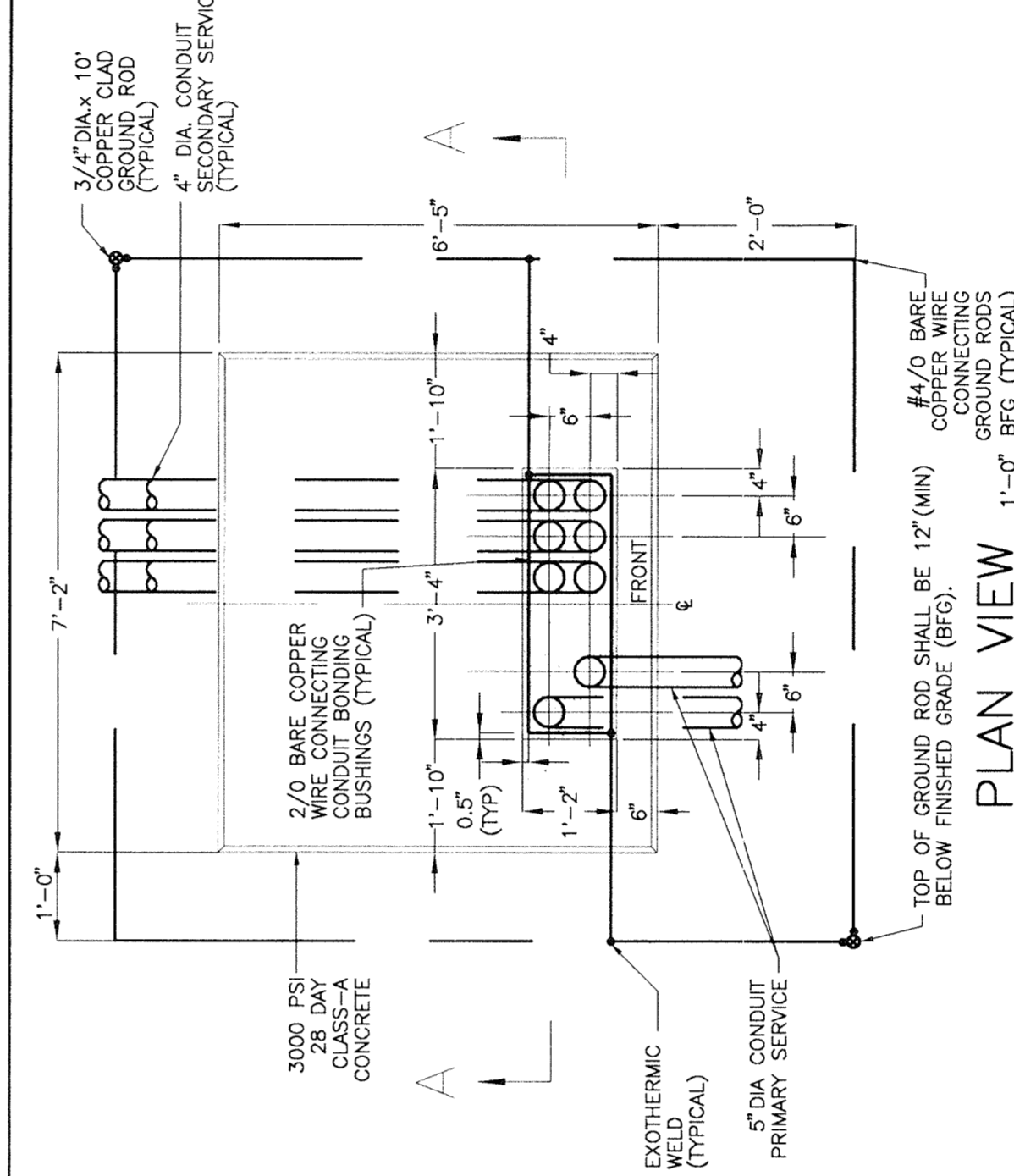


DUCT BANK CONDUIT SCHEDULE

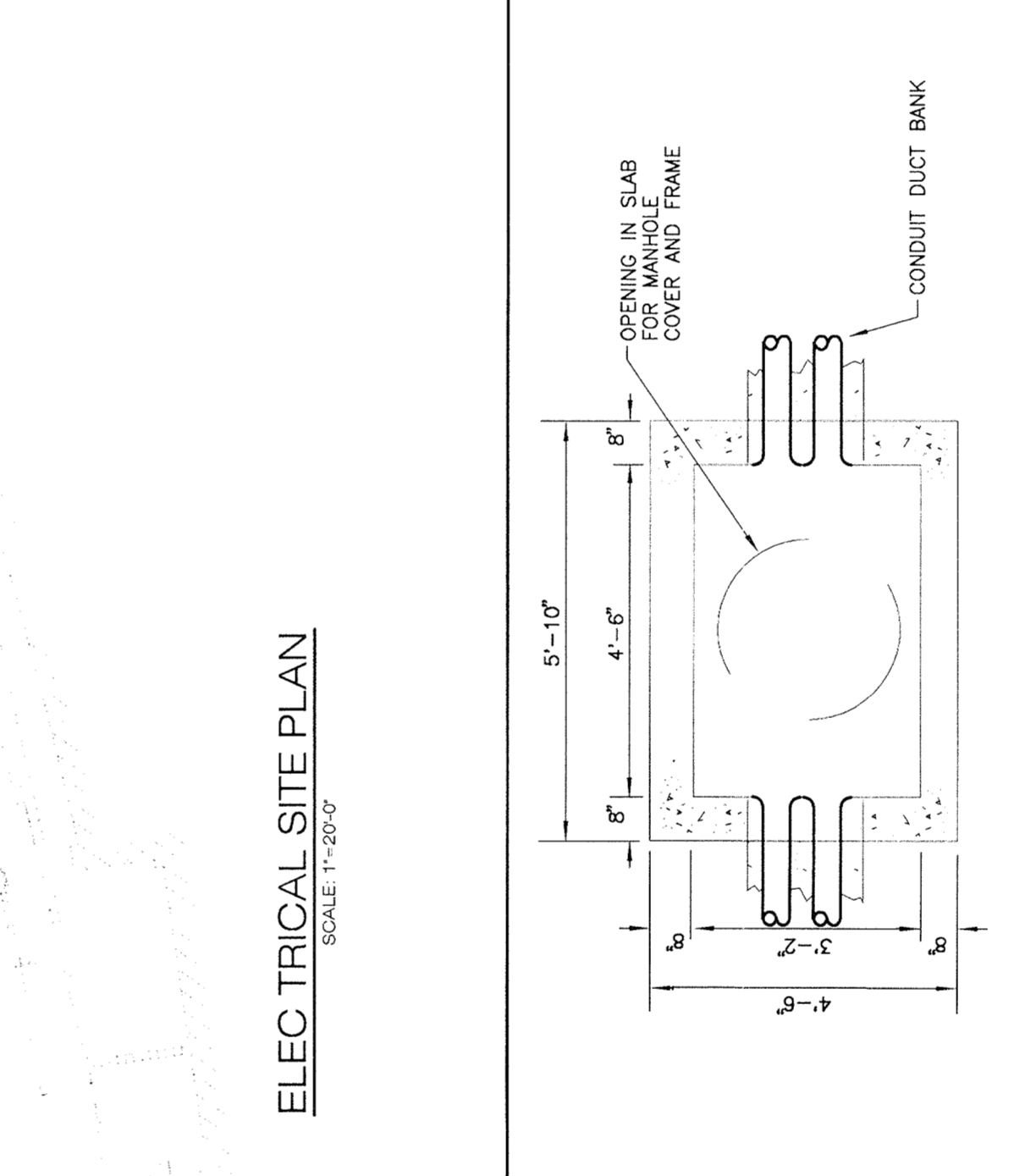
NO.	CONDUIT TYPE	SIZE	LENGTH	NOTES
1	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
2	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
3	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
4	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
5	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
6	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
7	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
8	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
9	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
10	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
11	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
12	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
13	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
14	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
15	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
16	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
17	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
18	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
19	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
20	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
21	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
22	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
23	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
24	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
25	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
26	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
27	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
28	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
29	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
30	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
31	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
32	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
33	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
34	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
35	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
36	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
37	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
38	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
39	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
40	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
41	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
42	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
43	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
44	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
45	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
46	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
47	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
48	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
49	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
50	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
51	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
52	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
53	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
54	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
55	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
56	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
57	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
58	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
59	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
60	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
61	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
62	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
63	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
64	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
65	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
66	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
67	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
68	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
69	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
70	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
71	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
72	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
73	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
74	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
75	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
76	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
77	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
78	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
79	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
80	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
81	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
82	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
83	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
84	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
85	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
86	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
87	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
88	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
89	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
90	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
91	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
92	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
93	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
94	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
95	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
96	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
97	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
98	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
99	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD
100	4" DIA. CONDUIT	12"	100'	TO TRANSFORMER PAD

