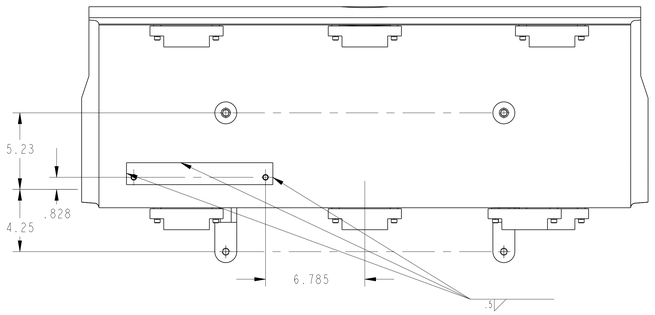
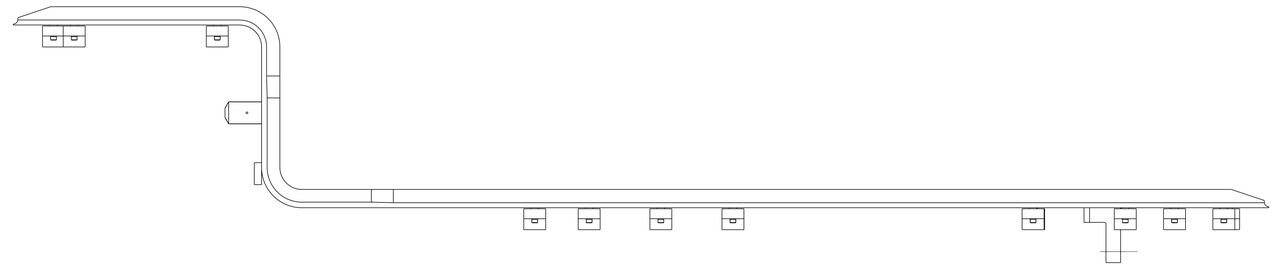
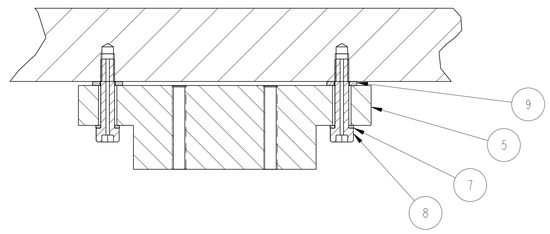
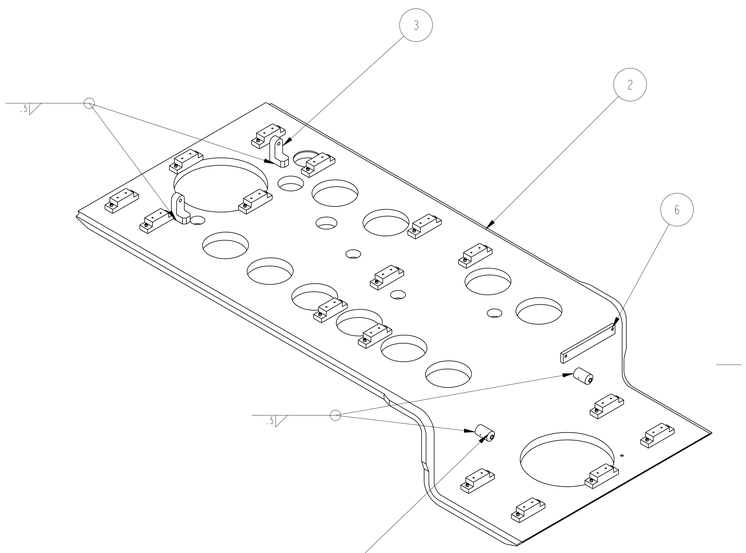


