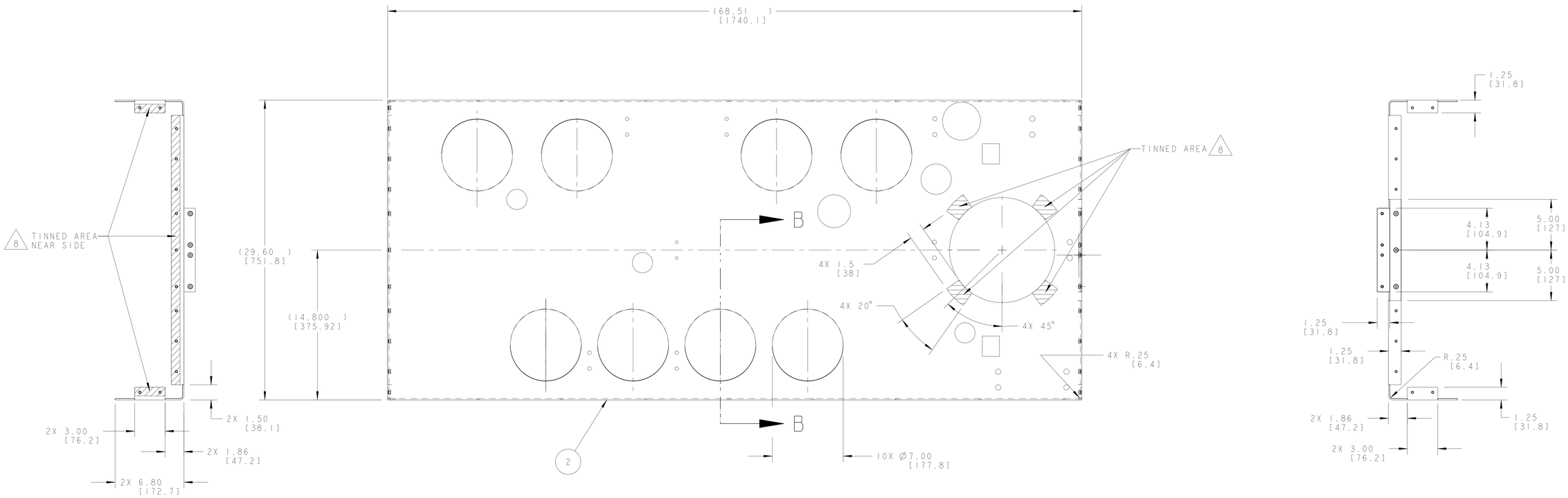



NOTES: (UNLESS OTHERWISE SPECIFIED)

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.
8. TIN NOTED AREAS WITH 60/40 Sn/Pb SOLDER, USE RESIN FLUX.

THIRD ANGLE PROJECTION

| REV | DWG | CHK | ZONE | DATE | CHANGES |
|---|---|---|---|---|---|
| C | RLM | JPZ | | 8/20/03 | Ø2.12 WAS Ø2.00 |
| B | ARH | SPV | | 01/03/03 | COSMETIC CHANGES TO DRAWING |
| A | ARH | SPV | | 9/19/02 | 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/ 1/64
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

