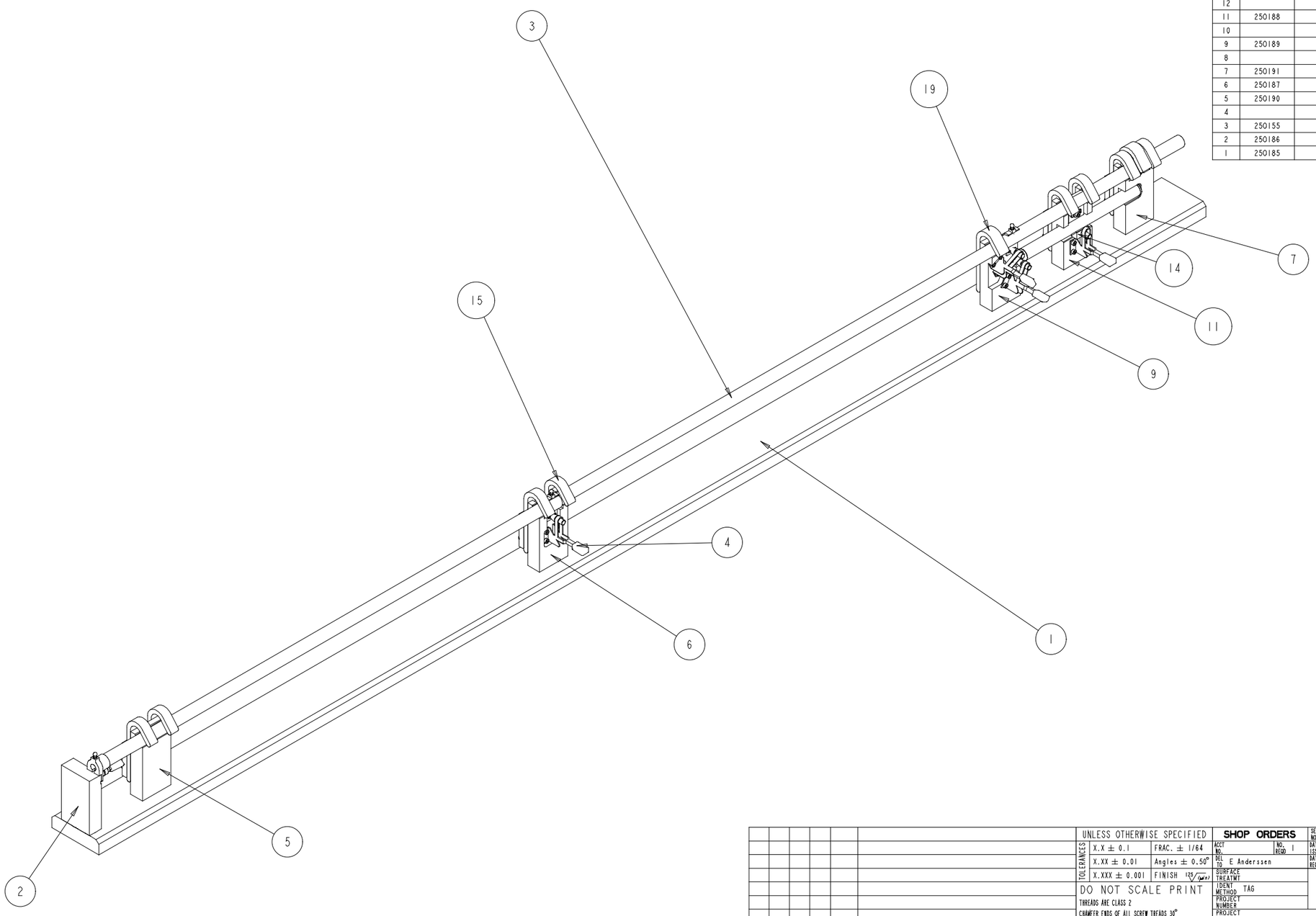
DWG. NO.	SIZE	REV.	SH.
2501844		1	1

ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
20	250196		Longeron Assy Fixture Individual Hanging Weight	Al 6061-T6
19	250196		Longeron Assy Fixture Individual Hanging Weight	Al 6061-T6
18	250195		Longeron Assy Fixture Hanging Weight Assembly	
17	250195		Longeron Assy Fixture Hanging Weight Assembly	
16	250195		Longeron Assy Fixture Hanging Weight Assembly	
15	250195		Longeron Assy Fixture Hanging Weight Assembly	
14	250194		Longeron Assy Fixture Destaco Clamp Tubeclamp Plunger	Al 6061-T6
13			Destaco 201U Vertical Handle Clamp	
12			Destaco 201U Vertical Handle Clamp	
11	250188		Longeron Assy Fixture Riser for Strut Longeron Brace	Al 6061-T6
10			Destaco 201U Vertical Handle Clamp	
9	250189		Longeron Assy Fixture Riser for Forward Attachment	Al 6061-T6
8			Destaco 201U Vertical Handle Clamp	
7	250191		Longeron Assy Fixture Riser for Sleeve and Strut End	Al 6061-T6
6	250187		Longeron Assy Fixture Riser for Middle Attachment	Al 6061-T6
5	250190		Longeron Assy Fixture Riser for Main Longeron Tube	Al 6061-T6
4			Destaco 201U Vertical Handle Clamp	
3	250155		Beampipe Support Longeron Assembly	
2	250186		Longeron Assy Fixture Riser for End Attachment	Al 6061-T6
1	250185		Longeron Support Assy Fixture Baseplate	Al 6061-T6



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			
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
Beampipe Longeron Support Assembly Fixture

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 0.310	DO NOT SCALE PRINTS
	ASSEM		SHEET 1 OF 1	
PATENT CLEAR:	DESIGN ACCT. NO. See WebJO	CATEGORY CODE API000	DWG. NO. 2501844	SIZE 1 REV. 1

Dwg. File: 250184_Model File: 250184