



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	31B-01-94	1994	6	9

TRAFFIC SIGNAL LEGEND

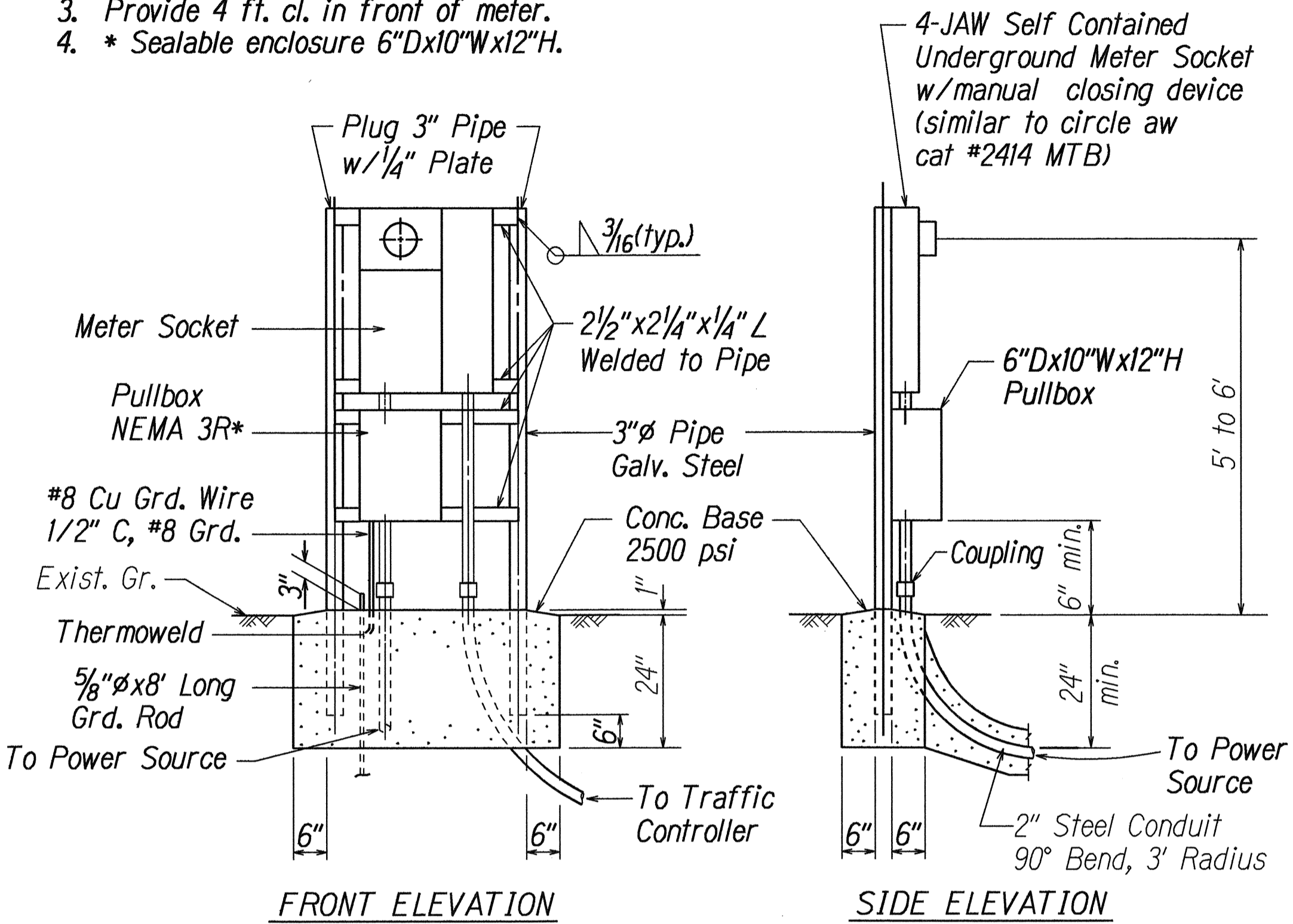
-  New Traffic Signal Controller
-  New Traffic Signal Conduits & Cables
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TRAFFIC SIGNAL NOTES

