

ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT	QTY.
1	Panel sq 47.125in 20200513			52
2	Rivet Brazier 2t 20200514			4784
3	Coil Conct Base i 20200531			56
4	Coil Connect ii 20200531			56
5	Coil Connect brace 20200601			56
6	Rivet Brazier 2t 0.125in 20200604			1568
7	Rod connect 10 20200904			112
8	Clevis key 1a 20200904			224
9	Bent pin 2 20200904			224
10	98450A774			224
11	Clevis wash 1a 20200904			336
12	Clevis block 1 20200907			224
13	Rib 9 20200530			39
14	Rivet Brazier 4t 20200514			2080
15	Rib 10 20200603	SIDES/BOTTOM dX TRANSITION RIB		42
16	Rib Radius 3 20200515			4
17	Rivet Brazier head for Panel 20200510			544
18	Rib Radius 11 Copy 20210108			2
19	Rib Radius 15 Copy 20210108			1
20	Coilbeam attach Ledge ii Copy 202010108			1
21	Rib Radius 14 Copy 20210108			1
22	Coilbeam attach Ledge i Copy 20210108			1
23	Rib 10 20200603	TOP dX TRANSITION RIB		14
24	Rib 11 20200607			13

TOTAL WEIGHT OF (x1) SUB-ASM = 6,459[LBF]

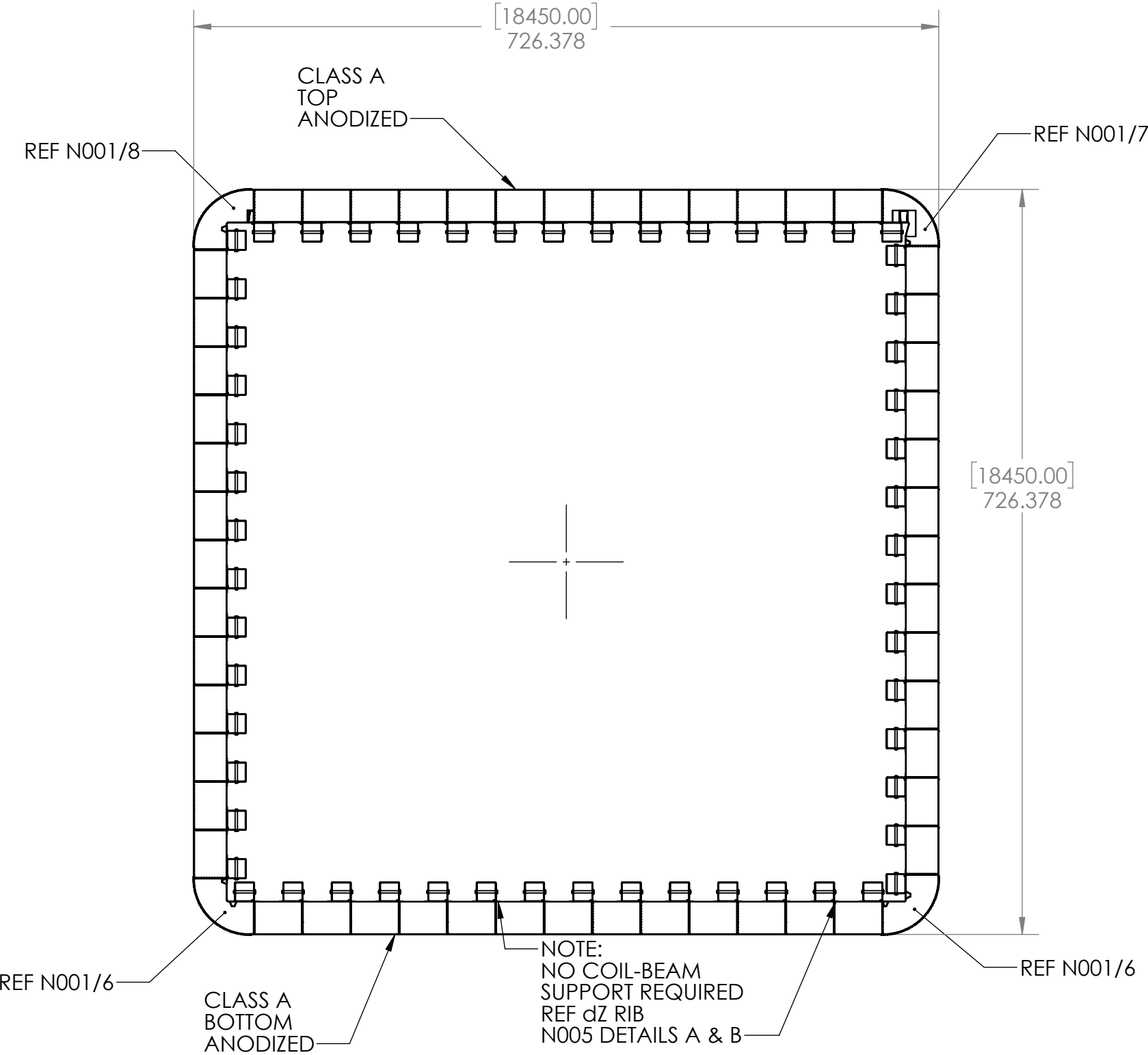
ATTACHED RIVETED/PINNED AS REQUIRED TO SEG - 7 REF N010