NOTES:
1. REFER TO DUCT BANK SECTIONS FOR CONDUIT AND CONDUCTOR.
2. REFER TO THE TYPICAL DUCT BANK SECTION FOR DETAILS REQUIRED IN THE CONSTRUCTION.
3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION INCLUDING BUT NOT LIMITED TO DUCT BANK REINFORCEMENT REQUIRED UNDER PAVED AREAS INTENDED FOR VEHICULAR TRAFFIC.
4. ALL CONDUITS INSTALLED IN DUCT BANK SHALL BE SUITABLE FOR WET LOCATIONS.
5. ALL SERVICE ENTRANCES AND GENEWIRE OUTPUT CONDUITORS INSTALLED IN DUCT BANK SHALL BE TYPE USE.
6. PROVIDE ALL EMPTY/SERVE CONDUIT WITH NON-PULL STRING.



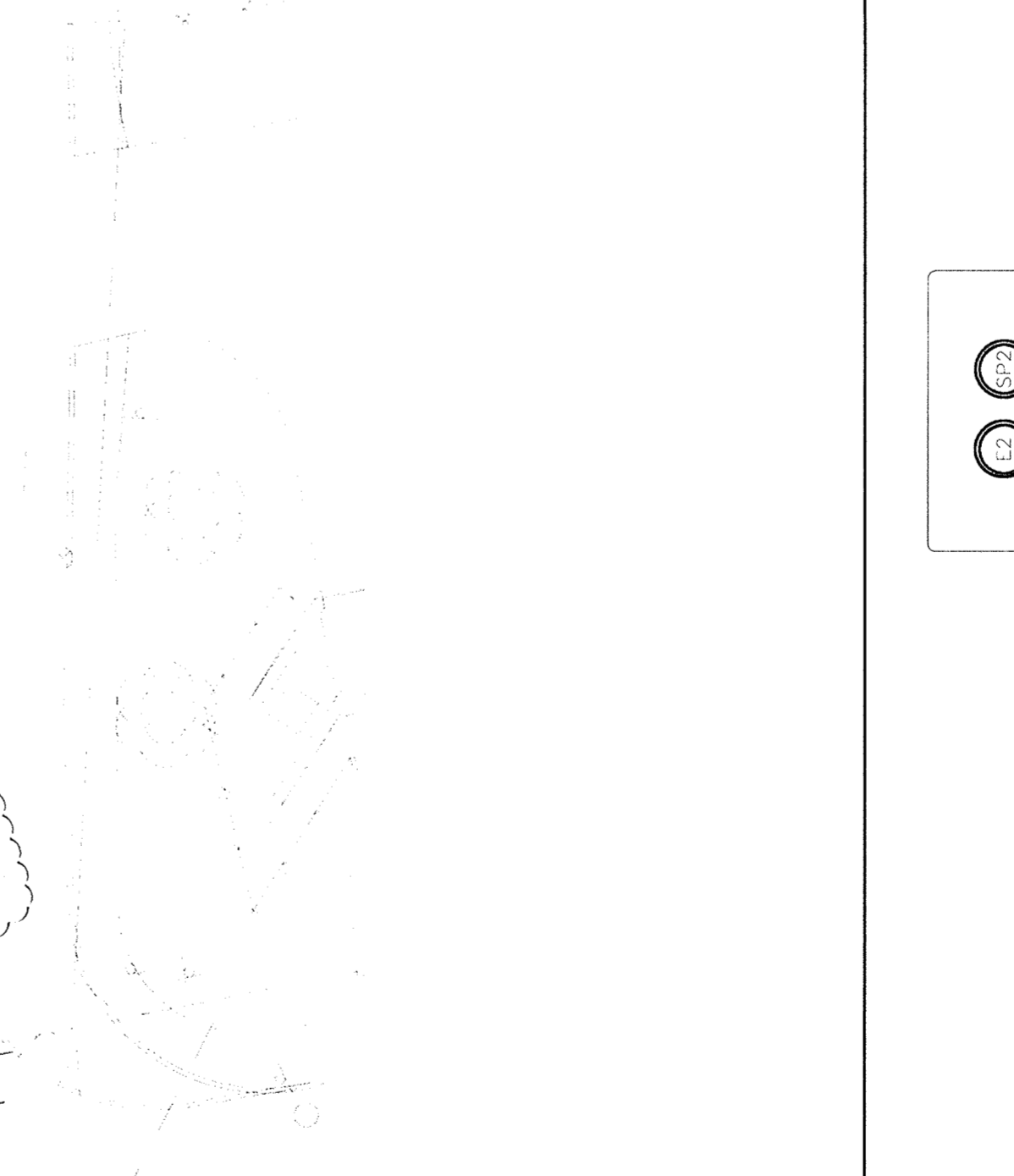
NOTES:
1. REFER TO EXACT UTILITY COMPANY REQUIREMENTS FOR MODIFICATIONS THAT MAY BE REQUIRED TO THIS PAD LAYOUT.
2. ALL GROUND GRID CONNECTIONS SHALL BE EXOTHERMIC WELD.
3. DO NOT ALLOW PRIMARY AND SECONDARY CONDUITS TO CROSS EACH OTHER INSIDE OR OUTSIDE THE PAD. LOCATE SECONDARY CONDUITS AS FAR TO THE RIGHT AS POSSIBLE IN THE PAD OPENING.
4. ALL QUARTER BENDS (PRIMARY AND SECONDARY) SHALL BE GALVANIZED STEEL SCHEDULE 40 WITH GROUNDING CONDUIT ENDS TO PREVENT MOISTURE AND DEBRIS FROM ENTERING CONDUITS PRIOR TO TRANSFORMER INSTALLATION.
5. PRIMARY DUCT GROUND SHALL BE CONNECTED TO PAD GROUND GRID.

