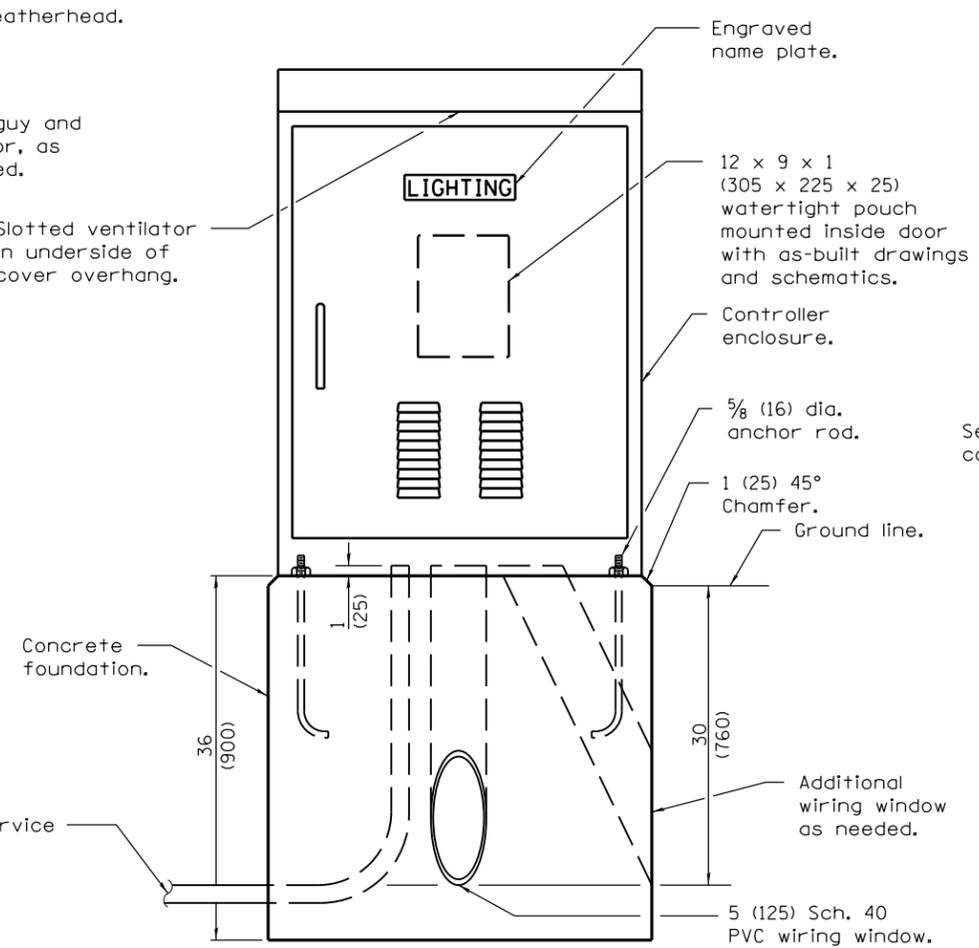
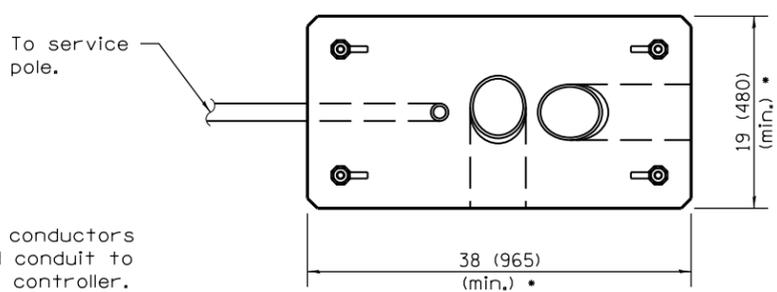


ELECTRIC SERVICE INSTALLATION

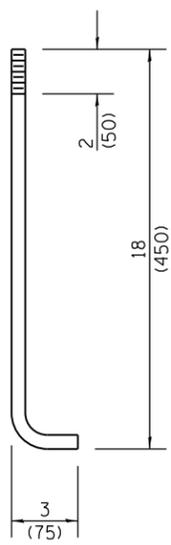
- Size larger as needed.
- Or as directed by Utility Company.
- When cold sequencing is required, provide a meter disconnect switch as directed by Utility Company.



