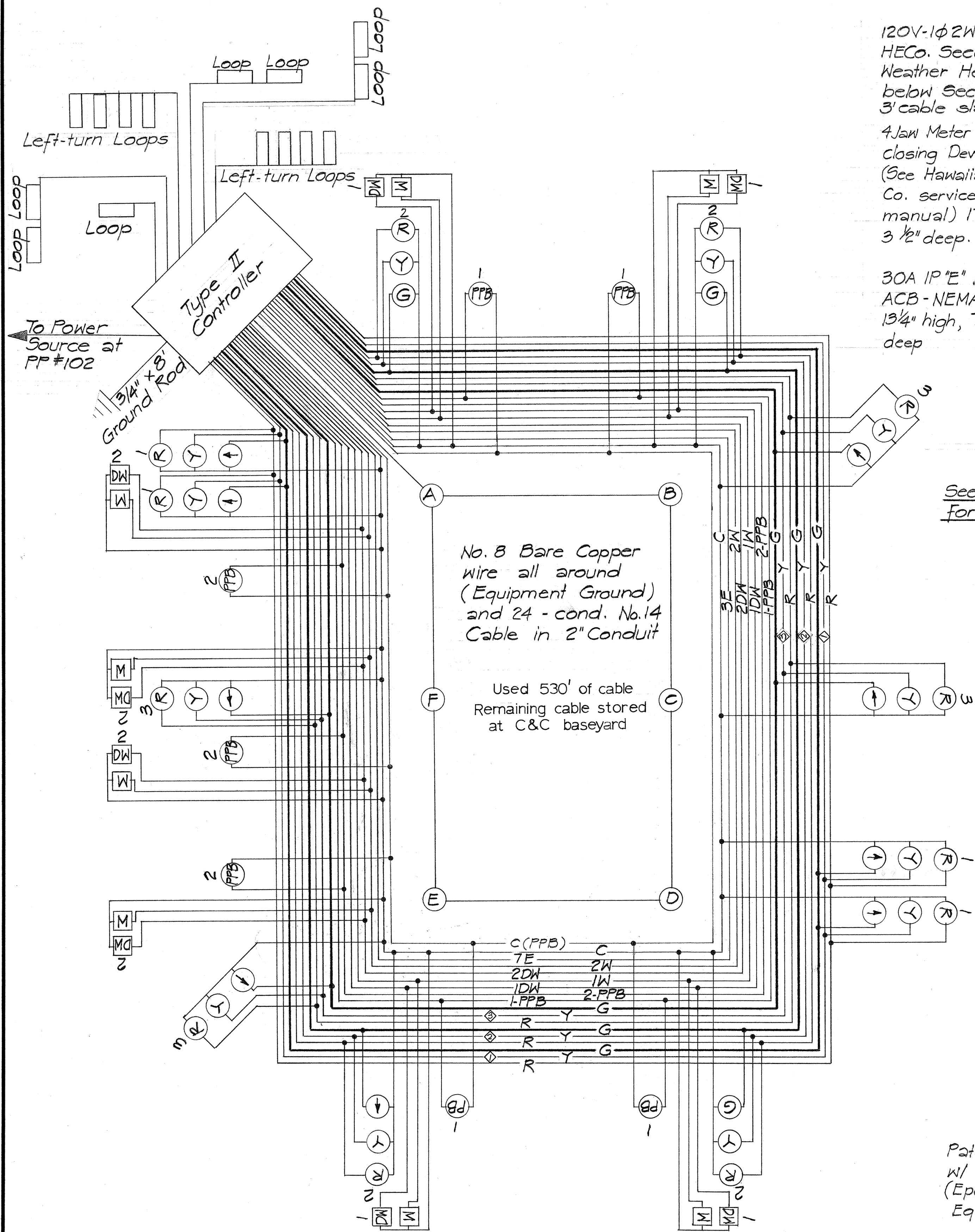


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EHS-T-9001(12)	