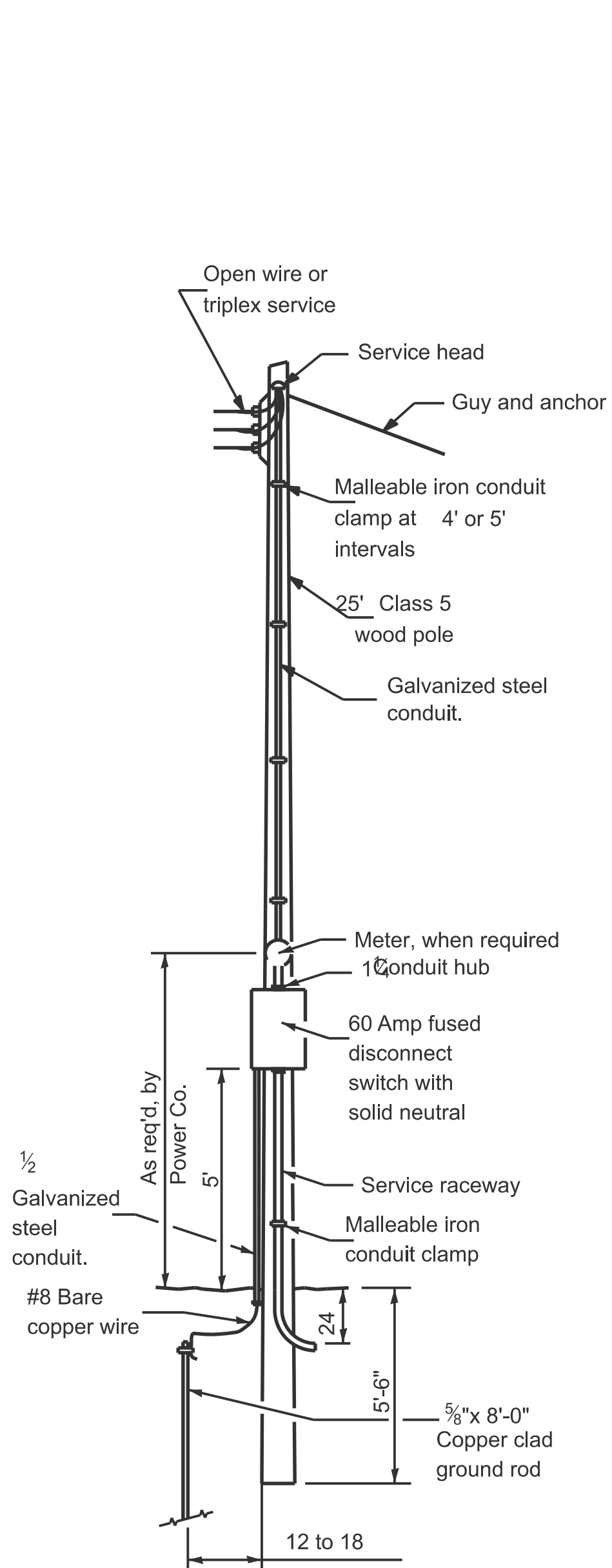
