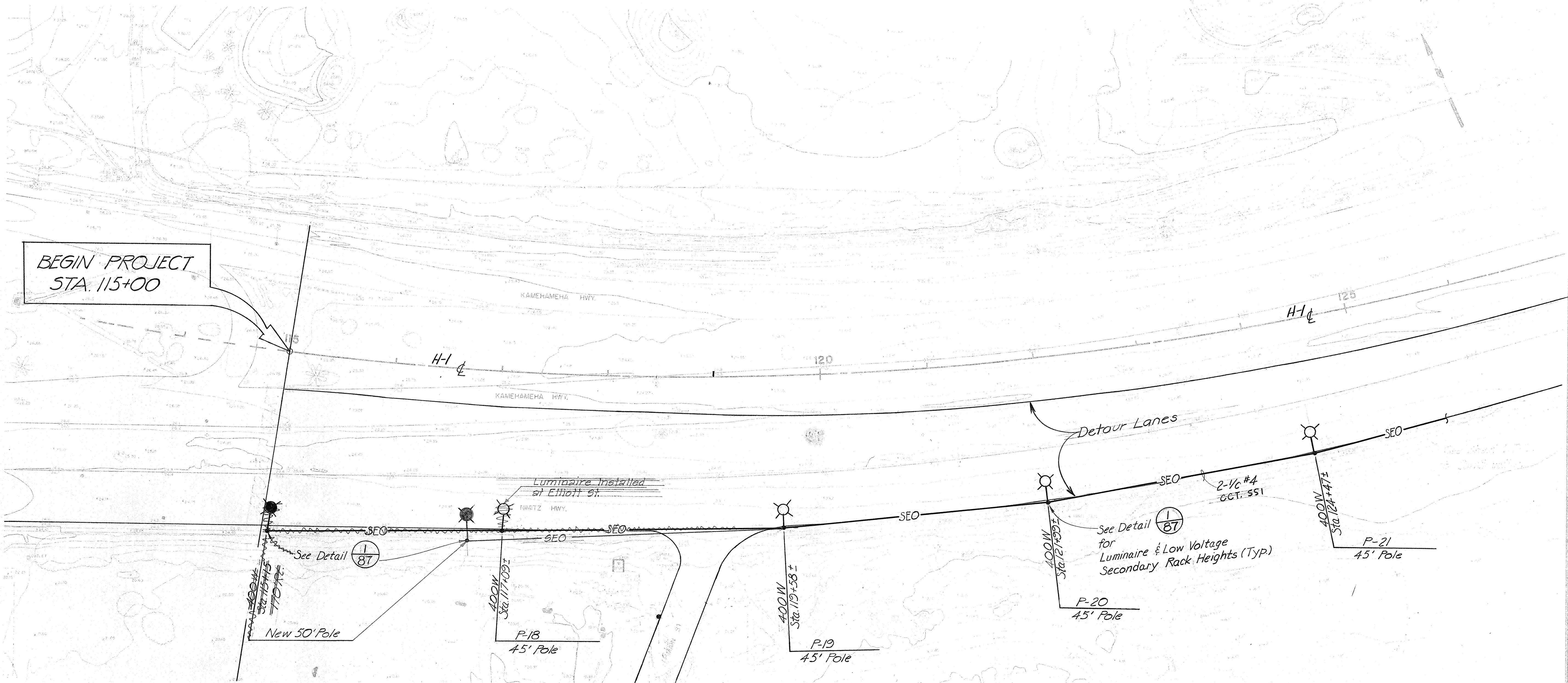


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(118)16	1975	80	209



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

LEGEND

- EXISTING UTILITY POLE IN PLACE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE
- NEW OR RELOCATED POLE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE
- SEO SECONDARY ELECTRIC CIRCUIT, OVERHEAD (LOCATED ON LOW-VOLTAGE SECONDARY RACK)
- AC SECONDARY AERIAL CABLES WITH MESSENGER
- UG UNDERGROUND CONDUIT
- NEW POLE MOUNTED TRANSFORMER
- EXISTING UTILITY POLE TO BE MOVED

Note: Check Utility Line Locations Before Placing Poles.

EARL ROBERT ALLEN
REGISTERED PROFESSIONAL ENGINEER
No. 3613
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR LIGHTING
CONSTRUCTION PHASE IV&V

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(118)16

SCALE: 1"=50' DATE: JUNE 15, 1974

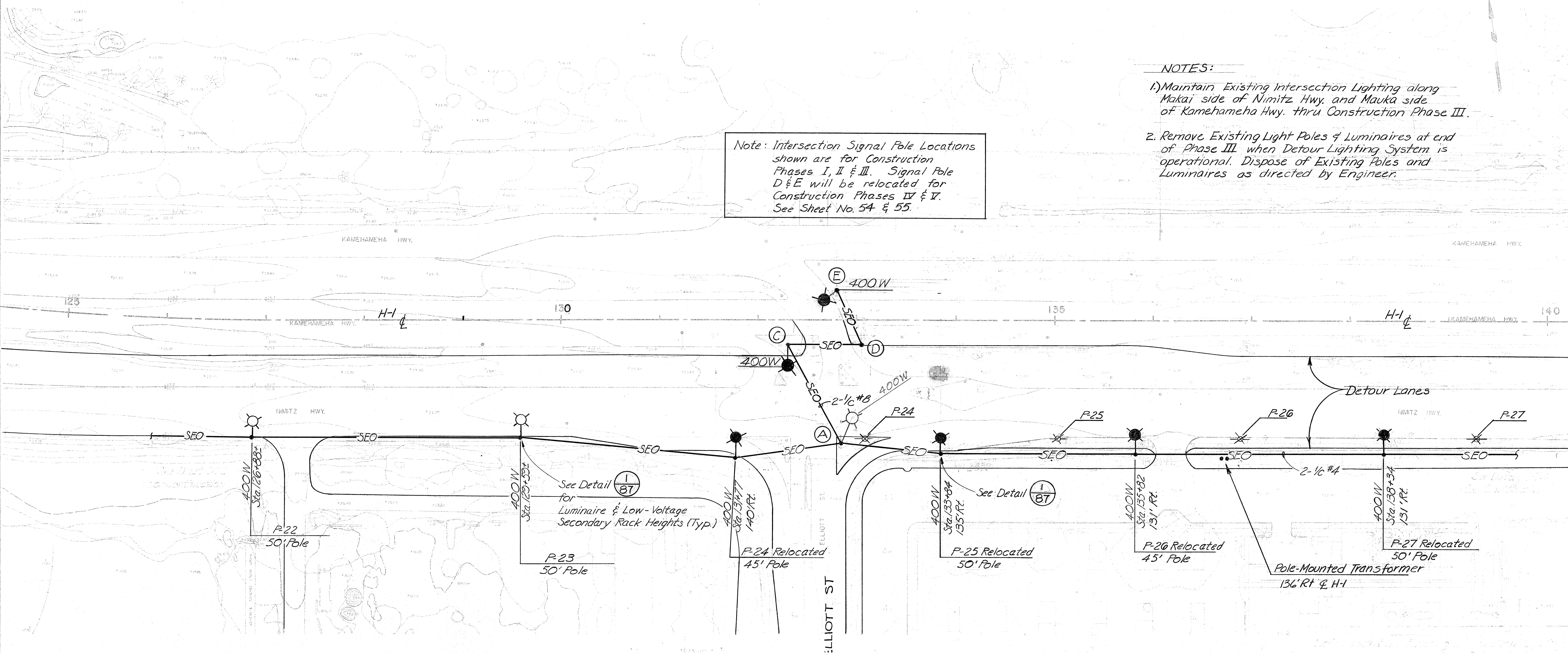
SHEET No. 1 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(118)6	1975	81	209

NOTES:

- 1.) Maintain Existing Intersection Lighting along Makai side of Nimitz Hwy. and Mauka side of Kamehameha Hwy. thru Construction Phase III.
2. Remove Existing Light Poles & Luminaires at end of Phase III when Detour Lighting System is operational. Dispose of Existing Poles and Luminaires as directed by Engineer.

Note: Intersection Signal Pole Locations shown are for Construction Phases I, II & III. Signal Pole D & E will be relocated for Construction Phases IV & V. See Sheet No. 54 & 55.



