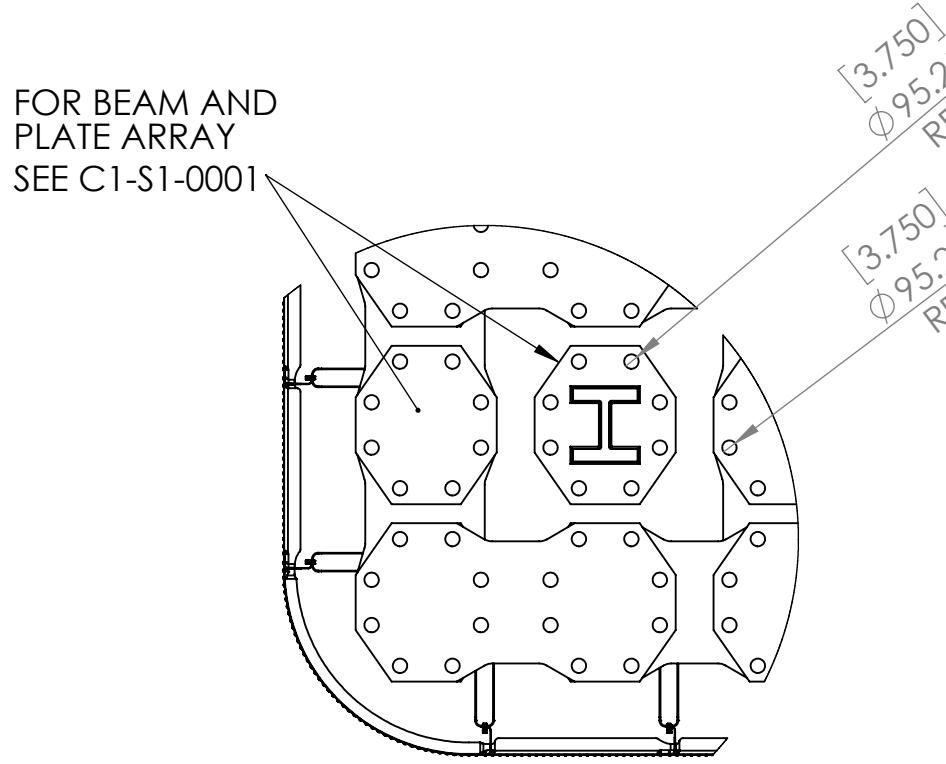
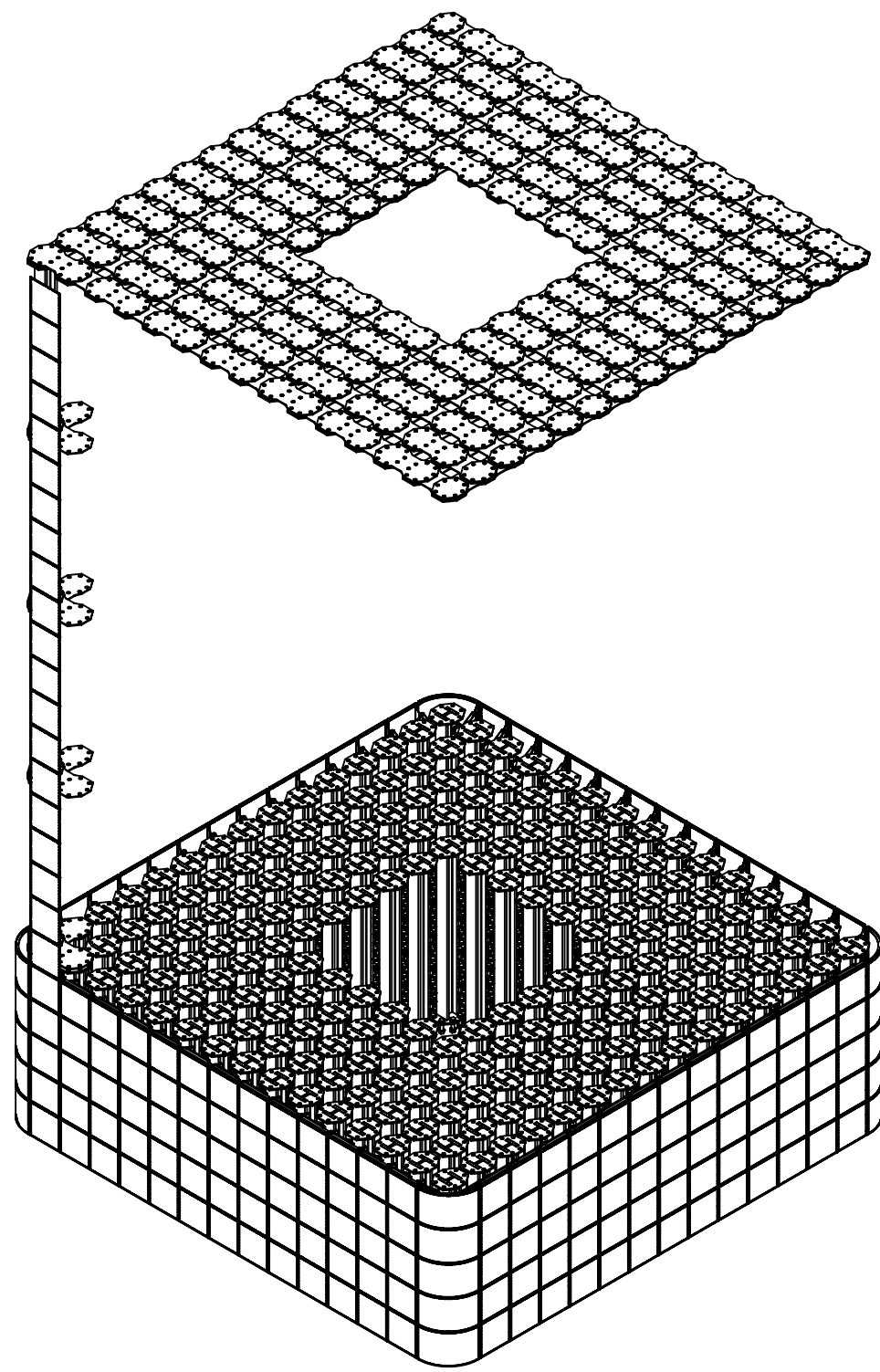
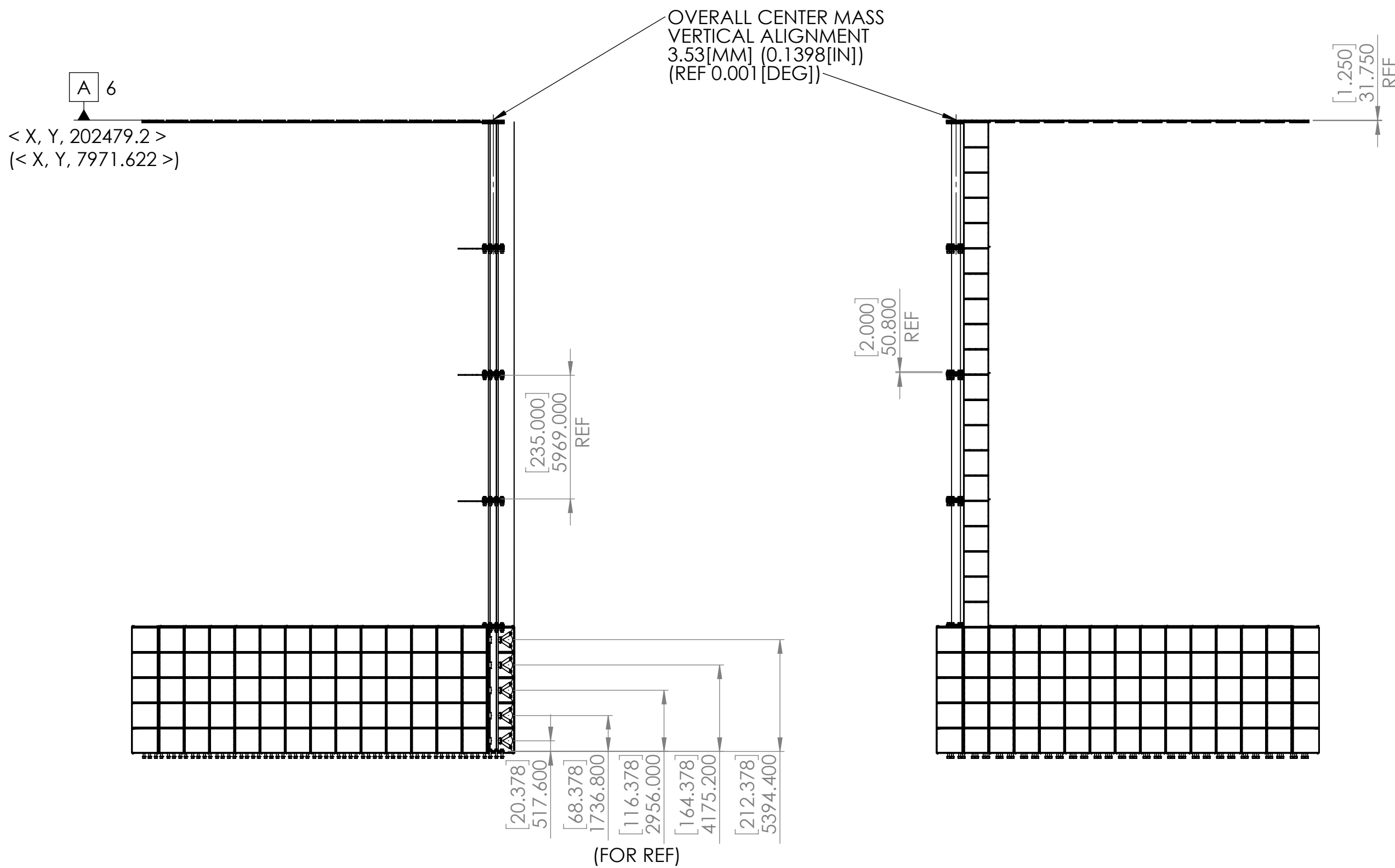
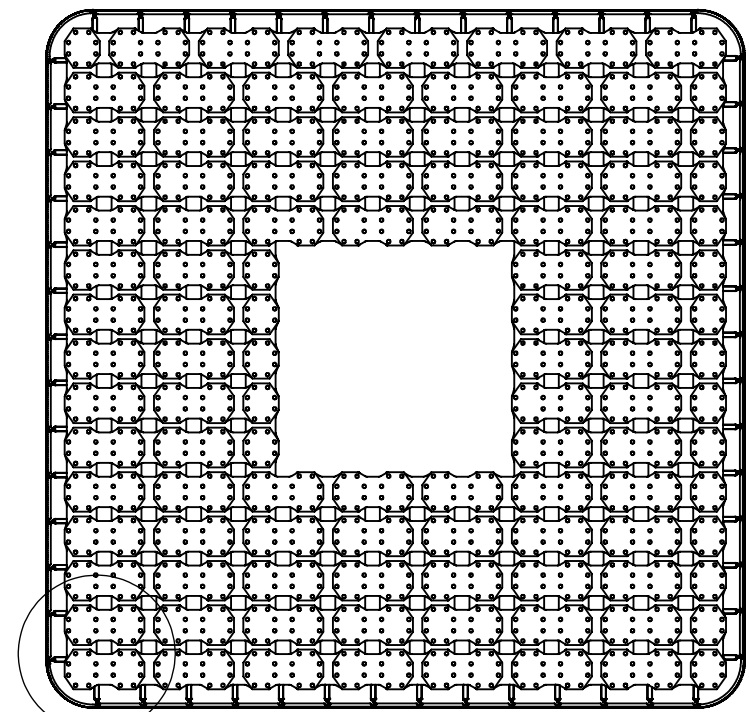


24	23	22	21	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	
T	1	PLATE BLANK 1.25IN Z6	80	
	2	PLATE BLANK 1.25IN EW Z6	180	
	3	PLATE BLANK 1.25IN NS Z6	180	
	4	Beam W14x455 Z6	204	
	5	Plate Beam Z6	408	
	6	Bolt 3.5x13tpi 15.5in	1632	
	7	Nut 3.5x13tpi	1632	
	8	Washer 3.5in 0.125	3264	
R	9	PNL 48X48X0.0625IN AL R5	280	
	10	RIB VERTICAL STD PNL R5	280	
	11	RIB HORIZONTAL STD PNL R5	260	
P	12	PNL MOUNT BRACE TO C10 R5	0.25[IN] ONE PIECE BOX - BRACE	280
	13	91236A720_2in 13tpi Zinc 5		1680
	14	93286A049		3360
	15	95462A033		3360
	16	Shim Brace R1	A36 GALVINIZED	280
	17	BrazierRivet 0.375in L-0.78		27600
	18	RIB VERTICAL SHORT Arm PNL R1		260
	19	PNL STD R48.2X0.0625IN		20
