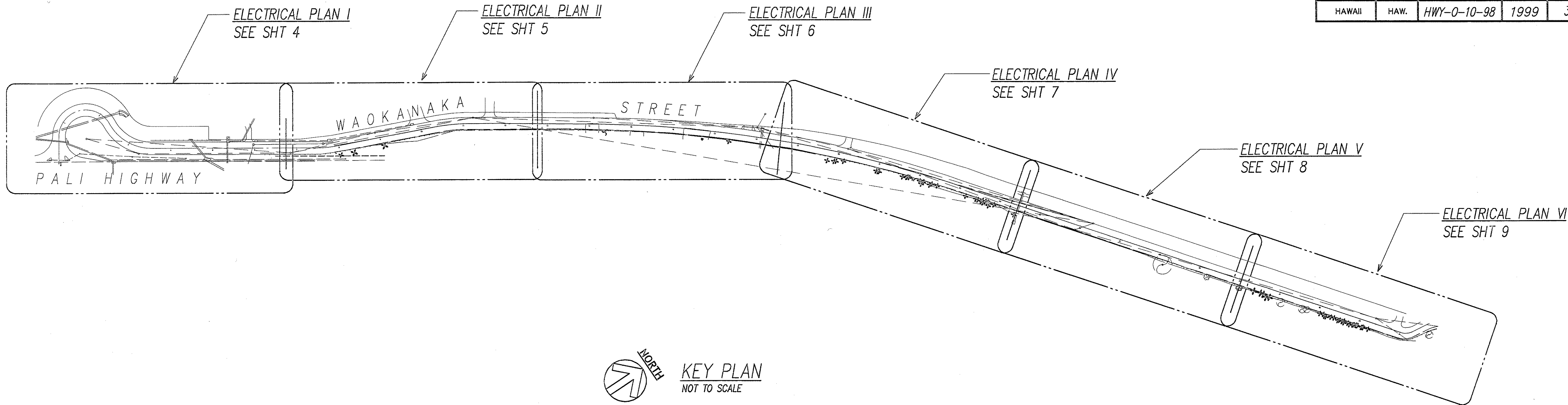


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-10-98	1999	3	13



General Notes

1. Project scope is to provide roadway lighting complete with lighting standards, concrete footings, replacement of luminaires, underground wiring, electrical service, trenching and backfilling, and patching of roadway pavement.
2. Existing street lights to remain operational during construction.
3. Trim trees that interfere with new street light placement and performance. Provide clearance of at least 5' around pole and luminaire. Cost shall be incidental to the installation of the roadway lighting system.
4. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
5. Locations of existing underground structures and utilities such as pipelines, conduits, cables, etc., manholes, monuments, and structures shown on plans are approximate only. It is not the intent of these plans to show the exact location of all underground utilities and structures. It is the responsibility of the Contractor to verify the locations of all existing utilities with the respective owners. Existing utilities damaged by the Contractor shall be repaired by the Contractor at his own cost.
6. Contractor shall provide for access to and from all existing side streets and driveways at all times.
7. Maintenance of traffic through the construction area shall be in accordance with Part VI, "Standards and Guidelines for Traffic Controls for Street and Highway Construction, Maintenance, Utility and Incident Management Operations", of the "Manual ON Uniform Traffic Control Devices For Streets And Highways", Federal Highway Administration (1988 Edition), to include all Revisions and Errata Sheets to Part VI and as specified in the special provisions. The Contractor shall furnish and maintain adequate barricades, blinkers, construction signs, etc., for the safety of the motoring public.

Street Light Standard Identification Legend:

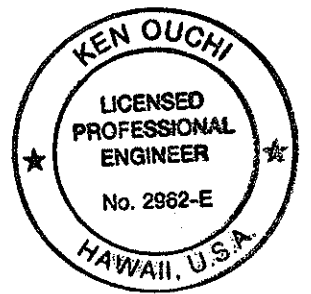
Legend	Description
1 121+93	← Station Number
2 2	← Street Light Pole Number
3 2'	← Pole Clear Setback from Curb
4 15'	← Luminaire Arm Span in Feet
5 TB	← Pole Base Mounting, Transformer Base Type
6 30'	← Luminaire Mounting Height above Pavement

Electrical Symbols

Symbol	Description
—○—	Street Lighting Standard, 100W HPS, Single Luminaire. See 1/13
—○—	Exist Street Lighting Standard
—	Underground Ductline
---e---	Existing Underground Ductline
□	Type "A" Pullbox or Item as Noted. Pullbox Construction Sheet 14.
—F— A	Duct Section Designator, Type A Ductline Indicated, See Sheet 10.
PB	Pullbox
ep	Edge of pavement
R/W	Right of way
—□—	Existing guardrail
==	Existing AC Curb

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
	IN CHARGE	

LAST SAVE: 01/24/99 16:08:25 BY: J. P. OUCHI
A:\ACAD\PROJECTS\981010\981010.DWG XREF: 981010.DWG



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
R. Ouchi
RONALD N. S. HO & ASSOC., INC.
ELECTRICAL ENGINEERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SYMBOLS, ELEC SITE PLAN

WAOKANAKA STREET
INSTALLATION OF HIGHWAY LIGHTS
PROJECT NO. HWY-0-10-98

SCALE: AS NOTED DATE: JAN 1999
SHEET No. 3 OF 13 SHEETS