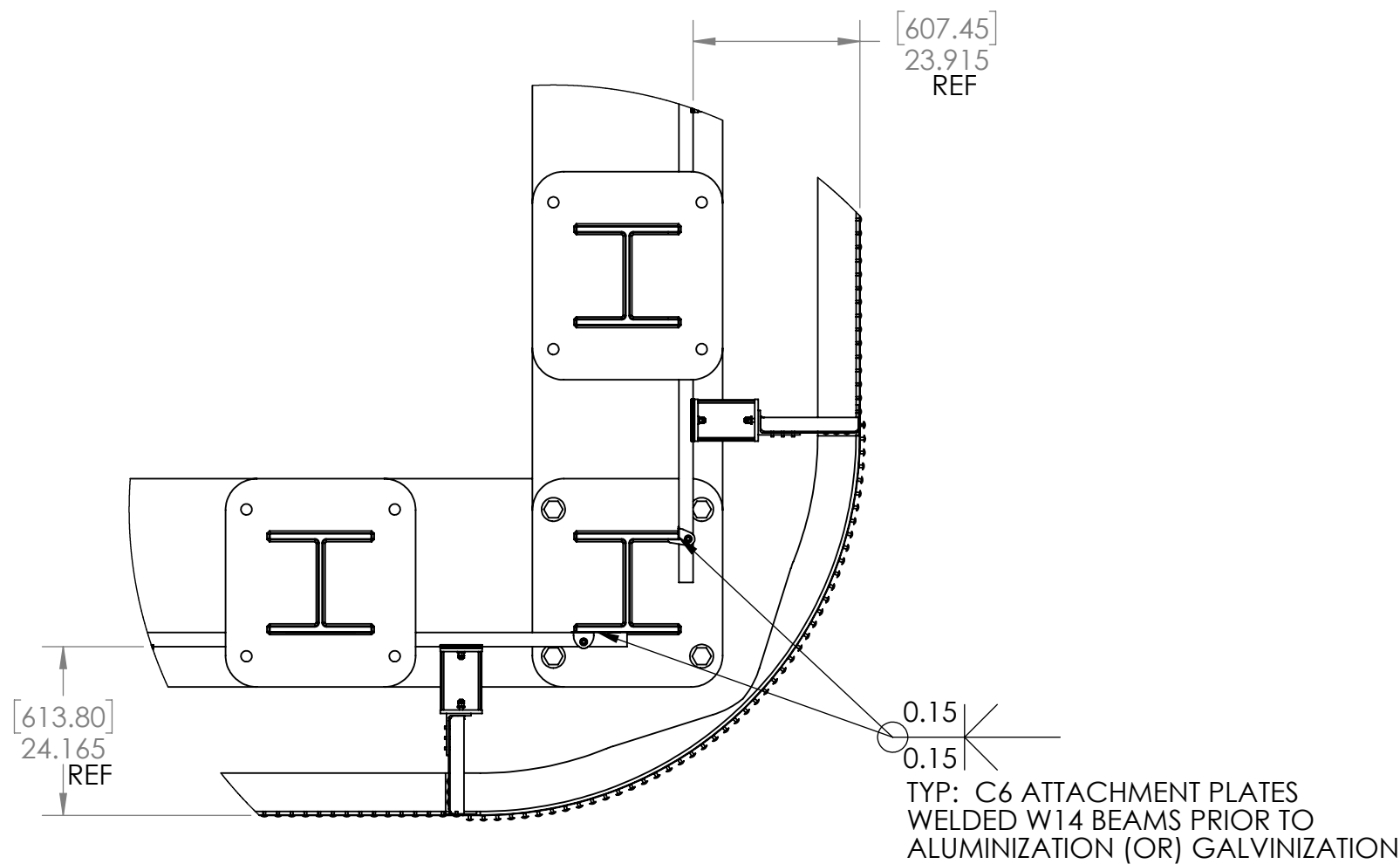
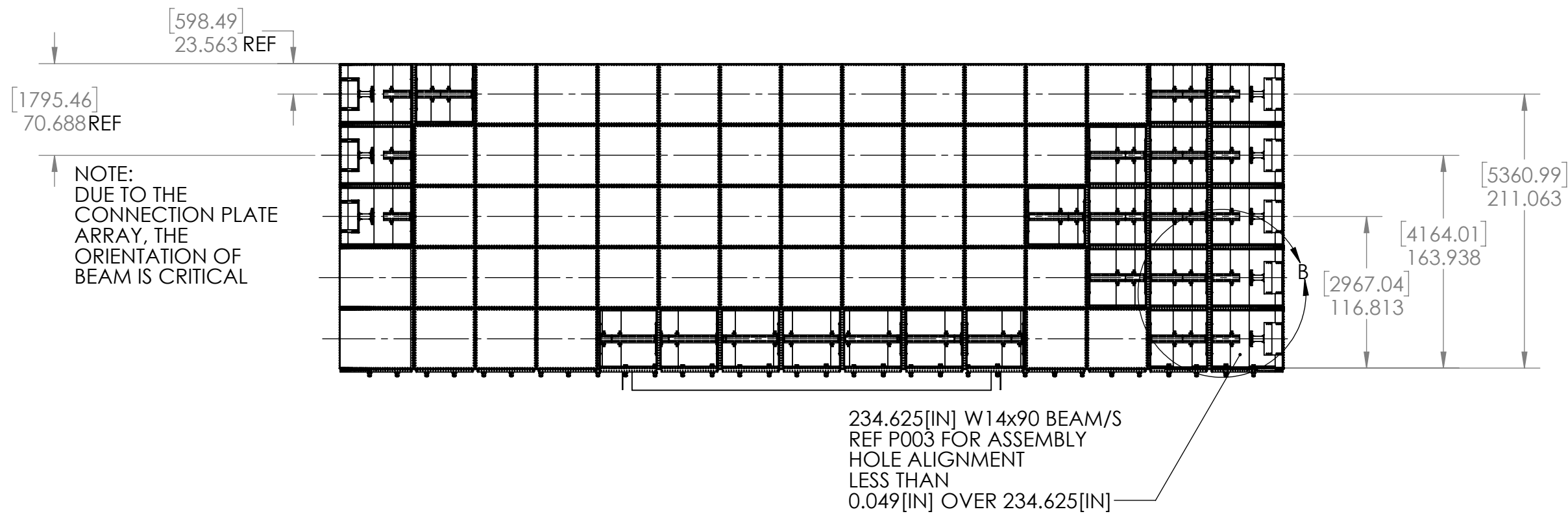
