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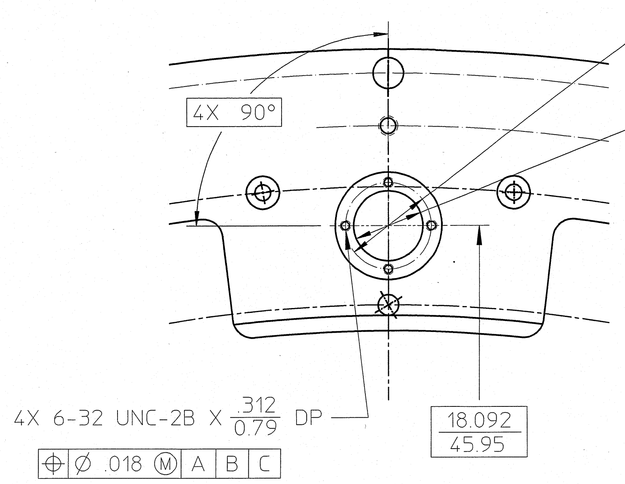
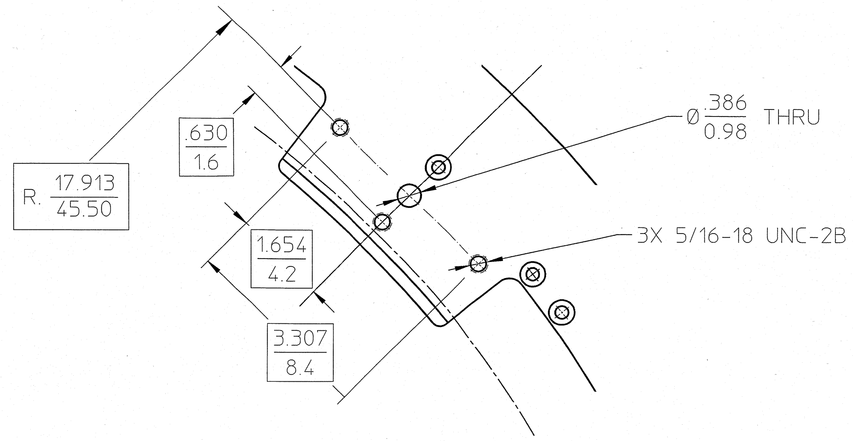
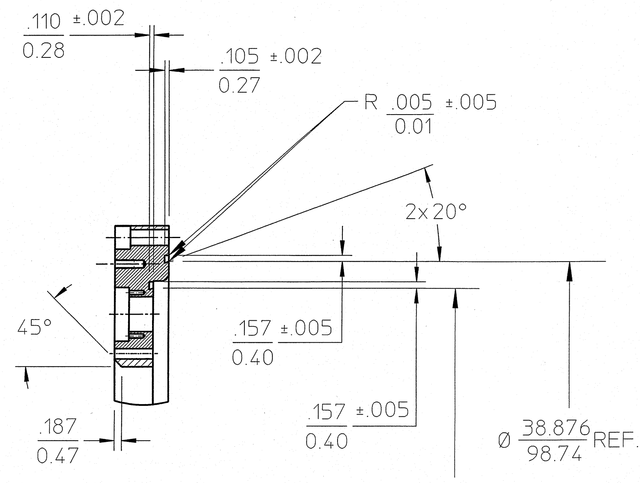


