

WILSON ARCH SPECIAL SERVICE DISTRIC WATER IMPROVEMENTS 2022  
Addendum 1  
January 5, 2024

Planholder:

This Addendum 1 shall become part of the plans, specifications and contract documents of the above-referenced project, and all provisions of the contract shall apply hereto.

Bidders shall acknowledge receipt of all addenda by number in the space provided in the bid documents.

1. Revisions to the Contract Documents/Specifications:
  - a. A revised Bid Schedule (Bid Schedule – Addendum 1) is attached. The revisions to the bid schedule include:
    - i. The quantity for bid item 12 – Directional Bore with 10” HDPE has been increased from 50 lineal feet to 100 lineal feet.
    - ii. The quantity for bid item 22 – 1” Service Reconnection has been decreased from 5 to 1.
    - iii. The quantity for bid item 23 – 1” Service Connection has been decreased from 5 to 2.
    - iv. An additional column for non-BABA Unit pricing has been added. See #3 below for more information.
2. Revisions to the Plans:
  - a. A revised detail for the new fiberglass storage tank is attached. The revisions to the detail include:
    - i. The drain pipeline coming out of the tank has been revised based on manufacturer recommendations. This may affect fittings needed.
    - ii. Access ladders are more clearly shown as going into the tank.
3. Statement on BABA Requirements:
  - a. A supplier has expressed concern regarding finding BABA-compliant products/materials for the pumps, VFDs, pitless adapters, and residential radio read meters. The Contractor is required to follow all BABA requirements in the Contract Documents.
  - b. In the Bid Schedule, all unit prices shall be filled in the BABA Unit Price column. If there is a concern about product availability or a significant cost difference due to BABA requirements, please provide a non-BABA unit price in the appropriate column for that bid item.
4. Q: Water for Construction?  
A: Water is available from the SSD in a limited capacity; the Contractor will be required to provide a meter, and the District’s rate will be \$5 per 1,000-gallons. Water for flushing the lines will not be charged if it is used directly from the system.

5. Q: Will the Contractor have to remove the existing water mains that are being replaced?  
A: Existing water lines being replaced by new water lines shall be capped and abandoned in place.
6. Q: What type of materials should be used in the restoration of the roads?  
A: Road restoration shall follow the details for trenching shown on the Drawings and shall match existing conditions. 6" of UBC is required when backfilling trenches within existing roadways.
7. Q: Does the owner have a location/site for spoils from excavations or can they be left on site?  
A: Spoils from excavation shall be moved to a location that will need to be coordinated with the Owner during construction.
8. Q: When obtaining County permits, will there be impact fees?  
A: No impact fees are anticipated. A Nominal fee from the county is expected.
9. Q: Is there a geotechnical report for this project?  
A: No geotechnical report will be provided for this project.
10. Q: Does the SSD have spots for staging pipe and equipment?  
A: Staging shall be coordinated with the SSD prior to construction. Piping and materials can be staged ahead on the side of the road. The east side of the system does not have much space for larger staging.
11. Q: How deep are the existing fiberglass tanks on the west side?  
A: The existing tanks are assumed to have 3-4 feet of cover with 10-foot diameters. The Contractor shall verify existing tank elevations.
12. Q: What material is the existing pipe?  
A: We understand the existing piping is PVC with glued joints.
13. Q: Will the Contractor install Conduit for the wiring between the well house and pump house on the east side?  
A: We anticipate no conduit installation for existing components not affected by the project. All wiring for the new pumps shall be properly installed in conduit and shall be included under Bid Item 42 – Install and Furnish New Booster Pump System. All wiring for the new pump controls and SCADA capabilities shall be installed in conduit and shall be included under Bid Items 37 – West Side SCADA System and 45 – East Side SCADA System respectively.
14. Q: Where will quality control costs be included, such as compaction testing?  
A: Sections 02200 – Trench Excavation and Backfill and 02510 – Roadway Materials Sampling and Testing do require the Contractor to provide compaction testing and other

requirements. It is up to the Contractor to decide what bid item to roll these costs into, whether it be included in mobilization, piping, etc.

