

ITEM	PART NUMBER	SUFFIX	QTY	UM	DESCRIPTION
1	V0494071		1	EA	FLANGE, FLAT FACED, 48 1/4" ID x 80" OD x 1" THK
2	V0494018		1	EA	FLANGE, GROOVED, 48 1/4" ID x 56" OD x 1-1/4" THK
3	V0494A2P3		1	EA	SHELL, 304/304L SST, 1/4" THK
4					
5	V049M321		3	6 EA	HALF NIPPLE, SST 304L WITH CONFLAT FLANGE, 10" O.D. x 8" O.D. TUBE x 1/8" WT.
6	202667		3	6 EA	BLANK CONFLAT, SST 304L, 10" O.D.
7	V049M777		144	EA	BOLT, HEX HD, 5/16-18 x 2 1/2" LG, 18-8 SST
8	202671		3	6 EA	GASKET, COP COFH, CONFLAT 10" O.D.
9	V0494159		2	EA	LIFTING LUG DETAIL
10	202678		3	24 EA	BOLT, SA 193 B7, HEX, 7/8-9UNC x 4" LG
11	202679		3	24 EA	NUT, SA 194 ZH, HEX, 7/8-9UNC
12	202581		3	48 EA	WASHER, STL, 1 3/4" O.D. x 15/16" L.D. x 1/4" THK
13	V049M024		1	EA	O-RING, VITON, OPER SPEC V049-2-045
14	V049M025		1	EA	O-RING, VITON, OPER SPEC V049-2-045
15	V049M782		144	EA	NUT, HEX, SILICDN BRZ, 3/16-18
16	V049M785		288	EA	WASHER, FLAT, 5/16, 18-8 SST
17	V049M061		1	EA	3/4" O.D. ELBOW x 2 3/4" O.D. CF.

