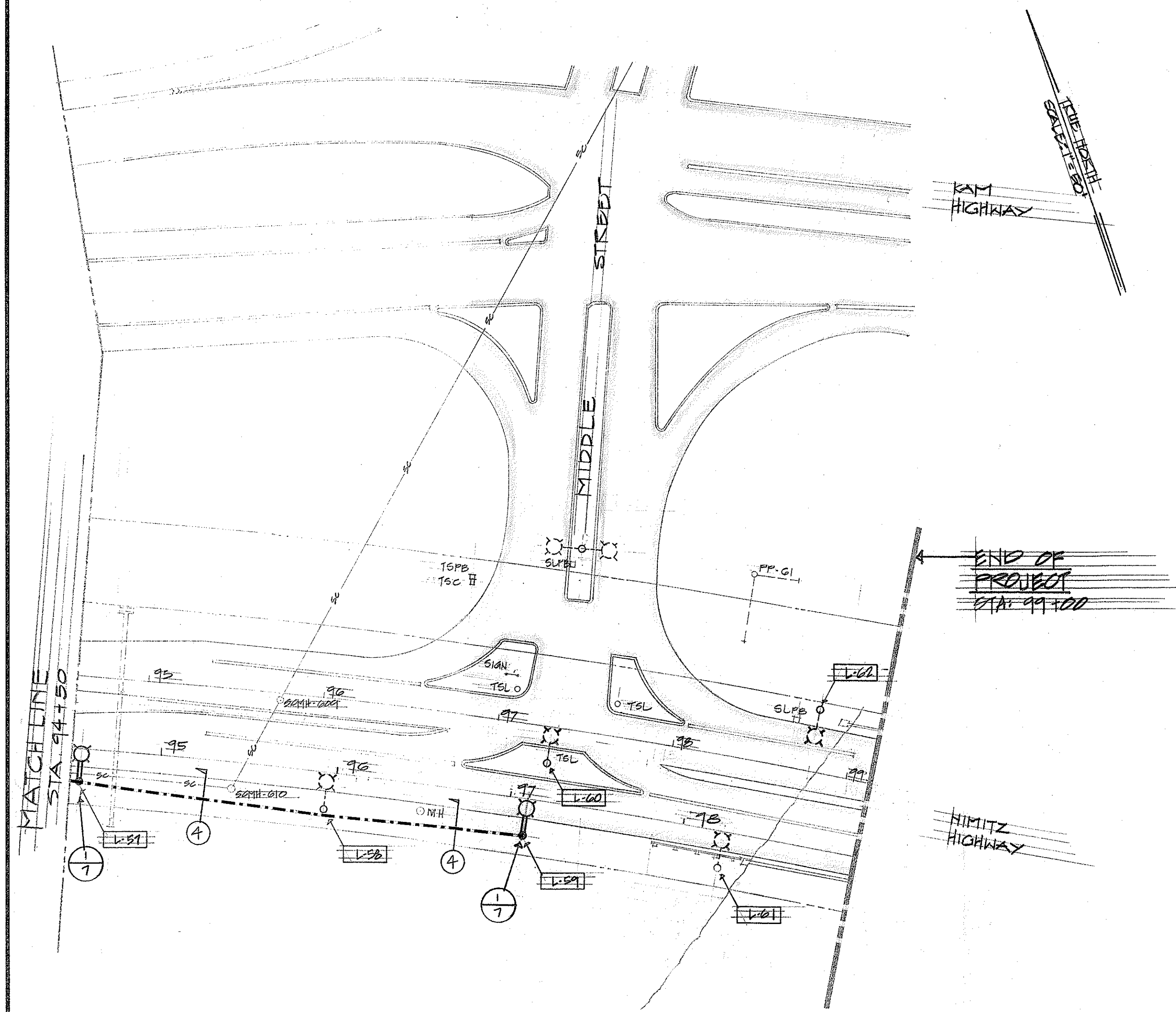


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.				



1 PARTIAL STREET LIGHTING PLAN
6 STA. 94+50 TO STA. 99+00 (END OF PROJECT)

NOTE:
SEE DETAIL SECTIONS
ON SHEET 7, DETAIL 3

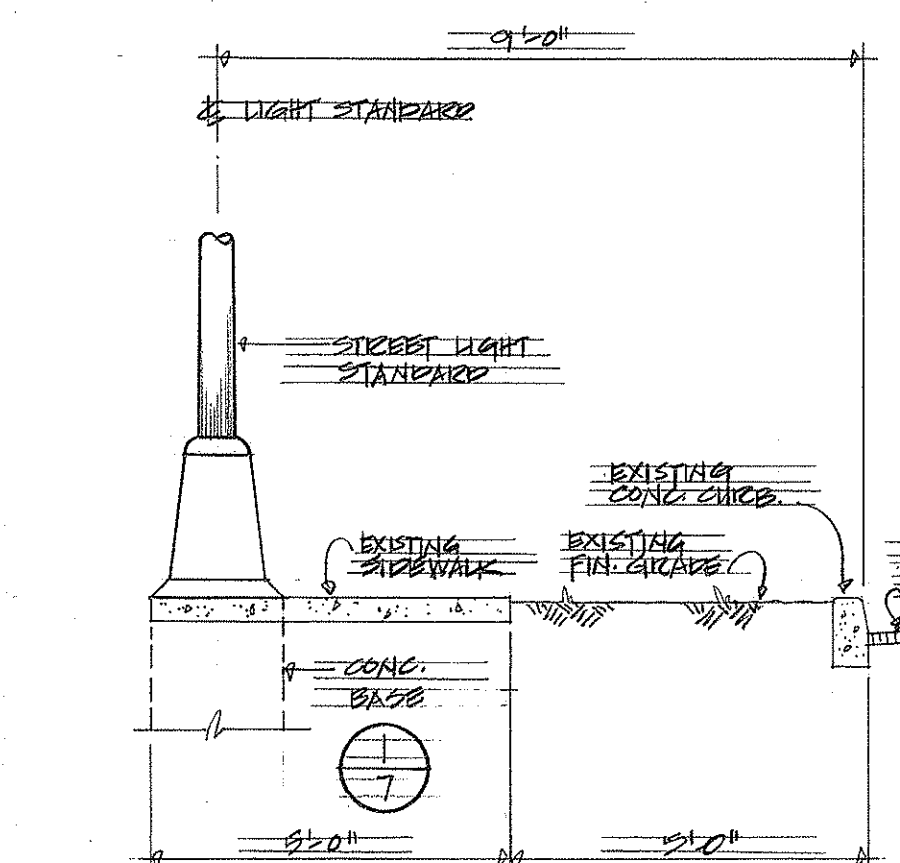
STREET LIGHTING POLE and LUMINAIRE SCHEDULE

LIGHT NO. ON PLAN	POLE LOCATION BY STATION	OFFSET FROM PAVEMENT	LUMINAIRE MOUNTING HEIGHT	MOUNTING ARM DETAIL	ARM LENGTH	LAMP WATTAGE	IES REFRACTOR TYPE	REMARKS	LIGHT NO. ON PLAN	POLE LOCATION BY STATION	OFFSET FROM PAVEMENT	LUMINAIRE MOUNTING HEIGHT	MOUNTING ARM DETAIL	ARM LENGTH	LAMP WATTAGE	IES REFRACTOR TYPE	REMARKS
L-1	-24+58	-	-	-	-	-	-	EXISTING STREET LIGHT STANDARD	L-35	58+70	2'	38'-0"	1	12'-0"	1000W	III	
L-2	-21+58	-	-	-	-	-	-	EXISTING STREET LIGHT STANDARD	L-36	61+20	2'	38'-0"	1	12'-0"	1000W	III	
L-3	-19+60	-	38'-0"	7	4'-0"	1000W	III	SEE NOTE NO. 1 BELOW	L-37	63+68	2'	38'-0"	1	12'-0"	1000W	III	
L-4	-17+40	-	-	-	-	-	-	SEE NOTE NO. 1 BELOW	L-38	65+90	-	-	-	-	-	-	
L-5	-15+30	-	-	-	-	-	-	SEE NOTE NO. 1 BELOW	L-39	68+20	-	-	-	-	-	-	
L-6	-12+80	-	-	-	-	-	-	SEE NOTE NO. 1 BELOW	L-40	70+55	2'	38'-0"	1	12'-0"	1000W	III	
L-7	-10+25	-	-	-	-	-	-		L-41	72+90	-	-	-	-	-	-	
L-8	-7+80	-	-	-	-	-	-		L-42	72+94	-	-	-	-	-	-	
L-9	-5+25	-	-	-	-	-	-		L-43	75+55	-	-	-	-	-	-	
L-10	-2+60	-	-	-	-	-	-		L-44	78+60	-	-	-	-	-	-	
L-11	0+05	-	-	-	-	-	-		L-45	78+80	-	-	-	-	-	-	
L-12	2+80	-	-	-	-	-	-		L-46	78+20	-	-	-	-	-	-	
L-13	4+60	-	-	-	-	-	-		L-47	80+55	-	-	-	-	-	-	
L-14	7+05	-	-	-	-	-	-		L-48	80+58	-	-	-	-	-	-	
L-15	9+55	-	-	-	-	-	-		L-49	83+85	2'	38'-0"	1	12'-0"	1000W	III	
L-16	11+30	4	38'-0"	7	12'-0"	-	-	SEE NOTE NO. 2 BELOW	L-50	85+85	2'	38'-0"	1	12'-0"	1000W	III	
L-17	13+00	4	38'-0"	7	12'-0"	-	-	SEE NOTE NO. 2 BELOW	L-51	87+75	2'	38'-0"	1	12'-0"	1000W	III	
L-18	15+60	4	38'-0"	7	4'-0"	-	-	SEE NOTE NO. 1 BELOW	L-52	89+70	2'	38'-0"	1	12'-0"	1000W	III	
L-19	17+80	2	38'-0"	7	12'-0"	-	-	SEE NOTE NO. 3 BELOW	L-53	91+60	-	-	-	-	-	-	
L-20	20+85	-	-	-	-	-	-		L-54	91+85	-	-	-	-	-	-	EXISTING STREET LIGHT STANDARD
L-21	23+05	-	-	-	-	-	-		L-55	93+85	-	-	-	-	-	-	
L-22	25+75	-	-	-	-	-	-		L-56	94+55	-	-	-	-	-	-	
L-23	28+45	-	-	-	-	-	-		L-57	94+55	2'	38'-0"	1	12'-0"	1000W	III	
L-24	31+10	-	-	-	-	-	-		L-58	95+95	-	-	-	-	-	-	EXISTING STREET LIGHT STANDARD
L-25	33+70	-	-	-	-	-	-		L-59	97+10	2'	38'-0"	1	12'-0"	1000W	III	
L-26	36+00	4	38'-0"	7	-	-	-		L-60	97+30	-	-	-	-	-	-	EXISTING STREET LIGHT STANDARD
L-27	38+75	2	38'-0"	7	-	-	-		L-61	98+25	-	-	-	-	-	-	
L-28	41+35	-	-	-	-	-	-		L-62	98+80	-	-	-	-	-	-	
L-29	43+00	-	-	-	-	-	-										
L-30	46+70	-	-	-	-	-	-										
L-31	49+30	-	-	-	-	-	-										
L-32	52+10	-	-	-	-	-	-										
L-33	54+30	-	-	-	-	-	-										
L-34	56+70	4	38'-0"	7	-	-	-										

