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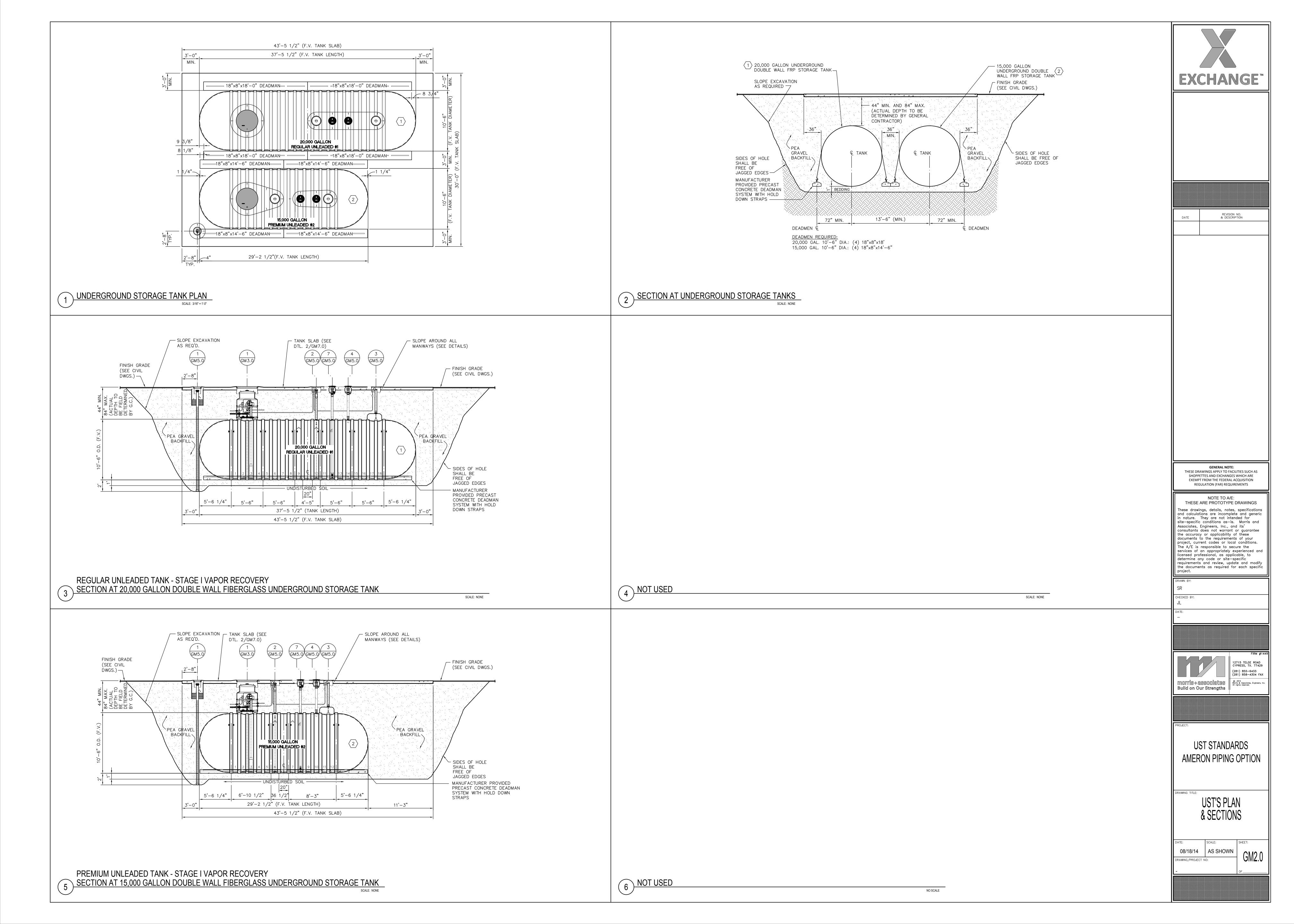
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