ATTACHED RIVETED/PINNED AS REQUIRED SUBSEQUENT SUB-ASM FOR SEGMENT 8

PANEL MATING PLANE TO SEG - 7 X(4) = 0

REF N002

SECTION A-A

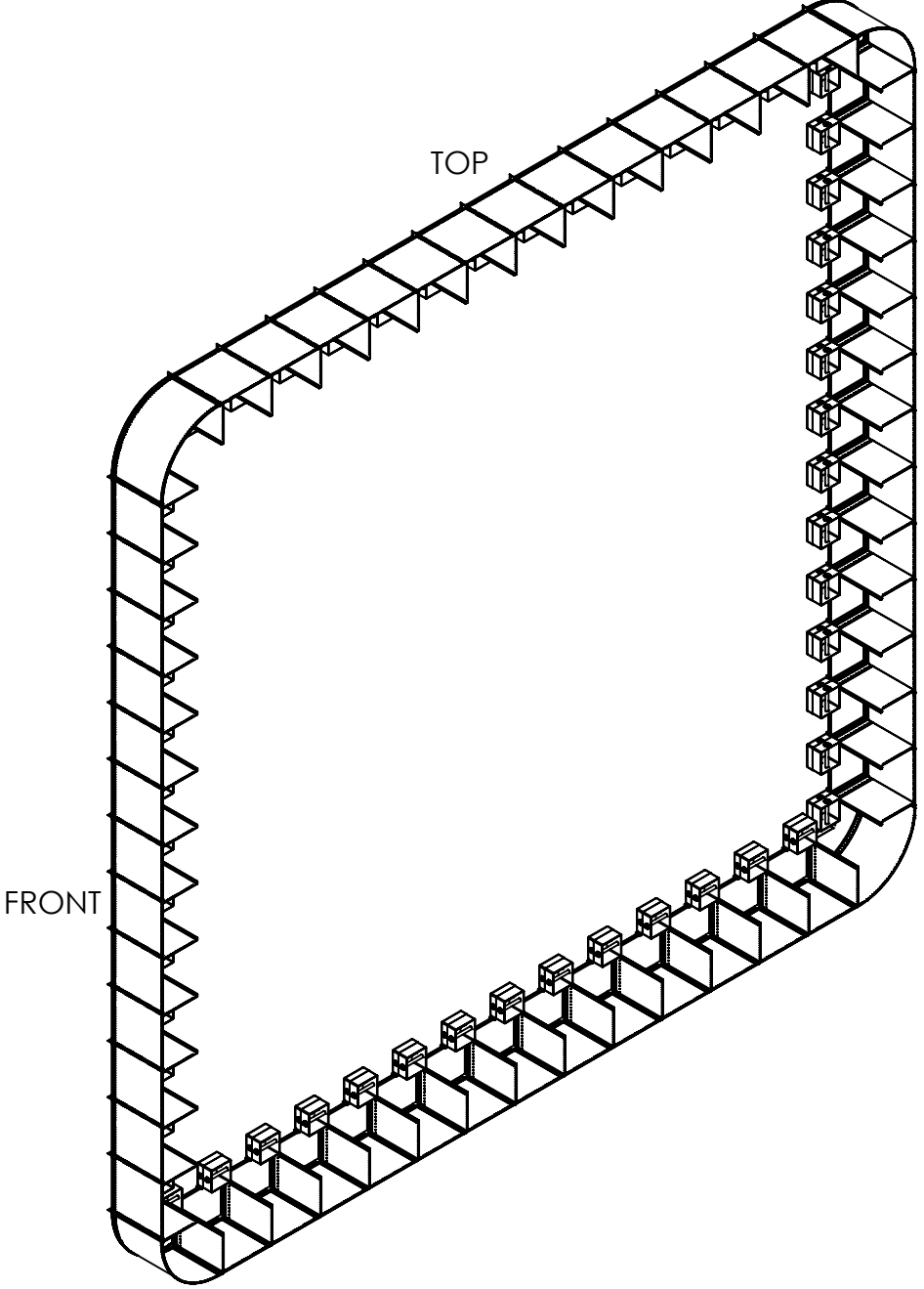


CONNECTION COIL REF N004 CROSS-SECTIONAL SECTION - (6 THRU 7) COIL AREA 17.9[IN2] (11,600[MM2]) LONG-LENGTH 144[IN] (3,650[MM])

NOTE: NO COIL-BEAM \*\*\*NEW dX RIB REF N012

SECONDARY PIN THOUGH NOT NECESSARY IS PREF

DETAIL B SCALE 1 : 32



NOTE/S:  
NO SHARP EDGES/CORNERS  
(x1) SUB-ASM COMPLETES 7TH SEGMENT  
EACH SEGMENT CONSISTS OF (x8) SUB-ASM  
TOTAL LENGTH = 47.125[IN]  
Xcg = 8[IN]  
Ycg = 0[IN]  
Zcg = -1[IN]

FORM/SHAPE OF CLASS B PARTS ARE IDEALIZED  
ACTUAL TOOLING DRAFT MAY VARY OUTSIDE OF PRINT/TOLERANCE  
RIVET/MATING SEGMENTS/ZONES SEPARATION/S TO BE LESS THAN 0.045[IN]  
WHERE THE AXIS OF THE RIVET/SARE COLINEAR, THE RIVET-HOLE/S ARE IN-LINE  
NO GAP/S ALLOWED AFTER RIVETING  
AL, T6061-T6, Sy 40[KSI] MIN  
AL, ALLOY, Sy 40[KSI] MIN  
CLASS B, AS-BUILT  
CLASS A, REF A001, D001  
CAD/DATA IS MASTER

EXAMPLE: AMBIENT TEMP [F]	EXAMPLE: AMBIENT TEMP [C]	EXAMPLE: DIM PER 1000[IN]	EXAMPLE: DIM PER 1000[mm]	UNLESS OTHERWISE SPECIFIED: TOLERANCES: DIMENSIONS TAKEN AT 59[F]	DRAWN	NAME	DATE	CREO DESIGNS, ENG DPT
