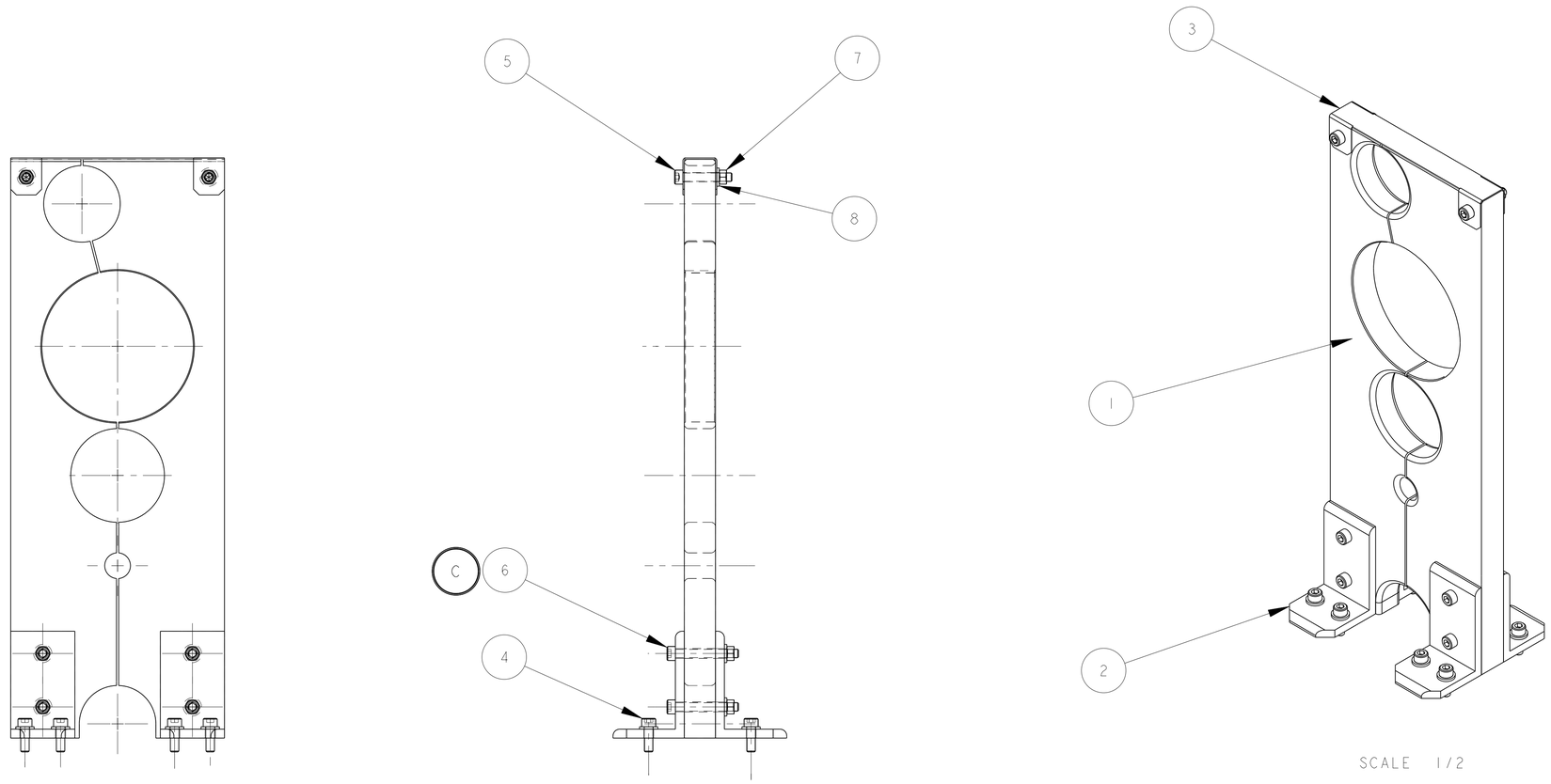
DWG. NO.	SIZE	REV.	SH.
2519054		C	1

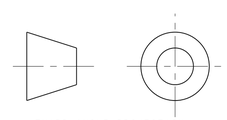
ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
8	-	14	WASHER, M6	SS 18-8
7	-	6	NUT, M6	SS 18-8
6	-	4	SCH, M6X1, 45LG, SILVER PLATED	SS 18-8
5	-	2	SCH, M6X1, 35LG, SILVER PLATED	SS 18-8
4	-	8	SCH, M6X1, 18LG., VENTED, SILVER PLATED	SS 18-8
3	251597	1	TOP BRACKET PIPE SUPPORT	SS
2	251598	4	SUPPORT BRACKET	SS
1	251906	1	CENTER PIPE SUPPORT	NEMA G10



SCALE 1/2

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THIS IS A CRYOGENIC VACUUM COMPONENT.
2. CLEANING PROCEDURE : PER VENDOR SPECIFICATION WITH LBNL APPROVAL.
3. PACKAGING AND STORAGE PROCEDURE OF THE COMPONENTS: PER VENDOR SPCIFICATION WITH LBNL APPROVAL.
4. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982. UNITS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
5. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED.
6. USE OF RESIN OR RUBBER BONDED ABRASIVES UNDER POWER IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES ONLY.



THIRD ANGLE PROJECTION

REV	DWG	CHK	ZONE	DATE	CHANGES
C	RLM	JPZ		6/23/03	45LG WAS 40LG
B	RLM	SPV		11-26-02	MATERIAL CHANGE WASHER
A	RLM	DPO		10-4-02	INITIAL RELEASE

UNLESS OTHERWISE SPECIFIED

TOLERANCES		
	X.X ± 0.1	FRAC. ± 1/64
	X.XX ± 0.03	Angles ± 1.00°
	X.XXX ± 0.010	FINISH 125 $\sqrt{\text{(μin)}}$

DO NOT SCALE PRINT

THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW TREADS 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.	-
DEL TO		DATE ISSD	-
SURFACE TREATMT	-	DATE REQD	-
IDENT METHOD	TAG		
PROJECT NUMBER	N/A		
PROJECT NAME	N/A		
DWG BY	R LA MANTIA	DATE	21-Mar-02
CHK BY	D OSHATZ	DATE	19-Sep-02
APR BY	D OSHATZ	DATE	19-Sep-02

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
CRYOGENICS
SUPPORT, CENTER PIPE, DFBXC

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 1/2	DO NOT SCALE PRINTS
	ASSEM	-	SHEET 1 OF 1	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO.	SIZE / REV.
	Z5LCE2	LH2003	2519054	C