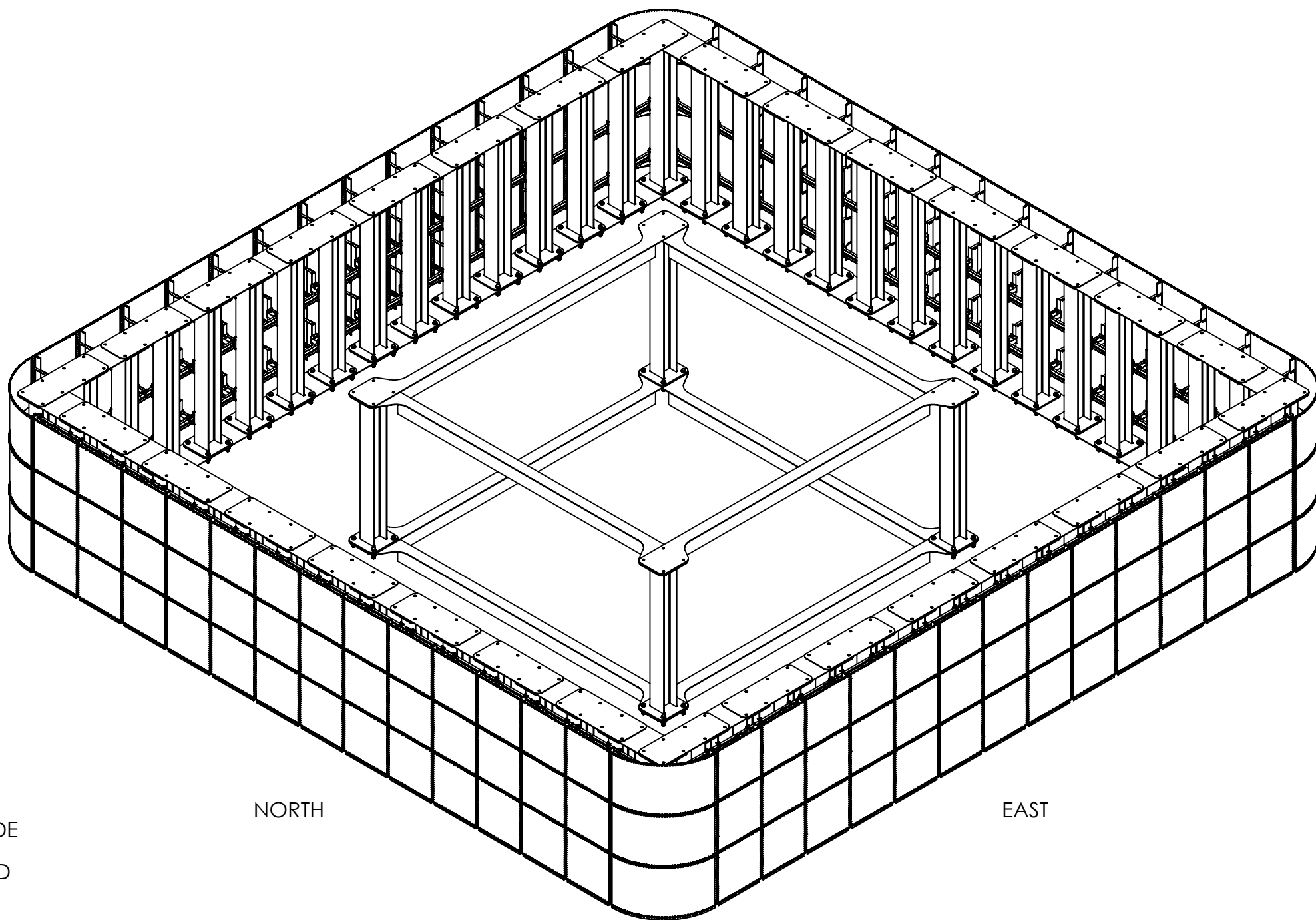
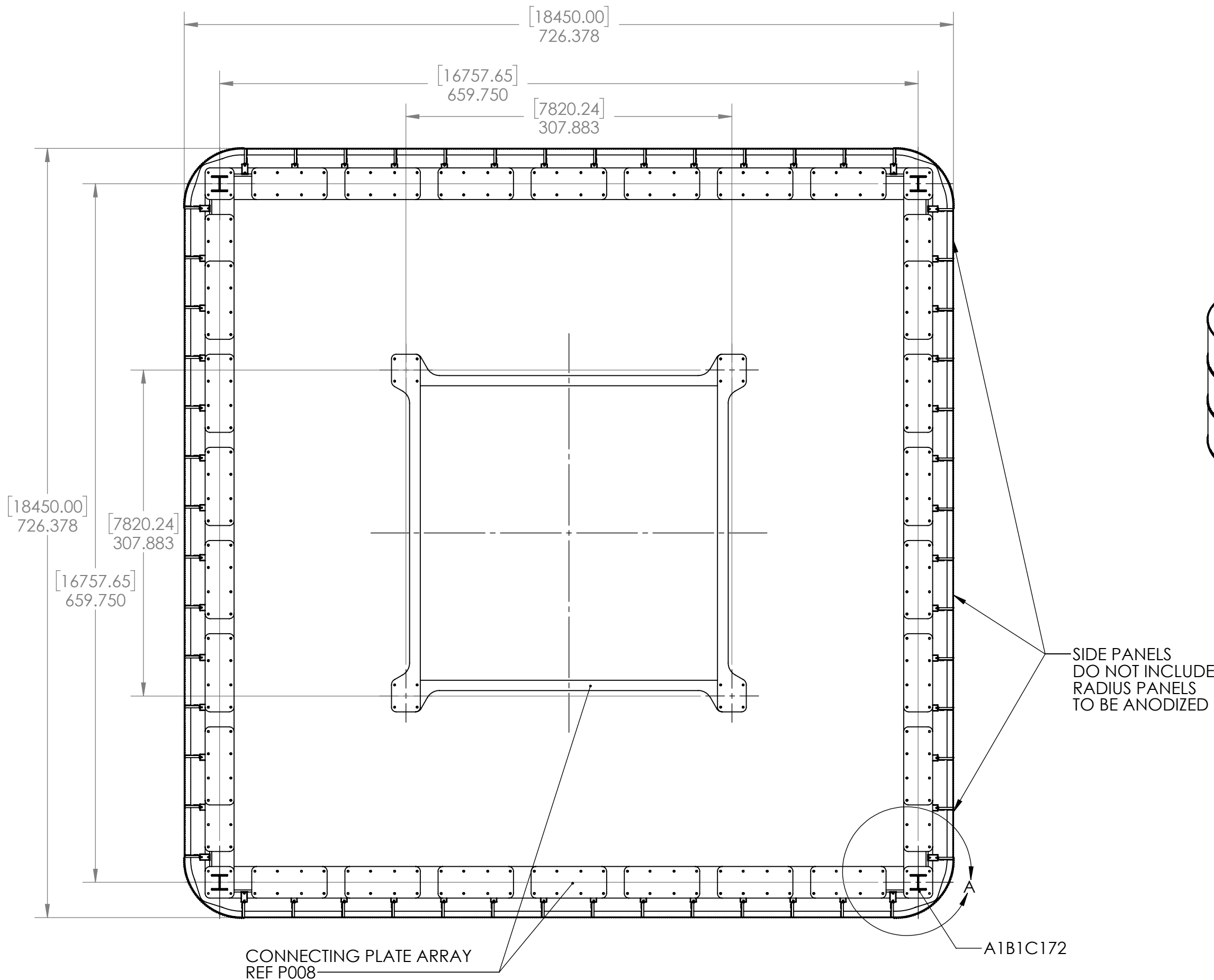
