



DWG. NO.		SIZE		REV.	SH.		
2501534		1		1	1		
ITEM	PART NO	REQD	DESCRIPTION			MATERIAL	
3	27A003	2	Beampipe Cruciform Support Panel, Middle Segment			UCS-102-3/8-3.0 x 23mm thick	
2	250167	4	Longeron Support Cruciform Insert, Standard Type			Al 6061-T6	
1	250161	2	Beampipe Cruciform Support Plate, Plain Type			CN60 PW 6k EX1515	

NOTE:  
1. FOR ASSEMBLY PROCESS DESCRIPTION  
SEE 250197.DWG, SHEETS 7-9.

					UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER NO. - DATE ISSD - DATE RECD -		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY													
					X.X ± 0.5		FRAC. ± 1/64		ACCT NO. NO. REQD 2		DEL TO E Anderssen													
					X.XX ± 0.05		Angles ± 1.00°																	
					X.XXX ± 0.010		FINISH 125/100		SURFACE TREATMT IDENT METHOD TAG															
					DO NOT SCALE PRINT				PROJECT NUMBER				ATLAS PIXEL DETECTOR											
					THREADS ARE CLASS 2				PROJECT NAME				BEAM PIPE AND SERVICES SUPPORT											
					CHAMFER ENDS OF ALL SCREW THREADS 30°				DATE 05-Sep-03				Beampipe Support Cruciform, Middle Position											
					CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS				DATE				MICROFILMED:		DWG. TYPE		SHOWN ON		SCALE: 1.000		DO NOT SCALE PRINTS			
					BREAK EDGES .019 MAX. ON MACHINED WORK				CHK BY N Hariman		DATE		ASSEMBLY		250150		250		51		SHEET 1 OF 1			
					REMOVE BURRS, WELD SPLATTER & LOOSE SCALE				APR BY E Anderssen		DATE		PATENT CLEAR:		DESIGN ACCT. NO. See WebJO		CATEGORY CODE		DWG. NO.		SIZE		REV.	
					IN ACCORDANCE WITH ASME Y14.5M & B46.1								API000						2501534		1			
REV	DWG	CHK	ZONE	DATE	CHANGES																			