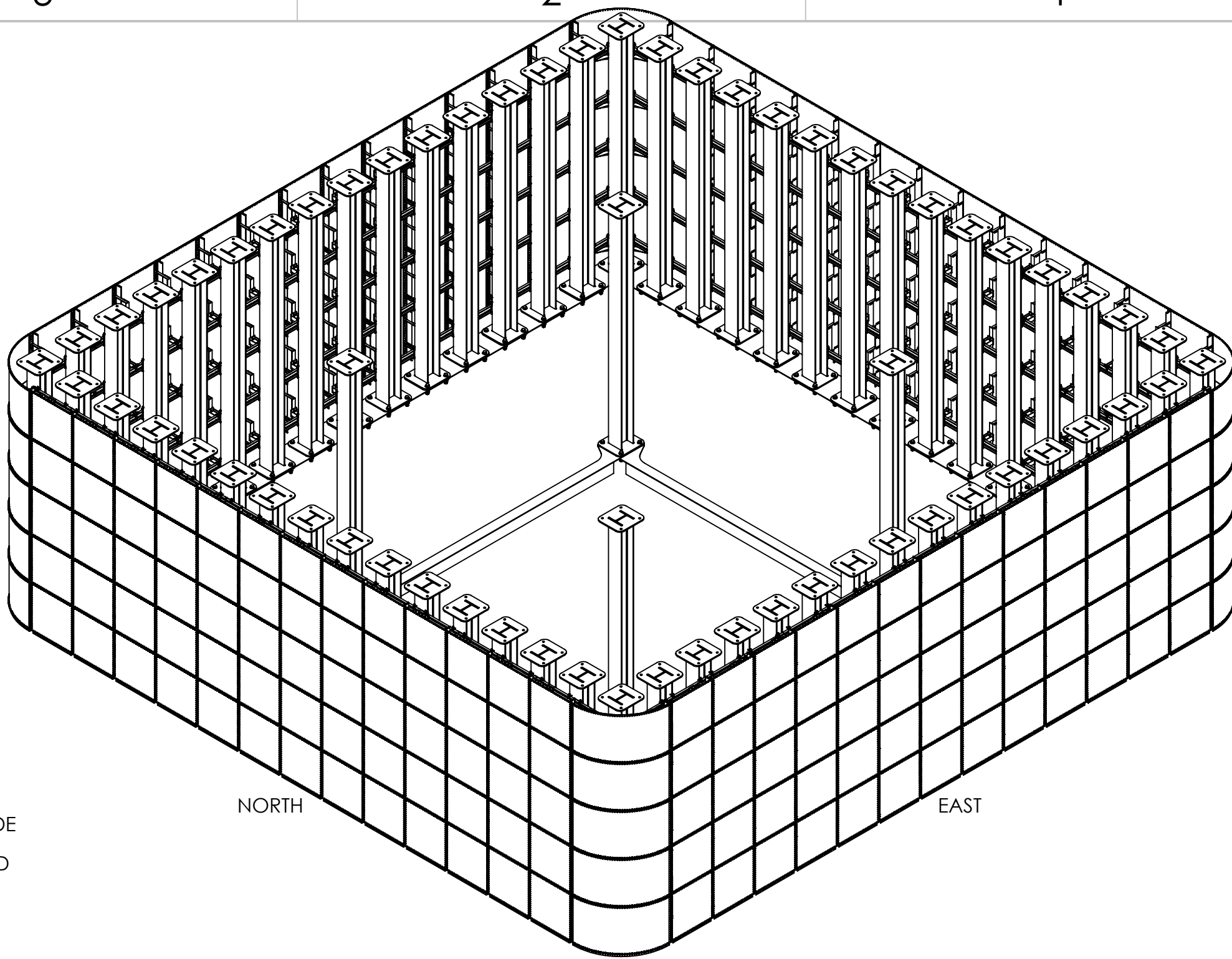
