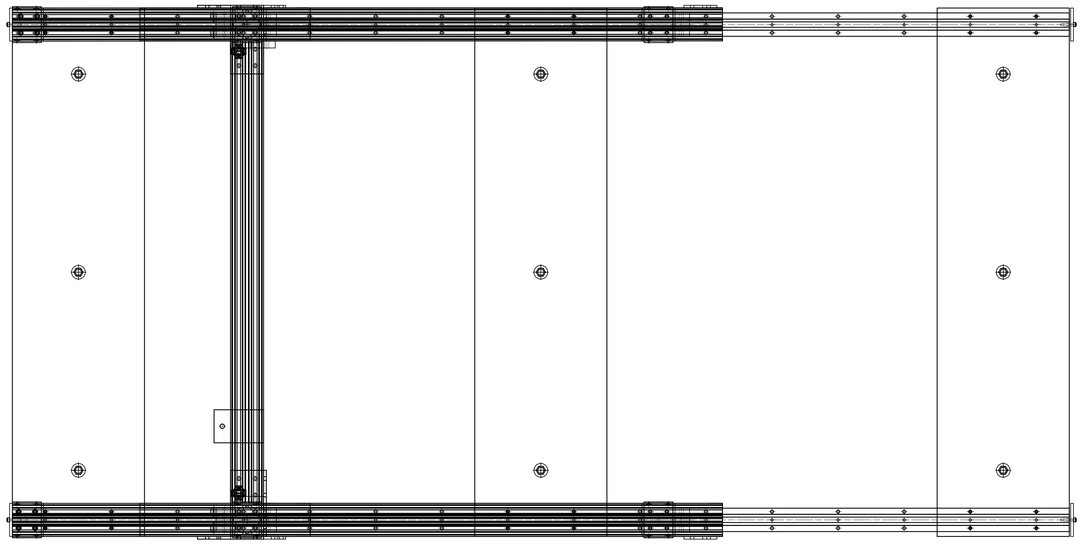

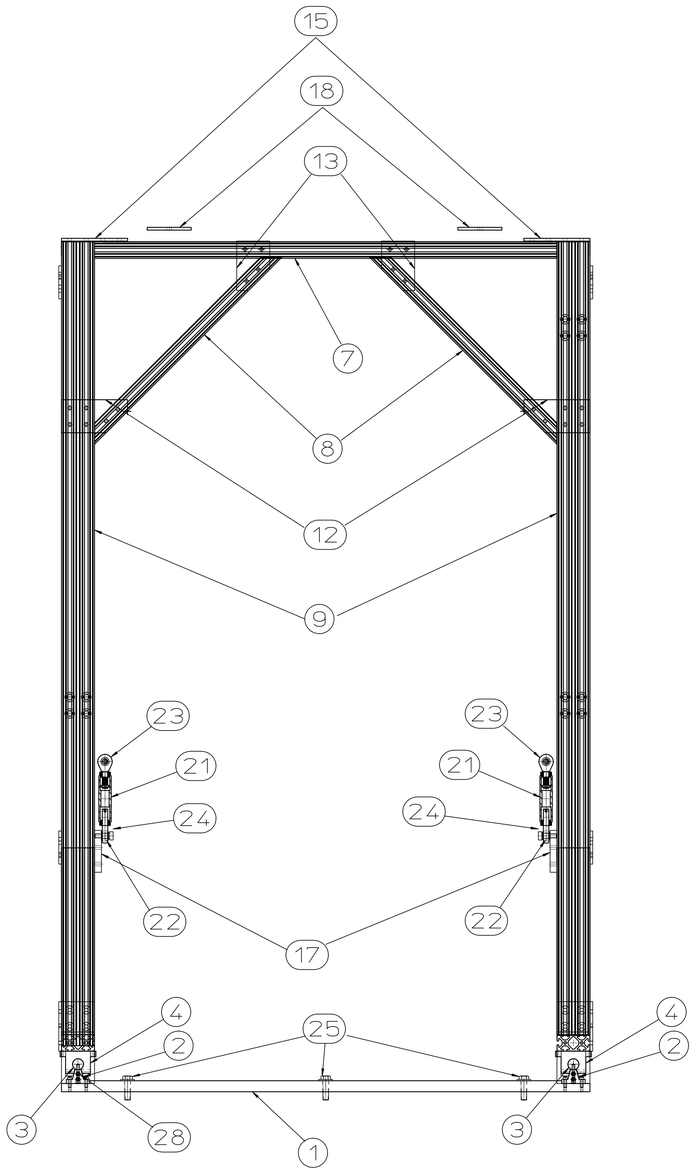

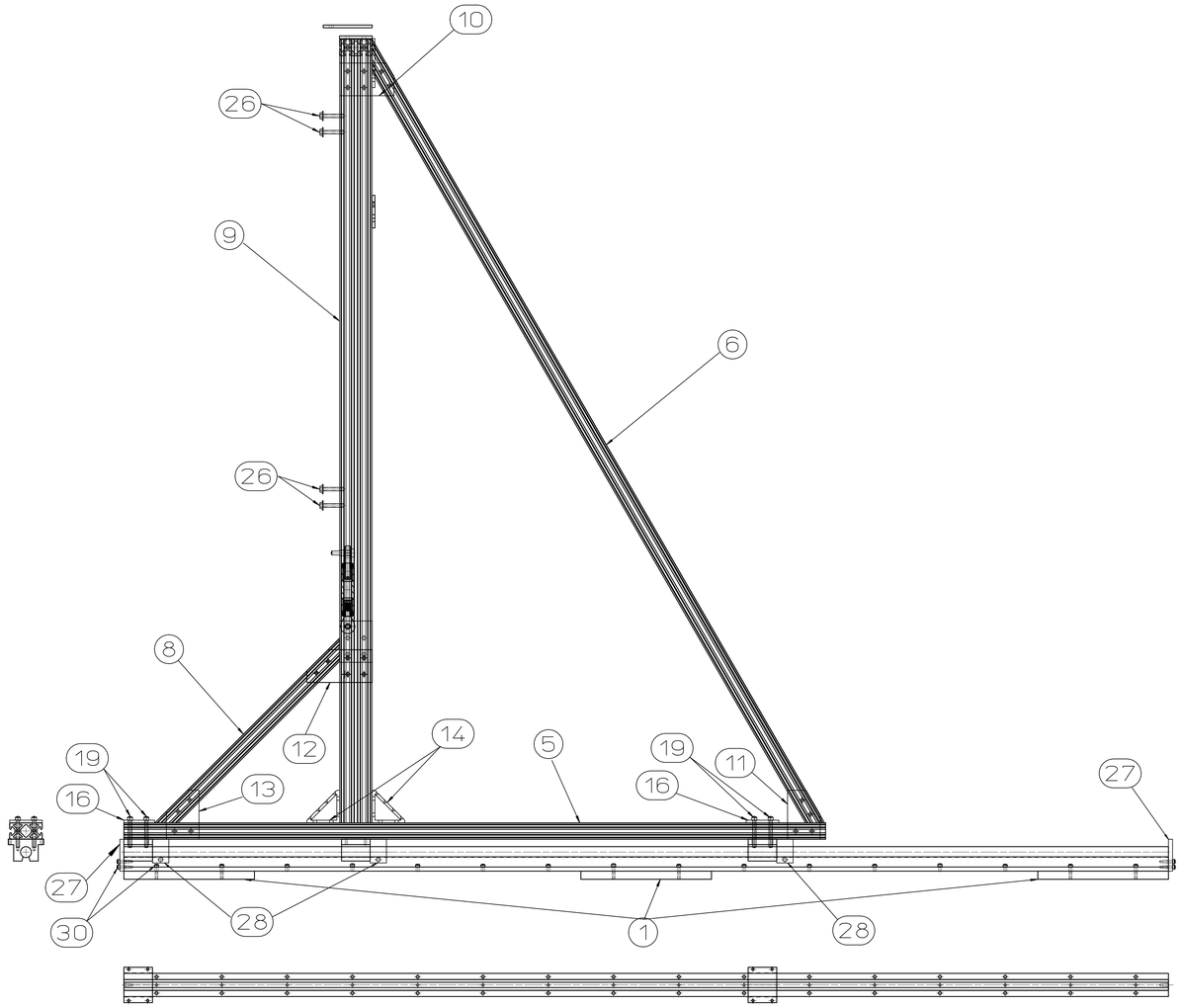

NOTE:

IF REMOVAL OF THE LINEAR BEARINGS FROM THE SHAFT IS REQUIRED, USE THE INCLUDED PLASTIC INSERTS TO SLIDE INTO THE BEARINGS AS THEY COME OFF THE SHAFT. THIS KEEPS THE BEARING BALLS INTACT WITHIN THE BEARING HOUSING!!!

