

CLAYTON CT - FRASER

TRAFFIC CONTROL PLAN - Needed at entry

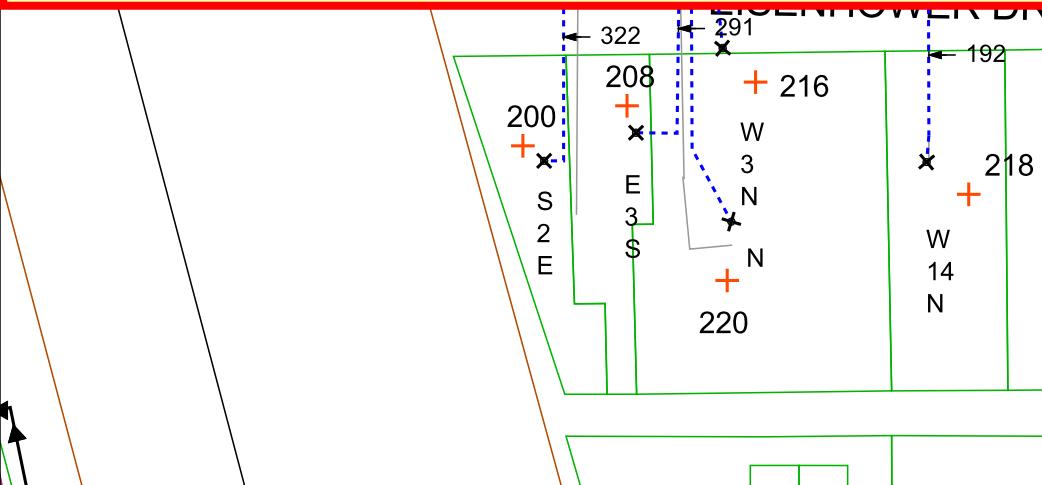
PERMIT - Not Needed (Fraser)

RESTO - Needed (asphalt)

DEMO EXISTING MAIN / INSTALL NEW GAS MAIN:

- Abandon approx 457' of PE and SW main.
- Demo 5 services and ATTO 4 with 3/4" HDPE and 775 EFV
- Install 700' of 4" HDPE
- 633' of Marking tape and tracer wire
- 633' Trench; 95% Modified Compaction
- (1) 2 x 1-1/4" steel reducer
- (1) 2x 4" Reducer
- (1) 4" 90' Elbow
- (1) 2 x 4 HDPE Reducer
- #17lb Anode
- (5) Yellow carcenet markers
- (9) Potholes, Aquavac 3 days; Inspector 10 days
- Xcel to Backfill: 36" min and fill with (Class 6) 3/4 Select Fill
- STAGING: Xcel will require a staging area for pipe and roadbase.
- Purge and Air Test per Table 10.1.2
- Perform Tie-in procedure per GSM, Section 11

*** Note: Any changes to design require prior approval from design



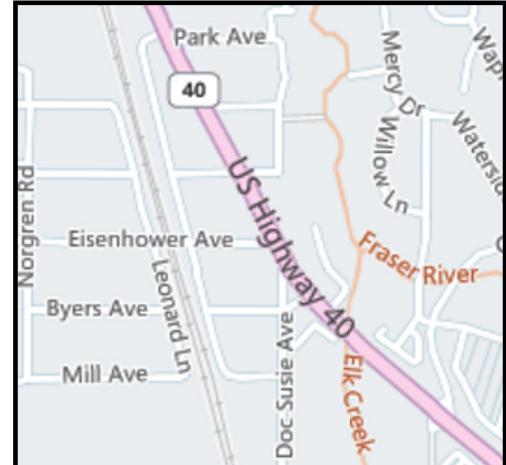
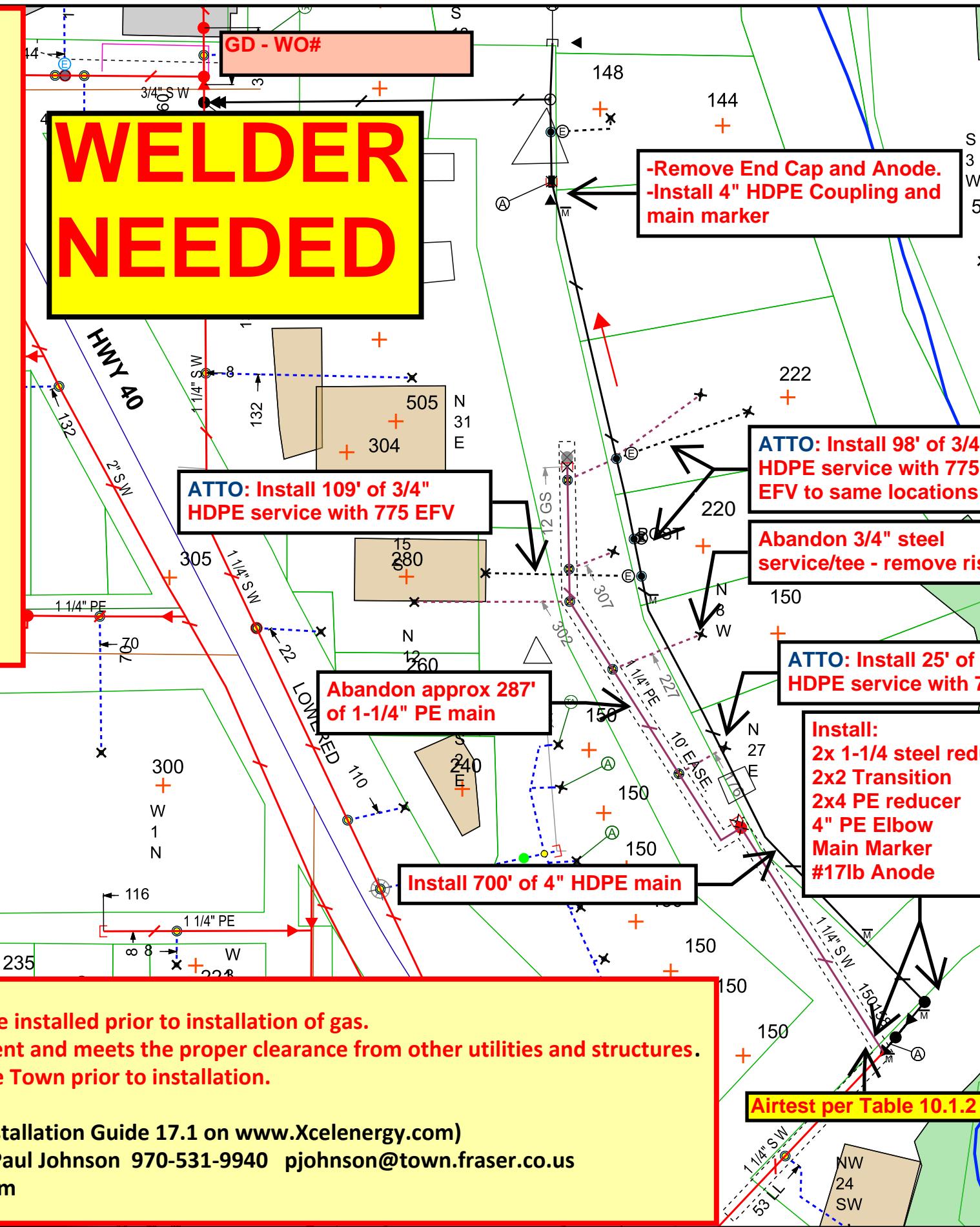
Customer Responsibility on Site:

- Site must be within +/- 6" of final grade and all deep utilities must be installed prior to installation of gas.
- Customer must stake new running line to ensure it is within easement and meets the proper clearance from other utilities and structures.
- Easements must be recorded and Use Agreement executed with the Town prior to installation.
- Refer to gas contingency for complete list of responsibilities

(Additional Requirements can be found in the Standard for Meter Installation Guide 17.1 on www.Xcelenergy.com)

CONTACT: Greg Steed 970-819-1783 greg.steed@merrick.com Paul Johnson 970-531-9940 pjohnson@town.fraser.co.us

DESIGNER: Julie Gittins 970-409-7613 Julie.K.Gittins@xcelenergy.com



Customer Signature:

Date:

Work Order Information

Service Request # : 000015191893
Design Number : 1221394
Designer/Planner ID : 233959
Designer/Planner Name : Julie Gittins
Designer/Planner Ph # : 970-409-7613
Manager Approval :

Joint Utility

E: G: XCEL
C:

Design Location

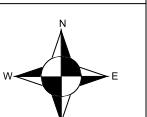
County : MOUNTAIN REGION
City : GRAND
Address : FRASER
T: 1S R: 75W S: 19
Map # : 1911222 03 Permit : GRAND

Electric

Feeder: Voltage:
Phase: Bkup Dev ID:

Gas

System : RF1 Pressure : 26 - 66 PSIG
Size : 4" Material : PE
Dead End :
Work Order # :
Date: 11/07/2025
Sketch: #1 Of #3 Sketch Data
Scale: 1" equals 79'



