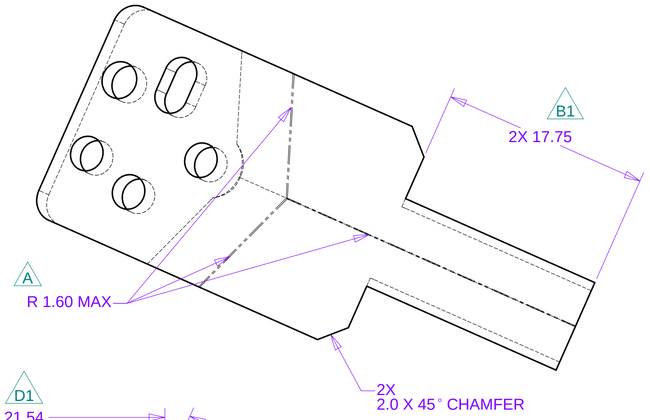
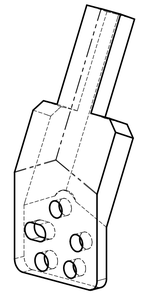
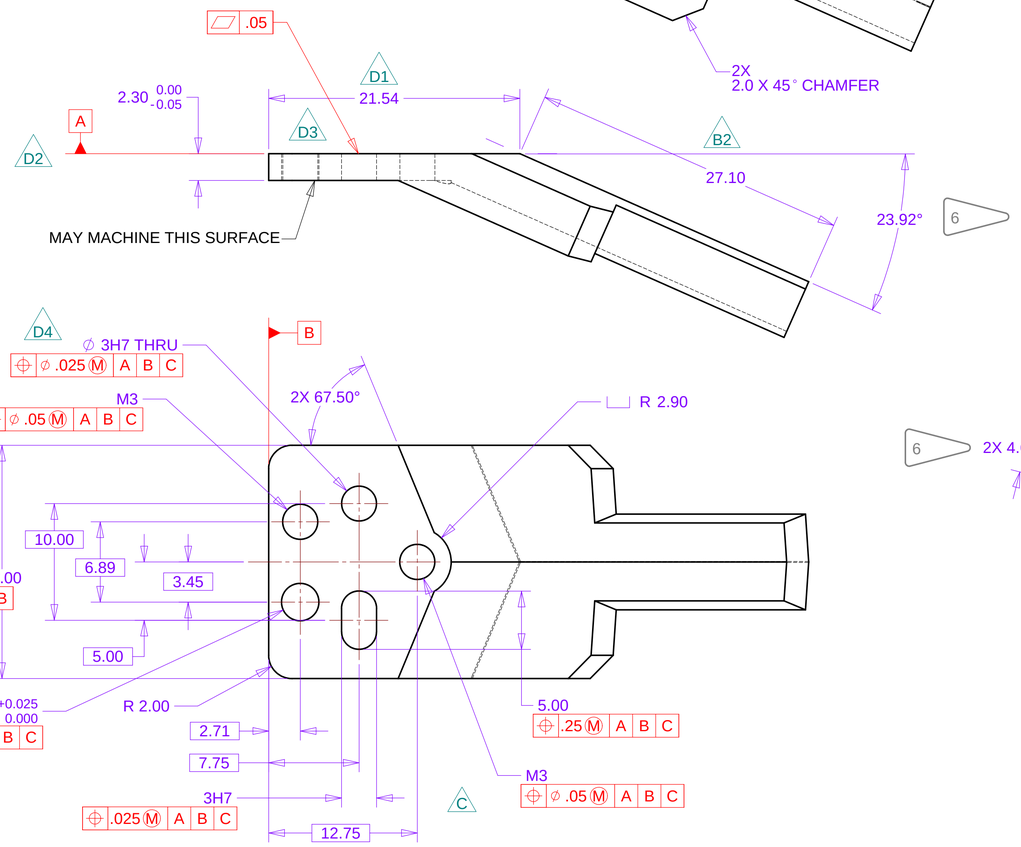
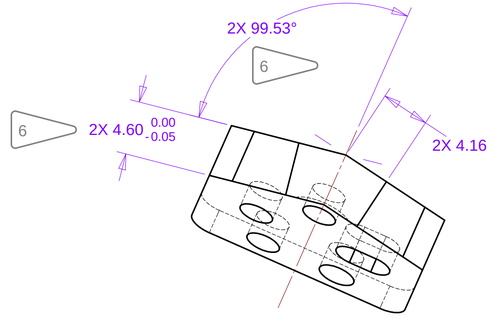
DWG. NO.	SIZE	REV.	SH.
21F727		D	1

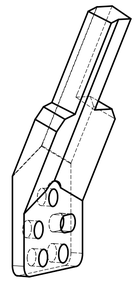
DESCRIPTION	MATERIAL	MAT. LOCATION











MATERIAL:
YSH50 woven cloth (140 gsm FAW) impregnated with YLA RS-3 CE resin, nominally 60% fiber fraction, fiber orientation 0,+45,-45, 90/s

Volume = 4.231 cubic centimeters

NOTES: UNLESS OTHER WISE SPECIFIED

1. ALL DIMENSIONS IN MILLIMETERS
2. DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994
3. SURFACE TEXTURE PER ANI/ASME B 46.1-1985
4. PARTS TO BE THOROUGHLY CLEANED AND PREPPED FOR BONDING. NO MACHINE OIL ALLOWED.
5. PART NUMBER (DRAWING NO., DASH NO., REVISION NO., SERIAL NO.) TO BE CLEARLY MARKED ON THE PART ITSELF.

6 DIMENSIONS AND TOLERANCES ARE “AS MOLDED”, AND ARE TO BE OBTAINED USING MOLDING FIXTURES DURING FORMING ONLY. NO MACHINING ALLOWED WITHOUT PRIOR APPROVAL.

7. ONLY CARBIDE CUTTING TOOLS ALLOWED TO PREVENT EDGE CHIPPING AND FRAYING.

THIRD ANGLE PROJECTION

REV	DWG	CHK	ZONE	DATE	CHANGES
D4			C7	01/17/03	Hole Pattern Revised
D3			C6	01/17/03	removed 16.50
D2			C7	01/17/03	removed 4.60
D1			C6	01/17/03	21.54 was 34.16
C1			A6	10/04/02	removed 3X
B2			C4	10/04/02	32.81 was 33.81
B1			D4	10/04/02	2X 17.75 was 2X 18.75
A			C6	06/24/02	added R 1.60 MAX

UNLESS OTHERWISE SPECIFIED
TOLERANCES: X.X ± 0.5 | FRAC. ± 1/64 | X.XX ± 0.25 | ANGLES ± 30' | X.XXX ± 0.013 | FINISH 1.6
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 TREATMENT
IDEN METHOD | TAG
PROJECT NUMBER: ATL-IP-ED-XXXX
PROJECT NAME: US ATLAS SILICONE SUBSYSTEM
DWG BY: Roger Smith | DATE 04/15/2002
CHK BY: CKD BY | DATE 04/15/2002
APR BY: APPROVED | DATE 04/15/2002

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

LBNL ATLAS
END CONE INNER VERTEX
LONG END

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 4:1	DO NOT SCALE PRINTS
	PART	nnXnnn	SHEET 1 OF 1	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CIDE	DWG. NO.	SIZE / REV.
	P1AP-11	AP6250	21F727	D