ITEM	REQ	PART NUMBER	DESCRIPTION
31	150	3678	18-8 S.S. 5/16-18 THREADED INSERTS (NOT SHOWN)
30	72	92185A540	1/4-20 X 3/4", 316 S.S. SOCKET HEAD CAP SCREW
29	8	952551425	316 S.S. QUICK-RELEASE PIN, 3/8" DIA., X 2.50" (NOT SHOWN)
28	8	27B827	BEARING STOP
27	4	27B808	BEARING STOP PLATE
26	16	92186A591	5/16-18 X 2.00", 316 S.S. HEX CAP SCREW
25	9	92186A718	1/2-13 X 1 3/4", 316 S.S. HEX CAP SCREW
24	4	97345A707	1/2" DIA. SHOULDER SCREW, 316 S.S., 3/8-16 X 5/8" LNG THD
23	2	55915K16LH	ROD END,.50" DIA., LEFT HAND 1/2-20 THREAD
22	2	55915K16RH	ROD END,.50" DIA., RIGHT HAND 1/2-20 THREAD
21	2	27B812	STRUT ASSEMBLY
20	150	92949A581	5/16-18 X 3/4" 18-8 S.S., BUTTON HEAD CAP SCREW (NOT SHOWN)
19	16	92185A553	1/4-20 X 2 1/4", 316 S.S. SOCKET HEAD CAP SCREW
18	2	27B809	STOP PLATE
17	2	27B811	STRUT MOUNTING PLATE
16	4	#4367	15 SERIES, 4-HOLE JOINING PLATE
15	2	#4365	15 SERIES, 8-HOLE JOINING PLATE
14	4	#4348	15 SERIES 8-HOLE INSIDE GUSSET CORNER BRACKET
13	4	#4346	15 SERIES 4-HOLE 45 DEG. JOINING PLATE
12	4	#4345	15 SERIES 6-HOLE 45 DEG. JOINING PLATE
11	2	#4361	15 SERIES 4-HOLE 60 DEG. JOINING PLATE
10	2	#4330	15 SERIES 6-HOLE 30 DEG. JOINING PLATE
9	2	#3030	80-20, 3030 SERIES, VERTICAL SUPPORT X 72.00"
8	4	#2560	80-20, 1530 SERIES, 45 DEG. SUPPORT X 24.00"
7	1	#1530	80-20, 1530 SERIES, X 42.00"
6	2	#1530	80-20, 1530 SERIES, 60 DEG. SUPPORT X 83.13"
5	2	#1530	80-20, 1530 SERIES, HORIZONTAL SUPPORT X 64.50
4	6	5930K88	CIRCULATING BALL, STANDARD LENGTH, OPEN LINEAR BEARING
3	2	6526K45	PRECISION SHAFT, 1.00" DIA. X .96" LONG
2	4	6039K35	ALUMINUM SUPPORT RAIL FOR 1.00" DIA. SHAFT
1	3	27B810	DECK PLATE, 6061 ALUMINUM,1.00" X 12.00" X 48.00"

27B8066-

REV.	DWN.	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED:
DRAWINGS: .X= ± .060 | FRACT= ± 1/64 | .XX= ± .020 | ANGLES= ± .5° | .XXX= ± .005 | FINISH 125
SAWED, FLAMECUT, SHEARED OR STOCK FINISH
ALL SCREW THREADS ARE CLASS 2.
CHAMFER ENDS OF ALL SCREW THREADS 30° ½ PITCH RELIEF WITH ROUND NOSE TOOL ON ALL MACHINE CUT SCREW THREADS.
BREAK EDGES 1/64 MAX. ON ALL MACHINED WORK.
REMOVE BURRS, SLAG, AND LOOSE SPATTER.
REFERENCES - ASME Y14.5 AND SME1 ANSI 81.1 ANSI/ANS A2.4 ANSI/ANS D11
ALL DIMENSIONS ARE IN INCHES.

SHOP ORDERS
ACCT. NO.: | SER NO.:
DATE ISSD.: | DATE RECD.: | NO. RECD:
DELIVER TO:
SURFACE TREATMENT: ----
IDENTIFICATION METHOD: ----
DRN: M. Dickinson | DATE: 02/02/05
CHK'D: S. Vroslek | DATE: 02/28/05

LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY
MEUON COLLIDER
MANUEL TUNER
MANUEL TUNER SUPPORT STAND

PATENT CLEAR	DRAWING TYPE	SHOWN ON	SCALE: 1:8	DO NOT SCALE PRINTS
	ASSEM	27B8066		
MICROFILMED	DESIGN ACCOUNT	CATEGORY CODE	DRAWING NUMBER: 27B8066	REV: —

REV. AM 7/95