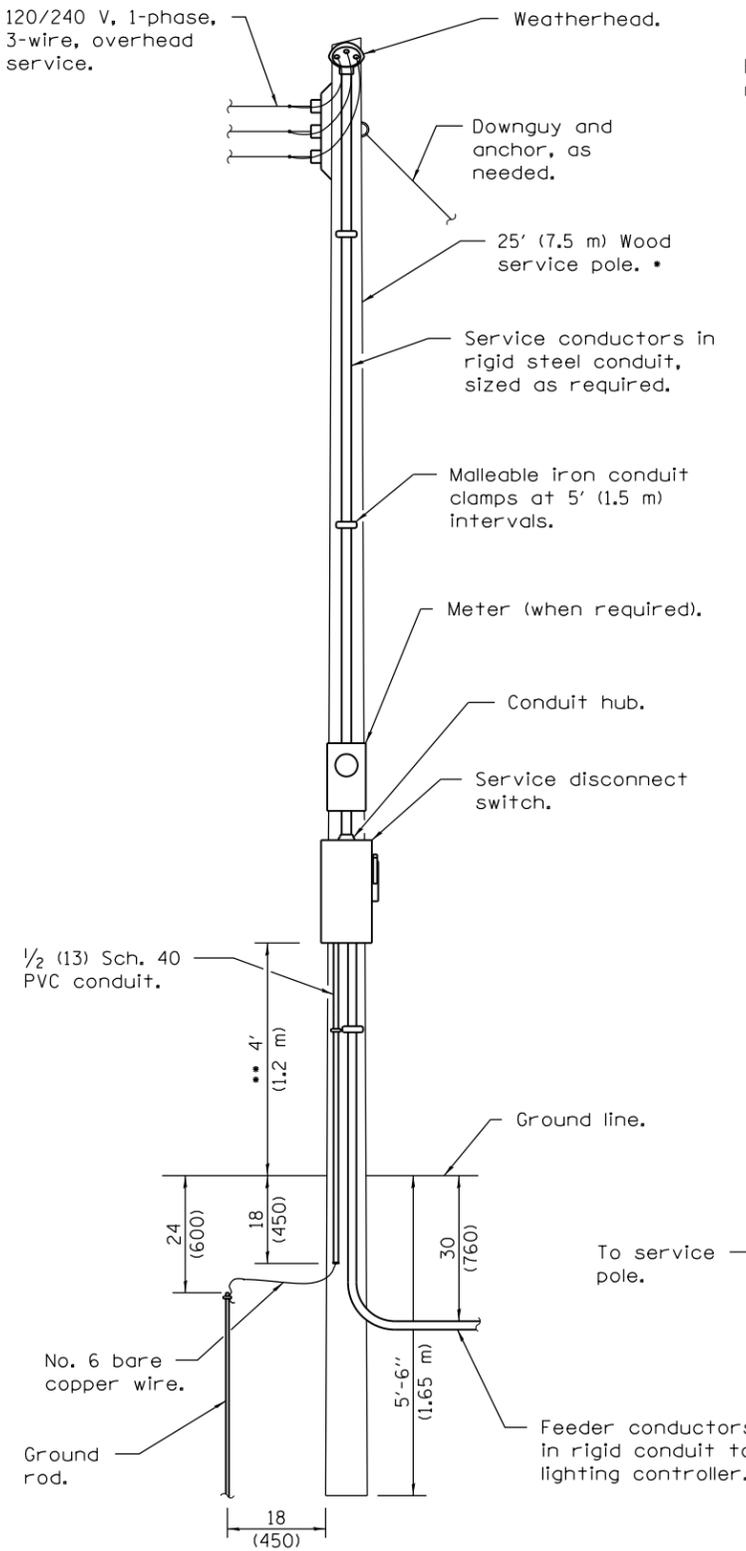