1972	3	7

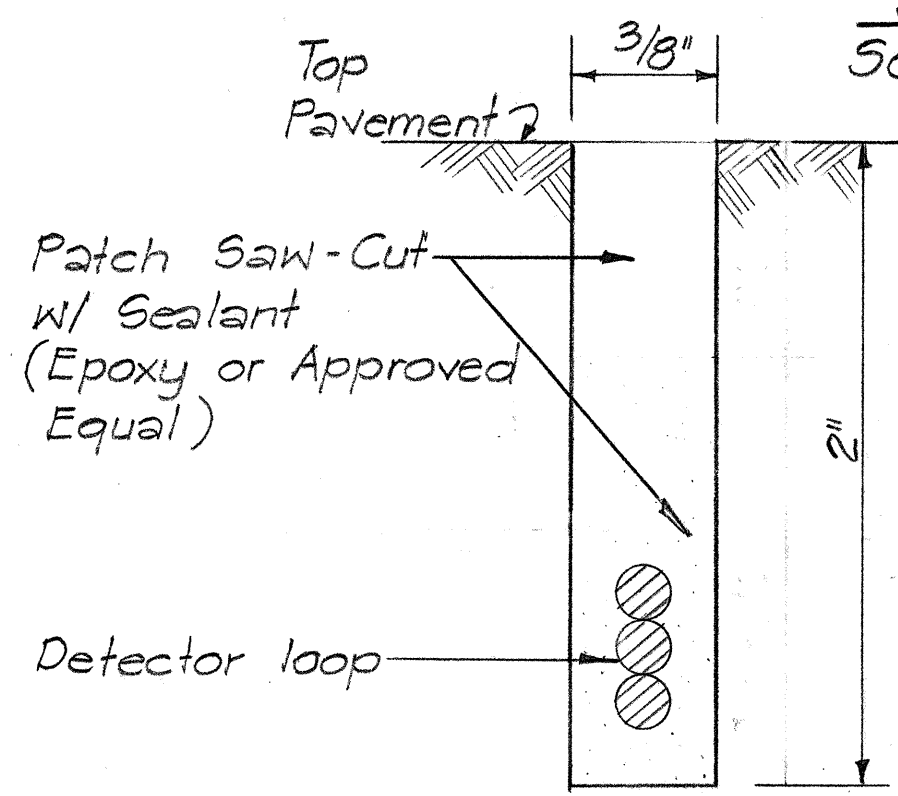
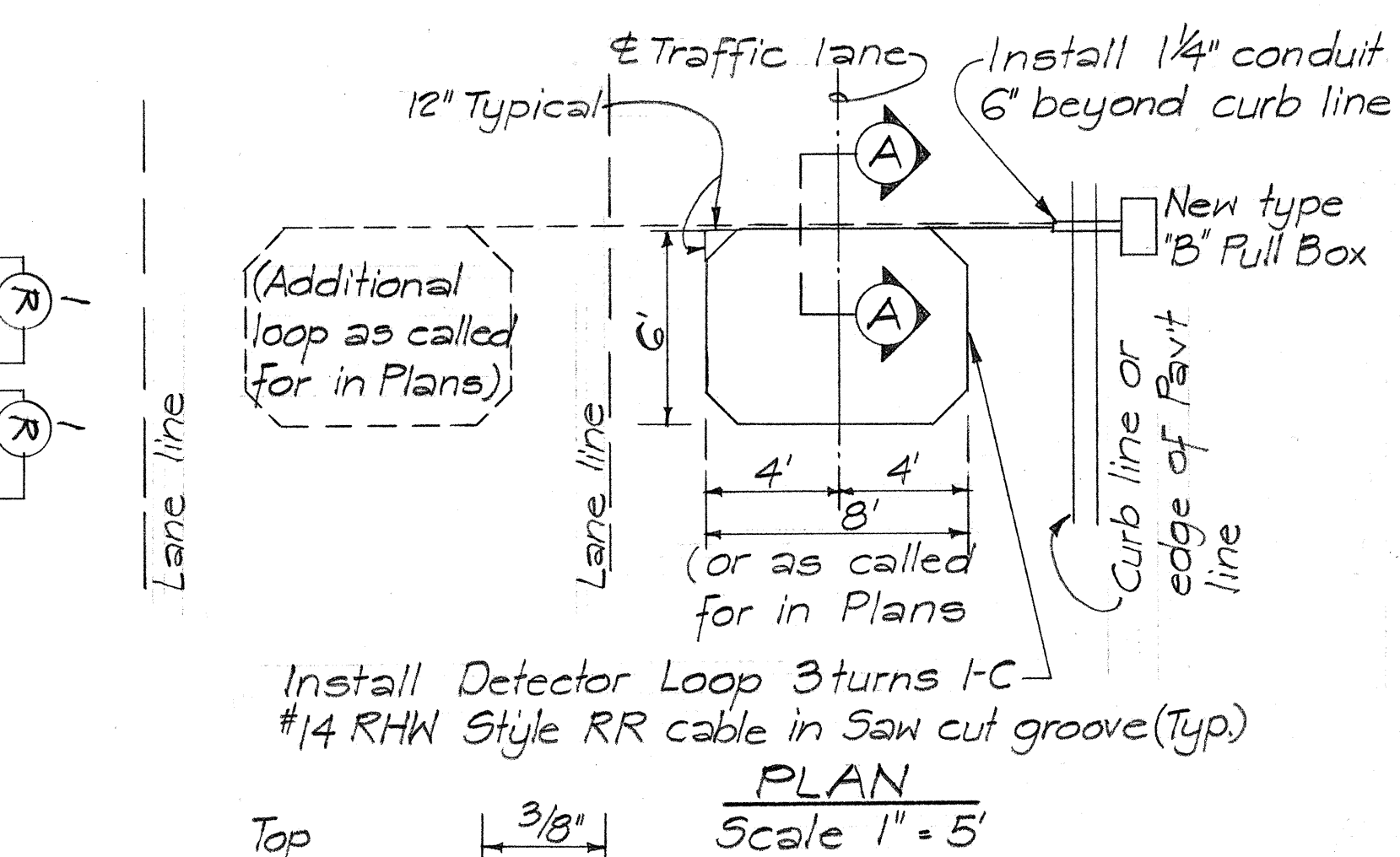


