NOTES

1. Metering Arrangements vary with different serving utilities. The utility may require meter base mounting in the enclosure, on the side, or on the back of the enclosure. The utility may require the dimension between the door and the front of the safety socket box to be less than the 11" shown in the left side safety socket box mounting detail, see Standard Plan J-3b. The Contractor shall verify the serving utility’s requirements prior to fabrication of and installing the service equipment.

2. The requirement for a disconnect switch ahead of the Meter varies with different serving utilities. The Contractor shall verify the serving utilities requirements prior to fabrication and installing the service equipment.


4. Hinges shall have stainless steel or brass pins.

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

6. Metering equipment doors shall be pad lockable. Each door shall be gasketed. Install best construction core on bottom left and right doors. See door hinge detail, Standard Plan J-3b. Concealed heavy duty stainless steel lift off hinges are allowed as an alternative. Upper left door shall have 3 hinges, lower left door shall have 2 hinges, and right door shall have 3 hinges. All doors shall have a two position door stop assembly.

7. The following equipment within the service enclosure shall have an appropriately engraved phenolic name plate attached with screws or rivets. Key number 2, 3, 4, 6, 7, 8, 9, 16, 21 and 24. Key number 4 name plate shall read: “Photocell Bypass Test On” and “Photocell Test Off-Automatic”. See Service Cabinet detail.

8. The dimensions shown are minimum and shall be adjusted to accommodate the various sizes of equipment installed.

9. All buswork shall be high grade copper and shall equal or exceed the main breaker rating. All breakers shall bolt onto the buswork. Jumpering of breakers shall be high grade copper. Busswork shall accommodate all future equipment as shown in the breaker schedule.

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.

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

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

14. See plans for breaker schedule.

15. Install conduit couplings on all conduits. Place couplings flush with top of concrete foundation.

16. Seal cabinet to foundation with a 1/2" bead of silicone. Apply silicone to dry surface only.

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