

DISTRIBUTION SYSTEM FEEDER SCHEDULE
VERTEX SECTION; CORNER STATION

FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT #	EQUIPMENT SERVED	CONDUIT	FILL
1	C-CC-PD-VEAC-01		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
2	C-CC-PD-VEAC-01		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
3	C-CC-PD-VEAC-01A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
4	C-CC-PD-VEAC-01A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
5	C-CC-PD-VEAC-02		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
6	C-CC-PD-VEAC-02		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
7	C-CC-PD-VEAC-02A		TURBO PUMP	3/4"	4-#12, #10 GND
8	C-CC-PD-VEAC-02A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
9	C-CC-PD-VEAC-02A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
10	C-CC-PD-VEAC-01		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
11	C-CC-PD-VEAC-01		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
12	C-CC-PD-VEAC-03		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
13	C-CC-PD-VEAC-01A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
14	C-CC-PD-VEAC-03A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
15	C-CC-PD-VEAC-01A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
16	C-CC-PD-VEAC-02		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
17	C-CC-PD-VEAC-02		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
18	C-CC-PD-VEAC-02		ROUGHING PUMP	3/4"	3-#12, #10 GND
19	C-CC-PD-VEAC-02A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
20	C-CC-PD-VEAC-02A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
21	C-CC-PD-VEAC-03		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
22	C-CC-PD-VEAC-03		GATE VALVE LGV2	3/4"	3-#12, #10 GND
23	C-CC-PD-VEAC-03		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
24	C-CC-PD-VEAC-04		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
25	C-CC-PD-VEAC-04		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
26	C-CC-PD-VEAC-04		GATE VALVE LGV1	3/4"	3-#12, #10 GND
27	C-CC-PD-VEAC-04A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
28	C-CC-PD-VEAC-04A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
29	C-CC-PD-VEAC-17		AIR COMPRESSOR	2"	3-#2/0, #6 GND
30	C-CC-PD-VEAC-17		ROUGH BACKING PUMP	3/4"	3-#8, #10 GND
31	C-CC-PD-VEAC-17		ROUGH BACKING PUMP	3/4"	3-#8, #10 GND
32	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
33	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
34	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
35	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
36	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
37	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
38	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
39	C-CC-PD-VEAC-17A		2500 1/s ION PUMP	SEE PLAN	2-#12, #12 GND
40	C-CC-PD-VEAC-17A		VE CONTROL TRANSFORMER	3/4"	2-#12, #12 GND
41	C-CC-PD-VEAC-17A		TURBO BACKING PUMP	3/4"	4-#10, #8 GND
42	C-CC-PD-VEAC-17A		TURBO BACKING PUMP	3/4"	4-#10, #8 GND

DISTRIBUTION SYSTEM FEEDER SCHEDULE
RIGHT BEAM MANIFOLD; CORNER STATION

FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT #	EQUIPMENT SERVED	CONDUIT	FILL
1	C-CC-PD-VEAC-05		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
2	C-CC-PD-VEAC-05		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
3	C-CC-PD-VEAC-05		REGEN HEATER	1"	3-#10, #8 GND
4	C-CC-PD-VEAC-05A		CHECK VALVE HEAT TRACE	1"	2-#12, #12 GND
5	C-CC-PD-VEAC-03A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
6	C-CC-PD-VEAC-03A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
7	C-CC-PD-VEAC-03A		TURBO PUMP	3/4"	4-#12, #10 GND
8	C-CC-PD-VEAC-03		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
9	C-CC-PD-VEAC-03		ROUGHING PUMP	3/4"	3-#12, #10 GND
10	C-CC-PD-VEAC-03A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
11	C-CC-PD-VEAC-03A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
12	C-CC-PD-VEAC-05		TURBO PUMP	3/4"	4-#12, #10 GND
13	C-CC-PD-VEAC-03A		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
14	C-CC-PD-VEAC-03A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND

DISTRIBUTION SYSTEM FEEDER SCHEDULE
LEFT BEAM MANIFOLD; CORNER STATION

FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT #	EQUIPMENT SERVED	CONDUIT	FILL
1	C-CC-PD-VEAC-06		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
2	C-CC-PD-VEAC-06		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
3	C-CC-PD-VEAC-06		REGEN HEATER	1"	3-#10, #8 GND
4	C-CC-PD-VEAC-04A		CHECK VALVE HEAT TRACE	1"	2-#12, #12 GND
5	C-CC-PD-VEAC-04A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
6	C-CC-PD-VEAC-04A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
7	C-CC-PD-VEAC-04A		TURBO PUMP	3/4"	4-#12, #10 GND
8	C-CC-PD-VEAC-04		ROUGHING PUMP	3/4"	3-#12, #10 GND
9	C-CC-PD-VEAC-04A		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
10	C-CC-PD-VEAC-04A		TURBO PUMP	3/4"	4-#12, #10 GND
11	C-CC-PD-VEAC-06		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
12	C-CC-PD-VEAC-04A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
13	C-CC-PD-VEAC-04		BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
14	C-CC-PD-VEAC-04A		BAKEDOUT CONTROL	3/4"	2-#12, #12 GND

PRELIMINARY NOT FOR CONSTRUCTION

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REV DESCRIPTION

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PROCESS SYSTEMS INTERNATIONAL, INC.
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DISTRIBUTION SYSTEM FEEDER SCHED.
LIGO VACUUM EQUIPMENT
LOUISIANA SITE
CORNER STATION

CAD FILE V0493620
SIZE D
DWG. NO. V049-3-620
REV. 0
SCALE NONE
SHEET 1 OF 1