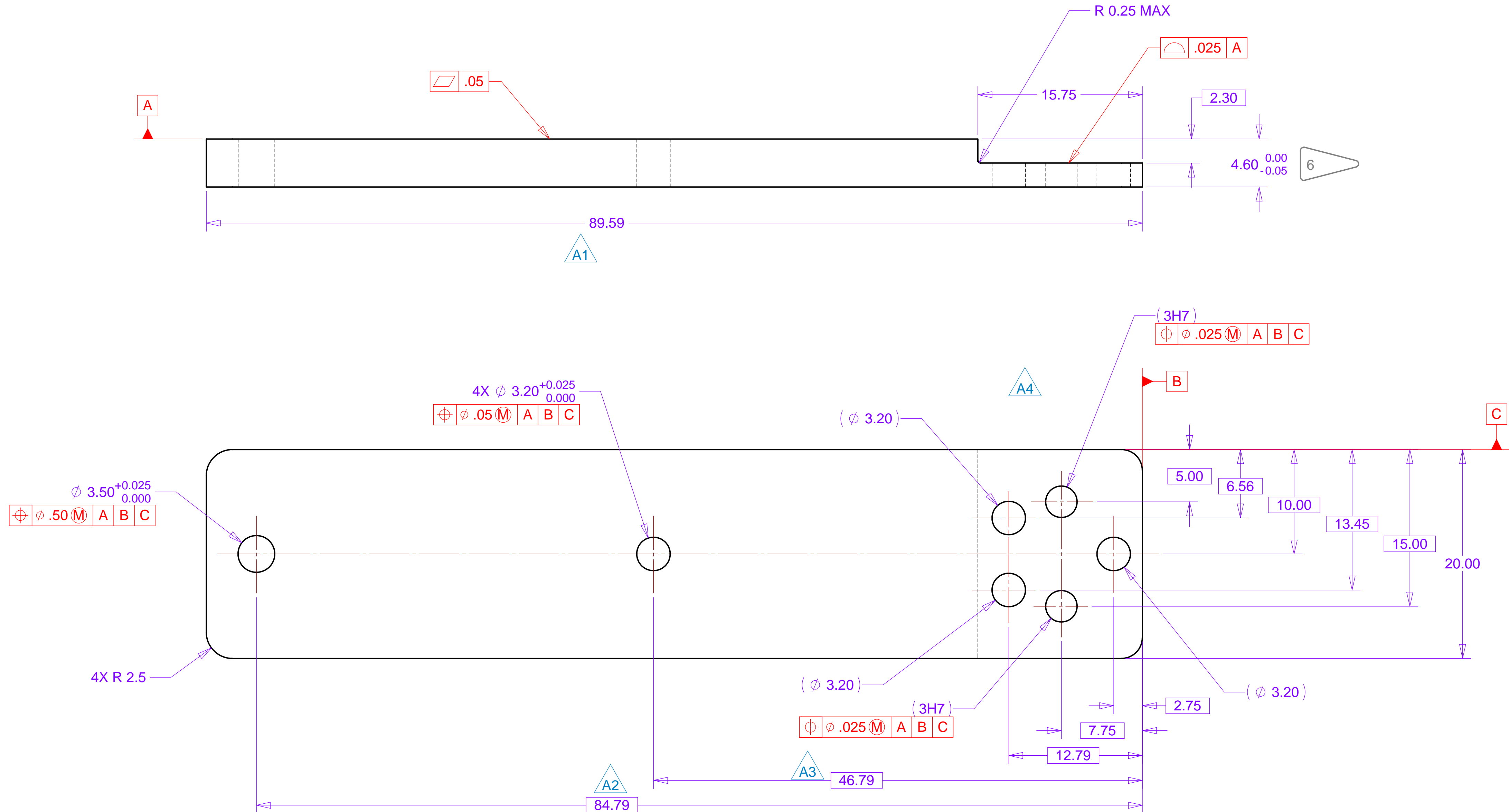


DWG. NO. 21F733		SIZE	REV. A	SH. 1	1	
ITEM	PART NO	REQD	DESCRIPTION			MATERIAL



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

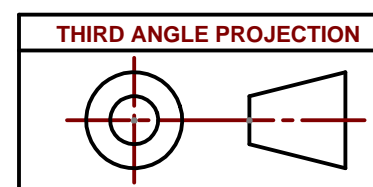
Volume = 5.710 cubic centimeters

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.

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.



A4			C3	01/17/03	End Hole Pattern Revised
A3			B4	01/17/03	46.79 was 28.95
A2			B5	01/17/03	84.79 was 66.95
A1			C5	01/17/03	89.59 was 71.75
REV	DWG	CHK	ZONE	DATE	CHANGES

TOLERANCES:	UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER NO.	ERNEST ORLANDO LAWRENCE					
	X.X ± 0.5	FRAC. ± 1/64	ACCT	NO. REQD	DATE ISSD	BERKELEY NATIONAL LABORATORY					
	X.XX ± 0.25	ANGLES ± 30'	DEL TO		DATE REQD	UNIVERSITY OF CALIFORNIA - BERKELEY					
	X.XXX ± 0.013	FINISH 1.6	SURFACE TREATMENT								
DO NOT SCALE PRINT						LBNL ATLAS A SIDE END CONE MOUNT PAD INLINE HOLES					
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 SPATTER & LOOSE SCALE											
IN ACCORDANCE WITH ASME Y14.5M & B46.1											
PROJECT NAME: US ATLAS SILICONE SUBSYSTEM DWG BY: Roger Smith CHK BY: CKD BY APR: APPROVED						MICROFILMED:	DWG. TYPE ASSEM	SHOWN ON nnXnnn	SCALE: 4:1	DO NOT SCALE PRINTS	
DATE 04/15/2002						DATE 04/15/2002			SHEET 1	OF 1	
PATENT CLEAR:						DESIGN ACCT. NO. P1AP-11	CATEGORY CODE AP6250	DWG. NO. 21F733	SIZE	REV. A	
DATE 04/15/2002											