WIRING DIAGRAM
No Scale

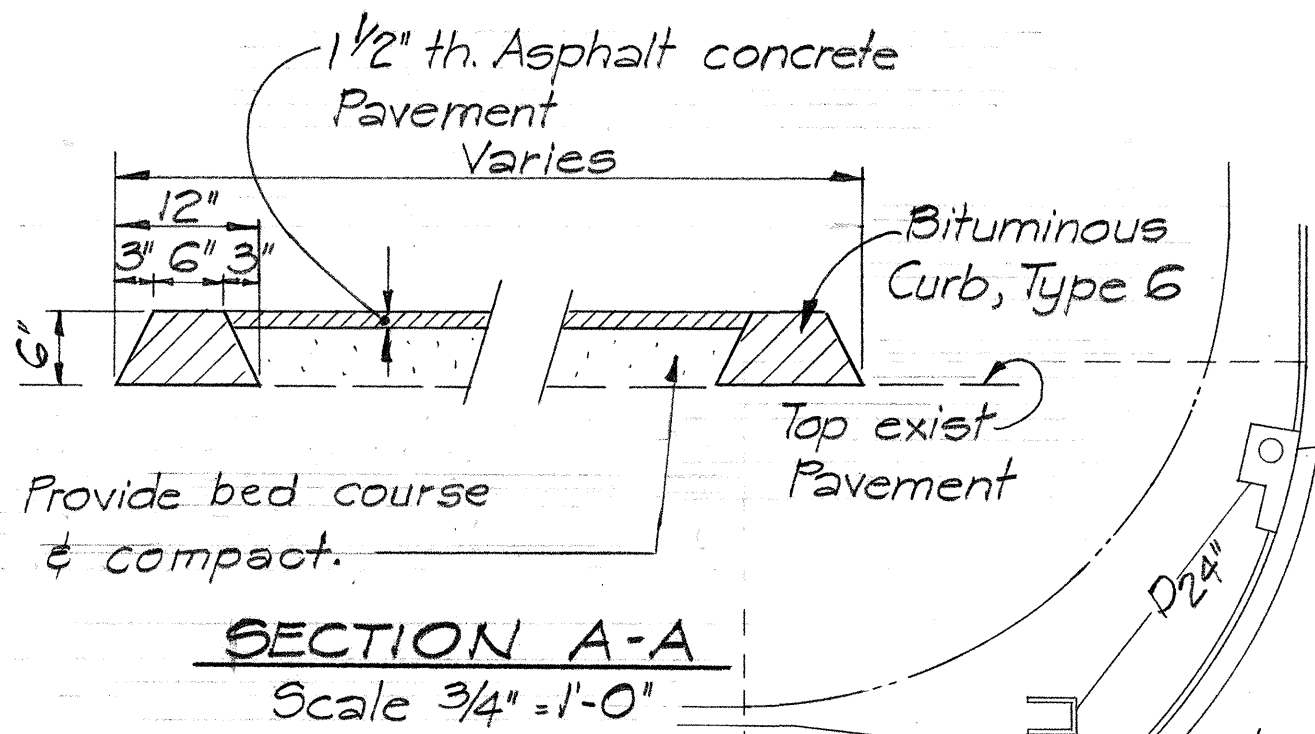
120V-1 ϕ 2W Service from HECO. Secondary.
Weather Head to be 18" below Sec. Gain. Provide 3' cable slack
4 Jaw Meter socket w/manual Closing Device @ +7'-0" (See Hawaiian Electric Co. service installation manual) 17" high, 8" wide, 3 1/2" deep.
30A 1P "E" Frame ACB - NEMA 3 13 1/4" high, 7 1/4" wide, 4 7/8" deep

