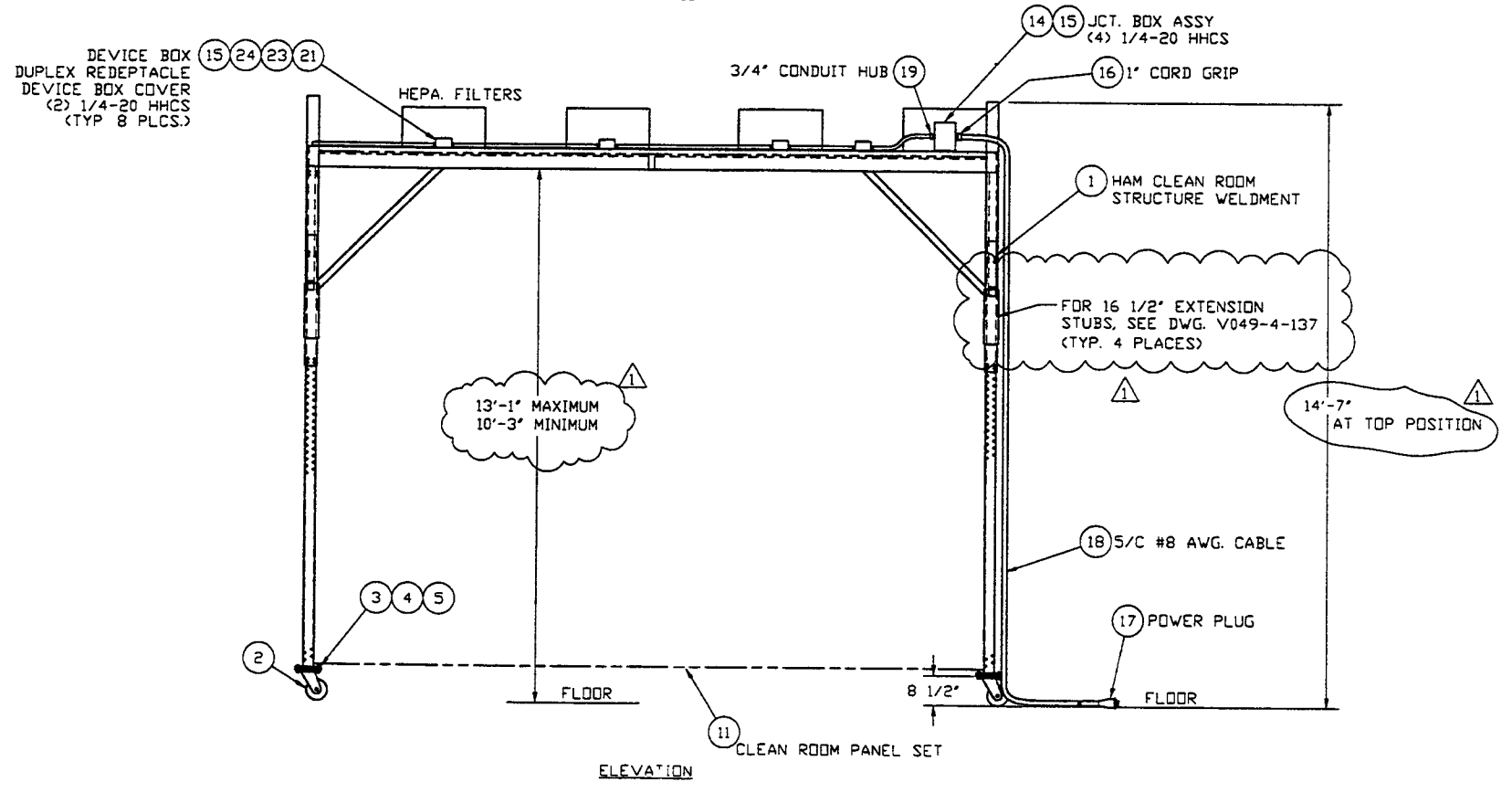


**NOTES:**  
 CLAMP WALL ANGLE TO STRUCTURAL MEMBERS AS SHOWN. DRILL #10 (.1935) HOLE THRU WALL ANGLE AND STRUCTURAL MEMBER EVERY 8". ATTACH ANGLE WITH 3/16" X .565" LG. BLIND RIVET.  
 LOCATE MAIN TEE'S & CUT TO LENGTH. CLAMP TO WALL ANGLE AS SHOWN. DRILL #10 (.1935) HOLE THRU WALL ANGLE AND TEE. ATTACH TEE TO ANGLE WITH 3/16" X .315" LG. BLIND RIVET.  
 INSTALL GASKET AS SHOWN AFTER WALL ANGLES AND MAIN TEE'S HAVE BEEN RIVETED IN PLACE.