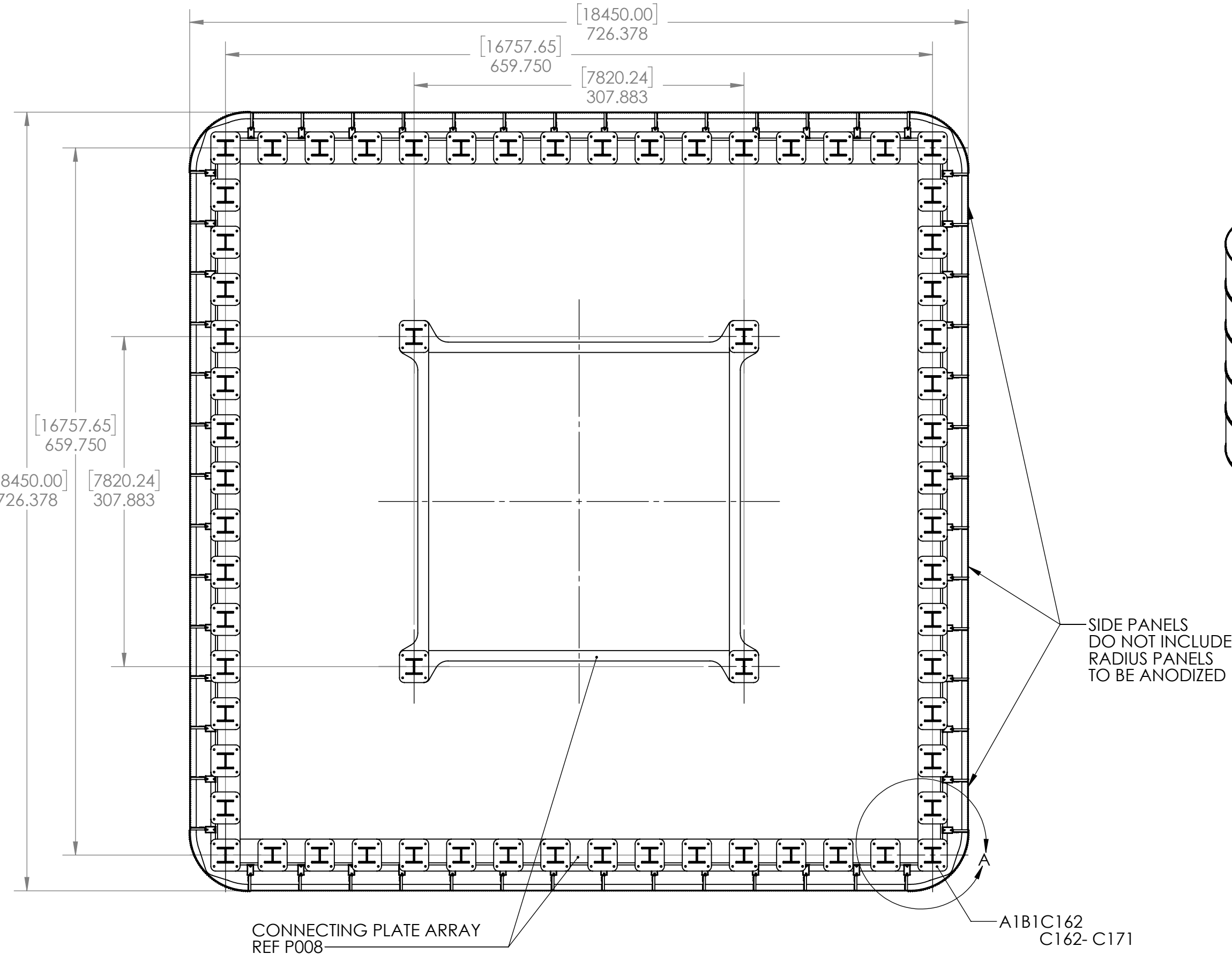
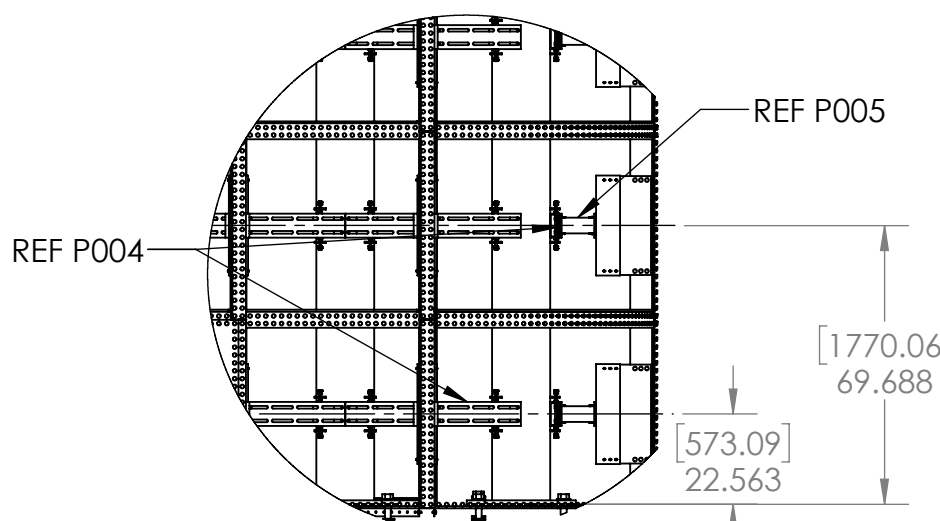


ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT	QTY.
