

LEFT SHIELD ASS'Y V049-4-114-G1 SHOWN
 RIGHT SHIELD ASS'Y V049-4-114-G2 OPPOSITE HAND

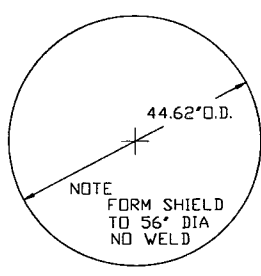
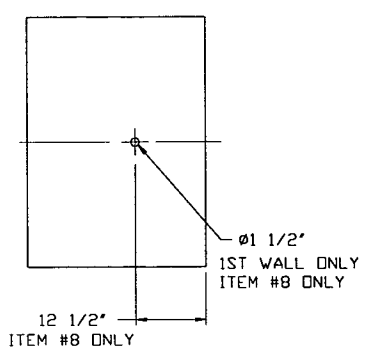
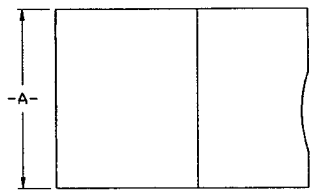
NOTE
 1) ALL ALUMINUM SHEET MATERIAL TO BE 5000 SERIES.
 VENDOR TO CONFIRM MATERIAL ALLOY SPECIFICATION,
 WITH PSI, PRIOR TO FABRICATION
 2) SEE ADDITIONAL NOTES ON SHT 2 OF 3.

D9770418-02-V

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DWG NO. DESCRIPTION REFERENCE DRAWINGS		DO NOT SCALE THIS DRAWING USED ON: NEXT ASS'Y: V049-4-004/006		REV DESCRIPTION ISSUE DESCRIPTION		CHKD DRWN DATE DECH		SCALE NONE SHEET 1 OF 3		8 7 6 5 4 3 2 1	

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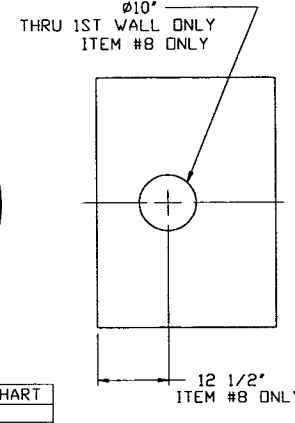
- NOTE:**
- 1) ALL ALUMINUM SHEET MATERIAL TO BE 5052 SERIES VENDOR TO CONFIRM MATERIAL ALLOY SPECIFICATION, WITH PSI, PRIOR TO FABRICATION.
 - 2) USE TIG WELD PROCESS
 - 3) COVER ROLLER/FORMING EQUIPMENT TO PREVENT IRON CONTAMINATION OF SHIELDS
 - 4) COVER DURING STORAGE AND SHIPMENT TO PREVENT CONTAMINATION OF HYDROCARBONS, CLORIDES OR DIRT.



