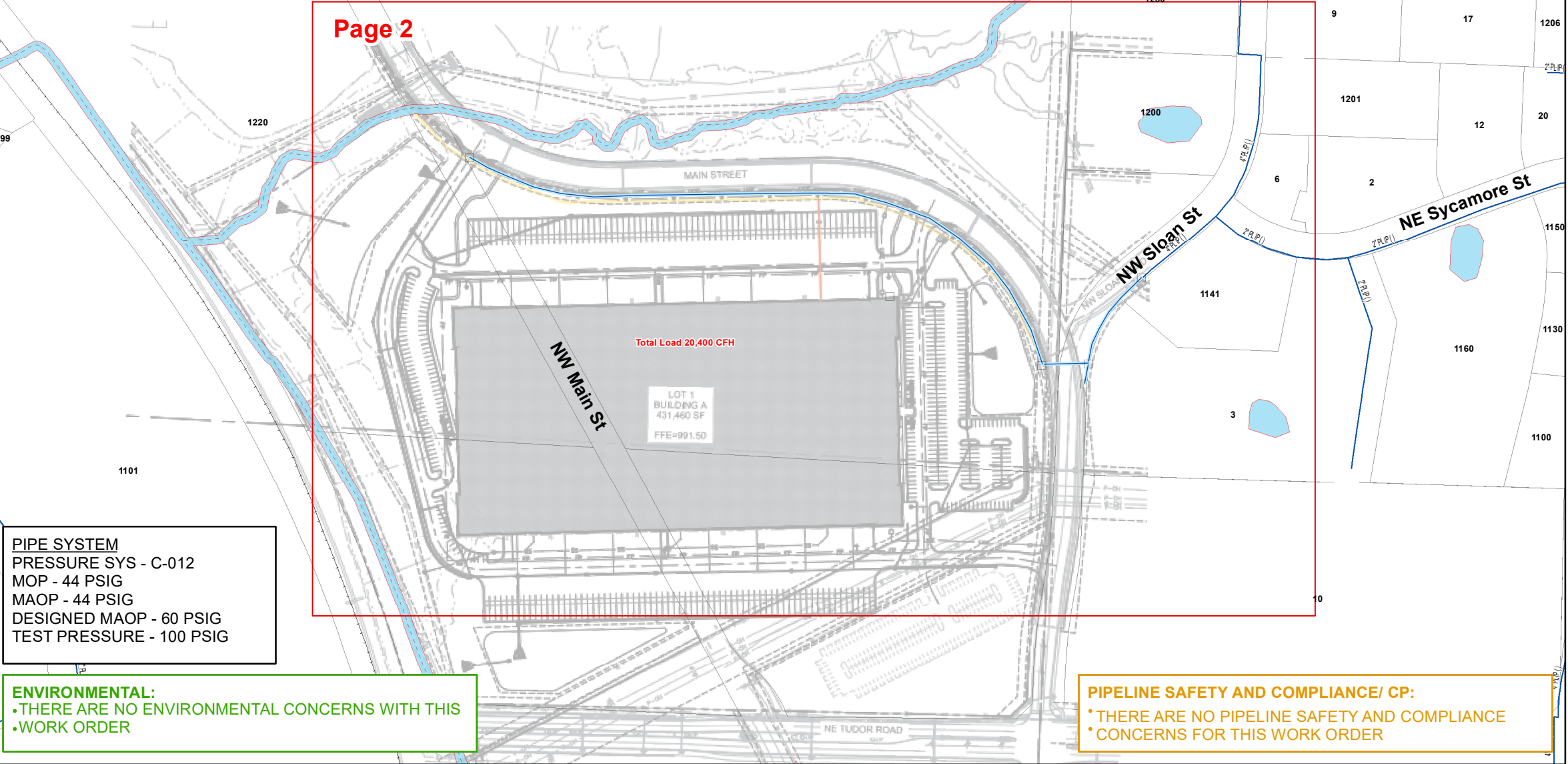




SYSTEM PLANNING:
• FLOW ARROWS REFLECT GAS FEED PRIOR TO THIS WO
GAS CONTROL
• THERE ARE NO SYSTEM CONTROL CONCERNS WITH THIS WO

