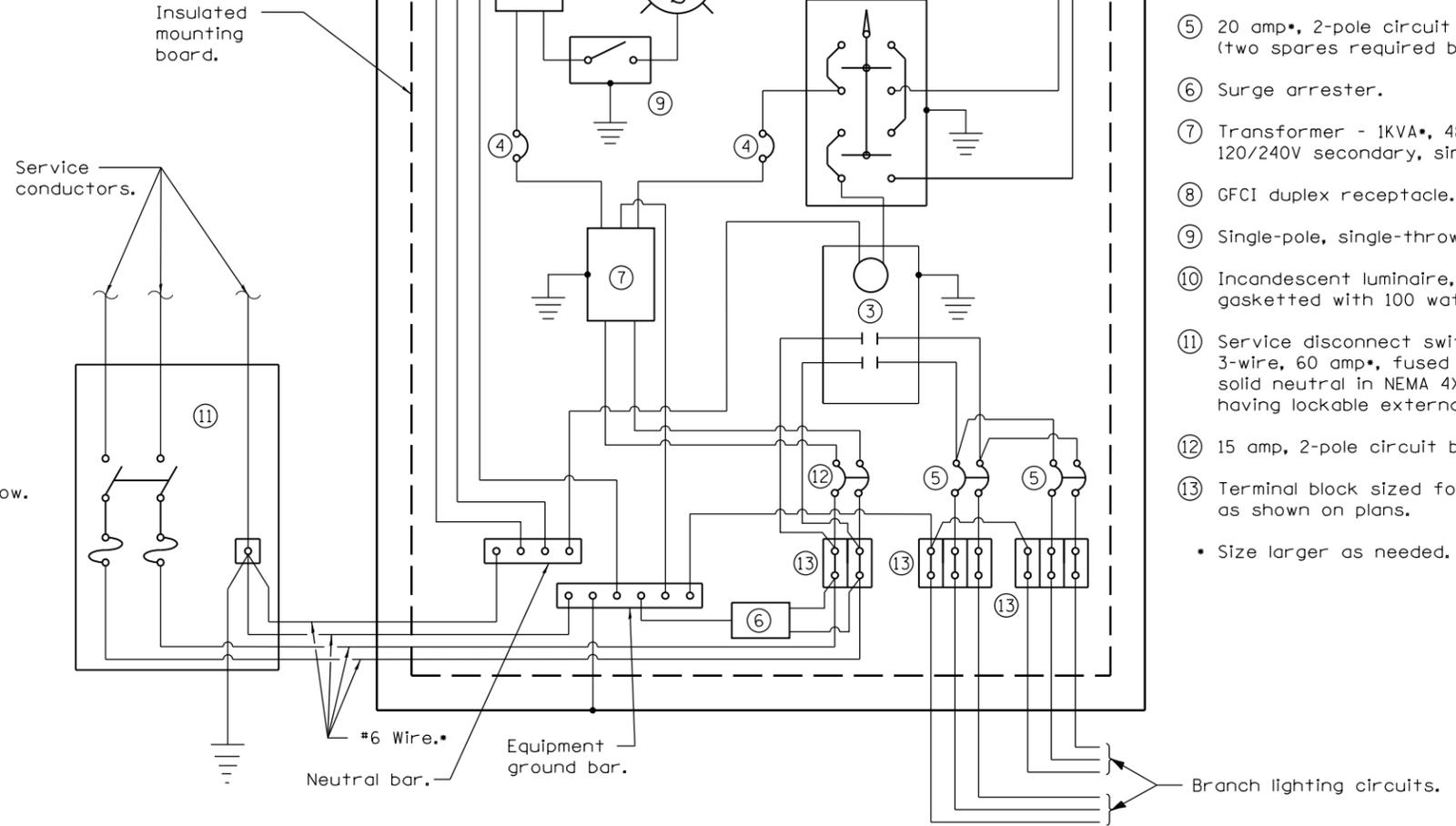


FRONT SIDE
ELECTRIC SERVICE INSTALLATION

- 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.

Controller enclosure, minimum dimensions: 30H x 20W x 14D • (760 x 510 x 355)



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 Transformer - 1KVA*, 480V primary, 120/240V secondary, single-phase, 60Hz.
 - ⑧ GFCI duplex receptacle.
 - ⑨ Single-pole, single-throw switch.
 - ⑩ Incandescent luminaire, enclosed and gasketed with 100 watt lamp.
 - ⑪ Service disconnect switch - 2-pole, 3-wire, 60 amp*, fused at 60 amp*, solid neutral in NEMA 4X enclosure having lockable external handle.
 - ⑫ 15 amp, 2-pole circuit breaker.
 - ⑬ Terminal block sized for conductors as shown on plans.
- * Size larger as needed.

GENERAL NOTES

Provide 12x9x1 (305x225x25) water tight pouch mounted inside controller door with as-built plans and schematics.

Provide engraved nameplate on front of enclosure reading "LIGHTING".

Enclosure shall be mounted to pole with pole-bands and lag-bolts.

Work pad not shown.

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

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

DATE	REVISIONS
1-1-15	Added note ⑬.
1-1-11	Renamed Standard. Modified service disconnect and contactor.

**LIGHTING CONTROLLER
POLE MOUNTED, 480V**

STANDARD 825006-02