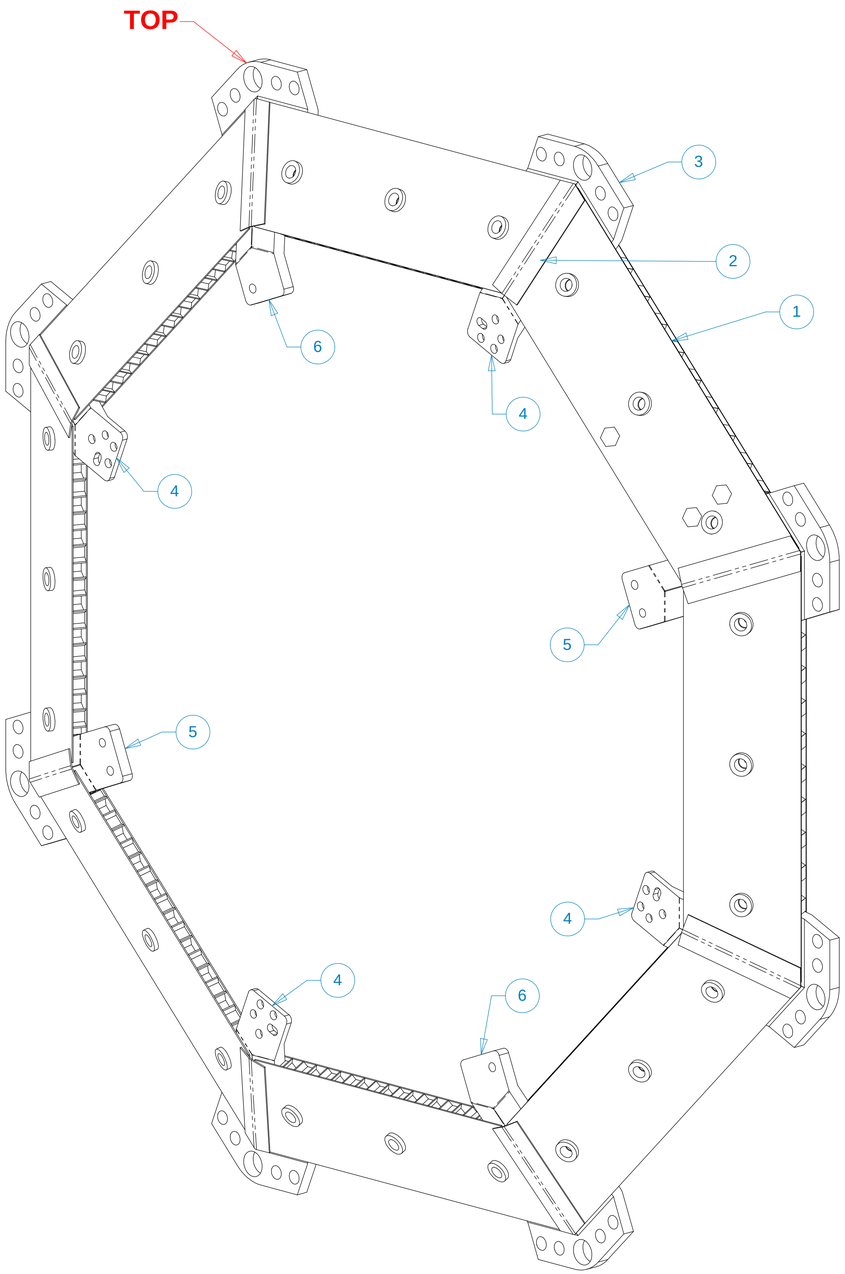
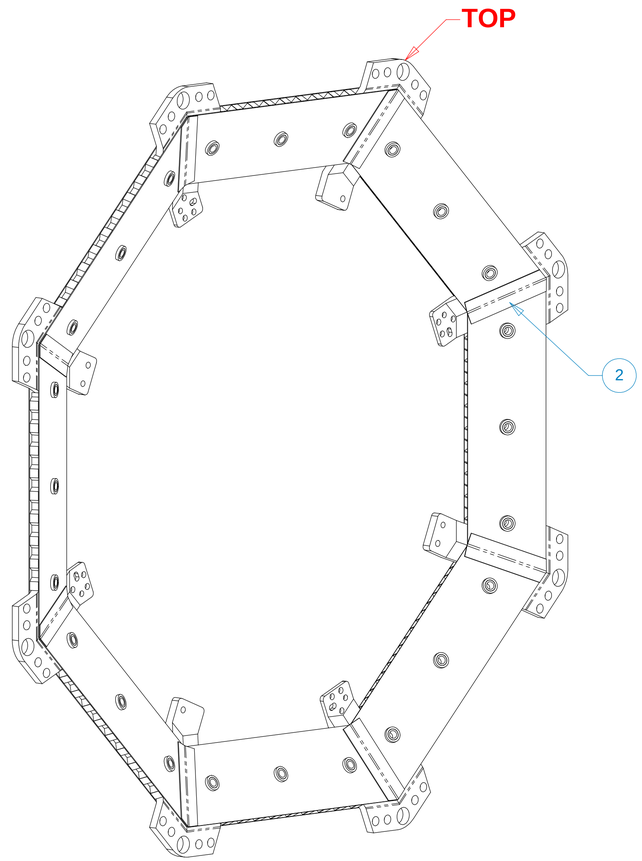
DWG. NO.	SIZE	REV.	SH.
21F735	B	1	