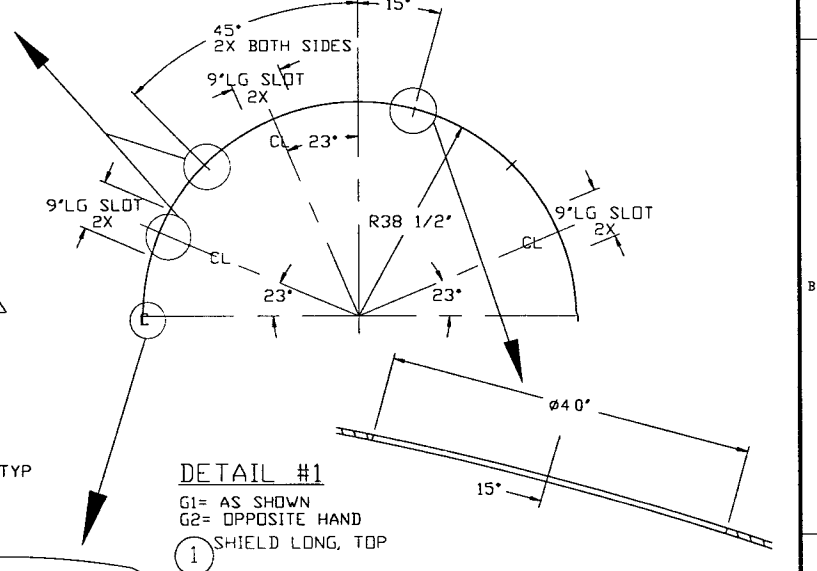
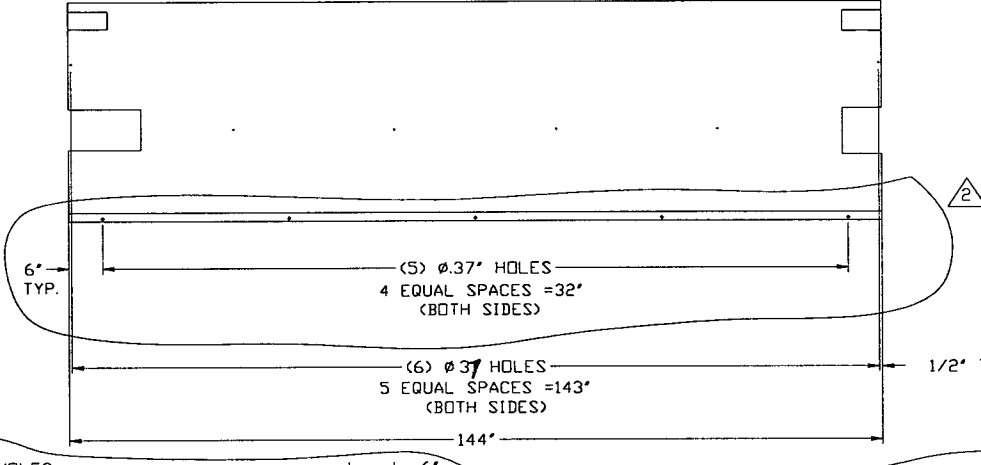
