



PARTS LIST / MATERIAL LIST					
QTY	PART / DASH NUMBER	NOMENCLATURE / DESCRIPTION	MATERIAL / REFERENCE	SHEET	ITEM NO.
1	-010	1.5 INCH SHIELDING ASSEMBLY		1	1
1	-020	1.5 INCH SHIELDING BOX WELDMENT		2	2
					3
					4
					5
1	-001	LID, PLATE, 1 1/2 THK	ASTM A36	3	6
1	-002	BOTTOM PLATE, PLATE, 102 X 62 X 1 1/2 THK	ASTM A36		7
2	-003	SHORT SIDE PLATE, PLATE, 60 X 48 X 1 1/2 THK	ASTM A36		8
2	-004	LONG SIDE PLATE, PLATE, 1 1/2 THK	ASTM A36	3	9
2	-005	ALIGNMENT PLATE, PLATE, 3/4 THK	ASTM A36	3	10
					11
					12
					13
4	1016942	SWIVEL HOIST RING, 3/4-10 X 2 3/4 LG, 7000 LBS WORKING LOAD, 180° PIVOT AND 360° SWIVEL, HR-125	CROSBY		14
4	1016909	SWIVEL HOIST RING, 1/2-15 X 2 LG, 2500 LBS WORKING LOAD, 180° PIVOT AND 360° SWIVEL, HR-125	CROSBY		15

1 1.5 INCH SHIELDING ASSEMBLY
SCALE: 1:8

- GENERAL NOTES (UNLESS OTHERWISE SPECIFIED):**
- DIMENSIONS AND TOLERANCES SHALL BE PER ASME Y14.5. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED. TOLERANCES ARE AS FOLLOWS, UNLESS OTHERWISE NOTED. FRACTIONS: ±1/8; DECIMAL: .X ±0.1, .XX ±0.06, .XXX ±0.030; ANGULAR: ±1°
 - ABBREVIATIONS AND ACRONYMS SHALL BE PER H-9-006015 AND ASME Y14.38.
 - BREAK ALL SHARP EDGES AND REMOVE ALL BURRS.
 - PAINT DRAWING NUMBER AND WEIGHT OF ASSEMBLY ON THE SIDE. PAINT THE DRAWING NUMBER AND WEIGHT OF THE LID ON THE LID. LETTER HEIGHT SHALL BE AT LEAST 1/2" HIGH AND WITH A WHITE PAINT PEN.
 - APPROXIMATE WEIGHT OF SHIELDING BOX WELDMENT (ITEM 3) WITHOUT LID: 9,160 LBS
 - APPROXIMATE WEIGHT OF LID (ITEM 6) WITH SWIVEL HOIST RINGS (ITEM 15): 2,561 LBS
 - LIFTING HOIST RINGS (ITEM 14) ARE TO BE USED FOR FABRICATION AND INSTALLATION INTO THE SHIPPING CONTAINER AND SHALL BE REMOVED AFTER INSTALLATION. INSTALL SWIVEL AND TORQUE BOLT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - LIFTING HOIST RING (ITEM 15) SHALL STAY IN PLACE. RIGGING SHALL ACCOUNT FOR THE ABILITY TO BE REMOVED OR LAY FLAT IN ORDER TO PUT THE SHIPPING CONTAINER LID ON REMOTELY. INSTALL SWIVEL AND TORQUE BOLT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - ALL WELDING AND WELD INSPECTIONS SHALL BE DONE IN ACCORDANCE WITH AWS D1.1 AND SHALL BE VISUALLY INSPECTED.
 - THIS DRAWING WAS GENERATED FROM THE SOLIDWORKS 3D CAD MODEL FOUND IN H-3-318641 1.5 INCH SHIELDING DESIGN ZIP. THE SOLIDWORKS MODEL IS FOR REFERENCE ONLY. THIS DRAWING IS THE CONTROLLING DESIGN DOCUMENT.

Approved for Construction
ISSUED BY
DOCUMENT CONTROL
Date: 5/11/2022 AK

324	CAUTION: NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE	ATTENTION: DESTROY THIS DOCUMENT BY SHREDDING MAY CONTAIN SENSITIVE INFORMATION
	U.S. DEPARTMENT OF ENERGY Richland Operations Office	
1.5 INCH SHIELDING ASSEMBLY AND DETAILS FOR 7AF-255 CTI CONTAINER		
INDEX NO. 1001	DATE 5/11/2022	COMPANY CPD
DESIGNED BY ZJ FITZGERALD	DATE 5/11/2022	CPD
CHECKED BY BALILLY	DATE 5/11/2022	CPD
DESIGNED BY DJ TEDESCHI	DATE 5/11/2022	CPD
DESIGNED BY GE DIXSON	DATE 5/11/2022	CPD
ENGINEERING MANAGER		
SIZE F	DRAWING NO. H-3-318641	SHEET 1
SCALE SHOWN		REV 0

DWG NUMBER	TITLE	REF NUMBER	TITLE
	DRAWING TRACEABILITY LIST		REFERENCES
			NEXT USED ON

REV	NO	DESCRIPTION
0		INITIAL RELEASE PER DCN-SRP-203
REV	NO	DESCRIPTION
		REVISIONS