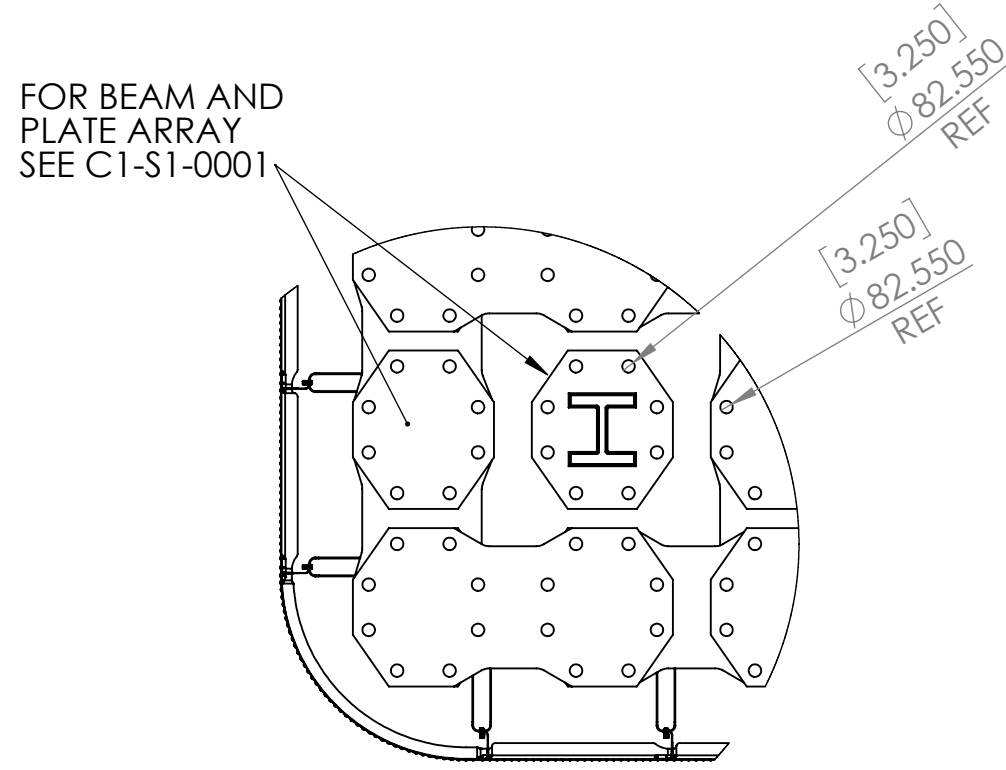
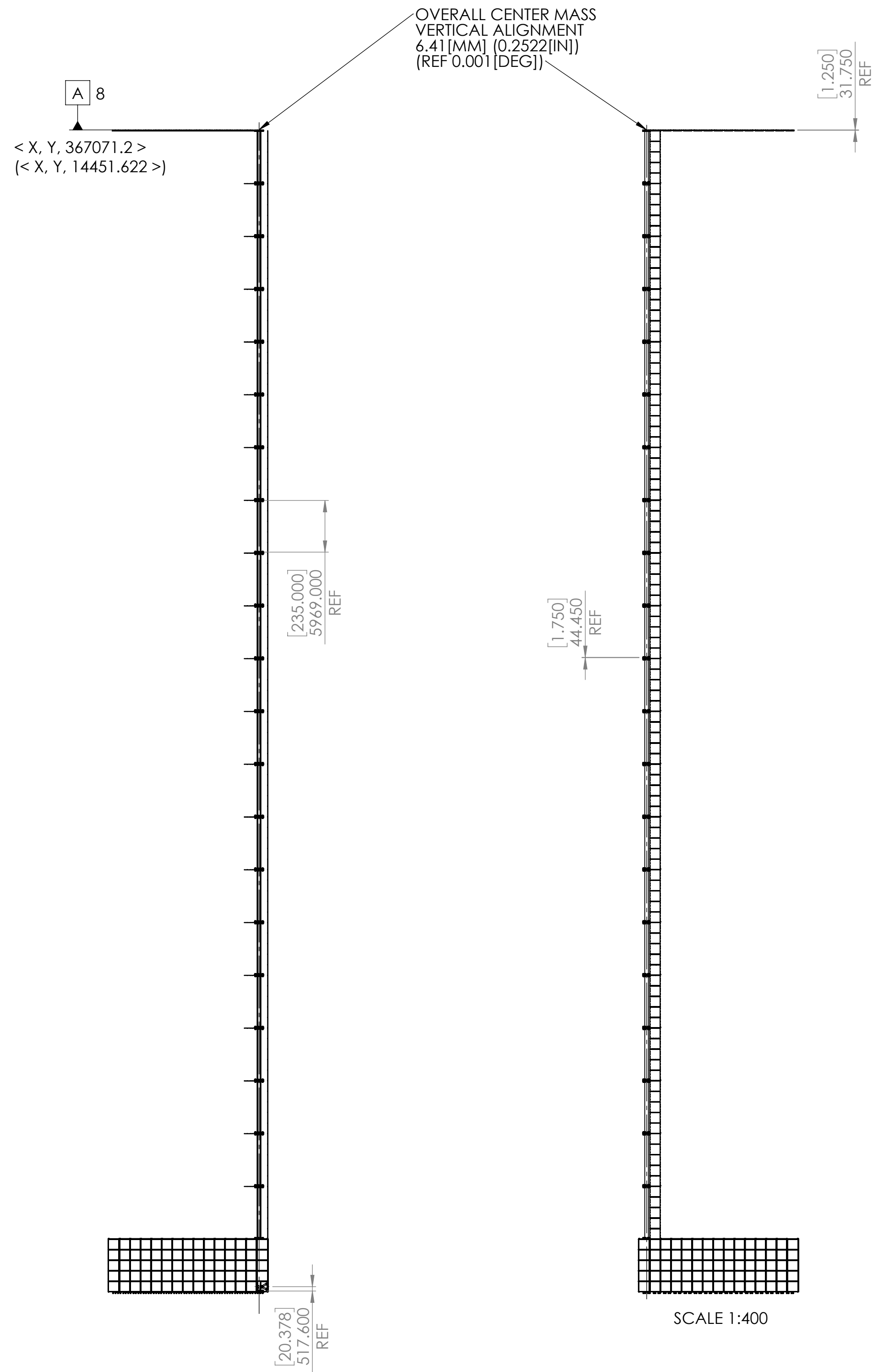