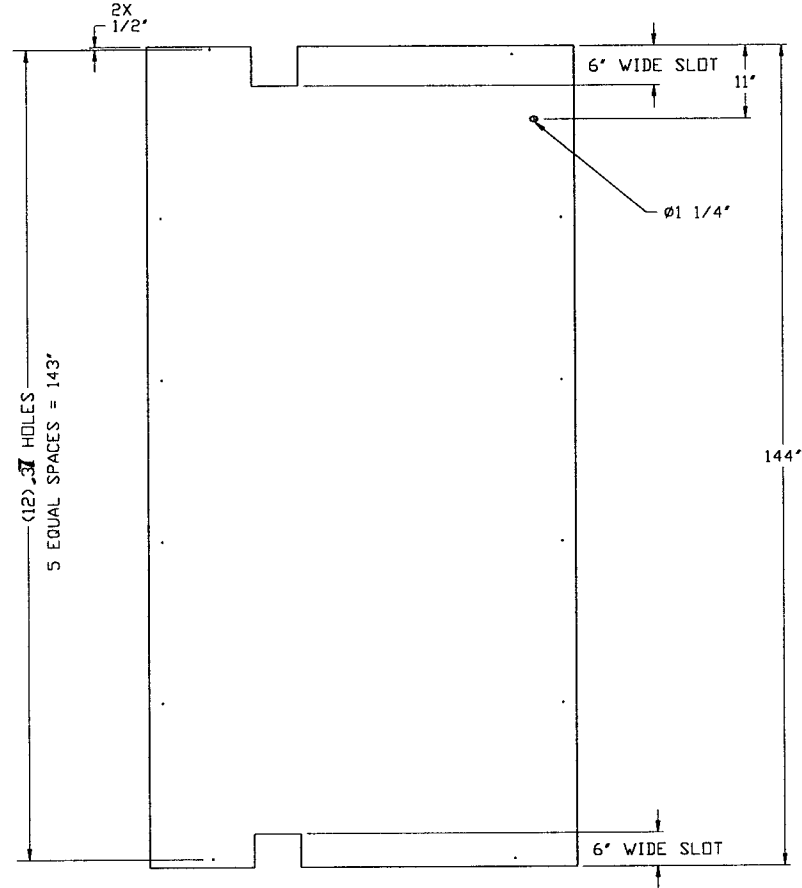
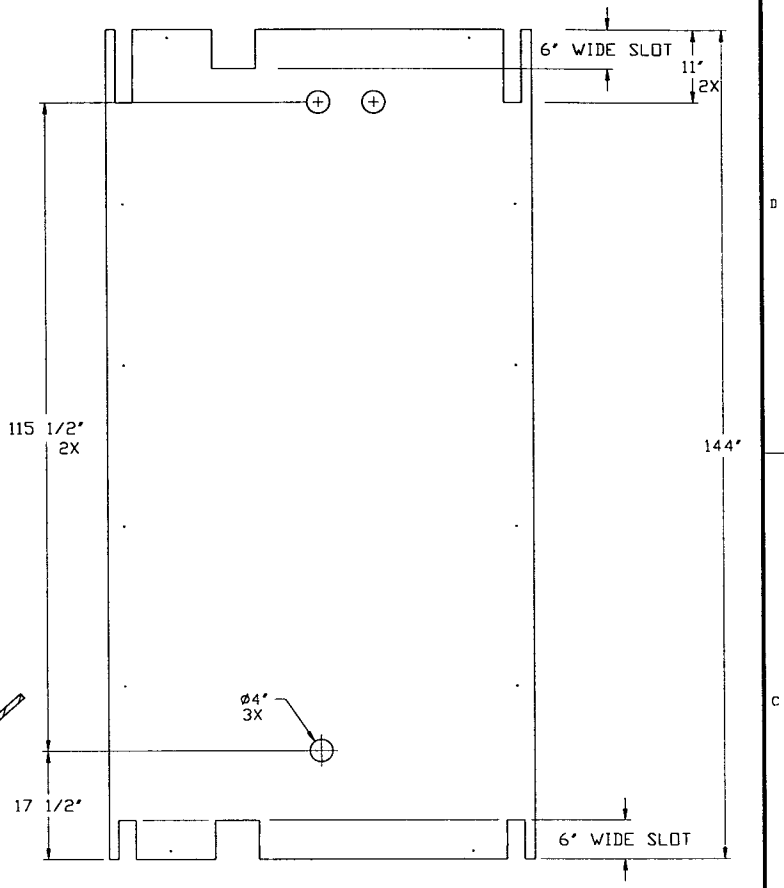
SHIELD END DIMENSION CHART

