

Viewing

Window

FIGURE "D"

METER PEDESTAL DETAIL

#8 BC per

NTS

2P70A

2#6, #8G, 2"C

METER PEDESTAL ONE-LINE DIAGRAM

*1P50A* 

Spare

1P50A

Traffic Signal

Controller

2-1P20A

Spare

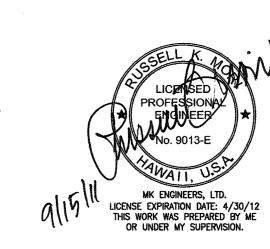
FED. ROAD STATE FED. AID FISCAL SHEET TOTAL SHEETS

HAWAII HAW. HSIP-7413(2) 2011 ADD.29 29

## METER PEDESTAL NOTES:

- 1. Wireways shall have the minimum dimensions shown in the table. The bottom of the wireway must accept a 3-inch (minimum conduit).
- Service conductors shall terminate on landing lugs. The service termination lugs must be #6 through 250 kcmil pressure-type Cu-Al listed. Insulated cables or bus shall be installed between the landing lugs and the commercial by-pass facility.
- The meter shall be enclosed. The enclosure cover shall be hinged and weigh not more than 25 pounds. Allow a minimum clearance of 11 inches from the face of the meter socket to the enclosure cover. The enclosure cover shall have a demand reset cover constructed of steel. The reset cover shall have a hinged polycarbonate viewing window. With the minimum dimensions as shown in figure "D".
- Do not install ringless sockets.
- 5. Internal equipment shall be secured without screws or nuts on the outer surface of the enclosure that may be loosened from the outside.
- 6. Customer section shall include:
  A. Panel with main cb \$\phi\$ branch cbs with interrupting rating indicated.
- 7. Provide a protective metallic barrier (16-gauge minimum) between the power company wireway and customer distribution section. The protective barrier shall not have a clearance more than 1/4-inch between the power company wireway and customer section to prevent screws and bolts from protruding into the termination section. All unmetered (line side of meter) bus or cable shall be separated by suitable barriers from metered (load side of meter) bus or cable.
  - The pedestal shall be supplied with commercial by-pass blocks with rigid insulating barriers wired or bussed to the meter socket by the manufacturer. Connection sequence is line to load from left to right. Identify each line and load position with 3/4-inch (minimum) block letter labeling. Seal commercial by-pass cover panels, and fit them with a lifting handle. For panels exceeding 16 inches wide, install two lifting handles.
- 9. All power company compartments (meter cover, demand reset cover, and pull section) shall have provisions for the power company's seal or padlock.
- 10. Install warning labels including high voltage and instructing personnel to stay clear of the enclosure, on the wireway pull section cover and in front of the meter section hinged cover.
- 1. Enclosure similar to pacific utility products USP-M015 series, or Tescoflex 26-000 models.

← Panel A, 120/240V, 1PH, 3W, 10KAIC, Plug-in Type 2-1P50A \$ 2-1P20A Ckt Bkrs \$ 4 PFBs



DATE REVISION

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

REVISED UPPER RIGHT CORNER BLOCK

LILIHA STREET

TRAFFIC SIGNAL AT KUKUI STREET

FEDERAL AID PROJECT NO. HSIP-7413(2)

Scale: AS NOTED Date: Jul 2011

E-2 SHEET No.

OF 2 SHEETS ADD. 29

2" Min

√5" Max →

FIGURE "C"

Wireway Pull Section