CONSTRUCTION ENGINEERING:
• THERE ARE NO CONSTRUCTION ENGINEERING
• CONCERNS FOR THIS WORK ORDER

1. INSTALL STEEL MAIN PER STD. 2310, 2320, AND 2350.
2. INSTALL PLASTIC MAIN PER STD. 2310 AND 2350.
3. FOR INCREASES IN MAXIMUM OPERATING PRESSURE SEE UPRATING SOP
4. SEE STD. 2310.3 FOR TRACE WIRE AND TEST STATION INFORMATION.
5. CONTRACTOR OR INTERNAL FOREMAN TO CHECK CATHODIC PROTECTION OF ALL EXISTING CATHODICALLY PROTECTED FACILITIES EXPOSED AND DIRECT STEPS NECESSARY TO MAINTAIN PROPER ISOLATION AND CATHODIC PROTECTION AS REQUIRED.
6. INSTALL ANODES AND/OR TEST STATIONS PER STD. 3680 PER INSTRUCTIONS FROM CORROSION PROTECTION INSPECTOR.
7. CREATE A PIPE OBSERVATION IN MAXIMO TO DOCUMENT EXPOSED PIPE CONDITIONS PER STD. 3610.5.4.
8. FOR UTILITY LOCATES, CALL ONE-CALL SYSTEM "811" OR (1-800-344-7483), AREA CATV AND ALL OTHER AFFECTED UTILITIES.
9. CONTACT ROW TO SECURE NECESSARY EASEMENTS AND FOR ANY SURVEY WORK @ 314-658-5497 OR 314-349-2933.
10. SQUEEZE-OFF PROCEDURE - STD. 2510.
11. SHUTDOWN PROCEDURE - STD. 10000. CONTACT SYSTEM CONTROL AT 314-658-5486
12. CONDUCT INITIAL CATHODIC PROTECTION SURVEY FOR NEW STEEL INSTALLATION PER STD. 3610
13. RADIOGRAPH PER STD.W 100.4
14. PRESSURE TEST PER STD. 2410 DOCUMENT ON PRESSURE TEST PAGE.
15. ABANDON GAS MAIN PER STD. 2620.
16. INSERT PLASTIC MAIN PER STD. 2320.
17. ANY QUESTIONS CONCERNING CONVERSION OF EXISTING MAINS CONTACT PIPELINE SAFETY AND COMPLIANCE @ 314-349-2932.
18. 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.
19. ALL PLASTIC MAIN TO BE TERMINATED PER STD 2310.2.4.
20. INSTALL EFV OR MANUAL SHUT-OFF VALVE PER STD 2385



PIPE SYSTEM
PRESSURE SYS - C-012
MOP - 44 PSIG
MAOP - 44 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

