

EQUIPMENT SCHEDULE

THE HAWAII ELECTRIC LIGHT CO., INC., HAWAIIAN TELEPHONE CO., COMMUNITY ANTENNA TELEVISION & STREET LIGHTING PULLBOXES, HANDHOLES, TRANSFORMER PAD LOTS & SWITCHING EQUIPMENT PAD LOTS SHALL BE CONSTRUCTED BY THE CONTRACTOR AS SHOWN IN THESE DRAWINGS & IN ACCORDANCE WITH THE FOLLOWING STANDARD DRAWINGS:

DESCRIPTION

2' X 4' PRECAST CONCRETE PULLBOX WITH PRECAST CONCRETE COVER, PROVIDED IN ACCORDANCE WITH HELCO. STANDARD DRAWING No. 30-2005 WITH COVER IN ACCORDANCE WITH HELCO. STANDARD DRAWING NO. C-3154.

12" X 20" TYPE 436T PRECAST CONCRETE PULLBOX WITH CAST IRON COVER, PROVIDED IN ACCORDANCE WITH HTCO. STANDARD DRAWING NO. 34024.

24" X 32" TYPE "A" PRECAST CONCRETE PULLBOX WITH CAST IRON FRAME AND COVER, PROVIDED IN ACCORDANCE WITH DEPARTMENT OF TRANSPORTATION STANDARDS DRAWING NO. TE-41.

12" X 12" REINFORCED POLYMER CONCRETE PULLBOX WITH ONE-PIECE REINFORCED LOCKING POLYMER CONCRETE COVER WITH "TRAFFIC" INSCRIBED ON COVER.

17" X 30" REINFORCED POLYMER CONCRETE PULLBOX WITH ONE-PIECE REINFORCED LOCKING POLYMER CONCRETE COVER WITH "TRAFFIC" INSCRIBED ON COVER.

24" X 36" REINFORCED POLYMER CONCRETE PULLBOX WITH ONE-PIECE REINFORCED LOCKING POLYMER CONCRETE COVER WITH "TRAFFIC" INSCRIBED ON COVER.

4XG TYPE 4G REINFORCED CONCRETE HANDHOLE WITH PRECAST CONCRETE COVERS, PROVIDED IN ACCORDINANCE WITH HECO STANDARD DRAWING NO. 18843.

2 x 4 REINFORCED CONCRETE PULLBOX WITH TWO-PIECE CHECKERED STEEL COVERS, PROVIDED IN ACCORDINANCE WITH HTCO STANDARD DRAWING NO. 3405G.

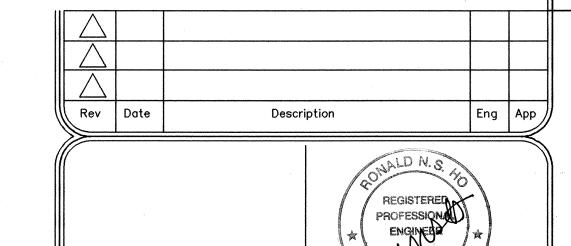
6' x 11' REINFORCED CONCRETE MANHOLE WITH CAST IRON FRAME AND COVER, PROVIDED IN ACCORDANCE WITH HELCO STANDARD DRAWING NO. 18775.

19"X 28" TYPE "B" PRECAST CONCRETE PULLBOX WITH MODIFIED (REINFORCED) CAST IRON FRAME AND COVER, PROVIDED IN ACCORDANCE WITH DEPARTMENT OF TRANSPORTATION STANDARD DRAWING NO. TE-41,

