



FIND/REF.#		QTY.	U.M.	PART NAME	MATERIAL	PART DESCRIPTION	REF. SHEET/DWG.
PARTS LIST							
UNLESS OTHERWISE SPECIFIED:				PERMISSIBLE VARIATION IN INCH DIMENSIONS WITHOUT TOLERANCES			
1. DIMENSIONS ARE IN INCHES.				FABRICATION TOLERANCES		MACHINING TOLERANCES	
2. MACHINE SURFACES TO BE FLAT, SQUARE, PARALLEL & CONCENTRIC WITHIN .001 FOR 5 INCHES OR .001 TIR AS APPLICABLE.				BELOW 12	±0.10	DECIMAL PLACES: X & X.X	X.XX
3. MARK ALL DETAILS (EXCEPT COMMERCIAL PARTS) WITH DWG. & ITEM NUMBER.				12 TO 60	±0.13	BELOW 18	±0.015
4. BREAK ALL SHARP CORNERS .01 x 45° CHAMFER.				60 TO 180	±0.20	18 TO 48	±0.030
5. FILLETS SHOWN SHARP = .04 RAD.				OVER 180	±0.30	OVER 48	±0.045
6. TAPPED HOLES: UNIFIED CLASS 2B THREAD., MIN DEPTH 1.5 x DIA.				ANGLE TOLERANCE ±0.5°		ANGLE TOLERANCE ±0.1°	
7. C'SINK BORED & REAMED HOLES 1/16 x 45°.				SURFACE TEXTURE $\sqrt{125}$			
8. CENTERS PERMISSIBLE.				TOLERANCES ARE NOT ACCUMULATIVE			
9. DO NOT SCALE DRAWING.				<b>ATLAS - BMC</b> <b>BRANDEIS</b>			
10. ALL WELDING TO CONFORM TO LATEST A.W.S. STANDARDS							
DRAWING INFORMATION		SIZE		SCALE		PROJECT NUMBER	
NAME	DATE	D	4/1	DRAWING NUMBER			
DRAWN	N.S. 04/20/06	TITLE		SHEET			
CHECKED	J.B. 04/20/06	ALIGNMENT		REVISION			
APPROVED		BCAM PLATE (BNL)		1 OF 1			
HIGH ENERGY PHYSICS LABORATORY				A			

MATERIAL: AL6061  
 QTY: 6 pcs