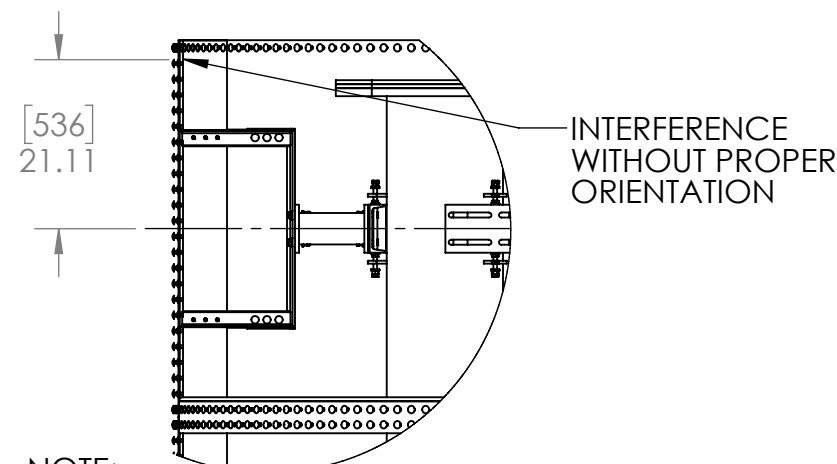