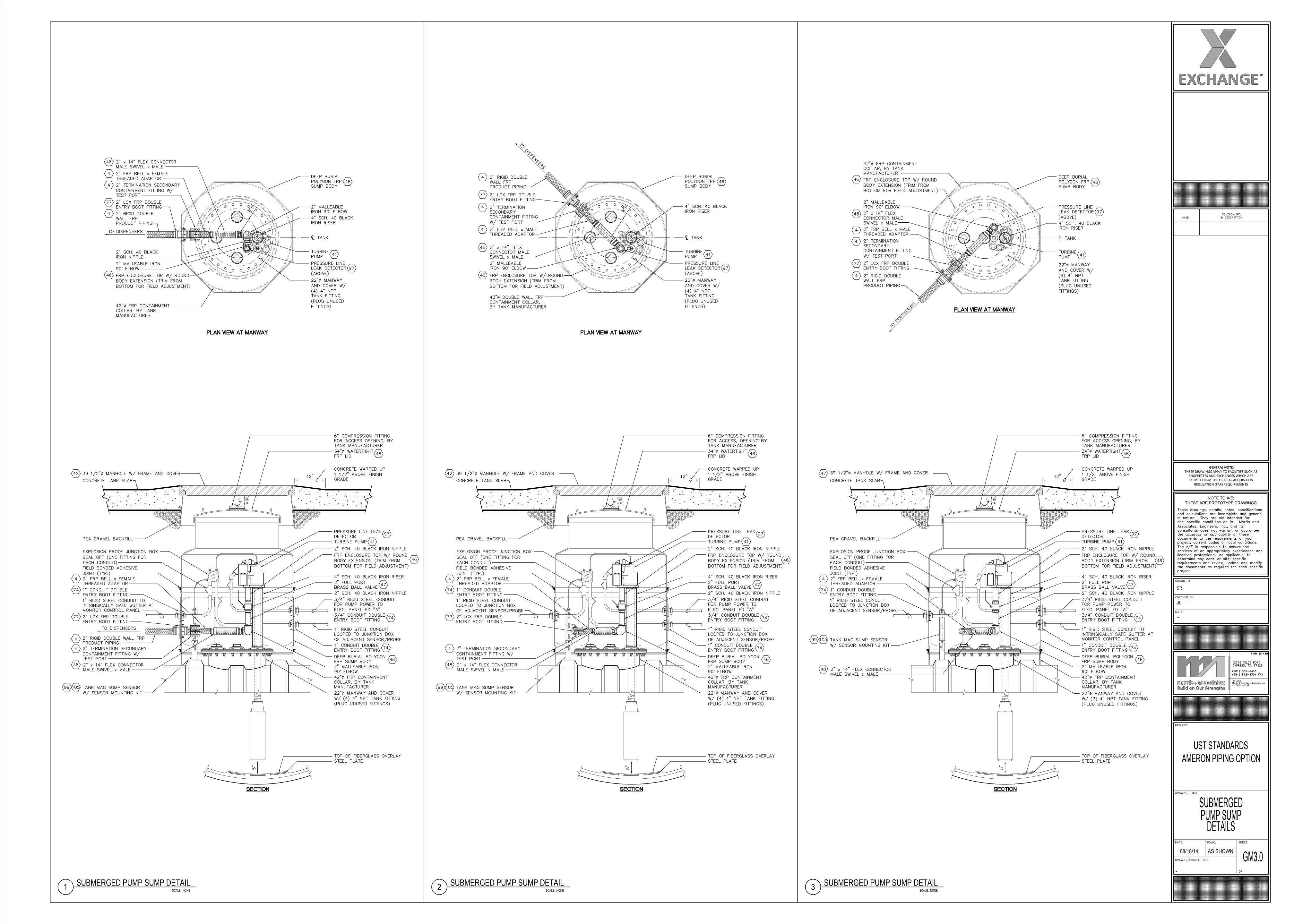
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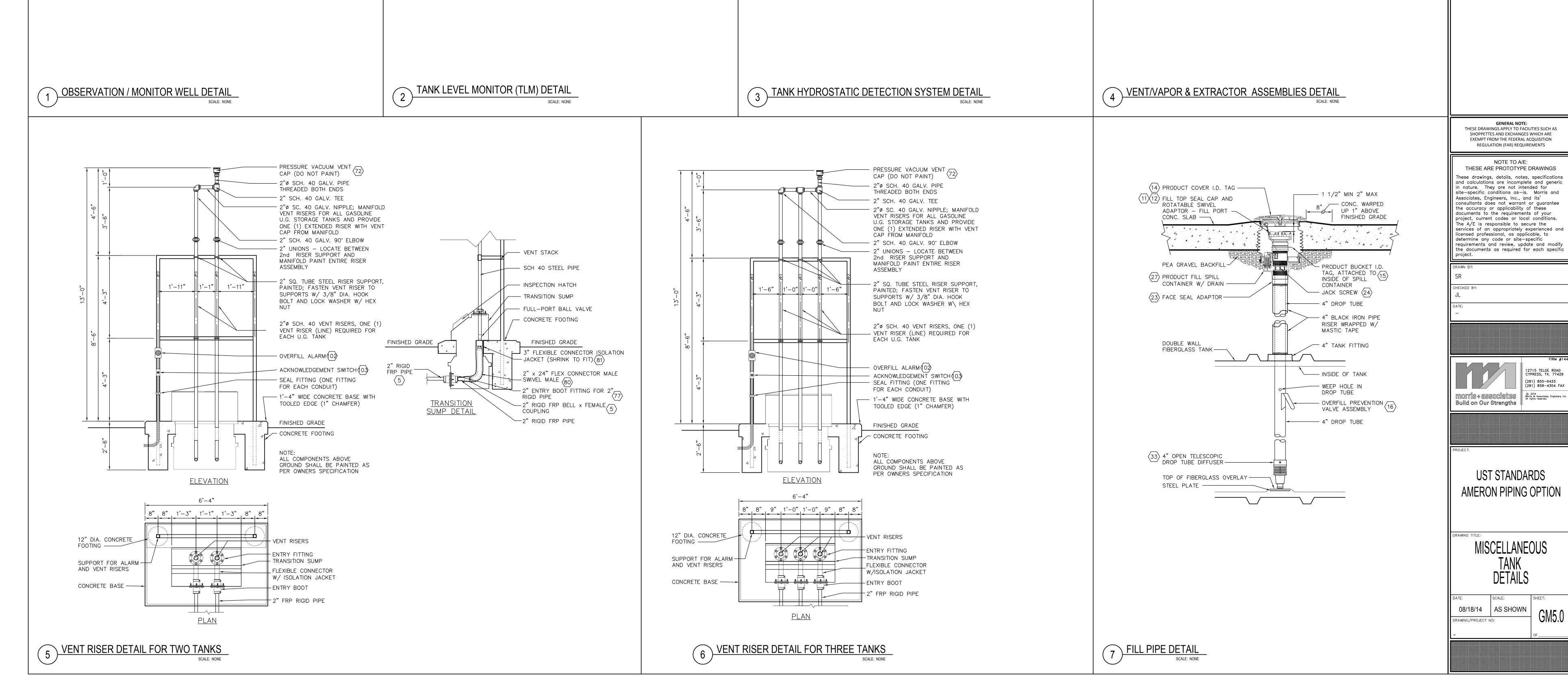
UST STANDARDS AMERON PIPING OPTION