**GENERAL NOTES:**  
 1.) ATTACH ALL FILTERS AND LIGHTING PANELS TO STRUCTURAL STEEL WITH ITEM #26 WIRE ROPE ASSEMBLIES PROVIDED. DRILL & TAP #10-32 HOLE IN FILTER & LIGHTING PANEL AS REQUIRED TO ATTACH WIRE ROPE. SEAL ATTACHMENT TO FILTER WITH RTV SEALANT.  
 2.) SUPPORT 3/4" IMC CONDUIT FROM STRUCTURAL STEEL AS REQUIRED USING ITEM #25 3/4" CONDUIT HANGER.



APPROX. WT. = 4100#

ITEM	PART NUMBER	QTY	U/M	DESCRIPTION	ITEM	PART NUMBER	QTY	U/M	DESCRIPTION
30	V0492142-P3	4	EA	2' X 3' LIGHTING PANEL, 277VAC PER SPEC V049-2-142	15	B0521043	31	EA	HHCS, 1/4-20 X 3/4" LG
29	V0492142-P2	4	EA	2' X 3' HEPA FILTER/BLOWER, 277VAC PER SPEC V049-2-142	14	V0493039	1	EA	ASSY, JUNCTION FUSE BOX, CLEAN ROOM HORIZONTAL ACCESS MODULE
28	V0492142-P1	8	EA	2' X 4' HEPA FILTER/BLOWER, 277VAC PER SPEC V049-2-142	13	V59049E029	16	EA	CLEAN ROOM GRID, HOLD DOWN CLIP CEILING PANEL
27	B0529852	64	EA	HHCS, #10-32 X 1/2" LG	12	V59049E028	11	EA	CEILING PANEL, 2' X 4' X 1/2", WHITE CLASS 100 CLEAN ROOM
26	V59049E033	16	EA	WIRE ROPE ASSY, 1/16" DIA. EYE BOTH ENDS 18" LG, 96 LBS CAP	11	V0492144P1	1	EA	CLEAN ROOM SOFTWALL PANEL SET, HAM PER SPEC V049-2-144
25	0829437	7	EA	CONDUIT, 3/4" HANGER	10	V59049E027	72	EA	RIVET, BLIND, 3/16" X .315, ST STEEL .063 TO .125 GRIP RANGE
24	V59049E041	9	EA	COVER, DEVICE BOX, DUPLEX RECEPTACLE SINGLE GANG	9	V59049E026	192	EA	RIVET, BLIND, 3/16" X .565, ST STEEL .251 TO .375 GRIP RANGE
23	V59049E040	9	EA	RECEPTACLE, DUPLEX, 15A 277VAC NEMA L7-15R, TWISTLOCK	8	V59049E025	210	FT	GASKET, ADHESIVE, 1/2" X 1/4" THK BLACK NEOPRENE
22	V59049E039	1	EA	DEVICE BOX, SINGLE GANG, (1) 3/4" HUBS ALUMINUM W/ MNTG LUGS	7	V59049E024	130	FT	CLEAN ROOM GRID, 1 1/2" MAIN TEE NO GASKET, WHITE
21	V59049E032	8	EA	DEVICE BOX, SINGLE GANG, (2) 3/4" HUBS ALUMINUM W/ MNTG LUGS	6	V59049E023	140	FT	CLEAN ROOM GRID, 1" WALL ANGLE NO GASKET, WHITE
20	0829432	44	FT	CONDUIT, 3/4" IMC	5	B0520654	16	EA	1/2"-13 HEX NUT
19	300578	1	EA	CONDUIT HUB, 3/4"	4	B0521632	16	EA	1/2" FLAT WASHER
18	202190	25	FT	CABLE, 5/C #8 AWG, TYPE SO 90°C, 600VAC	3	B0521063	16	EA	HHCS, 1/2"-13 X 2" LG.
17	V59049E030	1	EA	MALE PLUG, TWIST-LOCK, 60A 3 PH. "Y" 277/480VAC	2	V59049E022	4	EA	CASTER, 6" DIA X 3" V/BRAKE 1800 LBS. CAP.
16	V59049E031	1	EA	CORD GRIP, 1" NPT, ALUMINUM 875 - 100 DIA GRIP	1	V0494137	1	EA	STRUCTURE WELDMENT, CLEAN ROOM HORIZONTAL ACCESS MODULE

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DWG NO	DESCRIPTION	DWG NO	DESCRIPTION

DO NOT SCALE THIS DRAWING	USED ON	REV	DESCRIPTION	ISSUE DESCRIPTION
0			ISSUED FOR FAB	
1			REISSUED FOR FAB AS NOTED	

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

**CLEAN ROOM ASSEMBLY HORIZONTAL ACCESS MODULE**  
**LIGO VACUUM EQUIPMENT**

CAD FILE: V0494136  
 SHEET: D  
 DWG NO: V049-4-136  
 SCALE: 1"=2'  
 SHEET: 1 OF 1

REV 02: 1997 - 10-28-92

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