



SUPPORT FROM GATE VALVE USING MODIFIED FIN CLAMP PER DWG V049-4-163, & DETAIL 'B' ON DWG V049-4-109 (BY FIELD CONTRACTOR) (2 REQ'D).  
SEE FIELD BOM V04915161 FOR CLAMPS TO GATE VALVE BY PSI.

FLEX HOSE, 12" LG, 3/4" NOM. ID WITH 1 1/2" OD C.F. NON-ROT. FLG. X 2 3/4" O.D. C.F. ROTATABLE FLG. (NO BRAID)

FLEX HOSE, 12" LG, 3/4" NOM. ID WITH 2 3/4" C.F. ROTATABLE FLG.

3/4" ELBOW AND 2 3/4" C.F. ROTATABLE FLG. (2 PLACES)

REF. DWG. V049-4-061

**NOTES**

- 1) WASHINGTON - QUANTITY (2) USED WITH DWG. D V049-4-109 ANNULUS TUBING & 25 TON PUMP
- 2) NO BRAID ON HOSES
- 3) LOUISIANA QTY. (0)
- 4) TUBING/FLANGES/FLEXHOSES, ETC. BY SITE CONTRACTOR.
- 5) CLEAN PER SPEC. V049-2-178.
- 6) TUBING CLASS B PER SPEC. V049-2-037. MATERIAL = 304 STAINLESS STEEL.

INSTALL LIKE THIS.

PROPRIETARY AND CONFIDENTIAL	X	X	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	X	X	X	X	X	X	X	X	X	X	X
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS AFFILIATED COMPANIES AND SHALL BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS SUPPLIED. IT SHALL NOT BE COPIED, REPRODUCED OR OTHERWISE USED FOR ANY OTHER PURPOSE WITHOUT THE EXPRESS WRITTEN PERMISSION OF PROCESS SYSTEMS INTERNATIONAL, INC. AND SHALL BE RETURNED UPON REQUEST.	X	X	FUNCTIONS & BE	X	X	X	X	X	X	X	X	X	X	X
	X	X	ANGLASION 10-20 100 10° PER PLACE SECOND & 20	X	X	X	X	X	X	X	X	X	X	X
	X	X	FINISHED SURFACE AND TO BEING COMPLETED. REMOVE ALL BURS	X	X	X	X	X	X	X	X	X	X	X
	X	X	DO NOT SCALE THIS DWG.	2	REVISED, ADD NOTES 3,4,5,6	REF	CS			1	REISSUED FOR CONSTRUCTION			
	X	X	USED ON X	0	ISSUED FOR FABRICATION / BIDS									
DWG. NO.		DESCRIPTION	USED ON X	REV.		DESCRIPTION				X	X	X	X	CWD
	REFERENCE DRAWINGS		NEXT ASS'Y							DRAWN	DATE	DEC		

PROCESS SYSTEMS INTERNATIONAL, INC.  
20 WALDEN DR. WESTBOROUGH, MASS 01581 USA

25" ANNULUS TUBING ISO  
44" GATE VALVE  
TYPE I

CAD FILE: V049-4-164-2  
SIZE: B  
SCALE: NONE  
SHEET: 1 OF 1

JAN 02 1998

LI90-D970449-02-V