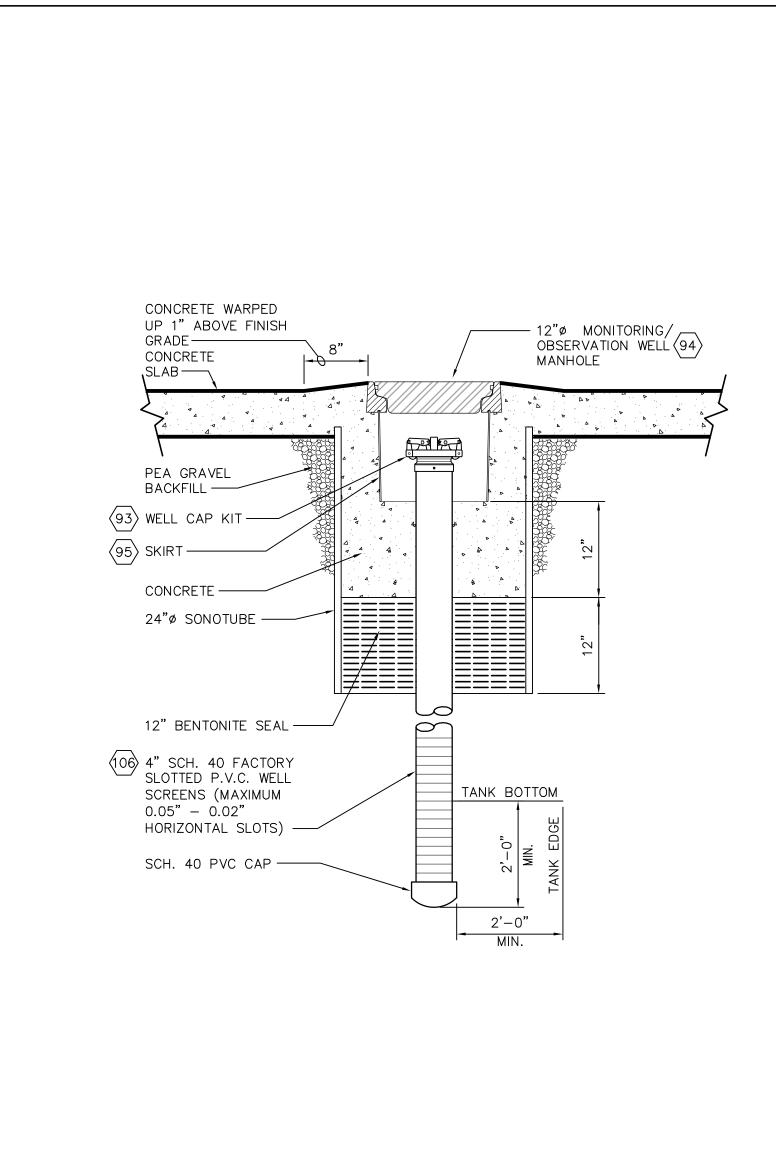
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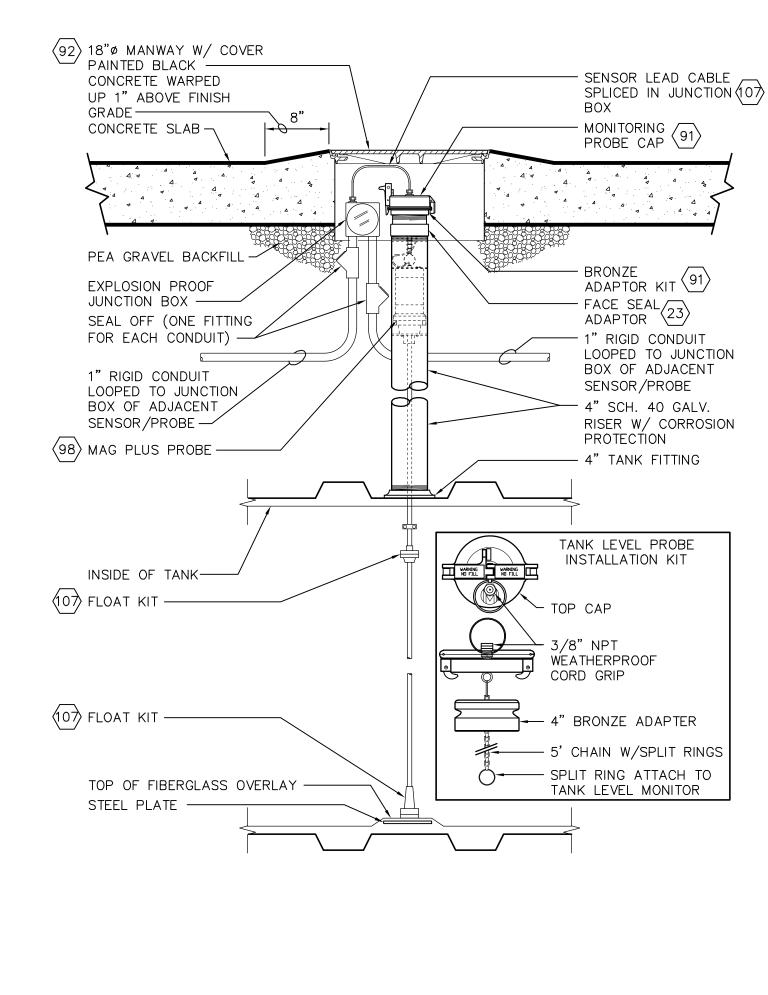