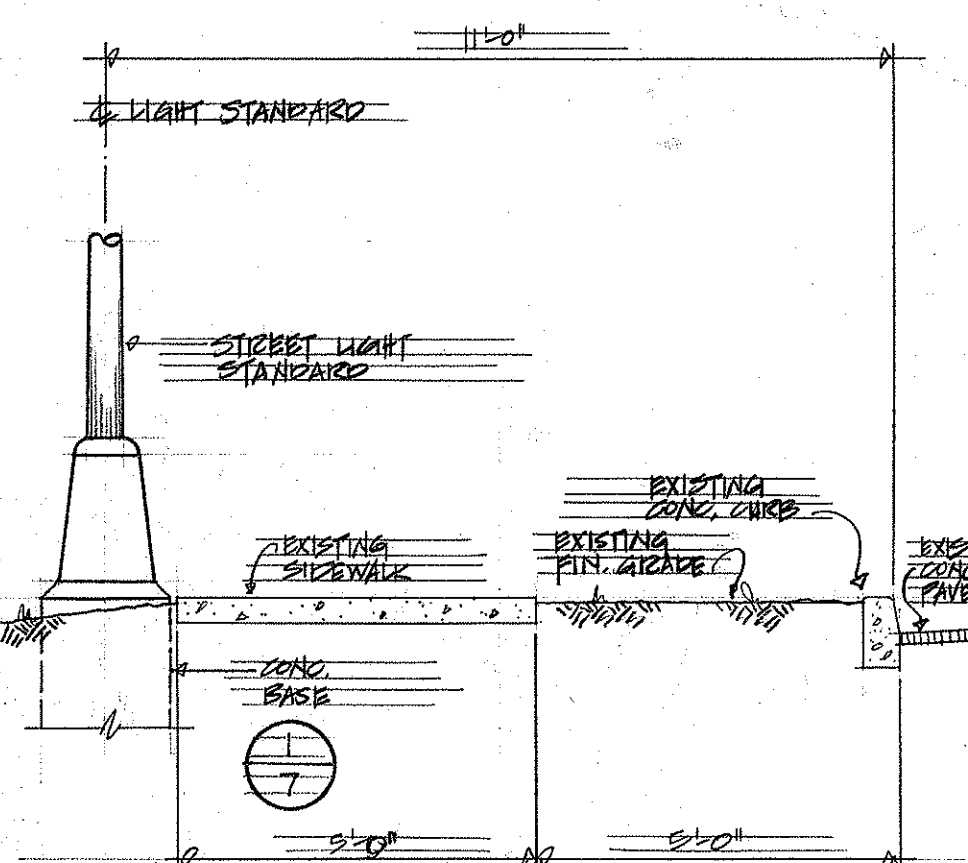
NOTES:

1. CONTRACTOR SHALL INSTALL STREET LIGHTING LUMINAIRE, MOUNT ARM AND PEEPER CIRCUITS AFTER EXISTING LIGHT UTILITY POLE IS REPLACED OR NEW POLE IS INSTALLED BY HECO.
2. CONTRACTOR SHALL INSTALL STREET LIGHTING STANDARD AFTER NEUTRAL CABLE FROM UP-25 TO UP-49 IS RAISED BY HECO.
3. CONTRACTOR SHALL INSTALL STREET LIGHTING STANDARD AFTER HECO PRIMARY CIRCUMFERENCE UP-49 TO UP-80 IS RAISED BY HECO.

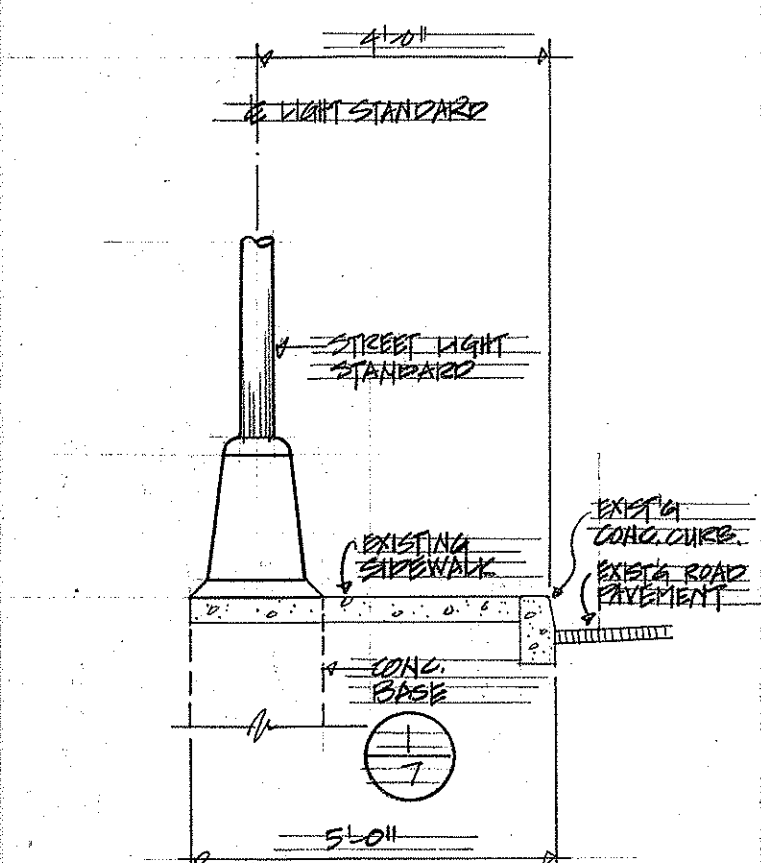
DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
NO.	_____



