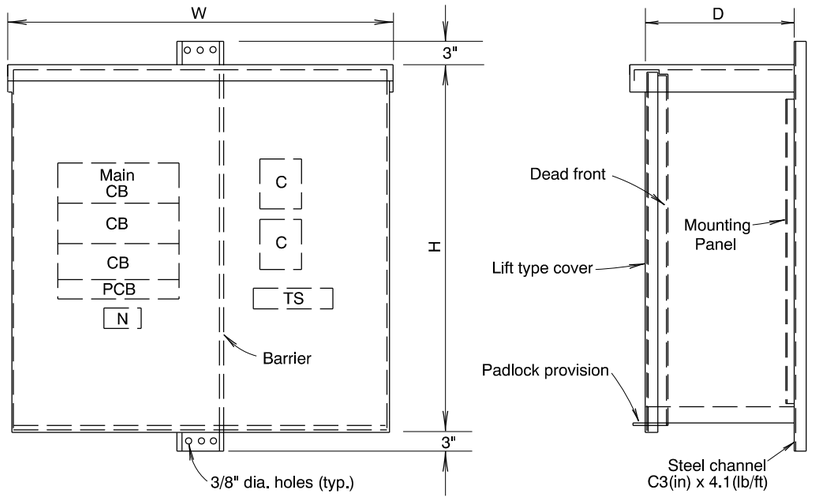
16-JUN-2020

TM300.dgn

ILLUMINATION CONTROL CABINETS



2P or 3 P CB	1P CB	Cont.	Neut.	Test S.W.	W	H	D
2	1	1	1	1	20"	16"	8"
3	1	2	1	1	20"	20"	8"
4	1	3	1	1	20"	24"	8"

- Type "A" cabinet
- Can accomodate 1 to 3 contactors (30 amp max.)
  Make cabinet depth 10" when 60 or 100 amp contactor is specified.

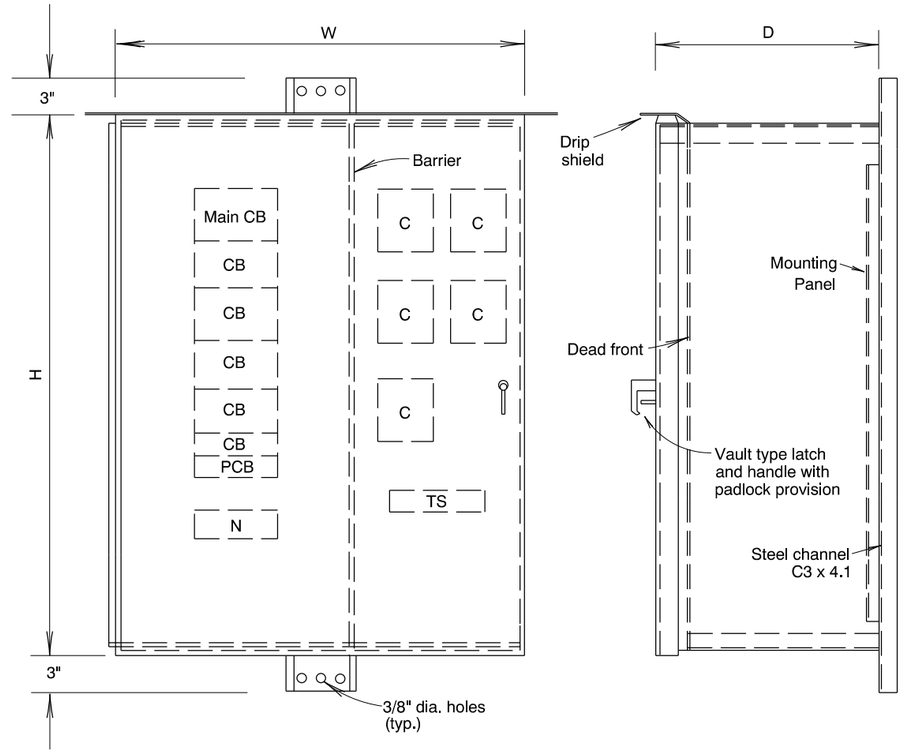
GENERAL NOTES

- Type "A" cabinet has a top hinged lift cover with provision to hold cover in open position.
- Type "B" cabinet has cover hinged on left or right side with catch and handle.
- All enclosures shown on this drwg. shall bear a U. L. label reading: "CUTOUT BOX" (Raintight)
- Cabinets formed from 10 Gage thick sheet metal. Hot dip galvanized after fabrication or 12 gage type 304 or 306 stainless steel.
- Dimensions are based on the following frame sizes:
  - "TEB" for 240 v. rating
  - "TED" for 277, 480 and 600 v. rating
- All internal wiring, except field wires, shall be done by a U.L. listed facility.
- Deadfronts may be fabricated from code thickness galvanized sheet metal or type 304 or 316 stainless steel.
- For galvanized sheet metal deadfronts:
  - Cut edges shall be treated with zinc-rich paint.
  - They shall be primed with vinyl wash primer and finished with exterior polyurethane enamel.
  - The color shall be Medium Gray that matches Federal Standard 595C color # 26270.
- Install copper buss bars for main and branch circuits.
- Provide 2 (min.) locater studs near top for dead fronts, and handle (finger) on dead front near bottom.

