

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| OAHU | HAW. | HWY-0-01-13 | 2016 | 35 | 47 |

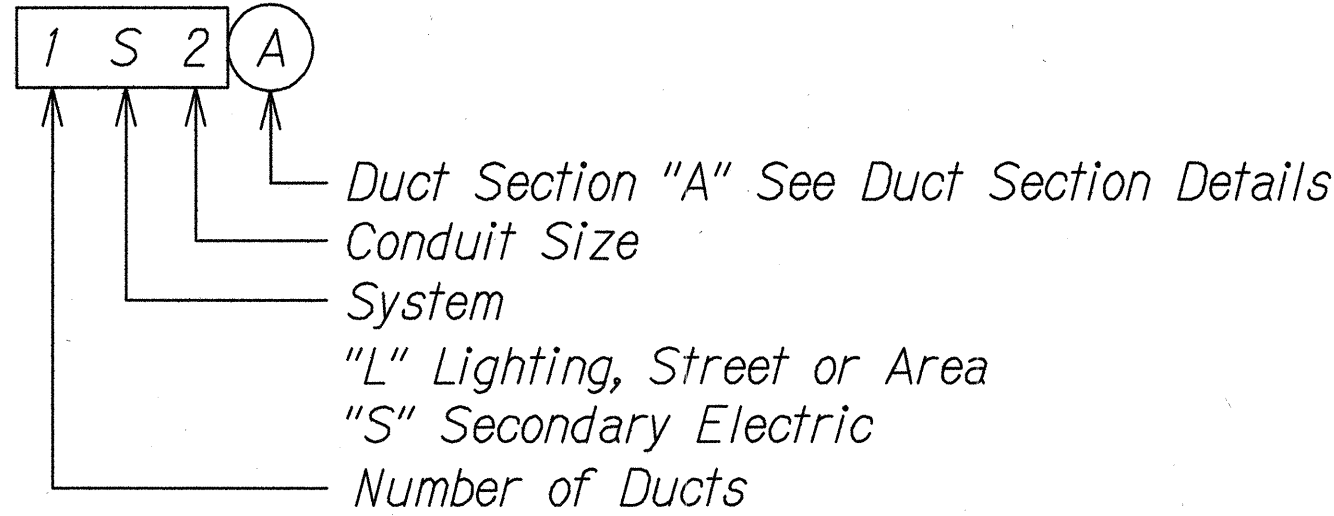
GENERAL NOTES:

- Obtain All Standards and Drawings Related to This Project From the Utility Companies. Verify That the Utility Company's Project Drawings are the Same as the Contract Drawings. Notify the Engineer of Any Differences Between Them. If Differences Exist, Obtain a Resolution Prior to Proceeding with the Work Which is Affected.
- Prior to Starting Work, Notify the Utility Companies in Writing When Work Will Start, and Provide them with a Construction Schedule.
- HECo - Hawaiian Electric Company
SIC - Sandwich Isles Communications, Inc.
HTcom - Hawaiian Telcom

