

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

LIST OF ABBREVIATIONS

A	ASSY. ASSEMBLY
B	BKT BRACKET
C	RACEWAY (TYPE & SIZE AS INDICATED)
CKT	CIRCUIT
CONC.	CONCRETE
EXIST	EXISTING
E.T.W.	EDGE OF TRAVELED WAY
F	FIXT. FIXTURE
FOR	FEEDER (OR BRANCH THEREOF)
FND	FOUNDATION
FUT.	FUTURE
G	GR/GRD GRADE/GROUND
H	HPS HIGH PRESSURE SODIUM LAMP
HWY	HIGHWAY
HT	HEIGHT
I	I.E.S. ILLUMINATING ENGG. SOCIETY
J.B.	JUNCTION BOX
K	
L	LT/LTG LIGHT/LIGHTING
M	MT/MTD/MTS MOUNT/MOUNTED/MOUNTING
N	N.I.C. NOT IN CONTRACT
NMR	NON-METALLIC RACEWAY
N.T.S.	NOT TO SCALE
PVC	POLYVINYL CHLORIDE CONDUIT
R	RCPT RECEPTACLE
RGS	RIGID GALVANIZED STEEL CONDUIT
S/B	SLIP BASE
STL	STEEL
SW	SWITCH
SCHED.	SCHEDULE
STD	STANDARD
T	TRANS. TRANSFORMER

ELECTRICAL SYMBOLS

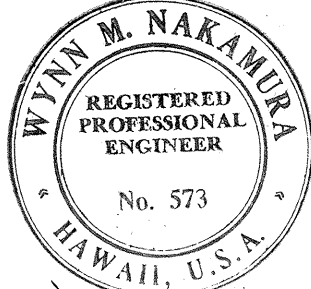
EXIST.	NEW	DESCRIPTION
	—○—	HWY. LT. ASSY. 250W HPS LUMINAIRE UNLESS NOTED OTHERWISE
—○—		NO CHANGE UNLESS NOTED OTHERWISE
—X—X—		REMOVE ASSY. & FOUNDATION
—○—○—		ASSY. w/ TWIN LUMINAIRE TO REMAIN
	—○—	FOUNDATION w/ ANCHOR BOLTS & RACEWAYS
	—○—	REPLACE FIXT. w/ 150W HPS ON EXST. POLE
	—○—	HWY. LT. ASSY. w/ 150W HPS, NEW FOUNDATION; REINSTALL POLE
	□	HANDHOLE, STATE HWY. DIV. TYP. TYPE "D"
	□	OPTIONAL REINF. PLASTIC MORTAR BOX w/ BOLTED COVER ACCEPTABLE
	■	HANDHOLE, STATE HWY. DIV. TYP. TYPE "C", DT401 STD.
	□	LARGE PVC WATERTIGHT J.B.
	---	2" C, RIGID GALV. STEEL
	--- ---	DIRECT BURIED PVC SCH'D. 40 OR ABS CONDUIT
	--- ---	CONC. ENCASED 2" CONDUIT
	--- ---	CONDUIT CONN. BETWEEN NEW & EXST.
	~S~	SECONDARY 3/8" #6 CU RINT TRIPLEX w/ GALV. STEEL MESSENGER
	~X~X~	EXISTING SECONDARY SERVICE, REMOVE
M-N-III		INDICATES FIXT. w/ I.E.S. MEDIUM NON-CUT OFF III
M-S-II		INDICATES FIXT. w/ I.E.S. MEDIUM SEMI-CUT OFF II
—A—		DENOTES DUCT SECTION "A"
		INDICATE
	1	1. POLE NUMBER
	2	2. POLE HT. FROM BASE TO ARM BRACKET
	3	3. TRUSS ARM BKT, LENGTH AS NOTED
	4	4. TRANS. BASE
	5	5. SLIP BASE
	6	6. WATTAGE, N250W HPS OR N400W HPS AS NOTED
	7	7. IES DISTRIB. ALL IES II UNLESS NOTED OTHERWISE.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FR-083-1(21)	1984	2	7

GENERAL NOTES

- FOR GROUNDING SYSTEM, PROVIDE 1# 6 TW GREEN BOND AMONG ALL LTG. STDS, PULL BOX, GRD. RODS, JUNCTION BOXES, METAL RACEWAYS FROM SVC.
- ALL PULL BOXES TO BE OUTBOARD FROM CURBS, GUARD RAILS & RETAINING WALLS, UNLESS OTHERWISE NOTED.
- DAMAGED HWY. LTG. SYSTEMS PARTS, HARDWARE & COMPONENTS SHALL BE REPLACED w/ NEW ITEMS AT NO COST TO THE STATE.
- STUB OUT: 2' PVC, 5 FT. LONG, TERMINATE w/ DUCT SEAL & BUSHING

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THIS WORK WAS PREPARED BY
THE CH. UNDER MY SUPERVISION

Wynn M. Nakamura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ELECTRICAL SYMBOLS
& GENERAL NOTES**

KAMEHAMEHA HIGHWAY, HWY. LIGHTS
CASTLE JUNCTION TOWARDS
HALEKOU INTERCHANGE
PROJECT NO. FR-083-1(21)