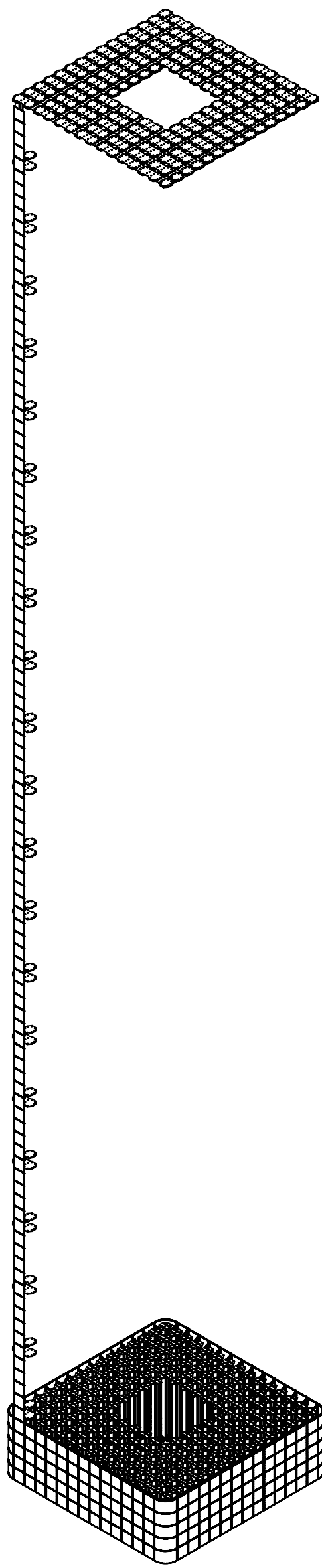
24	23	22	21
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Beam W14x370 Z8		221
2	Plate Beam w370 Z8		442
3	Bolt 3.0x13tpi 12.75in		1768
4	Nut 3.0x13tpi		1768
5	Washer 3.0in 0.125		3536
6	PNL 48X48X0.0625IN AL R5		365
7	RIB VERTICAL STD PNL R5		280
8	RIB HORIZONTAL STD PNL R5		260
9	PNL MOUNT BRACE TO C10 R5	0.25[IN] ONE PIECE BOX - BRACE	280
10	91236A720_2in 13tpi Zinc 5		1680
11	93286A049		3360
12	95462A033		3360
13	Shim Brace R1	A36 GALVINIZED	280
14	BrozierRivet 0.375in L-0.78		27600
15	RIB VERTICAL SHORT Arm PNL R1		260
16	PNL STD R48.2X0.0625IN		20
17	RIB HORZ Rivet R48.2X0.125IN R2		20
18	RIB HORZ RIB-F R48.2X0.125IN R2		20
19	PLATE BLANK 1.25x3in Z7		122
20	PLATE BLANK 1.25x3.0IN EW Z7		201
21	PLATE BLANK 1.25x3.0IN NS Z7		201
22	C10 to Beam Sup 1	EAST/WEST PANEL ATTACHMENT (NORTH TO SOUTH)	140
23	93673A525	18-8 Stainless Steel Headless Clevis Pin	560
24	91152A033	SPACER/WASHER ANGLED	560
25	Washer Level 0.5in C10 R1	SPACER/WASHER/ANGLED	560
26	Washer Spacer 0.5in R1	SPACER/WASHER	560
27	TS8x2x0.1875 Rec Tube 1	C10 SUPPORT	280
28	C10 to Beam Sup 1	NORTH/SOUTH PANEL ATTACHMENT (EAST TO WEST)	140
29	TS8x4x0.1875 Rec Tube 1	C10 SUPPORT	280



DETAIL A
SCALE 1 : 50



SCALE 1:400



- 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 GALVINIZING, AVERAGE THICKNESS 85[μM] (0.003[IN]) (WHERE EP IS NOT POSSIBLE)
 - W14 BEAMS ASSEMBLIES: ASTM A913 G65, GALVINIZED
 - C10 CHANNELS: ASTM A375-50, 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; 1X3 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-S1-00034 FOR C10 AND PANEL DETAILS

DESIGN COVERAGES PROVIDED		LOCATION: FRANCE, ROMANOV, DUBNO		DESIGN AND BEAM SHAP		DO NOT SCALE DRAWING		REVISION	
ALL TOLERANCES: UNLESS OTHERWISE SPECIFIED AT 100% (REF)		DESIGN: HILL, PPT21212121212121212121		DESIGN: HILL, PPT21212121212121212121		FILE:		CREO DESIGN	
TOLERANCES: 1% (REF)		DESIGN: HILL, PPT21212121212121212121		DESIGN: HILL, PPT21212121212121212121		TITLE:		W14X370 LAYERS	
								DESIGN CRITERIA	
								BEAM ASM	
								PANELS/SKIN	
						</			