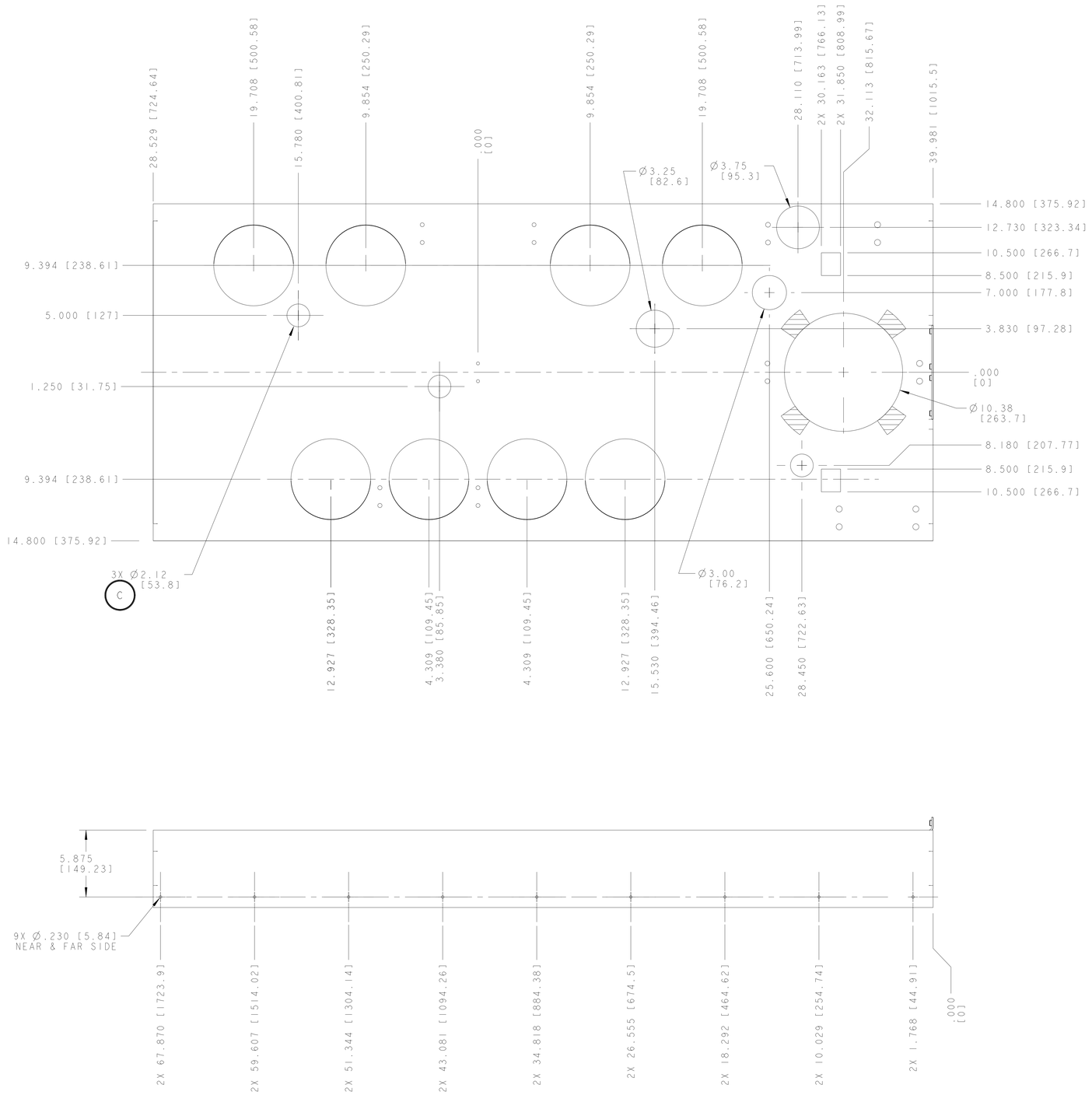
SHOP ORDERS
ACCT NO. / NO. REQD / SER NO. / DATE ISSD / DEL TO / DATE REQD
SURFACE TREATMT
IDENT METHOD TAG
PROJECT NUMBER N/A
PROJECT NAME N/A
DWG BY R. LA MANTIA DATE 18-Feb-02
CHK BY Jon Zbasnik/S.Virostek DATE 18-Feb-02 AUG-02
APR BY Jon Zbasnik/D.Oshatz/D DATE 18-Feb-02 AUG-02

| ITEM | PART NO | REQD | DESCRIPTION | MATERIAL |
|---|---|---|---|---|
| 3 | - | 27 | M5 CAPTIVE NUT, PEM AC-M5-1-SF | SS |
| 2 | - | 1 | SHEET, .125 THICK | COPPER,OFHC, C101 |