Main & Service

- Existing
- Install
- Proposed
- Abandon
- Gas Pipe Casing

Gas Valve

- Ball
- Butterfly
- Gate
- Plug
- Blow Down



Take Point



Drip



Test Station



Regulator Station



Meter Setting



Marker Post



Electronic Marker



Service Tee



Stopper / Bottom Outlet



Coupling



Insulated Coupling



Trace Wire Box

End Cap

Flange

Insulated Flange

Cross

Reducer

Tee

Vertical Ell

Bend

Exposed Pipe

Rectifier

Rectifier Cable

SteamLines

Street Car Tracks

RCP Reinforced Concrete Pipe

CMP Corrugated Metal Pipe

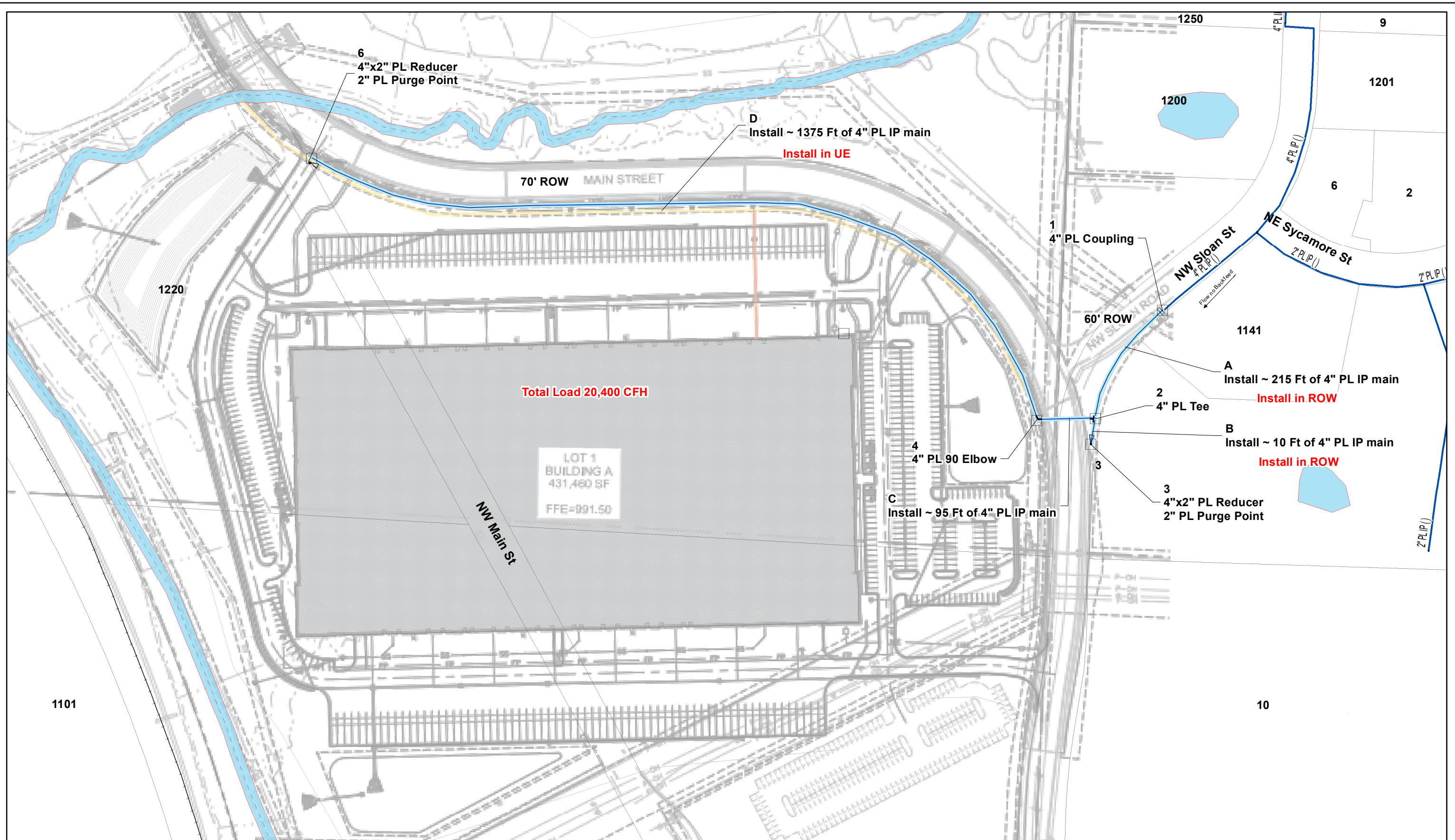
Contamination

DNR Tanks

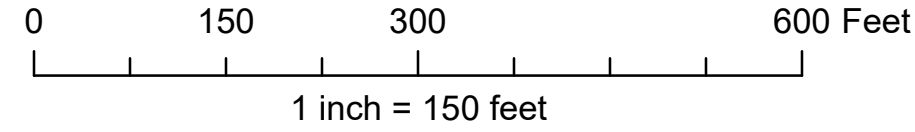
DNR Remediation

Check for
Work Order Authorization

| Designer : | Revision Date(s): |
|----------------|-------------------|
| BKW | |
| Original Date: | |
| 5-2-22 | |



