



- GENERAL NOTES:**
- 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.
 - SUPPORT 3/4" JMC CONDUIT FROM STRUCTURAL STEEL AS REQUIRED USING ITEM #25 3/4" CONDUIT HANGER.
 - STYLE 2 = QTY : FOR WA, QTY : FOR LA
 - APPROX WEIGHT = 5500#
 - USE GASKET MATERIAL (ITEM 8) BETWEEN ALL FIXTURES AND SUPPORT STEEL ON FRAME. A CONTINUOUS SEAL IS REQUIRED.
 - * = PARTS SUPPLIED BY PSI, ALL OTHER PARTS BY CONTRACTOR

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BILL OF MATERIALS				LIGO-D970433-03-V					
ITEM	PSI PART NUMBER	QTY	U/M	DESCRIPTION	ITEM	PSI PART NUMBER	QTY	U/M	DESCRIPTION
32	BY FIELD	16	EA	FLUORESCENT BULB, 4100K, 25WATT SYLVANIA OCTRON, F025/741	15	B0521043	31	EA	SCREW, 1/4-20 X 3/4" LG S/S
30	V0492142P3	4	EA	2' X 3' LIGHTING PANEL, 277VAC PER SPEC V049-2-142	14	V0493041	1	EA	ASSY. JUNCTION FUSE BOX, CLEAN ROOM BEAM SPLITTER MODULE
29	V0492142P2	16	EA	2' X 3' HEPA FILTER/BLOWER, 277VAC PER SPEC V049-2-142	13	EP76TL	4	EA	WIRE NUT, RED, #4-#12
28	V049E042	1	EA	COVER, DEVICE BOX, BLANK SINGLE GANG	12	200802	1	EA	CONDUIT UNION, 3/4", THREE PIECE
27	B0529H52	52	EA	SCREW, #10-32 X 1/2" LG S/S	11	V0492145P2	1	EA	CLEAN ROOM SOFTWALL PANEL SET, BSC PER SPEC V049-2-145
26	V049E033	26	EA	WIRE ROPE ASSY, 1/16" DIA EYE BOTH ENDS 16" LG, 96 LBS CAP	10	V049E106	4	EA	CEILING PANEL, 2' X 3' X 1/2" THK CLASS 100 CLEAN ROOM
25	0829437	4	EA	CONDUIT, 3/4" HANGER	9				
24	V049E341	18	EA	COVER, DEVICE BOX, DUPLEX RECEPTACLE SINGLE GANG	8	V049E025	200	FT	GASKET, ADHESIVE, 1/2" X 1/4" THK BLACK NEDPRENE
23	V049E040	18	EA	RECEPTACLE, DUPLEX, 15A 277VAC NEMA L7-15R, TWISTLOCK	7				
22	V049E139	1	EA	DEVICE BOX, SINGLE GANG, (1) 3/4" HUBS ALUMINUM W/ MNTG LUGS	6	V049E107	3	EA	90° FEMALE PULLING ELBOW, 3/4" INC
21	V049E132	18	EA	DEVICE BOX, SINGLE GANG, (2) 3/4" HUBS ALUMINUM W/ MNTG LUGS	5	B0520654	16	EA	1/2"-13 HEX NUT S/S
20	0829432	54	FT	CONDUIT, 3/4", JMC	4	B0521632	16	EA	1/2" FLAT WASHER S/S
19	300578	1	EA	CONDUIT HUB, 3/4"	3	B0521063	16	EA	SCREW, 1/2"-13 X 2" LG S/S
18	202190	30	FT	CABLE, 5/8" #8 AWG, TYPE SD 90°C, 600VAC	2	V049E022	4	EA	CASTER, 6" DIA X 3" W/BRAKE 1800 LBS CAP
17	V049E030	1	EA	MALE PLUG, TWIST-LOCK, 60A 3 PH 1" 277/480VAC	1	V0494138	1	EA	STRUCTURE WELDMENT, CLEAN ROOM BEAM SPLITTER CHAMBER
16	V049E031	1	EA	CORD GRIP, 1" NPT, ALUMINUM B75 - 100 DIA GRIP					

BWG NO	DESCRIPTION	BWG NO	DESCRIPTION
V049-3-042	BSC CLEAN ROOM ELECTRICAL SCHEMATIC		
V049-4-138	CLEAN ROOM STRUCTURE WELDMENT		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL & ANGULAR: 1/16" - 3/16" BEND 1/2"
THREE PLACE DECIMAL & 0.005 FINISHED SURFACE FINISH BREAK CORNERS IN DWT REMOVE ALL BURRS
DO NOT SCALE THIS DRAWING
USED ON:
NEXT ASSY:

REV	DESCRIPTION	CHKD	BRWN	DATE	DESN
3	REISSUED FOR FABRICATION AS NOTED			08/20/97	0541
2	REISSUED FOR FABRICATION AS NOTED	REB	RDC	5/27/97	0489
1	REISSUED FOR FABRICATION AS NOTED	REB	RDC	5/7/97	0482
0	ISSUED FOR FABRICATION	PEF	REC	04/11/97	0448

PROCESS SYSTEMS INTERNATIONAL INC.
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BSC CLEAN ROOM ASSEMBLY BSC STYLE 2

LIGO VACUUM EQUIPMENT

CAD FILE: V0494135
SIZE: D
DWG NO: V049-4-135
SCALE: 1"=2"
SHEET: 1 OF 1