NOTES (200 AMP TYPE 120/240 SINGLE PHASE SERVICE CABINET)


2. Hinges shall have stainless steel or brass pins.

3. Cabinets shall be rated NEMA 3R and shall include two rain-tight vents.

4. Metering equipment door shall be pad-lockable. Each door shall be gasketed. Install Best CX Construction Core on right side door. See Door Hinge Detail.

5. The following equipment within the service enclosure shall have an appropriately engraved phenolic name plate attached with screws or rivets:

   - Key Numbers 2, 3, 4, 5, 7, 8, 9, & 16
   - Key Number 4 name plate shall read: "PHOTOCCEL BYPASS TEST ON" and "PHOTOCCEL TEST OFF-AUTOMATIC". See Service Cabinet Detail.

6. Metering arrangements vary with different serving Utilities. The Utility may require dimension between the door and the front of the safety socket box to be less than the 11" (in) shown in the Left Side - Safety Socket Box Mounting Detail. The Contractor shall verify the serving Utility’s requirements prior to fabrication and installation of the service equipment.

7. Dimensions shown are minimum and shall be adjusted to accommodate the various sizes of equipment installed.

8. All busswork shall be high-grade copper and shall equal or exceed the main breaker rating. All breakers shall bolt onto the busswork. Jumpering of breakers shall not be allowed. Busswork shall accommodate all future equipment as shown in the breaker schedule.

9. 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.

10. All internal wire runs shall be identified with "TO - FROM" coded tags labeled with the code letters and/or numbers shown on the schedules.

11. All nuts, bolts, and washers used for mounting the photocell enclosure shall be stainless steel.

12. A 1% tolerance is allowed for all dimensions.

13. Slotted steel channel and mounting hardware components shall be stainless steel. Conduit clamps shall be hot-dipped galvanized steel or stainless steel.

14. The meter base portion of this service was designed to meet metering portion of EUSERC Drawing 309 requirements.

15. When using alternate door hinge:

   - 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.

16. Verify the service utility stand-off dimension. Adjust the removable panel to the measurement provided by the Utility Company. After adjustment, cut off all-thread bolts so that no less than two and no more than three full threads extend past the face of the nuts.

17. As an alternate to the bolted or field welded strut mount supports, 1 5/8" (in) x 3 1/4" (in) 12-gage continuous slotted steel channel or factory welded 1 5/8" (in) x 1 5/8" (in) 12-gage back to back continuous slotted steel channel may be used. Three pairs required.