

1 DISTRIBUTION SYSTEM FEEDER SCHEDULE
VERTICAL SECTION; CORNER STATION

FEEDER NUMBER	SOURCE LOAD CENTER LOCATION	LOAD KVA	CB A	EQUIPMENT SERVED	CONDUIT	FILL
1	V-C-CC-PD-VEAC-01	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
2	V-C-CC-PD-VEAC-01	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
3	V-C-CC-PD-VEAC-01A	1.9	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
4	V-C-CC-PD-VEAC-01A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
5	V-C-CC-PD-VEAC-02	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
6	V-C-CC-PD-VEAC-02	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
7	V-C-CC-PD-VEAC-02A	2.0	20	TURBO PUMP	3/4"	4-812, 810 GND
8	V-C-CC-PD-VEAC-02A	1.9	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
9	V-C-CC-PD-VEAC-02A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
10	V-C-CC-PD-VEAC-01	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
11	V-C-CC-PD-VEAC-01	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
12	V-C-CC-PD-VEAC-03	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
13	V-C-CC-PD-VEAC-01A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
14	V-C-CC-PD-VEAC-03A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
15	V-C-CC-PD-VEAC-01A	1.9	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
16	V-C-CC-PD-VEAC-02	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
17	V-C-CC-PD-VEAC-02	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
18	V-C-CC-PD-VEAC-02	7.5	20	ROUGHING PUMP	3/4"	3-812, 810 GND
19	V-C-CC-PD-VEAC-02A	1.9	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
20	V-C-CC-PD-VEAC-02A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
21	V-C-CC-PD-VEAC-03	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
22	V-C-CC-PD-VEAC-03	13.3	20	GATE VALVE VGV2	3/4"	3-812, 810 GND
23	V-C-CC-PD-VEAC-03	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
24	V-C-CC-PD-VEAC-04	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
25	V-C-CC-PD-VEAC-04	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
26	V-C-CC-PD-VEAC-04	13.3	20	GATE VALVE VGV1	3/4"	3-812, 810 GND
27	V-C-CC-PD-VEAC-04A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
28	V-C-CC-PD-VEAC-04A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
29	V-C-CC-PD-VEAC-17	61.0	175	AIR COMPRESSOR	2"	3-812/8, 86 GND
30	V-C-CC-PD-VEAC-17	15.0	40	ROUGH BACKING PUMP	3/4"	3-88, 810 GND
31	V-C-CC-PD-VEAC-17	15.0	40	ROUGH BACKING PUMP	3/4"	3-88, 810 GND
32	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
33	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
34	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
35	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
36	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
37	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
38	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
39	V-C-CC-PD-VEAC-17A	1.9	20	2500 L/S IDN PUMP	SEE PLAN	2-812, 812 GND
40	V-C-CC-PD-VEAC-17A	1.9	20	VE CONTROL TRANSFORMER	3/4"	2-812, 812 GND
41	V-C-CC-PD-VEAC-17A	4.0	30	TURBO BACKING PUMP	3/4"	4-810, 88 GND
42	V-C-CC-PD-VEAC-17A	4.0	30	TURBO BACKING PUMP	3/4"	4-810, 88 GND

3 DISTRIBUTION SYSTEM FEEDER SCHEDULE
RIGHT BEAM MANIFOLD; CORNER STATION

FEEDER NUMBER	SOURCE LOAD CENTER LOCATION	LOAD KVA	CB A	EQUIPMENT SERVED	CONDUIT	FILL
1	V-C-CC-PD-VEAC-05	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
2	V-C-CC-PD-VEAC-05	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
3	V-C-CC-PD-VEAC-05	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
4	V-C-CC-PD-VEAC-03A	1.9	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
5	V-C-CC-PD-VEAC-03A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
6	V-C-CC-PD-VEAC-03A	1.9	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
7	V-C-CC-PD-VEAC-03A	2.0	20	TURBO PUMP	3/4"	4-812, 810 GND
8	V-C-CC-PD-VEAC-03	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
9	V-C-CC-PD-VEAC-03A	1.9	20	ROUGHING PUMP	3/4"	3-812, 810 GND
10	V-C-CC-PD-VEAC-03A	1.5	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
11	V-C-CC-PD-VEAC-03A	2.0	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
12	V-C-CC-PD-VEAC-03	39.9	60	TURBO PUMP	3/4"	4-810, 810 GND
13	V-C-CC-PD-VEAC-03A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND