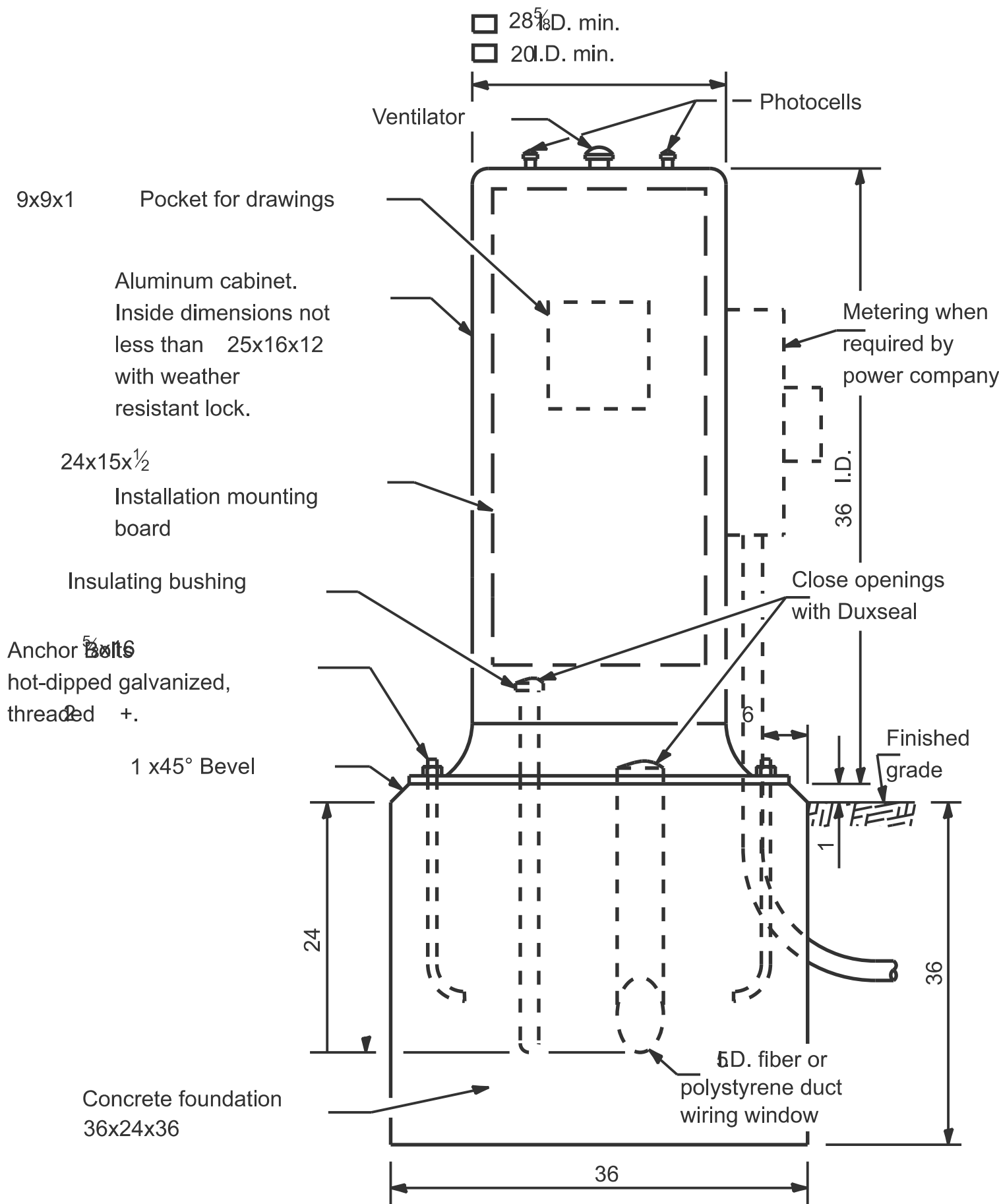