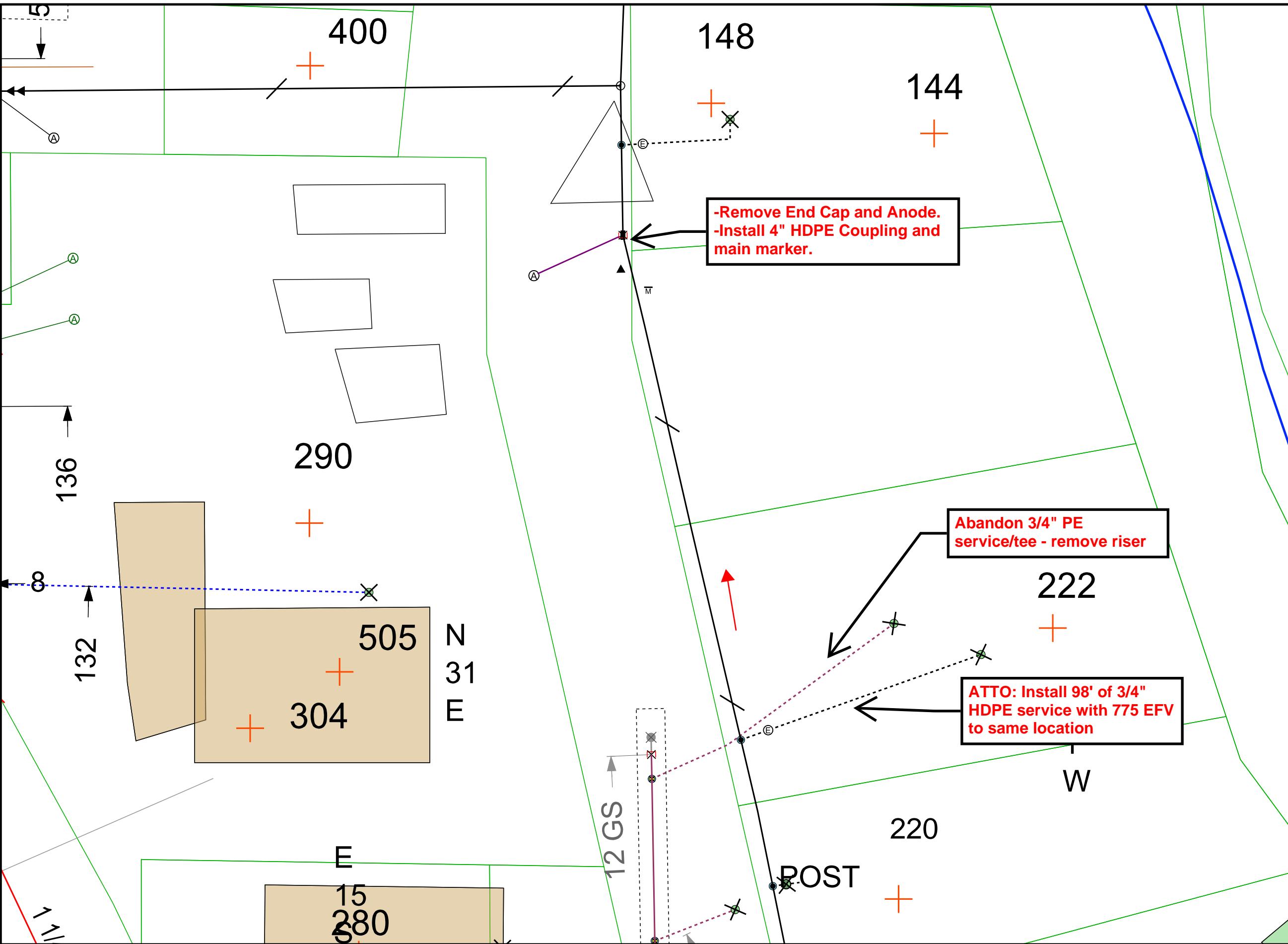
Xcel Energy®

CONSTRUCTION USE ONLY

- NO CHANGES (BUILT AS DESIGNED)
- CHANGES MADE AS INDICATED
(ALL URD MUST HAVE ACTUAL MEASUREMENTS FROM THE FIELD SITE)

RFO _____
FOREMAN _____ DATE _____
TEAM LEADER _____

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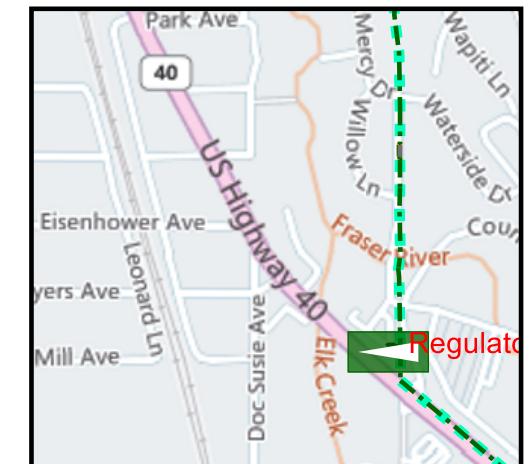
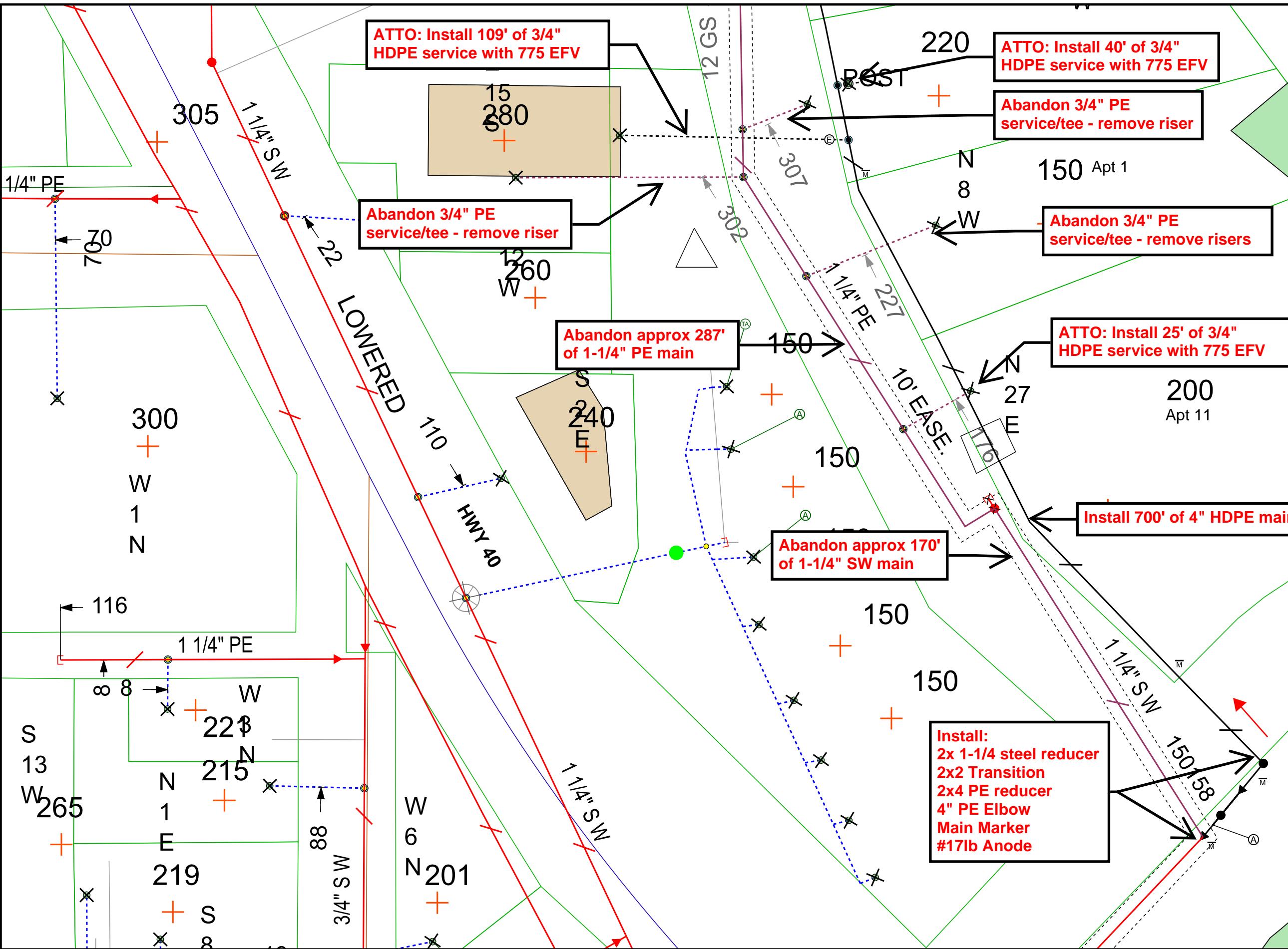
Customer Signature: _____