See sheet 4 For HECO. Notes

TYPICAL SERVICE & METERING AT PP#102
Scale 3/4" = 1'-0"



LOOP DETECTOR DETAILS
Scale : As shown

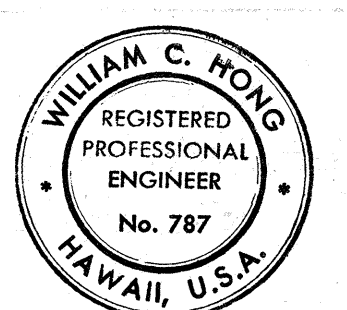
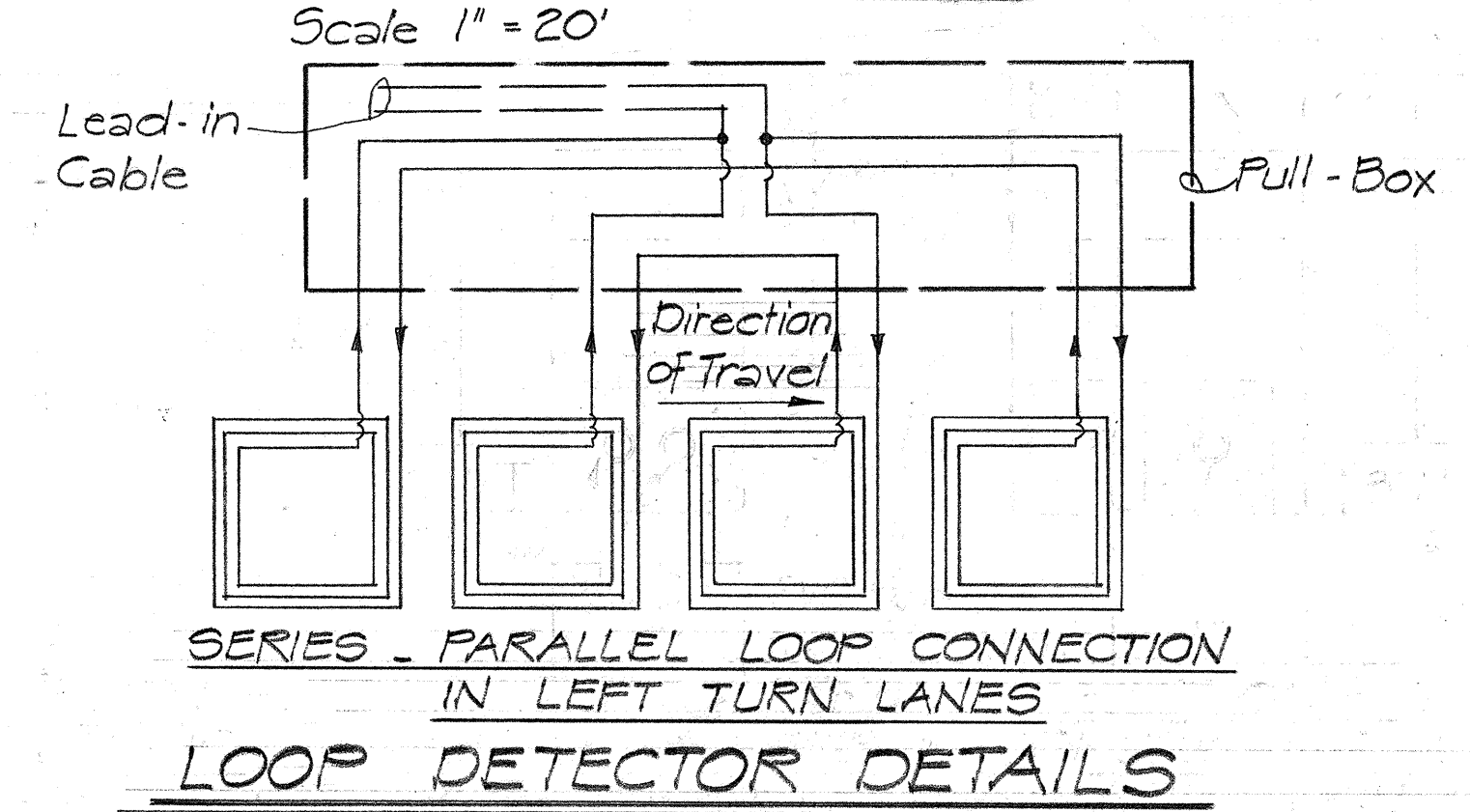