ITEM	PART NO.	QTY	DESCRIPTION	MATERIAL
1	21F722	8	Flat Panel Assembly	
2	21F723	8	Corner Stiffener	
3	21F725	16	Outer Corner Vertex	
4	21F727	4	Inner Corner Vertex Long End	
5	21F736	2	Inner Corner Vertex Two Hole C Side	
6	21F737	2	Inner Corner Vertex One Hole C Side	





THIRD ANGLE PROJECTION

REV	DWG	CHK	ZONE	DATE	CHANGES
B	1 & 2			01/17/03	Item 4 revised
A	2		A3	11/18/02	Added view D-D

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	
DEL TO			
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
APPR BY	APPROVED	DATE	04/15/2002

SER NO.
DATE ISSD
DATE REQD
ALL FILES BLOCK SUBSYSTEM DWGS

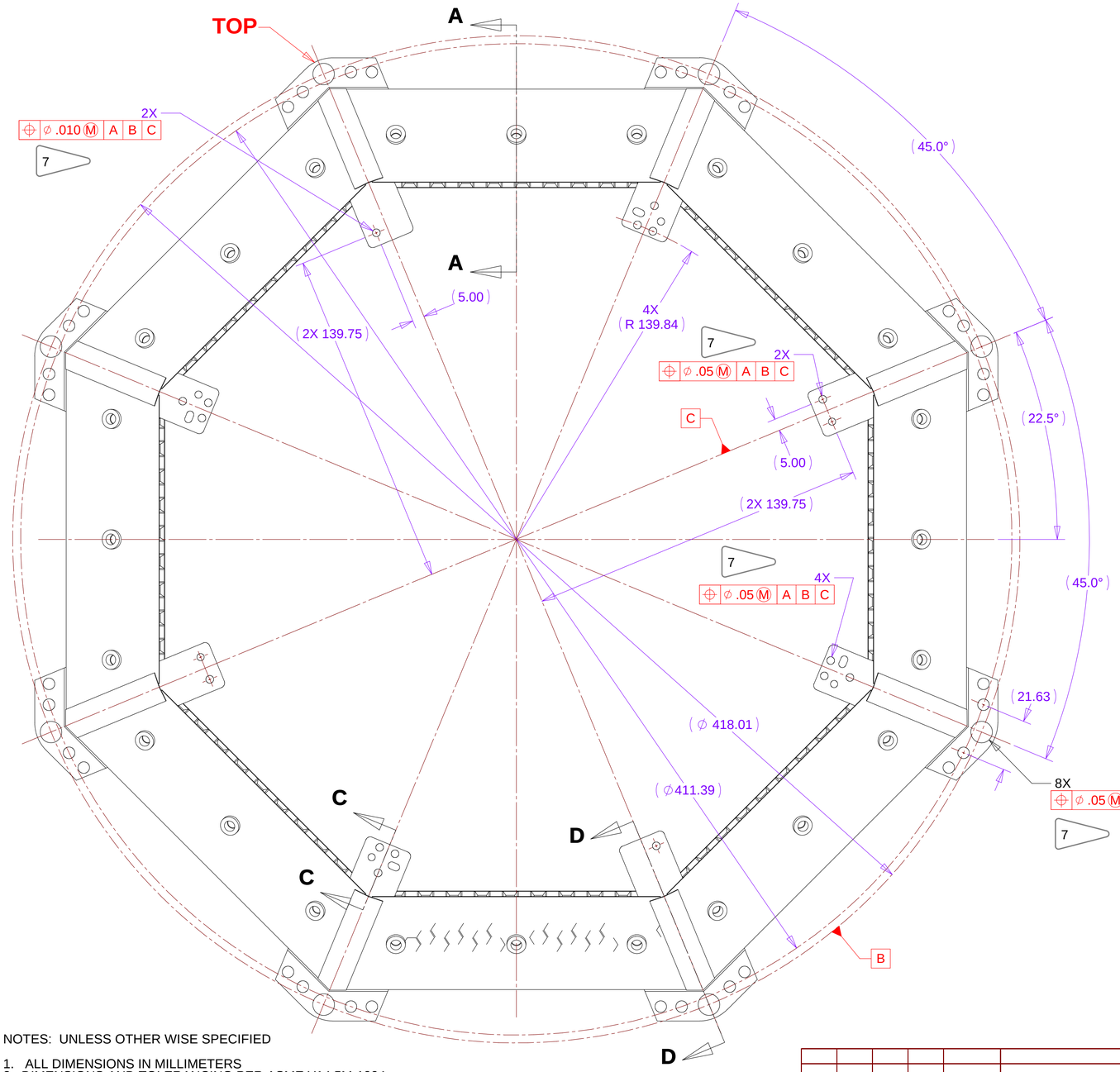
ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