N	20	RIB HORZ Rivet R48.2X0.125IN R2		20
	21	RIB HORZ RIB-F R48.2X0.125IN R2		20
	22	PLATE BEAM 1.25IN BLANK Z6		8
M	23	PLATE BEAM 1.25IN EW Z6		4
	24	PLATE BEAM 1.25IN NS Z6		4
	25	C10 to Beam Sup 1	EAST/WEST PANEL ATTACHMENT (NORTH TO SOUTH)	140
L	26	93673A525	18-8 Stainless Steel Headless Clevis Pin	560
	27	91152A033	SPACER/WASHER ANGLED	560
	28	Washer Level 0.5in C10 R1	SPACER/WASHER/ANGLED	560
	29	Washer Spacer 0.5in R1	SPACER/WASHER	560
K	30	TS8x2x0.1875 Rec Tube 1	C10 SUPPORT	280
	31	C10 to Beam Sup 1	NORTH/SOUTH PANEL ATTACHMENT (EAST TO WEST)	140
	32	TS8x4x0.1875 Rec Tube 1	C10 SUPPORT	280



DETAIL A
SCALE 1 : 50



- (NOTES)
- W14 BEAM ARRAY: REF C1-S1-001
 - BEAM CENTERLINES MATCH
 - BOLT HOLES ARE IN CONDUCTION WITH BOLTS
 - PLATE THICKNESS REDUCES WITH HEIGHT
 - CORROSION RESISTANCE IS REQUIRED
