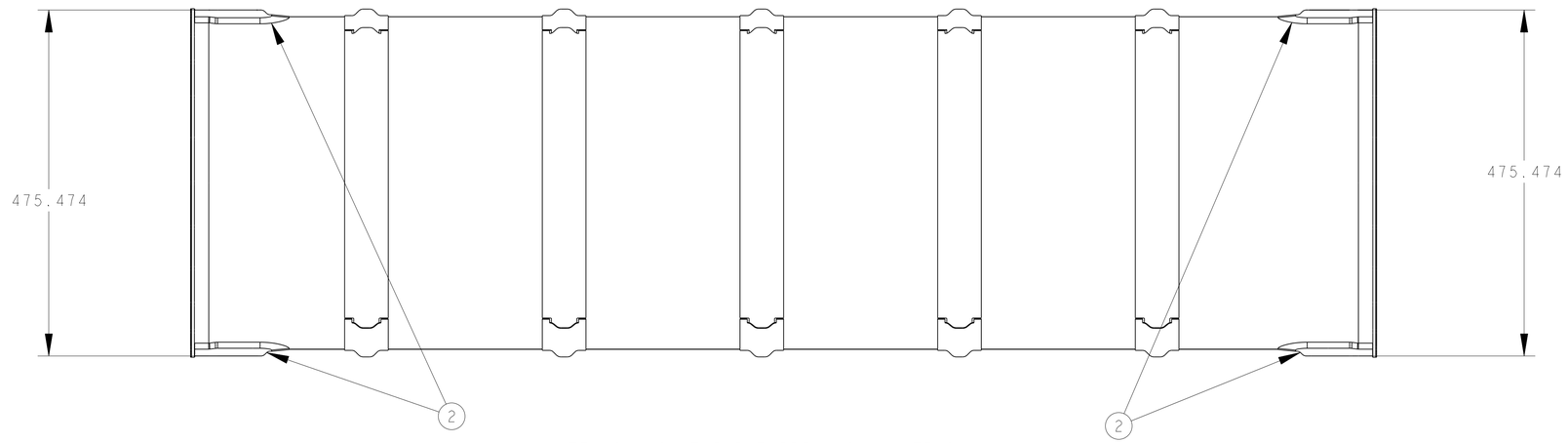
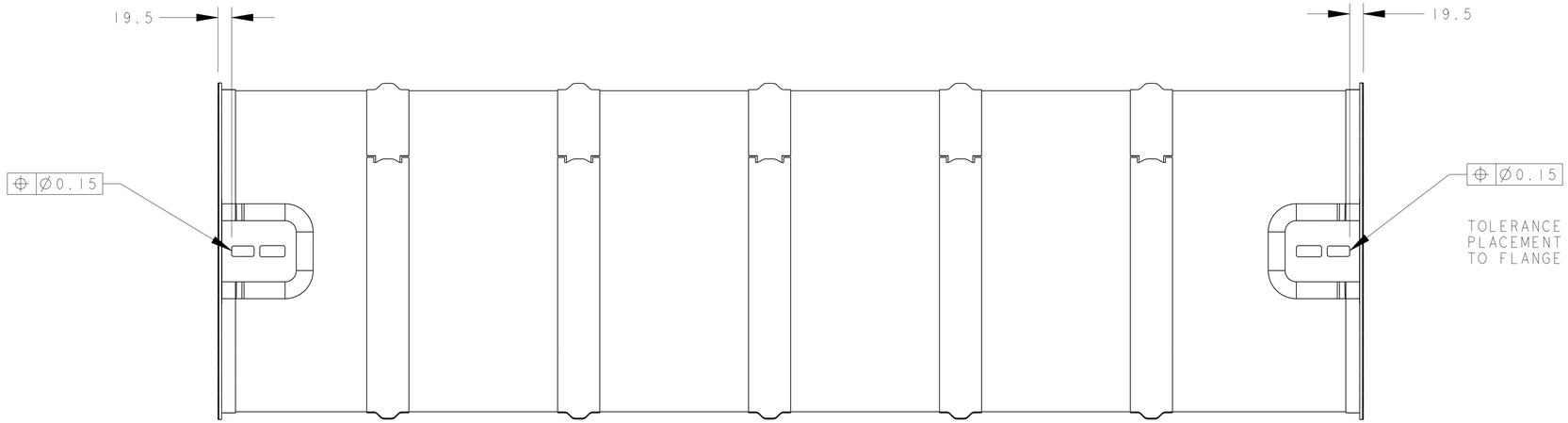
DWG. NO.	SIZE	REV.	SH.
2501094			1

ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
6	250117	1	BARREL SHELL LAMINATE	
5	250115	1	FLAT RAIL BARREL	P30 EX1515
4	250113	1	VEE RAIL BARREL	-
3	250104	5	HAT HOOP STIFFENER ARRAY OF THREE	-
2	250099	4	MOUNT PAD	CN60 EX1515
1	250024	2	BARREL FLANGE ASSEMBLY	



ITEM 2 (MOUNT PAD BARREL) ONLY ITEMS
ASSEMBLED AT THIS LEVEL--SEE LBL DWG #250108
FOR PREVIOUS ASSEMBLY DIMENSIONS



TOLERANCE RELATIVE TO LOCAL FLANGE
PLACEMENT FIXTURE LOCATES
TO FLANGE FIXTURE PLATE

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	SER NO.	-
DEL TO		DATE ISSD	-
SURFACE TREATMT		DATE REQD	-
IDENT METHOD	TAG		
PROJECT NUMBER	ATLIP-ED-XXXX	US ATLAS SILICON SUBSYSTEM (Tags)	
PROJECT NAME	US ATLAS SILICON SUBSYSTEM		
DWG BY	HARTMAN	DATE	15-Feb-03
CHK BY		DATE	
APR BY	GILCHRIESE	DATE	

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

ATLAS PIXEL DETECTOR
PIXEL SUPPORT TUBE
BARREL SHELL WITH MOUNT PADS

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
	PIAPII	AP6300	2501094	REV.

Dwg. File: 250109 Model File: 250109