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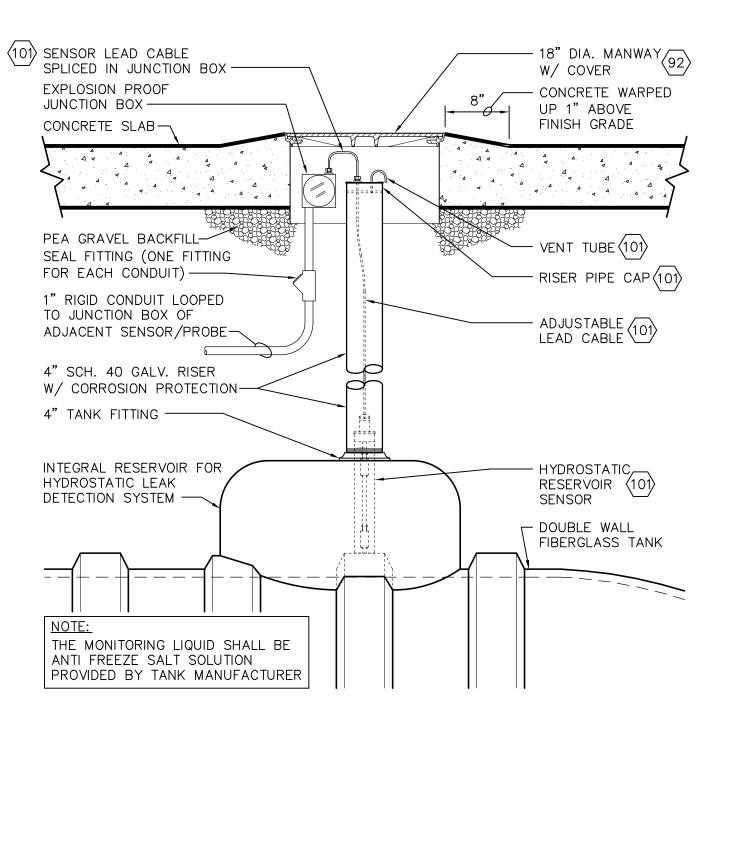