 - ELECTROPLATING (EP): PREFERRED OVERALL, MINIMUM THICKNESS 25[μM] (0.001[IN])
 - THERMAL SPRAY: PREFERRED FOR TOUCH-UPS
 - ZINC PAINTS: AREAS WITH PAINT NEED TO BE LOGGED FOR MAINTENANCE
 - HOT DIP GALVANIZING, AVERAGE THICKNESS 85[μM] (0.003[IN]) (WHERE EP IS NOT POSSIBLE)
 - W14 BEAMS ASSEMBLIES: ASTM A913 G65, GALVINIZED
 - C10 CHANNELS: ASTM A572-50, GALVINIZED
 - INTERCONNECTING PLATES: ASTM A913 G65, GALVINIZED
 - BOLTS: ASTM F3125 (A490), TYPE 3, GALVINIZED
 - STEEL PARTS AND PINS: ASTM A572 G50, GALVINIZED
 - ALUMINUM PARTS AND PINS: ASTM B209 6061-T6 OR 7075-T6
 - ALUMINUM PANELS AND ITS PARTS: ASTM B209 7075-T6
 - BEAM HORIZONTAL ALIGNMENT 0.001[DEG], 0.20[MM] (0.01[IN]) OVER 16.5[M]
 - BEAM VERTICAL ALIGNMENT 0.001[DEG], 12.9[MM] (0.507[IN]) OVER 738[M]
 - SEE A1-0001 FOR ARCHITECTURAL REQUIREMENTS
 - W14 CONNECTION PLATES
