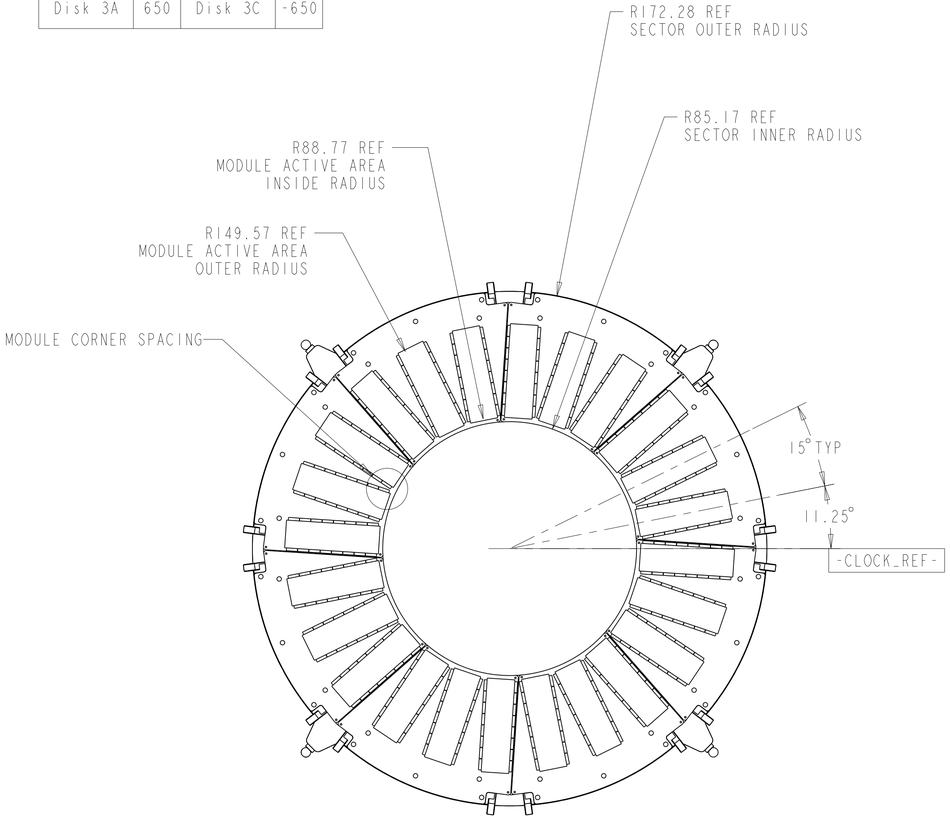
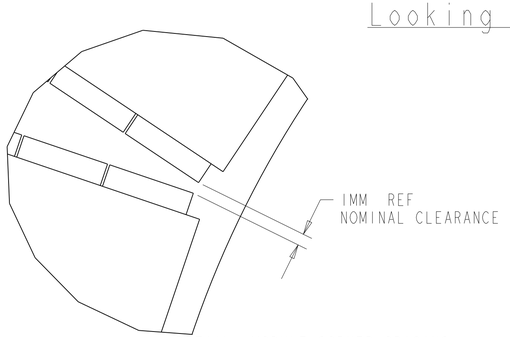
DWG. NO.	SIZE	REV.	SH.
21F3754	1	1	

DESCRIPTION	MATERIAL	MAT. LOCATION
	CARBON-CARBON	-

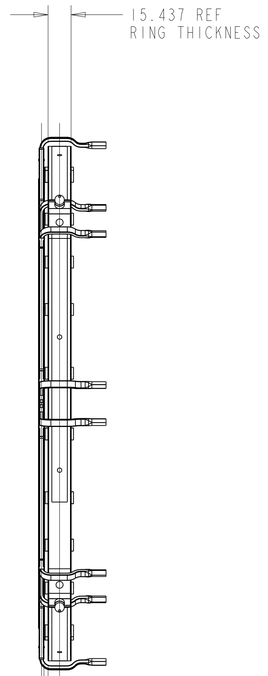
DISK	Z	DISK	Z
Disk 1A	495	Disk 1C	-495
Disk 2A	580	Disk 2C	-580
Disk 3A	650	Disk 3C	-650



Looking away from IP



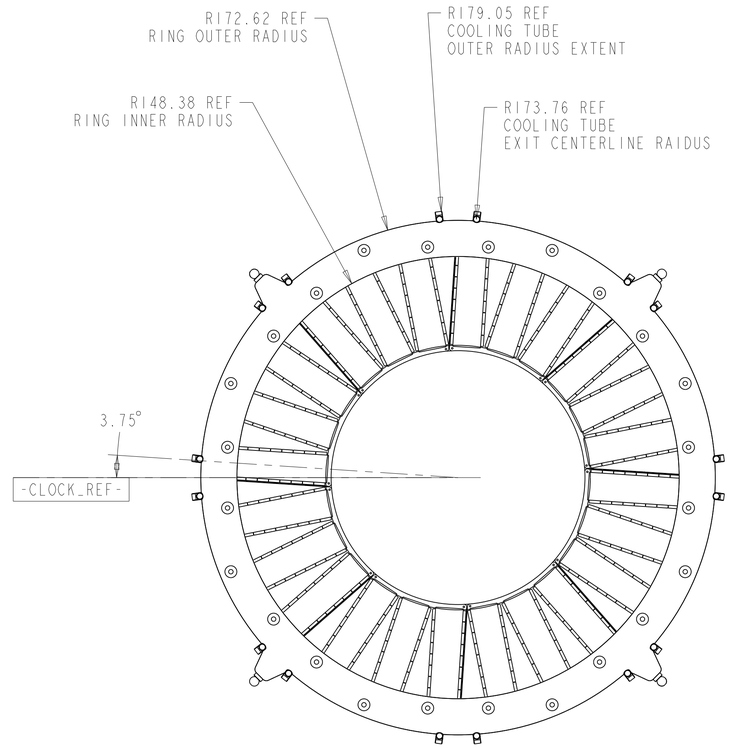
DETAIL MODULE CORNER SPACING
SCALE 4.000



2.75 REF
DISTANCE FROM SECTOR FACING TO RING FACING

12.13 REF
DISTANCE FROM RING MOUNTING PLANE TO SECTOR MIDPLANE

Z REF
DISTANCE FROM SECTOR MIDLANE TO IP



Looking towards IP

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 (Typical)

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 & 846.1

SHOP ORDERS

ACCT NO.	N/A	NO. REQD	6
DEL TO			
SURFACE TREATMT	-		
IDENT METHOD	TAG		
PROJECT NUMBER	ATLIP-ED-####		
PROJECT NAME	US ATLAS SILICON SUBSYSTEM		
DWG BY	D UKEN	DATE	12-Apr-01
CHK BY	E ANDERSSEN	DATE	4/10/01
APR BY	GILCHRIESE	DATE	4/12/01

SER NO. -
DATE ISSD -
DATE REQD -

US ATLAS SILICON SUBSYSTEM (Typ)

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

ATLAS PIXEL DETECTOR
DISK ASSEMBLY
DISK LAYOUT AND PARAMETERS

MICROFILMED:	DWG. TYPE: ASSEM	SHOWN ON	SCALE: 0.500	DO NOT SCALE PRINTS
			SHEET 1 OF 1	
PATENT CLEAR:	DESIGN ACCT. NO.: P1AP11	CATEGORY CODE: AP3100	DWG. NO.: 21F3754	SIZE: 1 / REV.:

Dwg. File: DISK-RING-ASM.Model File: DISK-RING-ASM.