ES008
GENERATOR PAD DETAIL



NOTES:
1. REFER TO EXACT UTILITY COMPANY REQUIREMENTS FOR MODIFICATIONS THAT MAY BE REQUIRED TO THIS PAD LAYOUT.
2. ALL GROUND GRID CONNECTIONS SHALL BE EXOTHERMIC WELD.
3. DO NOT ALLOW PRIMARY AND SECONDARY CONDUITS TO CROSS EACH OTHER INSIDE OR OUTSIDE THE PAD. LOCATE SECONDARY CONDUITS AS FAR TO THE RIGHT AS POSSIBLE IN THE PAD OPENING.
4. ALL QUARTER BENDS (PRIMARY AND SECONDARY) SHALL BE GALVANIZED STEEL SCHEDULE 40 WITH GROUNDING CONDUIT ENDS TO PREVENT MOISTURE AND DEBRIS FROM ENTERING CONDUITS PRIOR TO TRANSFORMER INSTALLATION.
5. PRIMARY DUCT GROUND SHALL BE CONNECTED TO PAD GROUND GRID.

ES006
TYPICAL PRECAST HANDHOLE DETAIL



NOTES:
1. REFER TO TYPICAL ELECTRICAL DUCT DETAIL THIS SHEET FOR GENERAL CONSTRUCTION REQUIREMENTS.
2. REFER TO THE DUCT BANK CONDUIT SCHEDULE THIS SHEET FOR CONDUIT AND CONDUCTOR REQUIREMENTS ASSOCIATED WITH CONDUIT TAG.

ES002
TYPICAL ELECTRICAL DUCT DETAIL

ES004
ELECTRICAL DUCT SECTIONS

ES011
GENERATOR PAD DETAIL