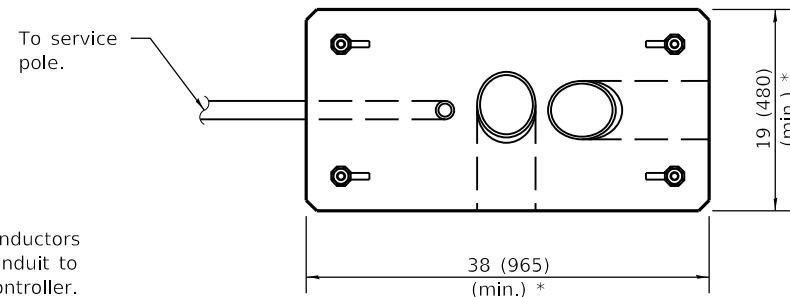
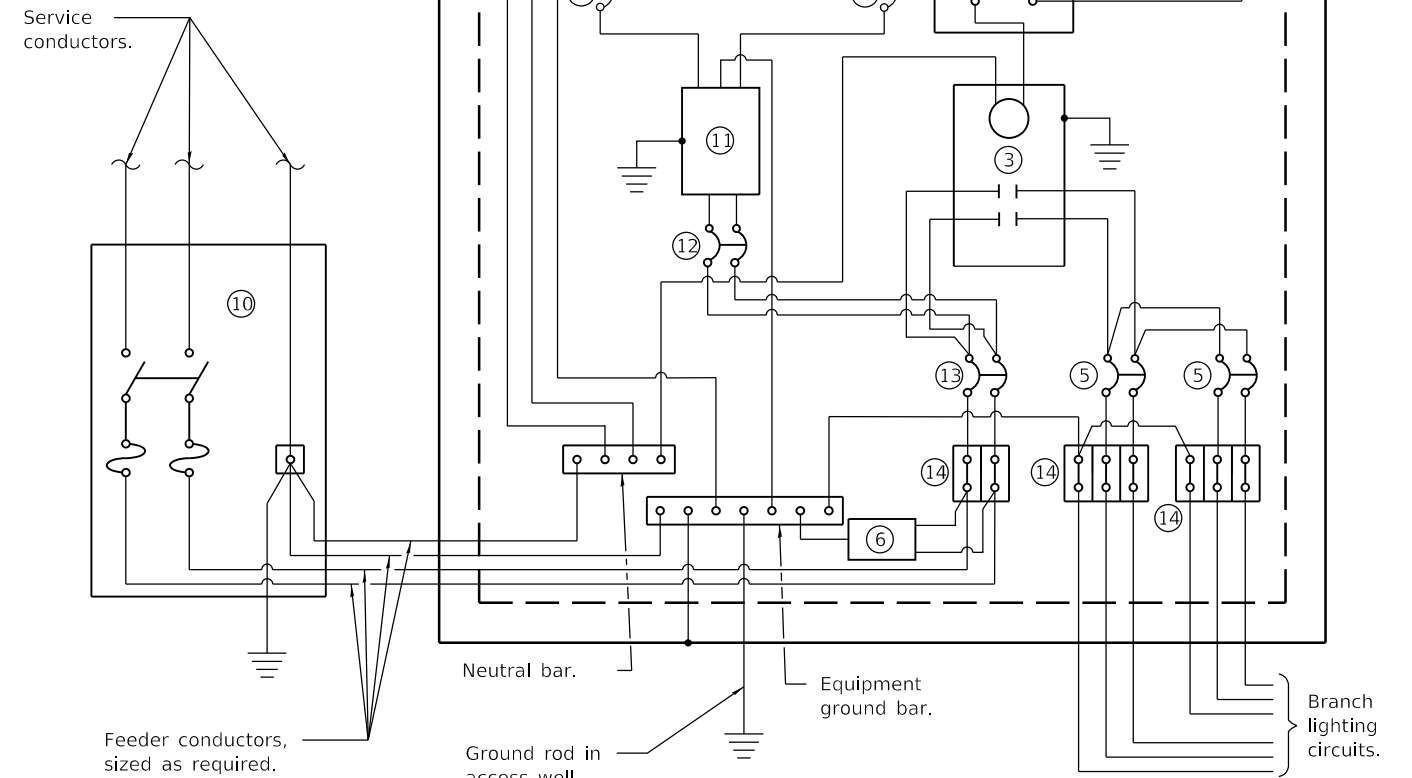


LIGHTING CONTROLLER



FOUNDATION (PLAN)

(Work pad not shown.)

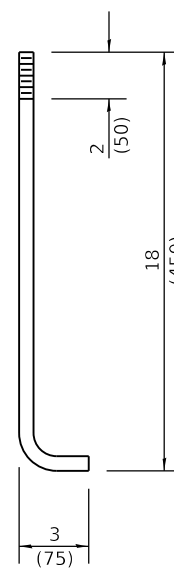


CONTROL SCHEMATIC

- 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, 100 amp*, fused at 100 amp*, solid neutral in NEMA 4X enclosure having lockable external handle.
- ⑪ Transformer - 1KVA*, 480V primary, 120/240V secondary, single-phase, 60Hz.
- ⑫ 15 amp, 2-pole circuit breaker.
- ⑬ 100 amp*, 2-pole circuit breaker.
- ⑭ 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 |
|--------|---|
| 1-1-19 | Replaced ** note with new note regarding utility company standards. Made *** the ** note. |
| 1-1-15 | Added note ⑭. |
| | |
| | |

**LIGHTING CONTROLLER
BASE MOUNTED, 480V**

STANDARD 825026-04

Illinois Department of Transportation

PASSED January 1, 2019

ISSUED 1-1-10

ME Reppelt
ELECTRICAL AND MECHANICAL UNIT CHIEF

APPROVED January 1, 2019

ENGINEER OF DESIGN AND ENVIRONMENT

(Typical overhead service shown. Cut pole off for underground service and treat cut surface with preservative. Consult utility company standards for exact requirements.)

* Size larger as needed.

** When cold sequencing is required, provide a meter disconnect switch as directed by Utility Company.