Date: _____

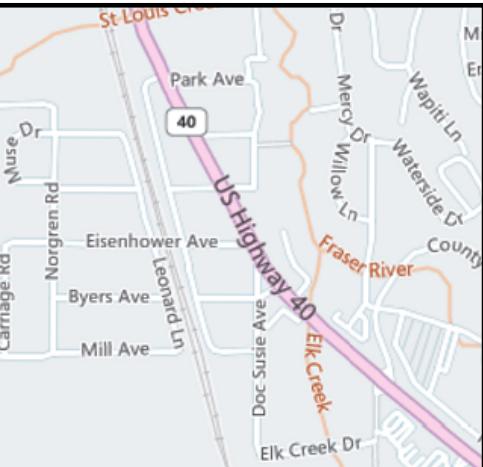
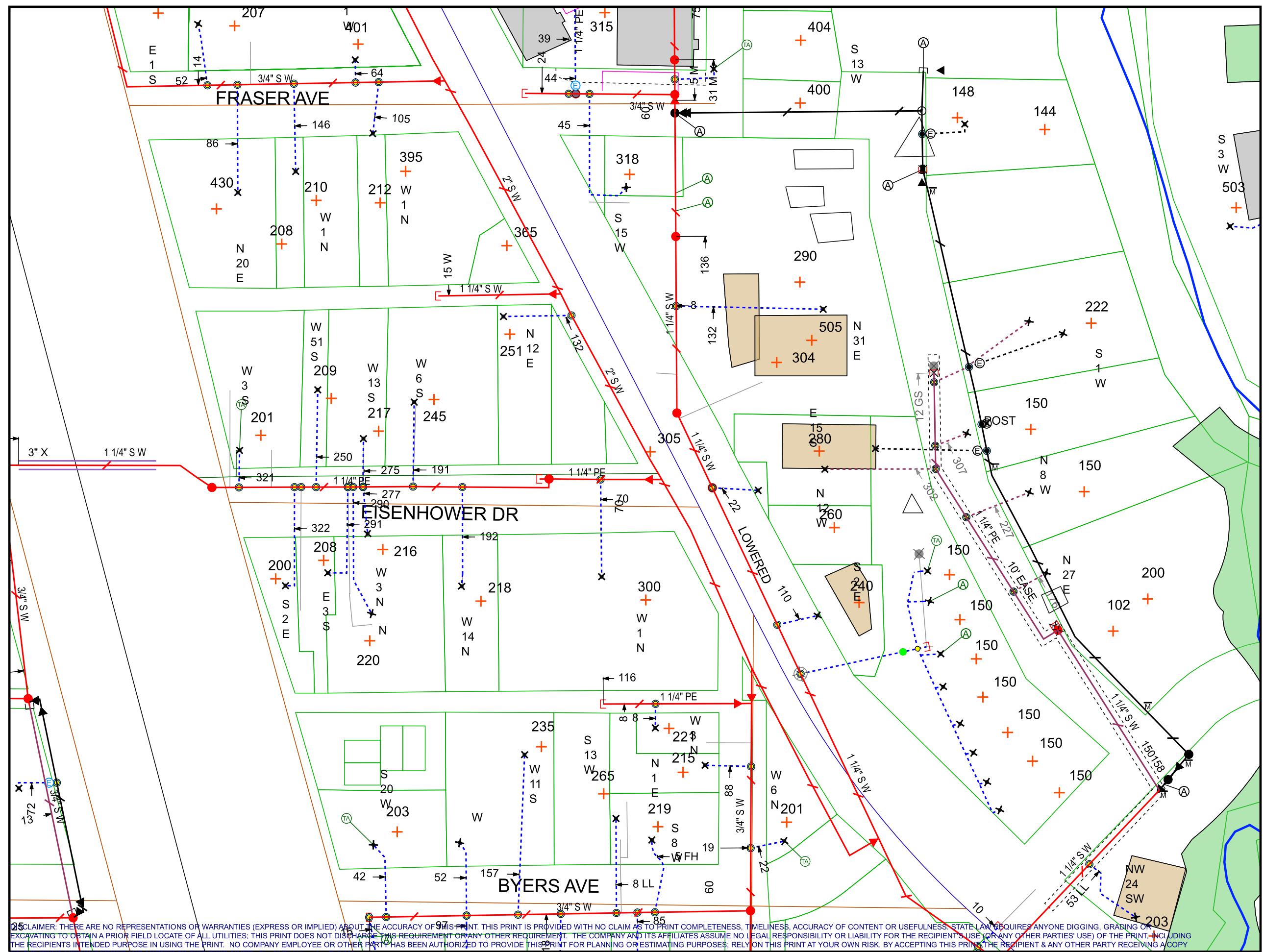
Work Order Information			
Service Request #	000015191893		
Design Number	1221394		
Designer/Planner ID	233959		
Designer/Planner Name	Julie Gittins		
Designer/Planner Ph #	970-409-7613		
Manager Approval	_____		
Joint Utility			
E:	G: XCEL		
T:	C:		
Design Location			
Division	MOUNTAIN REGION		
County	GRAND		
City	FRASER		
Address	CLAYTON CT		
T: 1S	R: 75W	S: 19	
Map #	1911222 03	Permit	GRAND
Electric			
Feeder:	Voltage:		
Phase:	Bkup Dev ID:		
Gas			
System	RF1	Pressure	26 - 66 PSIG
Size	4"	Material	PE
Dead End	_____		
Work Order #	_____		
Date: 11/07/2025	_____		
Sketch: #2 Of #3 Sketch Data		Scale: 1" equals 33'	
			

