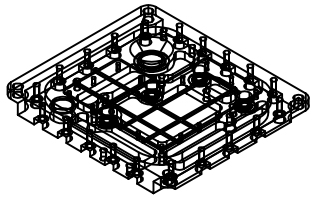
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



ITEM	QTY	PART NUMBER	NOMENCLATURE	MATERIAL SPECIFICATION

TOLERANCES (EXCEPT AS SPECIFIED) — DO NOT SCALE DRAWING — METRIC DRAWING (UNITS: mm) — INTERPRET PER ANSI Y14.5-1994 — WELDING SYMBOLS PER ANSI/AWS A2.4-79

Space Sciences Laboratory — UNIVERSITY OF CALIFORNIA, BERKELEY, USA

SURFACE FINISH — SURFACE TREATMENT — MASS

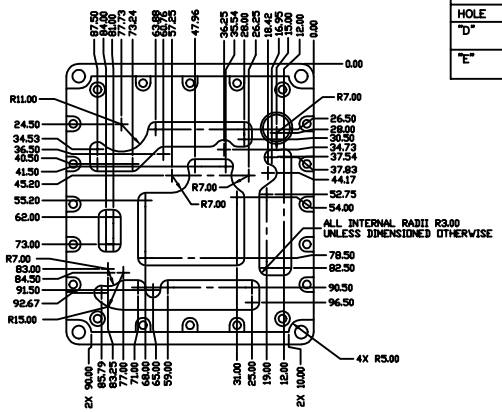
APPROVALS — DATE — DRAWN — CHECKED — ISSUED

DWG TITLE — SIZE B — PROGRAM — DWG NO. — REV — SCALE — SHEET 1 OF

25.4 mm = 1 inch

THIRD ANGLE PROJECTION

REVISIONS			
E	MOVED Ø0.33 HOLE AND CHANGED TO #11 WITH #12.8 CBORE	8/16/97	



VIEW K–K

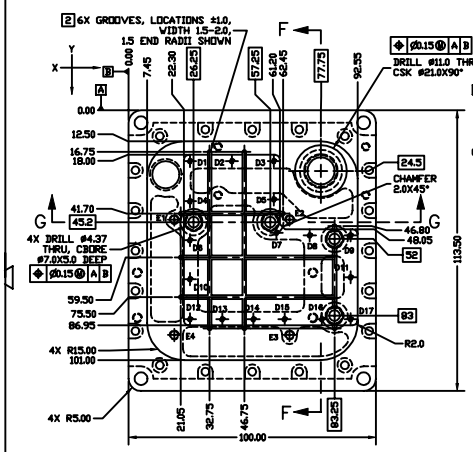
(HIDDEN LINES, FEATURES IN DETAILS "H" AND "J", AND TAPPED HOLES REMOVED FOR CLARITY)

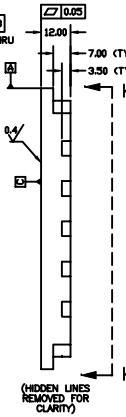
TAPPED HOLE CALLOUT		
HOLE	DESCRIPTION	TOLERANCE
"D"	DRILL & TAP FOR M2.0X0.4 4.0 DEEP	Ø0.15Ⓜ A B
"E"	DRILL & TAP FOR M3 HELICOIL 5.0 DEEP	Ø0.10Ⓜ A B

