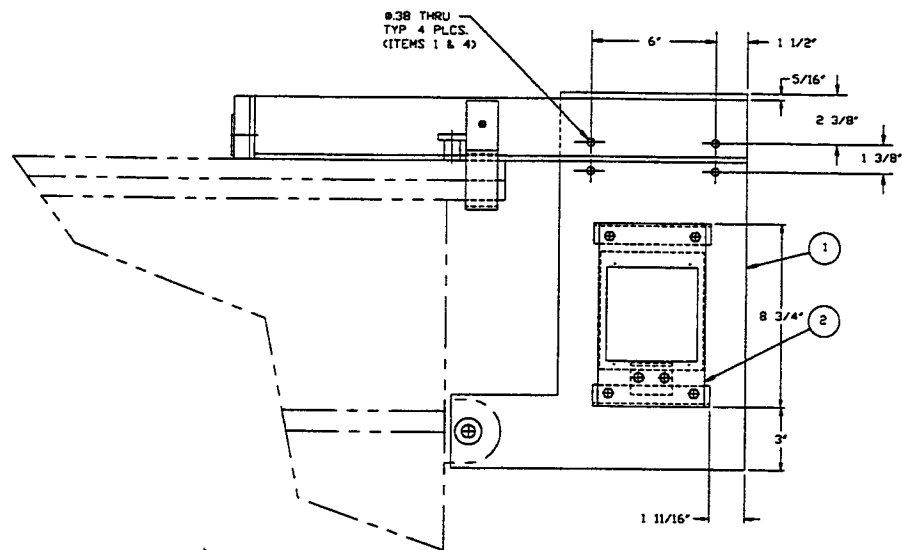
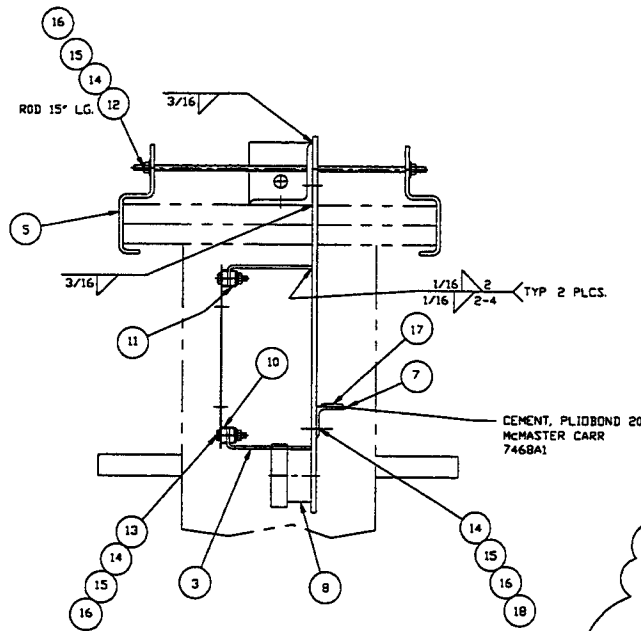


PLAN



ELEVATION



SIDE VIEW

NOTE

- FOR MOUNTING / ORIENTATION OF ASSY. 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.
- SEE DWG. V049-4-109 (44"GV'S) OR V049-4-165 (48"GV'S) FOR ASSEMBLY REQUIREMENTS
- THE HARDWARE TO BOLT ASSEMBLY TO GATE VALVE IS SHOWN ON ASSY. DWG. V049-4-109 OR DWG. V049-4-165
- THE PARTS REQUIRED ARE LISTED ON BOM V0491151 OR V0491151G1, AS APPLICABLE TO VALVE LOCATION

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DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION

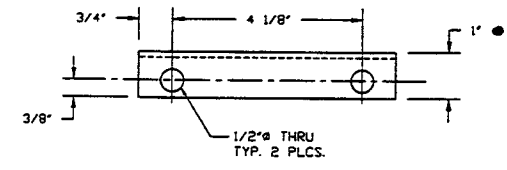
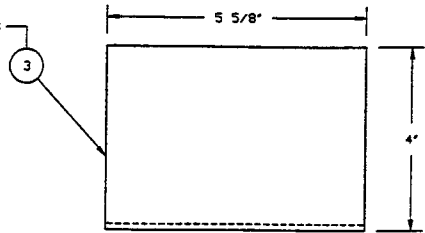
REV	DESCRIPTION	DMW	PEF	GS	RDC	REC	PV	DATE	DESN
2	ISSUED FOR CONSTRUCTION AS NOTED							06/05/97	0479
1	REISSUED FOR FABRICATION							1/28/97	0422
0	ISSUED FOR FABRICATION/ BIDS							11/22/96	0358