LEGEND

EXISTING UTILITY POLE IN PLACE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE

NEW OR RELOCATED POLE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE

SEO— SECONDARY ELECTRIC CIRCUIT, OVERHEAD (LOCATED ON LOW-VOLTAGE SECONDARY RACK)

—AC— SECONDARY AERIAL CABLES WITH MESSENGER

—UG— UNDERGROUND CONDUIT

▶ NEW POLE MOUNTED TRANSFORMER

✕ EXISTING UTILITY POLE TO BE MOVED

Note: Check Utility Line Locations Before Placing Poles

EARL ROBERT ALLEN

REGISTERED PROFESSIONAL ENGINEER

No. 3613

HAWAII U.S.A.

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STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAY DIVISION

DETOUR LIGHTING

CONSTRUCTION PHASE IV&V

AIRPORT INTERCHANGE

F.A.I. PROJ. NO. I-HI-1(118)6

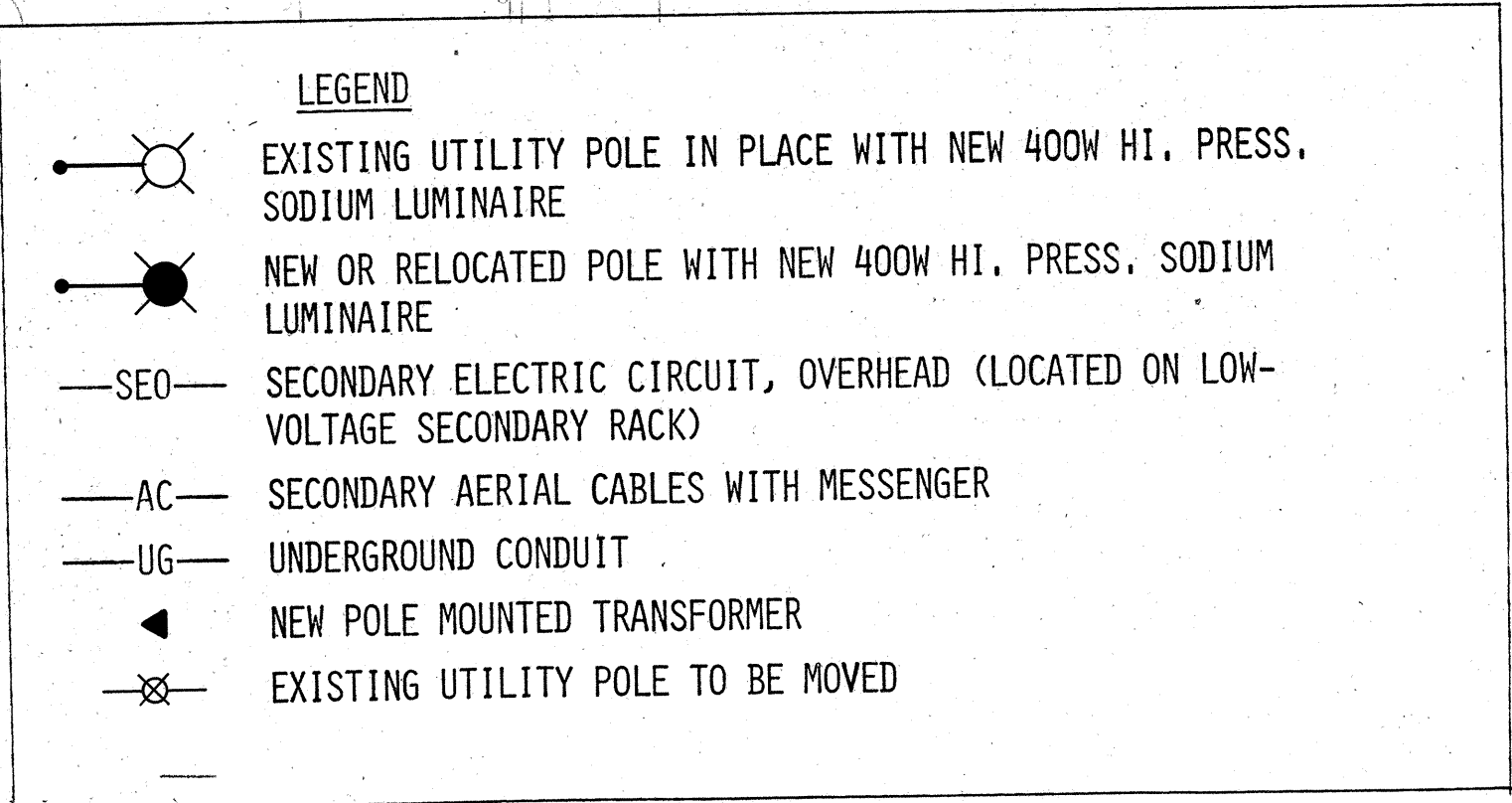
SCALE: 1"=50'

DATE: JUNE 15, 1974

SHEET No. 2 OF 9 SHEETS

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	

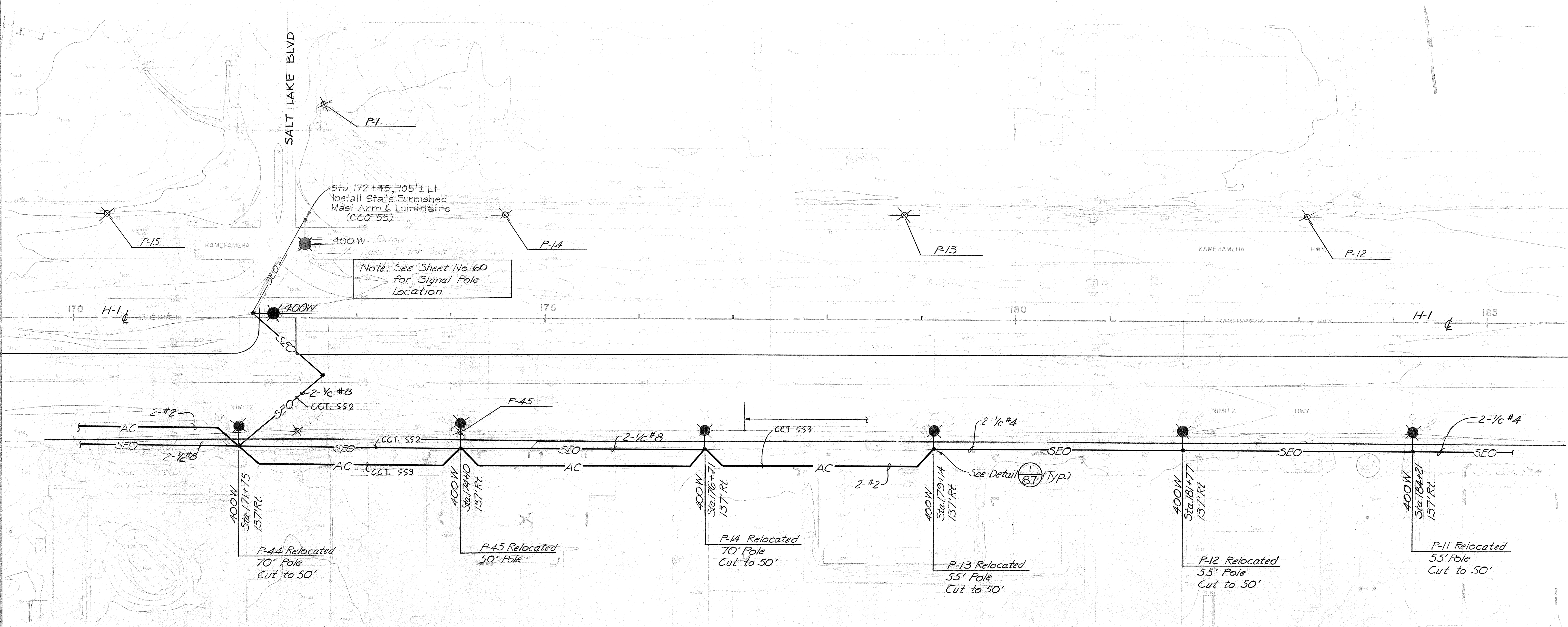
PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
NO			



Note: Check Utility Line Locations Before Placing Poles

82

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-111816	1975	84	209



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
NOTED BY	
DATE	

LEGEND

EXISTING UTILITY POLE IN PLACE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE

NEW OR RELOCATED POLE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE

SEO SECONDARY ELECTRIC CIRCUIT, OVERHEAD (LOCATED ON LOW-VOLTAGE SECONDARY RACK)

AC SECONDARY AERIAL CABLES WITH MESSENGER

UG UNDERGROUND CONDUIT

NEW POLE MOUNTED TRANSFORMER

EXISTING UTILITY POLE TO BE MOVED



Eric R. Allen
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Note: Check Utility Line Locations
 Before Placing Poles

