## GENERAL NOTES

- 1. Locations of existing underground structures or utilities are approximately shown on the plans. The Contractor shall locate and verify the locations with their respective owners.
- 2. Existing underground structures and utilities damaged by the Contractor shall be repaired at his own cost.
- 3. The locations of all new traffic signal equipment shall be staked out in the field by the Contractor and approved by the Engineer prior to installation.
- 4. All new conduits under roadways shall be steel or PVG schedule 80 unless otherwise noted. The Contractor shall have the option of using PVC schedule 40 for new conduits not under roadways.
- 5. All trenches in paved areas shall be reconstructed equal to or better than existing.
- 6. A solid #8 bare copper wire shall be pulled with the 19c #14 loop control cable for equipment ground. Cost shall be incidental to the installation of the 19c #14 cable.
- 7 STOP signs shall be removed only after traffic signal system becomes operational.
- 8. The location of pavement markings as shown on the plans shall be verified by the Contractor with the Engineer prior to the installation of the traffic signal system.
- on power pote in accordance with power company's requirements. Meter shall be mounted between 5' and 7' above ground. Meter socket shall be 4-prong complete with a manual circuit closing device. A 50-Amp circuit breaker on weatherproof box shall be provided.
- 10. The controller furnished shall be a 2-8 phase controller.
- 11. Minimum controller cabinet size shall be 40" high, 24" wide and 14" deep.
- 12. All removed signs, sign posts and flasher units shall be cleaned and returned to the State Highways Baseyard at 650 Palapala Drive, Kahului, Maui.
- 13. The Contractor shall obtain all permits from the County of Maui before performing any work outside the State's right-of-way.

	FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAWAII	HAW.	315-01-82	1981	4	12

## LEGEND

- New 12" RYG Traffic Signal Head

0-D New Type I Traffic Signal Standard w/ Signal Head

New Traffic Type II Traffic Signal Standard (Signal Heads and Mast Arm Length As Specified.)

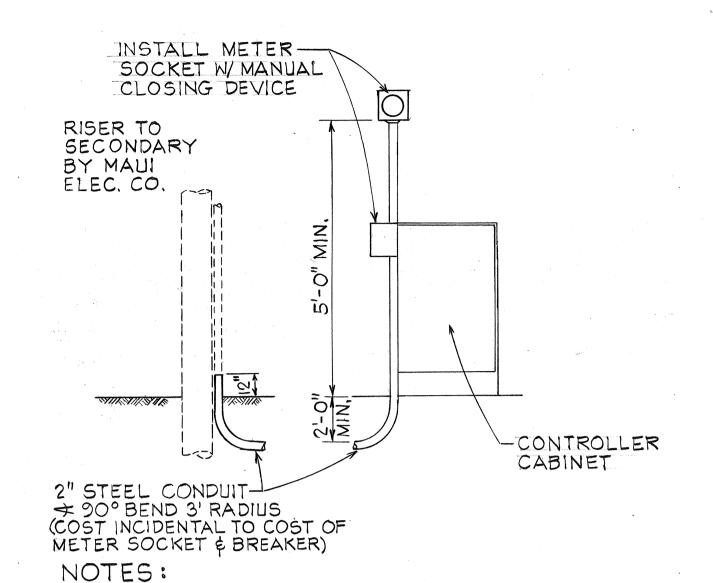
---- Existing Duct Line

New Traffic Signal System Controller with 4" Concrete Landing Across Entire Length of Controller.

O New Type "B" Pullbox

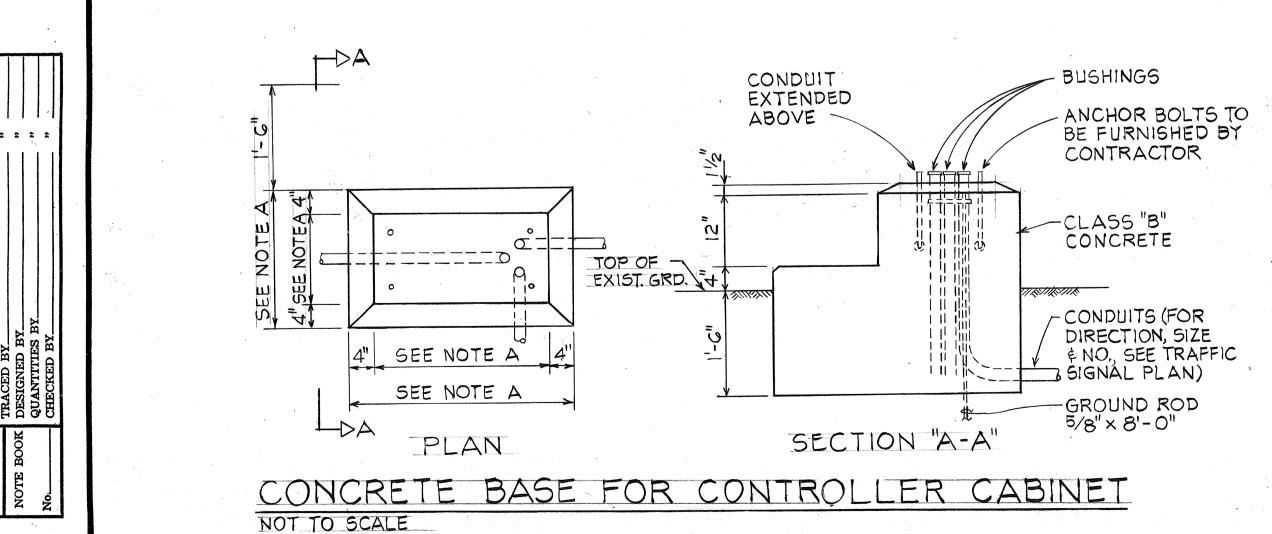
New Type "A" Pullbox

EJ Existing Pullbox



- I. MAUI ELECTRIC CO. SHALL FURNISH AND INSTALL CABLE BETWEEN SECONDARY AND METER SOCKET.
- 2. CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS TO CONTROLLER, PROVIDE BREAKER AND GROUND.
- 3. CONTRACTOR SHALL PROVIDE MAUI ELECTRIC CO. ONE WEEK ADVANCE NOTICE FOR ANY WORK BY MAUI ELECTRIC CO.

ELECTRICAL SERVICE DETAIL



## NOTES:

- A DIMENSIONS TO BE DETERMINED BY THE SIZE OF THE CONTROLLER CABINET TO BE FURNISHED UNDER THIS CONTRACT.
- B. DETAILS OF CONDUITS, ANCHOR BOLTS, ETC. ARE APPROXIMATE ONLY. EXACT DETAILS SHALL BE SECURED BY THE CONTRACTOR FROM MANUFACTURER.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND PIILANI HIGHWAY

PROJECT NO. 318-01-82

SCALE: 1"= 20'

DATE: SEPT. 1981

SHEET NO. | OF | SHEETS

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