* ELECTROLESS NICKEL PLATE

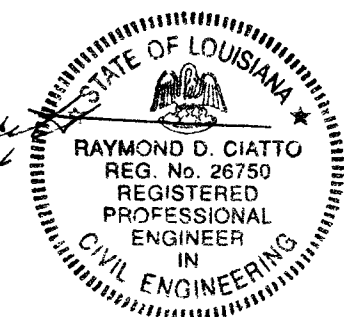
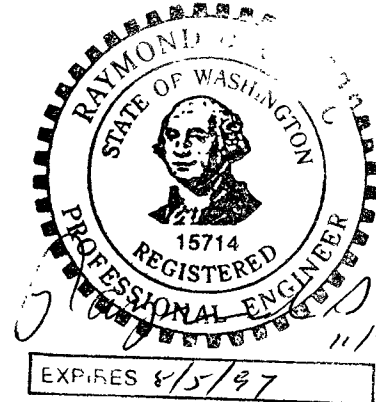
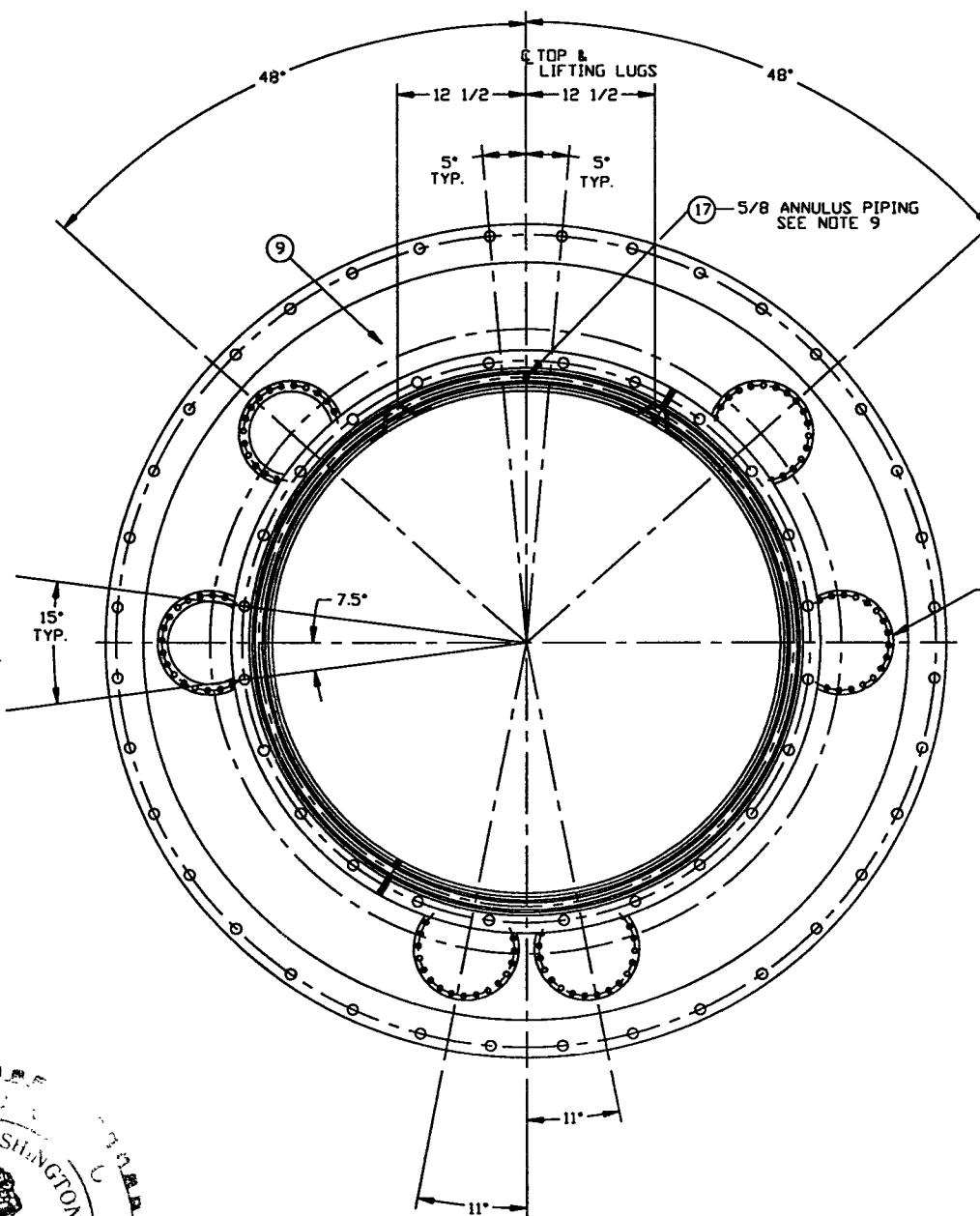
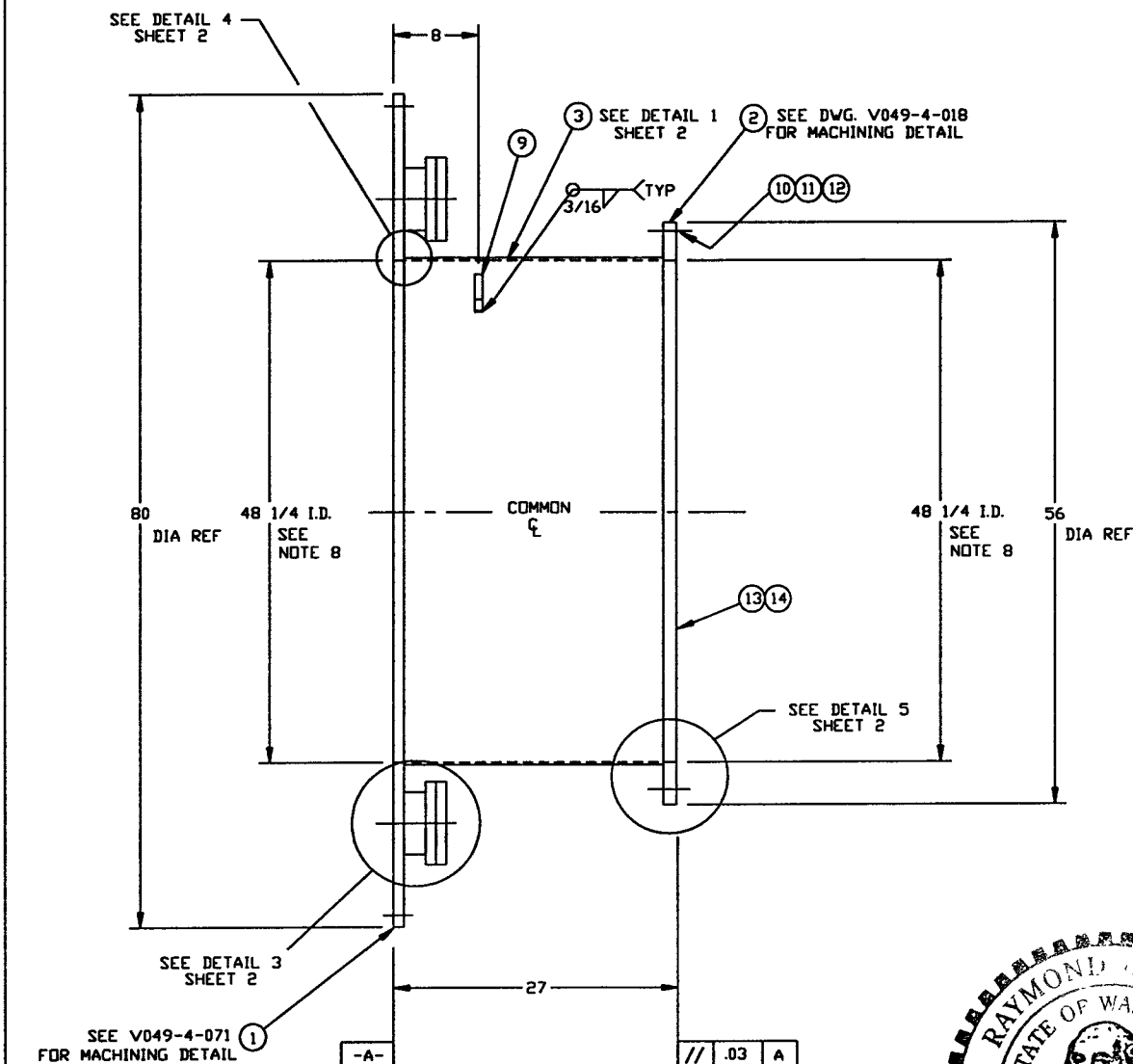
ALL CONFLATS
BOLT HOLES TO STRADDLE
VERTICAL C/S
SEE NOTE 14.