ITEM NO.	DIM -A-
#3	23 1/2"
#8	31 1/2" (SHOWN)

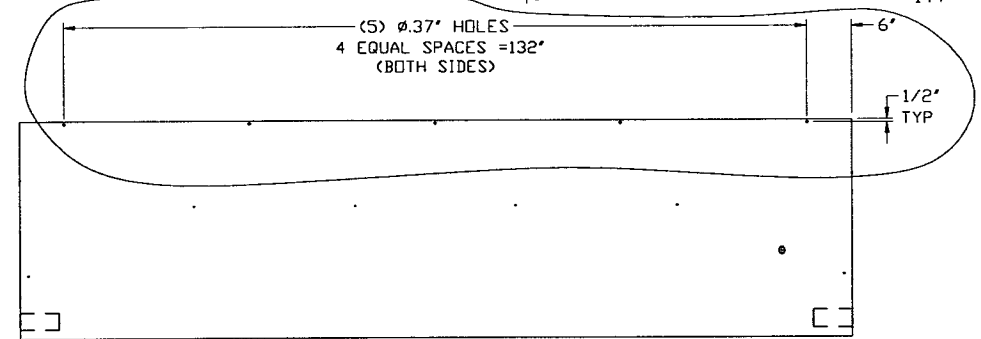
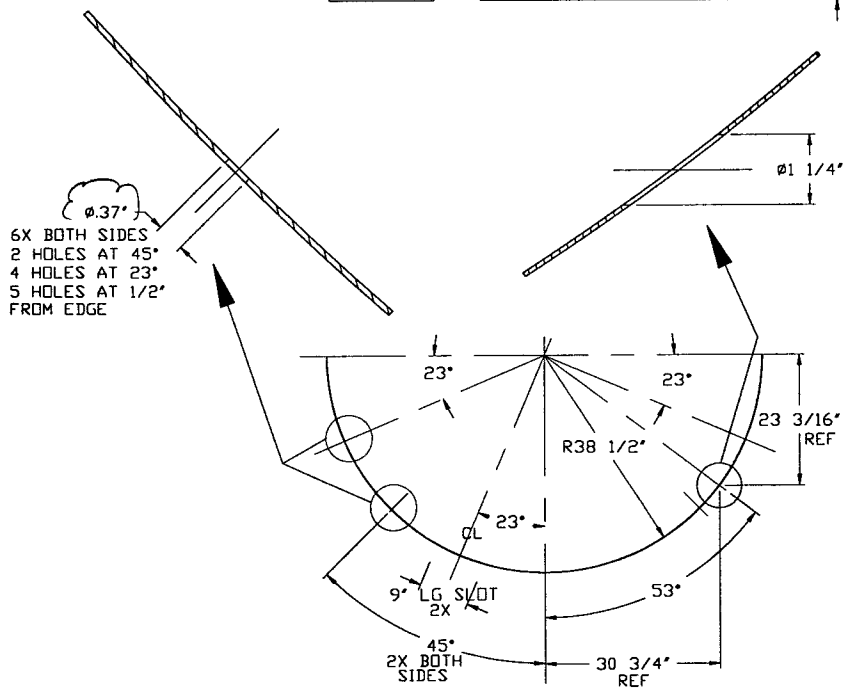
#3-G1 & #8-G1= AS SHOWN
 #3-G2 & #8-G2= OPPOSITE HAND
 THICKNESS .080"
 NOTE: SHIELDS TO BE PERFORATED WITH 7/16" HOLES ON 3" CTRS.



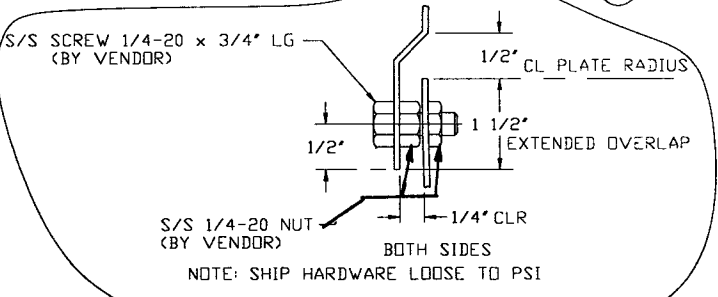
6X BOTH SIDES
 2 HOLES AT 45°
 4 HOLES AT 23°
 5 HOLES AT 1/2" FROM EDGE



