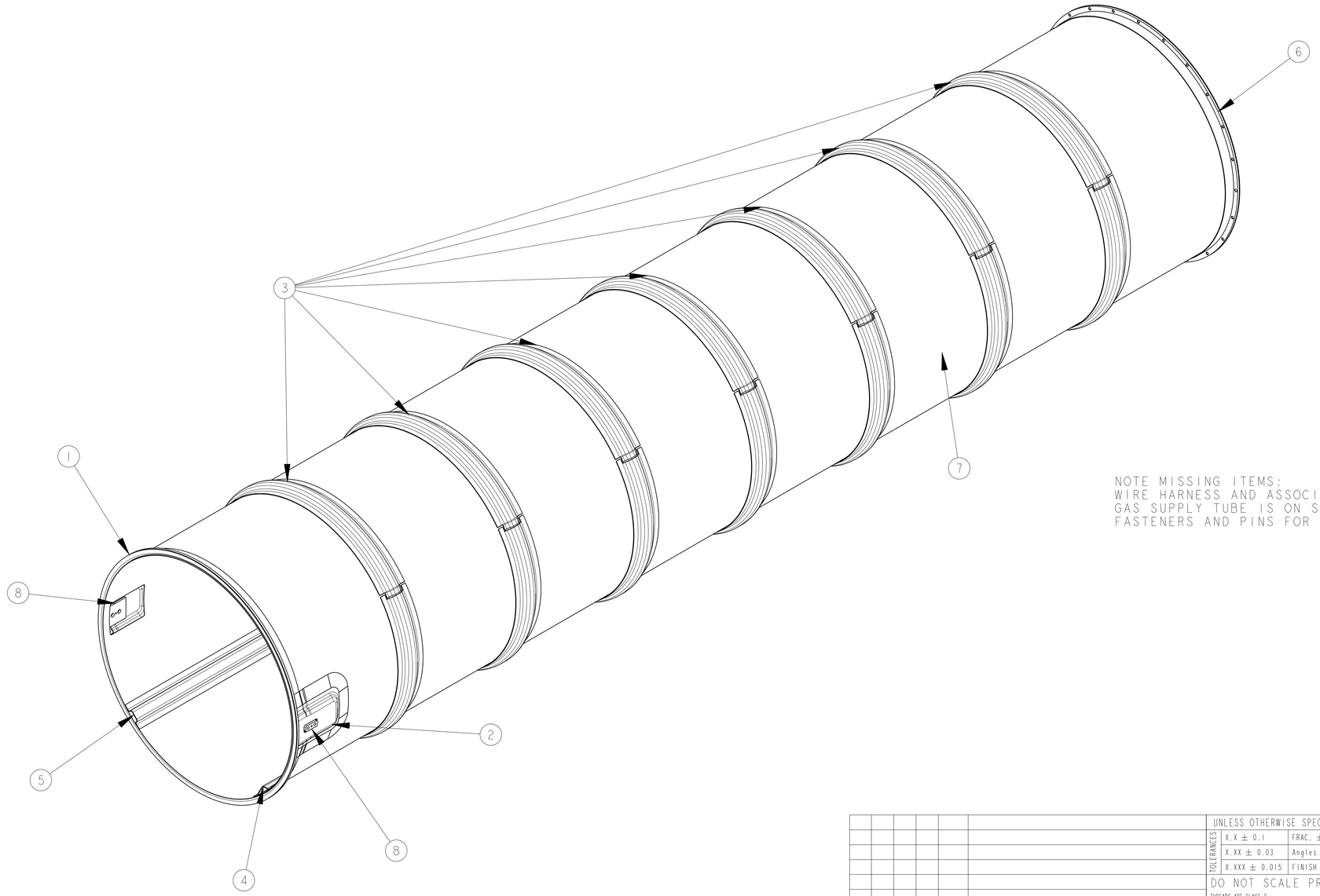
| DWG. NO. | SIZE | REV. | SH. |
|---|---|---|---|
| 2501144 | 1 | 1 | |

| ITEM | PART NO | REQD | DESCRIPTION | MATERIAL |
|---|---|---|---|---|
| 8 | 250119 | 2 | PST FLEXURE MOUNT BLOCK | - |
| 7 | 250118 | 1 | FORWARD SHELL LAMINATE | |
| 6 | 250116 | 1 | FORWARD FLANGE ASSEMBLY | |
| 5 | 250113-F | 1 | VEE RAIL FORWARD | - |
| 4 | 250113-F | 1 | FLAT RAIL FORWARD | P30 EX1515 |
| 3 | 250104 | 7 | HAT HOOP STIFFENER ARRAY OF THREE | - |
| 2 | 250099 | 2 | MOUNT PAD | CN60 EX1515 |
| 1 | 250005 | 1 | PPI FLANGE ASSEMBLY | |




NOTE MISSING ITEMS:
WIRE HARNESS AND ASSOCIATED CONNECTORS AND STRAIN RELIEF BLOCKS
GAS SUPPLY TUBE IS ON SIDE C ONLY
FASTENERS AND PINS FOR ATTACHMENT AND ALIGNMENT

| REV | DWG | CHK | ZONE | DATE | CHANGES |
|---|---|---|---|---|---|
| | | | | | |

UNLESS OTHERWISE SPECIFIED

TOLERANCES:
X.X ± 0.1 — FRAC. ± 1/64
X.XX ± 0.03 — Angles ± 0.25°
X.XXX ± 0.015 — FINISH 125 √(μin)

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**

| | | | |
|---|---|---|---|
| SER NO. | - | | |
| ACCT NO. | | NO. REQD | - |
| DEL TO | | DATE ISSD | - |
| | | DATE RCVD | - |
| SURFACE TREATMT | | | |
| IDENT METHOD | TAG | | |
| PROJECT NUMBER | | | |
| PROJECT NAME | US ATLAS SILICON SUBSYSTEM | | |
| DWG BY | HARTMAN | DATE | 17-Feb-03 |
| CHK BY | ANDERSSEN | DATE | |
| APR BY | GILCHRIESE | DATE | |

US ATLAS SILICON SUBSYSTEM Project

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

ATLAS PIXEL DETECTOR
PIXEL SUPPORT TUBE
PST FORWARD SIDE A ASSEMBLY

| MICROFILMED: | DWG. TYPE | SHOWN ON | SCALE: 1/4 | DO NOT SCALE PRINTS |
|---|---|---|---|---|
| | ASSEM | | SHEET 1 OF 1 | |
| PATENT CLEAR: | DESIGN ACCT. NO. | CATEGORY CODE | DWG. NO. | SIZE / REV. |
| | PIAP11 | AP6300 | 2501144 | 1 |

U:\ATLAS\PIXEL\Mech\Assy\FORWARD_INSTALL\PST_FORWARD_INSTALL_TUBE_A.iam