REV	DESCRIPTION	DRN	CHK	APP	DATE
1	ADD ITEMS 38, 39 AND 40	RFB	RFB		4/10/96

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. EXCEPT AS NOTED, DIMENSIONS ARE IN MILLIMETERS.

2. TIGHTEN BOLTS BY THE 'TURN OF THE NUT METHOD' AS RECOMMENDED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AT FIELD.

3. MARK THIS ITEM A0.
MARK OTHER INNER WEDGES A1 - A5 IN THE CW DIRECTION AS SEEN IN THIS VIEW.

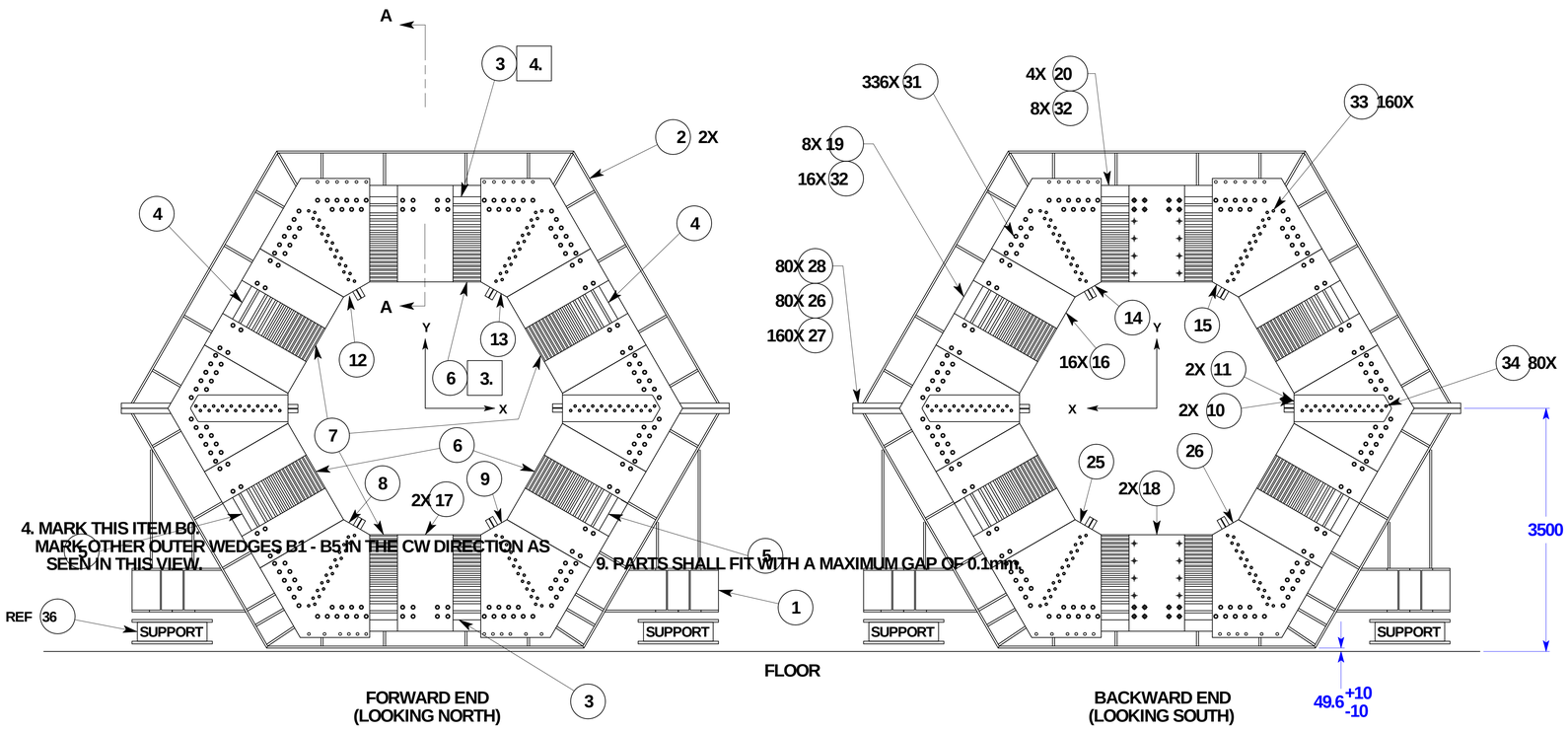
4. MARK THIS ITEM B0.
MARK OTHER OUTER WEDGES B1 - B5 IN THE CW DIRECTION AS SEEN IN THIS VIEW.