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2 DISTRIBUTION SYSTEM FEEDER SCHEDULE
LEFT BEAM MANIFOLD; CORNER STATION

FEEDER NUMBER	SOURCE LOAD CENTER LOCATION	LOAD KVA	CB A	EQUIPMENT SERVED	CONDUIT	FILL
1	V-C-CC-PD-VEAC-06	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
2	V-C-CC-PD-VEAC-06	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
3	V-C-CC-PD-VEAC-06	20.0	30	REGEN HEATER	1"	3-810, 86 GND
4	V-C-CC-PD-VEAC-04A	1.9	20	CHECK VALVE HEAT TRACE	1"	2-812, 812 GND
5	V-C-CC-PD-VEAC-04A	1.5	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
6	V-C-CC-PD-VEAC-04A	2.0	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
7	V-C-CC-PD-VEAC-04	7.5	20	TURBO PUMP	3/4"	4-812, 810 GND
8	V-C-CC-PD-VEAC-04	7.5	20	ROUGHING PUMP	3/4"	3-812, 810 GND
9	V-C-CC-PD-VEAC-04A	1.5	20	GENERAL/IDN PUMP/AUX. TURBO	3/4"	2-812, 812 GND
10	V-C-CC-PD-VEAC-04A	2.0	20	TURBO PUMP	3/4"	4-812, 810 GND
11	V-C-CC-PD-VEAC-06	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
12	V-C-CC-PD-VEAC-04A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
13	V-C-CC-PD-VEAC-04	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
14	V-C-CC-PD-VEAC-04A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND

4 DISTRIBUTION SYSTEM FEEDER SCHEDULE
DIAGONAL SECTION; CORNER STATION

FEEDER NUMBER	SOURCE LOAD CENTER LOCATION	LOAD KVA	CB A	EQUIPMENT SERVED	CONDUIT	FILL
1	V-C-CC-PD-VEAC-05	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
2	V-C-CC-PD-VEAC-05	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
3	V-C-CC-PD-VEAC-03A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
4	V-C-CC-PD-VEAC-06	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
5	V-C-CC-PD-VEAC-06	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
6	V-C-CC-PD-VEAC-04A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
7	V-C-CC-PD-VEAC-03	13.3	20	GATE VALVE VGV4	3/4"	3-812, 810 GND
8	V-C-CC-PD-VEAC-03A	2.0	20	TURBO PUMP	3/4"	4-812, 810 GND
9	V-C-CC-PD-VEAC-03	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
10	V-C-CC-PD-VEAC-03	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
11	V-C-CC-PD-VEAC-03	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
12	V-C-CC-PD-VEAC-03A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
13	V-C-CC-PD-VEAC-03A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
14	V-C-CC-PD-VEAC-04	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
15	V-C-CC-PD-VEAC-04	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
16	V-C-CC-PD-VEAC-04	39.9	60	BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
17	V-C-CC-PD-VEAC-04	13.3	20	GATE VALVE VGV3	3/4"	3-812, 810 GND
18	V-C-CC-PD-VEAC-04	7.5	20	ROUGHING PUMP	3/4"	3-812, 810 GND
19	V-C-CC-PD-VEAC-04A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND
20	V-C-CC-PD-VEAC-04A	1.5	20	BAKEDOUT CONTROL	3/4"	2-812, 812 GND

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