

CONSTRUCTION ENGINEERING:

- THERE ARE NO CONSTRUCTION ENGINEERING CONCERNS FOR THIS WORK ORDER

SYSTEM PLANNING:

- FLOW ARROWS REFLECT GAS FEED PRIOR TO THIS WO

GAS CONTROL

- THERE ARE NO SYSTEM CONTROL CONCERNS WITH THIS WO

PIPE SYSTEM
PRESSURE SYS - C-017
MOP - 55 PSIG
MAOP - 55 PSIG
DESIGNED MAOP - 60 PSIG
TEST PRESSURE - 100 PSIG

ENVIRONMENTAL:

- THERE ARE NO ENVIRONMENTAL CONCERNS WITH THIS WORK ORDER

PIPELINE SAFETY AND COMPLIANCE/ CP:

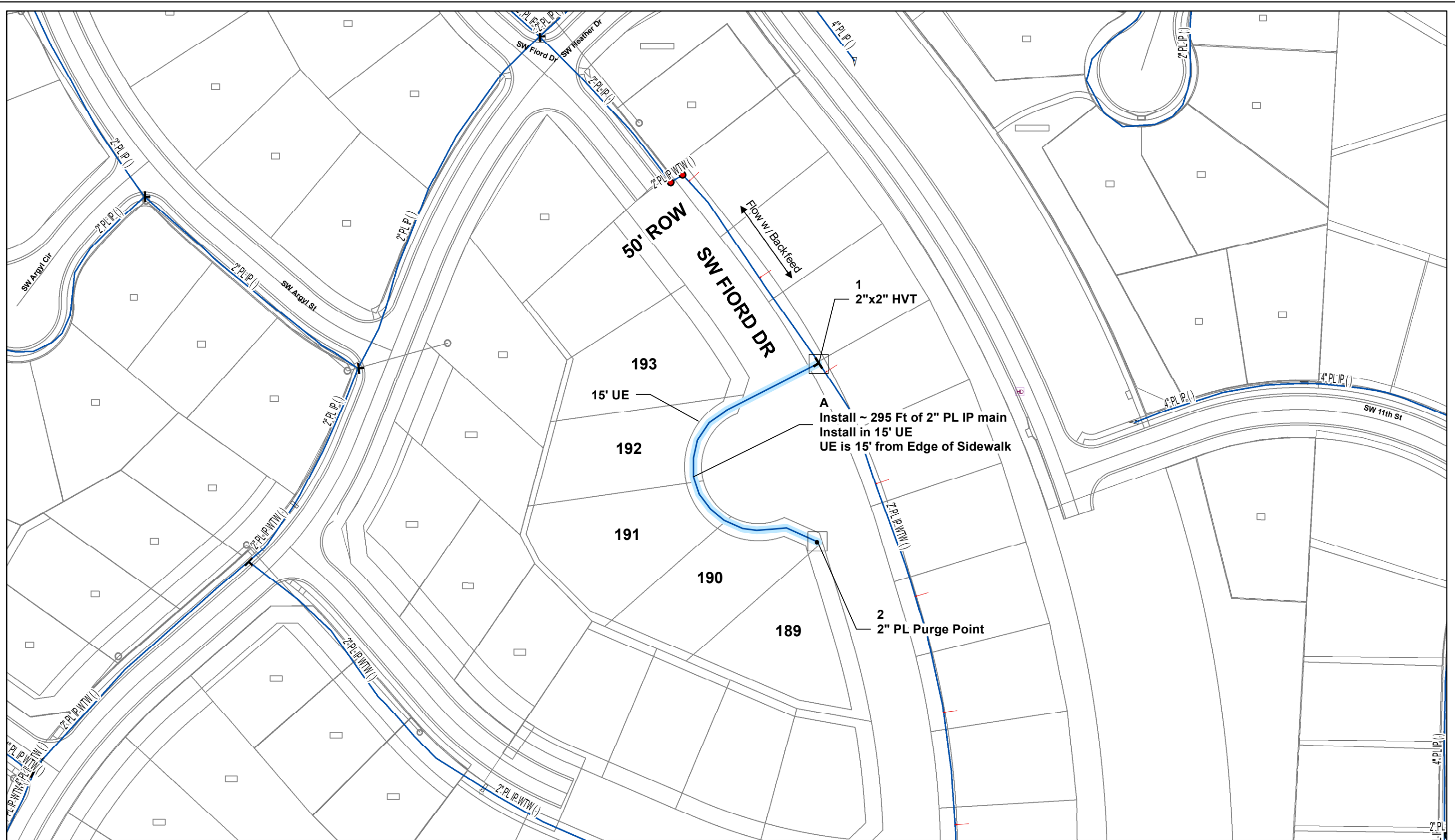
- THERE ARE NO PIPELINE SAFETY AND COMPLIANCE CONCERNS FOR THIS WORK ORDER

1. INSTALL AND ABANDON STEEL AND PLASTIC MAIN AND SERVICES PER SPIRE OPM STANDARDS.
2. SEE STD. 200.0 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. 0.
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@ (314-658-5497 OR 314-349-2933)
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.