DETAIL #1
 G1= AS SHOWN
 G2= OPPOSITE HAND
 ① SHIELD LONG, TOP



DETAIL #2
 G1= AS SHOWN
 G2= OPPOSITE HAND
 ② SHIELD LONG, BOTTOM



NOTE: SHIP HARDWARE LOOSE TO PSI

SEE SHEET 1 FOR REVISIONS

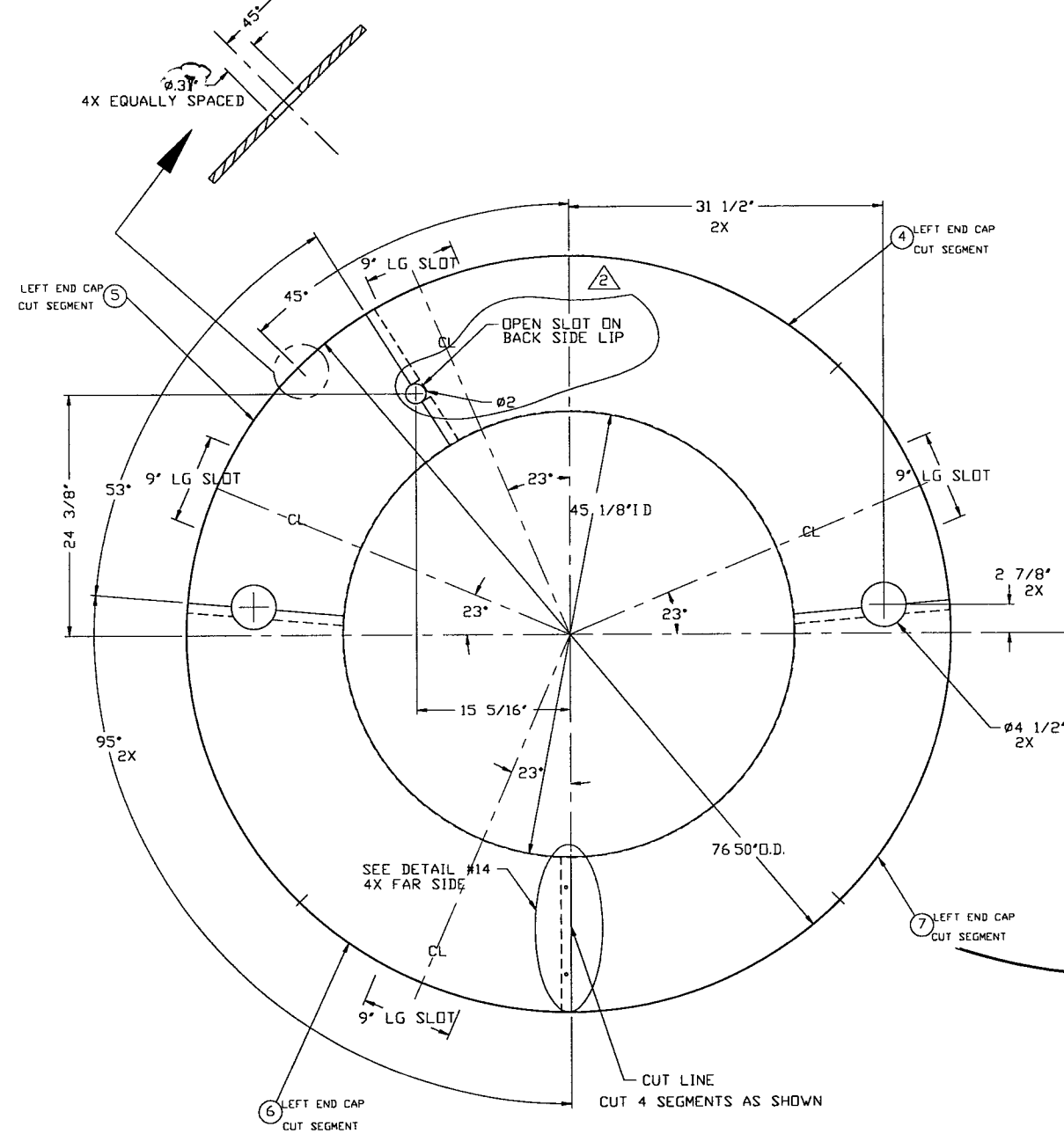
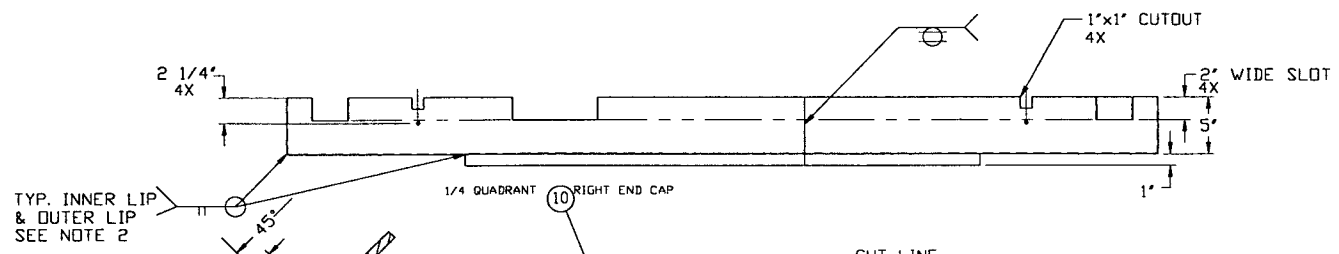
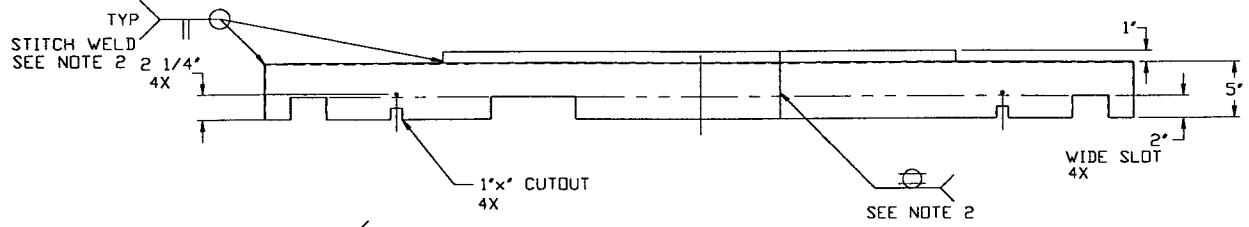
PROCESS SYSTEMS INTERNATIONAL INC.
 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