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RFO _____
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 TEAM LEADER _____



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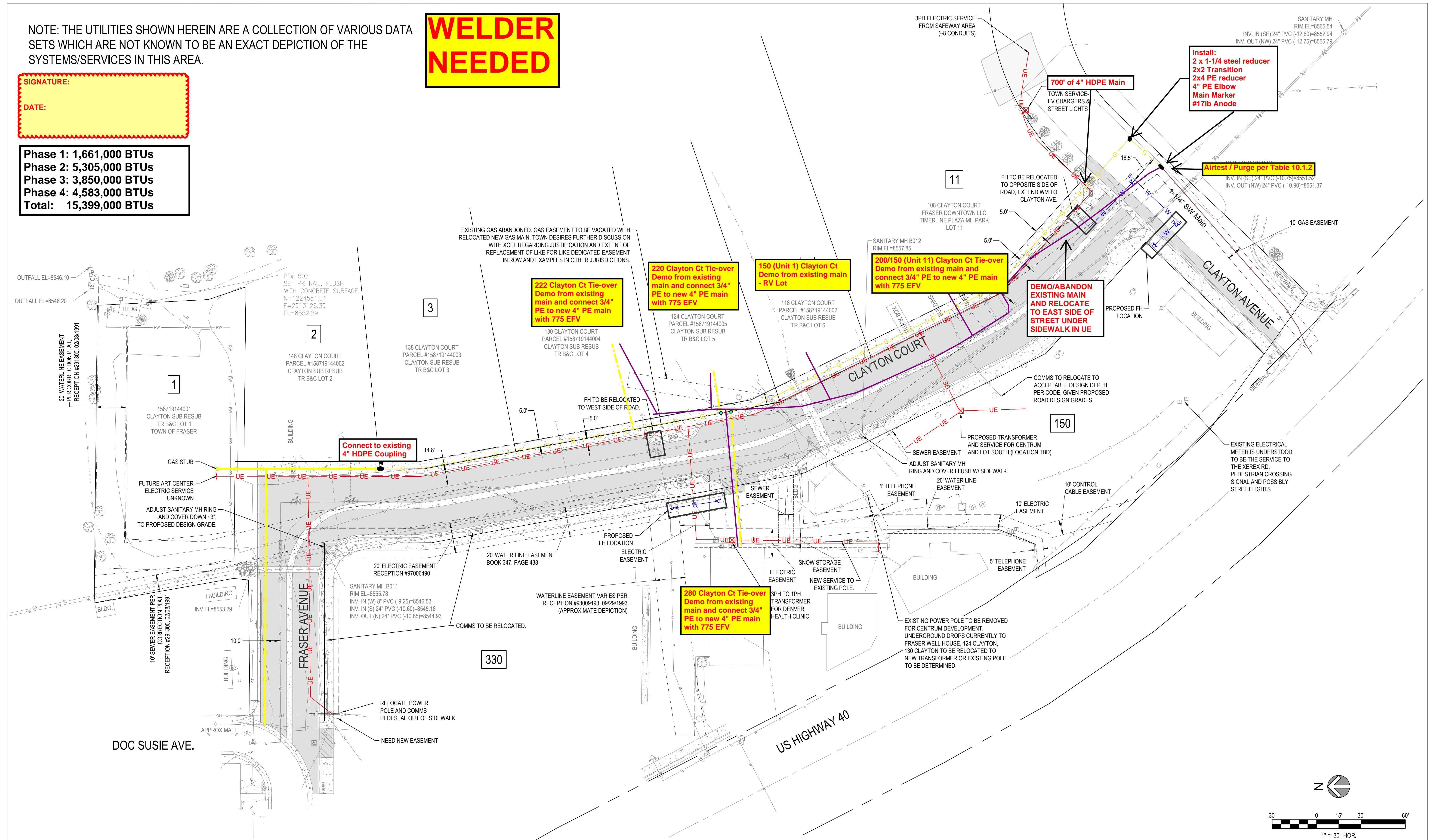


