



FIGURE 2

WIRE AND CONDUIT SCHEDULE			
SYMB	FEED/PHASE	CONDUCTORS	CONDUIT
1	#120	#120	#120
2	#100	#100	N/C
3	#80	#80	#100
4	#60	#60	#80
5	#40	#40	#60
6	#1	#1	1-1/2"
7	#2/0	#2/0	#4
8	#3/0	#4	#2
9	#50	#4	#3
10	#30	#2	#2
11	#20	#2	#2
12	#100	#2	#2
13	#80	2 #2/0	2 #2
14	#60	2 #2/0	2 #2
15	#40	2 #2/0	2 #2
16	#20	2 #2/0	2 #2
17	#10	2 #2/0	2 #2
18	#50	2 #2/0	2 #2
19	#30	2 #2/0	2 #2
20	#20	2 #2/0	2 #2
21	#10	2 #2/0	2 #2
22	#50	2 #2/0	2 #2
23	#30	2 #2/0	2 #2
24	#20	2 #2/0	2 #2
25	#10	2 #2/0	2 #2
26	#50	2 #2/0	2 #2
27	#30	2 #2/0	2 #2
28	#20	2 #2/0	2 #2
29	#10	2 #2/0	2 #2
30	#50	2 #2/0	2 #2
31	#30	2 #2/0	2 #2
32	#20	2 #2/0	2 #2
33	#10	2 #2/0	2 #2
34	#50	2 #2/0	2 #2
35	#30	2 #2/0	2 #2
36	#20	2 #2/0	2 #2
37	#10	2 #2/0	2 #2
38	#50	2 #2/0	2 #2
39	#30	2 #2/0	2 #2
40	#20	2 #2/0	2 #2
41	#10	2 #2/0	2 #2
42	#50	2 #2/0	2 #2
43	#30	2 #2/0	2 #2
44	#20	2 #2/0	2 #2
45	#10	2 #2/0	2 #2
46	#50	2 #2/0	2 #2
47	#30	2 #2/0	2 #2
48	#20	2 #2/0	2 #2
49	#10	2 #2/0	2 #2
50	#50	2 #2/0	2 #2
51	#30	2 #2/0	2 #2
52	#20	2 #2/0	2 #2
53	#10	2 #2/0	2 #2
54	#50	2 #2/0	2 #2
55	#30	2 #2/0	2 #2
56	#20	2 #2/0	2 #2
57	#10	2 #2/0	2 #2
58	#50	2 #2/0	2 #2
59	#30	2 #2/0	2 #2
60	#20	2 #2/0	2 #2
61	#10	2 #2/0	2 #2
62	#50	2 #2/0	2 #2
63	#30	2 #2/0	2 #2
64	#20	2 #2/0	2 #2
65	#10	2 #2/0	2 #2
66	#50	2 #2/0	2 #2
67	#30	2 #2/0	2 #2
68	#20	2 #2/0	2 #2
69	#10	2 #2/0	2 #2
70	#50	2 #2/0	2 #2
71	#30	2 #2/0	2 #2
72	#20	2 #2/0	2 #2
73	#10	2 #2/0	2 #2
74	#50	2 #2/0	2 #2
75	#30	2 #2/0	2 #2
76	#20	2 #2/0	2 #2
77	#10	2 #2/0	2 #2
78	#50	2 #2/0	2 #2
79	#30	2 #2/0	2 #2
80	#20	2 #2/0	2 #2
81	#10	2 #2/0	2 #2
82	#50	2 #2/0	2 #2
83	#30	2 #2/0	2 #2
84	#20	2 #2/0	2 #2
85	#10	2 #2/0	2 #2
86	#50	2 #2/0	2 #2
87	#30	2 #2/0	2 #2
88	#20	2 #2/0	2 #2
89	#10	2 #2/0	2 #2
90	#50	2 #2/0	2 #2
91	#30	2 #2/0	2 #2
92	#20	2 #2/0	2 #2
93	#10	2 #2/0	2 #2
94	#50	2 #2/0	2 #2
95	#30	2 #2/0	2 #2
96	#20	2 #2/0	2 #2
97	#10	2 #2/0	2 #2
98	#50	2 #2/0	2 #2
99	#30	2 #2/0	2 #2
100	#20	2 #2/0	2 #2