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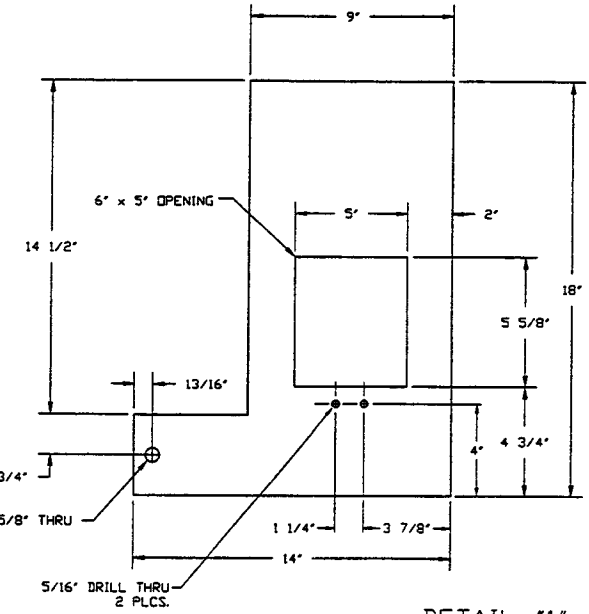
25 ION PUMP VALVE SUPPORT
LIGO VACUUM EQUIPMENT

CAD FILE: 4107S1
SIZE: D
DWG. NO.: V049-4-107
SCALE: 3"=1'-0"
SHEET: 1 OF 2

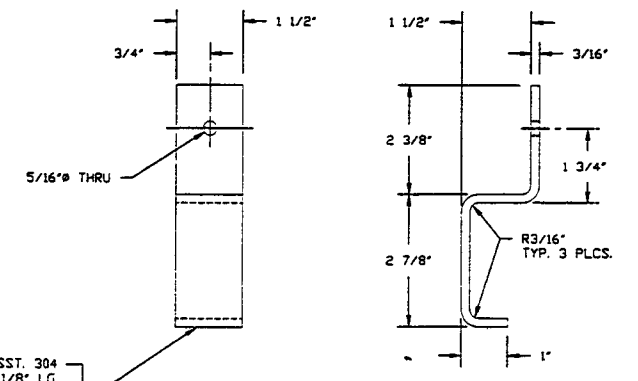
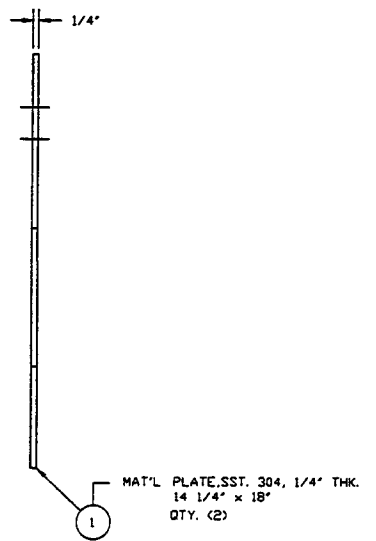
MAT'L SHEET, SST. 304, 1/8" THK. x
12' x 5 5/8"
QTY. 2



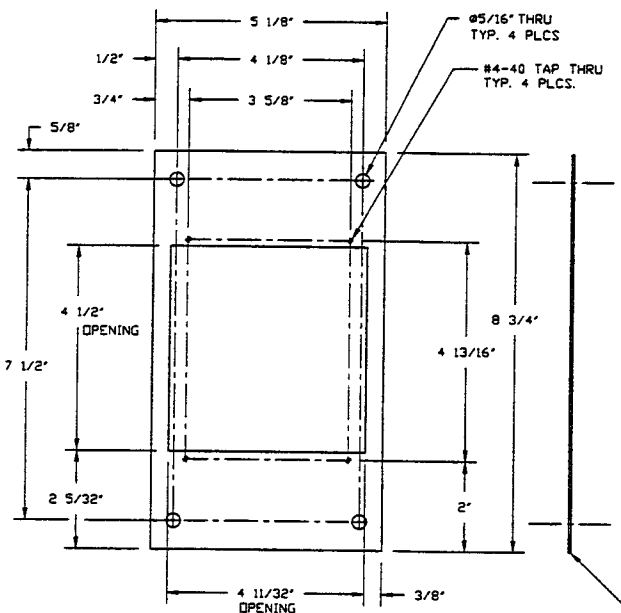
DETAIL "3"
V0494107P3
SCALE HALF



DETAIL "1"
V0494107P1
SCALE 3"=1'-0"

