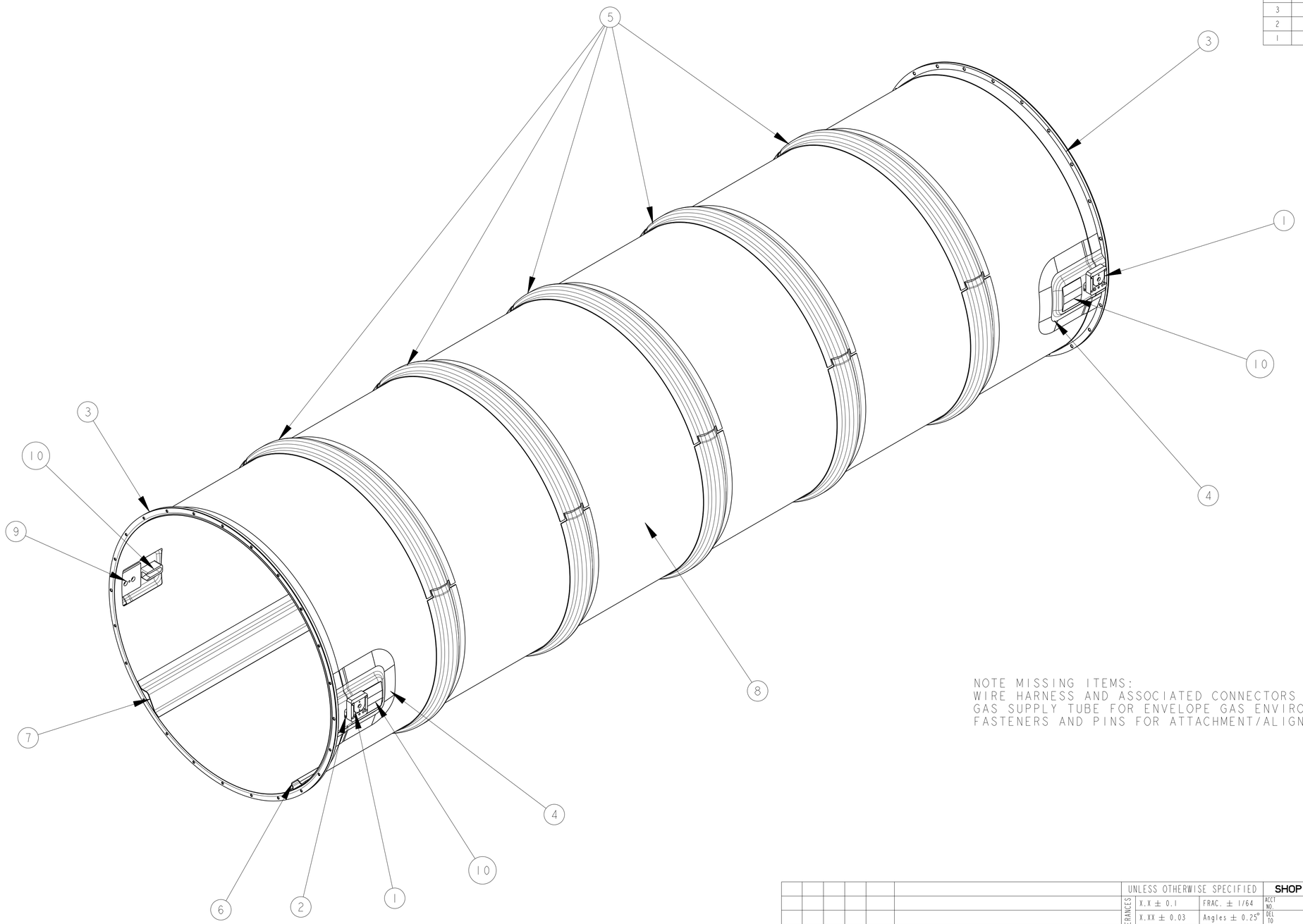
ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
10	250130	4	PIXEL MOUNT BLOCK GENERIC	Ti 6Al4V
9	250119	4	PST FLEXURE MOUNT BLOCK	-
8	250117	1	BARREL SHELL LAMINATE	
7	250115	1	FLAT RAIL BARREL	P30 EX1515
6	250113	1	VEE RAIL BARREL	-
5	250104	5	HAT HOOP STIFFENER ARRAY OF THREE	-
4	250099	4	MOUNT PAD	CN60 EX1515
3	250024	2	BARREL FLANGE ASSEMBLY	
2	210120	4	FLEXURE MOUNT SHIM	-
1	21F792	4	BARREL PST SUPPORT FLEXURE	Ti 6Al4V



NOTE MISSING ITEMS:
WIRE HARNESS AND ASSOCIATED CONNECTORS AND STRAIN RELIEF BLOCKS
GAS SUPPLY TUBE FOR ENVELOPE GAS ENVIRONMENT
FASTENERS AND PINS FOR ATTACHMENT/ALIGNMENT

SCALE 3/10

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

ACCT NO. / NO. REQD
DEL TO
SURFACE TREATMT
IDENT METHOD TAG
PROJECT NUMBER ATLIP-ED-XXXX
PROJECT NAME US ATLAS SILICON SUBSYSTEM
DWG BY HARTMAN — DATE 14-Feb-03
CHK BY — DATE
APR BY GILCHRIESE — DATE

SER NO. -
DATE ISSD -
DATE REQD -

US ATLAS SILICON SUBSYSTEM (Page)

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

ATLAS PIXEL DETECTOR
PIXEL SUPPORT TUBE
BARREL PST ASSEMBLY

MICROFILMED:
PATENT CLEAR:
DWG. TYPE: ASSEM
DESIGN ACCT. NO.: P1APII
SHOWN ON
CATEGORY CODE: AP6300
SCALE: 1/4
DO NOT SCALE PRINTS
SHEET 2 OF 2
DWG. NO.: 2501014
SIZE
REV.: 1

Dwg File: 250103 Model File: BARREL_INSTALL_TUBE_ASM