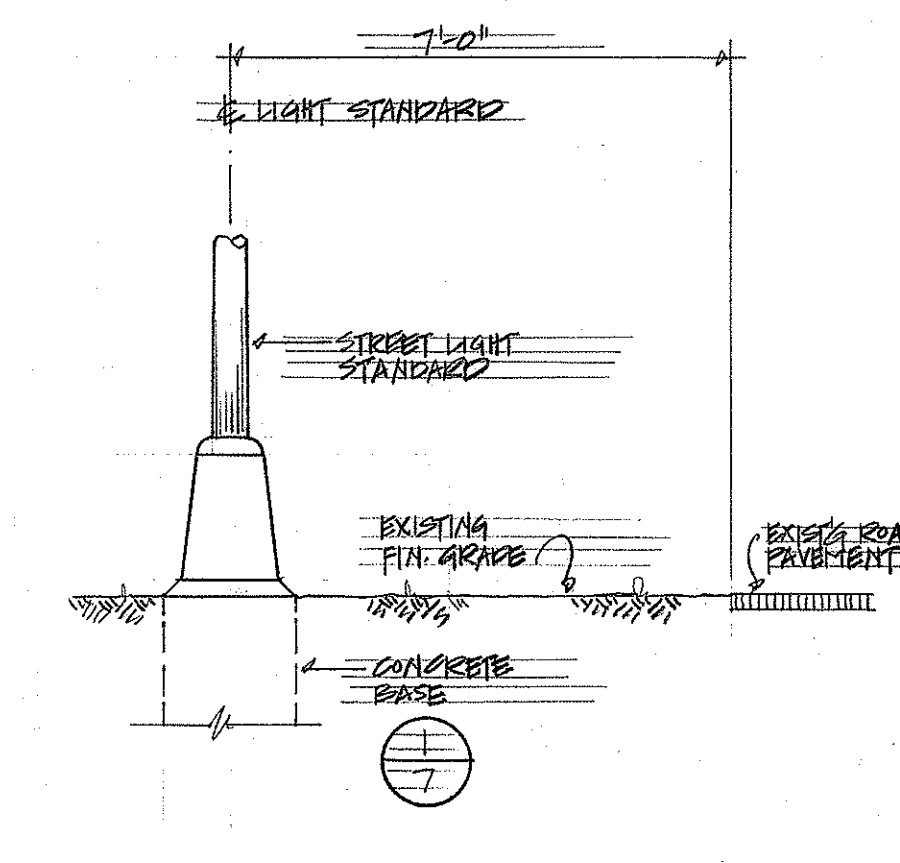
2 STREET LIGHTING BASE LOCATION IN SIDEWALK AREA
6 NOT TO SCALE



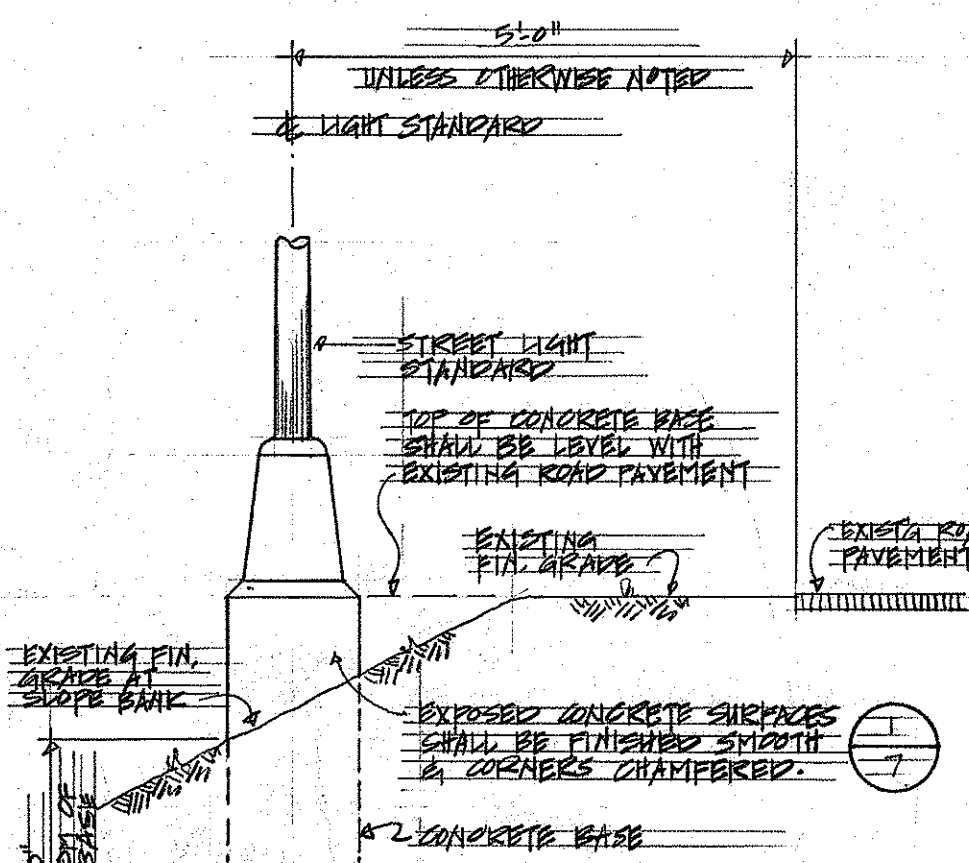
3 STREET LIGHTING BASE LOCATION OFF SIDEWALK AREA
6 NOT TO SCALE



4 STREET LIGHTING BASE LOCATION IN SIDEWALK AREA
6 NOT TO SCALE

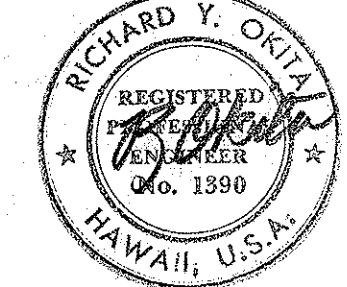


5 STREET LIGHTING BASE LOCATION IN ROAD SHOULDER AREA
6 NOT TO SCALE



6 STREET LIGHTING BASE LOCATION IN SLOPED GRADE
6 NOT TO SCALE

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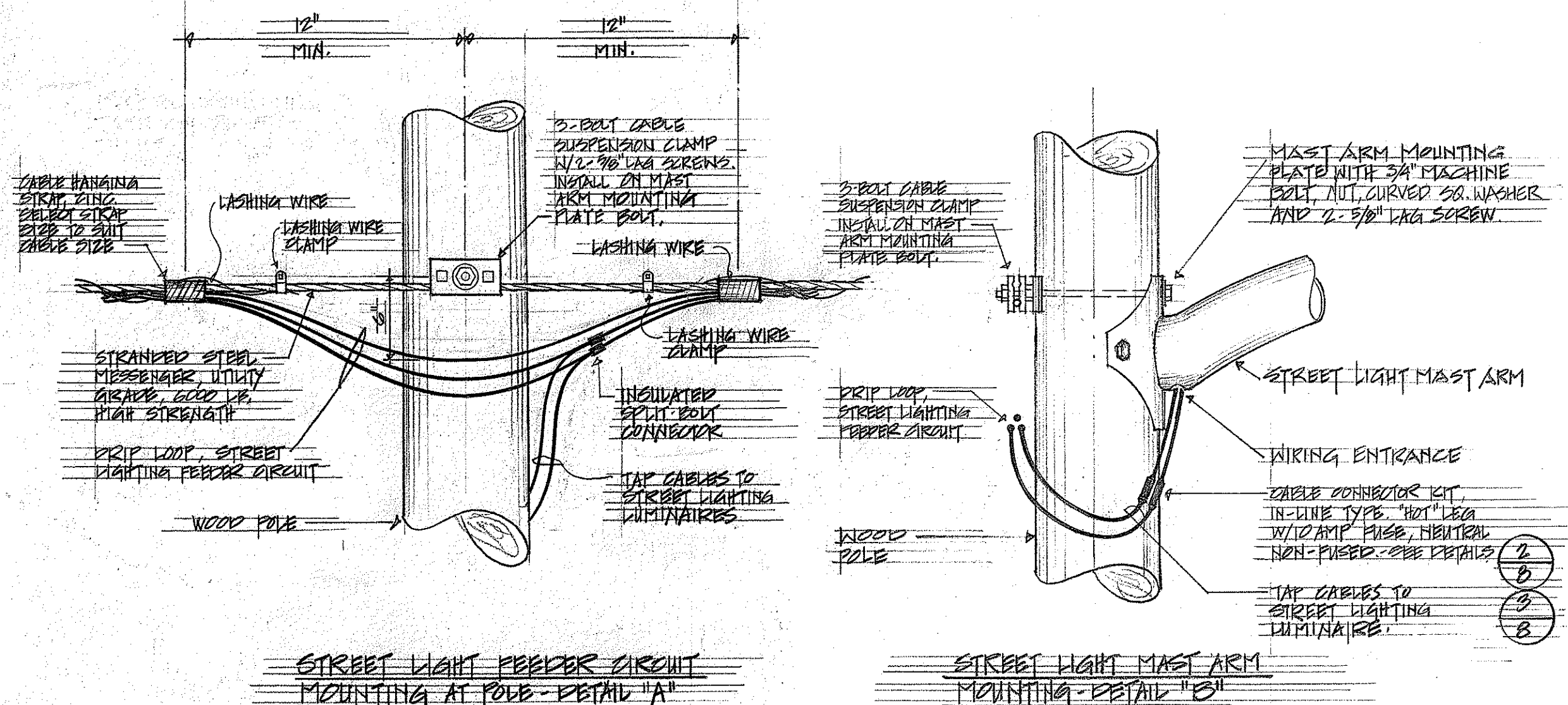
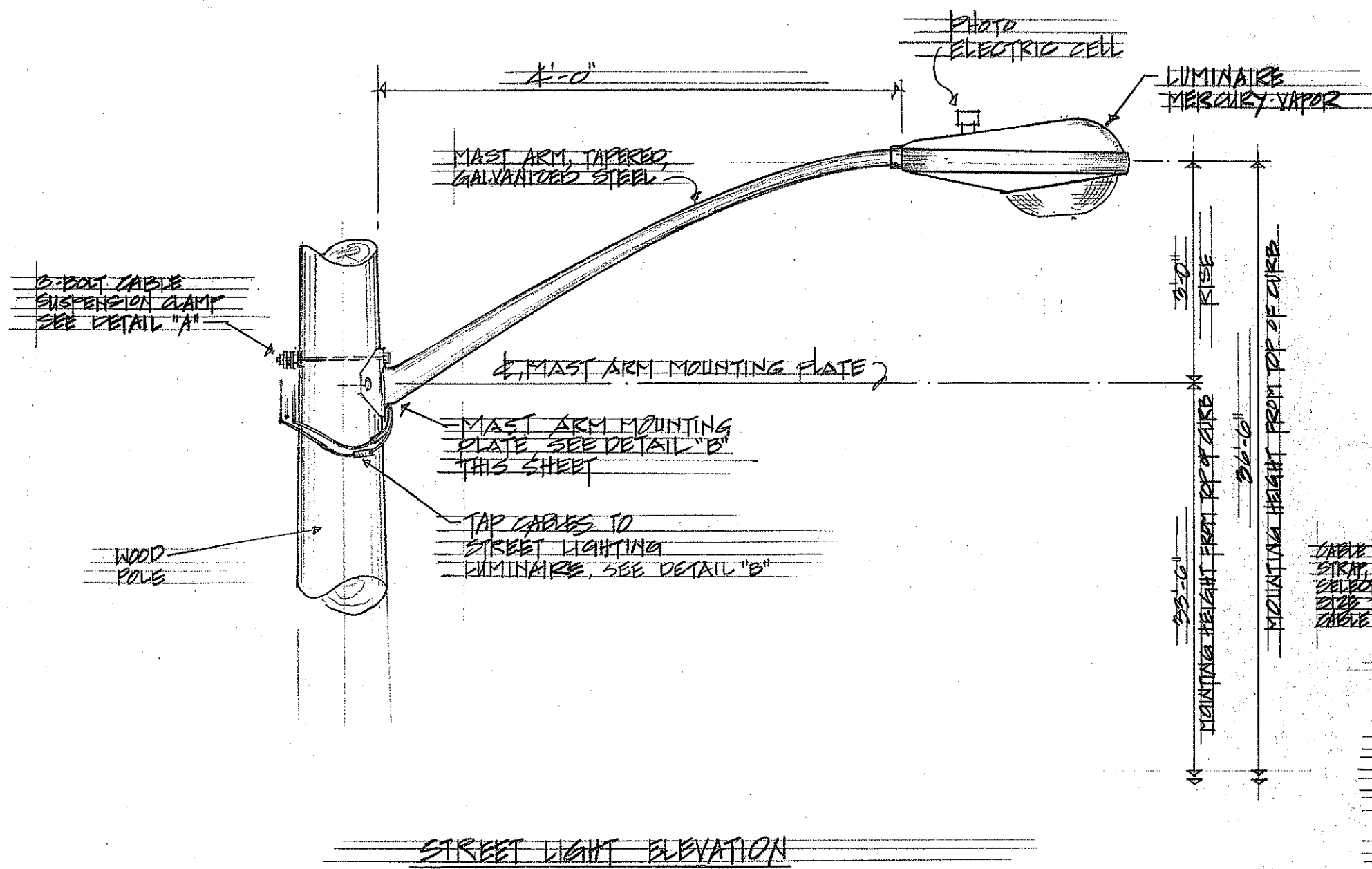
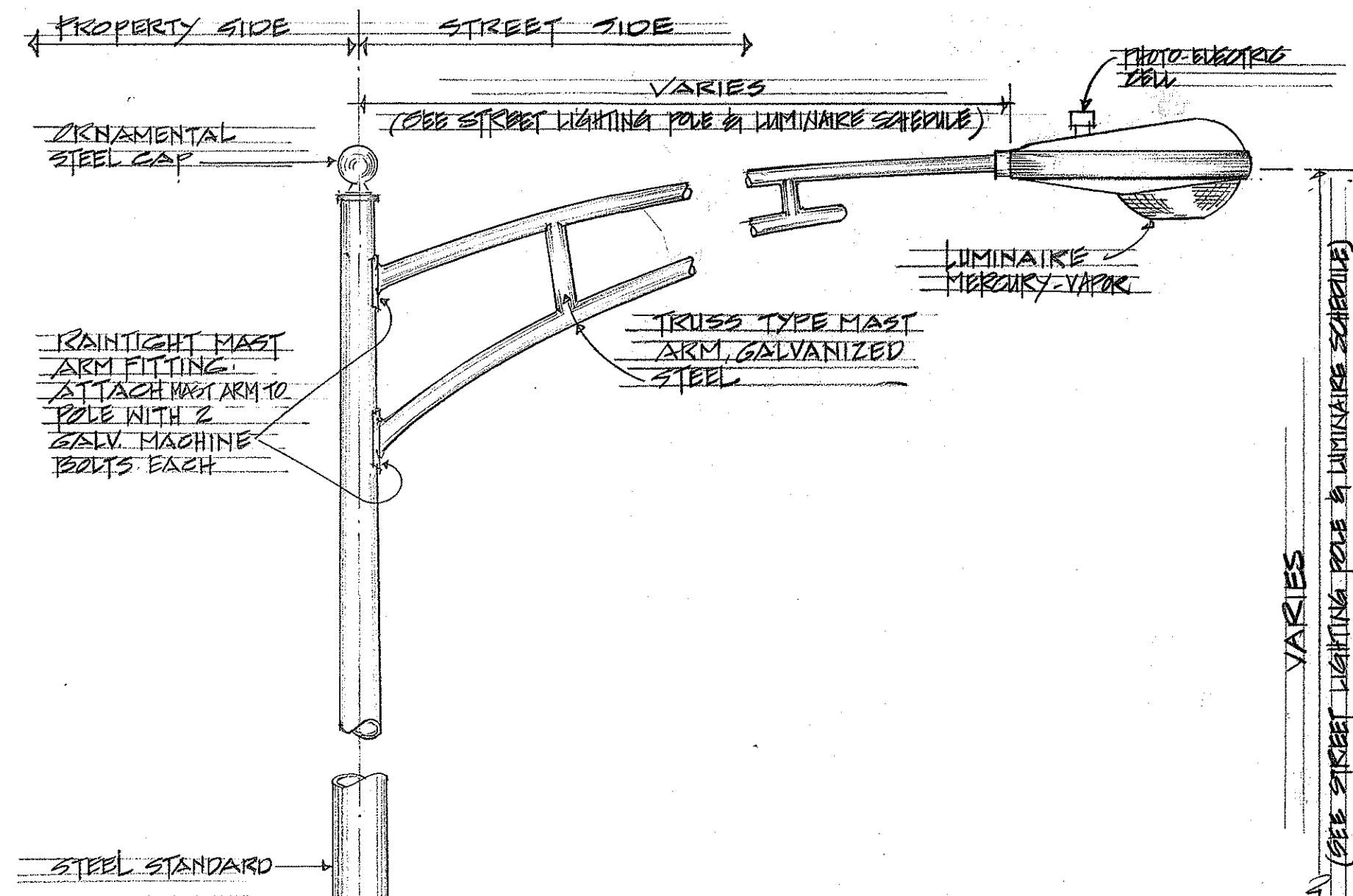
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NIMITZ HIGHWAY LIGHTING SYSTEM
PROJECT NO. U-092-1(C6)