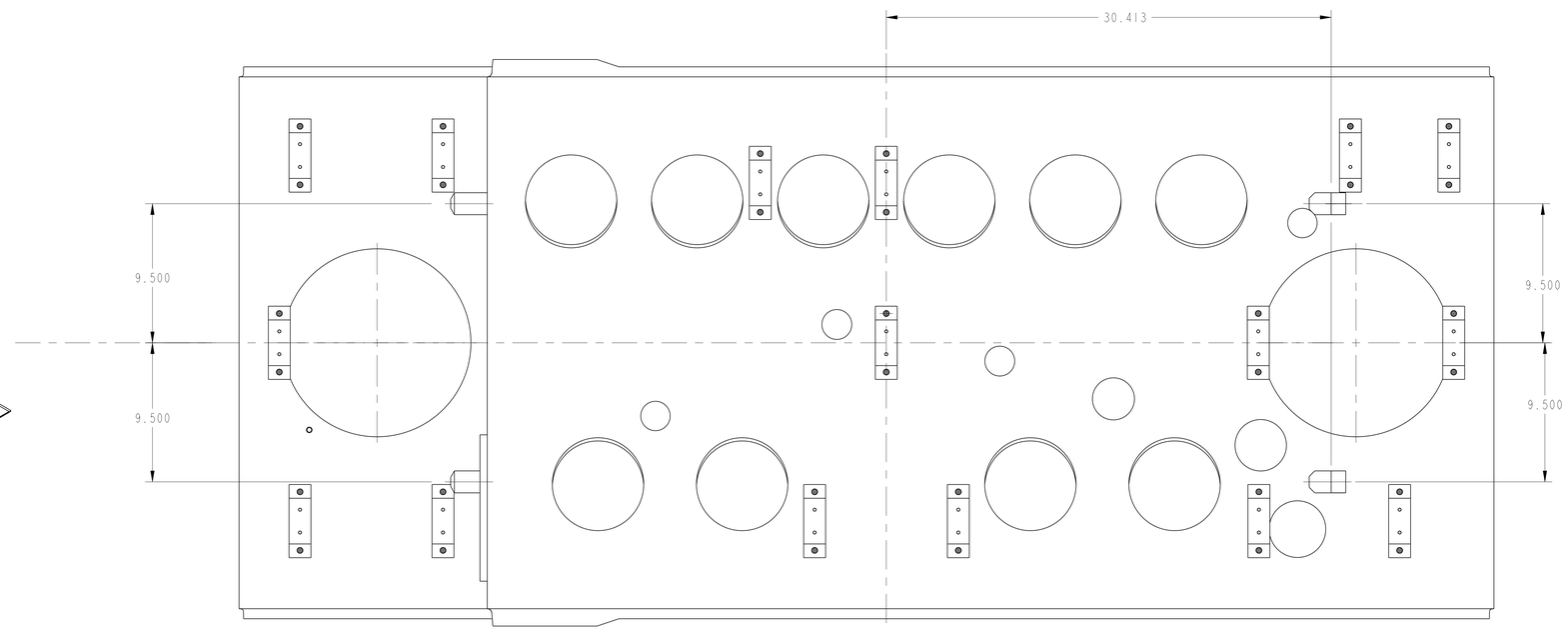




SECTION A-A
SCALE 1/1

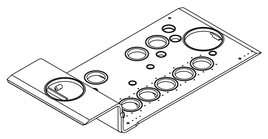


SCALE 1/8

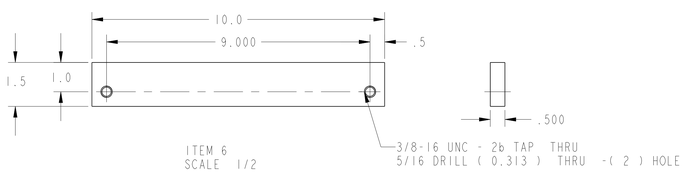


NOTES: UNLESS OTHERWISE SPECIFIED,

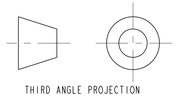
1. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982
   UNITS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
2. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS,
   OR COOLANTS ARE STRICTLY PROHIBITED
3. USE OF RESIN OR RUBBER BONDED ADRASIVES UNDER POWER
   IS STRICTLY PROHIBITED. USE VITREOUS BONDED
   ABRASIVES ONLY.
4. VENDOR WELD PROCEDURE SUBJECT TO LBNL APPROVAL.
7. ESTIMATED WEIGHT = 1,130 LBS



SCALE 1/20



ITEM 6
SCALE 1/2



THIRD ANGLE PROJECTION

REV	DWG	CHK	ZONE	DATE	CHANGES
B	RLM	JPZ		9/9/03	CHANGED TOP PLATE DETAIL
A	JDR	DPO		10/7/02	INITIAL RELEASE

UNLESS OTHERWISE SPECIFIED
TOL BRACKETS
X.X ± 0.1 FRAC. ± 1/64
X.XX ± 0.03 Angles ± 1.00°
X.XXX ± 0.010 FINISH 125√
DO NOT SCALE PRINT
THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THREADS 30°
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE
IN ACCORDANCE WITH ASME Y14.5M & B46.1

SHOP ORDERS
ACCT NO. / NO. REQD / SER NO. / DATE ISSD / DEL TO / DATE REQD / SURFACE TREATMT / IDENT METHOD TAG / PROJECT NUMBER N/A / PROJECT NAME N/A
DWG BY KNOLLS DATE 24-Aug-01
CHK BY JON ZBASNIK DATE 04-APR-02
APP BY JON ZBASNIK DATE 04-APR-02

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA · BERKELEY

LHC IR FEEDBOX
VACUUM
TOP PLATE WELDMENT IP2,8 - RIGHT

MICROFILMED: | DWG. TYPE: ASSEM | SHOWN ON: 251144 | SCALE: 1/4 | DO NOT SCALE PRINTS
PATENT CLEAR: | DESIGN ACCT. NO.: Z5LCE2 | CATEGORY CODE: LH2002 | SHEET 1 OF 1 | DWG. NO.: 2511366 | SIZE: B | REV: B

ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
9	-	32	WASHER, M6	SS 18-8
8	-	32	SCH, M6X1, 30 LG, VENTED, SILVER PLATED	SS 18-8
7	-	32	LOCK WASHER, M6	SS
6	-	1	XB THRUST PLATE	304L SS
5	251081	16	SPACER	NEMA G10
4	25M861	2	STRUT BOSS	304L SS
3	25M854	2	STRUT BRACKET	304L SS
2	251870	1	TOP PLATE DFBX D & H, IP2,8 RIGHT	304L SS

DWG. NO. 2511366 SIZE B REV 1