5. PARTS SHALL FIT WITH A MAXIMUM GAP OF 0.1mm.

6. THE MINIMUM GAP BETWEEN INNER WEDGES (MARKED A0 -A5) AND OUTER WEDGES (MARKED B0 - B5) SHALL BE SUCH THAT A GAUGE 1219mm X 508mm X 22mm THICK WILL HAVE A FREE FIT IN ALL PARTS OF EACH GAP AFTER ASSEMBLY IS COMPLETE.

7. THE MINIMUM GAP BETWEEN INNER WEDGES (MARKED A0 -A5) AND OUTER WEDGES (MARKED B0 - B5) SHALL BE SUCH THAT A GAUGE 75mm X 100mm X 29mm THICK WILL HAVE A FREE FIT IN ALL PARTS OF THE FIRST 75mm OF EACH END OF EACH GAP AFTER ASSEMBLY IS COMPLETE.

8. SHIMS SHALL BE INSTALLED AT ASSEMBLY IN THE FIELD TO FILL THE OPENING WITHIN 1mm.



ITEM NO	PREF	BAS	SUFF	STOCK OR PART NO	TITLE OR DESCRIPTION	QTY
40	SA	350-620	27	NUT PLATE, SPECIAL		4
39	PF	350-620	26	CORNER GAP PL, BACK RT		1
38	PF	350-620	25	CORNER GAP PL, BACK LT		1
37	DL	350-620	01	DRAWING LIST		REF
36				EARTHQUAKE ISOLATOR BY SLAC		REF
35				HHCS, 0.5"-6 UNC X 1.25"	A325	24
34				SHCS, .88"-9 UNC X 3"	GR 8	80
33				SHCS, .88"-9 UNC X 6"	GR 8	160
32				SHCS, 1.5"-6 UNC X 8"	GR 8	24
31				SHCS, 1.5"-6 UNC X 14"	GR 8	336
30				HHCS, 1.5"-6 UNC X 4.25"	A325	416
29				HHCS, 1.5"-6 UNC X 5.5"	A325	48
28				HHCS, 1.5"-6 UNC X 7"	A325	80
27				WASHER, 1.5"	F436	756
26				NUT, HEX 1.5"- 6 UNC	A563	170
25				HHCS, 1.5"-6 UNC X 8.5"	A325	42
24	PF	350-620	24	NUT PLATE		4
23	PF	350-620	23	SHIM PL, 1 HOLE, THICK		90
22	PF	350-620	22	SHIM PLATE, 1 HOLE THIN		84
21	PF	350-620	21	SHIM PLATE, 4 HOLE		104
20	PF	350-620	20	FLUX BAR, SPECIAL		4
19	PF	350-620	19	FLUX BAR		8
18	PF	350-620	18	CENTER GAP PLATE, WIDE SPL		2
17	PF	350-620	17	CENTER GAP PLATE, WIDE		2
16	PF	350-620	16	CENTER GAP PLATE		16
15	PF	350-620	15	CORNER GAP PL, SPL RT		1
14	PF	350-620	14	CORNER GAP PL, SPL LT		1
13	PF	350-620	13	CORNER GAP PL, TOP RT		1
12	PF	350-620	12	CORNER GAP PL, TOP LT		1
11	PF	350-620	11	CORNER GAP PL, MID RT		2
10	PF	350-620	10	CORNER GAP PL, MID LT		2
9	PF	350-620	09	CORNER GAP PL, BOT RT		1
8	PF	350-620	08	CORNER GAP PL, BOT LT		1
7	SA	350-620	07	INNER WEDGE ASSY, SPL		3
6	SA	350-620	06	INNER WEDGE ASSY		3
5	SA	350-620	05	WEDGE ASSY, LOWER SIDE		2
4	SA	350-620	04	WEDGE ASSY, UPPER SIDE		2
3	SA	350-620	03	WEDGE ASSY, TOP & BOT		2
2	SA	350-620	02	ARCH ASSEMBLY		2
1	SA	350-620	01	CRADLE ASSEMBLY		1