80K PUMP-LONG-SHIELD DETAIL ASS'Y
 RIGHT HAND AND LEFT HAND

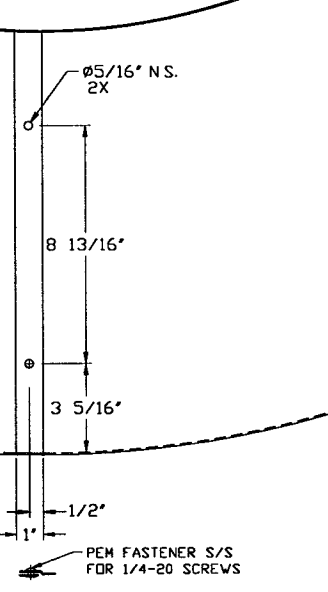
LIGO VACUUM EQUIPMENT

CAD FILE	SIZE	DWG NO	REV
494114S2	D	V049-4-114	2
SCALE	NONE	SHEET	2 OF 3

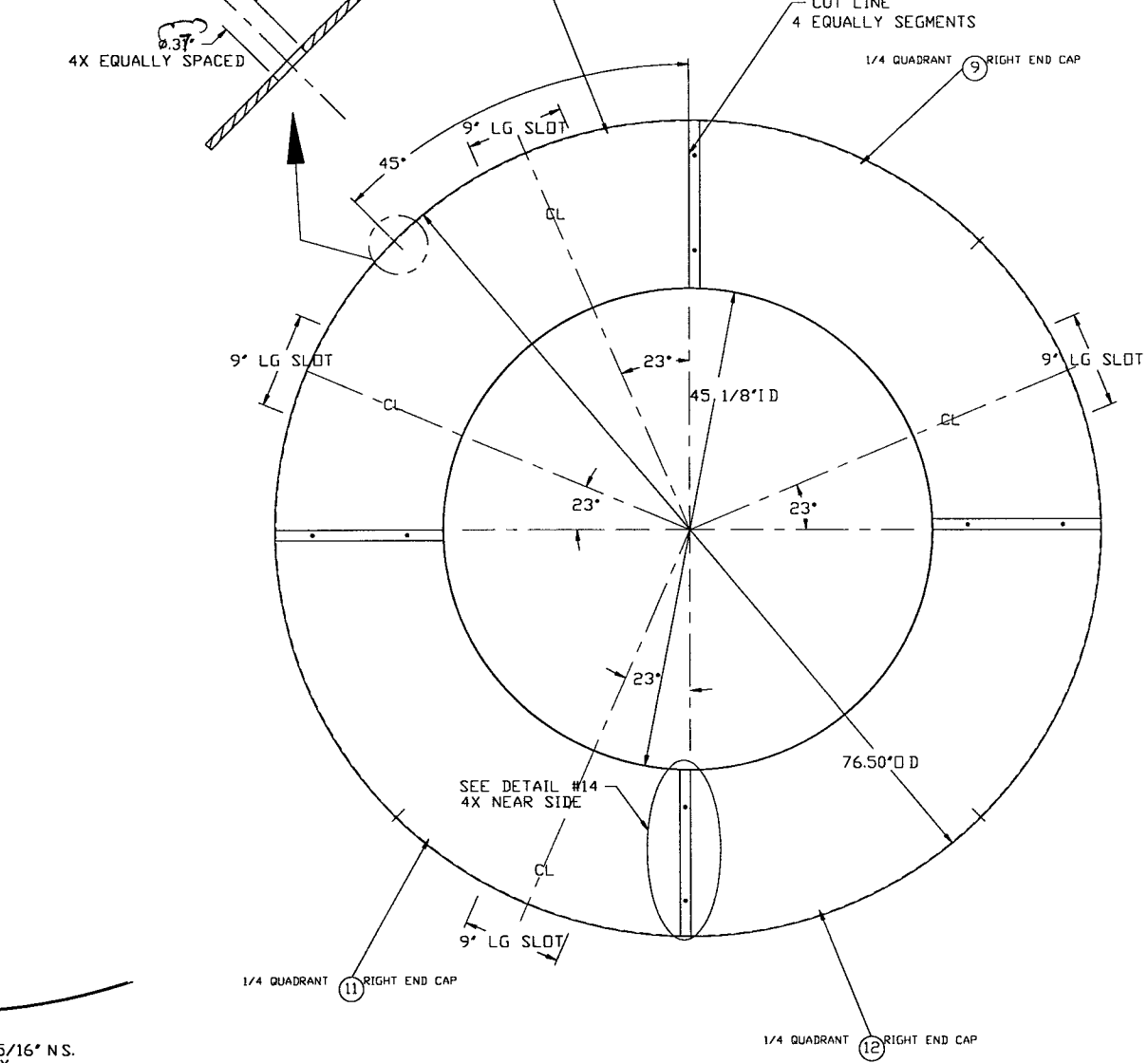
JUN 30 1997 - 08366



DETAIL #4 (VIEW INSIDE-OUT)
G1-AS SHOWN
G2-OPPOSITE HAND



DETAIL #14



DETAIL #9 (VIEW OUTSIDE-IN)
G1-AS SHOWN
G2-OPPOSITE HAND

- NOTE:**
- 1.) ALL ALUMINUM SHEET MATERIAL TO BE 5052 x .086 THK VENDOR TO CONFIRM MATERIAL ALLOY SPECIFICATION, WITH PSI, PRIOR TO FABRICATION.
 - 2.) USE TIG WELD PROCESS
 - 3.) SEE ADDITIONAL NOTES ON SHT. 2 OF 3

SEE SHEET 1 FOR REVISIONS

PROCESS SYSTEMS INTERNATIONAL INC. 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA			
80K PUMP-LONG-SHIELD DETAIL ASSY RIGHT HAND AND LEFT HAND			
LIGO VACUUM EQUIPMENT			
CAD FILE 494114S3	SIZE D	DWG NO. V049-4-114	REV 2
SCALE NONE	SHEET 3 OF 3		

JUN 31 1997 - 0900047