



DETAIL "A"  
 ANNULUS TUBING ASSEMBLY  
 ALL WELDS TO BE VACUUM TIGHT

NOTE: ALL PARTS SHOWN IN DETAIL "A" ARE LISTED ON BOM V0494109. BOM V0494109 IS INCLUDED IN BOM V0491151 (ITEM 25) BY PSI, BUT IS EXCLUDED FROM BOM V0491151G1 WHERE THE SPOOL IS SUPPLIED BY THE SITE CONTRACTOR. PSI SUPPLIES (8) PREWELDED SPOOLS TO WASHINGTON (FOR LIGO) AND (4) PREWELDED SPOOLS TO LOUISIANA (FOR LIGO). ALL REMAINING TUBING MATERIALS AND INSTALLATIONS ARE BY THE PSI SITE CONTRACTOR.

NOTES:  
 1. FOR MOUNTING / ORIENTATION OF ASSEMBLY ON GATE VALVE, SEE APPLICABLE BUILDING EQUIPMENT LOCATION DRAWING. REFER TO SITE INSTALLATION DRAWING LIST DWG V049-0-000, AND SITE DRAWING TREE / BOM STRUCTURE, DWG V049-0-100  
 2. TABLE OF MATERIALS SHIPPED BY PSI

SITE	BILL OF MATERIAL	QTY	INSTALLER
WASHINGTON	V0491151 (WITH DETAIL A SPOOL)	8	LIGO
WASHINGTON	V0491151G1 (WITHOUT DETAIL A SPOOL)	8	PSI CONTRACTOR
LOUISIANA	V0491151 (WITH DETAIL A SPOOL)	4	LIGO
LOUISIANA	V0491151G1 (WITHOUT DETAIL A SPOOL)	4	PSI CONTRACTOR

3. THE ABOVE ASSEMBLIES ARE ALSO TO BE INSTALLED WITH THE FOLLOWING DRAWINGS, BY THE SITE CONTRACTOR.  
 ANNULUS TUBING - TYPE I DWG. CV049-4-164  
 TYPE II DWG. CV049-4-166  
 TYPE III DWG. CV049-4-106

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DWG NO. _____ DESCRIPTION _____ REFERENCE DRAWINGS _____		DWG NO. V049-0-100 DESCRIPTION DRAWING TREE / BOM STRUCTURE		DWG NO. V049-2-021 DESCRIPTION SPEC INSTALLATION / COMMISSIONING		DWG NO. _____ DESCRIPTION _____		DWG NO. _____ DESCRIPTION _____		DWG NO. _____ DESCRIPTION _____		DWG NO. _____ DESCRIPTION _____		DWG NO. _____ DESCRIPTION _____					