NOTES (CONTINUED)

11. Key Items 23, 24, and 25 shall be connected to the cabinet main bonding jumper assembly by appropriately sized wire. See Contract for Breaker and Contactor Schedule.

12. Buss bars shall be sized to accommodate up to #4 AWG wires.

13. 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 front of the safety socket box to be less than the 11” (in) stated in the Left Side - Safety Socket Box Mounting Detail. The Contractor shall verify the utility's requirements prior to fabrication and installation of the service equipment.

14. Verify the meter setback position with the utility and adjust the meter socket backplate to the required position. For cabinets with separate metering, remove the meter socket or install shunts in the meter socket.

15. The requirement for a disconnect switch ahead of the meter varies with different serving Utilities. Verify with the serving Utility that a disconnect switch is required before installing the disconnect switch.

16. Verify the meter setback position with the utility and adjust the meter socket backplate to the required position. For cabinets with separate metering, remove the meter socket or install shunts in the meter socket.

17. The requirement for a disconnect switch ahead of the meter varies with different serving Utilities. Verify with the serving Utility that a disconnect switch is required before installing the disconnect switch.

18. Buss bars shall be sized to accommodate up to #4 AWG wires.

19. 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 front of the safety socket box to be less than the 11” (in) stated in the Left Side - Safety Socket Box Mounting Detail. The Contractor shall verify the utility's requirements prior to fabrication and installation of the service equipment.

10. All internal wire runs shall be identified with "TO - FROM" coded tags labeled with the code letter and/or numbers shown on the Schedules. Approved PVC or polyolefin wire marking sleeves shall be used.

NOTES


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

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. Customer section doors shall include Best CX 5-pin Construction core locks. Each door shall use either a continuous piano hinge, three two-piece hinges, or two (small doors) or three (large door) heavy-duty lift-off type hinges.

5. Hinges with pins shall have stainless steel or brass pins - see Standard Plan J-10.20 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. Equipment identified by Key Numbers 14, 16, 17, 18, 19, 20, 21, 22, 23, and 28 shall have an appropriately engraved phenolic name plate attached with screws or rivets. The name plate for Key Number 21 (Test Switch only) shall read as follows: "PHOTOCELL BYPASS TEST ON" and "PHOTOCELL TEST OFF - AUTOMATIC.

7. All busswork shall be ASTM B187 copper and shall have a minimum rating of 250 amps. All breakers shall bolt on to the busswork. Jumpering of breakers shall not be allowed. Busswork shall accommodate all future equipment as shown in the Breaker Schedule.

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

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.

11. 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.