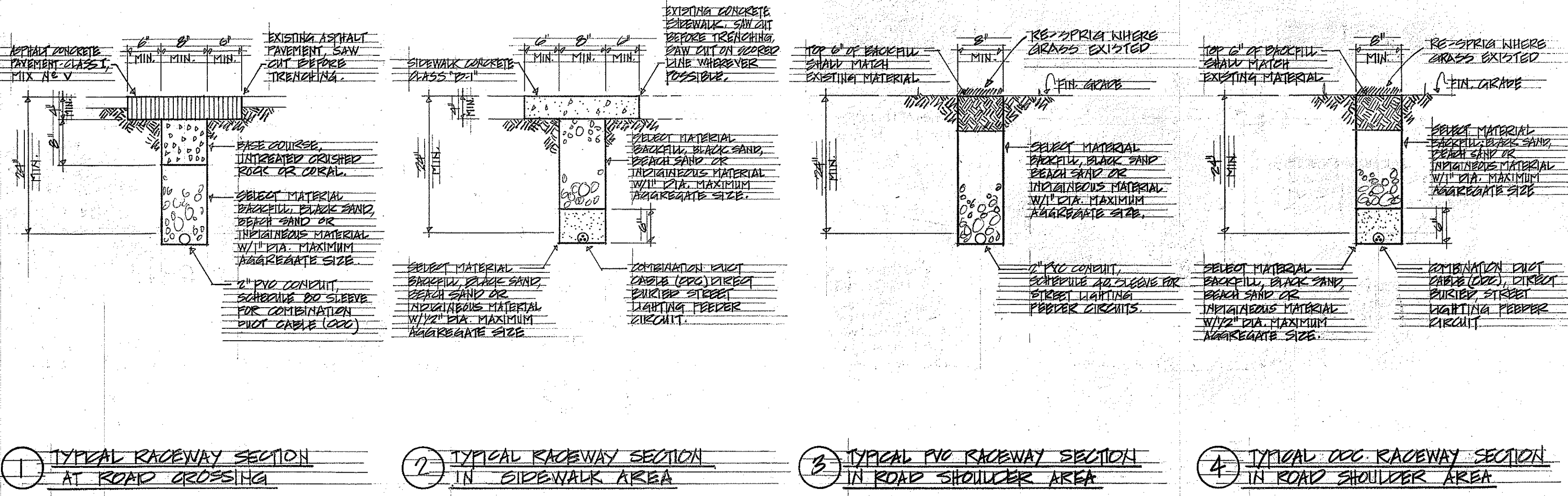
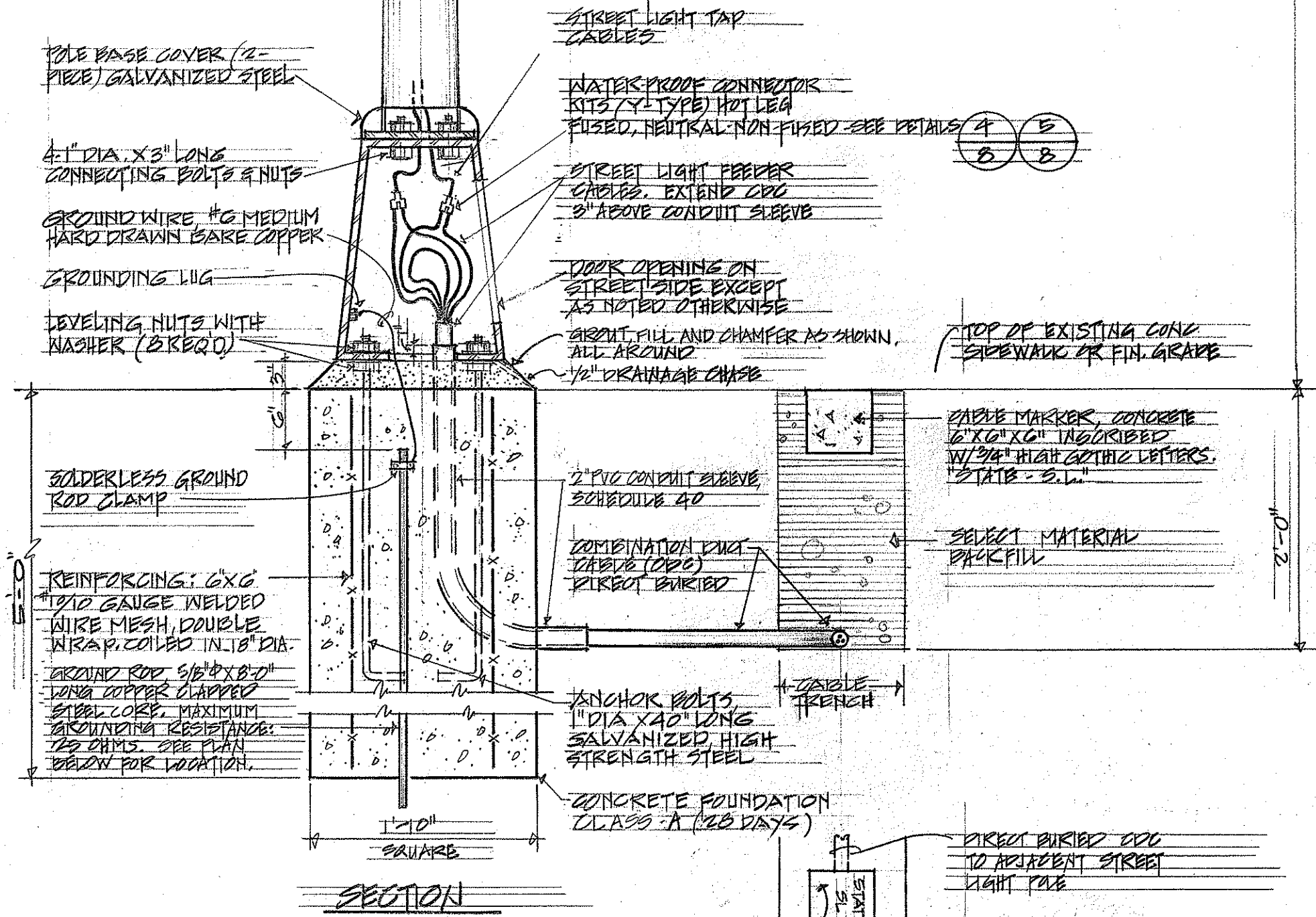
PARTIAL STREET LIGHTING PLAN
STA. 94+50 TO END OF PROJECT STA. 99+00
POLE & LUMINAIRE SCHEDULE