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

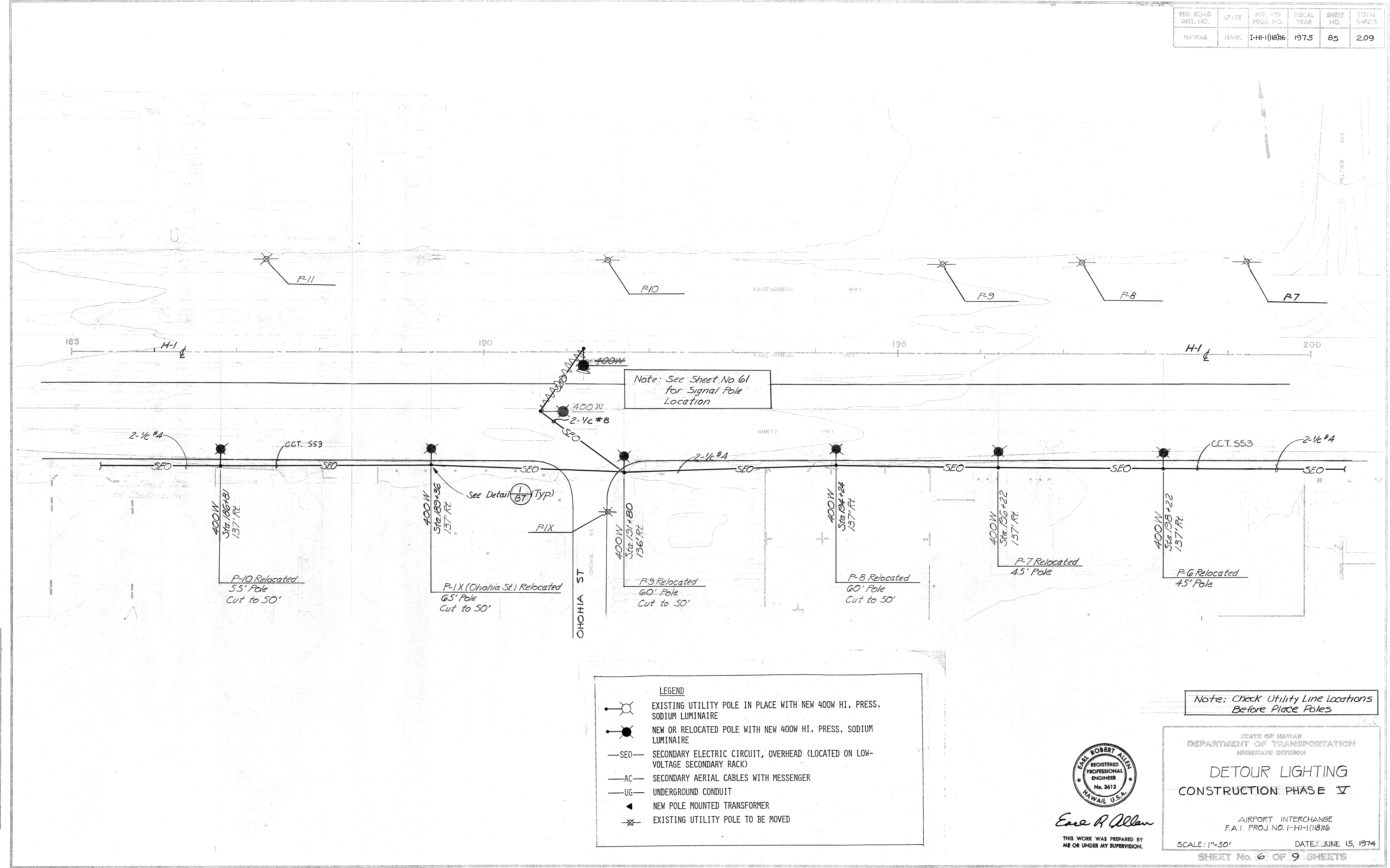
DETOUR LIGHTING
 CONSTRUCTION PHASE V

AIRPORT INTERCHANGE
 F.A.I. PROJ. NO. I-H-111816

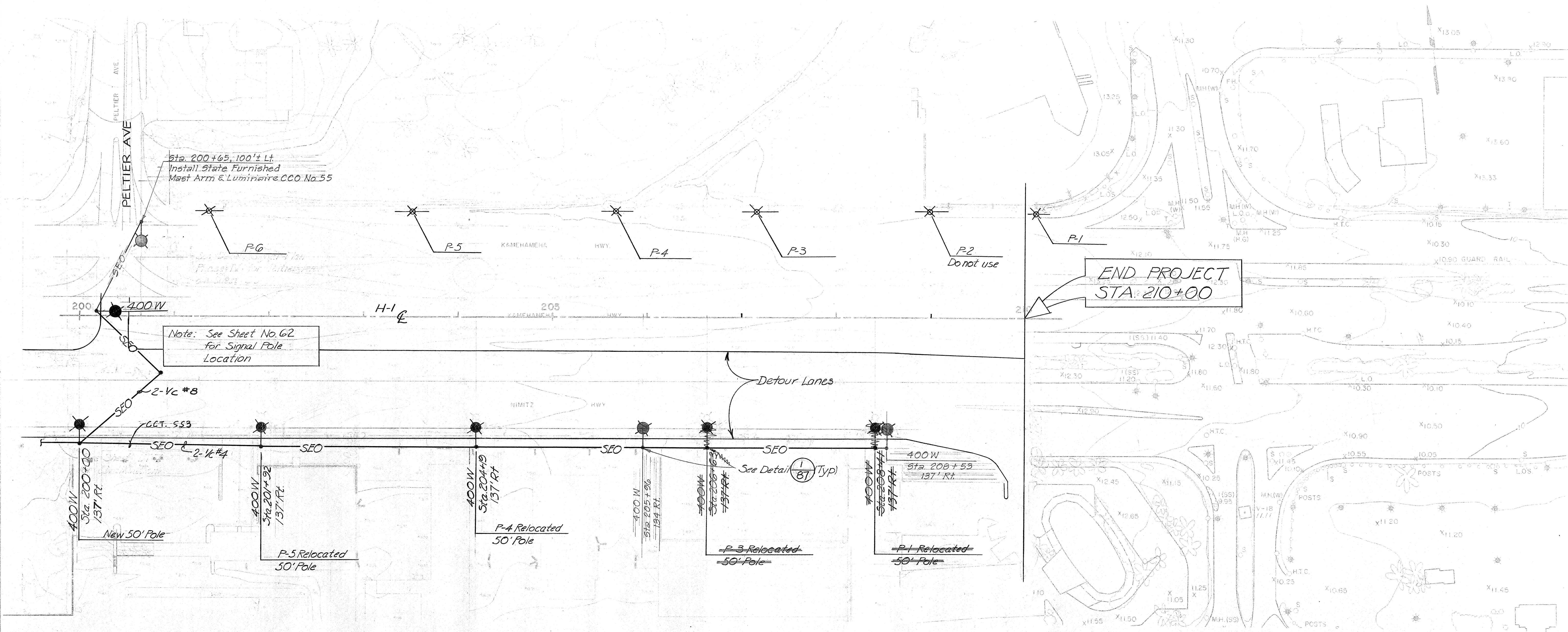
SCALE: 1"=50'
 DATE: JUNE 15, 1974
 SHEET No. 5 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(118)16	1975	85	209

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
DATE	



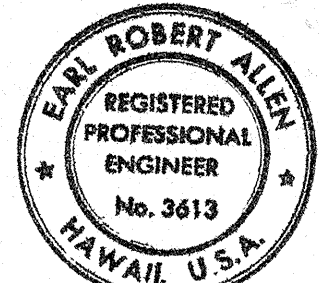
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(118)16	1975	86	209



DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
APPROVED BY	
REVISIONS	
1	
2	
3	
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7	
8	
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10	

LEGEND	
	EXISTING UTILITY POLE IN PLACE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE
	NEW OR RELOCATED POLE WITH NEW 400W HI. PRESS. SODIUM LUMINAIRE
	SECONDARY ELECTRIC CIRCUIT, OVERHEAD (LOCATED ON LOW-VOLTAGE SECONDARY RACK)
	SECONDARY AERIAL CABLES WITH MESSENGER
	UNDERGROUND CONDUIT
	NEW POLE MOUNTED TRANSFORMER
	EXISTING UTILITY POLE TO BE MOVED