1. The locations of the Traffic Signal Standards, Pedestrian Push Buttons, Traffic Controller, Pullboxes, Conduits and Loop Detectors shall be staked out in the field by the Contractor and approval of the locations shall be obtained from the Engineer prior to construction and installation.
2. All splicing shall be done in the pullboxes.
3. Furnishing and installing the conduit stubouts (pullboxes to edge of pavement) will not be paid for separately but shall be considered incidental to the various contract items
4. A solid #8 bare copper wire shall be pulled with the traffic signal control cable for equipment ground. Cost shall be incidental to the installation of the control cable.
5. All Traffic signal controller equipment shall be completely wired in the cabinet and shall control the traffic signals as called for in the plans.
6. The Contractor shall install one meter socket and 50 amp. breaker as shown on the plans in accordance with MECO requirements. The Meter shall be mounted between 5 feet and 6 feet above ground. Meter socket shall be 4-prong, complete with a manual circuit closing device.
7. The loop amplifier units furnished for this project shall be capable of operating the loop detector configurations shown on the plans. Cost for the loop amplifier shall be incidental to the installation of the loop detector.
8. Should any defect be encountered during the warranty period, the manufacturer will be notified and he shall promptly correct such defect. Service call (by factory qualified representative) during the warranty period for repairs or other maintenance shall be answered within 24 hours and shall be done at no expense whatsoever to the State. All repairs shall be done as soon as possible.

Notes:

1. Pedestal shall be hot-dipped galv. after fabrication.
2. All fastening bolts, nuts & washers shall be stainless steel.
3. Provide 4 ft. cl. in front of meter.
4. \* Sealable enclosure 6"Dx10"Wx12"H.

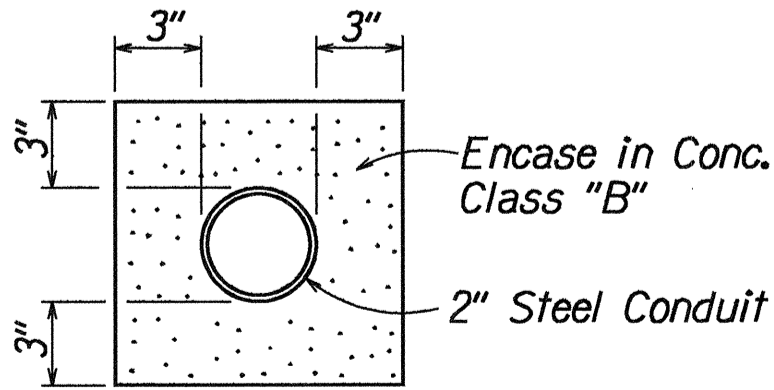


METER PEDESTAL FOR UNDERGROUND SERVICE

NOTES: Not to scale

1. Maui Electric Co. shall assist the Contractor in connecting Power Source conduit with the MECO pullbox.
2. Contractor shall make all electrical connections to controller, provide breaker, ground and concrete-encased 2" steel conduit.
3. All conduits to contain a polyolefin pull line (Jet Line cat. #232 or equivalent).
4. Contractor shall provide Maui Electric Co. one week advance notice for any work by Maui Electric Co.
5. A utility company standby man is required to be at the site at the time any non-utility company personnel will be breaking into or entering any facilities that contain energized utility company equipment or cables.
6. Three working days advance notice is required by the utility company for any inspection service or standby man. Call - phone 871-7777.
7. The installation of the meter pedestal for underground service will not be paid for separately but considered incidental to the Meter Socket and Breaker (50 amps).

ELECTRICAL SERVICE DETAIL



MECO CONDUIT DETAIL

Not to scale

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC SIGNAL**  
**LEGEND, DETAILS & NOTES**  
PIILANI HIGHWAY  
Intersection Improvements at Lipoa Street  
PROJECT NO. 31B-01-94  
Not to Scale Date: Jan., 1994  
SHEET No. 1 OF 1 SHEETS