C

TOTAL WEIGHT W/O OXIDATION PROTECTION = 152,427[LBF]
TOTAL WEIGHT W/ GALVINIZATION AND WELDING = 166,000[LBF]

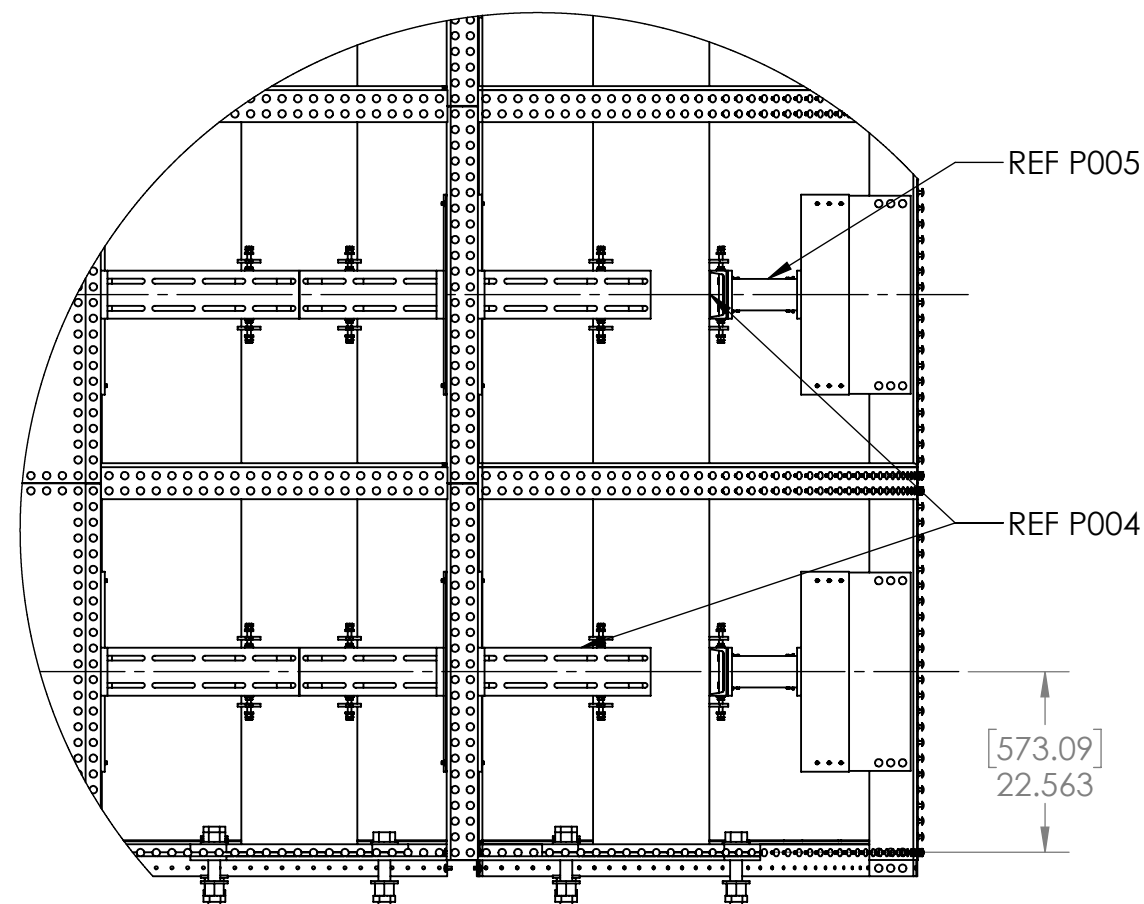
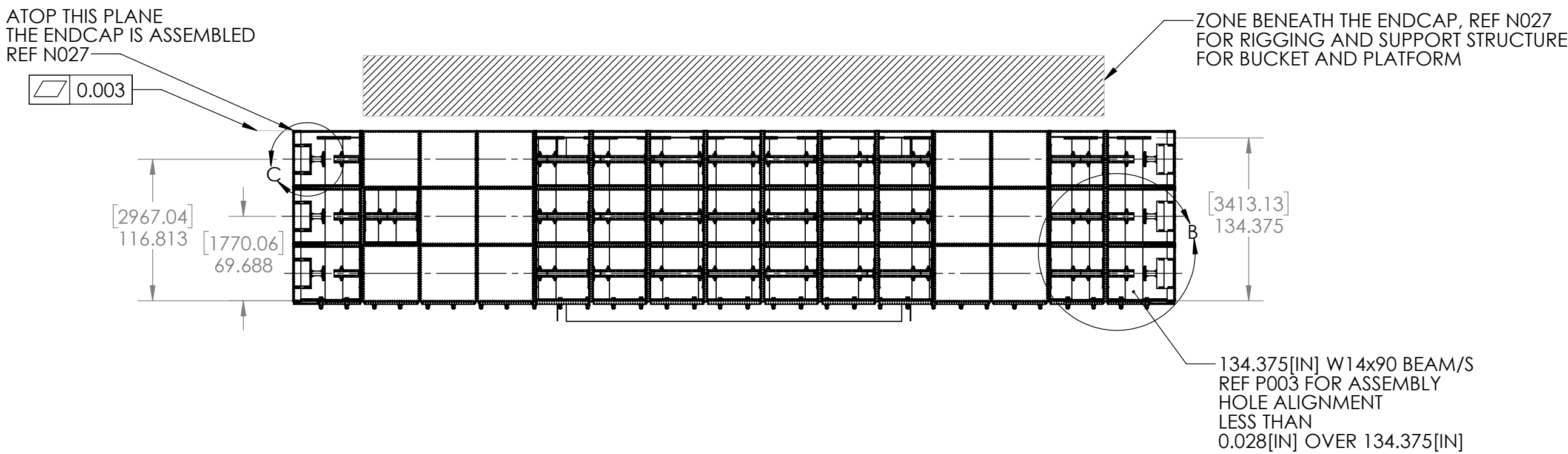