Note: Check Utility Line Locations Before Placing Poles



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

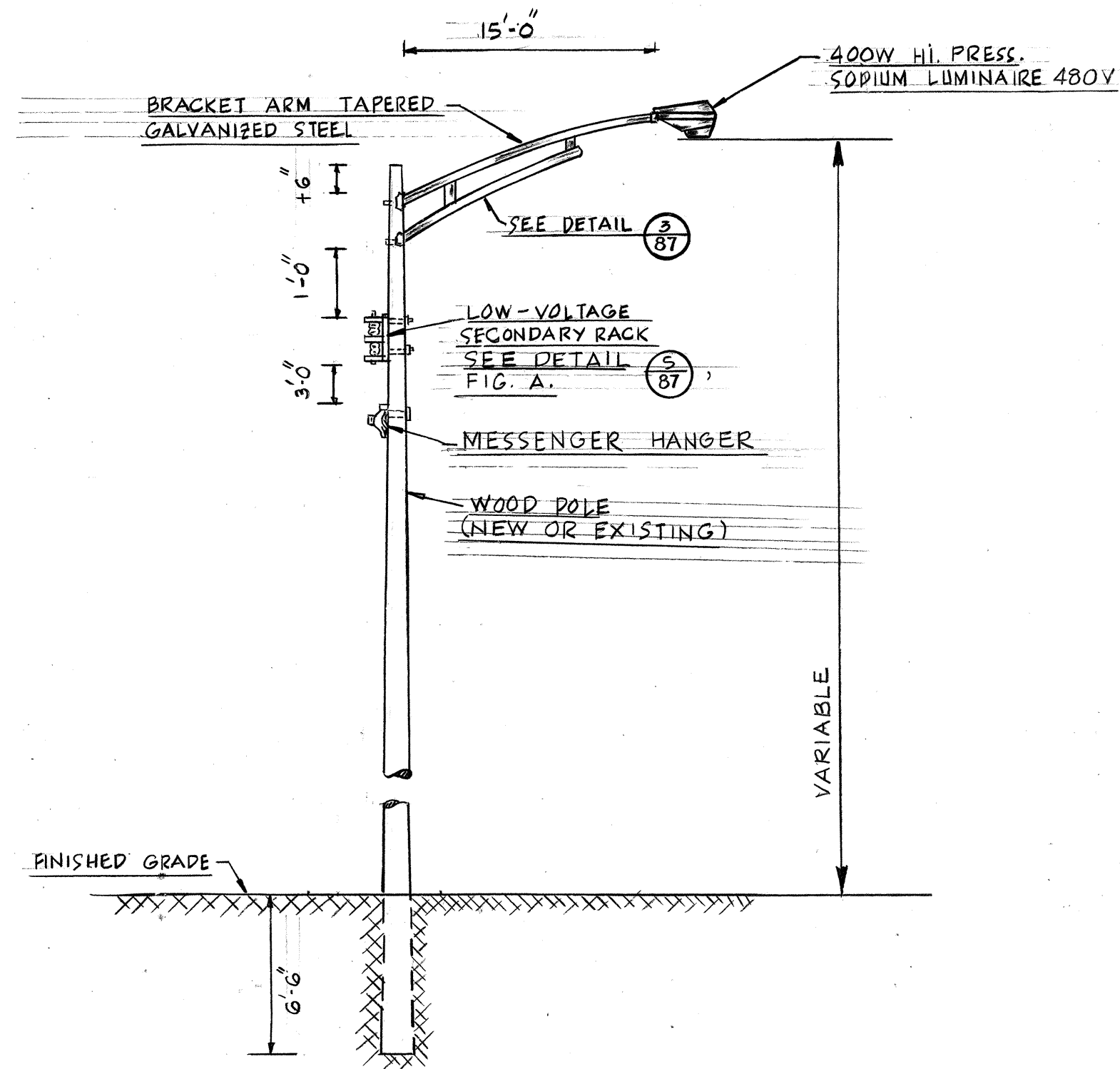
DETOUR LIGHTING
CONSTRUCTION PHASE II

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(118)16

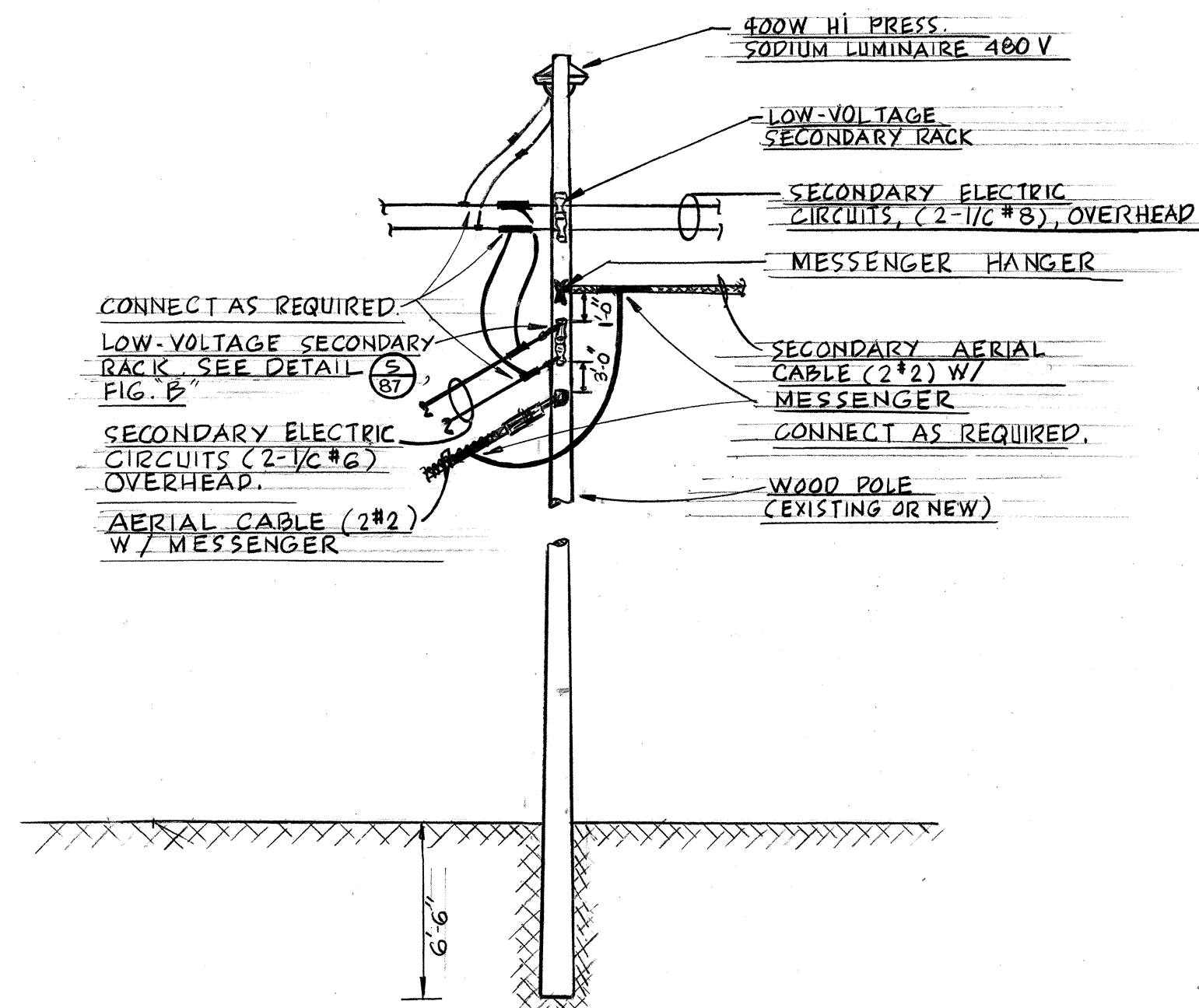
SCALE: 1"=50' DATE: JUNE 15, 1974