Main & Service		Gas Valve		Take Point		Electronic Marker		End Cap		Vertical Ell		Street Car Tracks	
—	Existing	⊗	Ball	⊙	Drip	△	Service Tee		Flange	•	Bend	RCP Reinforced Concrete Pipe
—	Install	⊗	Butterfly	⊙	Test Station	×	Stopper / Bottom Outlet		Insulated Flange	—	Exposed Pipe	CMP Corrugated Metal Pipe
—	Proposed	⊗	Gate	⊙	Regulator Station	×	Coupling	+	Cross	▽	Rectifier	■	Contamination
----	Abandon	⊗	Plug	⊙	Meter Setting	×	Insulated Coupling	▷	Reducer	—	Rectifier Cable	●	DNR Tanks
—	Gas Pipe Casing	⊙	Blow Down	⊙	Marker Post	×	Trace Wire Box	⊥	Tee	—	SteamLines	◆	DNR Remediation

Check for
Work Order Authorization

Designer :	Revision Date(s):
BKW	
Original Date:	
2-21-23	



Job Description: Highland Meadows 5th & 6th - MEXTE Addition

Region: South

Sector: 0209

Maximo Work Order: 26194273

TownCode: 0901

Project #: 805702



PRESSURE TEST OF GAS MAINS
(One Test Per Sheet)

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: _____

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: _____

Tie-in Number _____

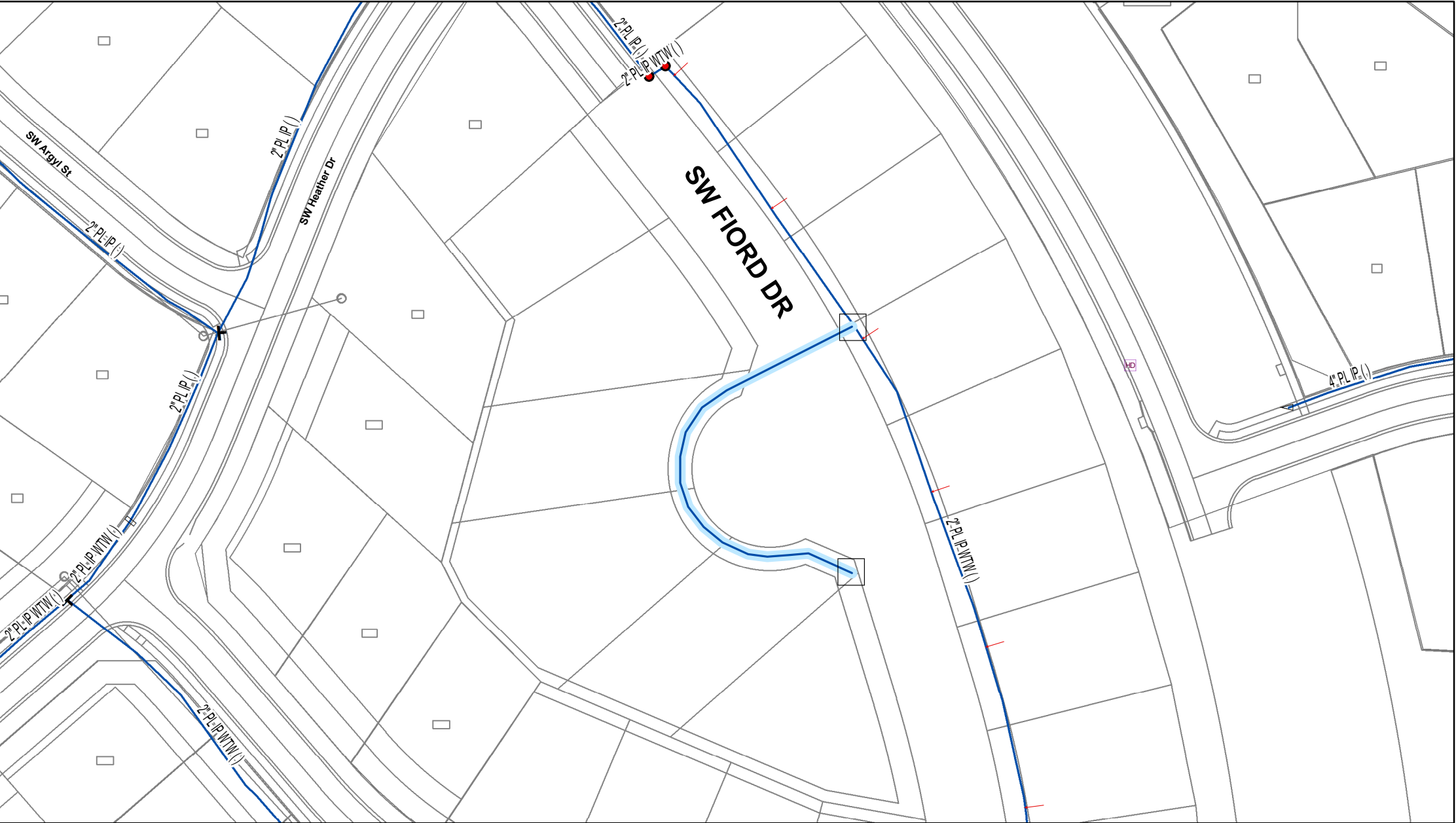
Soap Test ☐ Yes ☐ No

Date: _____

Time: _____

System Gauge Pressure: _____

Signature: _____



Pipe Size: _____ Length (ft): _____

Pipe Size: _____ Length (ft): _____

Pipe Size: _____ Length (ft): _____

Pressure System: TF \ SF \ FP \ HP \ IP \ MP \ LP

Test Medium: Water \ Air \ Gas Other: _____

Gauge Type: Recording Indicating Dead Weight

Gauge I.D. : _____ _____ _____

Calib. 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 collection.

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

SEE STD #200.0 FOR PRESSURE TESTING OF MAIN REQUIREMENTS.

FOR ANY QUESTIONS REGARDING THE STANDARD, PLEASE CONTACT PIPELINE SAFTEY AND COMPLIANCE AT 314-341-0537 OR 816-266-3033.

Conducted By:

Signature: _____ Date: _____

Printed Name: _____

Page : _____ Of: _____

Comments: _____