NEXT ASSEMBLIES:

DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ANSI Y14.5M-1982.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
BREAK EDGES .005-.015
INTERNAL CORNERS .015 R MAX
FRACTIONS ± ---
DEC .XX ± ---
.XXX ± ---
.XXXX ± ---
ALL SURFS

SCALE: 1 : 40

DO NOT SCALE DRAWING

CAD FILE NAME: SA35062000.P1

STANFORD LINEAR ACCELERATOR CENTER
U.S. DEPARTMENT OF ENERGY
STANFORD UNIVERSITY STANFORD, CALIFORNIA

		DAT E
ENGR	R F BOYCE	3/19/96
DRW	R F BOYCE	3/19/96
CHKD	H J KREBS	3/21/96

APPROVAL
R A BELL 3/22/96
H L LYNCH 3/22/96
T O'CONNOR 3/22/96

BABAR DETECTOR
BARREL FLUX RETURN
BARREL ASSEMBLY

SA-350-620-00 P1 D

SH 1 OF 2

BBR BRRL FLX RTN BARREL ASSY

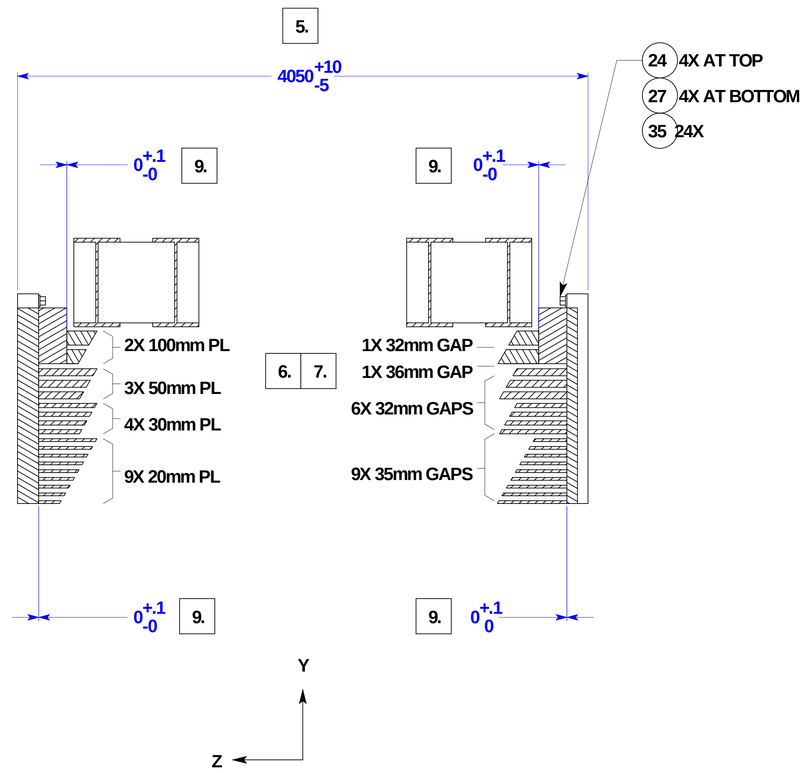
SA-350-620-00 P1

D	SA-350-620-00	P1

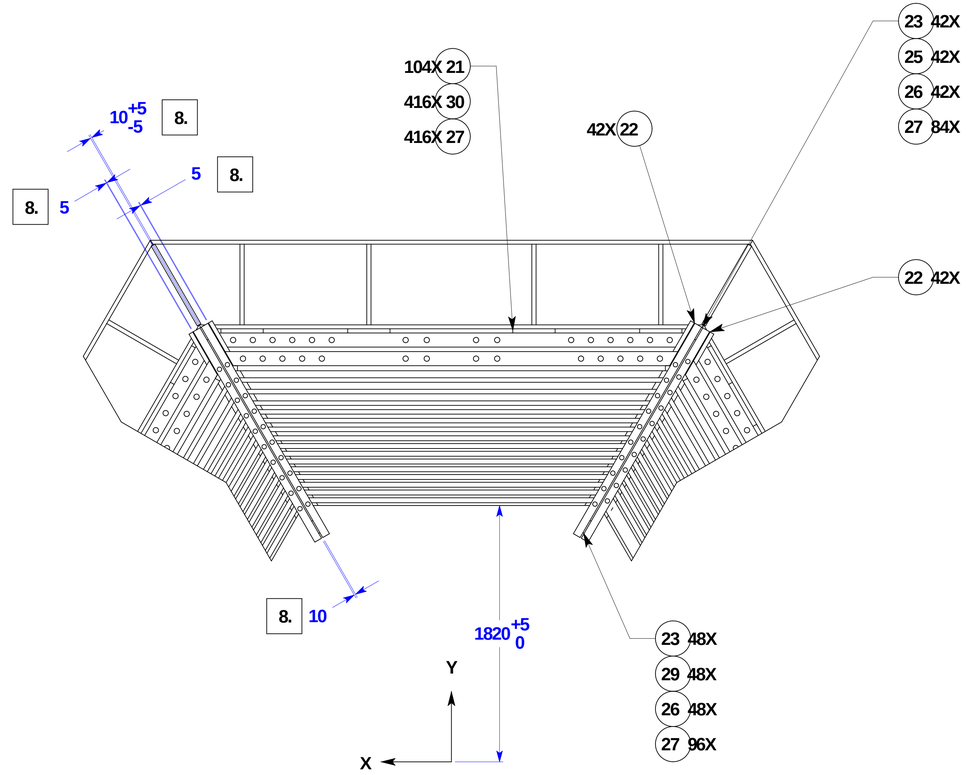
REV	DESCRIPTION	DRN	CHK	APP	DATE
	SEE SHEET 1				

5. AFTER ASSEMBLY IS COMPLETE, THE SURFACE DEFINED BY ITEMS 8 - 18 SHALL BE FLAT WITHIN 1mm AND PERPENDICULAR TO THE Z AXIS WITHIN 1mm FOR EACH END.