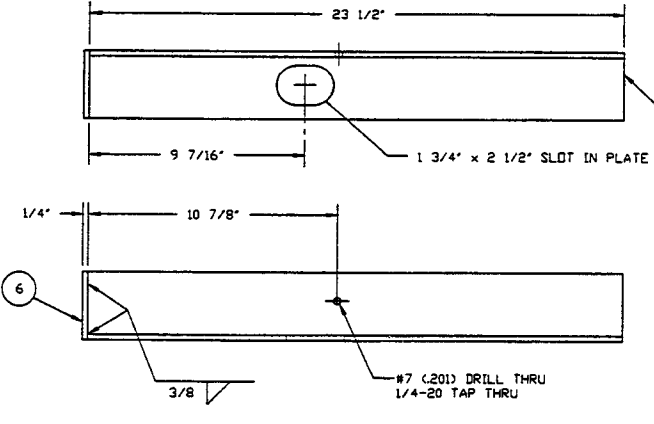


DETAIL "5"
V0494107P5
SCALE HALF



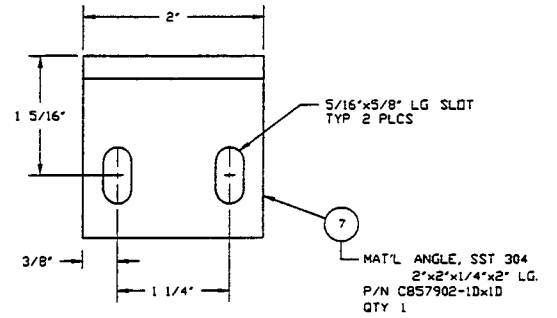
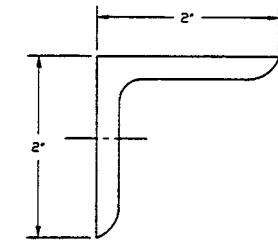
DETAIL "2"
V0494107P2
SCALE HALF

MAT'L SHEET, SST. 304, 14 GA
5 1/8" x 8 3/4"
QTY. (1)



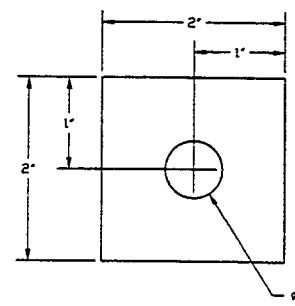
DETAIL "4"
SCALE 3"=1'-0"

MAT'L ANGLE, SST. 304, 1/4" THK.
3"x3"x23 1/2" LG
P/N C857904-03x03
QTY. (1)



DETAIL "7"
SCALE FULL

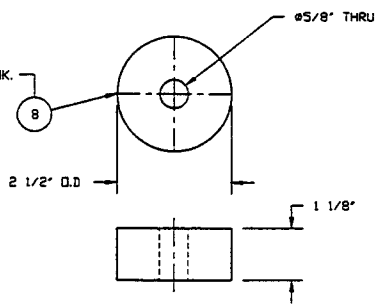
MAT'L ANGLE, SST 304
2"x2"x1/4"x2" LG.
P/N C857902-1Dx1D
QTY. 1



DETAIL "9"
SCALE FULL

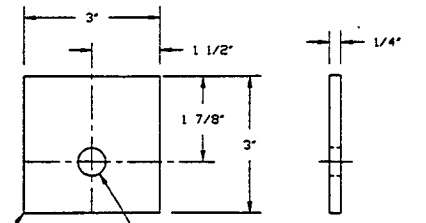
MAT'L FLAT BAR, SST 304, 1/8"x2"
P/N C387902-02
QTY. 2

MAT'L ROUND BAR 2 1/2"Øx1 1/8" THK.
P/N C467932
QTY. 1



DETAIL "8"
V049-4-107P8
SCALE HALF

MAT'L BAR, SST 304, 1/4"x3"x3" LG.
P/N C387904-03
QTY. (1)



DETAIL "6"
SCALE HALF

SEE SHEET 1 FOR REVISIONS

PROCESS SYSTEMS INTERNATIONAL INC. 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA			
25 ION PUMP VALVE SUPPORT LIQD VACUUM EQUIPMENT			
CAD FILE 4107S2	SIZE D	DWG. NO. V049-4-107	REV 2
SCALE AS NOTED	SHEET 2	OF 2	

REV 12, 1997 - 11/4/00