N/C - NO NEUTRAL  
N/A - NO ARCHING CONDUCTOR

WIRE AND CONDUIT SCHEDULE			
SYMB	FEED/PHASE	CONDUCTORS	CONDUIT
1	#12	#12	#12
2	#10	#10	#10
3	#8	#8	#10
4	#6	#6	#10
5	#4	#4	1"
6	#2	#2	#2
7	#1	#1	#2
8	#1/2	#1/2	#2
9	#3/8	#3/8	#2
10	#1/4	#1/4	#2
11	#1/8	#1/8	#2
12	#1/16	#1/16	#2
13	#1/32	#1/32	#2
14	#1/64	#1/64	#2
15	#1/128	#1/128	#2
16	#1/256	#1/256	#2
17	#1/512	#1/512	#2
18	#1/1024	#1/1024	#2
19	#1/2048	#1/2048	#2
20	#1/4096	#1/4096	#2
21	#1/8192	#1/8192	#2
22	#1/16384	#1/16384	#2
23	#1/32768	#1/32768	#2
24	#1/65536	#1/65536	#2
25	#1/131072	#1/131072	#2
26	#1/262144	#1/262144	#2
27	#1/524288	#1/524288	#2
28	#1/1048576	#1/1048576	#2
29	#1/2097152	#1/2097152	#2
30	#1/4194304	#1/4194304	#2
31	#1/8388608	#1/8388608	#2
32	#1/16777216	#1/16777216	#2
33	#1/33554432	#1/33554432	#2
34	#1/67108864	#1/67108864	#2
35	#1/134217728	#1/134217728	#2
36	#1/268435456	#1/268435456	#2
37	#1/536870912	#1/536870912	#2
38	#1/1073741824	#1/1073741824	#2
39	#1/2147483648	#1/2147483648	#2
40	#1/4294967296	#1/4294967296	#2
41	#1/8589934592	#1/8589934592	#2
42	#1/17179869184	#1/17179869184	#2
43	#1/34359738368	#1/34359738368	#2
44	#1/68719476736	#1/68719476736	#2
45	#1/137438953472	#1/137438953472	#2
46	#1/274877906944	#1/274877906944	#2
47	#1/549755813888	#1/549755813888	#2
48	#1/1099511627776	#1/1099511627776	#2
49	#1/2199023255552	#1/2199023255552	#2
50	#1/4398046511104	#1/4398046511104	#2
51	#1/8796093022208	#1/8796093022208	#2
52	#1/17592186044416	#1/17592186044416	#2
53	#1/35184372088832	#1/35184372088832	#2
54	#1/70368744177664	#1/70368744177664	#2
55	#1/140737488355328	#1/140737488355328	#2
56	#1/281474976710656	#1/281474976710656	#2
57	#1/562949953421312	#1/562949953421312	#2
58	#1/1125899906842624	#1/1125899906842624	#2
59	#1/2251799813685248	#1/2251799813685248	#2
60	#1/4503599627370496	#1/4503599627370496	#2
61	#1/9007199254740992	#1/9007199254740992	#2
62	#1/18014398509481984	#1/18014398509481984	#2
63	#1/36028797018963968	#1/36028797018963968	#2
64	#1/72057594037927936	#1/72057594037927936	#2
65	#1/144115188075855872	#1/144115188075855872	#2
66	#1/288230376151711744	#1/288230376151711744	#2
67	#1/576460752303423488	#1/576460752303423488	#2
68	#1/1152921504606846976	#1/1152921504606846976	#2
69	#1/2305843009213693952	#1/2305843009213693952	#2
70	#1/4611686018427387904	#1/4611686018427387904	#2
71	#1/9223372036854775808	#1/9223372036854775808	#2
72	#1/18446744073709551616	#1/18446744073709551616	#2
73	#1/36893488147419103232	#1/36893488147419103232	#2
74	#1/73786976294838206464	#1/73786976294838206464	#2
75	#1/147573952589676412928	#1/147573952589676412928	#2
76	#1/295147905179352825856	#1/295147905179352825856	#2
77	#1/5902958103587056517132	#1/5902958103587056517132	#2
78	#1/11805916207174113034264	#1/11805916207174113034264	#2
79	#1/23611832414348226068528	#1/23611832414348226068528	#2
80	#1/47223664828696452137056	#1/47223664828696452137056	#2
81	#1/94447329657392904274112	#1/94447329657392904274112	#2
82	#1/188894659314785808548224	#1/188894659314785808548224	#2
83	#1/37778931862957161709648	#1/37778931862957161709648	#2
84	#1/75557863725914323419296	#1/75557863725914323419296	#2
85	#1/151115727451828646838592	#1/151115727451828646838592	#2
86	#1/302231454903657296771184	#1/302231454903657296771184	#2
87	#1/604462909807314593542368	#1/604462909807314593542368	#2
88	#1/1208925819614629187084512	#1/1208925819614629187084512	#2
89	#1/2417851639229258374169024	#1/2417851639229258374169024	#2
90	#1/4835703278458516748338048	#1/4835703278458516748338048	#2
91	#1/9671406556917033496676096	#1/9671406556917033496676096	#2
92	#1/19342813113834066993352192	#1/19342813113834066993352192	#2
93	#1/38685626227668133986704384	#1/38685626227668133986704384	#2
94	#1/77371252455336267973408768	#1/77371252455336267973408768	#2
95	#1/154742504910672535946817536	#1/154742504910672535946817536	#2
96	#1/30948500982134507189363072	#1/30948500982134507189363072	#2
97	#1/61897001964269014378726144	#1/61897001964269014378726144	#2
98	#1/123794003928538028757452288	#1/123794003928538028757452288	#2
99	#1/247588007857076057514904576	#1/247588007857076057514904576	#2
100	#1/495176015714152115022809152	#1/495176015714152115022809152	#2

RISER NOTES:

- UNIT TRANSFORMER: 3 PHASE WITH 480/277V, 4A, 1-CONNECTED SECONDARY.
- SHUNT TRIP BATTERY, COMPONENT LOCATION WITH LOCK ALARMING.
- DRY TYPING TRANSFORMER: 480 - 200/150V DELTA - WYE CONNECTION, 6A WATTS AS SHOWN, SEE TRANSFORMER SCHEDULE FOR PH/SEC CONDUCTOR SIZE.
- 200A 3A-MV FUSED DISCONNECT, FUSE @ 200A.
- 200A 3A-MV FUSED DISCONNECT, FUSE @ 125A.