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY
LHC IR FEEDBOX
CRYOGENICS
TOP COVER, NEGATIVE SD, DFBXB

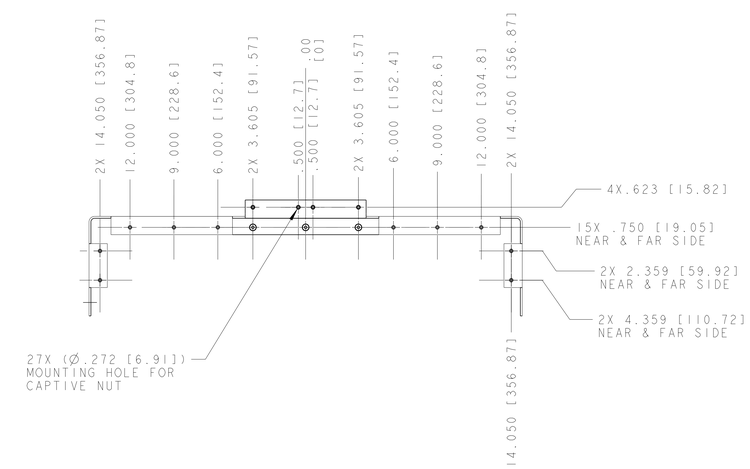
MICROFILMED: | DWG. TYPE ASSEM | SHOWN ON - | SCALE: 1/4 | DO NOT SCALE PRINTS
PATENT CLEAR: | DESIGN ACCT. NO. Z5LCE2 | CATEGORY CODE LH2003 | DWG. NO. 2516286 | SIZE | REV. C
SHEET 1 OF 4