SYMBOLS LIST

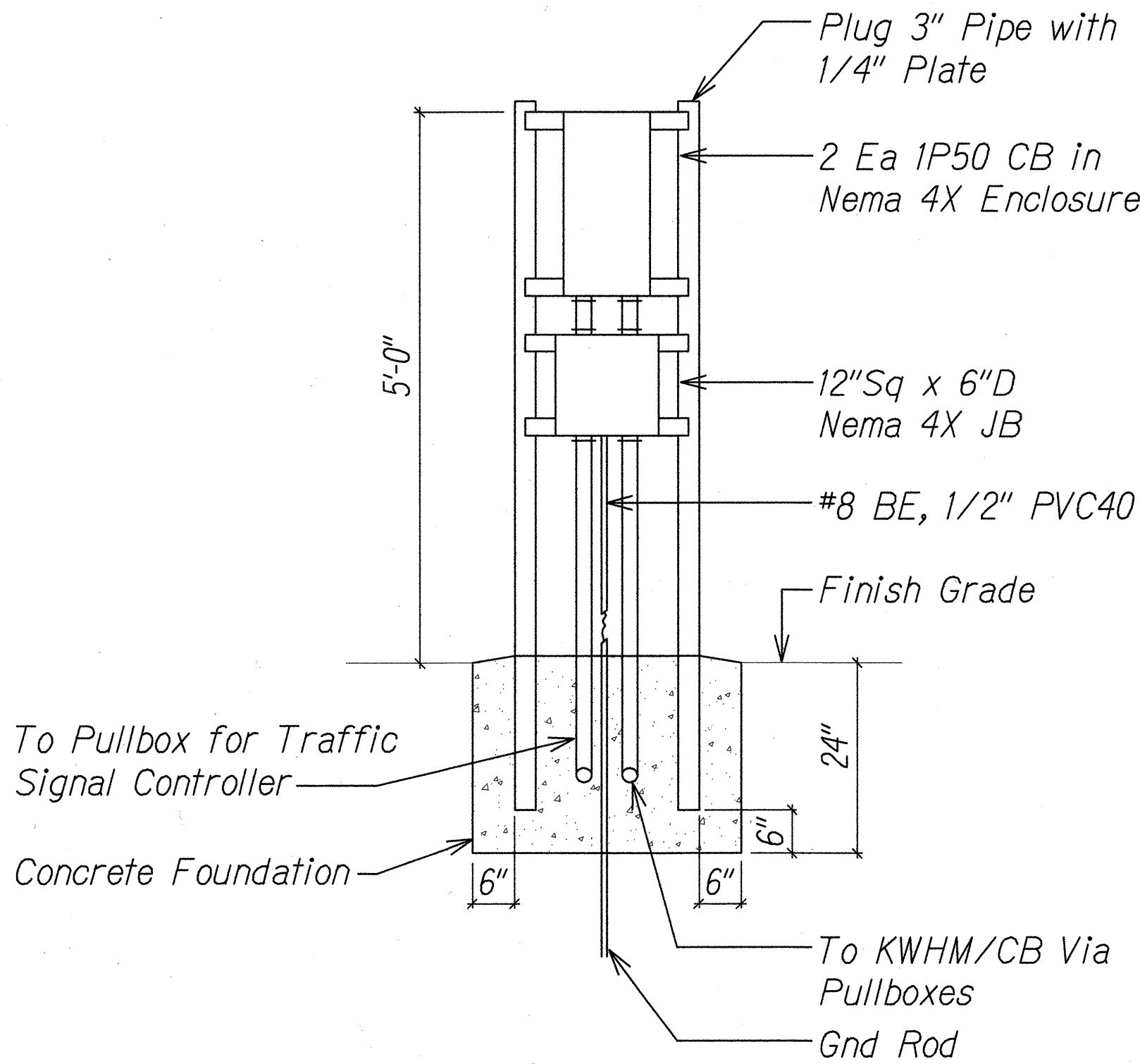
- Handhole Or Pullbox
⊙ Street Light [Highway] Standard, 250W HPS
⊕ Street Light Standard, 150W HPS
BC Bare Copper
GRS Galvanized Rigid Steel
HPS High Pressure Sodium
JP Joint Pole
LED Light Emitting Diode Type Fixture
UON Unless Otherwise Noted
WP Weatherproof
1 Key Note Indicator
1 S 2 A Duct Section Indicator
— OH/E46/E12/S/T/V/N — Overhead Utility Lines
Neutral
CATV
Telephone
Secondary Electric
Primary 12kV Electric
Primary 46kV Electric
OH - Overhead (New)
eOH - Overhead (Existing)

DUCT DESIGNATION



PULLBOX SCHEDULE

- 100 State Highway Electrical Pullbox Type A, See State DOT Standard Plan TE-37. Provide "STATE" and "ELEC" Identification on Cover.

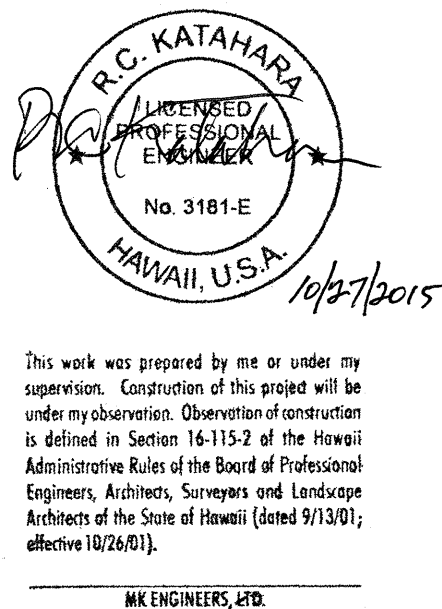


- Underground Ductline
--- Conduit & Wiring Concealed within Concrete Structure
— SL — Street Light Ductline & Wiring, See Street Light Details
--- Exposed Conduit [LGRS] [PVC Coated GRS] & Wiring
--- Ductline, Stub-out 5'-0" from Edge of Sidewalk or as Indicated on Plan. Provide Concrete Stub-out Marker.
--- Underground Ductline and Trench Repaving Boundary
--- Conduit(s)
--- Trench Repaving Boundary (Only AC Repaving Limits Shown - Schematic Only)

A
E-002 | E-001 NTS
CIRCUIT BREAKER MOUNTING DETAIL

NOTES:

- Pedestal Shall be Hot Dipped Galvanized After Fabrication.
- All Fastening Bolts, Nuts, and Washers Shall be Stainless Steel.
- Coat Portion of Post 6" Above & Below Conc Foundation with Two Coats Asphaltic Based Paint or Tape with Electrical Tape, Half Lapped.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ELECTRICAL SYMBOLS AND NOTES

TRAFFIC OPERATIONAL IMPROVEMENTS
AT VARIOUS LOCATIONS
Project No. HWY-0-01-13

Scale: As Noted Date: Oct 2015
SHEET No. E-001 OF 6 SHEETS