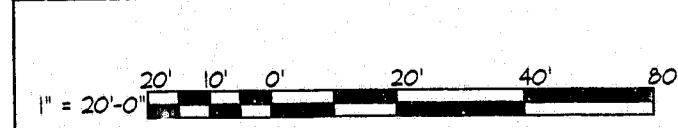


ELECTRICAL SITE PLAN - PART B
SCALE: 1" = 20'-0"

NOTES THIS SHEET

- 1 PROVIDE 2 #8, 1 #10 GND - ENTIRE LENGTH OF EACH CIRCUIT VIA CONTACTOR.
- 2 PROVIDE 2 #10, 1 #10 GND - ENTIRE LENGTH OF EACH CIRCUIT VIA CONTACTOR.
- 3 PROPOSED LOCATION OF CP&L PAD MOUNTED TRANSFORMER
- 4 PROVIDE 1" C. WITH 2 #12, 1 #12 GND TO JUNCTION BOX IN FOUNTAIN. TERMINATE AND PROVIDE WATERTIGHT SEAL AS DIRECTED BY FOUNTAIN MANUFACTURER. (ONE SHOWN, TYPICAL OF NINE).
- 5 PROVIDE 3/4" WITH 22AWG 4 CONDUCTOR CABLE TO SENSOR IN FOUNTAIN. TERMINATE AND PROVIDE WATERTIGHT SEAL AS DIRECTED BY FOUNTAIN MANUFACTURER. (ONE SHOWN, TYPICAL OF TWO).
- 6 1" C. WITH FULL WIRE
- 7 PROVIDE 3" STEEL POST WITH GALVANIZED STEEL CHANNEL FASTENED TO POST WITH U-BOLT TO SUPPORT PANEL.
- 8 PROVIDE 2 #8, 1 #10 GND - 3/4" C. MIN. ENTIRE LENGTH OF EACH CIRCUIT.
- 9 PROVIDE GROUNDING AND BONDING OF FOUNTAIN IN ACCORDANCE WITH NEC ARTICLE 680. GROUND ALL METAL PIPES, CONDUIT, HOUSINGS IN THE FOUNTAIN AND WITHIN 5 FT OF FOUNTAIN. PROVIDE GROUND CONDUCTORS IN ALL BRANCH CIRCUITS FROM THE FOUNTAIN CONTROL PANEL. ALL GROUNDING AND BONDING SHALL BE CONNECTED TO THE GROUND CONDUCTOR OF CIRCUIT L-40.

GRAPHIC SCALES



CENTRAL PARK AT CENTREEN
CARY, NORTH CAROLINA
900 CENTREEN WAY
ELECTRICAL SITE PLAN
PART B

PROJECT NO. 99-137

E1.3

SHEET X OF

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