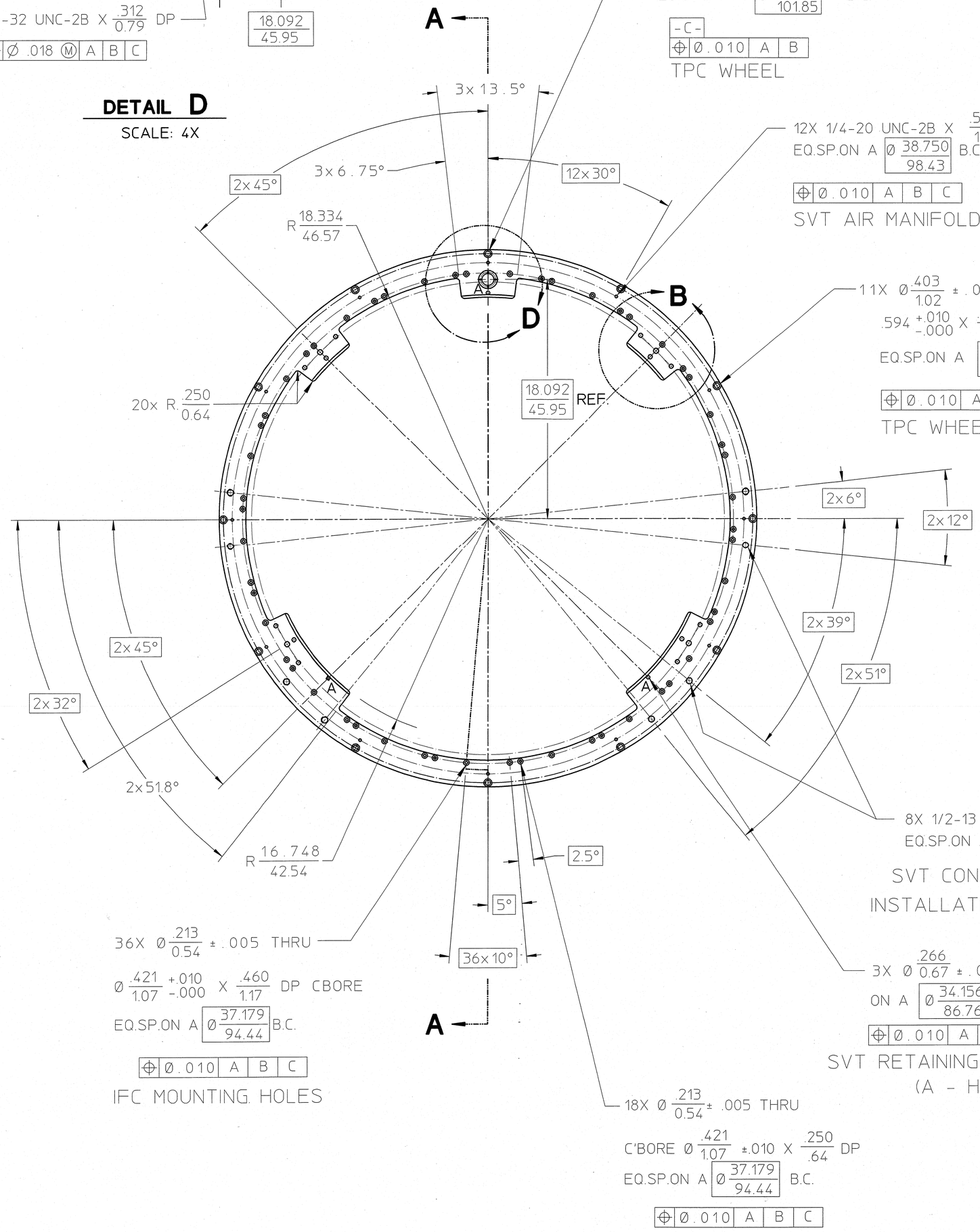
DETAIL D
SCALE: 4X



DETAIL B
4 PLACES
SCALE: 3X



DETAIL C Ø 37.518 / 95.3 REF.
SCALE: 2X



12X 1/4-20 UNC-2B X .500 / 1.27 DP.
EQ.SP.ON A Ø 38.750 / 98.43 B.C.
⌖ Ø .010 A B C
SVT AIR MANIFOLD

11X Ø .403 / 1.02 ± .005 THRU
.594 +.010 / -.000 X .440 / 1.12 DP. CBORE
EQ.SP.ON A Ø 40.098 / 101.85 B.C.
⌖ Ø .010 A B C
TPC WIRE

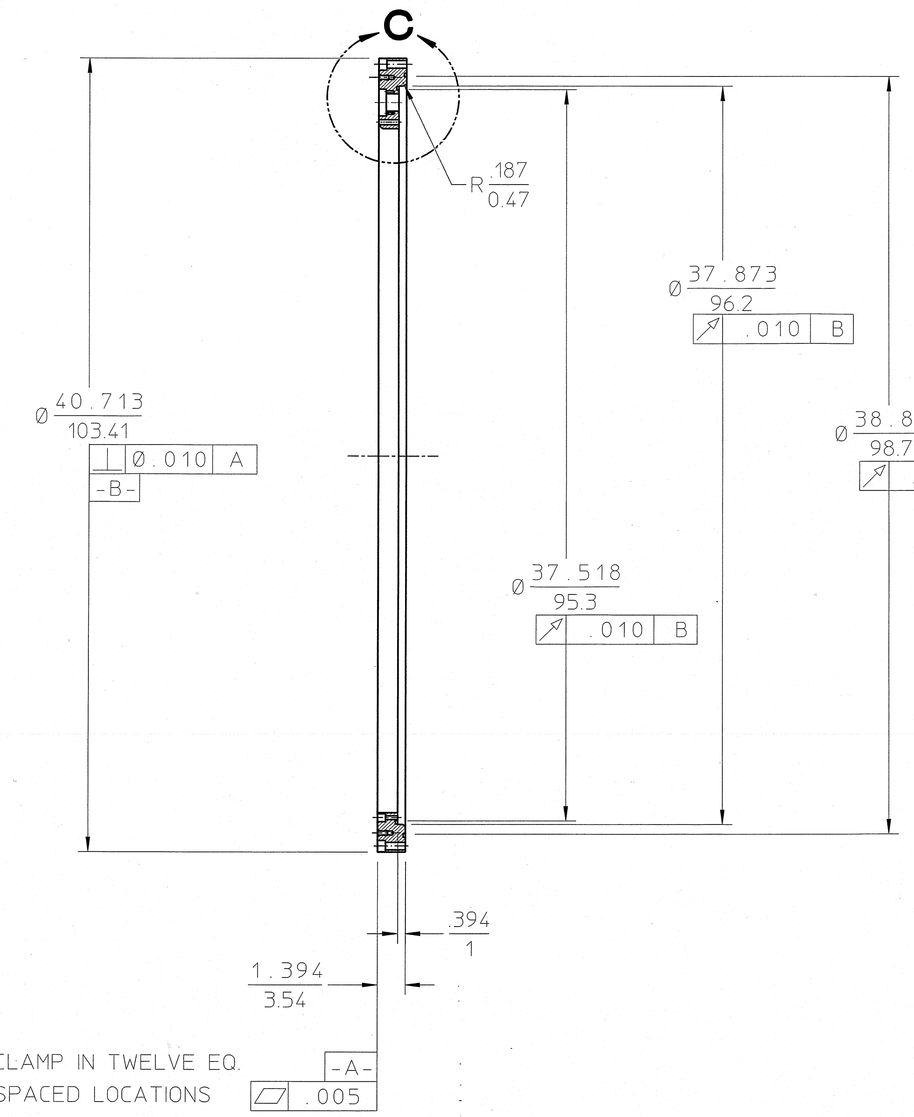
Ø .403 / 1.02 ± .005 THRU
.594 +.010 / -.000 X .440 / 1.12 DP. CBORE
EQ.SP.ON A Ø 40.098 / 101.85 B.C.
-C-
⌖ Ø .010 A B
TPC WHEEL