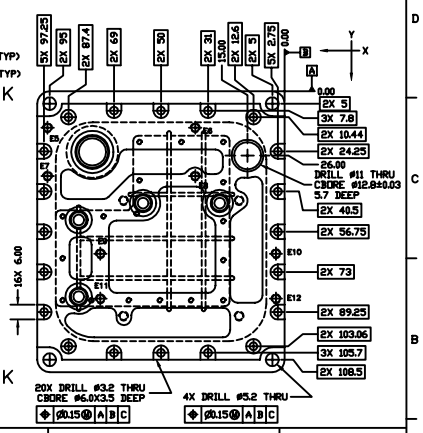
HOLE	X	Y	HOLE	X	Y
D1	24.80	20.50	E1	18.42	44.17
D2	41.75	20.50	E2	65.08	44.17
D3	58.70	20.50	E3	65.08	90.83
D4	24.80	36.75	E4	18.42	90.83
D5	58.70	36.00	E5	95.84	14.72
D6	24.80	52.50	E6	36.15	14.72
D7	59.80	49.45	E7	95.84	34.28
D8	73.25	50.55	E8	36.15	34.28
D9	89.75	50.55	E9	74.50	65.62
D10	24.80	68.25	E10	3.49	65.62
D11	89.75	67.50	E11	74.50	83.85
D12	24.80	84.45	E12	3.49	83.85
D13	37.85	84.45			
D14	50.45	84.45			
D15	63.05	84.45			
D16	78.15	84.45			
D17	89.75	84.45			

SIZE B — PROGRAM IMAGE — DWG NO. 8037-A4 — REV E — SCALE FULL — SHEET 3 OF 3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
E	MOVED Ø0.33 HOLE AND CHANGED TO #11 WITH #12.8 CBORE	8/16/97	







1	A/R	STAINLESS STEEL, TYPE 304	QQ-S-763
ITEM	QTY	PART NUMBER / NOMENCLATURE	MATERIAL SPECIFICATION

TOLERANCES (EXCEPT AS SPECIFIED) — DO NOT SCALE DRAWING — METRIC DRAWING (UNITS: mm) — INTERPRET PER ANSI Y14.5-1994 — WELDING SYMBOLS PER ANSI/AWS A2.4-79

Space Sciences Laboratory — UNIVERSITY OF CALIFORNIA, BERKELEY, USA

SURFACE FINISH — SURFACE TREATMENT: ELECTROPOLISH — MASS: 542g

APPROVALS — DATE — DRAWN: K. KRIMER — 4/15/97 — CHECKED — ISSUED

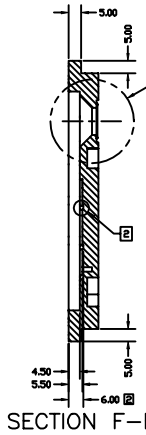
DWG TITLE: BACKPLATE FUV SI DETECTOR — SIZE B — PROGRAM IMAGE — DWG NO. 8037-A4 — REV E — SCALE FULL — SHEET 1 OF 3

NOTES:
1. REMOVE BURRS & BREAK SHARP EDGES
2. GROOVES FOR VENTING PURPOSES OF LOWER RECESS WHEN ASSEMBLED WITH MATING PART. CROSS SECTION MAY BE RECTANGULAR (SHOWN) OR SEMI-CIRCULAR PROVIDING MAX DEPTH IS NOT EXCEEDED AND GROOVES DO NOT BREAK INTO ANY TAPPED HOLE

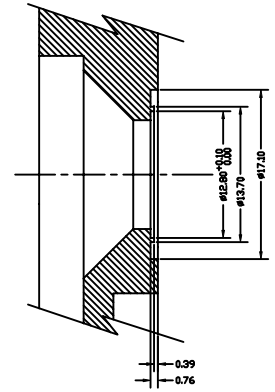
25.4 mm = 1 inch

THIRD ANGLE PROJECTION

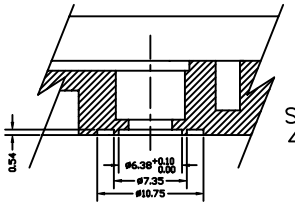
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
E	MOVED Ø0.33 HOLE AND CHANGED TO #11 WITH #12.8 CBORE	8/16/97	



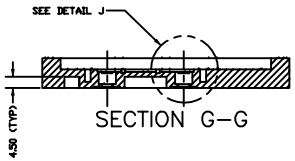
SECTION F–F



DETAIL H
SCALE=4:1



DETAIL J
SCALE=4:1
4 PLACES



SECTION G–G

SIZE B — PROGRAM IMAGE — DWG NO. 8037-A4 — REV E — SCALE FULL — SHEET 2 OF 3