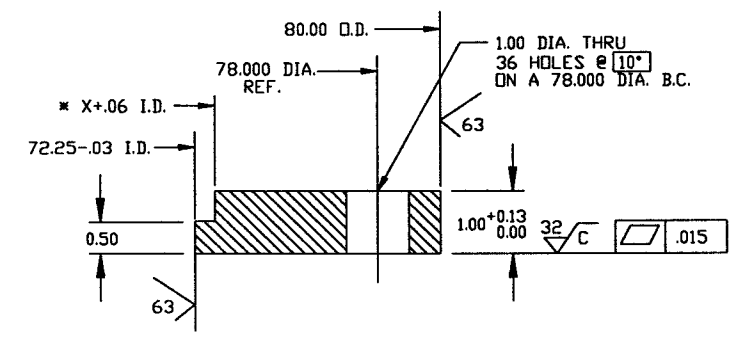


SCALE: 1 1/2"-1'-0"



SECTION "A-A"
SCALE: HALF

* X=PIPE/PORT O.D. +.13

NOT FOR CONSTRUCTION

- 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.

Raymond A. Cratto, PE
5/6/96

PROPRIETARY AND CONFIDENTIAL		UNLESS OTHERWISE SPECIFIED																					
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DWG. NO.		DESCRIPTION		USED ON		REV.		DESCRIPTION		ISSUE DESCRIPTION		SCALE		AS NOTED		SHEET		1 OF 1		72 1/4" I.D. FLANGE DETAIL (FLAT FACED) LIGO VACUUM EQUIPMENT CAD FILE V0494028 SIZE C DWG. NO. V049-4-028 REV. 0			

May 06, 1996 - 19:04:39