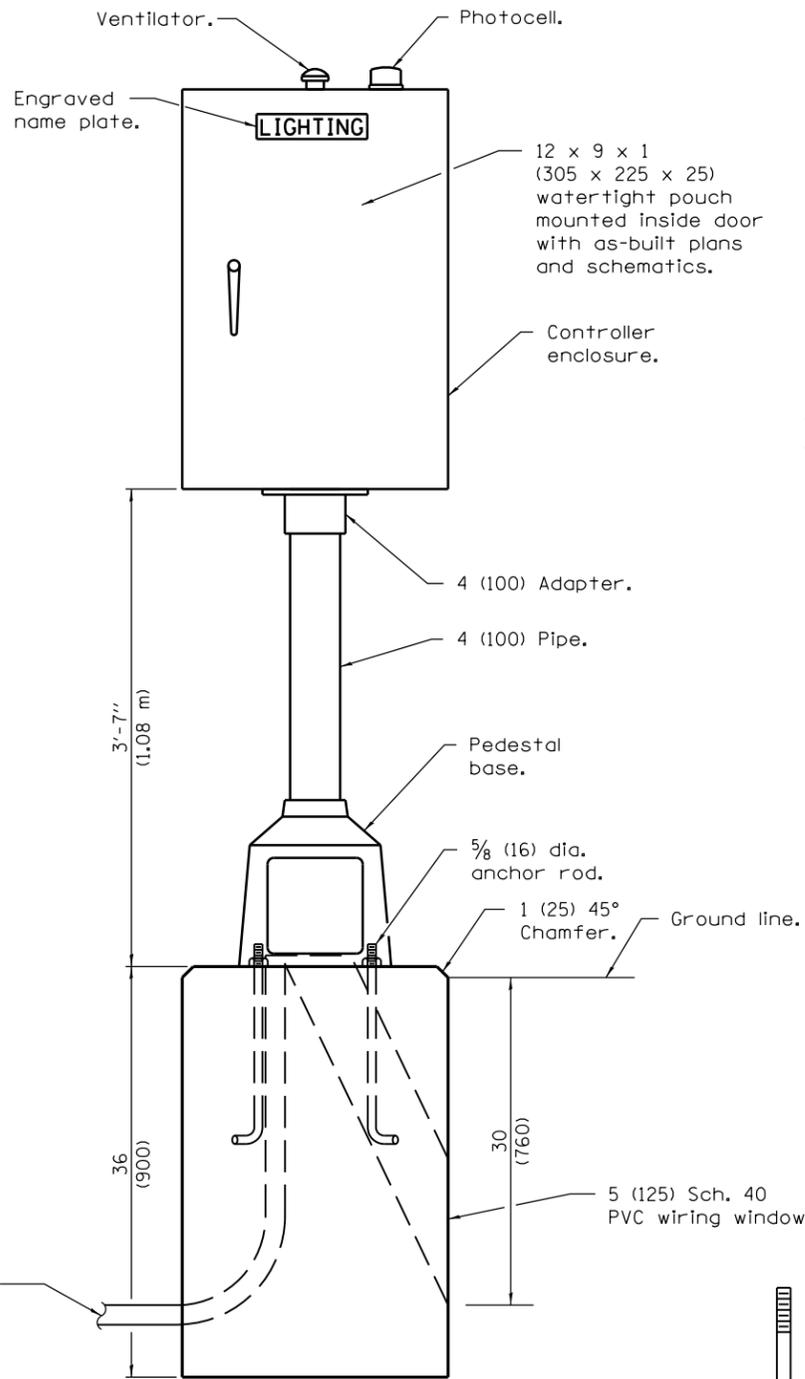