NOTE: THE UTILITIES SHOWN HEREIN ARE A COLLECTION OF VARIOUS DATA SETS WHICH ARE NOT KNOWN TO BE AN EXACT DEPICTION OF THE SYSTEMS/SERVICES IN THIS AREA.

WELDER NEEDED

SIGNATURE: _____
DATE: _____

Phase 1: 1,661,000 BTUs
Phase 2: 5,305,000 BTUs
Phase 3: 3,850,000 BTUs
Phase 4: 4,583,000 BTUs
Total: 15,399,000 BTUs



SCALE BAR
BAR IS ONE INCH
ON ORIGINAL
DRAWING
0 1
IF NOT ONE INCH ON
THIS DRAWING
ADJUST SCALES
ACCORDINGLY

CALL BEFORE YOU DIG
811
Know what's below.
Call before you dig.

OWNER/CLIENT

PE STAMP
DESIGNED BY: GHS
DRAWN BY: DRS
CHECKED BY: ---
APPROVED BY: GHS
FOR AND ON BEHALF OF MERRICK AND COMPANY

MERRICK
2480 W. 26TH AVENUE, UNIT B225, DENVER, COLORADO, 80211
TEL. 303-964-3333
www.merrick.com

CLAYTON COURT
TOWN OF FRASER, COLORADO
PROPOSED UTILITY RELOCATION PLAN

PROJECT NUMBER 100579
DATE JUNE 2025
SHEET
DRAWING NO. OF 24

Xcel Energy Gas Main Project Form

**Construction
Completed
Date**

- As-built
- As-Gassed

System Number

W
er

TO#

Street Name

Cross Street

Cit

Map #

City

Map #

State

Was New Pipe Installed?		Pipe Size	Material Type	PE Pipe Manufacturer	System Pressure		
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> PE Yellow <input type="radio"/> PE Black	<input type="radio"/> Steel <input type="radio"/> Other	<input type="radio"/> Duraline / PolyPipe <input type="radio"/> Other	<input type="radio"/> Performance Pipe / Drisco Plex	North <input type="radio"/> Trans <input type="radio"/> HP (Dist Only) <input type="radio"/> IP <input type="radio"/> 60 pounds <input type="radio"/> Medium <input type="radio"/> Low	
Steel Pipe Specifications		<input type="radio"/> N/A	Coating Material			South <input type="radio"/> Trans <input type="radio"/> HP (Dist Only) <input type="radio"/> IP <input type="radio"/> Pounds Medium <input type="radio"/> Pounds Low <input type="radio"/> Inches	
Wall thickness	<input type="radio"/> FBE <input type="radio"/> Wrapped <input type="radio"/> N/A	<input type="radio"/> ARO <input type="radio"/> Bare <input type="radio"/> Other					
Pipe Grade	<input type="radio"/> N/A						
If Other Grade	<input type="radio"/> Other						
Weld Procedure							
Install Method		Tracer/Locate Wire Connectivity Checked?			Joint Trench Position Crossing Type		
<input type="radio"/> Directional Bore <input type="radio"/> Trench	<input type="radio"/> Pneumatic Bore <input type="radio"/> Inserting	<input type="radio"/> Plow <input type="radio"/> Above Ground	<input type="radio"/> Other <input type="radio"/> Backhoe	If steel installation, check N/A			
Yes <input type="radio"/>	N/A <input type="radio"/>				Pipe Depth	<input type="radio"/> Above Ground Feet <input type="radio"/> Not Excavated	
Feet	Inches				Soil Type	<input type="radio"/> Rock <input type="radio"/> Gravel <input type="radio"/> Loam <input type="radio"/> Clay <input type="radio"/> Sand <input type="radio"/> Other	
Size	Material Type	Yellow MDPE: <input type="radio"/> PE (2708) <input type="radio"/> PE (2406) Black HDPE: <input type="radio"/> PE (4710) <input type="radio"/> PE (3408) Other PE: <input type="radio"/> PE (Aldyl A) <input type="radio"/> PE (2306) <input type="radio"/> PE (TR-418) <input type="radio"/> PE	PE Pipe Manufacturer	Lot #	<input type="radio"/> Unknown		
Depth	Metallic: <input type="radio"/> Steel <input type="radio"/> Cast Iron <input type="radio"/> Copper Other: <input type="radio"/> PVC <input type="radio"/> CAB <input type="radio"/> Unknown	<input type="radio"/> Century <input type="radio"/> Dupont <input type="radio"/> Duraline / PolyPipe <input type="radio"/> Dylon (Extron) <input type="radio"/> JM Eagle / US Poly <input type="radio"/> Uponor / Aldyl Co.	External	<input type="radio"/> Unknown			
Feet		<input type="radio"/> Dux	<input type="radio"/> Unknown				
Inches		<input type="radio"/> Century <input type="radio"/> Dupont <input type="radio"/> Duraline / PolyPipe <input type="radio"/> Dylon (Extron) <input type="radio"/> JM Eagle / US Poly <input type="radio"/> Uponor / Aldyl Co.	Internal	<input type="radio"/> Unknown			