15. Q: Where will environmental control costs, such as SWPPP requirements be included?  
A: Section 01520 – Environmental Control illustrates the Contractor’s responsibilities for providing Environmental Control means and methods. It is up to the Contractor to decide what bid item to roll these costs into, whether it be included in mobilization, clear and grub, etc.
16. Q: Where will construction survey costs be included?  
A: Section 01560 – Construction Staking illustrates the Contractor’s procedures and responsibilities for construction staking. Where the costs are included are up to the Contractor to decide, whether it be in mobilization or another bid item.
17. Q: Are you requesting or requiring an as-built (stamped by a surveyor) of the newly installed water system and tank after it is complete?  
A: Locations of all improvements will be marked by GPS by an on-site Construction Observer from Sunrise. As-builts will be completed by Sunrise for the Owner. There is no need for the Contractor to provide as-builts. The Contractor shall coordinate with Sunrise on the locations of the improvements as needed.
18. Q: Are there any records regarding the potential location of existing utilities such as power, gas, fiber, telephone, etc.?  
A: The Contractor should anticipate encountering some buried utilities not shown on the Drawings. An effort has been made to show the existing utilities as accurately as possible. However, the actual field conditions may vary. We are aware of buried power, telephone, fiber optic, and existing water and sewer.
19. Q: What is the depth of the Dummy Well?  
A: The bottom of the existing Dummy Well is set at a depth of approximately 16 feet below the ground surface. The new Dummy Well should match this depth.
20. Q: What size is the culvert being replaced?  
A: There are two culvert crossings on the plans, which may need to be replaced if damaged during construction. Each culvert is 30” in diameter and is ADS HDPE.
21. Q: Can you clarify what material should be included with each service connection/reconnection bid items? Also, what size of mainline are the saddles connecting to?  
A: Bid Item 22 – 1” Service Reconnection: This bid item includes all materials, labor, etc. required to connect *existing* water services to NEW mains. (does not include poly tubing)  
Bid Item 23 – 1” Service Connection: This bid item includes all materials, labor, etc. required to connect NEW services to NEW mains. (does not include poly tubing)  
Bid Item 24 – 1” Service Lateral: This includes all poly tubing used in reconnections and connections.



25 East 500 North, Fillmore, Utah 84631  
TEL 435.743.6151 | FAX 435.743.7900

The size of mainline that the saddles are connecting to are shown on the Drawings. All NEW mains should be 8". Quantities for these items have been adjusted as described above and as shown in the new Bid Schedule. See section 15234SP for more information on the method of measurement on these items. See also details C and E on sheet D2 of the Drawings.

Sincerely,

A handwritten signature in blue ink that reads "Devan Shields".

Devan Shields, PE  
Project Engineer  
Sunrise Engineering, Inc.

Attachments:

Bid Schedule – Addendum 1  
Sheet TD1 – Tank Details

## BID SCHEDULE

**CONTRACT FOR:**

WILSON ARCH SPECIAL SERVICE DISTRICT WATER IMPROVEMENTS 2023

The undersigned Bidder, having examined and determined the scope of the Contract Documents, hereby proposes to perform the work described herein for the following unit prices or lump sum amounts.

<i>Note:</i>	1. Bids shall include sales tax and all other applicable taxes and fees 2. All bids shall be checked for errors. If errors are made, unit prices shall govern and corrections will be made according to the unit price and totals will be revised to reflect the corrections.
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No.	Meas. & Pmt. Reference	Item	Quantity	Unit	BABA Unit Price	Non-BABA Unit Price	Amount (BABA)
<b><u>DISTRIBUTION SYSTEM</u></b>							
1	02000SP	Mobilization	1	Lump Sum			
2	02000SP	Pre-Construction Video Records	1	Lump Sum			
3	02005	Traffic Control	1	Lump Sum			
4	02105	Imported Trench or Structural Backfill	3000	Lineal Foot			
5	02105	Imported Pipe Bedding	3000	Lineal Foot			
6	02105	Untreated Base Course	110	Cubic Yard			
7	02200	Solid Rock Excavation	200	Lineal Foot			
8	02222	8" PVC Pipe DR18 AWWA C-900	2250	Lineal Foot			
9	02222	6" PVC Pipe DR18 AWWA C-900	250	Lineal Foot			
10	02222	4" PVC Pipe DR18 AWWA C-900	400	Lineal Foot			
11	02222	2" PVC Pipe DR18 AWWA C-900	50	Lineal Foot			
12	02318SP	Directional Bore with 10" HDPE DR11 Installation	100	Lineal Foot			
13	02500	Removal of Fences	30	Lineal Foot			
14	02500	Replace Culvert	2	Each			
15	02500	Replace Stock Fence	30	Lineal Foot			
16	02900	Re-seeding	0.07	Acre			
17	15230SP	8" Gate Valve	7	Each			
18	15230SP	4" Gate Valve	1	Each			
19	15230SP	2" Gate Valve	1	Each			
20	15230SP	New Fire Hydrant Assembly	5	Each			
21	15230SP	Reconnect Existing Fire Hydrant	1	Each			
22	15234SP	1" Service Reconnection	1	Each			
23	15234SP	1" Service Connection	2	Each			
24	15234SP	1" Service Lateral	50	Lineal Foot			
25	15234SP	3/4" Service Meter Assembly	17	Each			
26	15234SP	3/4" Meter	17	Each			
27	15234SP	Radio Read Meter System Software and Equipment	1	Lump Sum			