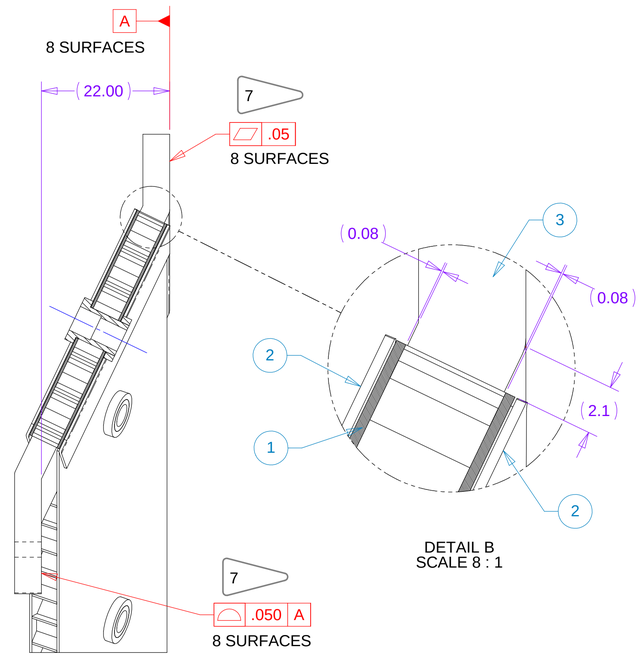
LBNL ATLAS
BASIC C SIDE END CONE FRAME

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 1:1	DO NOT SCALE PRINTS
	ASSEM	nnXnnn	SHEET 1 OF 2	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CIDE	DWG. NO.	SIZE / REV.
	P1AP-11	AP6250	21F735	B

DWG. NO.	SIZE	REV.	SH.
21F735	B		2

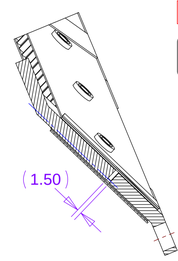
ITEM	PART NO	REQD	DESCRIPTION	MATERIAL





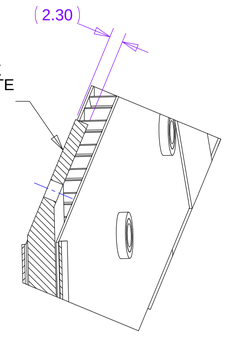
DETAIL B
SCALE 8 : 1

SECTION A-A
SCALE 2 : 1



SECTION D-D

MACHINED PROFILE
IN AS BONDED STATE
4 SURFACES
.050 A
7



SECTION C-C
SCALE 2 : 1

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 RESIDUAL ADHESIVE REMOVED.
5. PART NUMBER (DRAWING NO., DASH NO., REVISION NO., SERIAL NO.) TO BE CLEARLY MARKED ON THE PART ITSELF.
6. BOND ASSEMBLY USING HYSOL ADHESIVE EA 9396.

7 DIMENSIONS AND TOLERANCES ARE “AS BONDED AND REFERENCE”, AND ARE TO BE OBTAINED USING BONDING FIXTURES DURING ASSEMBLY ONLY. NO MACHINING ALLOWED WITHOUT PRIOR APPROVAL.

THIRD ANGLE PROJECTION

REV	DWG	CHK	ZONE	DATE	CHANGES
B	1 & 2			01/17/03	Item 4 revised
A	2		A3	11/18/02	Added view D-D

UNLESS OTHERWISE SPECIFIED

TOLERANCES:
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X.XX ± 0.25 | ANGLES ± 30'
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IN ACCORDANCE WITH ASME Y14.5m & B46.1

SHOP ORDERS

SER NO.			
ACCT NO.		NO. REQD	
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	1/17/2003
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
BASIC C SIDE END CONE FRAME

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE:	DO NOT SCALE PRINTS
	ASSEM	nnXnnn	1:1	SHEET 2 OF 2

PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CIDE	DWG. NO.	SIZE	REV.
	P1AP-11	AP6250	21F735		B