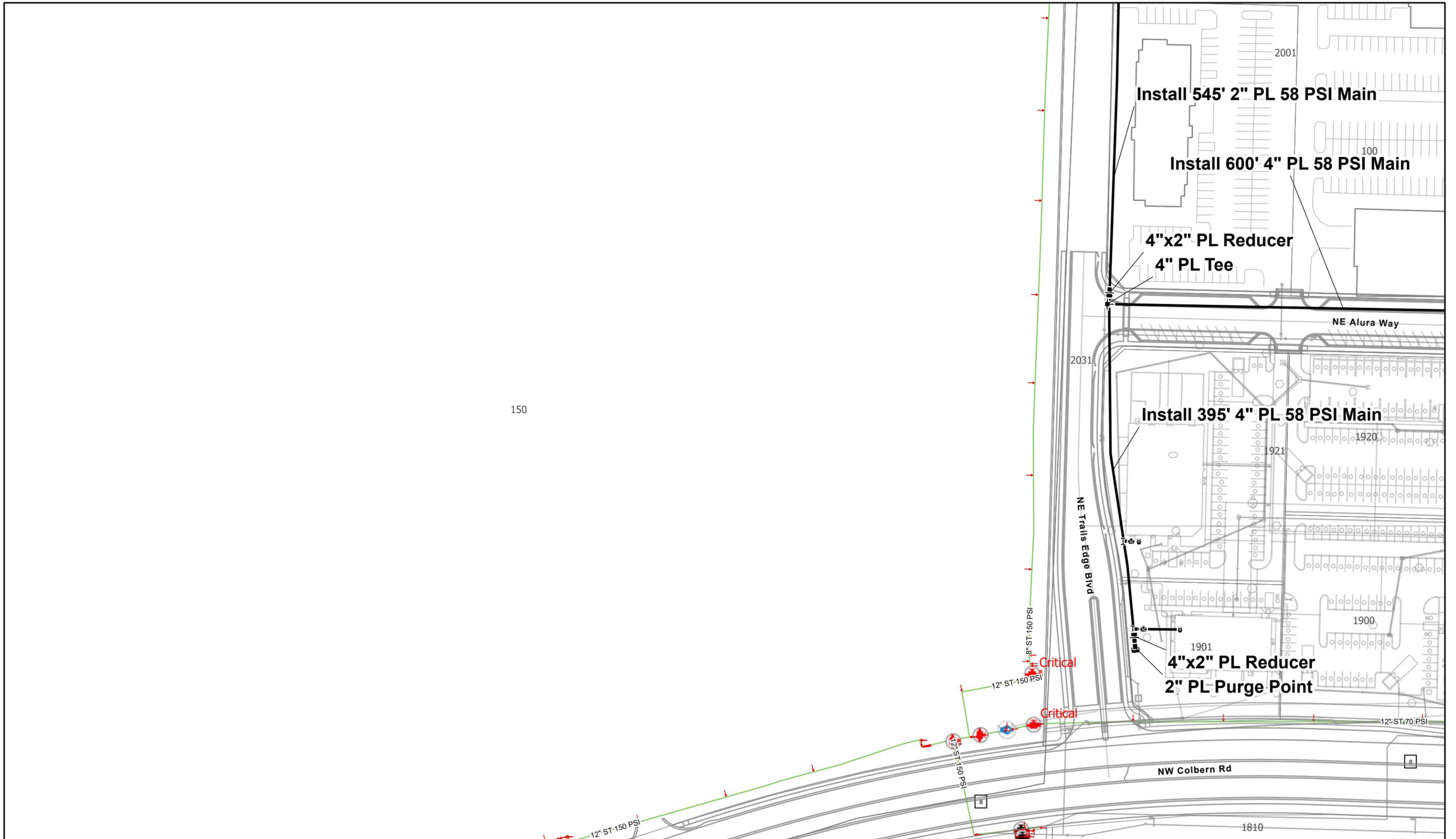
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Work Order: 36699719 Project #:808109

Municipality: Lee's Summit Unity Village

1:1,200

1 inch = 100 feet





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1:1,200

1 inch = 100 feet



Work Order Title: Discovery Park - MEXTE - Lee's Summit

Work Order: 36699719 Project #:808109 Municipality: Lee's Summit Unity Village



Tie-in Number \_\_\_\_\_  
 Soap Test  Yes  No  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 System Gauge Pressure: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Tie-in Number \_\_\_\_\_  
 Soap Test  Yes  No  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 System Gauge Pressure: \_\_\_\_\_  
 Signature: \_\_\_\_\_

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 System Gauge Pressure: \_\_\_\_\_  
 Signature: \_\_\_\_\_

### PRESSURE TEST OF GAS MAINS (One Test Per Sheet)



Pipe Size: \_\_\_\_\_ Length (ft): \_\_\_\_\_

Pipe Size: \_\_\_\_\_ Length (ft): \_\_\_\_\_

Pipe Size: \_\_\_\_\_ Length (ft): \_\_\_\_\_

Designed MAOP \_\_\_\_\_

Test Medium: Water \ Air \ Gas Other: \_\_\_\_\_

Gauge Type: Recording Indicating Dead Weight

Gauge I.D. : \_\_\_\_\_

Calibration Date : \_\_\_\_\_

Test Date: \_\_\_\_\_

Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Start Press.: \_\_\_\_\_ End Press. : \_\_\_\_\_

Start Temp.\*: \_\_\_\_\_ End Temp.\*: \_\_\_\_\_

\* Water or Pipe temperature, not ambient

**If Discharge volume is over 1,000 gallons - Contact Lab for sample.**

Note all leaks or failures, including cause, and corrective action taken in comments below.

**SEE STD. 200.A FOR PRESSURE TESTING OF MAIN REQUIREMENTS. FOR ANY QUESTIONS REGARDING THE STANDARD, PLEASE CONTACT PIPELINE SAFETY AND COMPLIANCE AT 816-863-1664 OR 816-469-9840.**

**Conducted By:**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Page : \_\_\_\_\_ Of: \_\_\_\_\_