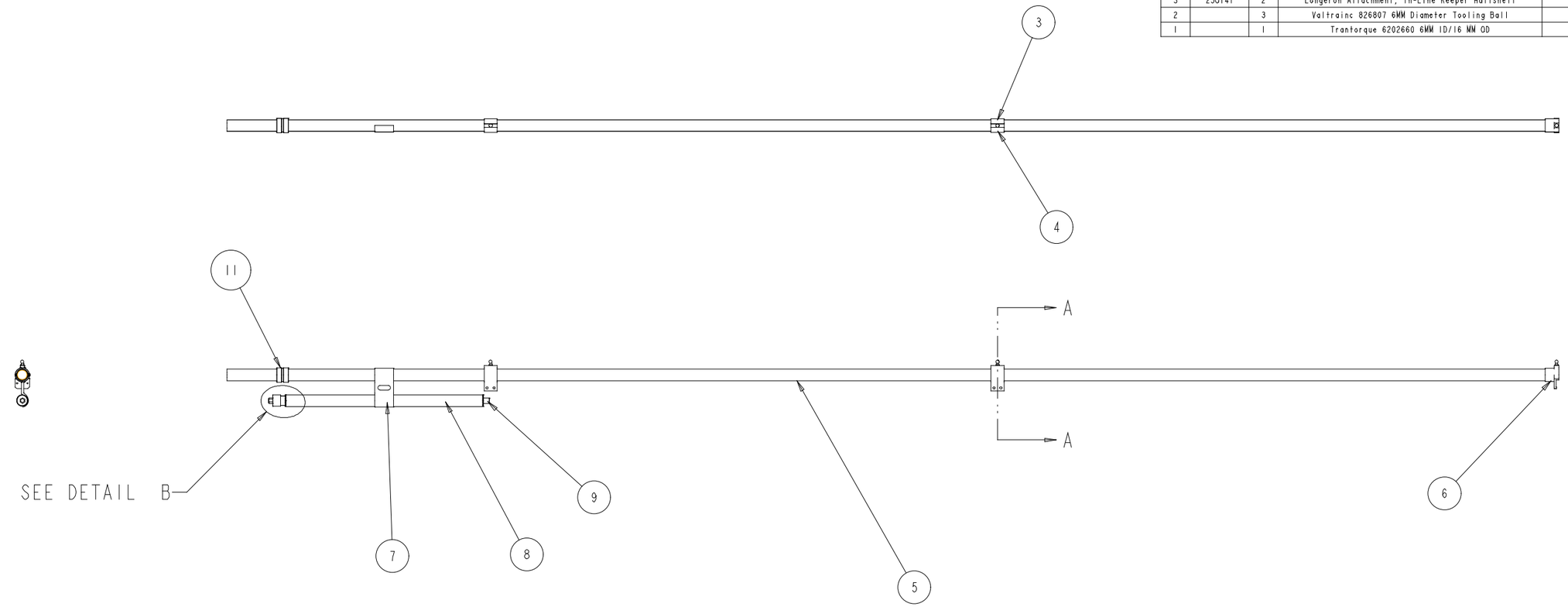
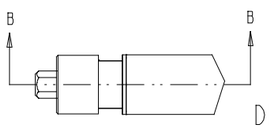
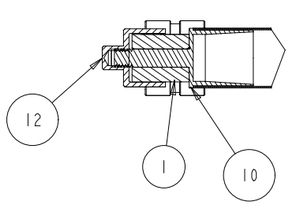
DWG. NO.	SIZE	REV.	SH.
2501554	1	1	

ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
12	27A005	1	Strut Longeron Sealing Cap	Aluminum 6061-T6
11	250182	1	Longeron Tube Sleeve	PEEK
10	250181	1	Strut Longeron Tube Trantorq Adapter	Al 6061-T6
9	250180	1	Strut Longeron Tube Mount Bushing	Al 6061-T6
8	250179	1	Strut Longeron Tube, 20 MM Diameter	P30 IkT PW / YSH80 UDT EX1515
7	250178	1	Longeron Stabilizer Bracket	Aluminum 6061-T6
6	250176	1	Longeron Support Attachment, Barrel End Type	Al 6061-T6
5	250175	1	Main Longeron Tube, 20 mm Diameter	P30 IkT PW / YSH80 UDT EX1515
4	250142	2	Longeron Attachment, In-Line Tooling Ball Halfshell	Al 6061-T6
3	250141	2	Longeron Attachment, In-Line Keeper Halfshell	Al 6061-T6
2		3	Valtrainc 826807 6MM Diameter Tooling Ball	
1		1	Trantorque 6202660 6MM ID/16 MM OD	

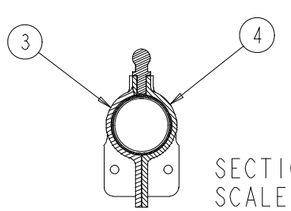




DETAIL B
SCALE 1.000



SECTION B-B



SECTION A-A
SCALE 1.000

REV	DWG	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED

TOLERANCES:
- X.X ± 0.5 — FRAC. ± 1/64
- X.XX ± 0.05 — Angles ± 1.00°
- X.XXX ± 0.010 — FINISH 125

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

SER NO.	-	
ACCT NO.	NO. REQD 8	DATE ISSD -
DEL TO	E Andersen	DATE REQD -
SURFACE TREATMT		
IDENT METHOD	TAG	
PROJECT NUMBER		
PROJECT NAME		
DWG BY	D Uken	DATE 05-Sep-03
CHK BY	N Hartman	DATE
APR BY	E Andersen	DATE

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

ATLAS PIXEL DETECTOR
BEAM PIPE AND SERVICES SUPPORT
Beampipe Support Longeron Assembly

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 0.250	DO NOT SCALE PRINTS
	ASSEM	250150 250 51	SHEET 1 OF 1	
PATENT CLEAR:	DESIGN ACCT. NO. See WebJO	CATEGORY CODE API000	DWG. NO. 2501554	SIZE REV. 1

Proj. File: 250150_Rev1_Dfile_250135