

ADDENDUM NO. 1
November 11, 2025

PROJECT: BITTER CREEK WSC
NEW WATER WELL

BID DATE: NOVEMBER 19, 2025

The following changes and/or additions shall be made to the Plans, Specifications, and Contract Documents for the above referenced project. Bidder shall acknowledge receipt of this Addendum by signing below and returning this Addendum with the Bid.

1) GENERAL

- a) Clearing for electric service – contractor shall clear a 30 foot wide path for the Oncor electric service to the proposed well site. The proposed electric alignment is shown on the attached aerial map. Final electric alignment will be determined during construction.
 - i) Clearing for the proposed electric service shall include cutting down of existing trees and brush to surface level or below and disposal of all debris. Total length of the 30 foot wide alignment is approximately 850 feet.
 - ii) The cost of this additional clearing shall be included in the “New Water Well” bid item.
- b) Weekend work on Saturday and Sunday shall be permitted.
- c) There is an existing 2” flush valve located inside of the storage tank site fencing that is available for water used during construction.
- d) SDR-17 PVC Certalok casing pipe is an acceptable substitute for casing pipe.

2) PLANS

- a) The attached plan sheet 4 shall replace the existing plan sheet 4.
 - i) The PVC screen casing has been extended from 20 feet to a total of 60 feet.
 - ii) The proposed well will be gravel packed from the top of the 60 foot screened casing down to the bottom of the hole.
 - iii) The bentonite plug will be installed at the top of the screened casing and then the well will be cemented from the bentonite plug to the surface.

3) SPECIFICATIONS

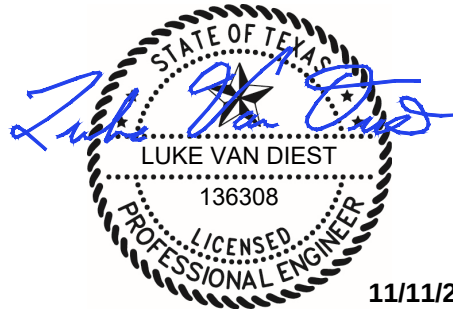
- a) Specification 31-12-01
 - i) Section 3.1, E shall be replaced with the following:
Gravel Packing: Upon installation of the 8" well casing and casing screen, the CONTRACTOR shall furnish and install gravel packing for the well. Gravel packing shall be 3/8" to 1/2" washed Vealmoor gravel. The gravel shall be installed at a rate which will insure the voids between the casing and drilled hole are fully filled and in such a manner to prevent bridging of the gravel pack material. Gravel packing material shall be disinfected with a 50 mg/l chlorine solution as it is added to the well.
 - ii) Section 3.1, G , paragraph 1 shall be replaced with the following:
Cementing Casing: Under the Base Bid, upon drilling the 12 inch hole, setting the well casing and installing the gravel pack, the CONTRACTOR shall cement grout the casing from ground surface to depth of approximately 217 feet below the ground surface as shown on the Plans.

Bidder's Acknowledgment

Date

Prepared by:

JACOB | MARTIN
TBPE Firm No. 2448



11/11/2025

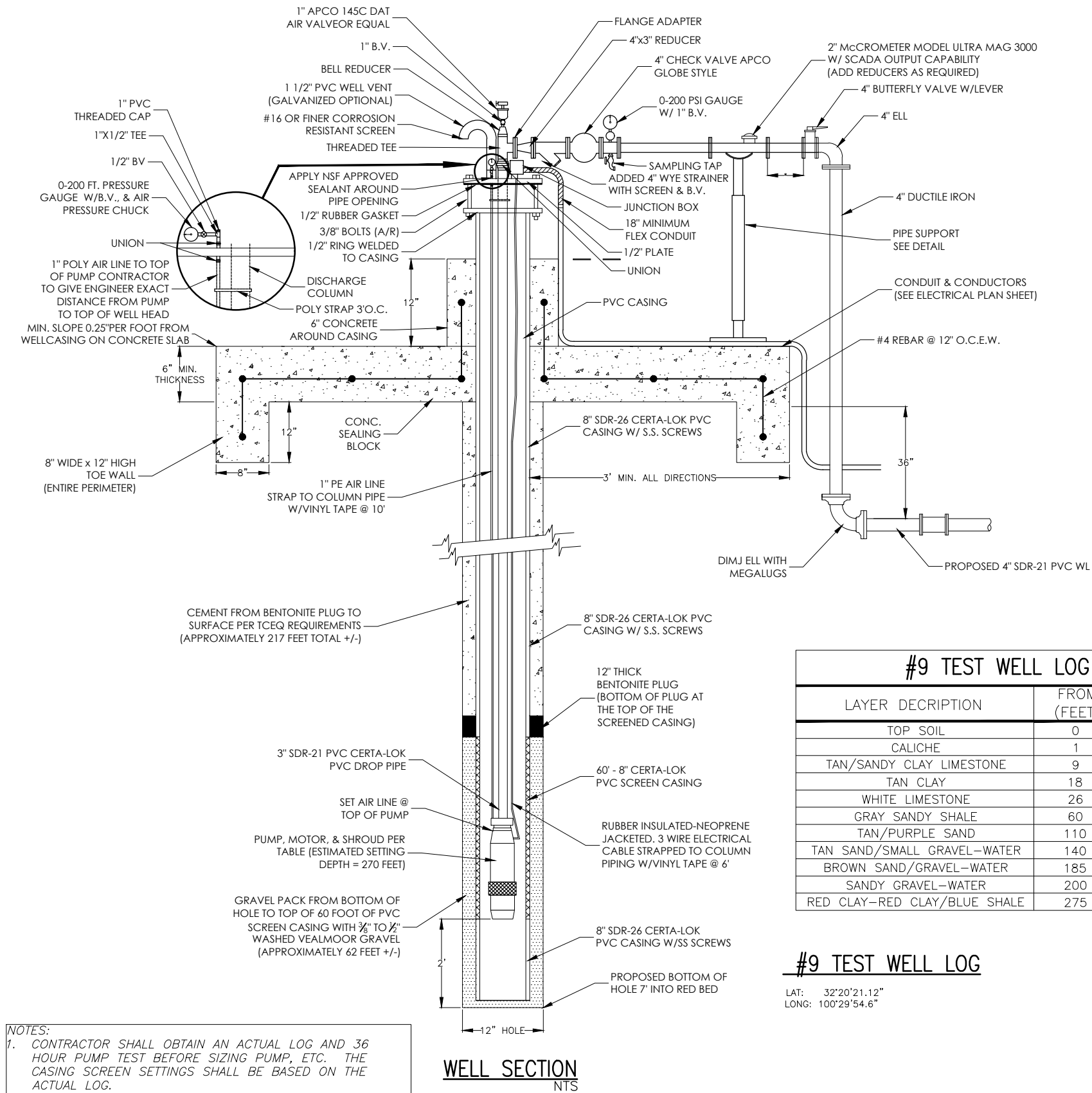
Electric Service

Clearing Alignment

Proposed Well



X:\WS_Bitter_Creek_WSC\22322-Bitter Creek Water Well Additions\Drafting\Plans\Civil\Sheet 04 Well Details.dwg



WELL SECTION
NTS

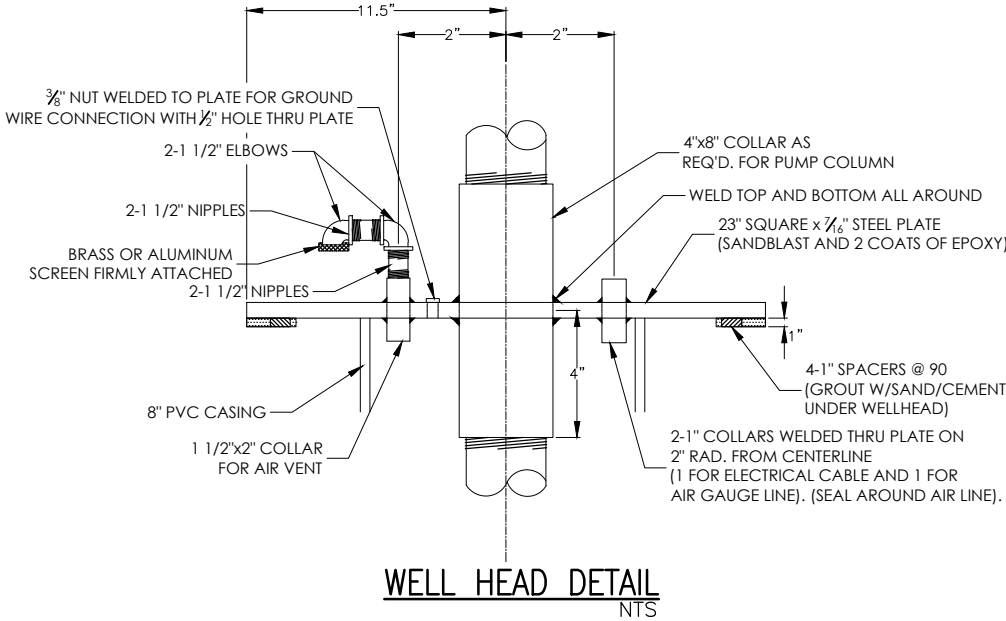
#9 TEST WELL LOG		
LAYER DESCRIPTION	FROM (FEET)	TO (FEET)
TOP SOIL	0	1
CALICHE	1	9
TAN/SANDY CLAY LIMESTONE	9	18
TAN CLAY	18	26
WHITE LIMESTONE	26	60
GRAY SANDY SHALE	60	110
TAN/PURPLE SAND	110	140
TAN SAND/SMALL GRAVEL-WATER	140	185
BROWN SAND/GRAVEL-WATER	185	200
SANDY GRAVEL-WATER	200	275
RED CLAY-RED CLAY/BLUE SHALE	275	280

