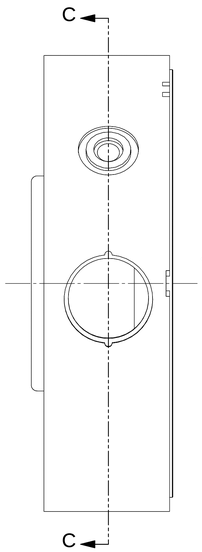
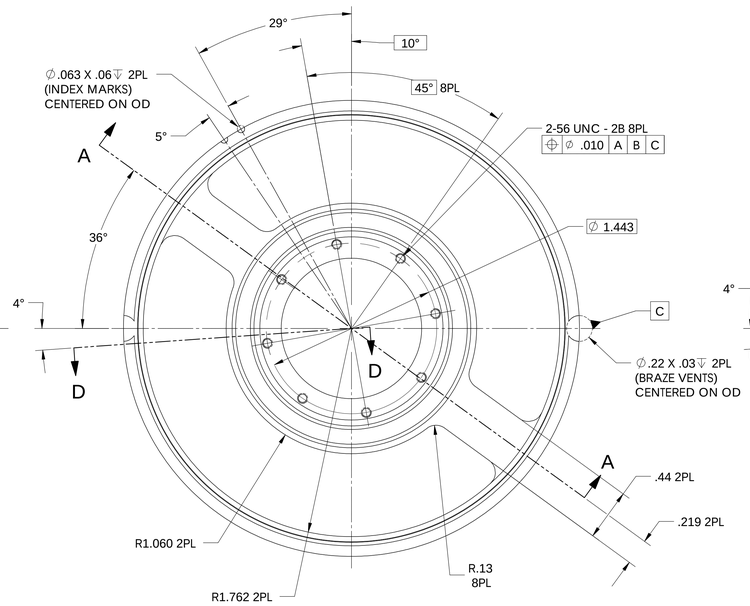
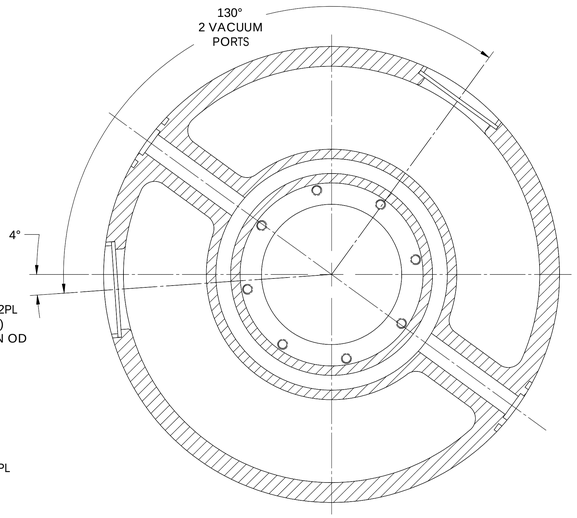
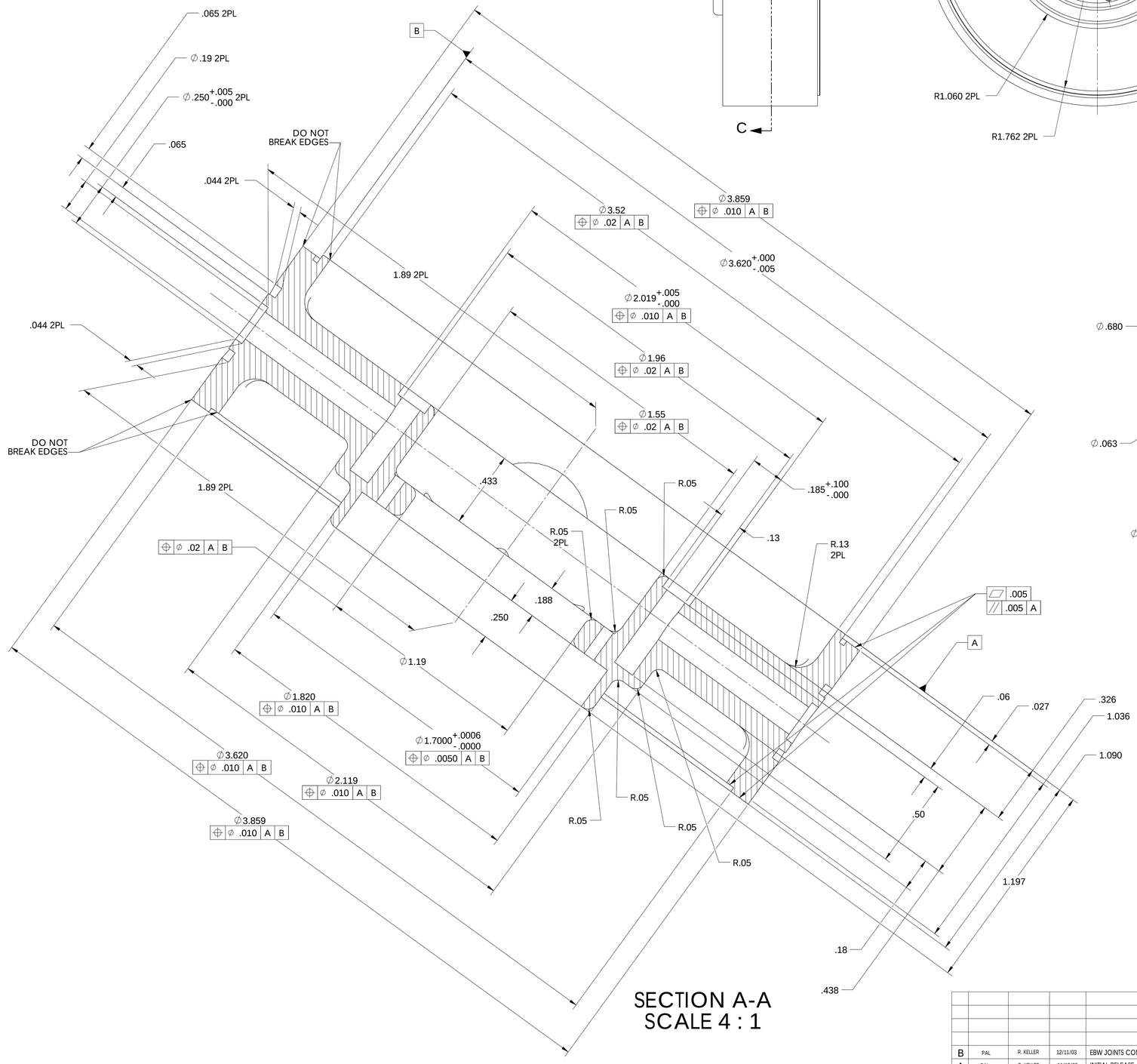