SHEET No. 6 OF 9 SHEETS

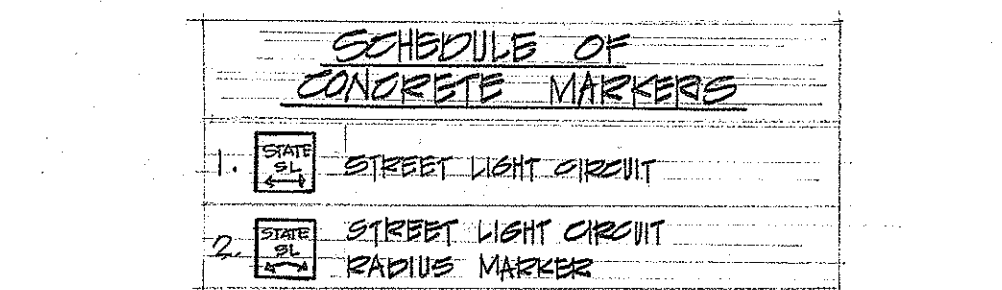
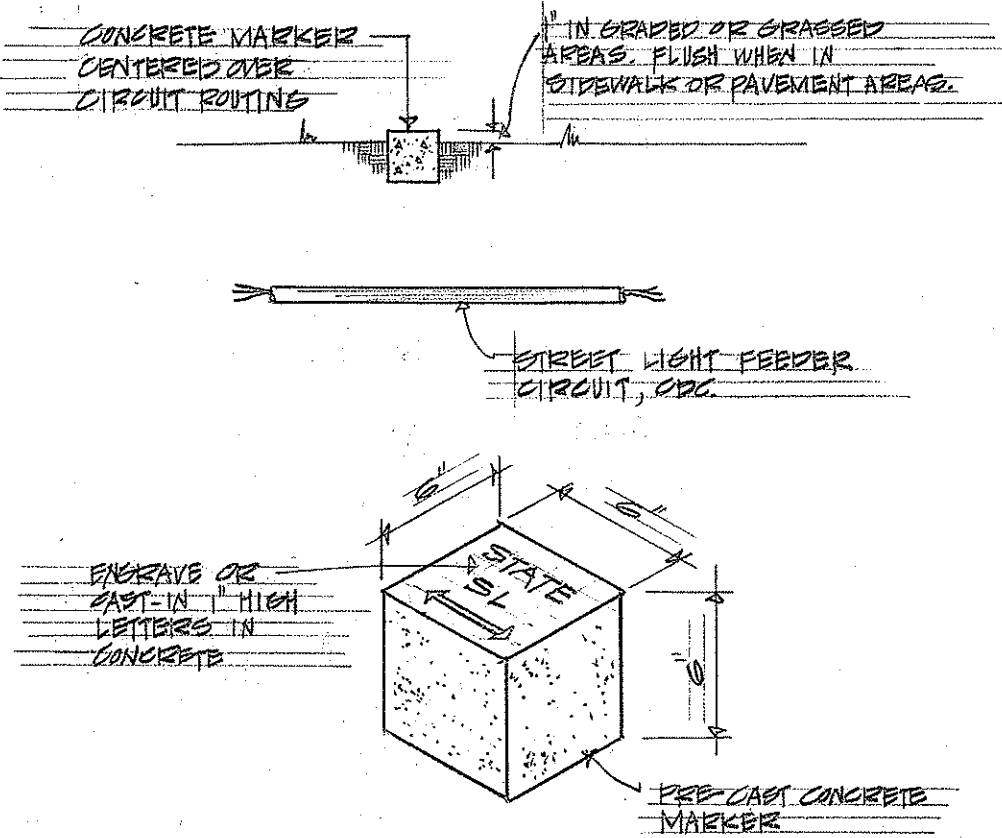
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HAWAII	HAW.				



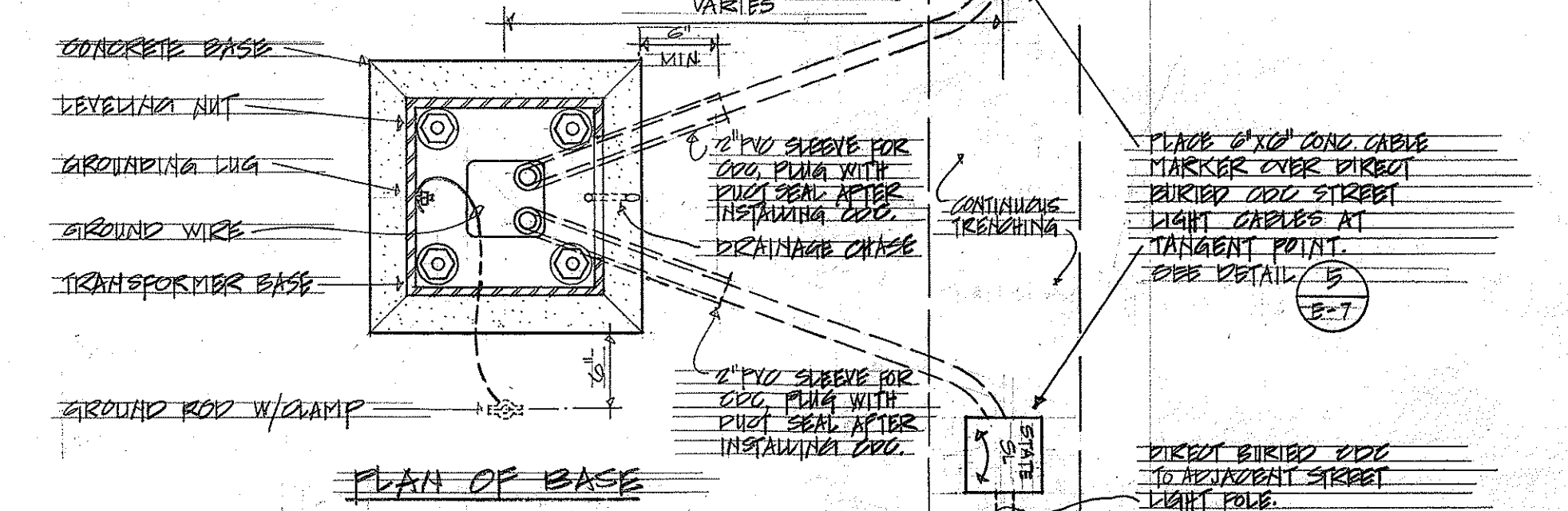
2 STREET LIGHT ON WOOD POLE
7 NOT TO SCALE



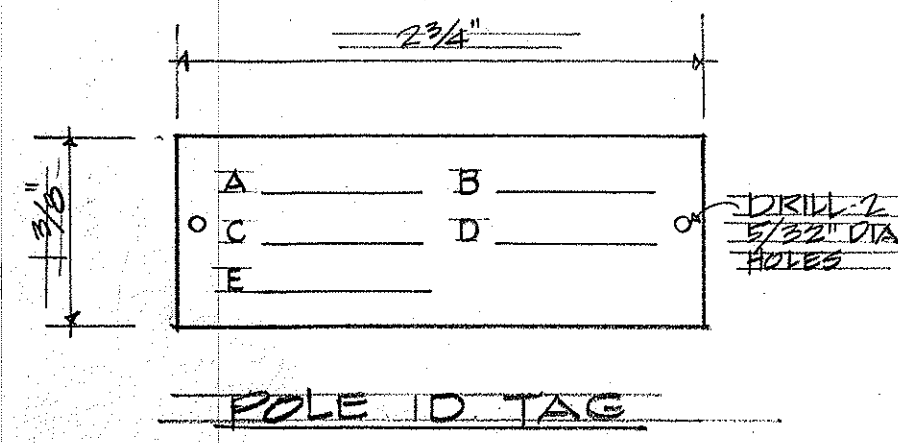
3 DUCT SECTIONS
7 NOT TO SCALE



5 DETAIL-CONCRETE MARKER FOR CIRCUIT LOCATION
7 NOT TO SCALE



1 STREET LIGHT ON METAL POLE
7 NOT TO SCALE



4 STREET LIGHTING IDENTIFICATION TAG
7 NOT TO SCALE

NOTES

1. ATTACH TAG TO POLE WITH 2 NO. 6 CADMIUM PLATED SCREWS.

ENGRAVING SCHEDULE

- A. CONTRACT NUMBER
- B. STREET LIGHT NUMBER (AS SHOWN ON PLAN)
- C. LAMP VOLTAGE (AS SHOWN ON STREET LIGHTING POLE AND LUMINAIRE SCHEDULE)
- D. OPERATOR TYPE (AS SHOWN ON STREET LIGHTING POLE AND LUMINAIRE SCHEDULE)
- E. POLE NUMBER

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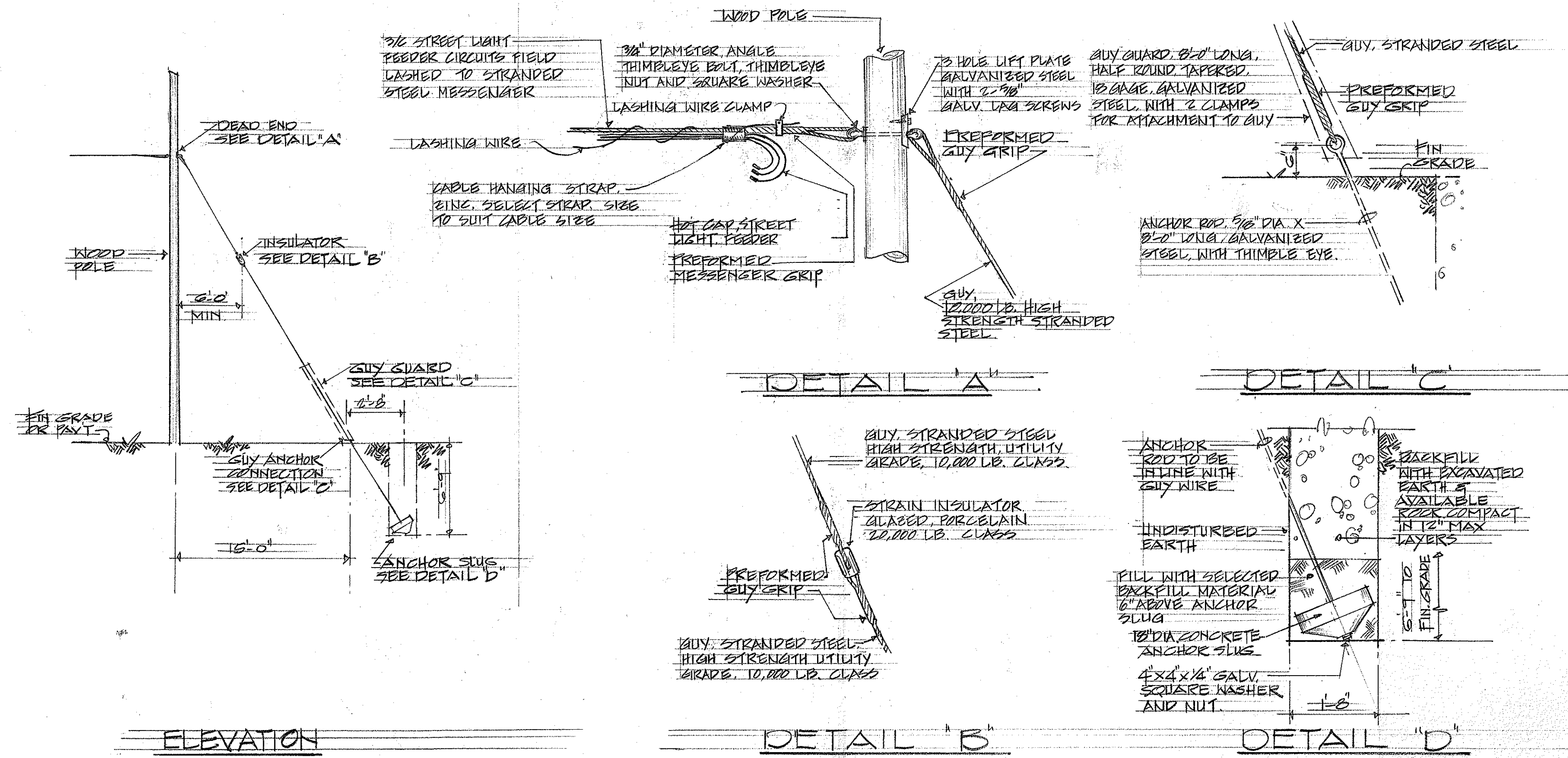
NIMITZ HIGHWAY LIGHTING SYSTEM
PROJECT NO. U-092-16