<b>WEST TANK SITE</b>							
28	02020	Subsurface Investigation	25	Hours			
29	02015	Clear and Grub	1	Lump Sum			
30	02105	Imported Pipe Bedding	200	Lineal Foot			
31	02222	6" PVC Pipe DR18 AWWA C-900	80	Lineal Foot			
32	02222	4" PVC Pipe DR18 AWWA C-900	120	Lineal Foot			
33	13050SP	Supply and Install 30,000 Gal Fiberglass Tank and Required Apurtenances	1	Lump Sum			
34	13050SP	4" Drain Pipe End Assembly	2	Each			
35	15230SP	6" Gate Valve	2	Each			
36	15230SP	4" Gate Valve	2	Each			
37	17051SP	West Side SCADA System	1	Lump Sum			
<b>EAST PUMP SITE</b>							
38	02020	Subsurface Investigation	15	Hours			
39	02015	Clear and Grub	1	Lump Sum			
40	02105	Imported Pipe Bedding	20	Lineal Foot			
41	02222	8" PVC Pipe DR18 AWWA C-900	20	Lineal Foot			
42	13208SP	Install and Furnish New Booster Pump System	1	Lump Sum			
43	13050SP	4" Drain Pipe End Assembly	1	Each			
44	15230SP	8" Gate Valve	4	Each			
45	17051SP	East Side SCADA System	1	Lump Sum			
<b>TOTAL</b>							

The undersigned Bidder certifies that this proposal is made in good faith, without collusion or connection with any other person or persons bidding on the work.

Seal (if bid is by Corporation)

Respectfully Submitted:

