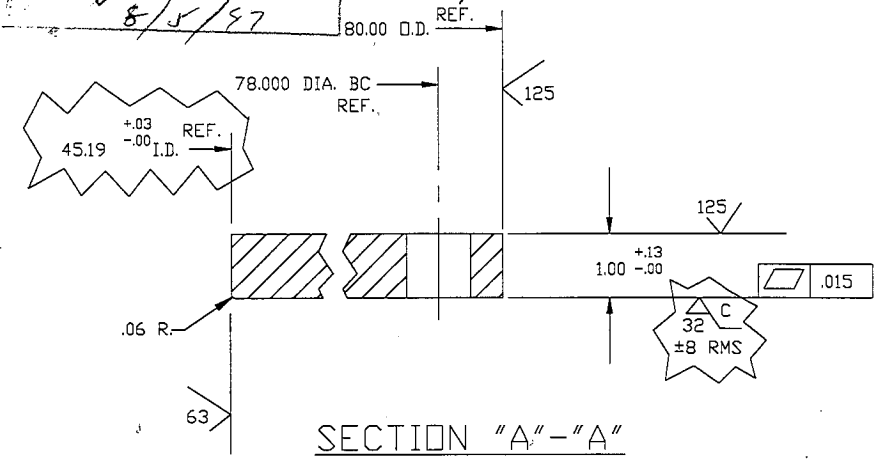
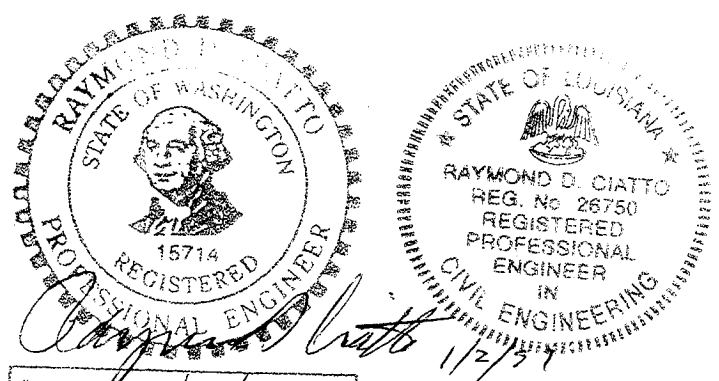


1.00 DIA. THRU  
36 HOLES EQUALLY SPACED  
ON A 78.00 DIA. B.C.



- NOTE:**
- 1: FLANGES WILL BE USED IN ULTRA HIGH VACUUM SERVICE SEE SPECIFICATION V049-2-040 FOR MATERIAL REQUIREMENTS SEE SPECIFICATION V049-2-136 FOR MACHINING 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 POLYETHYLENE TO PREVENT CONTAMINATION DURING SHIPPING.

THIS FLANGE TO BE MADE FROM P/N V049M251-1  
WEIGHT: 971#

Raymond D. Ciatto - PE - WA.

**PROPRIETARY AND CONFIDENTIAL**  
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DWG. NO.	DESCRIPTION	USED ON:	REV.	DESCRIPTION	CHKD	DRAWN	DATE	DEC
			1	DESIGN UPDATE/FABRICATION			7/31/96	0218
			0	ISSUED FOR FDR			04/30/96	

<b>PROCESS SYSTEMS INTERNATIONAL, INC.</b> 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA			
45.19" I.D. X 80" O.D. <b>FLANGE DETAIL (FLAT FACED)</b> <b>LIGO VACUUM EQUIPMENT</b>			
CAD FILE V0494047	SIZE C	DWG. NO. V049-4-047	REV. 1
SCALE 1 1/2"=1'-0"		SHEET 1 OF 1	

45.19 X 80.0 INCH FLANGE\_FLAT - ADVANCED LIGO # LIGO D0900954-v1

Feb 28, 1996 - 15:29:46