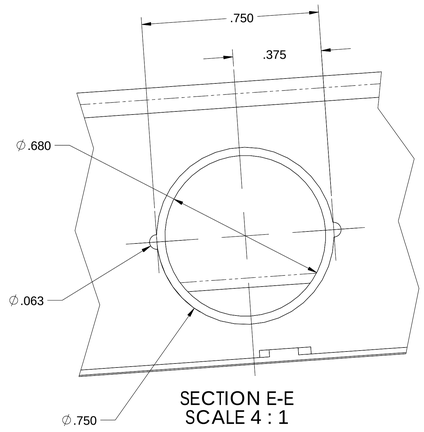




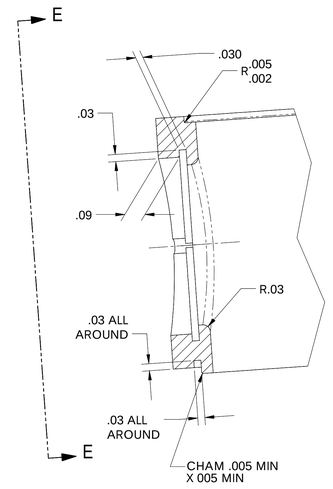
SECTION C-C



SECTION A-A
SCALE 4 : 1

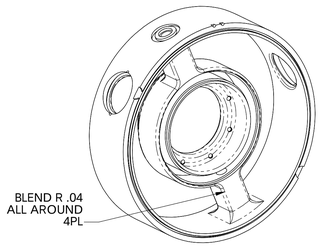


SECTION E-E
SCALE 4 : 1



SECTION D-D
SCALE 4 : 1

ONE OF TWO VACUUM PORTS
AT ANGULAR OFFSET SHOWN
IN SECTION C-C



AUX VIEW
SCALE = 1/1

REV	DRAWN BY	APPVD.	DATE	DESCRIPTION
B	PAL	R. KELLER	12/11/03	EBW JOINTS CONVERTED TO BRAZE
A	PAL	R. KELLER	11/19/03	INITIAL RELEASE

UNLESS OTHERWISE SPECIFIED
TOLERANCES
X ± 1_INCH .XX ± 01_INCH .XXX ± 005_INCH
FRACTIONS: -/-
ANGLES: 0.1° / INCH
MACH. SURFS.: 125 MICRO-INCH

DO NOT SCALE DRAWING.
INTERPRET PER ASME Y14.5M-1994.
THREADS ARE CLASS 2.
BREAK MACHINED EDGES .016 MAX.
REMOVE BURRS, WELD SPLATTER &
LOOSE SCALE.

REQD	ITEM	PART NO.	DESCRIPTION
A/R			SST, 304L

PROJECT NAME: 27A343
PROJECT NUMBER:
NEXT ASSY: 27A343
CALC. WT. KG. 0.83 LB.
DO NOT SCALE PRINT
SCALE: 2:1
CATEGORY CODE
THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA

HYBRID ION SOURCE (HYBRIS)
EXTRACTOR WELDMENT
EXTRACTOR CORE MACHINING

1 SHEET OF 1 SIZE: E DWG NO: 27A344 REV B