STREET LIGHT & DUCT SECTION DETAILS

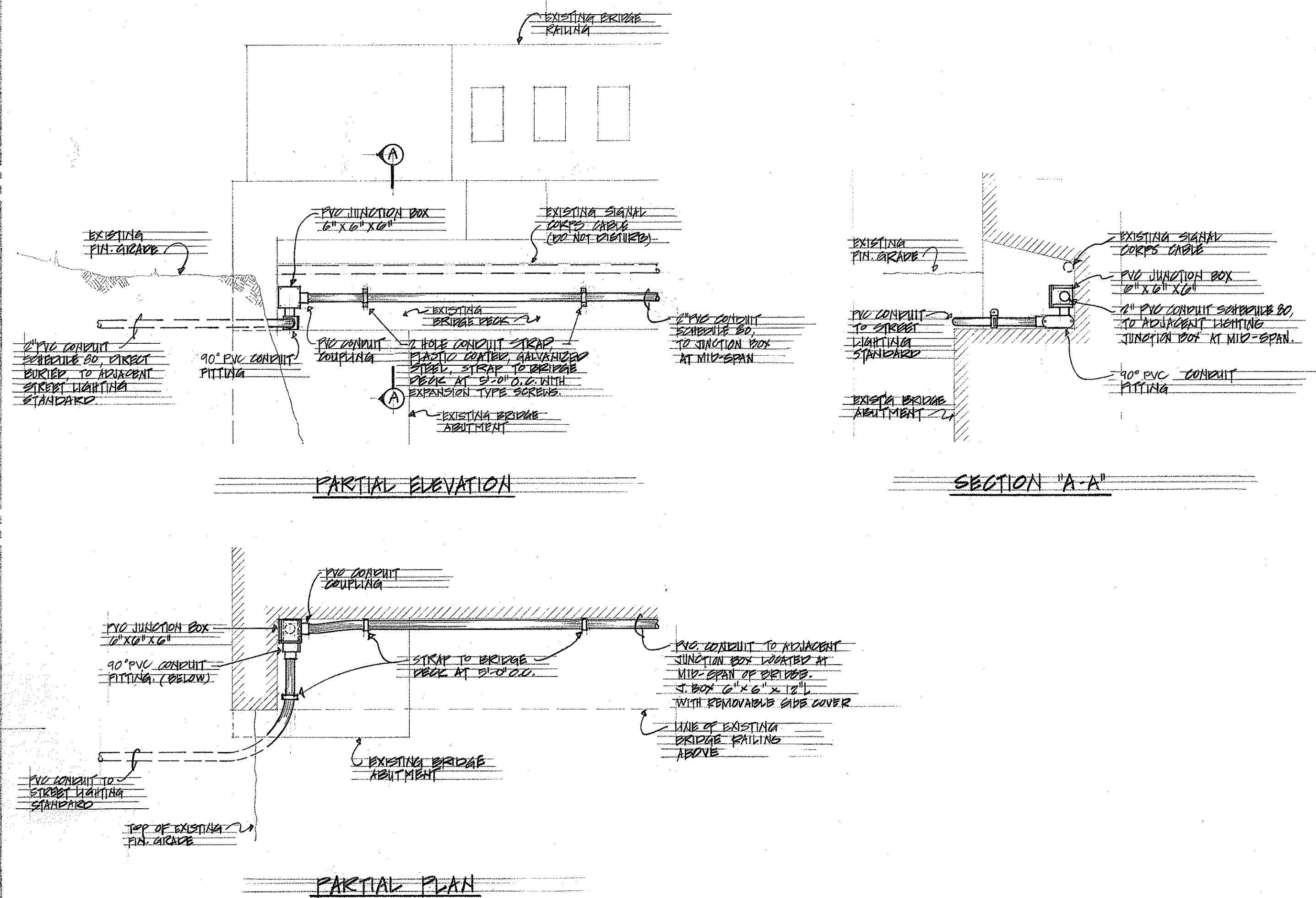
SHEET No. 7 OF 9 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____

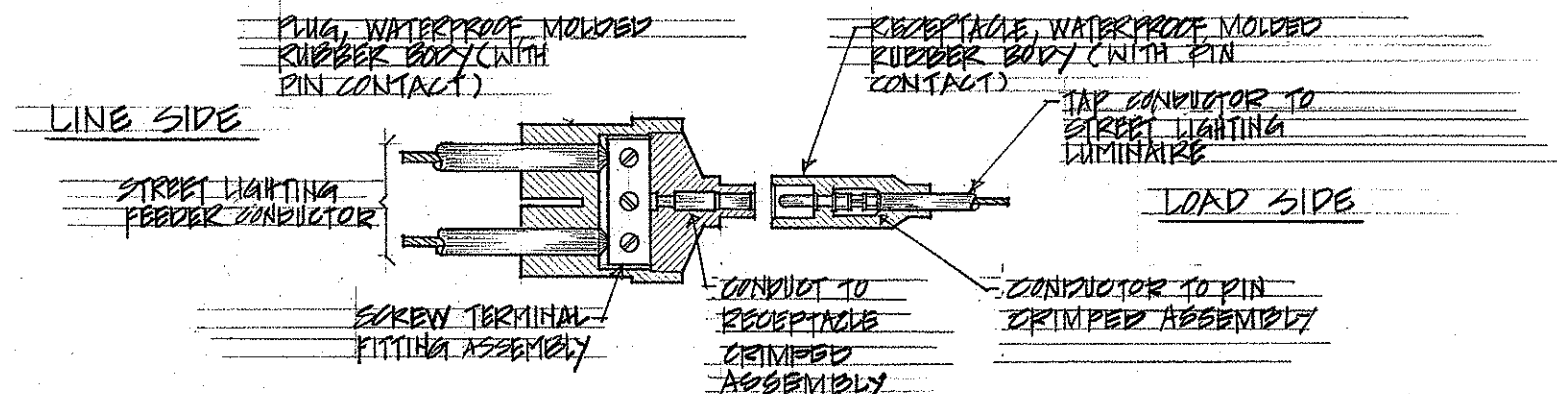
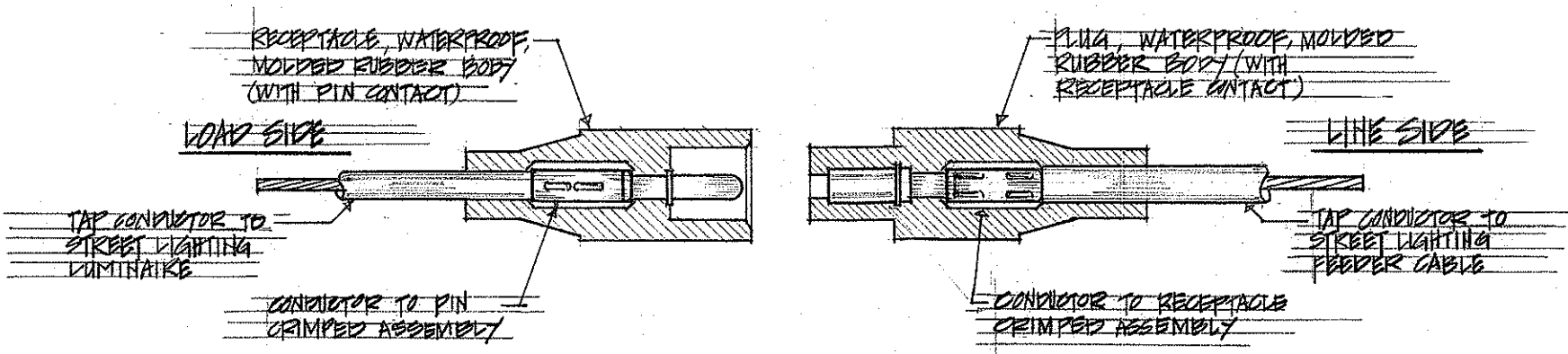
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.				