FARRINGTON

LEOKU STREET

LEOLE STREET

DETAILS OF ISLAND DESIGNS
Scale 1" = 20'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
William C. Hong

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNALS
FARRINGTON HIGHWAY AT
LEOLE AND LEOKU STREETS
PROJECT No. EHS-T-9001(12)
MISCELLANEOUS DETAILS
Scale: As shown Date: June 9, 1972
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EH5-T-9001(12)	1972	4	7

GENERAL WATER NOTES

- Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the Standard Specifications for Road and Bridge Construction, dated 1969, as amended, of the Hawaii Highways Division, Department of Transportation.
- Prior to excavating for new drain, sewer and other utility lines, the Contractor shall verify in the Field the location of existing water mains and appurtenances.

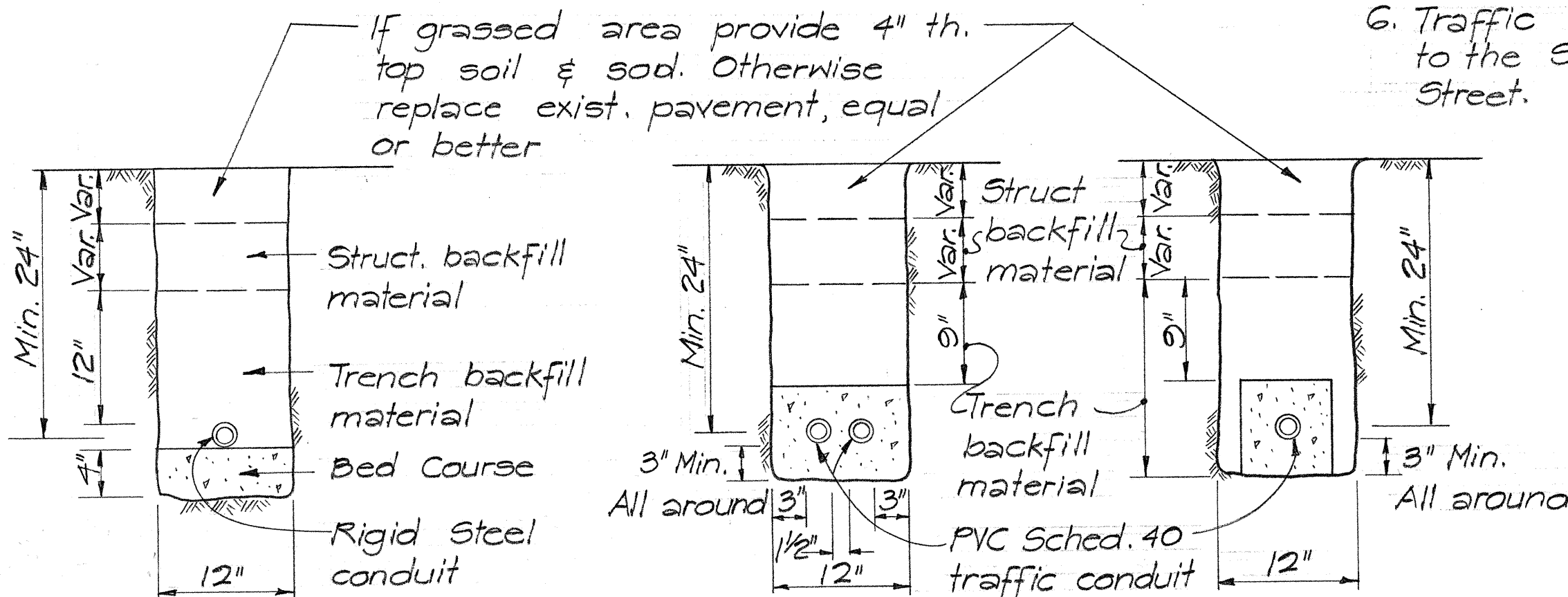
Where the installation of new drain, sewer or other utility lines are to cross over or under existing water mains, the Contractor shall expose the existing water mains prior to trenching. Excavation around water mains shall be done by hand.
- Item indicated as "relocate" on the Plans shall be removed, cleaned, painted and reinstalled at the new location by the Contractor unless otherwise specified.
- Asterisk (*) indicates work to be performed by Board of Water Supply. Materials to be furnished by the Contractor unless specified as "relocate"
- The minimum clearance between fire hydrants and utility poles or light standards shall be 3.0 feet.
- The Contractor shall notify the Board of Water Supply in writing one week prior to commencing work on the main.
- Approval by the Board of Water Supply is based solely on the adequacy of the water supply and to assure that the adjustments to the water system are in conformance with the requirements of the Board of Water Supply Standards.