NOTE:
TOTAL ESTIMATED WEIGHT OF UPPER/HEAD PORTION 5,575,000[LBF]
SEGMENTS C141 THRU C172 PLUS ENDCAP (N027)
STANDARD PANEL RIVET USAGE 1,020,000[-]
TOTAL WEIGHT (W/O RIGGING)
OF ENTIRE GLORIOUS CROSS 238,500,000[LBF]

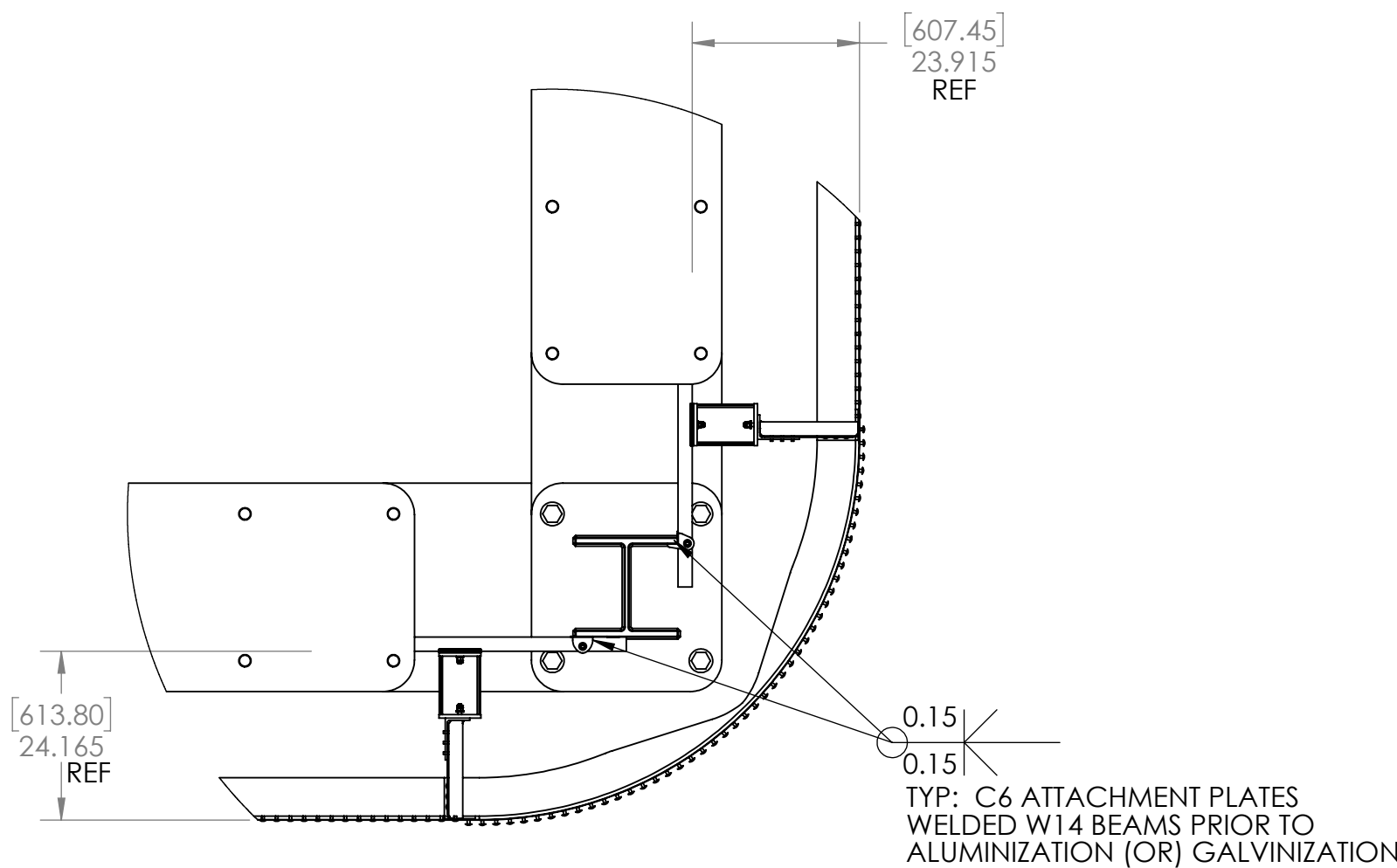


NOTE:
THE ORIENTATION OF THE RIBS IS CRITICAL OR
THE ENCAP RIBBING WITH INTERFERE BY 2.47[IN].
***ORIENTATION OF RIBBING TO CONFIRMED
PRIOR TO CONSTRUCTION.
THE RIBS MAY BE ROTATED 180[DEG]
TO MATE PROPERLY

SCALE 1 : 24



DETAIL B
SCALE 1 : 24



DETAIL A
SCALE 1 : 24

NOTE/S:
NO SHARP EDGES/CORNERS
W14, ASTM 913 G65
W6, Sy 42[KSI]
C6, Sy 36.3[KSI]
PLATE/S AISI 1045 Sy 75[KSI]
OXIDATION PROTECTION
POST WELDING/ASSEMBLY
ALUMINIZATION TYPE II (PREF)
GALV, ASTM123 G100 (OPT)
MASK MATING SURFACES
MASK BOLT HOLES
NO MASKING FOR W6 ASM/SHIMS
OIL-SHEEN, SAE 50+ PRIOR TO ASM
APPLY TO BEAR SURFACES ONLY
NO AGGLOMERATION
BOLT/S ASM G8, GALVINIZED OR TYPE II
MATING SURFACES PROTECTED FOR SHIPPING
POLY-FILM OR OTHER
PANEL/SKIN/SHELL
CLASS A, BRUSHED PATTERN, RANDOM, CIRCULAR SWIRL
MAXIMUM DEPTH 115[MICRO-IN] (0.000115[IN])