Bidder: \_\_\_\_\_

Signature \_\_\_\_\_

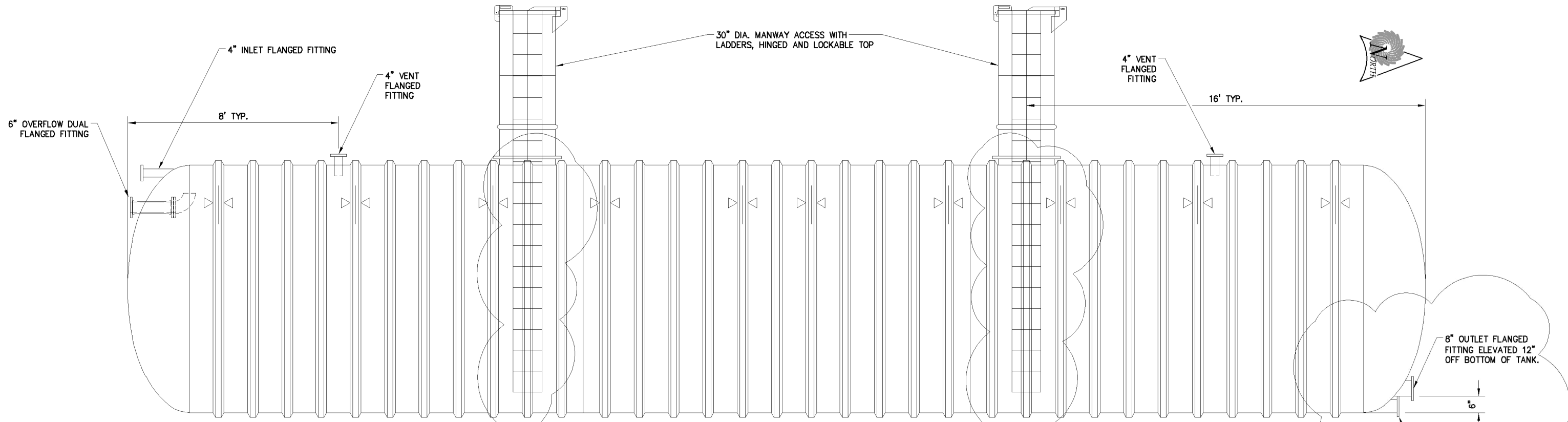
Title: \_\_\_\_\_

License No. \_\_\_\_\_

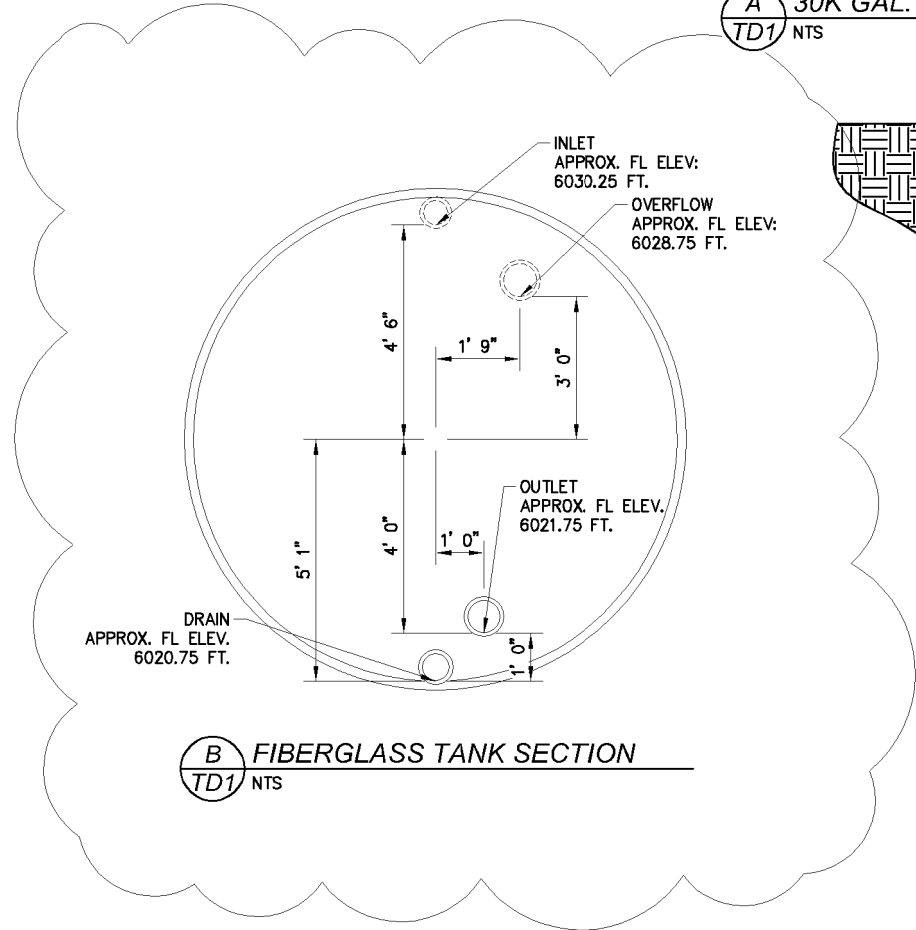
Address: \_\_\_\_\_

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

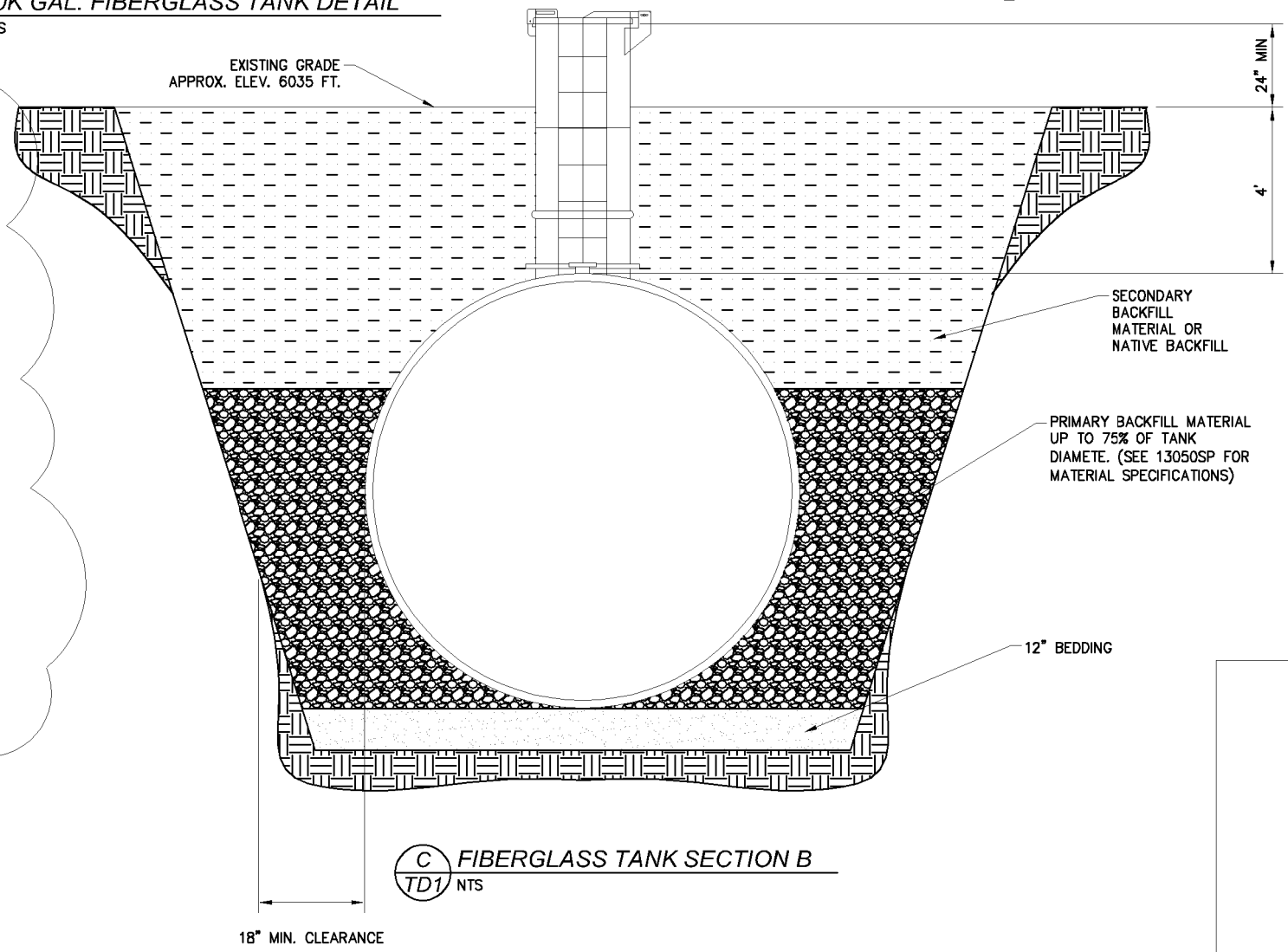
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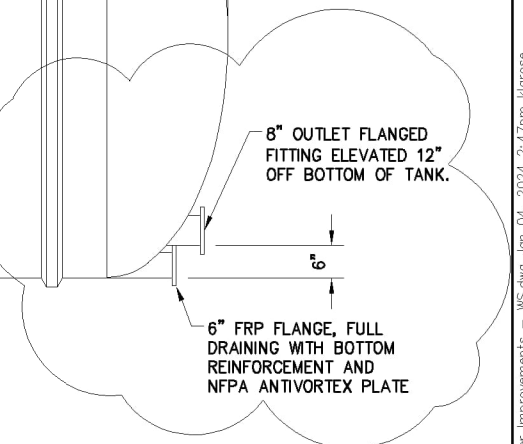
**A** 30K GAL. FIBERGLASS TANK DETAIL  
TD1 NTS



**B** FIBERGLASS TANK SECTION  
TD1 NTS



**C** FIBERGLASS TANK SECTION B  
TD1 NTS



1	ADDENDUM 1 REVISIONS	1/5/24
REV. NO.	COMMENT	DATE
<b>SUNRISE ENGINEERING</b> 635 NORTH MAIN, SUITE 675 RICHFIELD, UTAH 84701 TEL 435.896.8857 WWW.SUNRISE-ENG.COM		
<b>WILSON ARCH WATER &amp; SEWER SSD</b> <b>WILSON ARCH WATER PROJECT</b> <b>2023</b> <b>TANK DETAILS</b>		
SET NO. 09132	DESIGNED DS	DRAWN KL
CHECKED CS	SHEET NO. 14	TD1

811 Know what's below. Call before you dig. 1-800-662-4111  
 \\SEIFL2\Projects\Wilson Arch Water Project 2023\DWG\Sheets\WASSD 2023 Water Improvements - WS.dwg Jun 04, 2024 2:47pm klarose