SHEET NO. 7 OF 9 SHEETS

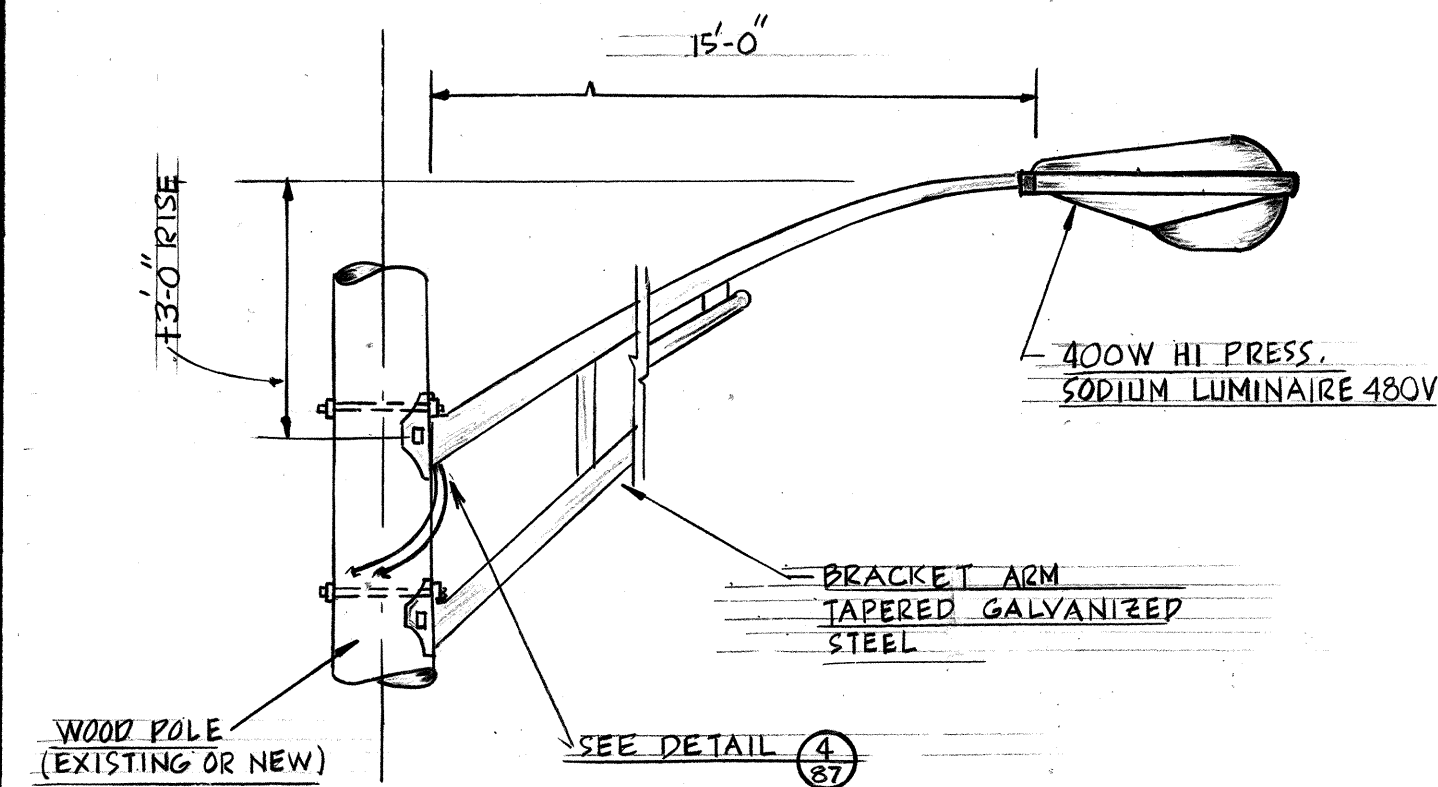
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-F18(16)	1975	88	209



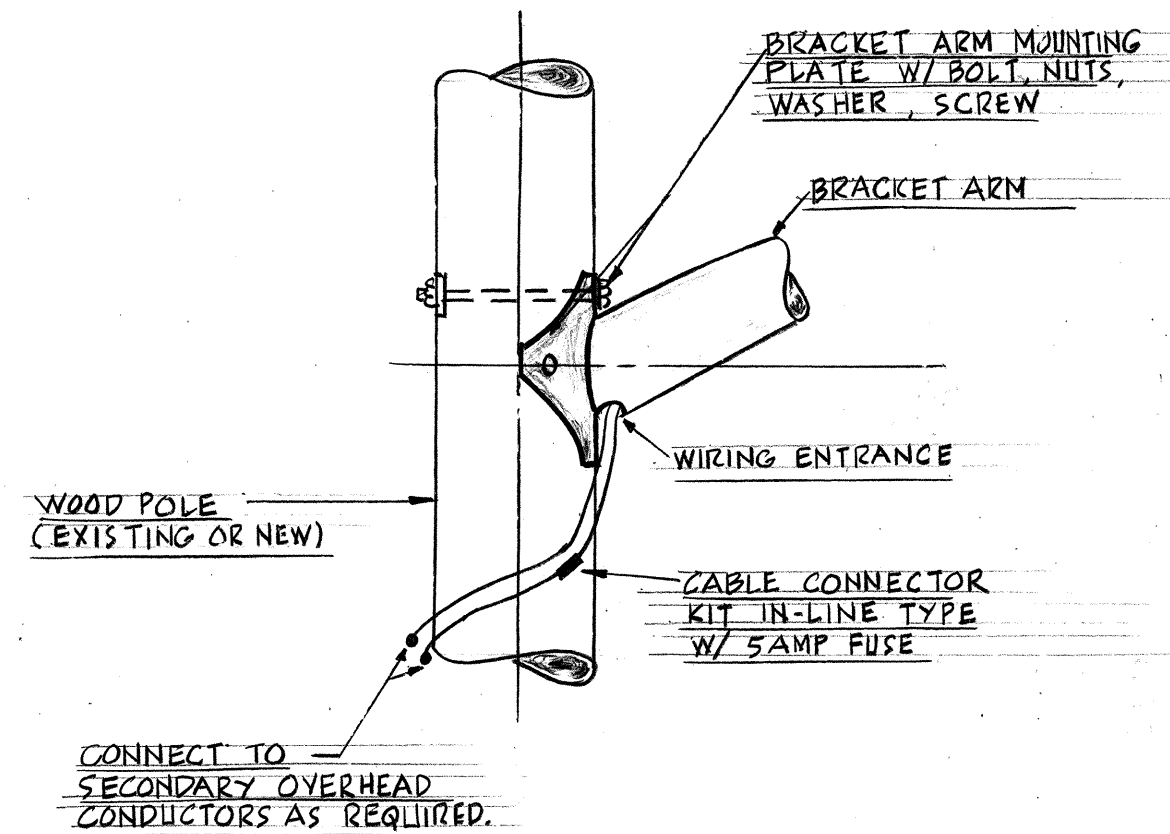
WOOD POLE DETAIL (1/87) NTS.



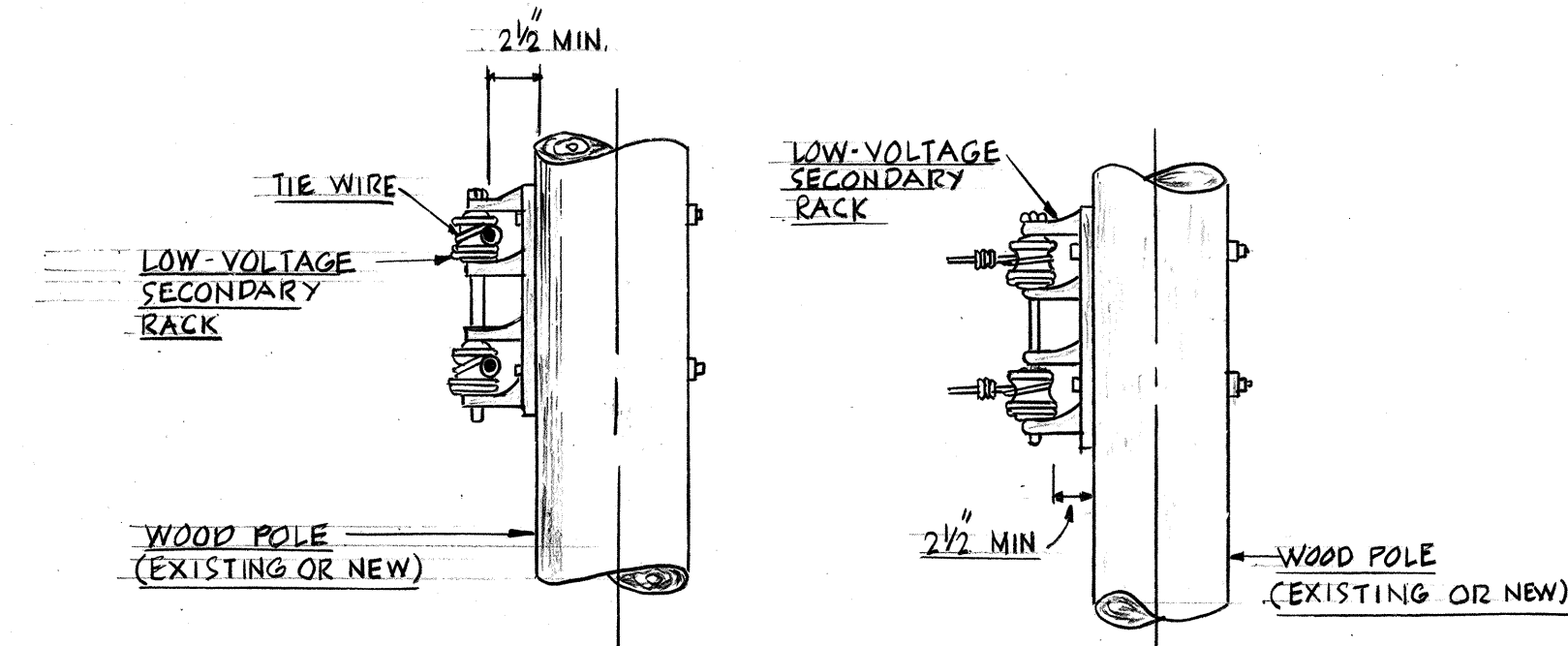
SECONDARY SERVICE - POLE DETAIL (2/87) NTS.



