



- 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: FLANGE FINAL FACE CUTS AND O'RING GROOVES MUST BE MACHINED DURING THE SAME SETUP.
 - 9: STEAM CLEAN & WRAP IN POLYETHYLENE TO PREVENT CONTAMINATION DURING SHIPPING.

NOT FOR CONSTRUCTION

Raymond P. Crath, PE
 5/6/96
 LIGO 096112700-V

INNER O-RING .275 DIA. STOCK x 191 1/4' LG. VULCANIZED - BAKED VITON E-60C
 OUTER O-RING .275 DIA. STOCK x 200 5/8' LG. VULCANIZED - BAKED VITON E-60C

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DWG. NO.	DESCRIPTION	USED ON	REV.	DESCRIPTION	CHKD	DRAWN	DATE	DED
	REFERENCE DRAWINGS	NEXT ASS'Y		ISSUE DESCRIPTION				

PROCESS SYSTEMS INTERNATIONAL, INC.
 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA
 30.5" I.D. X 60.5 D.D.
 FLANGE DETAIL (GROOVED)
 LIGO VACUUM EQUIPMENT
 CAB FILE V0494057 SIZE C DWG. NO. V049-4-057 REV. 0
 SCALE AS NOTED SHEET 1 OF 1

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