45.00	7.22	-0.183	-4.658	DIMENSIONS TAKEN AT 15[C]	CHECKED			TITLE: GLORIOUS CROSS
59.00	15.00	0.0	0.0	FRACTIONAL ±0.15[IN]	ENG APPR.			ARM - 6/7TH SEGMENT TRANSITION ARRAY
84.00	30.00	0.354	8.984	ANGULAR: 0.3[DIG]	MFG APPR.			SIZE DWG. NO. REV
EXAMPLE: LET DIM = 47.125[IN] (16061-16)				TWO PLACE DECIMAL ±0.05[IN]				D N - 011 1
dL = 0.000031[IN] (84 - 59) 0.155				THREE PLACE DECIMAL ±0.05[IN]				SCALE: 1:128 SHEET 1 OF 1
dL = 0.0167[IN] (0.4234[mm])				VERIFICATION OF COMPONENTS MUST BE PERFORMED WITH TEMPERATURE COMPENSATION				
AT 84[F] THE DIMENSION OF THE PART IS 47.125 ± 0.0167 ± 0.142[IN]				INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5				
GALVANIC PROTECTION REQUIRED: ALUMINIZE TYPE II PREFERRED GALV WHITE C100 ACCEPTABLE THERMAL SPRAY AS/FOR ASSEMBLED				PARALLEL PLANES MAX 0.002[IN] FLATNESS MAX 0.002[IN] FINISH: AS REQUIRED				
				GAUGES: DRAWINGS ARE AT 59[F] (15[C]): REFER TO MATERIAL SUPPLIER FOR THERMAL EXPANSION COEFFICIENT [CTE]				
				dL[ENG] = (DIM)*[CTE1][F]/[TEMP-59]				
				dL[IN] = (DIM)*[CTE1][F]/[TEMP-15]				
				***TOLERANCES DO NOT CHANGE				