TEMPORARY LIGHTING DETAIL (3/87) NTS.



BRACKET ARM DETAIL (4/87) NTS.



LOW-VOLTAGE SECONDARY RACK DETAIL (5/87) NTS.

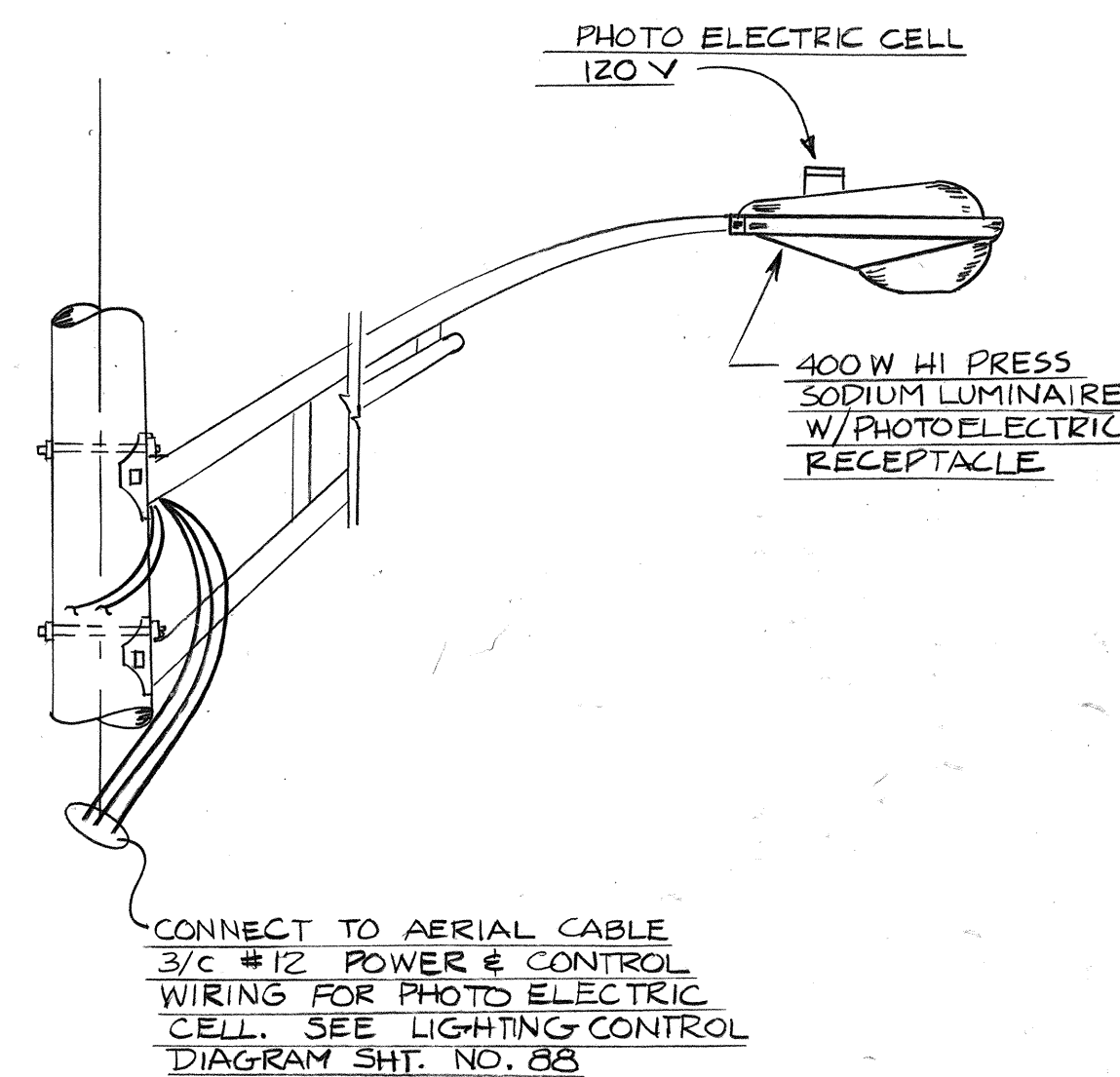
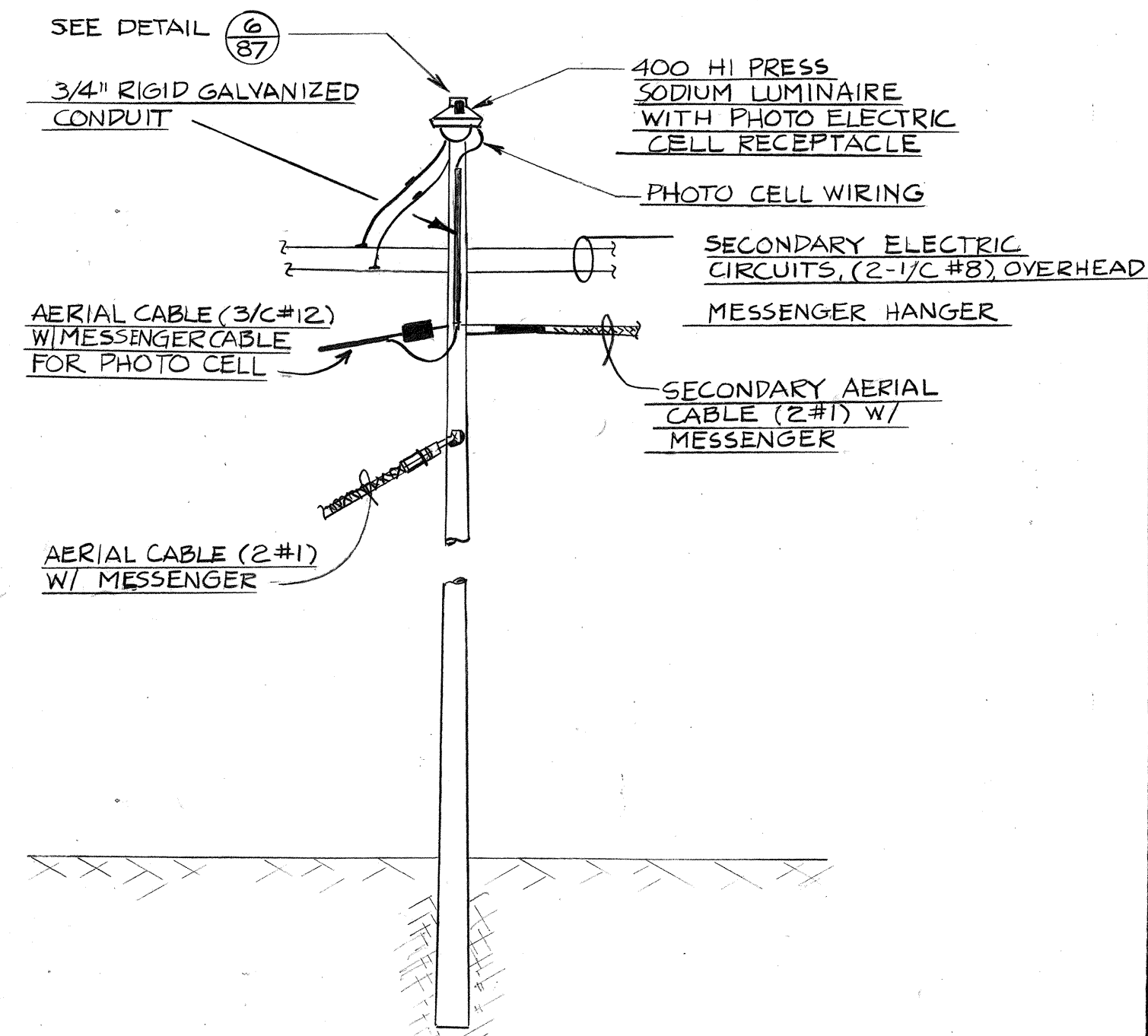
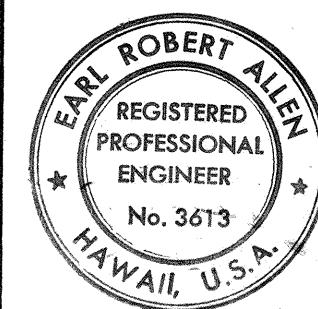


PHOTO CELL PLACEMENT (6/87) NTS.