ELECTRICAL SYMBOLS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
\triangleright	STREET LIGHT, LPS LUMINAIRE, WATTAGE AS INDICATED,		STUB, CAP & MARK CONDUIT WITH CONCRETE MARKER
	POLE & BRACKET ARM, SEE DETAIL A/E-16		
			ELEC/SIGNAL/DUCTLINE DESIGNATORS; INDICATES
		B (3E)	TYPE "B" DUCT SECTION WITH TYPE "3E" DUCT,
O	EXST. STREET LIGHT	<u> </u>	SEE SCHEDULE, SHEET E-12
		&	EXST. TRAFFIC SIGNAL CONDUIT & WIRING
		е	EXST. CONDUIT & WIRING
		l	EXST. STREET LIGHT CONDUIT & WIRING
į		SL	STREET LIGHT DUCTS & CABLES
		TS	TRAFFIC SIGNAL DUCTLINE & WIRING
		L	STATE STREET LIGHT DUCTS & WIRING
0	HELCO G' x 11' MANHOLE		
	HELCO 4'X 6' HANDHOLE	— e/OH—	EXST. OVERHEAD CABLES
×	HELCO 2' X 4' PULLBOX	— t/OH—	EXST. OVERHEAD SIGNAL CABLES
		—Е/ОН—	OVERHEAD CABLES BY UTILITIES UNLESS INDICATED
	HTCO 2' x 4' PULLBOX		OTHERWISE
	STATE STREET LIGHT 24" X 32" PULLBOX WITH MODIFIED	- * e/UH- *	EXST. OVERHEAD CABLES TO BE REMOVED BY
	COVER, SEE SHEET E-2		RESPECTIVE UTILITY CO. UNLESS INDICATED OTHERWISE
	STATE STREET LIGHT 24" X 32" PULLBOX, SEE SHT E-2		
[23	EXST. PULLBOX OR HANDHOLE, SEE PLAN FOR SIZE	Ø,	EXST. UTILITY POLE TO BE REMOVED BY HELCO UNLESS
	TRAFFIC SIGNAL 12" X 12" PULLBOX	7/	INDICATED OTHERWISE
	TRAFFIC SIGNAL 17" X 30" PULLBOX	0	UTILITY POLE PROVIDED BY HELCO UNLESS INDICATED
	TRAFFIC SIGNAL 24" X 36" PULLBOX	<u> </u>	OTHERWISE
	TRAFFIC SIGNAL 19" X 28" PULLBOX WITH MODIFIED COVER	0	EXST. UTILITY POLE
		~~ e/OH~~	EXST OVERHEAD SERVICE DROP CABLES
			EXST OVERHEAD SERVICE DROP CABLES TO BE
			REMOVED BY RESPECTIVE UTILITY CO.
		~~ E/OH~~	OVERHEAD SERVICE DROP CABLES BY RESPECTIVE UTILITY CO
	,		
		<u></u>	STREET LIGHTING DESIGNATOR
		1 25+60	1 = STATION NUMBER
S	CONCRETE STUB-UP MARKER, SEE DETAIL B /E-12	2 2	2 = STREET LIGHT NUMBER PER STATE
1	NOTE DESIGNATOR, SEE SHEET	3 LN135	3 = LAMP WATTAGE, INDICATES 135W LPS
		4 15	4 = BRACKET ARM IN FEET
M	METER EQUIPMENT & ENCLOSURE, SEE DETAIL A/E-17		5 = IES DISTRIBUTION
	TRAFFIC SIGNAL CONTROLLER & CABINET	6 1	6 = CIRCUIT NO.
		7 30'0/5LT	7 = OFFSET FROM BASELINE

SYMBOL NOTES:

- I. SEE SHEET E-10 FOR TRAFFIC SIGNAL SYMBOLS
- 2. ABBREVIATIONS FOR UTILITY POLE: JP = JOINT POLE TP = TELEPHONE POLE



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MAKALAPUA QUEEN KAAHUMANU HIGHWAY AND MAKALAPUA BLVD. INTERSECTION VICINITY MAP, LOCATION MAP, EQUIPMENT SCHEDULE, ELECTRICAL SYMBOLS

Drawn By: GN
Date: OCTOBER 1993 Designed By: SI Project No. 333.5000 309 HAWAIIAN TELEPHONE COMPAN

30 SHEET <u>E-1</u> of <u>46</u> Sheets