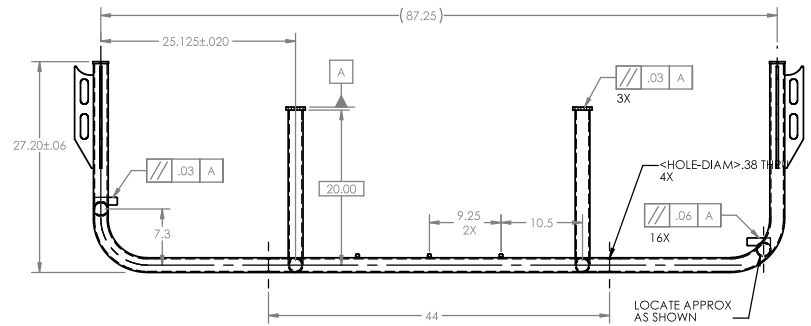
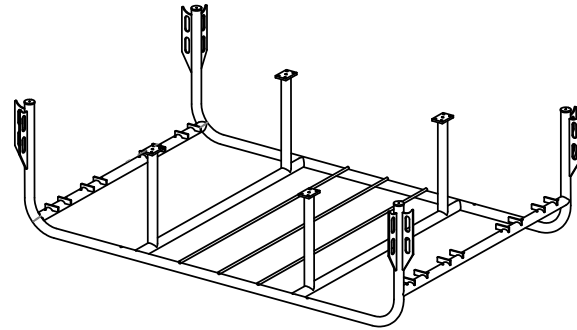
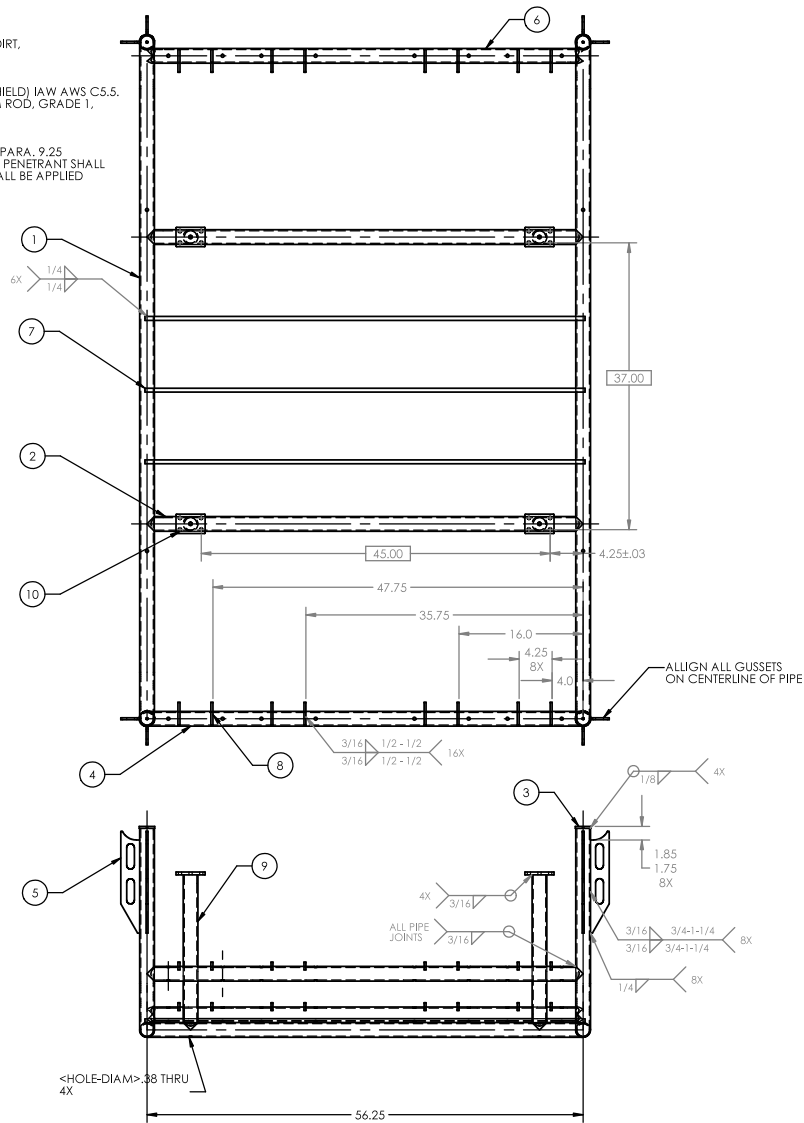


NOTES UNLESS OTHERWISE SPECIFIED:

- 1 ALL COMPONENTS SHALL BE THOROUGHLY CLEANED OF DIRT, OIL, AND GREASE PRIOR TO ANY WELDING.
- 2 ALL WELDS SHALL BE GAS TUNGSTEN ARC (ARGON GAS SHIELD) IAW AWS C5.5. FILLER MATERIAL SHALL BE COMMERCIAL PURE TITANIUM ROD, GRADE 1, ERTI-1 IAW ANSI AWS A5.16.
- 3 WELDS SHALL BE VISUALLY INSPECTED IAW ANSI/AWS D1.1 PARA. 9.25 BEFORE AND AFTER APPLICATION OF DYE PENETRANT. DYE PENETRANT SHALL BE OF A NON-CLORINATED HYDROCARBON TYPE AND SHALL BE APPLIED IAW ANSI/AWS B1.10-86, SECTION 3.2.
- 4 IDENTIFY WITH PART NUMBER 110597-100 AND REVISION LETTER.



10	110674-001 A	PLATE ATTACHMENT BUMPER	4
9	110673-001 A	VERTICAL TUBE BACKBONE MT	4
8	110681-001 A	GUSSET CB WEIGHT MT	16
7	110678-001 A	BUMPER TIEDOWN BAR	3
6	110677-001 A	TUBE BUMPER CURVE END	1
5	110604-001 A	BUMPER GUIDE	8
4	110676-001 A	TUBE BUMPER VERTICAL END	1
3	110605-001 A	BUMPER TUBE CAP	4
2	110675-001 A	TUBE BUMPER BOTTOM	2
1	110679-001 A	TUBE BUMPER SIDE	2
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

DO NOT SCALE DRAWING
INTERPRET DIMENSIONS AND
TOLERANCES BY AWS A5.16-1994
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

ANGULAR: ± .5°
FRACTION: ± 1/8
DECIMAL: .XX ± .05
XXX ± .015
HOLES: .300 ± .004
SURFACE: 6X
ROUGHNESS: 127
BREAK EDGES: .005 ± .001
CHAMFER OR RADIUS
FILLET RADIUS: .015 MAX

110505	40008/MARS
NEXT ASSY	USED ON
APPLICATION	

SOLIDWORKS FILE: 110597-100 A

CONTRACT NO.		PARTS LIST	
MATERIAL	APPROVALS	DATE	 WELDMENT BUMPER FRAME
	DRAWN	10 26 04	
	CHECKED		
	ISSUED	XXXXXX XX XXX XX	
ORIG RELEASE	SCALE	1:8	REF: NONE
	SHEET	1 OF 1	