DWG. NO. 2516286 SIZE C REV. 1 SH. 1







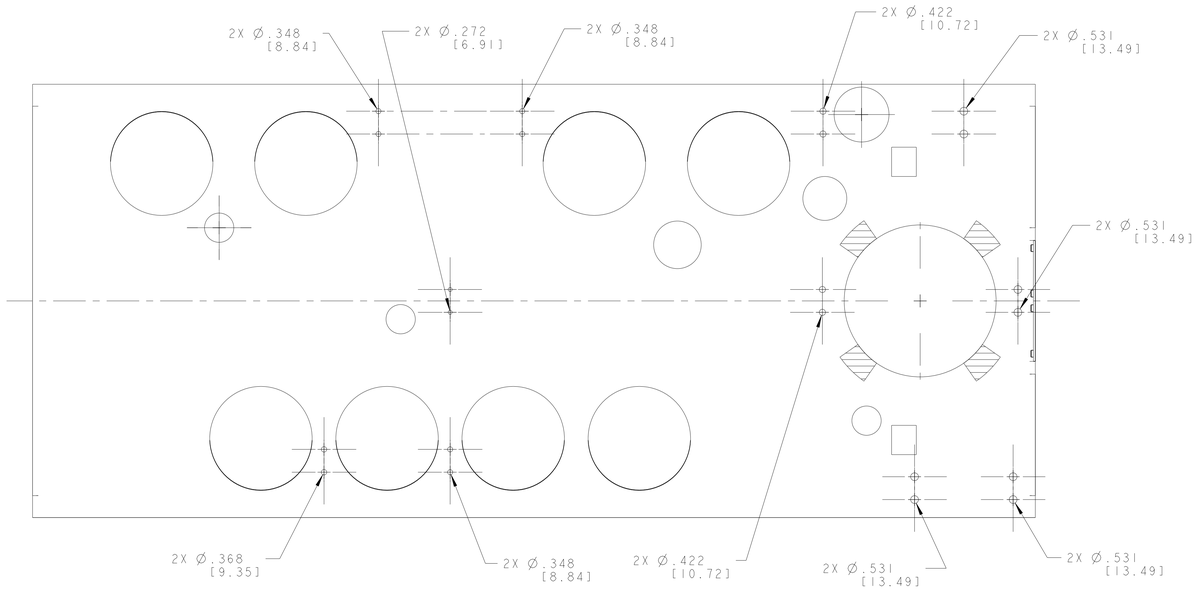


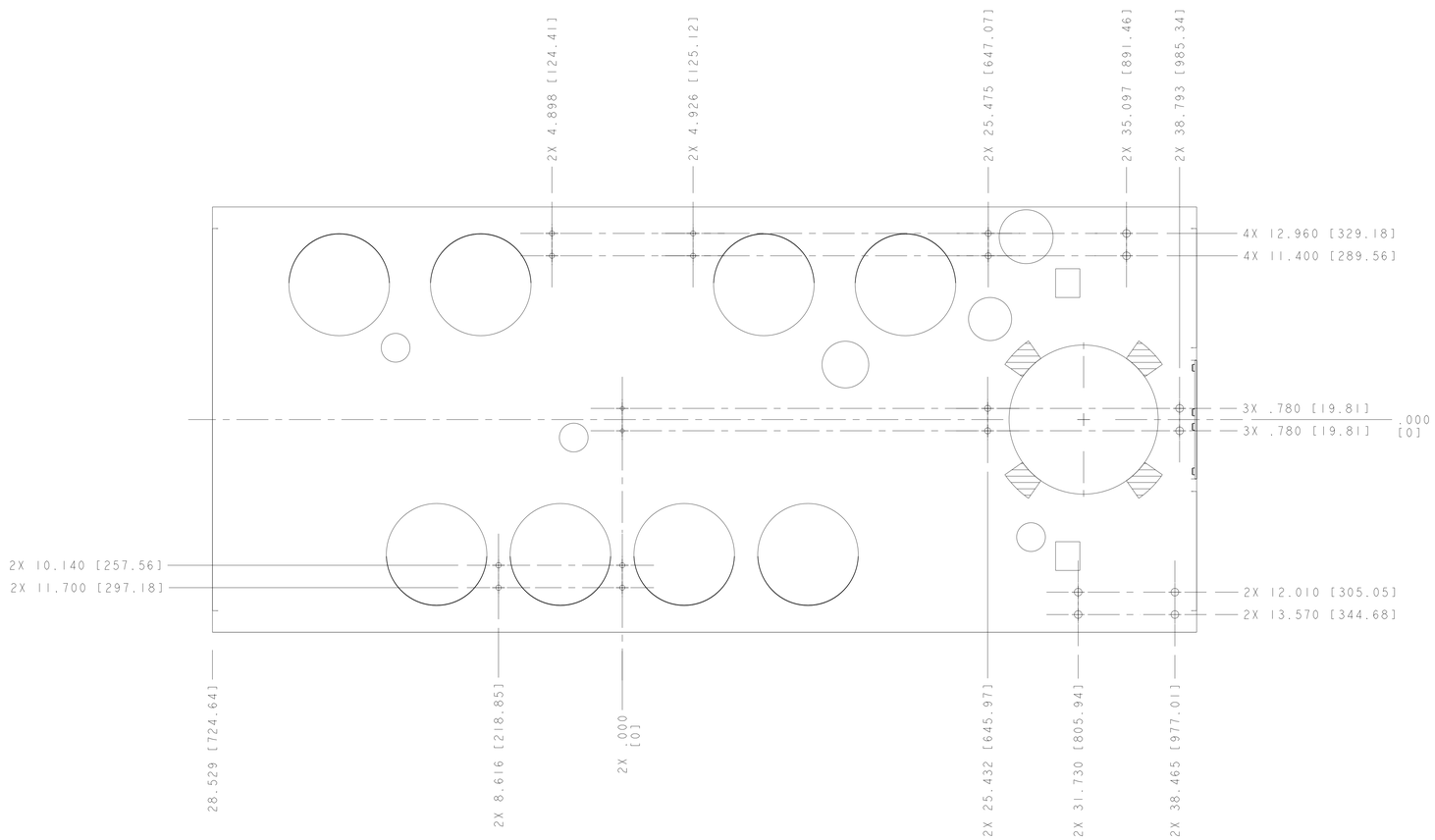

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
CRYOGENICS
TOP COVER, NEGATIVE SD, DFBXB

| MICROFILMED: | DWG. TYPE | SHOWN ON | SCALE: 1/4 | DO NOT SCALE PRINTS |
|---|---|---|---|---|
| | ASSEM | - | SHEET 2 OF 4 | |
| PATENT CLEAR: | DESIGN ACCT. NO. | CATEGORY CODE | DWG. NO. | SIZE / REV. |
| | Z5LCE2 | LH2003 | 2516286 | C |