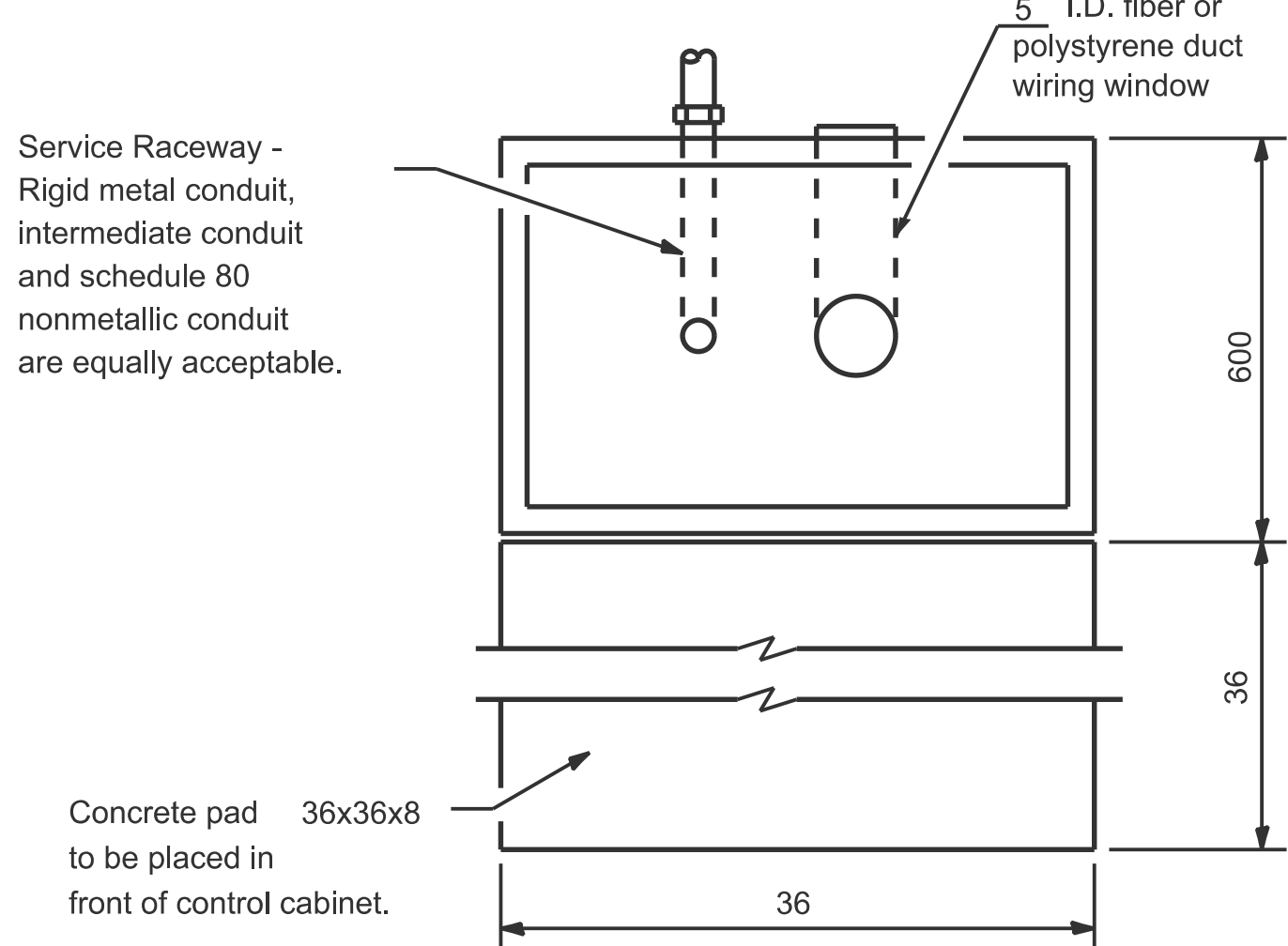




