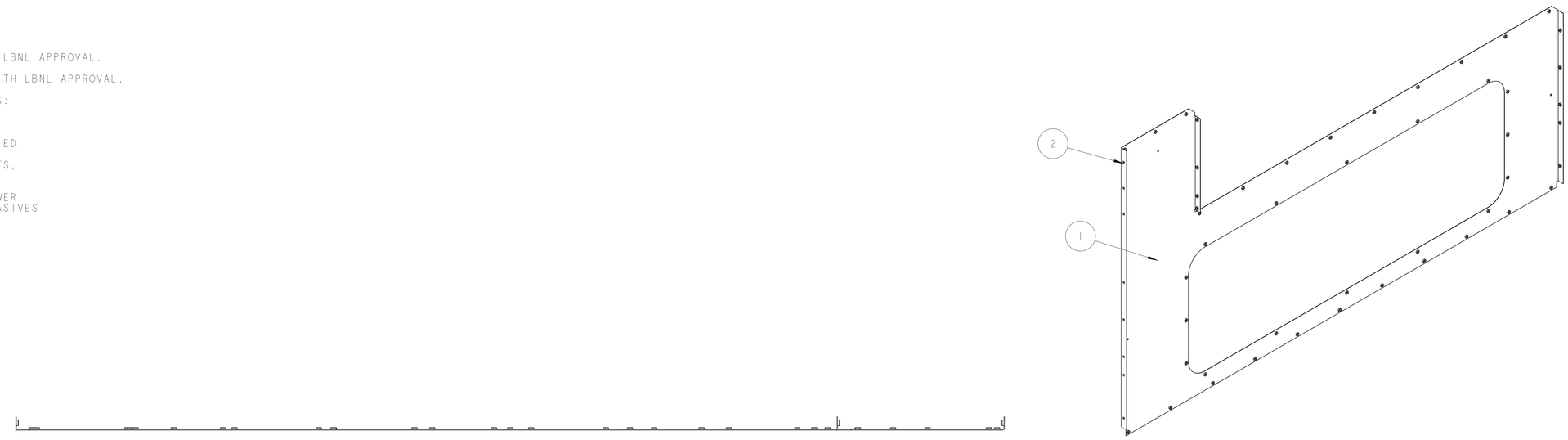
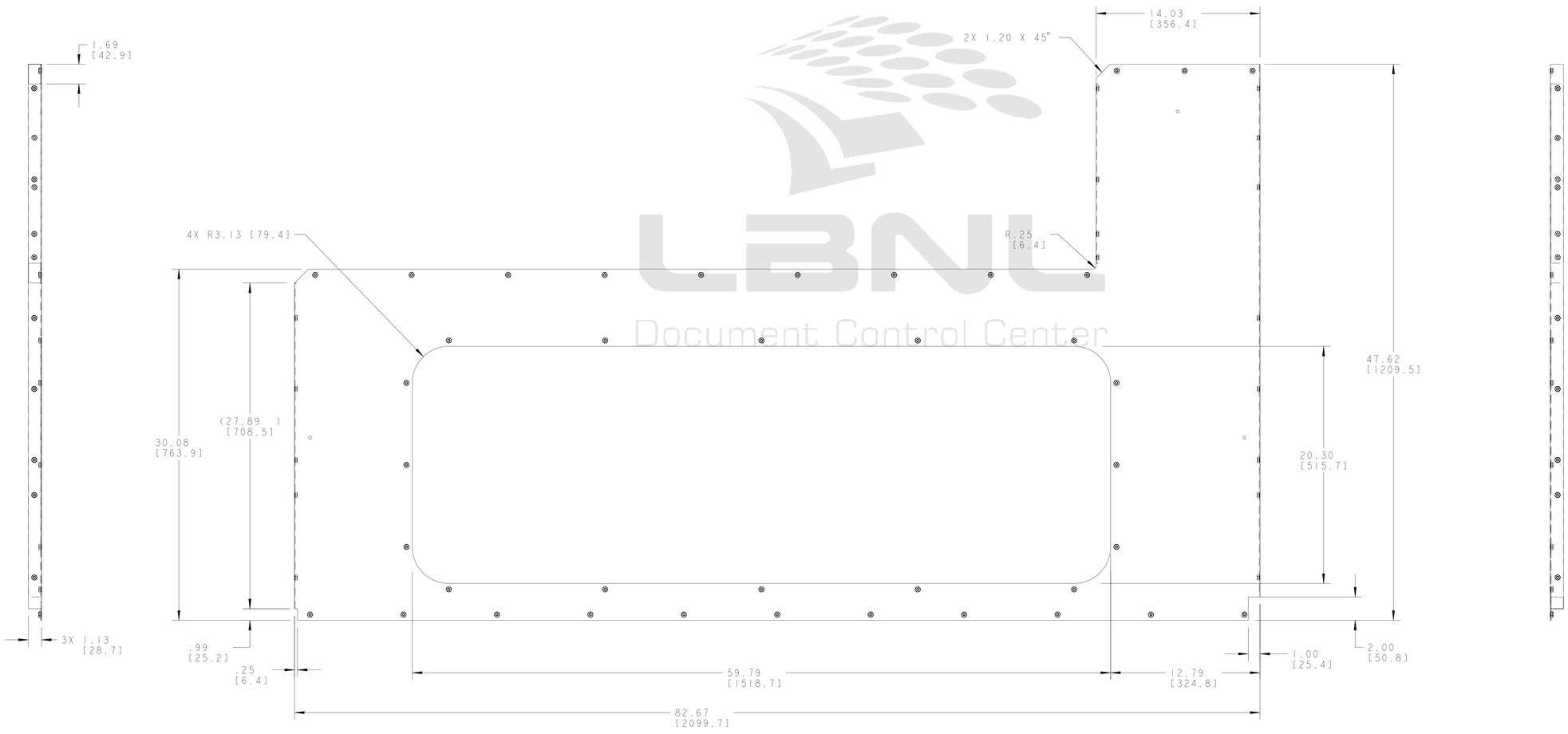
NOTES: (UNLESS OTHERWISE SPECIFIED)

