

PARTS/MATERIAL LIST						
QTY	QTY	PART/DASH NUMBER	NOMENCLATURE/DESCRIPTION	MATERIAL/REFERENCE	SHT	ITEM NO
-020	-010					
		-010	DISTRIBUTOR BOX SHIELD BOX ASSEMBLY		2	1
	1	-020	DISTRIBUTOR BOX SHIELD BOX WELDMENT		3	2
						3
1		-001	FRONT PLATE, 4" THK	ASTM A36	4	4
1		-002	TOP PLATE, 4" THK	ASTM A36	4	5
1		-003	BACK PLATE, 4" THK	ASTM A36	4	6
1		-004	LEFT SIDE PLATE, 4" THK	ASTM A36	4	7
1		-005	RIGHT SIDE PLATE, 4" THK	ASTM A36	4	8
2		-006	ADJUSTABLE BAR, 4" THK	ASTM A36	4	9
AR			FLAT BAR, 2 X 4 X LAR	ASTM A36		10
AR			FLAT BAR, 2 X 1 X LAR	ASTM A36		11
6		46356-C	SWIVEL HOIST RING, 1 3/8-6 UNC, 12,000 LBS, CADMIUM PLATED	ACTEK		12
6			WASHER, FLAT 5/8	ASTM F436		13
6			HEX BOLT, 5/8-11 UNC-2A X 5 LG	ASTM A325 TYPE 1		14

GENERAL NOTES: (UNLESS OTHERWISE SPECIFIED)

- DIMENSIONS ARE IN INCHES, TOLERANCES SHALL BE AS FOLLOWS:

DECIMALS	ANGULAR	FRACTIONS
.XX±0.03	±3'	±1/16"
- ESTIMATED ASSEMBLY WEIGHT: 17,600 LBS
- REMOVE ALL BURRS AND SHARP EDGES. ROUND ALL CORNERS THAT MAY CONTACT HOSE.
- WELD AND INSPECT STRUCTURAL WELDS PER AWS D1.1 FOR STATICALLY LOADED STRUCTURES. VT FINAL PASS. WELDING PROCEDURES AND WELDER QUALIFICATIONS PER ASME SECTION IX ARE ACCEPTABLE.
- PREPARE AND PAINT ALL EXPOSED CARBON STEEL SURFACES WITH PPG PAINT PSX700 OR EQUIVALENT. FINISH COLOR SHALL BE WHITE. APPLY PAINT PER MANUFACTURER'S SPECIFICATIONS. POWDER COAT IS AN ACCEPTABLE COATING SYSTEM.

ACTEK SWIVEL HOIST RING NOTES:

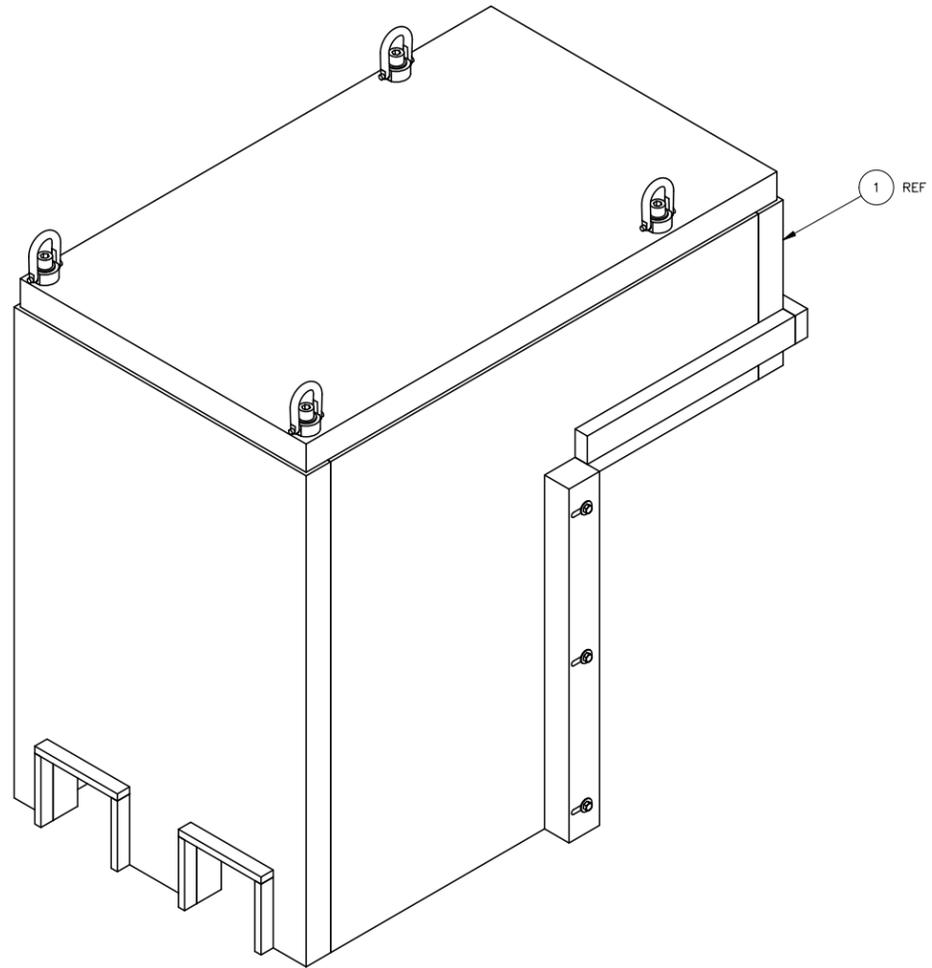
- ALL SWIVEL HOIST RINGS SHALL BE AS MANUFACTURED BY ACTEK MANUFACTURING AND ENGINEERING INC. INSTALL/RE-INSTALL THESE HOIST RINGS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS EXCEPT AS AMENDED AND DOCUMENTED IN VENDOR INFORMATION FILE #VI-50159. THE MANUFACTURER'S AMENDED INFORMATION AND/OR OTHER RELEVANT INFORMATION IS DESCRIBED IN THE FOLLOWING NOTES.
- ALL STEEL COMPONENTS ENGAGING THE HOIST RINGS SHALL HAVE MINIMUM TENSILE STRENGTHS OF 58,000 PSI.
- ALL ACTEK HOIST RING SCREW THREADS ARE CLASS 2A, THEREFORE, ALL TAPPED THREADS SHALL BE MATCHING CLASS 2B.
- PRIOR TO ITS USE, EACH HOIST RING SHALL BE TIGHTENED TO TORQUE VALUE AS SHOWN BELOW. PAINT TO BE APPLIED FOLLOWING FINAL TORQUE.

