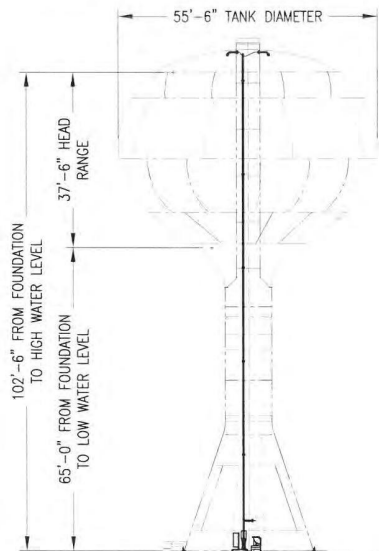


SPRAY AERATION SYSTEM (SAS)

PROJECT: SUMMIT VIEW 0.5MG ELEVATED TANK
END USER: WESTERN VIRGINIA W.A., VA
CONSULTANT: LUMSDEN ASSOCIATES, P.C.
CONTRACTOR: CALDWELL TANKS

OPPORTUNITY: T19-89326



AS-BUILT

[illegible]

SHOP DRAWING APPROVAL			
		APPROVED	APPROVED AS NOTED REVISE & RESUBMIT
REVIEWED BY:	DATE:		

SPRAY NOZZLE NOTES:

1. SPRAY NOZZLE TO BE TF 90° FULL CONE. 316 STAINLESS STEEL. DO NOT PAINT THE NOZZLES. NOZZLES TO BE MASKED OR INSTALLED AFTER PAINTING OF TANK INTERIOR.

PIPE AND APPURTENANCE NOTES:

2. PIPE AND FITTINGS MATERIAL SHALL BE SCH 10S 304 STAINLESS STEEL.
3. PIPE AND FITTING FLANGES SHALL BE ASTM A-240 PLATE FLANGES, DRILLING PER ANSI B16.1/B16.5 CLASS 125#/150#. HOLES TO BE EQUALLY SPACED & STRADDLE CENTERLINES.
4. PIPE SUPPORTS SHALL BE 304 S/STEEL U-BOLT ATTACHED TO EXISTING SUPPORTS.
5. FASTENERS SHALL BE 304 S/STEEL.
6. AN NSF CERTIFIED ANTI-SEIZE LUBRICANT, SUPPLIED BY OTHERS, SHALL BE USED ON FASTENERS DURING INSTALLATION.
7. INSULATING SLEEVES WILL BE USED FOR BOLTED CONNECTIONS, WHERE CARBON / STAINLESS STEEL ARE IN CONTACT, SUPPLIED BY TIDFLEX.
8. FLANGE GASKETS SHALL BE 1/8" THICK EPDM RUBBER & SHALL BE INSTALLED ON ALL FLANGED CONNECTIONS.

GENERAL NOTES:

9. FINAL BLASTING, PAINTING AND TOUCH-UP OF PIPE, FITTINGS AND APPURTENANCES, IF REQUIRED, SHALL BE PER INTERIOR COATING SPECIFICATION, BY OTHERS.
10. CONSULTANT AND/OR END USER RESPONSIBLE FOR IDENTIFYING AND CORRECTING GALVANIC CORROSION POTENTIAL DUE TO DISSIMILAR METALS, IF ANY, IN CONJUNCTION WITH CATHODIC PROTECTION SYSTEM, IF INSTALLED.
11. CONTRACTOR RESPONSIBLE FOR VERIFYING THAT ALL COMPONENTS OF SAS CAN BE INSERTED INTO TANK WITHOUT INTERFERENCE.
12. CONTRACTOR RESPONSIBLE FOR VERIFYING THAT THE SAS PIPING SYSTEM WILL NOT INTERFERE WITH INTERNAL COMPONENTS OF THE TANK.
13. INSTALLATION OF SAS IS BY OTHERS.

4. ALL FILLET WELDS TO BE $\frac{3}{16}$ " MIN ALL AROUND
(TYP. EACH SIDE OF JOINT IF APPLICABLE)

REFERENCE NOTES: TANK OPENINGS

1. ROOF HATCH - UNKNOWN
2. PEDESTAL - UNKNOWN
3. CONTRACTOR TO MAKE PROVISIONS TO GET ALL COMPONENTS INTO TANK, OR VERIFY THAT ALL COMPONENTS SHALL FIT THRU HATCHES.

A	KEC	5-8-20			ADDED OMNI METER, HALF COUPLING, & BASE BEND
-	KEC	4-22-20			ISSUE FOR APPROVAL
REV	BY	DATE	ECO#	CHKD	DESCRIPTION

THE DESIGN INFORMATION WITHIN THESE DOCUMENTS IS THE INTELLECTUAL PROPERTY OF RED VALVE COMPANY/TIDEFLUX TECHNOLOGIES. THESE DOCUMENTS SHALL NOT BE USED TO CONSTRUCT DUPLICATE SYSTEMS; USE OF THESE DOCUMENTS AND/OR CONSTRUCTION OF DUPLICATE SYSTEMS SHALL VIOLATE THE COPYRIGHT AND PATENT PROTECTION LAWS ASSOCIATED WITH THIS PATENTED PRODUCT. THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF RED VALVE COMPANY/TIDEFLUX TECHNOLOGIES AND ARE DISTRIBUTED FOR THE SOLE PURPOSE OF COORDINATING THE INSTALLATION OF THE SYSTEM(S) PROVIDED BY RED VALVE COMPANY / TIDEFLUX TECHNOLOGIES.

S.O.#:

QUOTE #:	89326
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DWG. NOTES:

 <p style="margin-top: 10px;">A Division of Red Valve Company, Inc.,</p>	<p style="text-align: center; font-weight: bold; font-size: 1.2em;">TIDEFLEX TECHNOLOGIES SPRAY AERATION SYSTEM</p> <p>750 Holiday Drive, Suite 400 Pittsburgh, PA 15220 USA</p> <p>Phone: 412-279-0044 Fax: 412-279-5414</p> <p style="text-align: right;">WEBSITE: WWW.TIDEFLEX.COM EMAIL: INFO@TIDEFLEX.COM</p>
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CTI E-8884 FRANKLIN Co, VA ✓GAS 5-19-70