DWG. NO. 2516286 SHT. 2 REV. C



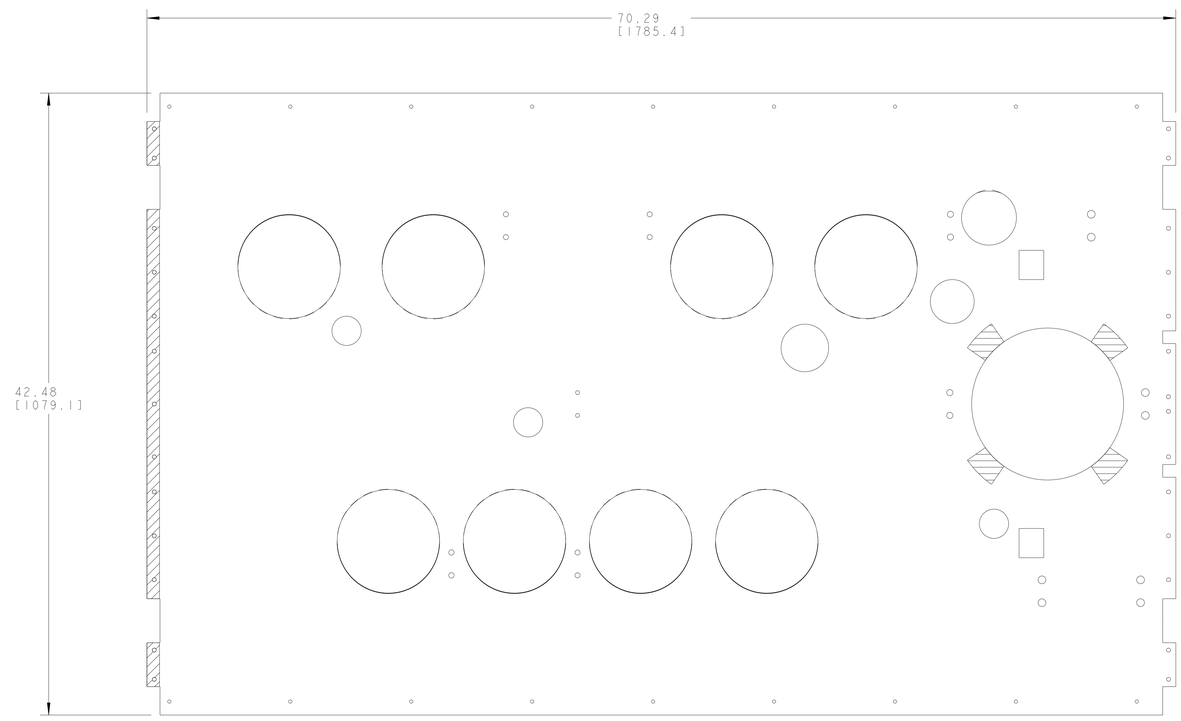




DWG. NO. 2516286 SIZE C REV. 3

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
CRYOGENICS
TOP COVER, NEGATIVE SD, DFBXB

| MICROFILMED: | DWG. TYPE: ASSEM | SHOWN ON: - | SCALE: 1/4 | DO NOT SCALE PRINTS |
|---|---|---|---|---|
| | | | SHEET 3 OF 4 | |
| PATENT CLEAR: | DESIGN ACCT. NO.: Z5LCE2 | CATEGORY CODE: LH2003 | DWG. NO.: 2516286 | SIZE: C REV. |




FLAT PATTERN
SCALE 1/4

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
CRYOGENICS
TOP COVER, NEGATIVE SD, DFBXB

| MICROFILMED: | DWG. TYPE | SHOWN ON | SCALE: 1/4 | DO NOT SCALE PRINTS |
|---|---|---|---|---|
| | ASSEM | - | SHEET 4 OF 4 | |
| PATENT CLEAR: | DESIGN ACCT. NO. | CATEGORY CODE | DWG. NO. | SIZE | REV. |
| | Z5LCE2 | LH2003 | 2516286 | | C |

DWG. NO. 2516286 SIZE C REV. 4