120/240 V, 1-phase, 3-wire, overhead service.

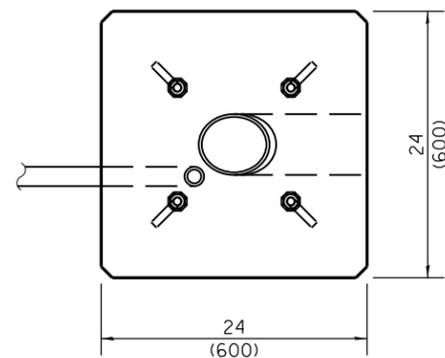


**ELECTRIC SERVICE INSTALLATION**

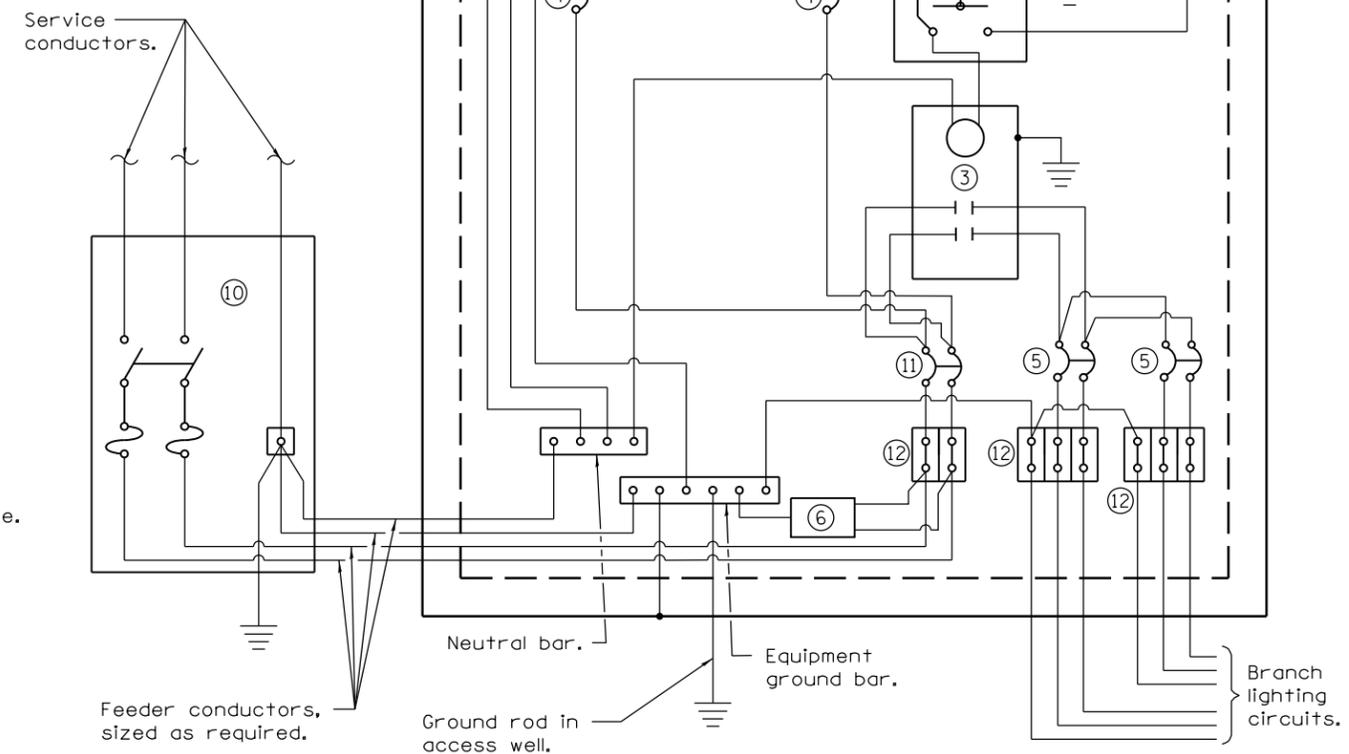
- Size larger as needed.
- Or as directed by Utility Company.



**LIGHTING CONTROLLER**



**FOUNDATION (PLAN)**  
(Work pad not shown.)

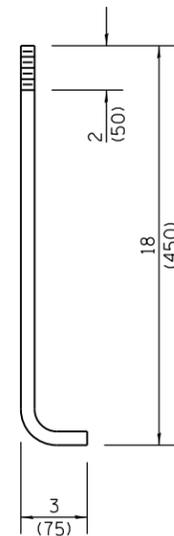


**CONTROL SCHEMATIC**

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

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

**ANCHOR ROD  
DETAIL**



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

**LIGHTING CONTROLLER  
PEDESTAL MOUNTED, 240V**

**STANDARD 825011-03**

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