FLATNESS LESS THAN 0.001[IN]
SIDE/SIDE (AST/WEST) ANODIZED
RGB (26.4, 48.7, 54.6)
VERIFIED IN NATURAL LIGHT
AL T6061-T6, Sy 40[KSI] FOR CLASS A PANEL
AL ALLOY Sy 40[KSI] MIN FOR OTHER
RIVET/S AL ALLOY
CLASS B, AS-BUILT
CAD/DATA IS MASTER

EXAMPLE	EXAMPLE	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	FILED
ASME B1.1	16061-16	TOLERANCES:	DRAWN		
TEMP	1000[mm]	DIMENSIONS TAKEN AT 99°F	CHECKED		
TEMP	1000[mm]	TEMPERATURE TAKEN AT 151°F	ENG APPR.		
45.00	7.22	0.183	4.58		
99.90	5.00	0.01	0.183		
160.00	3.00	0.354	9.90		
EXAMPLE:	LET DIM = 47.125IN (16061-16)	THREE PLACE DECIMAL	Q.Q.A.		
47.125	0.0000131 IN	VERIFICATION OF COMPONENTS			
47.125	0.0000131 IN	MUST BE PERFORMED			
47.125	0.0000131 IN	TEMPERATURE COMPENSATION			
47.125	0.0000131 IN	TEMPERATURE TAKEN AT 99°F			
47.125	0.0000131 IN	TEMPERATURE PER: ASME Y14.5			
47.125	0.0000131 IN	PARALLEL PLACES MAX 0.002IN			
47.125	0.0000131 IN	PLACES MAX 0.002 IN			
47.125	0.0000131 IN	FINISH: AS REQUIRED			

TITLE: GLORIOUS CROSS
HEAD - C172 TOP BEAM
ARRAY, TO ENDCAP

SIZE	DWG. NO.	REV.
D	P - 009	1

SCALE: 1:96 SHEET 1 OF