NOTES:

15. WDS NO'S. REFER TO WELD DATA SPEC. V049-2-024.
14. CONFLAT LEAK CHECK SLOTS ARE TO BE POSITIONED ON VERTICAL CENTERLINE.
13. CONFLAT FLANGES ARE TO HAVE PROTECTIVE COVERS AT ALL TIMES DURING & AFTER MANUFACTURING.
12. EACH FINISHED SHELL IS TO BE MARKED WITH A SEQUENTIAL PSI SERIAL NUMBER. THE NUMBER IS TO BE MADE FROM THE DRAWING PLUS THE SEQUENTIAL NUMBER. V0494A2-01, -02 ETC.
11. PLATES PRIOR TO ROLLING MUST HAVE DIAGONAL CORNER TO CORNER DIMENSIONS WITHIN 1/16" OF EACH OTHER.
10. MACHINING & ROLLING PER SPEC V049-2-136.
9. FLANGE INCLUDES AN ANNULAR CHANNEL BETWEEN O-RINGS FOR A SINGLE PUMPOUT PORT, SEE DWG. V049-4-061.
8. THE CENTERLINES OF ALL SHELLS AND END FLANGES ARE TO LIE ON THE COMMON CENTER LINE WITHIN ± 1/16".
7. LEAK TEST & METHOD PER PSI SPEC. V049-2-014
6. CERTIFIED MANUFACTURER'S MATERIAL TEST REPORTS REQUIRED, AS NOTED.
5. BOLT HOLES OF ALL FLANGES TO STRADDLE VERTICAL CENTERLINE +/- .015.
4. CLEAN PER SPEC. V049-2-015
3. DO NOT USE CARBON STEEL BRUSHES OR BRUSHES CONTAMINATED WITH CARBON STEEL ON STAINLESS OR ALUMINUM MATERIAL.
2. SPDDL FABRICATION TO BE IN ACCORDANCE WITH SPEC. V049-2-097.
1. FOR FLANGE DETAILS SEE DWG. V049-4-071 & V049-4-018.