 - BOLT CLEARANCE: HOLES PREFERRED 6[MM] (0.25[IN]) LARGER THAN BOLT OR PIN
 - MATING FACES MAY HAVE THIN LAYER OF OIL APPLIED
 - GAGES TO BE CONSTRUCTED PER TEMPERATURE SPECIFICATION (15[C] OR 59[F])
 - BLIND RIVETS ARE NOT SHOWN; D33 REQUIRED PER MATING CORNER
 - ALUMINUM 5052-H32 (MIN STRENGTH)
 - TENSILE STRENGTH 2.670[N] (600[LBF])
 - SHEAR STRENGTH 2.000[N] (450[LBF])
 - SHEAR STRENGTH 2.000[N] (450[LBF])
 - BEAM CENTER MASS CALCULATION METHOD (OTHER VARIATIONS POSSIBLE)
 - CHOOSE (X4) SIDES OF THE BASE PLATES IN QUESTION
 - CALCULATE THE OFFSET OF EACH SIDE
 - TAKE THE MEAN FOR THE VERTICAL ALIGNMENT
 - EACH CORNER BEAM AND THREE BEAMS BETWEEN EACH CORNER MUST BE EVALUATED
 - A LAYER CONTAINS
 - 280 FLAT PANELS
 - 20 RADIUS PANELS
 - SEE A1-S1-0003.4 FOR C10 AND PANEL DETAILS

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