10. TOTAL WEIGHT APPROXIMATELY 450 MT (990,000 POUNDS).



SECTION A-A
SCALE 1 : 20



SCALE 1 : 20

ITEM NO	PREF	BAS	SUFF	TITLE OR DESCRIPTION	QTY
	STOCK OR PART NO				

NEXT ASSEMBLIES:

DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ANSI Y14.5M-1982.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
BREAK EDGES .005-.015
INTERNAL CORNERS .015 R MAX
FRACTIONS ± ---
DEC .xx ± ---
.xxx ± ---
.xxxx ± ---
ALL SURFS ---

SCALE : 1 : 40

DO NOT SCALE DRAWING

CAD FILE NAME: SA35062000.P1

STANFORD LINEAR ACCELERATOR CENTER
U.S. DEPARTMENT OF ENERGY
STANFORD UNIVERSITY STANFORD, CALIFORNIA

		DATE
ENGR	R F BOYCE	3/19/96
DRWN	R F BOYCE	3/19/96
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APPROVALS
R A BELL 3/22/96
H L LYNCH 3/22/96
T O'CONNOR 3/22/96

BABAR DETECTOR
BARREL FLUX RETURN
BARREL ASSEMBLY

SA-350-620-00 P1 D

SH 2 OF 2

BBR BRRL FLX RTN BARREL ASSY