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



SCALE 5/32



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ITEM	PART NO.	REQD	DESCRIPTION	MATERIAL
2	-	56	M5 CAPTIVE NUT, PEM AC-M5-1-SF	SS
1	-	1	SHEET, 1/16" THICK	COPPER, OFHC, C101

REV	DWG	CHK	ZONE	DATE	CHANGES
C	RLM	JPZ		11/10/03	ADD DIMENSIONS TO LOCATE HOLES
B	ARH	DPO		02/28/03	UPDATED BOM
A	ARH	DPO		09-12-02	INITIAL RELEASE

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
TOLERANCES: X.X ± 0.1 FRAC. ± 1/64; X.XX ± 0.03 Angles ± 1.00°; X.XXX ± 0.010 FINISH 125 μin
DO NOT SCALE PRINT
THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THEADS 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
SEL NO. / SEL REQD
SEQ NO. / DATE / ISSD / DATE / REQD
SURFACE TREATMT / IDENT METHOD / TAG
PROJECT NUMBER N/A
PROJECT NAME N/A
DWN BY KNOLLS DATE 12-Oct-01
CHK BY Jon Zbasnik DATE 15-Feb-02
APP BY Jon Zbasnik DATE 15-Feb-02

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
CRYOGENICS
THERMAL SHIELD, SIDE COVER, HALF 1

MICROFILMED: | PATENT CLEAR: | DWG. TYPE: ASSEM | SHOWN ON | DESIGN ACCT. NO.: Z5LCE2 | CATEGORY CODE: LH2003
SCALE: 1/4 | DO NOT SCALE PRINTS | SHEET 1 OF 2
DWG. NO.: 2510666 | SIZE: C | REV.: C

