



- 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" IMC CONDUIT FROM STRUCTURAL STEEL AS REQUIRED USING ITEM #25 3/4" CONDUIT HANGER
 - APPROX. WEIGHT OF ASSEMBLY = 5800#
 - FOR STYLE 1, ASSEMBLY BOM IS V0494133G1, ITEM 11 IS P/N V0492145 P1 (QTY. 2 TOTAL FOR PROJECT)
FOR STYLE 3, ASSEMBLY BOM IS V0494133G3, ITEM 11 IS P/N V0492145 P3 (QTY. 6 TOTAL FOR PROJECT)
 - USE GASKET MATERIAL (ITEM 8) BETWEEN ALL FIXTURES AND SUPPORT STEEL ON FRAME. A CONTINUOUS SEAL IS REQUIRED.

ITEM	PART NUMBER	QTY	U/M	DESCRIPTION	ITEM	PART NUMBER	QTY	U/M	DESCRIPTION
30	V0492142-P3	6	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	22	EA	2' X 3' HEPA FILTER/BLOWER, 277VAC PER SPEC V049-2-142	14	V0493041	1	EA	ASSY, JUNCTION FUSE BOX, CLEAN ROOM BEAM SPLITTER MODULE
28	V049E042	1	EA	COVER, DEVICE BOX, BLANK SINGLE GANG	13	EP76TL	4	EA	WIRE NUT, RED, #4-#12
27	B0529852	52	EA	HHCS, #10-32 X 1/2" LG.	12	200802	1	EA	CONDUIT UNION, 3/4", THREE PIECE
26	V049E033	26	EA	WIRE ROPE ASSY, 1/16" DIA EYE BOTH ENDS 18" LG, 96 LBS CAP	11	SEE NOTE 4	1	EA	CLEAN ROOM SOFTWALL PANEL SET, BSC PER SPEC V049-2-145
25	0829437	4	EA	CONDUIT, 3/4" HANGER	10	V049E106	2	EA	CEILING PANEL, 2' X 3' X 1/2" THK CLASS 100 CLEAN ROOM
24	V049E041	18	EA	COVER, DEVICE BOX, DUPLEX RECEPTACLE SINGLE GANG	9				
23	V049E040	18	EA	RECEPTACLE, DUPLEX, 15A 277VAC NEMA L7-15R, TWISTLOCK	8	V049E025	200	FT	GASKET, ADHESIVE, 1/2" X 1/4" THK, BLACK NEOPRENE
22	V049E039	1	EA	DEVICE BOX, SINGLE GANG, (1) 3/4" HUBS ALUMINUM W/ MNTG LUGS	7				
21	V049E032	18	EA	DEVICE BOX, SINGLE GANG, (2) 3/4" HUBS ALUMINUM W/ MNTG LUGS	6	V049E107	3	EA	90° FEMALE PULLING ELBOWS, 3/4" IMC
20	0829432	54	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	30	FT	CABLE, S/C #8 AVG. TYPE SD 90°C, 600VAC	3	B0521063	16	EA	HHCS, 1/2"-13 X 2" LG.
17	V049E030	1	EA	MALE PLUG, TWIST-LOCK, 60A 3 PH "Y" 277/480VAC	2	V049E022	4	EA	CASTER, 6" DIA X 3" W/BRAKE 1800 LBS CAP
16	V049E031	1	EA	CORD GRIP, 1" NPT, ALUMINUM .875 - 1.00 DIA GRIP	1	V0494134	1	EA	STRUCTURE WELDMENT, CLEAN ROOM BEAM SPLITTER CHAMBER
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1									
ITEM	PART NUMBER	QTY	U/M	DESCRIPTION	ITEM	PART NUMBER	QTY	U/M	DESCRIPTION

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DWG. NO.	DESCRIPTION	REFERENCE DRAWINGS
V049-2-145	SPEC CLEAN ROOM SOFT WALL PANELS-BSC	
V049-4-134	CLEAN ROOM STRUCTURE WELDMENT	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL:
ANGULAR APPROX 10°-30° BEND ±2°
TWO PLACE DECIMAL, 1/8"
THREE PLACE DECIMAL, 1/32"
FINISHED SURFACE AND BREAK CORNERS 1/4"
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON: _____

NEXT ASS'Y: _____

REV	DESCRIPTION	ISSUE DESCRIPTION
3	REISSUED FOR FABRICATION AS NOTED	
2	REISSUED FOR FABRICATION AS NOTED	
1	REISSUED FOR FABRICATION	
0	ISSUED FOR FABRICATION	

PROCESS SYSTEMS INTERNATIONAL, INC.
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BSC CLEAN ROOM ASSEMBLY
BSC STYLE 1 & 3

LIGO VACUUM EQUIPMENT

CAD FILE: V0494133
SIZE: D
DWG. NO.: V049-4-133
REV: 3

SCALE: 1"=2'
SHEET: 1 OF 1