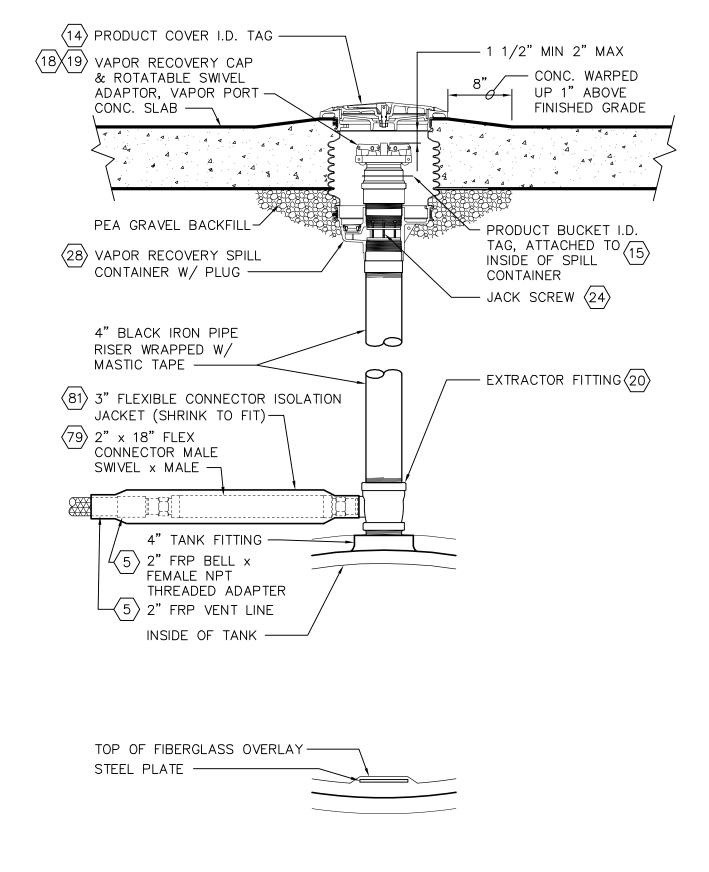


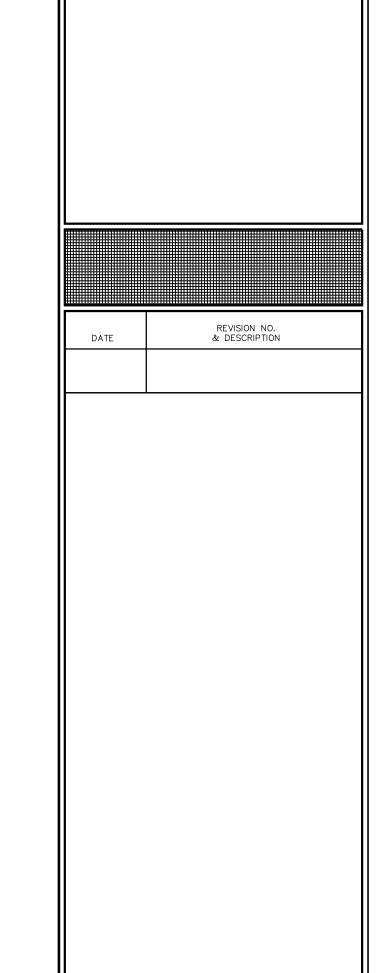


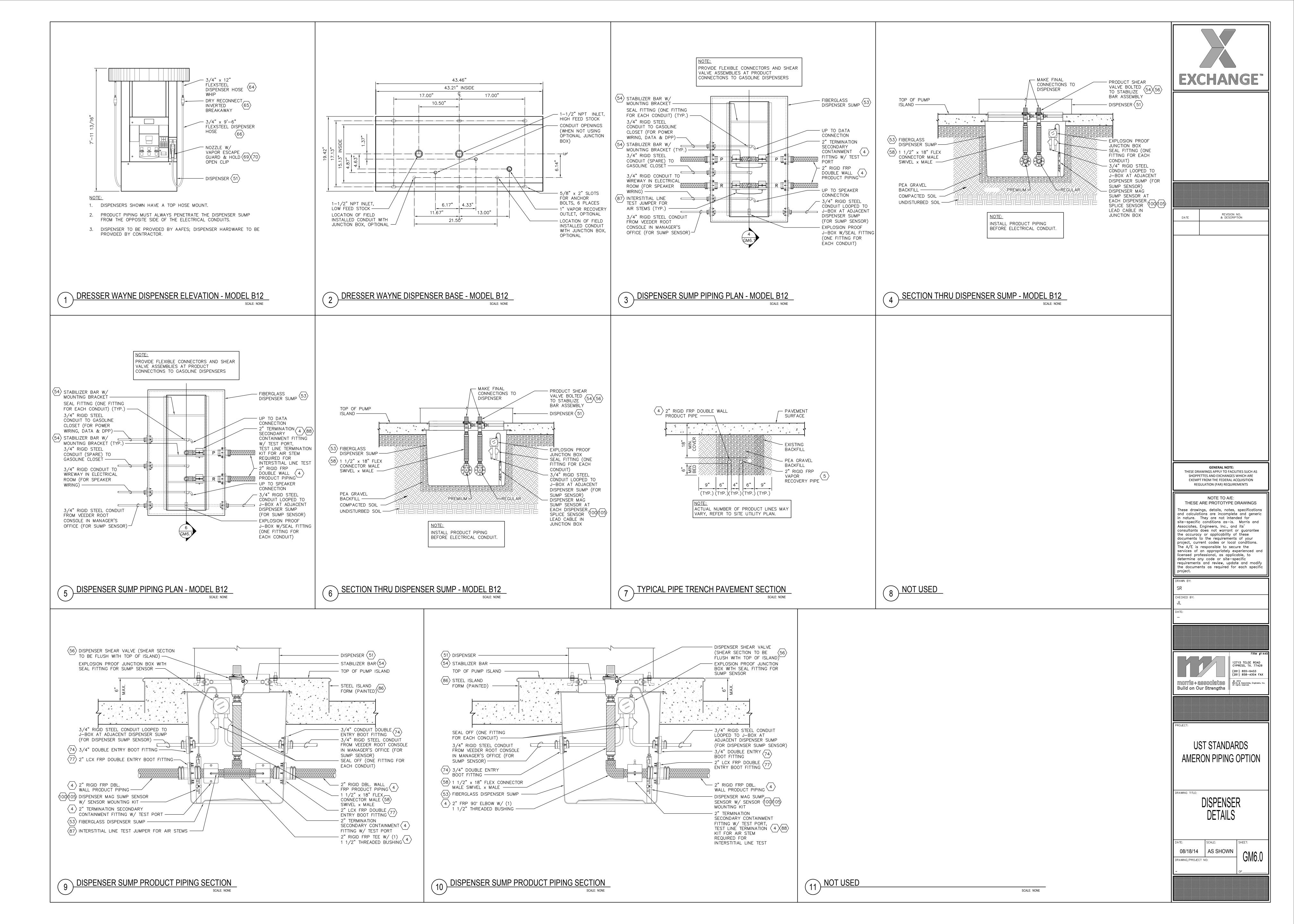


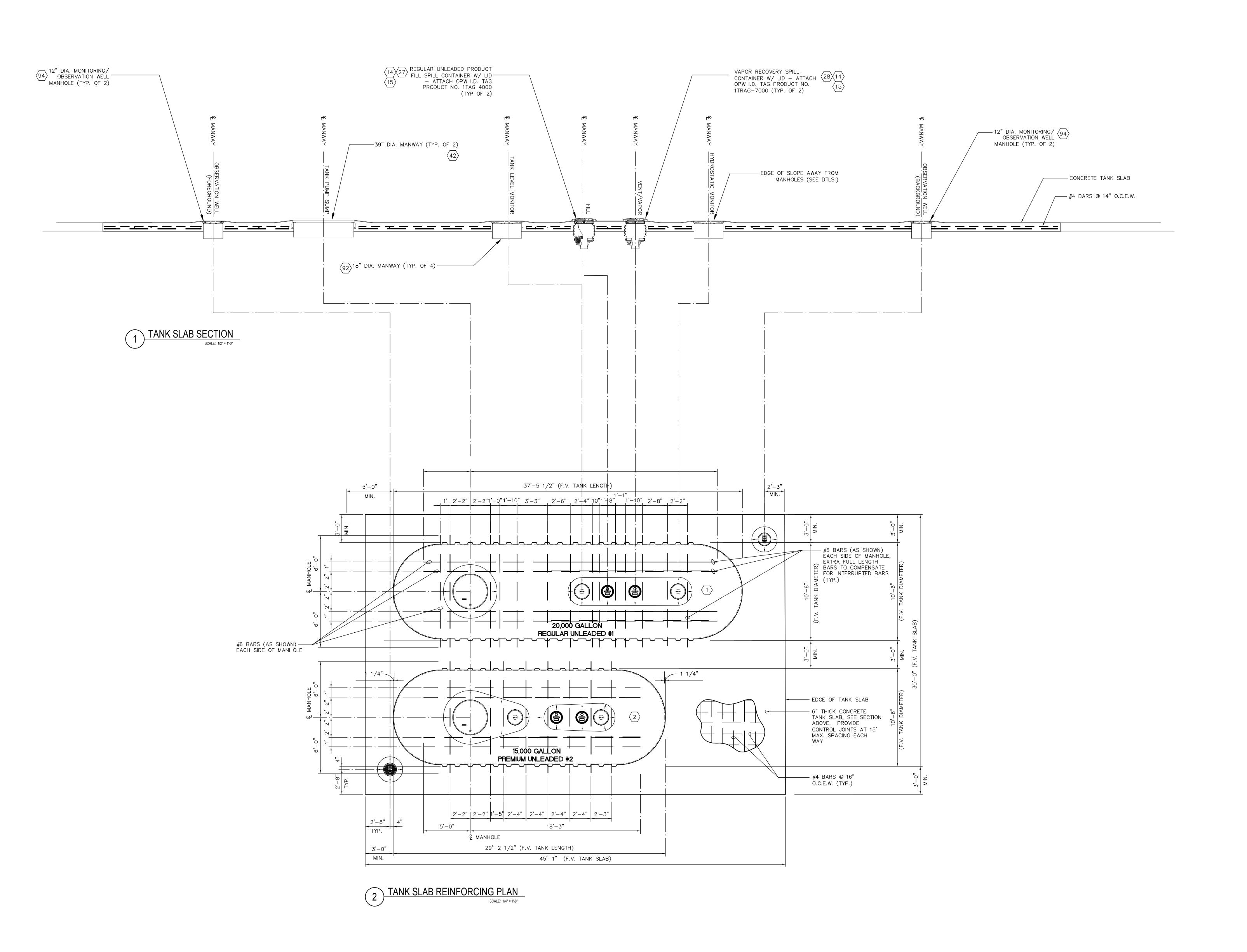




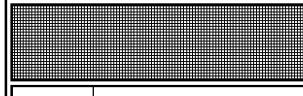












REVISION NO.
DATE & DESCRIPTION

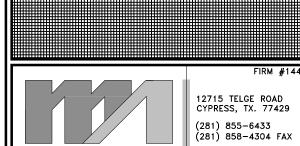
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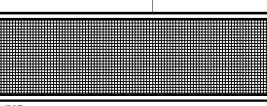
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rawn by: SR

JL DATE:







UST STANDARDS AMERON PIPING OPTION

TANK SLAB
REINFORCING PLAN
AND SECTION

DATE: SCALE:

08/18/14 AS SHOW

DRAWING/PROJECT NO:

GIVI*I* .U

BILL OF MATERIALS

π	PART DESCRIPTION	STANDARD	FURN.	INST.	#	PART DESCRIPTION	STANDARD	FURN.	INST
	PRODUCT TANKS		<u> </u>	<u> </u>		DISPENSER			
1 >	20,000 GALLON DOUBLE WALL FIBERGLASS UNDERGROUND STORAGE TANK	CONTAINMENT SOLUTIONS, INC.: (10')— 20,000; (1) 22" MANWAY W/ (4) NPT FITTINGS (PATTERN "F")			\(\sigma 51 \right\)	MULTI-PRODUCT DISPENSER (3+0 BLEND)	DRESSER WAYNE: "OVATION" B12/3220D1/IJK	А	GC
	STORAGE TANK	W/ 42" FRP CONTAINMENT COLLAR; (3) 4" NPT FTG.; (1) HYDROSTATIC RESERVOIR; HOLD STRAPS &			<u>52</u>				
		DEADMEN			\(\sigma 53\)	FIBERGLASS DISPENSER SUMP	OPW/FLEXWORKS: DSF-1543	GC	GC
			GC	GC	\(\sigma 54 \right\)	STABILIZER BAR — FILL LINE	OPW/FLEXWORKS: SBK-1500	GC	GC
2	15,000 GALLON DOUBLE WALL FIBERGLASS UNDERGROUND STORAGE TANK	CONTAINMENT SOLUTIONS, INC.: (10')- 15,000; (1) 22" MANWAY W/ (4) NPT FITTINGS (PATTERN "F")			(55)				
	TAIN	W/ 42" FRP CONTAINMENT COLLAR; (3) 4" NPT FTG.; (1) HYDROSTATIC RESERVOIR; HOLD STRAPS &			\(\sigma \)56\(\sigma \)	DISPENSER SHEAR VALVE — PRODUCT	OPW: 10P-0152	GC	GC
		DEADMEN			<u></u>				
			GC	GC	<u></u>	1 1/2"M SWIVEL x 1 1/2"M STAINLESS STEEL FLEXIBLE CONNECTOR	OPW/COMMANDO: FCW15-SWM18	GC	GC
3					(59)				
					60				
PRODUCT PIPING 61									
4	2" RIGID DBL WALL FRP PRODUCT PIPING W/ BONDED CLAMSHELL FTG.	AMERON: DUALOY 3000/LCX	GC	GC	<u>62</u>				
5	2" RIGID SINGLE WALL FRP VENT/VAPOR RECOVERY PIPING & FITTINGS	AMERON: DUALOY 3000/L	GC	GC	(63)	3/4"F x 3/4"M (NPT) HOSE SWIVEL	OPW: 241TPS-0241	GC	GC
6					<u></u>	3/4"M x 3/4"M (NPT) x 9" STRAIGHTENING HOSE	OPW: 66H-0075	GC	GC
7					<u></u>	3/4" (NPT) DRY RECONNECTABLE BREAKAWAY	OPW: 66REC-1000	GC	GC
8					(66)	3/4" x 9'-0" FLEXSTEEL HARDWALL DISPENSER HOSE	GOODYEAR: GY-3409	GC	GC
9					(67)				
10>					(68)				
-	FILL/VAPOR	•	ı	!	69	UNLEADED NOZZLE W/ HOLD OPEN RACK & TRIGGER	OPW: 11AP-0500 (BLUE)	GC	GC
11>	TIGHT-FILL TOP-SEAL CAP	OPW: 634TT-7085-EVR	GC	GC	70	FILLGARD SPLASH GUARD	OPW: 8B-0500 (BLUE)	GC	GC
12	TIGHT-FILL TOP SEAL ADAPTOR	OPW: 61SALP-1020-EVR	GC	GC		MISCELLANEOUS	•	<u> </u>	1
13					(71)	POWER DISTRIBUTION SYSTEM (SEE ELECTRICAL DWGS.)	POWER INTEGRITY: PDS-CH-AAFE42L	GC	GC
14	PRODUCT COVER I. D. TAG	OPW: 1TAG-X000	GC	GC	72	PRESSURE VACUUM VENT	OPW: 623V-2203	GC	GC
15	PRODUCT BUCKET I. D. TAG	OPW: 1TAG-X010	GC	GC	73	VENT LINE TRANSITION SUMP	OPW: PTS-4021	GC	GC
16	OVERFILL PREVENTION VALVE ASSEMBLY	OPW: 71S0-410C	GC	GC	74	3/4" OR 1" CONDUIT DOUBLE ENTRY BOOT FITTING	OPW/FLEXWORKS: DEB-0751	GC	GC
17					75	2" FRP DOUBLE ENTRY BOOT FITTING	OPW/FLEXWORKS: DEB-0200	GC	GC
18	STAGE 1 VAPOR RECOVERY CAP	OPW: 1711T-7085-EVR	GC	GC	76				
19	STAGE 1 VAPOR RECOVERY ADAPTOR	OPW: 61VSA-1020-EVR	GC	GC	77	2" LCX FRP DOUBLE ENTRY BOOT FITTING	OPW/FLEXWORKS: DEB-0200X	GC	GC
20	EXTRACTOR FITTING	OPW: 233-4420 (TEE)	GC	GC	78				
21					79	2" M SWIVEL x 2" M STAINLESS STEEL FLEXIBLE CONNECTOR	OPW: FC20-SWM18	GC	GC
22					(80)	2" M SWIVEL x 2" M STAINLESS STEEL FLEXIBLE CONNECTOR	OPW: FC20-SWM24	GC	GC