SERVICE POLE - STA. 167+05 (7/87) NTS.



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Earl R. Allen
 Signature

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DETOUR LIGHTING DETAILS

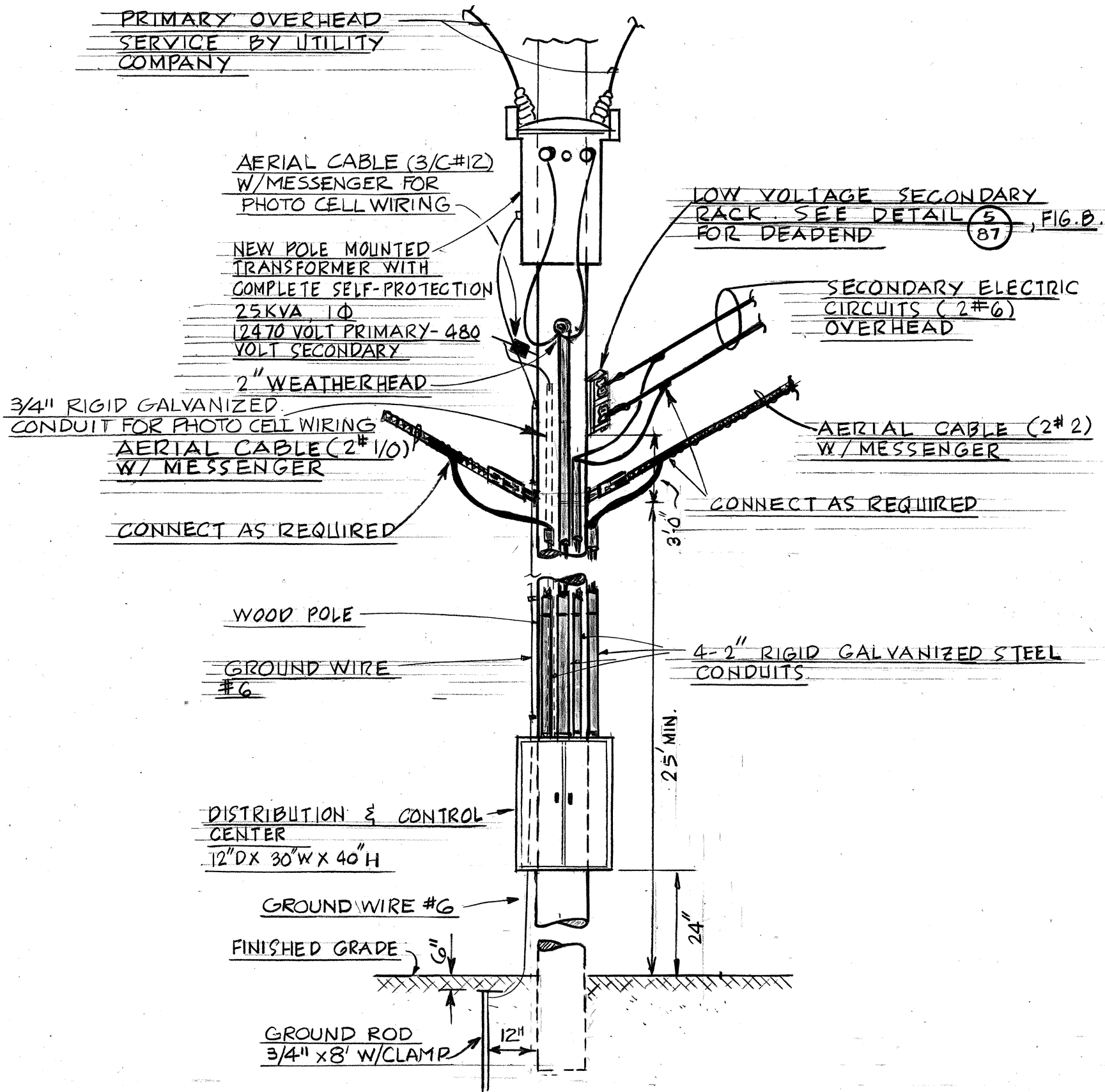
AIRPORT INTERCHANGE
 F.A.T. PROJ. NO. I-HI-F18(16)

SCALE: AS SHOWN DATE: JUNE 15, 74

SHEET No. 8 OF 9 SHEETS

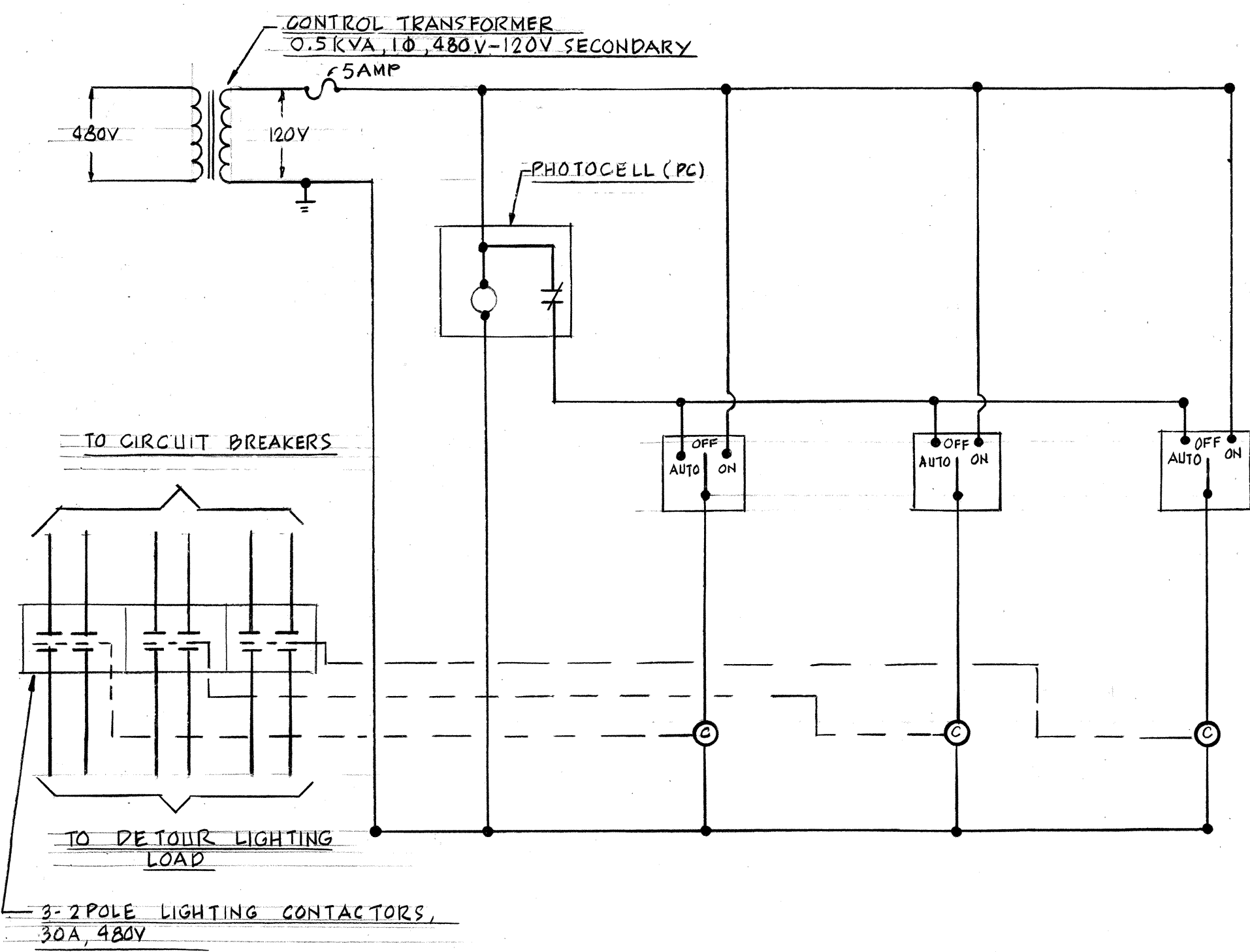
ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(118)16	1975	87	209



