



NOTES:

- FOR MOUNTING / ORIENTATION OF ASSEMBLY ON GATE VALVE, SEE APPLICABLE BUILDING EQUIPMENT LOCATION DRAWING
- TABLE OF ASSEMBLIES SHIPPED BY PSI

SITE	BILL OF MATERIAL	QTY	INSTALLER
WASHINGTON	V049115IG1	4	PSI CONTRACTOR
LOUISIANA	V049115IG1	2	PSI CONTRACTOR

- THE ABOVE ASSEMBLIES ARE ALSO USED WITH THE FOLLOWING DRAWINGS:
ANNULUS TUBING - TYPE I DWG. CV049-4-108
ANNULUS TUBING - TYPE II DWG. CV049-4-110

DWG NO	DESCRIPTION	DWG. NO.	DESCRIPTION
V049-4-107	25 L/S ION PUMP SUPPORT ASSY		
V049-0-100	DRAWING TREE / BOM STRUCTURE		
V049-2-021	SPEC INSTALLATION / COMMISSIONING		

REV	DESCRIPTION
1	ISSUED FOR CONSTRUCTION
0	ISSUED FOR RELEASE/BIDS

SCALE	DATE	BY	CHKD	DATE	DECH
NONE	05/09/97	0490			
	11/21/96	0358			

LIGO-D970450-01-V

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

**ANNULUS TUBING & ION PUMP ASSY
48" GATE VALVE**

LIGO VACUUM EQUIPMENT

CAD FILE: V0494165
SIZE: D
DWG NO: V049-4-165
REV: 1

SCALE: NONE SHEET: 1 OF 1

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ± ANGULAR/ARCH 10°-20° BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE DIMS BREAK CORNERS IN OUT REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON: V049-4-107