NOTES
2. Cabinet shall be rated NEMA 3R and shall include rain-tight vents as shown.
3. Dimensions shown are minimum and shall be adjusted to accommodate the various sizes of equipment installed. A 1% tolerance is allowed for all dimensions.
4. Doors shall be pad-lockable and gasketed. Both doors shall include a Best CX-6 pin Construction core lock. Each door shall use three two-piece hinges, or two heavy-duty lift-off type hinges. Hinges shall not be accessible with the doors closed.
5. Hinges with pins shall have stainless steel or brass pins - see door hinge details. When using two piece hinge type on galvanized enclosure, remove hinge pin prior to welding hinge to cabinet and prior to hot-dip galvanizing. After galvanizing, replace pin with brass pin and solder in place.
6. Transformer section dead front panel shall include a phenolic label attached with screws or rivets. The phenolic label shall read "SUPPLIED FROM SERVICE CABINET S?? S??". See Contract Plans for service cabinet S number.
7. Equipment identified by Key Numbers 14, 15, 16, 17, 18, 19, 20, 21, 22, and 25 shall have an appropriately engraved phenolic name plate attached with screws or rivets. The name plate for Key Number 22 (Test Switch only) shall read as follows: "PHOTOCELL BYPASS TEST ON" and "PHOTOCELL TEST OFF - AUTOMATIC" (see test switch label detail).
8. All busswork shall be ASTM B187 copper and shall have a minimum rating of 125 amps. All breakers shall bolt on to the busswork. Jampering of breakers is not allowed. Busswork shall accommodate all future equipment as shown in the Breaker Schedule.
9. All nuts, bolts, and washers used for mounting the photocell enclosure shall be stainless steel.
10. The photocell unit shall be centered in the photocell enclosure to permit 360 degree rotation of the photocell without removal of the photocell unit or the photocell enclosure.
11. All internal wire runs shall be identified with "TO - FROM" coded tags labeled with the code letters and/or numbers shown on the Schedules. Approved PVC or polyolefin wire marking sleeves shall be used.
13. Buss bars shall be sized to accommodate up to #4 AWG wires.
14. Cabinet shall support a maximum transformer size of 15 kVA and a maximum of one lighting circuit (one lighting contactor).

DRAWN BY: BILL DESIGNS

Aug 30, 2022

TYPE BX
TRANSFORMER
CABINET
STANDARD PLAN J-10.26-00
SHOE 1 OF 2 SHEETS

APPROVED FOR PUBLICATION
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Mark Gaines (Aug 30, 2022 11:17 PDT)
Washington State Department of Transportation