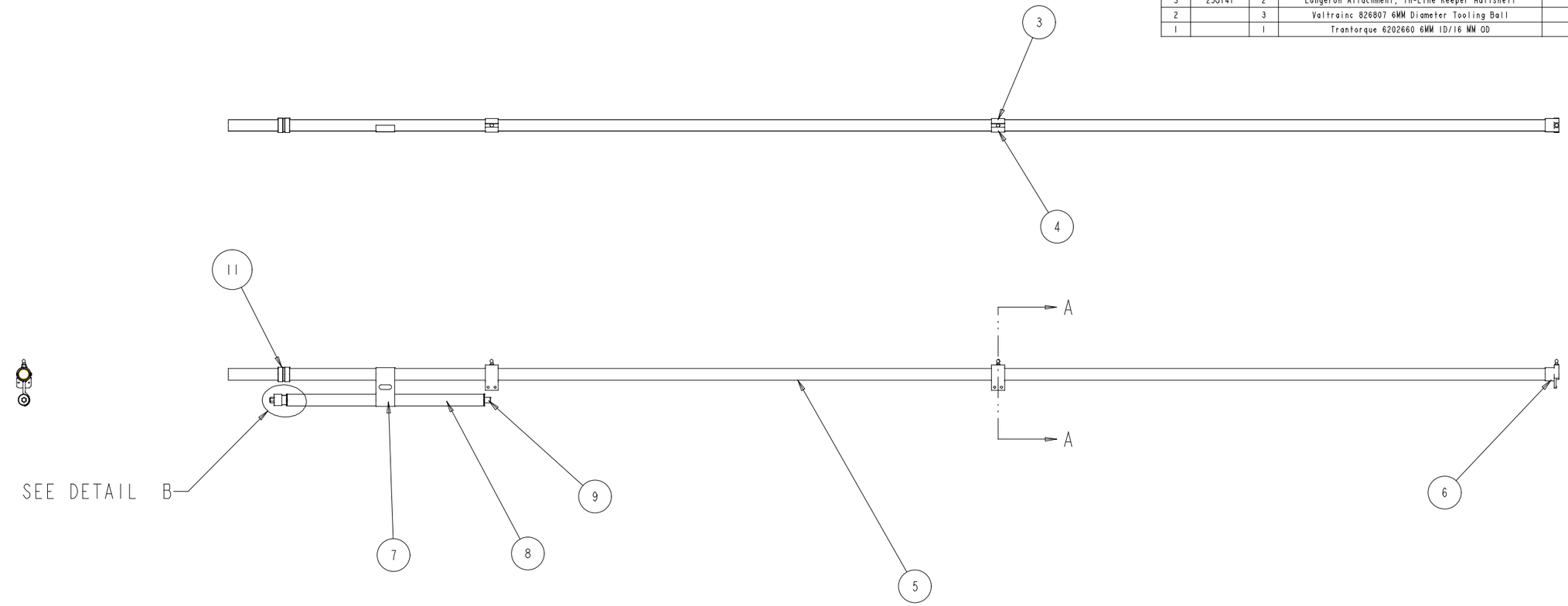
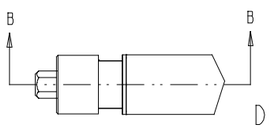
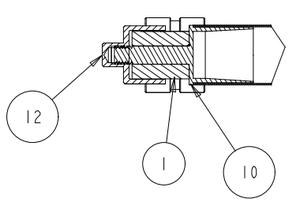
DWG. NO. 2501554 | SIZE | REV. 1 | SH. 1

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	

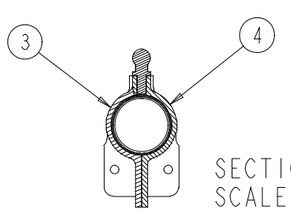




DETAIL B
SCALE 1.000



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

ACCT NO. | NO. REQD 8

DEL TO E Anderssen

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

SER NO. -

DATE ISSD -

DATE REQD -

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 ASSEM | SHOWN ON 250150 250 51 | SCALE: 0.250 | DO NOT SCALE PRINTS | **SHEET 1 OF 1**

PATENT CLEAR: | DESIGN ACCT. NO. See WebJO | CATEGORY CODE API000 | DWG. NO. 2501554 | SIZE | REV. 1

Proj. File: 250150_Rev1_Elec_250135

THIRD ANGLE PROJECTION