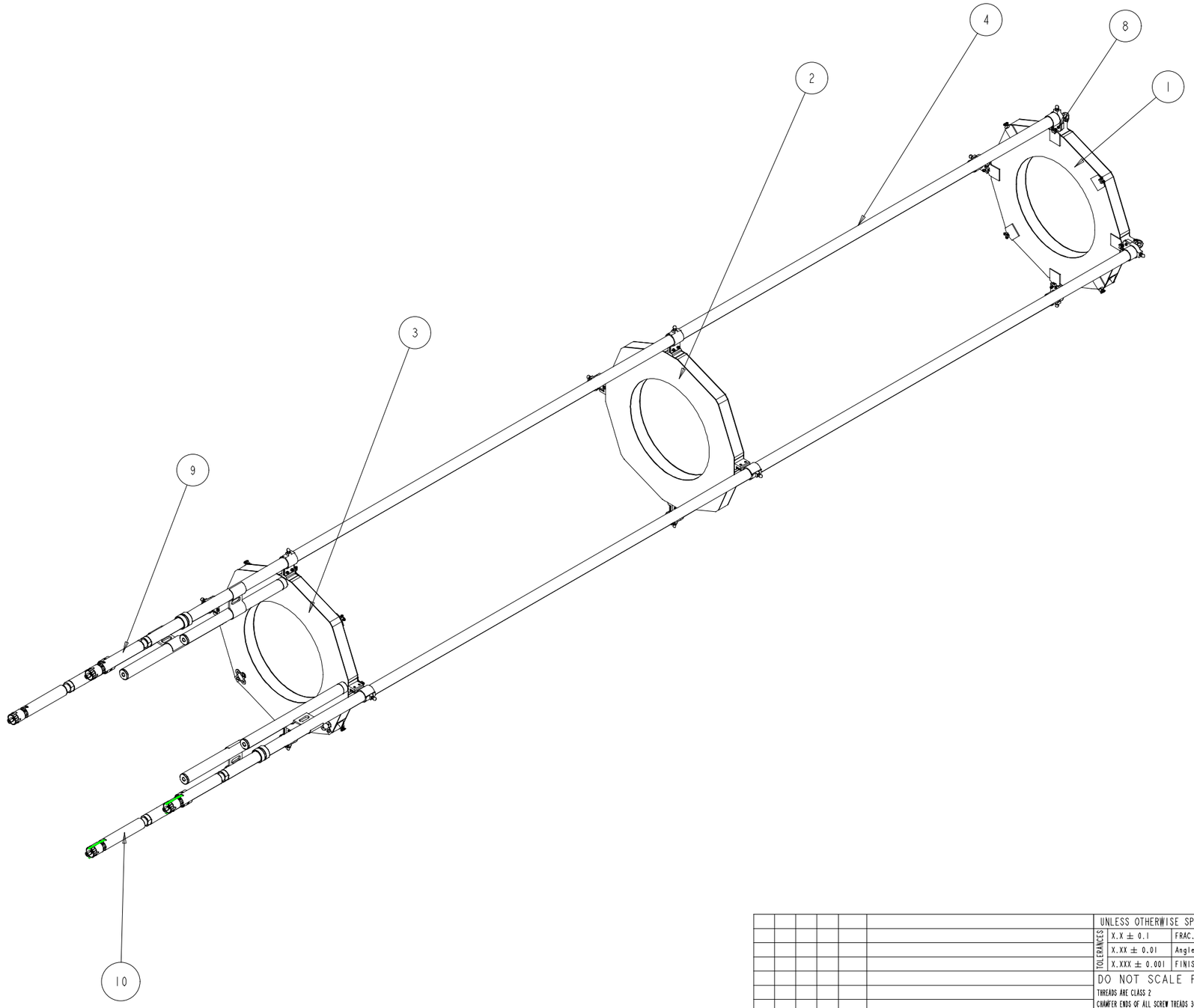
DWG. NO.	SIZE	REV.	SH.
2501504		1	1

ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
12	250040		Tension Mechanism	
11	250051		Position Mechanism	
10	250040		Tension Mechanism	
9	250051		Position Mechanism	
8			SHCS M3 by 8MM	
7	250155		Beampipe Support Longeron Assembly	
6	250155		Beampipe Support Longeron Assembly	
5	250155		Beampipe Support Longeron Assembly	
4	250155		Beampipe Support Longeron Assembly	
3	250154		Beampipe Support Cruciform, Forward Position	
2	250153		Beampipe Support Cruciform, Middle Position	
1	250152		Beampipe Support Cruciform, Barrel End	



REV	DWG	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED

TOLERANCES		
	X.X ± 0.1	FRAC. ± 1/64
	X.XX ± 0.01	Angles ± 0.50°
	X.XXX ± 0.001	FINISH 125 (μm)

DO NOT SCALE PRINT

THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW TREADS 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 1	SER NO.	-
DEL TO	E Anderssen	DATE ISSD	-
SURFACE TREATMT		DATE REQD	-
IDENT METHOD	TAG		
PROJECT NUMBER		(Tags)	
PROJECT NAME			
DWG BY	D Uken	DATE	05-Sep-03
CHK BY	N Hartman	DATE	
APR BY	E Anderssen	DATE	

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

ATLAS PIXEL DETECTOR
BEAM PIPE AND SERVICES SUPPORT
Main Assembly Side A

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 0.250	DO NOT SCALE PRINTS
	ASSEM	250XXX	SHEET 1 OF 1	
PATENT CLEAR:	DESIGN ACCT. NO. See WebJO	CATEGORY CODE API000	DWG. NO. 2501504	SIZE / REV. 1

Dwg. File: 250104_Model_File: 250104