CB = Circuit Breaker
C = Contactor
N = Neutral Block (copper)
TS = Test Switch
PCB = Photocell Circuit Breaker

CABINET NO. 1

No Scale

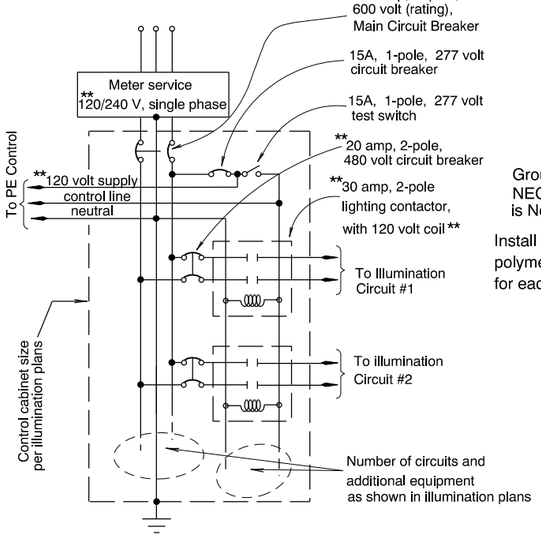


- Type "B" cabinet
- Can accomodate 4 to 6 contactors (30 amp max.)
  Make cabinet depth 10" when 60 or 100 amp contactor is specified.

2P or 3 P CB	1P CB	Cont.	Neut.	Test S.W.	W	H	D
5	1	4	1	1	24"	28"	8"
6	1	5	1	1	24"	32"	8"
7	1	6	1	1	24"	36"	8"

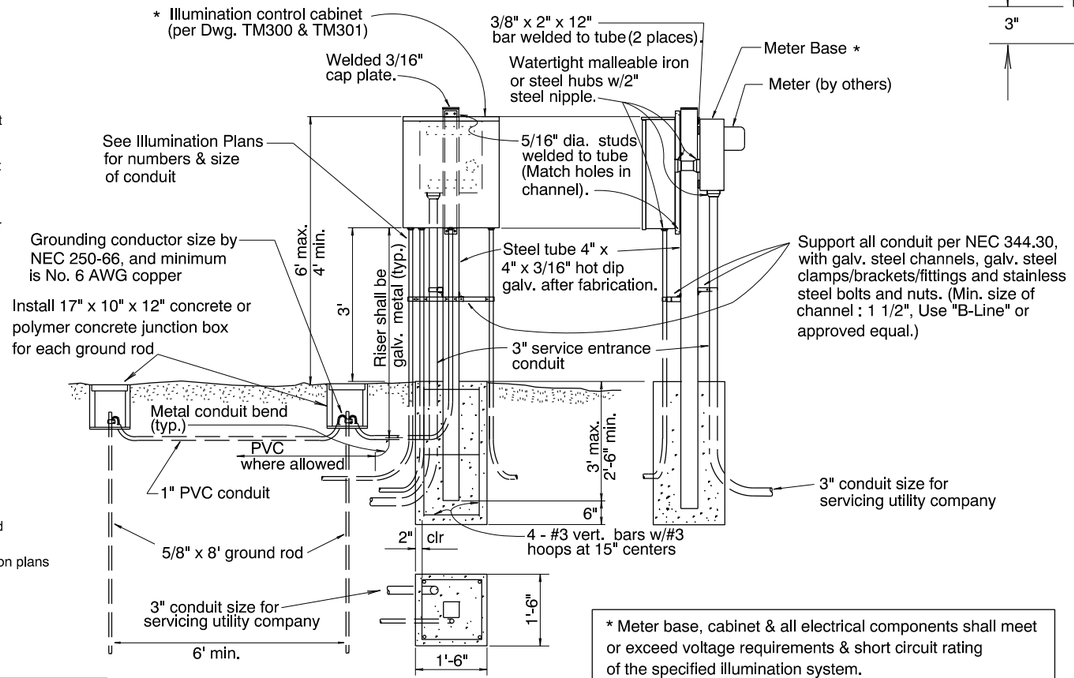
CABINET NO. 2

No Scale



WIRING DIAGRAM
SERVICE & CONTROL CABINETS

** Electrical service voltage, equipment voltage and rating, breaker sizes are per illumination plans. Specific wiring diagram for each cabinet shall be shown in illumination plans and checked by Engineer.



POST MOUNT ILLUMINATION CABINET

No Scale

* Meter base, cabinet & all electrical components shall meet or exceed voltage requirements & short circuit rating of the specified illumination system.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

ILLUMINATION CONTROL CABINETS

2024

DATE	REVISION DESCRIPTION

CALC. BOOK NO. N/A | SDR DATE 16-JUN-2020 | **TM300**

Effective Date: June 1, 2026 - November 30, 2026