1	Panel sq 47.125in 20200513 w550 w455 w370 w283 H2 H3 H4			260
2	Rivet Brazier head for Panel 20200510 w550 w455 w370 w283 H2 H3 H4			26640
3	Rib 31 20210118 w550 w455 w370 w283 H2 H3 H4			280
4	L2x2x0.125 3 20210118 w550 w455 w370 w283 H2 H3 H4			280
5	L2x2x0.125 3 20210118 w550 w455 w370 w283 H2 H3 H4			280
6	Plate Pnl sup 2 20210118 w550 w455 w370 w283 H2 H3 H4			280
7	Rivet Brazier 2t +0.0625 20210107 w550 w455 w370 w283 H2 H3 H4			1680
8	Rivet Brazier t+0.313+0.0625 20210104 w550 w455 w370 w283 H2 H3 H4			1680
9	LS6x3.5x0.312 2 20210118 w550 w455 w370 w283 H2 H3 H4			280
10	W6x9 1 20210118 w90 H2 H3 H4			140
11	Plate pnl sup 3 20210118 w550 w455 w370 w283 H2 H3 H4			560
12	Shim Plate 30 1 pnl 20210120 w550 w455 w370 w283 H2 H3 H4			280
13	Shim Plate 30 2 pnl 20210120 w550 w455 w370 w283 H2 H3 H4			280
14	Shim Plate 30 3 pnl 20210120 w550 w455 w370 w283 H2 H3 H4			280
15	Shim Plate 30 4 pnl 20210120 w550 w455 w370 w283 H2 H3 H4			280
16	Plate pnl was 1 20210120 w550 w455 w370 w283 H2 H3 H4			280
17	91286A377			1120
18	98180A150			4640
19	93827A249			2320
20	93839A825			3520
21	Rib 32 20210118 w550 w455 w370 w283 H2 H3 H4			260
22	Rivet Brazier 3t 20200514 w550 w455 w370 w283 H2 H3 H4			1680
23	W6x9 1 20210118 w90 H2 H3 H4			140
24	Rib Radius 3 20200515 w550 w455 w370 w283 H2 H3 H4			20
25	Rib Radius 30 20210120 w550 w455 w370 w283 H2 H3 H4			20
26	W14x90 1 20210728 H2 H3 H4			64
27	Plate w14x90 20210728 H3 H4			128
28	bolt 1.50in 8tpi 8.0L HD 1 20210728 w90 H3 H4			256
29	nut 1.50in 8tpi HD 1 20210527 H3 H4			256
30	wash 1.5in HD 1 20210527 h3 H4			512
31	nut 1.50in 8tpi HD 1 half 20210527 H3 H4			256
32	C6x10.5 2 20210312 w455 w370 w283 H2 H3 H4			300
33	Plate bolt hold 1 20210312 w455 w370 w283 H2 H3 H4			600
34	Plate bolt hold 2 20210315 w455 w370 w283 H2 H3 H4			600
35	Plate C6bk 1 20210315 w455 w370 w283 H2 H3 H4			900
36	Thread rod madetoOrd 0.5x12 - 20tpi w550 w455 w370 w283 H2 H3 H4			600
37	Plate connect 1 20210527 w193 cH3 H4			30
38	Plate connect 2 20210527 w193 cH3 H4			30
39	Conct inner 1 20210729			2
40	Conct inner 1 20210729			2

TOTAL WEIGHT W/O OXIDATION PROTECTION = 191,257[LBF]
TOTAL WEIGHT W/ GALVINIZATION AND WELDING = 206,000[LBF]



DETAIL A
SCALE 1 : 24



DETAIL B
SCALE 1 : 48

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 TEMP 45.00 59.00 84.00	EXAMPLE TEMP 7.22 15.00 30.00	EXAMPLE TEMP -0.183 0.0 0.354	EXAMPLE TEMP -4.658 0.0 8.984	UNLESS OTHERWISE SPECIFIED: TOLERANCES: DIMENSIONS TAKEN AT 59[F] DIMENSIONS TAKEN AT 15[C] FRACTIONAL ±0.15[IN] ANGULAR: 0.315[DEG] TWO PLACE DECIMAL ±0.05[IN] THREE PLACE DECIMAL ±0.005[IN] Q.A. VERIFICATION OF COMPONENTS MUST BE PERFORMED WITH TEMPERATURE COMPENSATION INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 Gauges: DRAWINGS ARE AT 59[F] (15[C]): REFER TO MATERIAL SUPPLIER FOR THERMAL EXPANSION COEFFICIENT [CTE] d[IN] = [DIM]*[CTE1/[R]]*[TEMP-59] d[IN] = [DIM]*[CTE1/[R]]*[TEMP-15] **TOLERANCES DO NOT CHANGE	NAME	DATE	CREO DESIGNS, ENG DPT
DRAWN	CHECKED	ENG APPR.	MFG APPR.				TITLE: GLORIOUS CROSS
							HEAD - C162 THRU C171 BEAM ARRAY/S
SIZE	DWG. NO.	REV					
D	P - 007	1					
SCALE: 1:96							SHEET 1 OF 1