Discrepancies, if any, of alignments, grades, fittings, etc. shall be the responsibility of the Engineer who prepared the Plans.

- The existence and location of underground utilities and structures as shown on the Plans are from the latest available data but is not guaranteed as to the accuracy or the encountering of other obstacles during the course of the work. The Contractor shall be responsible and shall pay for all damages to existing utilities.

HECO. NOTES

- The Meter shall be located as specified on P#7 of HECO's. Service Installation Manual.
- Meter mounting heights and clearances shall be as required on P#55 of the Service Installation Manual.
- Contractor shall give HECO one week advance notice for HECO service connection.



TYPICAL TRENCH SECTION ①
RIGID STEEL CONDUIT
Scale 1" = 1'-0"

TYPICAL TRENCH SECTION ②
SINGLE & DOUBLE CONCRETE ENCASED
PVC SCHEDULE 40 TRAFFIC CONDUITS
Scale 1" = 1'-0"

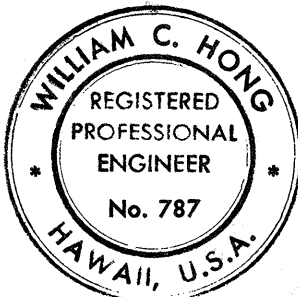
- NOTE : ①
Install 2-2" rigid steel conduits between all signal standards & Pull-boxes unless otherwise called for. Conduits between Controller mounting & Controller Pull-box shall be 2-2" & 1-1 1/4", rigid steel.
- NOTE : ②
Except as called for on the Plans, all traffic signal buried conduits shall be PVC, Schedule 40, concrete encased.

CONSTRUCTION NOTES

- All Traffic Marking work will be performed by the State.
- The exact locations of Traffic Signal Standards, Controller and Cabinet and Pull-Boxes shall be determined in the Field by the Engineer.
- See special Provisions - Section 623 for Materials and Equipment to be furnished by the State.
- Contractor to call Phone 548-2126 for field locations of Gas lines a minimum of 48 hours before starting project excavation.
- All Traffic Signal Pull-boxes shall be Type "B", except the Controller Pull-box which shall be Type "A".
- Traffic Signs indicated as "Remove" shall be delivered to the State Highway Maintenance Yard at 727 Kakoi Street.

APPROVED

for R. Nagato 4.19.72
Assistant Chief Engineer Date
BWS



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
William C. Hong

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNALS
FARRINGTON HIGHWAY AT
LEOLE AND LEOKU STREETS
PROJECT No. EH5-T-9001(12)
CONSTRUCTION NOTES
AND MISCELLANEOUS DETAILS
Scale : As shown Date : June 9, 1972
SHEET No. 2 OF 2 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	