Suspected Hydrocarbon Permeation		Yes <input type="radio"/> No <input type="radio"/> Hydrocarbons	Internal <input type="radio"/> External <input type="radio"/> N/A	Joint Coating	<input type="radio"/> Shrink Sleeves <input type="radio"/> Tape Coat <input type="radio"/> Field Applied Epoxy <input type="radio"/> Other	<input type="radio"/> N/A	
Steel Pipe Specifications		<input type="radio"/> N/A	Weld Procedure	Condition of Pipe	External <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Poor <input type="radio"/> Damaged <input type="radio"/> Not Accessible		
Wall thickness	Pipe Grade		If Other Pipe Grade	Internal <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Poor <input type="radio"/> Damaged <input type="radio"/> Not Accessible			
Condition of Pipe Coating		<input type="radio"/> Good <input type="radio"/> Poor <input type="radio"/> Damaged <input type="radio"/> Unbonded <input type="radio"/> No Coating <input type="radio"/> N/A					
Pipe Coating Material		<input type="radio"/> ARO <input type="radio"/> FBE <input type="radio"/> Galvanized <input type="radio"/> Coal Tar <input type="radio"/> Coated <input type="radio"/> Cold Wrapped <input type="radio"/> Hot Wrapped <input type="radio"/> Mill Wrapped <input type="radio"/> Tape <input type="radio"/> XTC <input type="radio"/> Wrapped <input type="radio"/> Bare <input type="radio"/> Unknown <input type="radio"/> N/A					
Corrosion Location		External Corrosion Description			Internal Corrosion Description		
<input type="radio"/> Both <input type="radio"/> External	<input type="radio"/> Internal <input type="radio"/> None	<input type="radio"/> N/A	<input type="radio"/> General <input type="radio"/> Graphitized	<input type="radio"/> Heavy Pitting <input type="radio"/> Heavy Rust Dust	<input type="radio"/> Light Rust Dust <input type="radio"/> Light Pitting	<input type="radio"/> None <input type="radio"/> N/A	
<input type="radio"/> Both <input type="radio"/> External	<input type="radio"/> Internal <input type="radio"/> None	<input type="radio"/> N/A	<input type="radio"/> General <input type="radio"/> Graphitized	<input type="radio"/> Heavy Pitting <input type="radio"/> Heavy Rust Dust	<input type="radio"/> Light Rust Dust <input type="radio"/> Light Pitting	<input type="radio"/> None <input type="radio"/> N/A	
CP Before Reading		+ <input type="radio"/> <input type="radio"/> . <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> N/A	CP After Reading		+ <input type="radio"/> <input type="radio"/> . <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> N/A	CP Area	<input type="radio"/> N/A
Description of Work Completed						Foreman ID & Sign	
						Foreman ID & Sign	
						Welder/Fuser ID & Sign	
						Welder/Fuser ID & Sign	
						Other	
						Supervisor Sign	



WO#

Gas Foreman Sketch

Contractor _____

Foreman _____

Inspector _____

Fuser/Welder _____

Drawn By _____

Test Information

Date On _____ Date Off _____

Time On _____ Time Off _____

Pressure On _____ Pressure Off _____

Tested With _____

Soap Test Final Tie-in? Y N

Sketch Requirements

- North Arrow
- North/South, East/West Dimensions on all Pipe and Fittings Installed Includes Butt Fuses
- Dimension to Fixed Objects (ie. Curb, Center Line, etc.)
- POIs & Spans Match Page 2
- Joint Trench Areas Illustrated on Sketch
- Show all Retired Main and Document if it was Removed or Abandon in Place
- Sign and Date
- If a Valve was Installed, Include Valve Form

Construction Use Only

Work Order Number _____

Sketch # _____ of # _____

Foreman _____

Date _____

Supervisor _____

Date _____

New Business District? Y N

Xcel Energy Gas Sewer Form

General Information

WO Number: _____

Cleared by Method: Open trench Maps & Records Expose Sewer
 Sonde Relative Elevation Post-Cam Televising

Street Address /
location Description: _____Was sewer located? Yes No

Pre-Cam Televising

(Install crew records
additional dimensions)

City, State: _____

If Located, was sewer exposed? Yes No

Premise #, If Known: _____

Related WO #: _____

Contact (first) Name: _____

Phone number: _____

Company: _____ Person Verifying: _____ ID: _____

Facility Separation (Required for all methods)

Gas Main Depth: _____

Sewer Depth: _____

Separation Depth: _____

Gas Service depth: _____

Sewer Depth: _____

Separation Depth: _____

Depths & Measurements (Televising Method)