8X 1/2-13 UNC-2B X 1.000 / 2.54 DP.
EQ.SP.ON A Ø 39.216 / 99.61 B.C.
SVT CONE SUPPORTS/
INSTALLATION BEAM SUPPORT

36X Ø .213 / 0.54 ± .005 THRU
Ø .421 +.010 / 1.07 -.000 X .460 / 1.17 DP CBORE
EQ.SP.ON A Ø 37.179 / 94.44 B.C.
⌖ Ø .010 A B C
IFC MOUNTING HOLES

3X Ø .266 / 0.67 ± .005 THRU
ON A Ø 34.156 / 86.76 B.C.
⌖ Ø .010 A B C
SVT RETAINING BOLT HOLES
(A - HOLES)

18X Ø .213 / 0.54 ± .005 THRU
C'BORE Ø .421 / 1.07 ±.010 X .250 / .64 DP
EQ.SP.ON A Ø 37.179 / 94.44 B.C.
⌖ Ø .010 A B C



SECTION A–A

WEST END

NOTES,UNLESS OTHERWISE SPECIFIED:
1. DIMENSIONS APPLY IN RESTRAINED CONDITION.
2. ALL DIMENSIONS GIVEN IN METRIC ARE FOR REFERENCE ONLY AND TOLERENCE IS NOT SHOWN.

REV	DWN	CHK	ZONE	DATE	CHANGES
A	JO	RW		3/14/97	RELEASE FOR FABRICATION

SHOP ORDERS
ACCT. NO.: SER NO.:
DATE: DATE REQ'D: 00/00/00 NO REQ'D: --
SURFACE TREATMENT: DEGREASE
IDENTIFICATION METHOD: TAG

APPROVALS
DRWN BY: A.RAWLINS/J.ORTIZ DATE: 3/14/97
CHECK BY: D.FRITZ/R.WELLS DATE: 3/14/97
PRODUCTION APPROVAL: DATE:
COGNIZANT ENGINEER: D.FRITZ/R.WELLS DATE: 3/14/97

ITEM	REQ	PART NUMBER	DESCRIPTION
3	1		VITON, O-RING, 37.00 I.D. X .139 WALL, PARKER NO. 2-XXX
2	1		VITON, O-RING, 38.25 I.D. X .139 WALL, PARKER NO. 2-XXX
1	1	24A9336A	ALUMINUM TOOLING PLATE, T651, 42" DIA. X 1 1/2" THK.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES
TOLERANCES: X ± .06, XX ± .02, XXX ± .005, ANGLES ± 5°, FINISH 125
SAWED, FLAMECUT, SHEARED OR STOCK FINISH
ALL SCREW THREADS PER ANSI Y14.6
BREAK EDGES .020 MAX ON MACHINE WORK
REMOVE BURRS, LOOSE SCALE AND WELD SPATTER
REFERENCE - ANSI Y14.5 & B46.1

STAR | WBS # 4.2.3 | DWG SIZE E | STAR DRAWING NUMBER TPC277-E-1 | REV. A | RHIC DRAWING NUMBER REV.
LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY
RHIC/STAR DETECTOR
INNER FIELD CAGE-END RINGS
COMPLIANT MOUNTING RING
PATENT CLEAR | DRAWING TYPE DETAIL | SHOWN IN 00X0000 | DO NOT SCALE PRINTS | SCALE: 1/4
MATERIAL | DESIGN ACCOUNT 8052-22 | CATEGORY CODE SR-02-03 | LBL DRAWING NUMBER 24A9336 | REV. A

24A9336A