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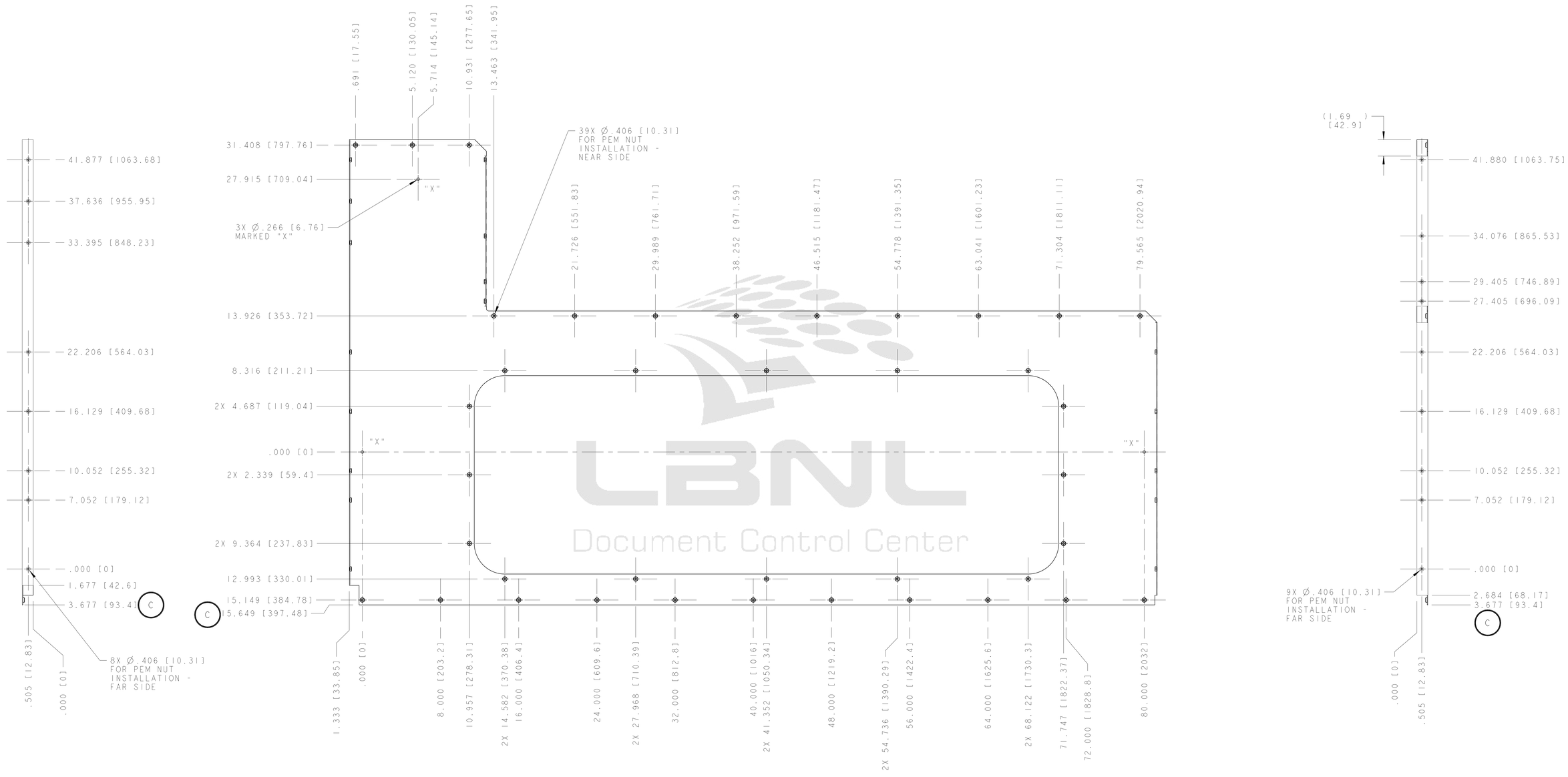

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DWG. NO. 2510666 SIZE C SHT. 2

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
CRYOGENICS
THERMAL SHIELD, SIDE COVER, HALF 1

MICROFILMED:	DWG. TYPE ASSEM	SHOWN ON	SCALE: 1/4	DO NOT SCALE PRINTS
			SHEET 2 OF 2	
PATENT CLEAR:	DESIGN ACCT. NO. Z5LCE2	CATEGORY CODE LH2003	DWG. NO. 2510666	REV. C

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