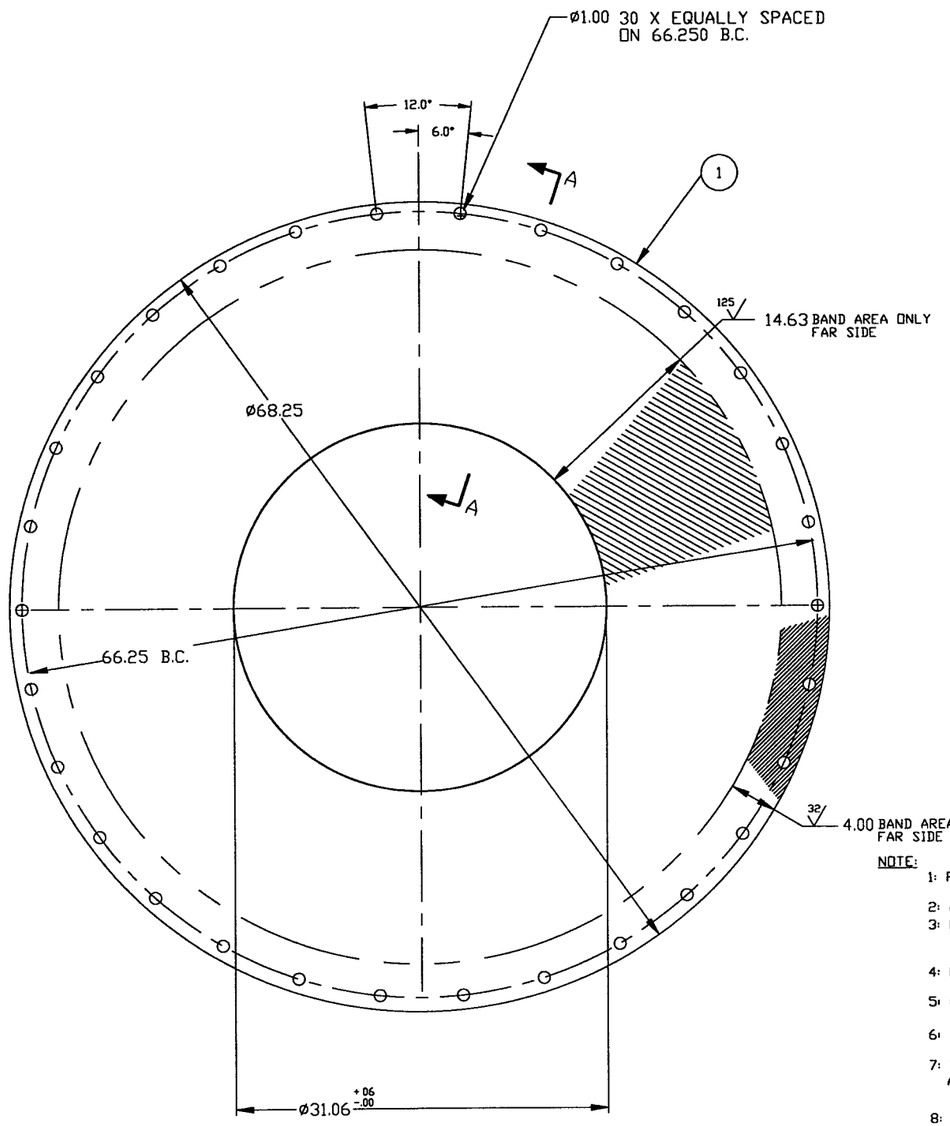

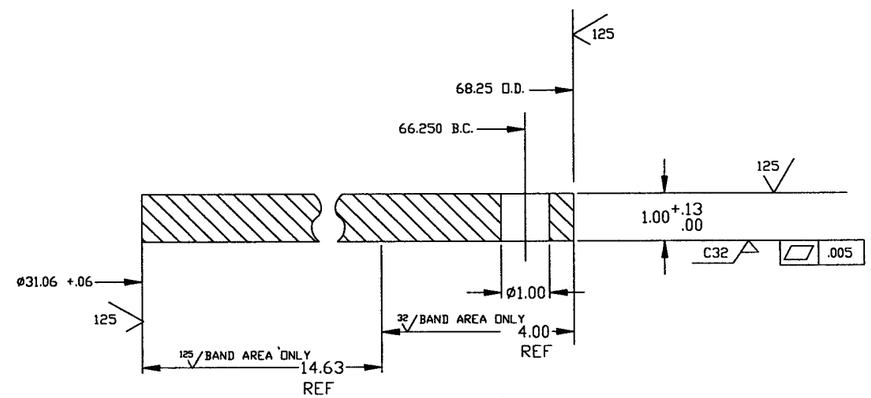

SECTION "A"-"A"

NOTE:

1: FLANGES WILL BE USED IN ULTRA HIGH VACUUM SERVICE SEE SPECIFICATION V049-2-040 FOR MATERIAL REQUIREMENTS
2: ALL MATERIAL TO BE 304L STAINLESS STEEL
3: FLANGES MUST BE PACKAGED, HANDLED, AND SHIPPED IN SUCH A MANNER AS TO MAINTAIN SPECIFIED SURFACE FINISHES AND FLATNESS TOLERANCES.
4: MACHINE TOOL LAY TO BE CONCENTRIC ON ALL SURFACES THAT REQUIRE A 32 RMS FINISH
5: NO ABRASIVE STONES, CLOTHS OR GRINDING WHEELS MAY BE USED.
6: NO OIL BASED OR HYDROCARBON BASED CUTTING FLUIDS TO BE USED.
7: NO CARBON STEEL OR OTHER SOURCE OF IRON CONTAMINATION ARE TO COME IN CONTACT WITH FLANGES DURING MANUFACTURING OR HANDLING.
8: STEAM CLEAN & WRAP IN POLYETHELENE TO PREVENT CONTAMINATION DURING SHIPPING.

NOT FOR CONSTRUCTION

Raymond D. Ciatto, PE
5/6/96
LIGO D961126-00-V

PROPRIETARY AND CONFIDENTIAL

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DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/16"
ANGULAR MACH ±0°-30' BEND ±2°
TWO PLACE DECIMAL ± .010
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS 63
BREAK CORNERS: IN.005 OUT.005
REMOVE ALL BURRS

DO NOT SCALE THIS DWG.
USED ON:
NEXT ASS'Y:

REV.	DESCRIPTION	CHKD	DRAWN	DATE	DEO
0	ISSUED FOR FDR	D McWhirter	MA	04/30/96	0150

ISSUE DESCRIPTION

PROCESS SYSTEMS INTERNATIONAL INC.
20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

30.5" I.D. X 60.5" O.D.
FLANGE DETAIL (FLAT FACED)
LIGO VACUUM EQUIPMENT

CAD FILE	SIZE	DWG. NO.	REV.
V0494056	C	V049-4-056	0

SCALE AS NOTED
SHEET 1 OF 1

May 06, 1996 - 10:41:17