23	THREADED RISER ADAPTOR (FACE SEAL ADAPTOR)	OPW: FSA-400	GC	GC	81	3" FLEXIBLE CONNECTOR ISOLATION JACKET (SHRINK TO FIT)	AUSTIN ENGINEERING, INC.: 3" FP1 SERIES	GC	GC
24	JACK SCREW	OPW: 61JSK-44CB	GC	GC	82				
			GC	GC	83	4" DIA. DOUBLE RADIUS PIPE GUARD	OPW: 6PGR4-4972	GC	GC
					84				
	SPILL BUCKET W/DRAIN VALVE	OPW: 1C-2100-DEVR	GC	GC	85				
	VAPOR RECOVERY SPILL BUCKET W/PLUG	OPW: 1C-2100C-PEVR	GC	GC	86	STEEL ISLAND FORM(SUBSTITUTE STAINLESS STEEL IN NORTHERN REGIONS)	OPW: 6013-SFR6W4L12 (6013SS-SFR6W4L12)	GC	GC
29					87	TEST JUMPER FOR AIR STEMS	OPW/FLEXWORK: TJ-200A	GC	GC
30>	RISER SPACER	POMECO/OPW: 6511-RB16	GC	GC	(88)	TEST LINE TERMINATION KIT FOR AIR STEMS	OPW/FLEXWORK: TLT-36A	GC	GC
31	5-GALLON SHROUD BOOT	POMECO/OPW: D02575M	GC	GC	89				
32	4" NIPPLE (4" LENGTH)	POMECO/OPW: H15144M	GC	GC	90				
33	4" OPEN TELESCOPIC DROP TUBE DIFFUSER	MORRISON BRO: 539T0-0400 AD	GC	GC	 _	MONITORING	•		1
34					91	MONITORING PROBE CAP W/BRONZE ADAPTOR KIT	OPW: 62MBB-0375	GC	GC
35	LOWER CLAMP FOR 5-GALLON SHROUD BOOT	POMECO/OPW: H15188M	GC	GC	92	18" DIA. MANWAY W/COVER	OPW: 104A-1800	GC	GC
<u></u>	UPPER CLAMP FOR 5-GALLON SHROUD BOOT	POMECO/OPW: H15190M	GC	GC	93	MONITORING WELL/PIPE CAP KIT	OPW: 634TTM-7087	GC	GC
<u></u>					94	12" DIA. GRAY COVER & FRAME W/ MONITORING WELL ID PLATE	OPW: 104AOW-1200	GC	GC
38					95	12" DEEP FRP SKIRT FOR FL120 COVER	OPW: 104FG-1200	GC	GC
<u></u>					96	TLS-450 CONSOLE W/INTEGRAL PRINTER & FULL VGA LCD DISPLAY	VEEDER ROOT: 860090-100	GC	GC
40>					97	DIGITAL PRESSURE LINE LEAK DETECTOR (DPLLD)	VEEDER ROOT: 859080-001	GC	GC
	TURBINE				98	MAG PLUS PROBE	VEEDER ROOT: 846390-109	GC	GC
41>	2 HP FIXED SPEED SUBMERSIBLE PUMP	RED JACKET: P200U1-3-RJ2/PN: 410142-002 IQ CONTROL BOX	GC	GC	99	TANK MAG SUMP SENSOR (24" LENGTH)	VEEDER ROOT: 857080-112	GC	GC
42	39 1/2" DIA. FLAT SEALED COMPOSITE COVER AND FRAME	OPW: 39CD-PL10	GC	GC	100	DISPENSER MAG SUMP SENSOR (12" LENGTH)	VEEDER ROOT: 857080-111	GC	GC
43>					(101)	HYDROSTATIC RESERVOIR SENSOR (DUAL FLOAT)	VEEDER ROOT: 794380-303	GC	GC
44					102	OVERFILL ALARM	VEEDER ROOT: 790091-001	GC	GC
<u></u>					103	ALARM ACKNOWLEDGMENT SWITCH	VEEDER ROOT: 790095-001	GC	GC
(45)	DEEP BURIAL FRP POLYGON TANK SUMP W/ ROUND BODY EXTENSION W/ 34" DIA. LID	OPW/FLEXWORKS: TSDF-4536 @ RK5000	GC	GC	104	DOUBLE WALL SUMP MINI HYDROSTATIC SENSOR	VEEDER ROOT: 794380-304	GC	GC
45 46	W/ J4 DIA. LID		_		+	+			000
45) 46) 47)	2" FULL PORT BRASS BALL VALVE	OPW: 21BV-0200	GC	GC	(105)	UNIVERSAL SENSOR MOUNTING KIT	VEEDER ROOT: 330020-012	GC	GC
46	·	OPW: 21BV-0200 OPW/COMMANDO: FCW20-SWM14	GC GC	GC GC	105	UNIVERSAL SENSOR MOUNTING KIT 4" SLOTTED PVC PIPE	VEEDER ROOT: 330020-012 OPW: 61SPVC-4015	GC GC	GC

^{*} SUMP LENGTH (L') TO BE FIELD DETERMINED BASED ON THE BURIAL DEPTH OF THE TANKS, BY THE GENERAL CONTRACTOR PRIOR TO PLACING ORDER. FOR 4' OF COVER L'=4', 5' OF COVER L'=5', 6' OF COVER L'=6' AND 7' OF COVER L'=7'.

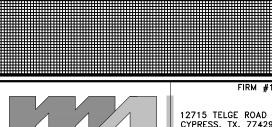




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Build on Our Strengths

UST STANDARDS

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