ACTEK HOIST RING PART NUMBER	SCREW SIZE	RATED LOAD (LBS)	TORQUE FT-LBS (±10%)
46356-C	1 3/8-6 UNC	12,000	470
- IF "ANTI-SEIZE" LUBRICANT IS PRESENT IN THE THREADS OF THE HOIST RING SCREW OR IN THE TAPPED THREADS, IT MUST BE REMOVED WITH ACETONE OR ANOTHER VENDOR APPROVED SOLVENT.
- INSPECTION OF HOIST RINGS SHALL MEET MANUFACTURER'S AND HANFORD SITE HOISTING AND RIGGING MANUAL (DOE-RL-92-36) REQUIREMENTS.
- COLD WEATHER: HOIST RINGS SHALL BE WARMED (NOT HOT) TO ABOVE 10 °F PRIOR TO THEIR USE. HOIST RINGS WARMED DURING INSTALLATION MUST HAVE THEIR TORQUE RE-CHECKED, PRIOR TO USE. HOIST RINGS SHOULD BE REMOVED AND KEPT IN A WARM LOCATION DURING EXTENDED COLD WEATHER USE.

7 AFTER FINAL FABRICATION LABEL SHIELD BOX WITH ASSEMBLY NAME, DRAWING NUMBER AND ACTUAL WEIGHT. APPLY VINYL LETTERING OR PAINT APPROXIMATELY AS SHOWN.

8. SEE RPP-CALC-62081 FOR STRUCTURAL ANALYSIS. SEE RPP-CALC-62207 FOR SHIELDING ANALYSIS.

9 AFTER FINAL FABRICATION LABEL SHIELD BOX ASSEMBLY WITH CENTER OF GRAVITY USING 2" DIAMETER SYMBOL. APPLY VINYL OR PAINT APPROXIMATELY AS SHOWN.



DISTRIBUTOR BOX SHIELD BOX ASSEMBLY ISOMETRIC
SCALE: 1/8

DATE:
Sep 17, 2019
HANFORD
RELEASE

DWG NUMBER	TITLE	REV NO.	DESCRIPTION
H-15-7	A-FARM WRS AP PIT MODELS		
H-14-111014	DRAWING LIST & TITLE SHEET	0	RELEASED PER EDT-882263
	REFERENCES		
	TITLE		
	REFERENCES		
	REVISIONS		

BLDG. NO. 241-A	DATE	CAUTION: NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE	
DESIGNER H A MENDEZ	COMPANY U R BYERS	SCALE	U.S. DEPARTMENT OF ENERGY Office of River Protection
DESIGN CHECKER U R BYERS	DATE	SCALE	A-FARM RETRIEVAL DISTRIBUTOR BOX SHIELD BOX ASSEMBLY
DESIGN AUTHORITY C H ANDERSON	DATE	SCALE	DWG NUMBER H-14-111030
			SHEET 1
			REV 00