



- NOTES:
- 1) STEEL CONSTRUCTION SHALL CONFORM TO THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL.
 - 2) WELDING OF STEEL SHALL BE IN ACCORDANCE WITH AWS D11.
 - 3) FABRICATOR SHALL SAND BLAST ALL EXPOSED SURFACES IN ACCORDANCE WITH SSPC-SP-6.
 - 4) STEEL SHALL BE PAINTED WITH WHITE EPOXY POLYURETHANE. ALL SURFACES SHALL BE CLEAN AND FREE OF LOOSE SCALE. CLEAN AND PRIME IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - 5) ALUMINUM CONSTRUCTION SHALL CONFORM TO THE ALUMINUM ASSOCIATION SPECIFICATIONS FOR ALUMINUM STRUCTURES.

BY	QTY	U/M	DESCRIPTION
BY PSI	32	4 FT	TUBE STEEL, A500 GR.B 4 X 4 X 1/4" V.T.
BY PSI	31	6 FT	TUBE STEEL, A500 GR.B 3 1/2 X 3 1/2 X 3/16" V.T.
	10	1/4 SF	PLATE, STEEL, A36 1/2" THK. X 3' W.
	9	8 EA	3/8"-16 X 4 1/2" LG. HEX HEAD BOLT, S.S.
	8	8 EA	3/8" FLAT WASHER, S.S.
	7	8 EA	3/8"-16 HEX NUT, S.S.
	6	25 SF	PLATE, ALUMINUM, 6061-T6 1/2" THK X 6 1/8" W.
	5	37 FT	TUBE, ALUMINUM, 6061-T6 3 X 3 X 3/16" V.T.
	4	34 FT	TUBE STEEL, A500 GR.B 2 X 2 X 3/16" V.T.
	3	43.5 FT	TUBE STEEL, A500 GR.B 4 X 2 X 3/16" V.T.
	2	55.5 FT	TUBE STEEL, A500 GR.B 6 X 3 X 3/16" V.T.
	1	26 FT	TUBE STEEL, A500 GR.B 3 1/2 X 3 1/2 X 3/16" V.T.
			APPROX. WT. = 1700 LBS.

PROPRIETARY AND CONFIDENTIAL

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, NOR SHALL SUCH INFORMATION BE FURNISHED IN WHOLE OR IN PART TO OTHERS EXCEPT IN ACCORDANCE WITH THE TERMS OF ANY AGREEMENT UNDER WHICH IT WAS SUPPLIED OR WITH THE PRIOR WRITTEN CONSENT OF PROCESS SYSTEMS INTERNATIONAL, INC AND SHALL BE RETURNED UPON REQUEST.

DWG NO	DESCRIPTION	DWG NO	DESCRIPTION

REV	DESCRIPTION	CHKD	DRWN	DATE	DESN
1	REISSUED FOR PSI FAB AS NOTED			4/22/97	0448
0	ISSUED FOR FAB			10/17/96	0276

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

CLEAN ROOM STRUCTURE WELDMENT
HORIZONTAL ACCESS MODULE

LIGO VACUUM EQUIPMENT

SCALE: 1"=2' SHEET 1 OF 1

LIGO-D970435-01-V