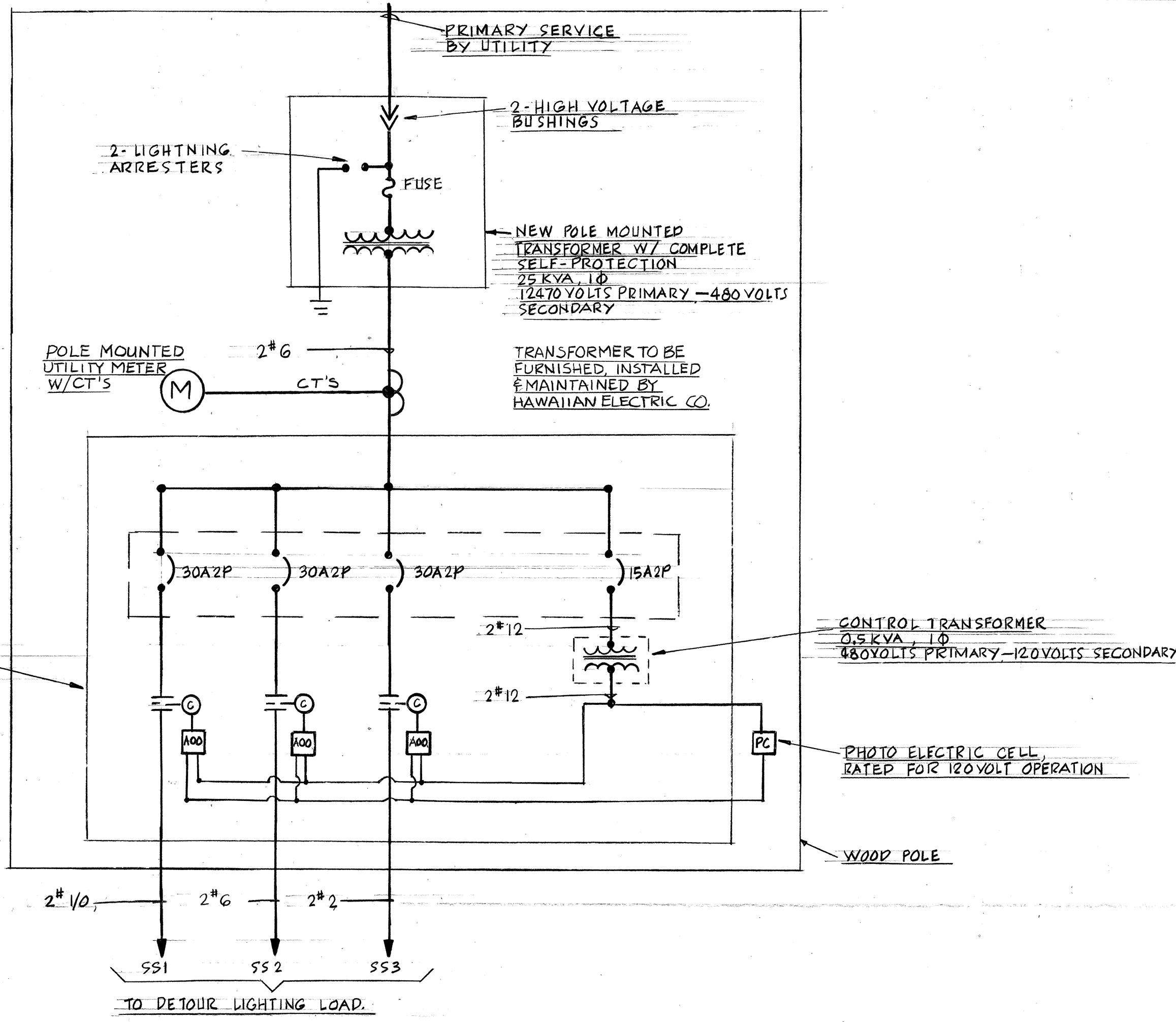
SUB-STATION DETAIL
NTS

- NOTES: 1. LOCATE UTILITY METER AT +6'-0" ABOVE GRADE ON POLE.
2. SEE ELECTRICAL-ONE LINE DIAGRAM ON THIS SHEET.



LIGHTING CONTROL WIRING DIAGRAM

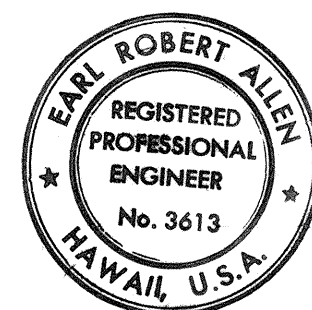
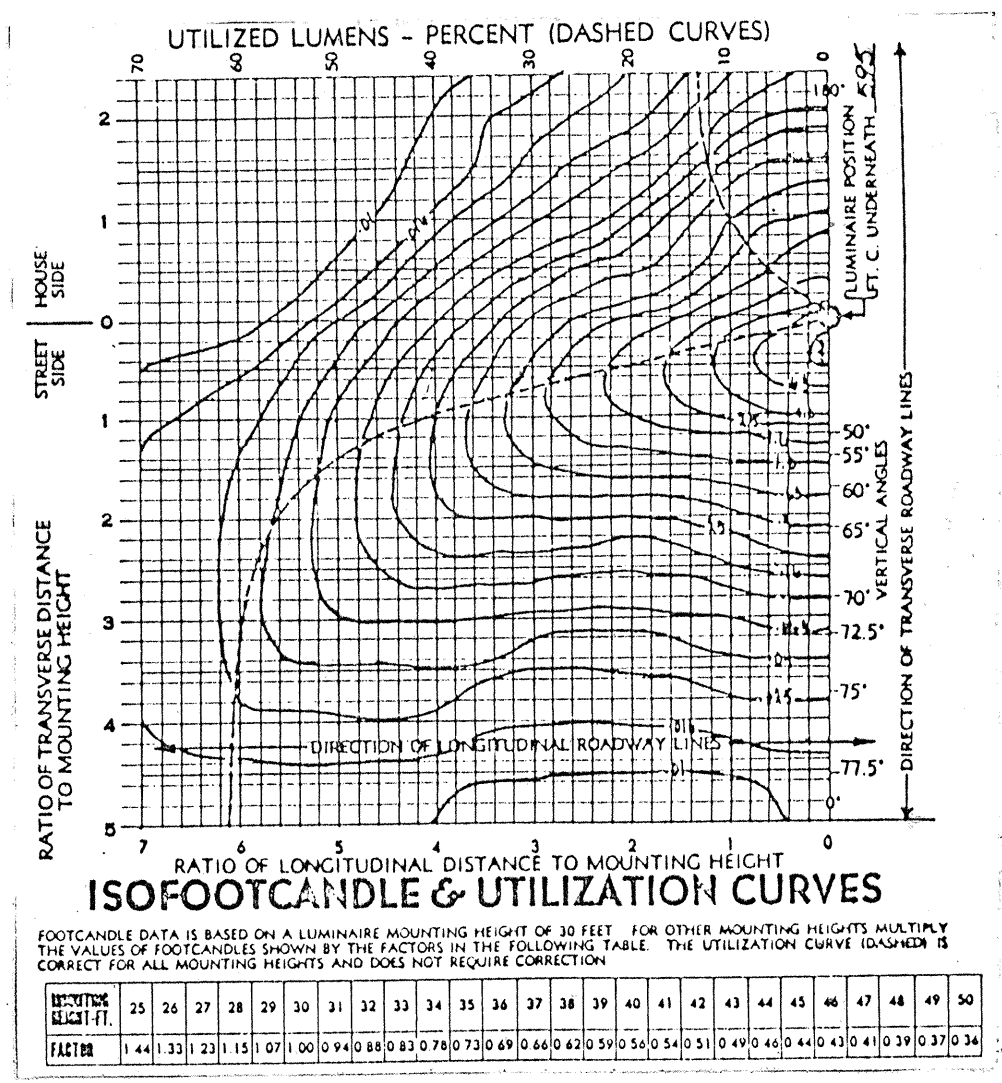
NOTE: SEE ELECTRICAL-ONE LINE DIAGRAM ON THIS SHEET.



ELECTRICAL-ONE LINE DIAGRAM

NOTE: SEE LIGHTING CONTROL WIRING DIAGRAM ON THIS SHEET.

LAMP- 400 WATT LUCALOX



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ME OR UNDER MY SUPERVISION
Earl R. Allen
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR LIGHTING DETAILS

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(118)16

SCALE: AS SHOWN DATE: JUNE 15, 1974