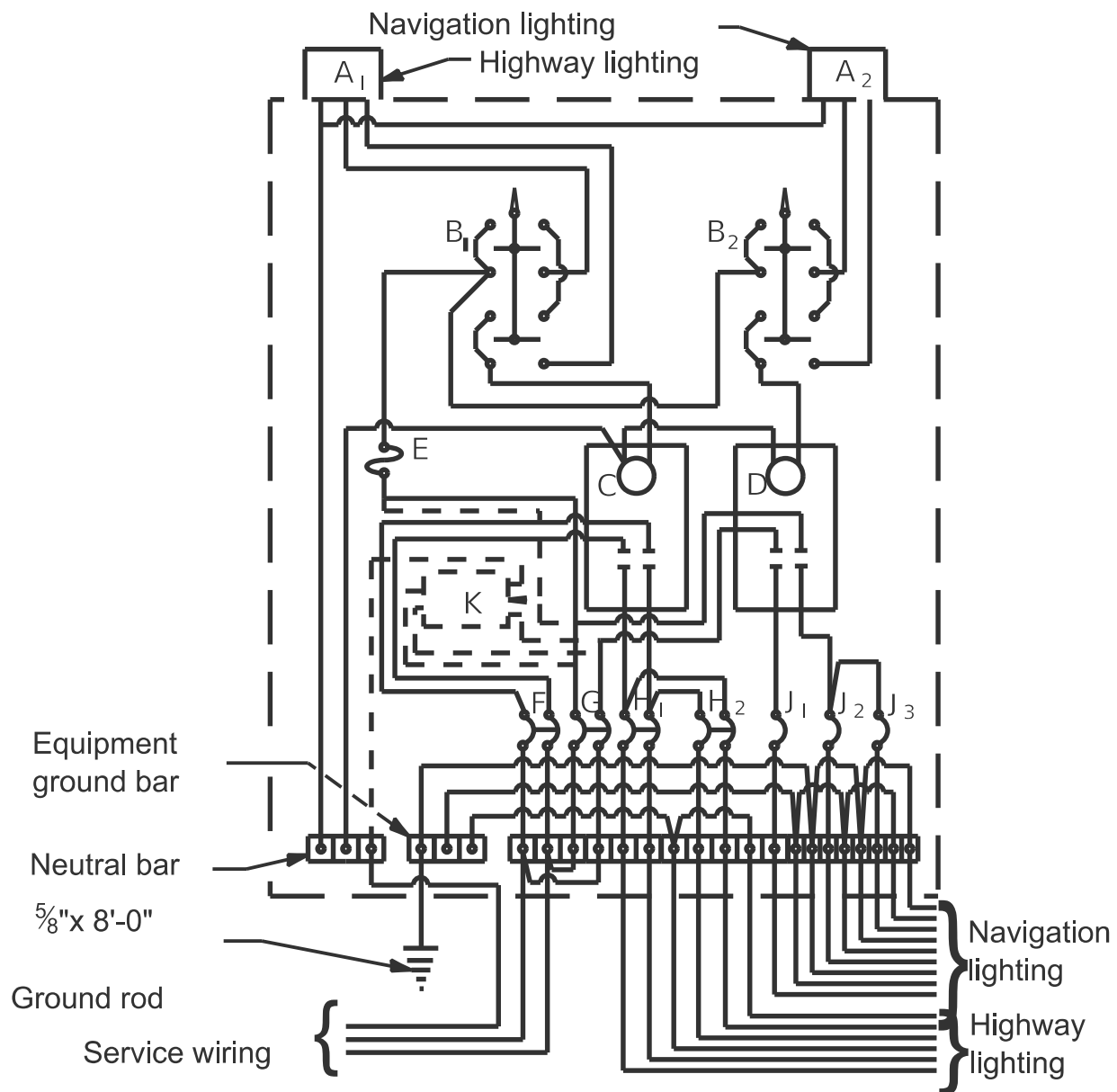
SERVICE POLE



CONTROL INSTALLATION
(FRONT VIEW)



FOUNDATION
(TOP VIEW)



WIRING DIAGRAM

- A, A Photocells w/integral surge arrestors
B, B Selector switch
C Contactor
60A., 2 pole, 240V.
60A., 2 pole, 480V.
100A., 2 pole, 240V.
100A., 2 pole, 480V.
150A., 2 pole, 240V.
150A., 2 pole, 480V.
200A., 2 pole, 240V.
200A., 2 pole, 480V.
D Contactor, 30A., 2 pole, 240V.
E 10A., Control fuse or 15A. ckt. breaker
F 60A., 2 pole, main breaker
100A., 2 pole, main breaker
150A., 2 pole, main breaker
200A., 2 pole, main breaker
G 30A., 2 pole, main breaker
H, H 2 20A., 2 pole, branch c.b.'s. () required
30A., 2 pole, branch c.b.'s. () required
40A., 2 pole, branch c.b.'s. () required
50A., 2 pole, branch c.b.'s. () required
J, J 2 20A., 1 pole, branch c.b.'s.
K Transformer, single phase, () KVA, 480V. primary, 120/240V., 1}, 3W. secondary, required w/480V. service wiring to be revised as shown dotted.

- ☐ 240 V. SERVICE
☐ 480 V. SERVICE

GENERAL NOTES

Wiring shall be panel board fashion. All bends shall be right angles. All runs shall vertical or parallel to panel board. Wires shall be grouped or laced.

All control installation components shall be U.L. listed.

Label equipment ground and neutral.

Locate service pole and control installation adjacent to R.O.W. line with a minimum distance of 30' from the edge of pavement. Exact location shall be established by the Engineer.

The underground service entrance wiring shall not exceed 150'. Total aerial and underground service between the control installation and primary transformer shall not exceed 250'.

Raceways shall terminate 3 above top of concrete foundation.

For 480 V. systems, a 480/120 V. control transformer will be required.