#9 TEST WELL LOG

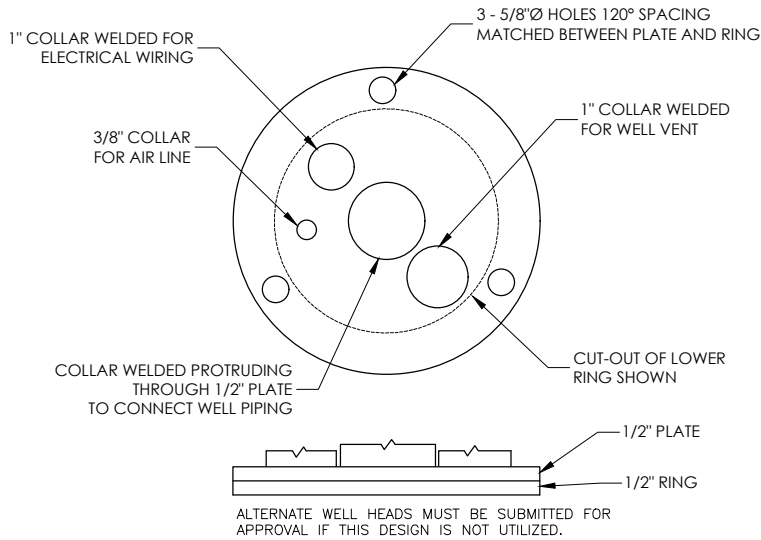
LAT: 32°20'21.12"
LONG: 100°29'54.6"

NOTE:

*MAKE PROVISIONS FOR HEAT TAPE & INSULATION OF ALL PIPING, ETC. SUBJECT TO FREEZING. INSULATE ALL PIPING TO 18" BELOW GRADE. *UPSTREAM AND DOWNSTREAM STRAIGHT PIPE DISTANCES PER FLOWMETER REQUIREMENTS.



WELL HEAD DETAIL
NTS



COVER DETAIL
NTS

- NOTES:
1. CONTRACTOR SHALL OBTAIN AN ACTUAL LOG AND 36 HOUR PUMP TEST BEFORE SIZING PUMP, ETC. THE CASING SCREEN SETTINGS SHALL BE BASED ON THE ACTUAL LOG.
 2. BENTONITE PLUG MAY NOT EXCEED 10 FEET IN HEIGHT. THE ENTIRE BENTONITE PLUG SHALL BE BELOW THE WATER TABLE AT ALL TIMES. THE PLACEMENT OF THE PLUG AND GROUT SEAL SHALL BE A CONTINUOUS OPERATION TO MINIMIZE THE POSSIBILITY OF VOIDS IN THE SEAL.
 3. DISINFECTION OF WATER SHALL OCCUR AT THE OWNER'S EXISTING FACILITY APPROXIMATELY 730 FEET TO THE SOUTH OF THE PROPOSED WELL SITE.

Well #	Ground Elevation	EST. TOTAL DEPTH (FT)	Estimated Casing Depth (ft)	Pump Column & Discharge Pipe Size	Proposed WL Size	Design Flow & Head Efficiency	Berkeley Pump Model & RPM	# of Stages	Motor Horsepower
7	2540	280	258	3"	4"/6"	75 gpm @ 335'	6TSP 15-100 3450 rpm	9	15

* PUMP SHOWN FOR BIDDING PURPOSES ONLY. FINAL PUMP SELECTION BASED ON WELL COMPLETION AND 36 HOUR PUMP TEST.

PUMP DATA

BITTER CREEK WATER SUPPLY CORPORATION
WATER WELL ADDITION (WELL #7)

WELL DETAILS

NO.	REVISION	DATE	11/10/25	PROJECT #	SCALE	AS SHOWN	22322	SEQ.	04	SHEET	04
1	ADDENDUM #1										
BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING. CHECK SCALE AND ADJUST ACCORDINGLY.											



ISSUED FOR CONSTRUCTION