APPROX. WEIGHT: 1534#

D970378-02-V

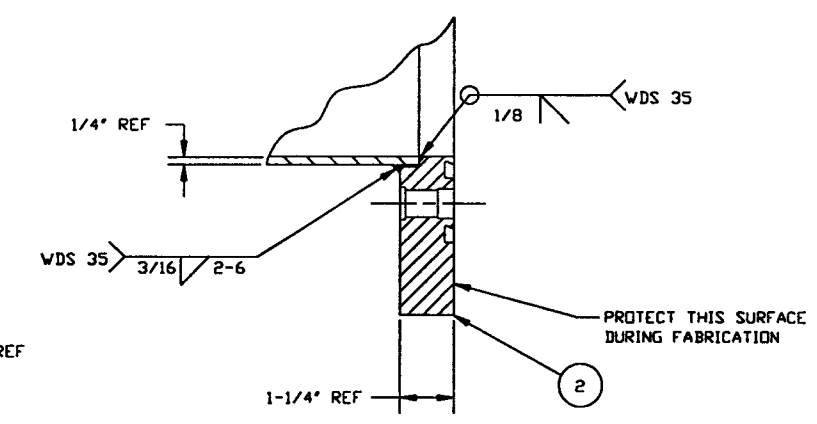
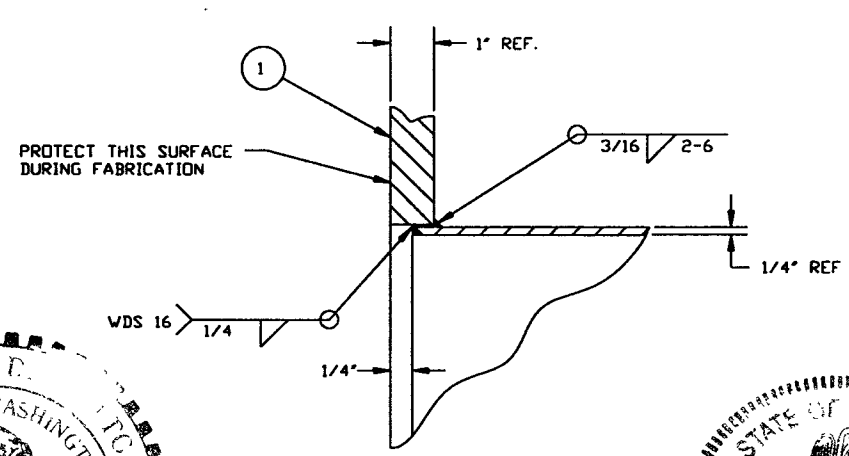
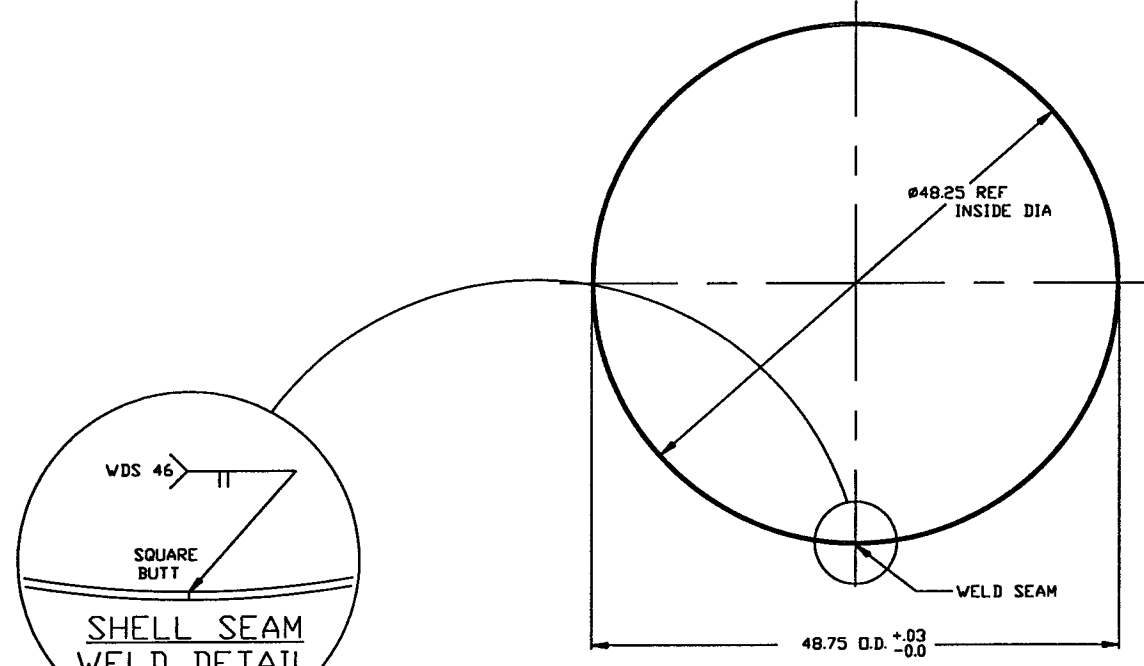
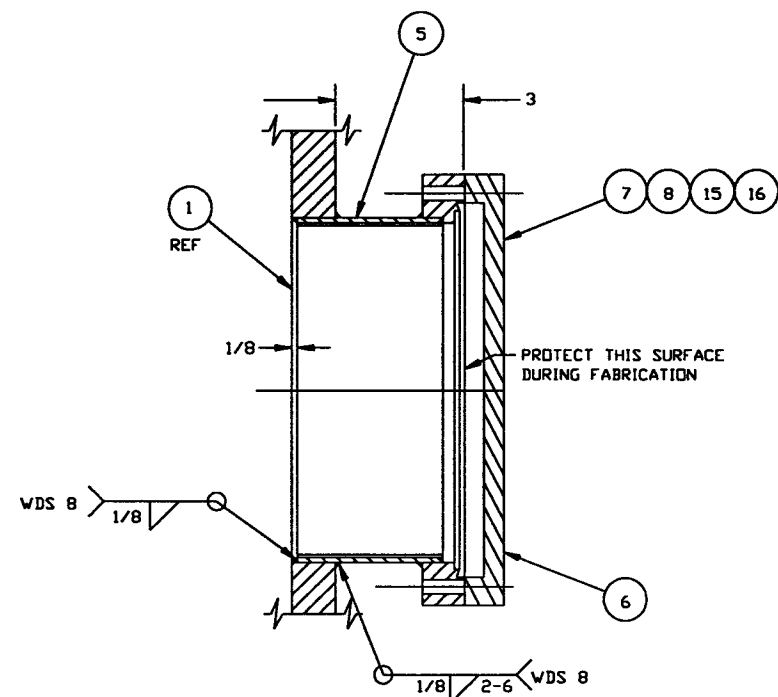
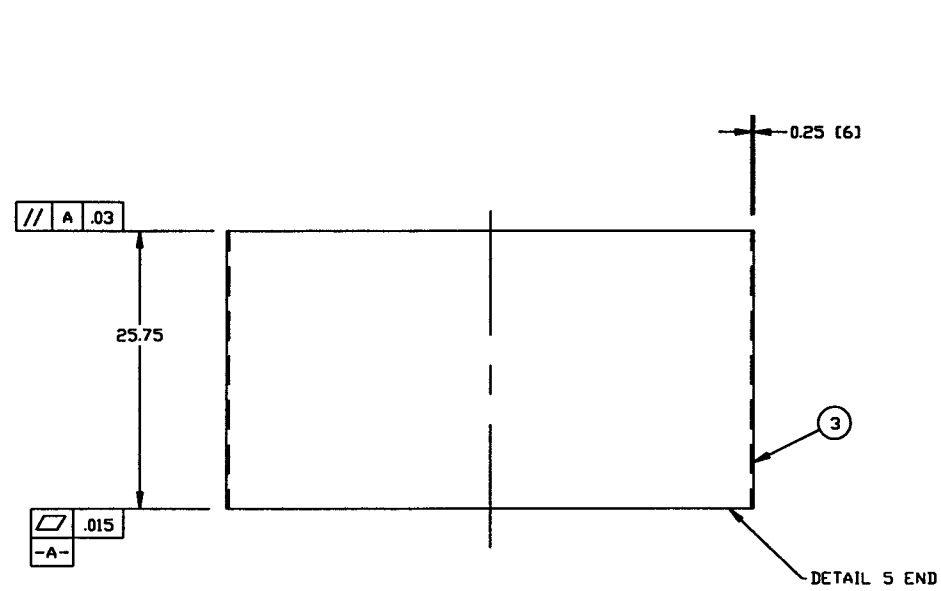