**Job Description: Lee's Summit Commerce Center
- MEXTE - LS**



**Maximo Work Order: 24063914
Project #: 805036**



Job Description: Lee's Summit Commerce Center - MEXTE - LS

Region: South

Sector: 1202

Maximo Work Order: 24063914

TownCode: 0901

Project #: 805036



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 _____

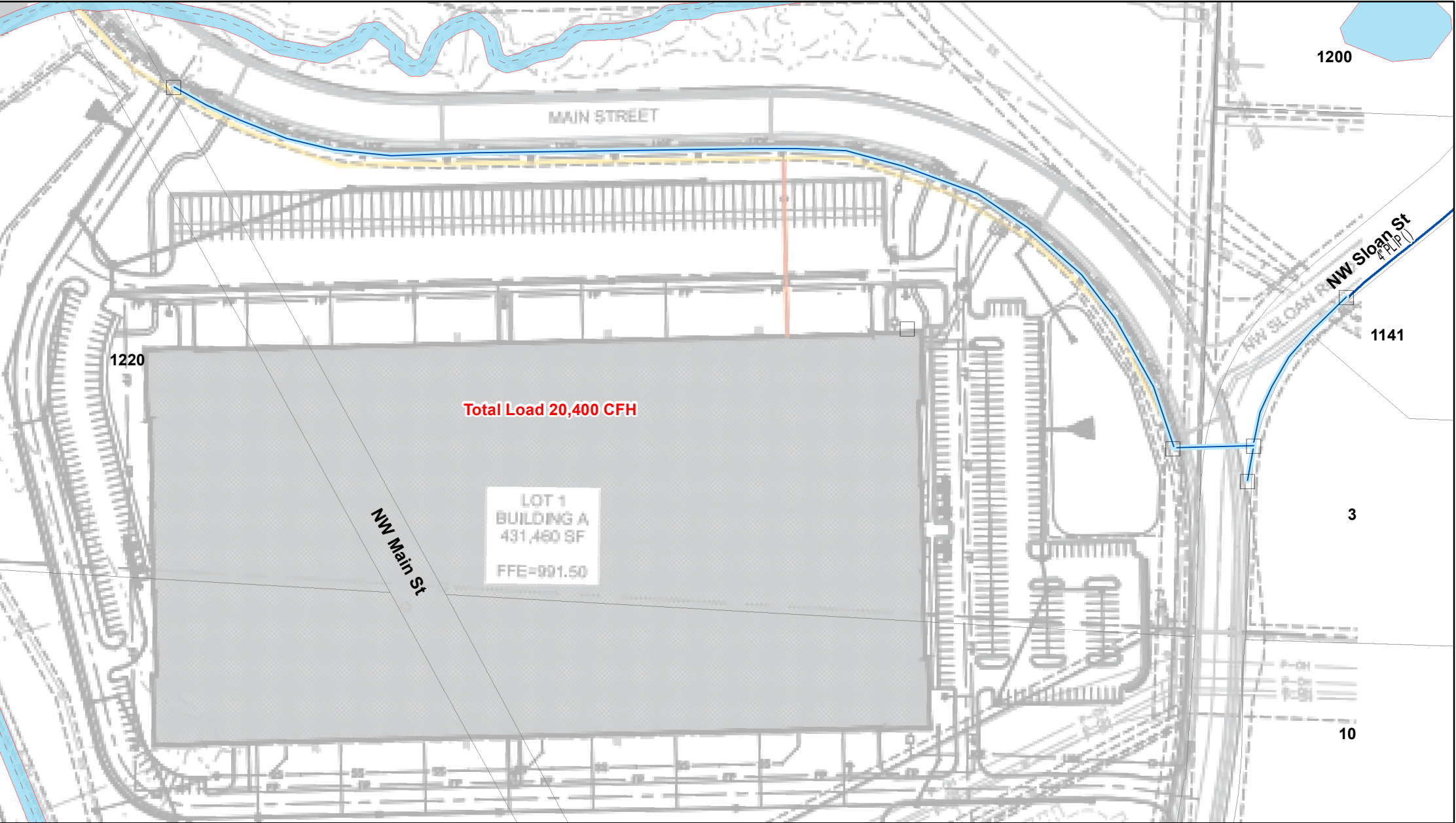
Soap Test ☐ Yes ☐ No

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#2410 FOR PRESSURE TESTING.
SEE STD #3265 FOR LEAK SURVEY.
FOR ANY QUESTIONS REGARDING THE STANDARDS, PLEASE CONTACT PIPELINE SAFETY AND COMPLIANCE AT 314-349-2932 OR 314-354-6533

Conducted By:

Signature: _____

Date: _____

Printed Name: _____

Comments: _____