A-Building: _____

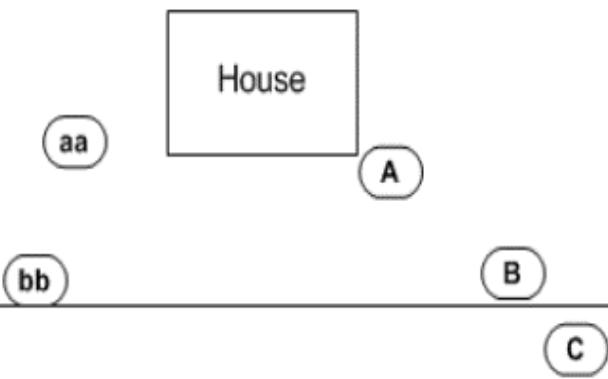
B-Curb: _____

C-Sewer Main: _____

Left to Right (Looking @ house from Street)

aa-Distance between corner of house & Sewer: _____

bb-Distance between corner of house & Sewer: _____



NOTE: Please reference the administrative instructions for how to complete the form, XEL-AI-Gas Sewer Form.

Sewer Clearing Remarks: _____

EXCAVATION CHECKLIST

Competent Person's Name (Please Print): _____

Date: _____ Job Location: _____



____ **Surface Encumbrances:** Trees, boulders, poles, etc., supported or protected

____ **Underground Facilities:** Located, protected and supported

____ **Access and Egress:** Means, such as ladders, ramps, etc., provided within 25 unobstructed feet of workers in 4 feet or deeper excavation.

____ **Exposure to Traffic:** Employees and excavation protected with barriers, barricades, warning vest, etc.

____ **Warning System:** Means used to keep equipment from coming too close to excavation.
Barriers _____ Signals _____ Watcher _____
Other _____

____ **Hazardous Atmosphere:** Tested when suspected lack of oxygen or hazardous contaminants.
Protective measures: Ventilation _____ Respirator _____ Air Supplied Breathing Apparatuses _____
Other _____

____ **Emergency Rescue Equipment:** Equipment present and attended when working in hazardous atmosphere.
Breathing Apparatus _____ Safety Harness & Line _____ Fire Extinguisher _____
Other Equipment _____

____ **Protection from Water Hazards:** Steps taken to remove or divert water.

____ **Stability of Adjacent Structures:** Assured adjacent structures, such as foundations, retaining walls, sidewalks, etc., will not be damaged or cave into excavation. Consult engineering for assistance.

____ **Protection of Loose Rocks or Soil:** Excavation scaled, supported or barricaded to prevent soil or rocks from falling off excavation face.

____ **Spoil Retained or Kept Back:** Spoil and equipment retained or kept back 2 feet from edge of excavation.

____ **Excavation Inspected:** Periodic inspections made to ensure proper protection is continually provided.

____ **Fall Protection:** Excavation barricaded or protected to prevent persons from falling into it.

SOIL TYPE DETERMINED: See "Soil Classification Guide" on other side for assistance.

Stable Rock: _____ Visual Test: _____

Manual Test: _____

Soil Type A: _____ Visual Test: _____

Manual Test: _____

Soil Type B: _____ Visual Test: _____

Manual Test: _____

Soil Type C: _____ Visual Test: _____

Manual Test: _____

Type of Protective System: Sloping: _____ Angle of Slope: _____

Shoring: _____ Type: _____

Trench Shield: _____

SOIL CLASSIFICATION GUIDE

Stable Rock means natural solid mineral matter that can be excavated with vertical sided and remains intact while exposed.

Visual Test: Excavation faces in stable rock will be smooth and not have any loose rocks that could fall or be knocked from the face of the excavation.

Manual Test: Excavated material will be extremely hard and cannot be broken up by hand.

Soil Type A are cohesive soils that are stable

Visual Test: Solid with no cracks. When excavated the soil has a claylike appearance and does not crumble; it stays in large, solid clumps. It will probably be moist and does not readily sluff off into the excavation.

Manual Test: The soil cannot be crumbled by hand and can be indented by the thumb, but is extremely difficult to penetrate. The soil will be hard to dig and usually has a high clay content.

Examples: Clay, silty clay, clay loam, sandy clay loam.

Soil Type B are cohesive soils similar to those listed in Soil Type A, but are unstable.

Visual Test: The excavated material will be a mixture of clumps and sandy soils. When excavated the soil will fall into the excavation in clumps or will crack and cave-in in large sections. Cracks and fissures will be evident in the face and along the sides of the excavation. Soils where layers gradually dip into the excavation can be soil type B, as long as all layers are considered soil type B.

Manual Test: The soil will crumble with considerable pressure and cannot be formed or shaped. It will be difficult to penetrate with the thumb, but can be done.

Examples: Angular gravel, silt, sandy loam, silty clay loam, and sandy clay loam.

Soil Type C are very unstable soils such as sand, gravel, granular soils, that are submerged or where water is flowing freely.

Visual Test: The soil will appear to "run" or "flow" back into the excavation when excavated. The sides of the excavation are unstable and crumble easily. Soil type C digs very easily, but shifts and tends to fill the excavation back in. Soils where layers dip sharply into the excavation are considered soil type C.

Manual Test: Soil type C can be formed with light pressure, or will not hold form at all. Soils will crumble very easily.

Examples: Sand, gravel, granular soils, previously disturbed soils, and soils that are submerged or where water is flowing freely.