SYMBOL	CHARACTERISTIC	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE IN INCHES	REV	DESCRIPTION	DATE	BY	CHKD	DRWN	DATE	DECR
□	FLATNESS	FRACTIONAL .1	2	ISSUED FOR FABRICATION	11/22/96	0180				
○	CYLINDRICITY	ANGULARITY .001-30° BEND AT TWO PLACE BEHIND 1 AS THREE PLACE BEHIND 4 AND FINISHED SURFACE HAS BREAK CORNERS IN REMOVE ALL BURRS	1	DESIGN UPDATE	10/9/96	0313				
∥	PARALLELISM	DO NOT SCALE THIS DRAWING	0	ISSUED FOR FABRICATION (SHELL ONLY)	10/1/96	0283				
⊥	PERPENDICULARITY	USED ON:	REV	DESCRIPTION						
∠	ANGULARITY	NEXT ASS'Y:								
⊕	TRUE POSITION									
⊙	CONCENTRICITY									

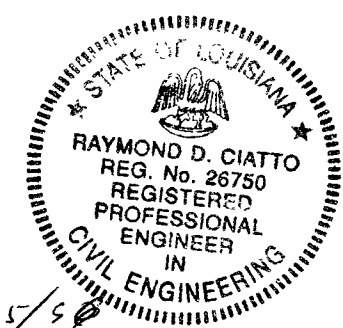
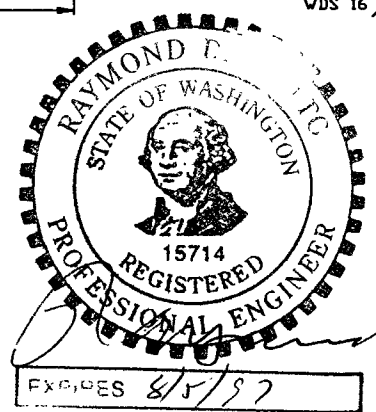
PROCESS SYSTEMS INTERNATIONAL, INC.		ADAPTER A-2	
20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA		48.25" ID x 72.25" ID	
		LIGD VACUUM EQUIPMENT	
CAD FILE	SIZE	DWG. NO.	REV
V0494A2/4A2S1	D	V049-4-A2	2
SCALE	1-1/2" = 1'-0"	SHEET	1 OF 2

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DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
	REFERENCE DRAWINGS		



DETAIL "1"
MAKE FROM V049M198-1



PROCESS SYSTEMS INTERNATIONAL INC. 20 WALNUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA			
ADAPTER A-2 48.25"ID x 72.25"ID LIGD VACUUM EQUIPMENT			
CAD FILE 4A2S2	SIZE D	ENG. NO. V049-4-A2	REV 1
SCALE AS NOTED	SHEET 2 OF 2		

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