

UTILITY GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	804A-01-87M	1987	10	30

BOARD OF WATER SUPPLY (BWS) 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 1985, as amended, of the Hawaii Highways Division, Department of Transportation and the City and County of Honolulu Board of Water Supply's "Water System Standards", Volume 1, dated 1985, and the "Approved Material List and Standard Details For Water System Construction", Volume 2, dated 1985 and all subsequent amendments and additions.
- 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, and 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.
- Items indicated as "relocate" on the plans shall be removed, cleaned, painted, and reinstalled at the new location by the Contractor unless otherwise specified.
- 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 water system. Coordinate with Francis Among at 455-9588 of BWS Manana Corporation Yard.
- All plans approved by the Board of Water Supply are based solely on the adequacy of the water supply. All other features of the water system, such as lines, grades, fittings etc., and drainage and other features of improvements shall not be the responsibility of the Board of Water Supply.
- 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 pay for all damages to existing utilities.
- Any adjustments to the existing water system required during construction to meet requirements of BWS Standards, whether shown on the plans or not, shall be done by the Contractor at no cost to the Board.
- Reapproval shall be required if this project is not under construction within a period of one year. (See Rules and Regulations of the Board of Water Supply).
- The project shall provide four sets of approved plans one week prior to commencing work on the water system.

HAWAIIAN ELECTRIC INDUSTRIES CO. (HEI) NOTES

- The location of HECO's overhead and underground facilities shown on the plans are from existing records with varying degrees of accuracy and are not guaranteed as shown. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines and shall maintain adequate clearance when operating equipment within or under any overhead lines.
- The Contractor shall comply with the State of Hawaii's Occupational Safety and Health Law (DOSH).
- For verification of underground lines or for assistance in supporting and protecting these lines, the Contractor shall call HECO's Underground Division at 548-7395 a minimum of 72 hours in advance.
- The Contractor shall be liable for any damages to HECO facilities and shall immediately report such damages to HECO's Trouble Dispatcher at 548-7961.

WASTEWATER MANAGEMENT (SEWER) NOTES

- All construction shall be performed in accordance with the City's STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, May 1975 and THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, September 1984, and THE REVISED ORDINANCES OF HONOLULU, 1978, as amended.
- The Contractor shall notify the Division of Wastewater Management (7) seven days prior to the commencement of sewer work and submit (4) four sets of approved construction plans.
- Location of existing sewer appurtenances shown on the plans are approximate only. The exact location shall be verified in the field.

HAWAIIAN TELEPHONE CO. (HTCO) NOTES

- The location of existing Hawaiian Telephone Company underground facilities are approximate only. The Contractor shall verify their location and depth of the facilities. Any damages to the underground facilities as a result of his operations shall be repaired and paid by the Contractor.
- The Contractor shall notify Hawaiian Telephone Company, Telephone Cable Locator Service at 834-6214, 72 hours prior to the start of excavation for field location of Hawaiian Telephone Company underground facilities including the U.S. Army Signal Corps Cable.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	
CHECKED BY	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

APPROVED:
G. Lyons 3/24/86
CHIEF, DIV. OF WASTEWATER MANAGEMENT DATE
R. Kawamoto 3/21/86
for CHIEF, PLANNING & ENGINEERING, BWS. # DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
UTILITY GENERAL NOTES
WHITMORE AVE. RESURFACING AND
SHOULDER IMPROVEMENTS
Kamehameha Hwy. to Military Gate
Project No. 804A-01-87M
Date: April, 1986
SHEET NO. 1 OF 1 SHEETS