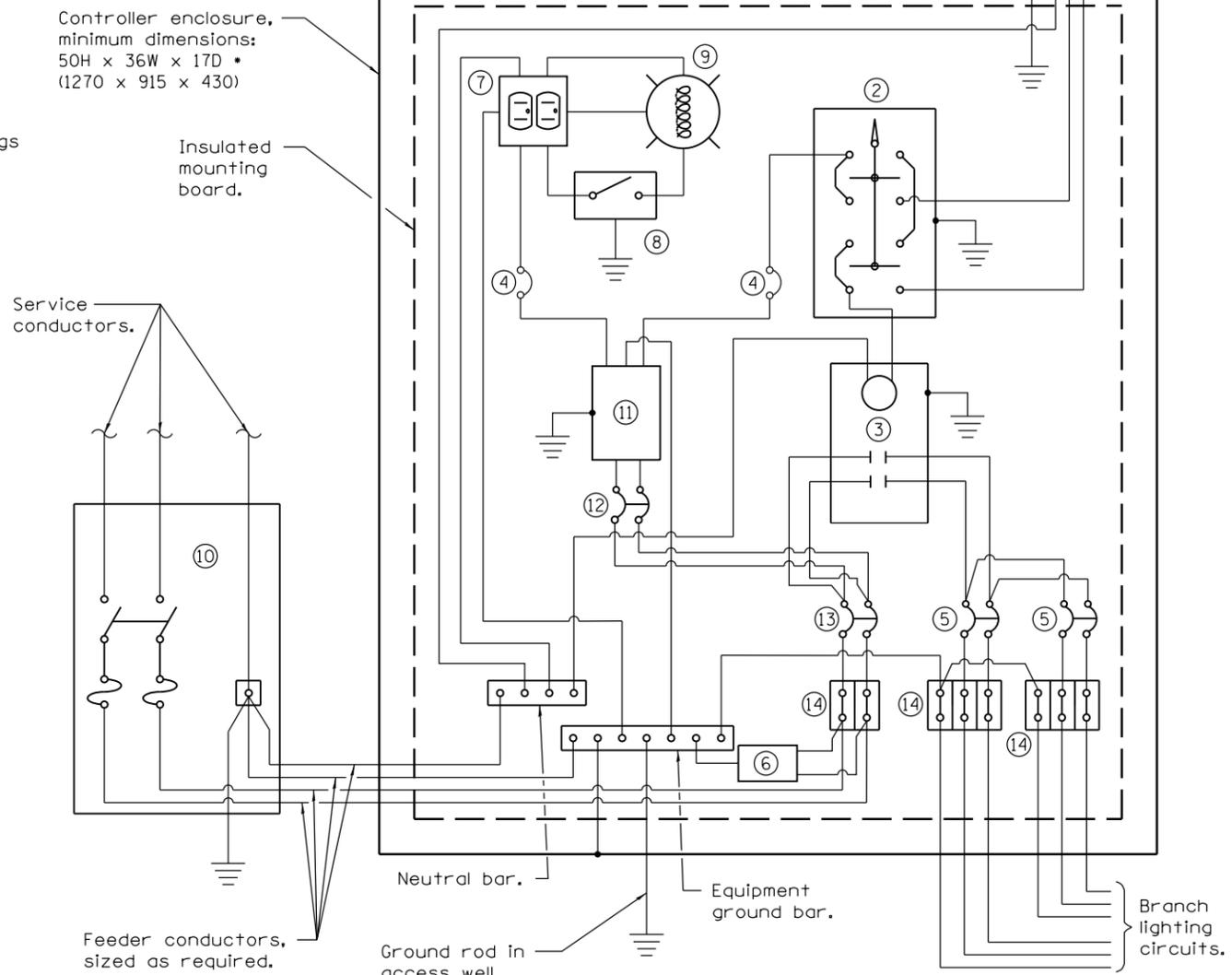
LIGHTING CONTROLLER



FOUNDATION (PLAN)
(Work pad not shown.)



ANCHOR ROD DETAIL



CONTROL SCHEMATIC

- | | |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| ① Photocell with integral surge arrester. | ⑨ Incandescent luminaire, enclosed and gasketed with 100 watt lamp. |
| ② HAND-OFF-AUTO selector switch. | ⑩ Service disconnect switch - 2-pole, 3-wire, 100 amp, fused at 100 amp, solid neutral in NEMA 4X enclosure having lockable external handle. |
| ③ 100 amp, electrically held contactor. | ⑪ Transformer - 1KVA, 480V primary, 120/240V secondary, single-phase, 60Hz. |
| ④ 15 amp, 1-pole circuit breaker. | ⑫ 15 amp, 2-pole circuit breaker. |
| ⑤ 20 amp, 2-pole circuit breaker (two spares required but not shown). | ⑬ 100 amp, 2-pole circuit breaker. |
| ⑥ Surge arrester. | ⑭ Terminal block sized for conductors as shown on plans. |
| ⑦ GFCI duplex receptacle. | |
| ⑧ Single-pole, single-throw switch. | |

• Size larger as needed.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-15	Added note ⑭.
1-1-12	Revised feeder burial depth.

**LIGHTING CONTROLLER
BASE MOUNTED, 480V**

STANDARD 825026-03

Illinois Department of Transportation

PASSED January 1, 2015

ENGINEER OF PRELIMINARY ENGINEERING

APPROVED January 1, 2015

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-10