1 ANCHOR and GUYING DETAILS
8 NOT TO SCALE

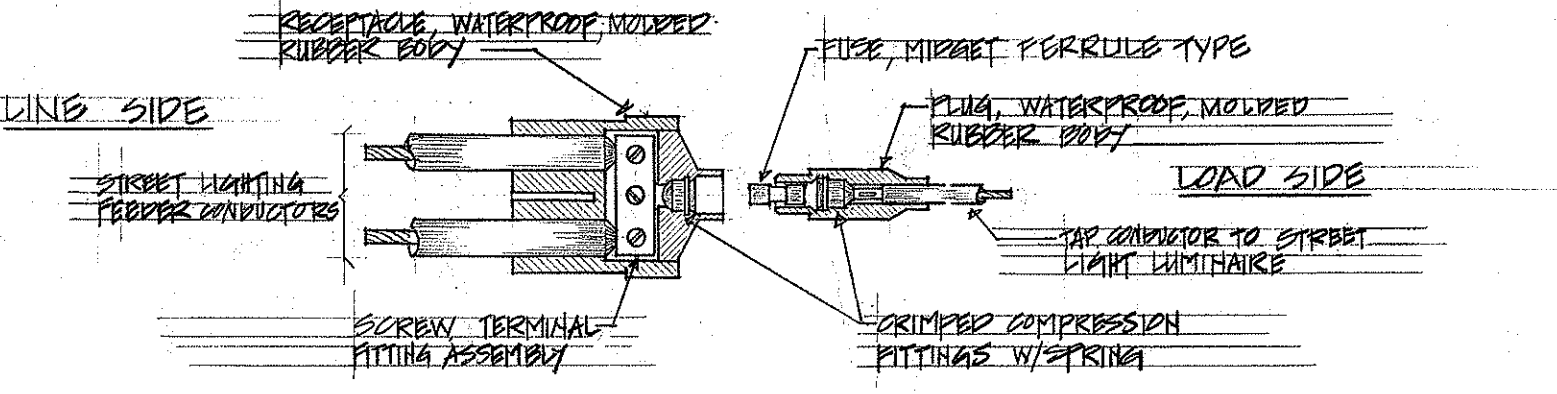
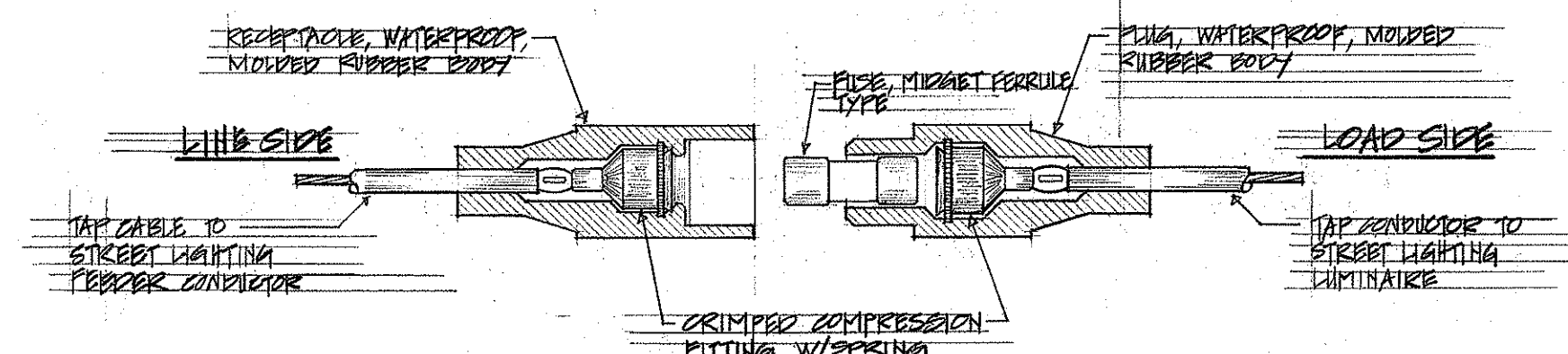


6 DETAIL - RACEWAY ROUTING AT EXISTING BRIDGE
8 NOT TO SCALE (OPPOSITE ENDS OF EXISTING BRIDGE SIMILAR)



2 CABLE CONNECTOR KIT, NON-FUSED, IN-LINE TYPE
8

4 CABLE CONNECTOR KIT, NON-FUSED, Y-TYPE
8



3 CABLE CONNECTOR KIT, FUSED, IN-LINE TYPE
8

5 CABLE CONNECTOR KIT, FUSED, Y-TYPE
8

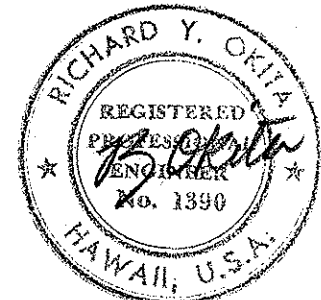
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIMITZ HIGHWAY LIGHTING SYSTEM
PROJECT NO. H-092-1(6)

ANCHOR AND GUY DETAIL
MISCELLANEOUS DETAILS

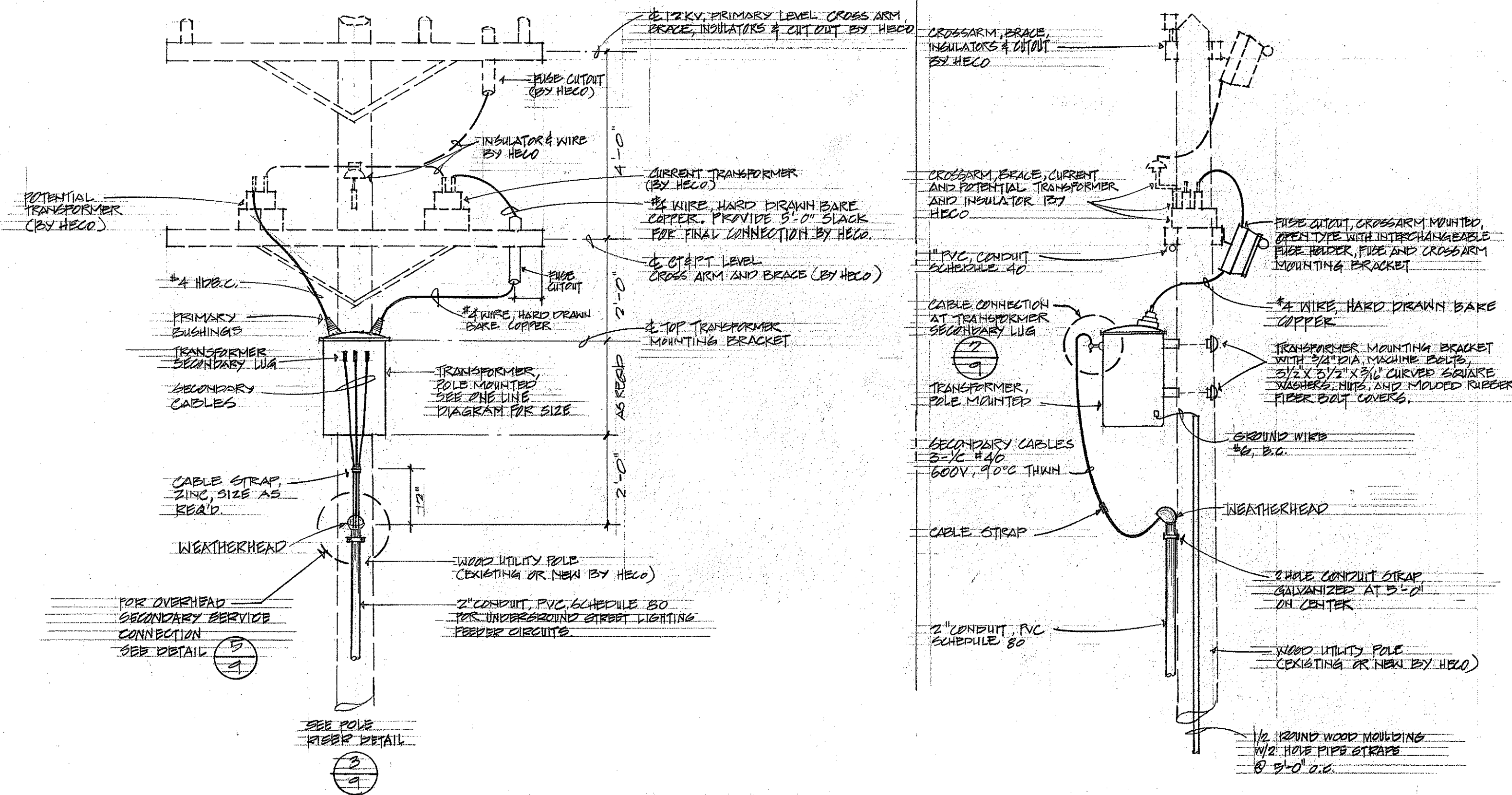
SHEET No. 8 OF 9 SHEETS

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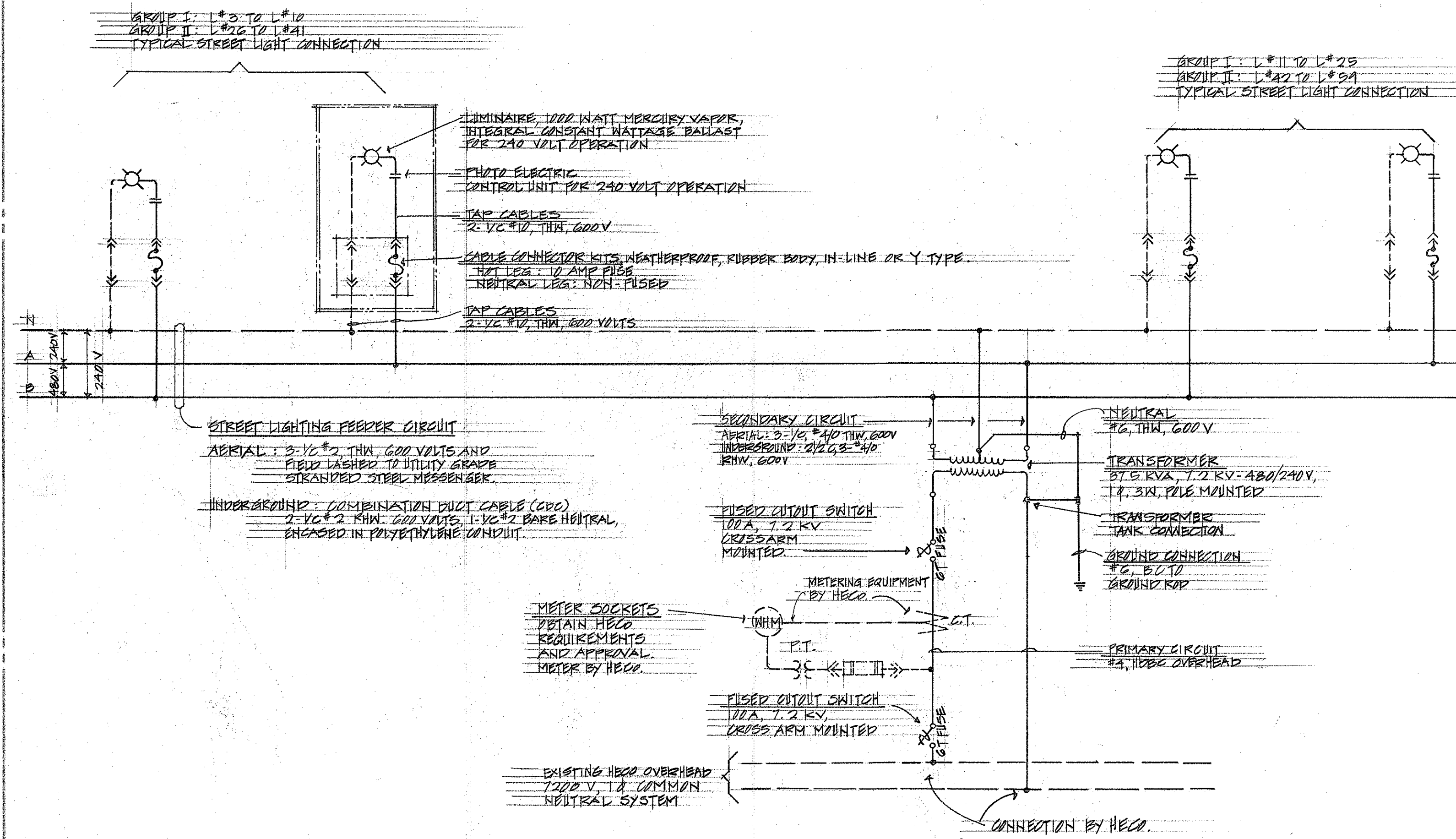


DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
NOTE BOOK	_____
ORIGINAL PLAN	_____
TRACED BY	_____
FILED BY	_____

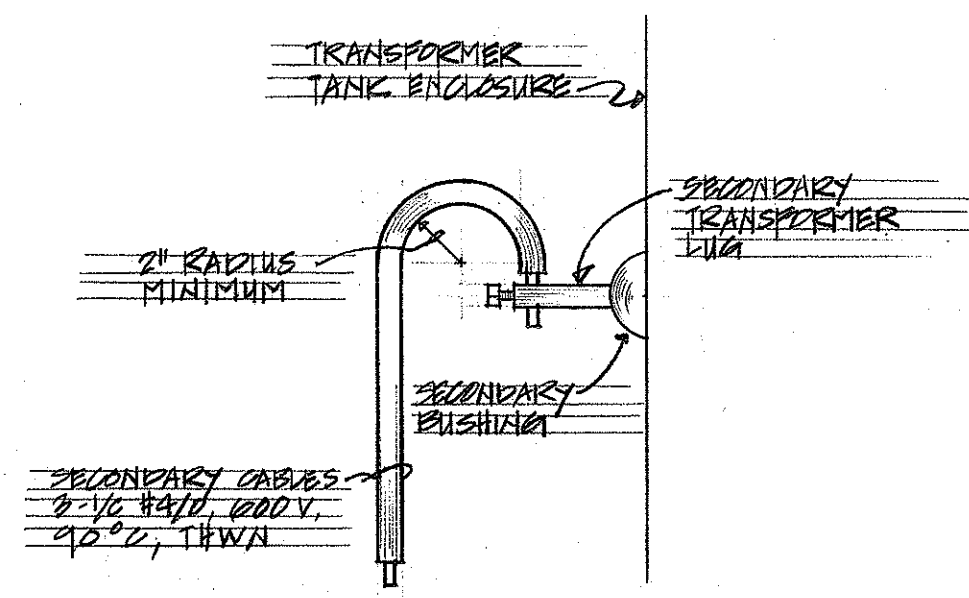
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HAWAII	HAW.				



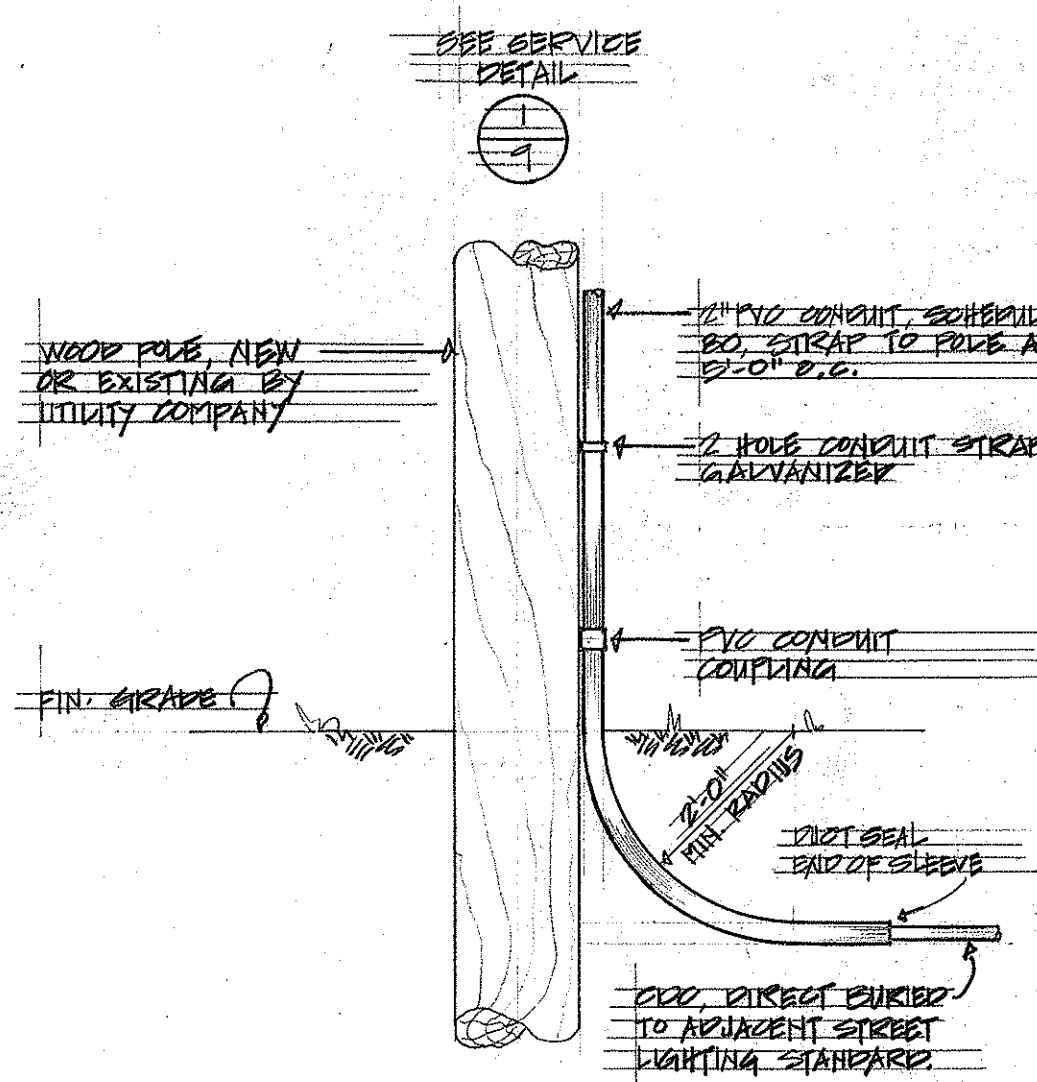
1 SERVICE ENTRANCE AND TRANSFORMER MOUNTING DETAIL
9 NOT TO SCALE



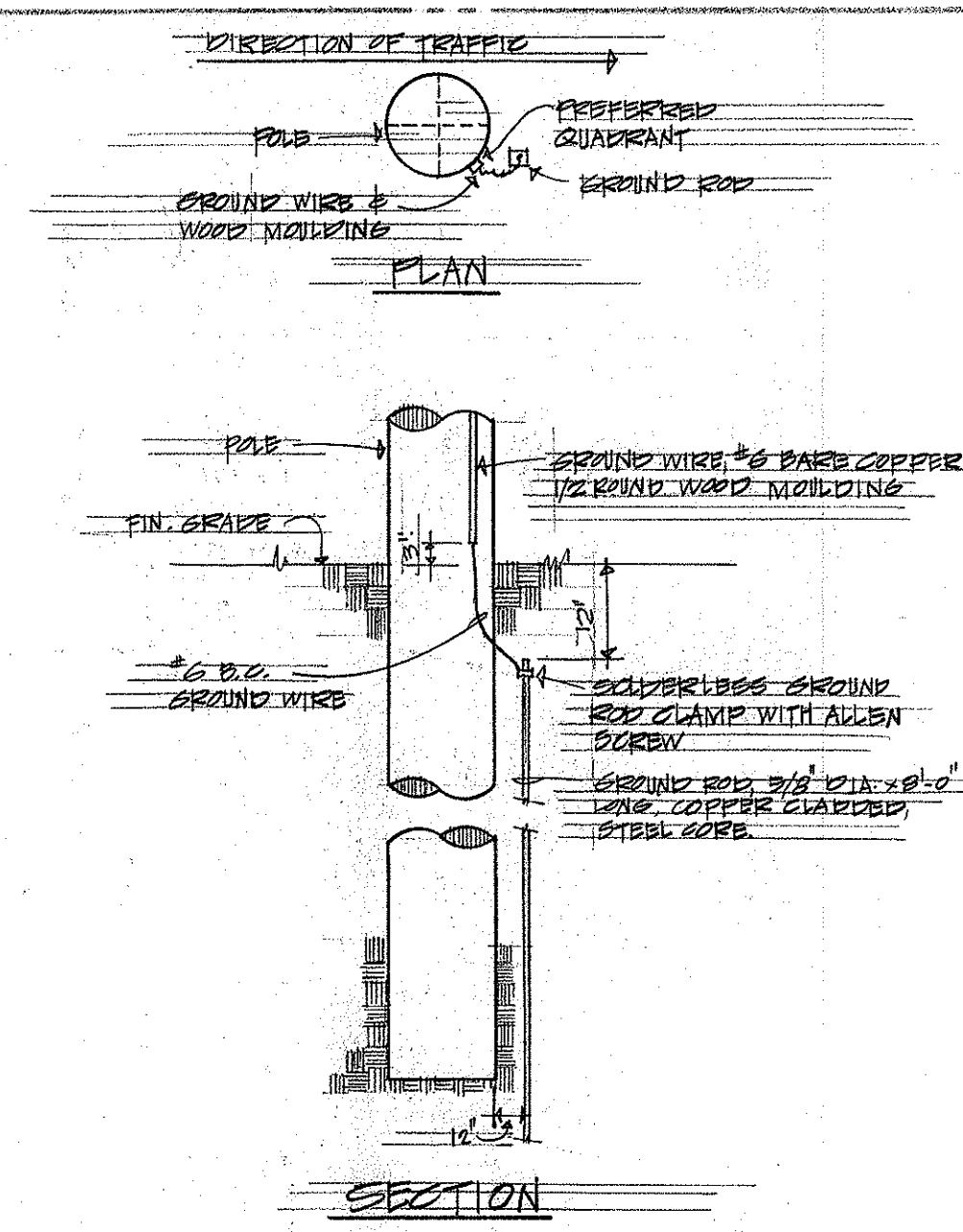
TYPICAL ONE LINE DIAGRAM
STREET LIGHTING DISTRIBUTION SYSTEM



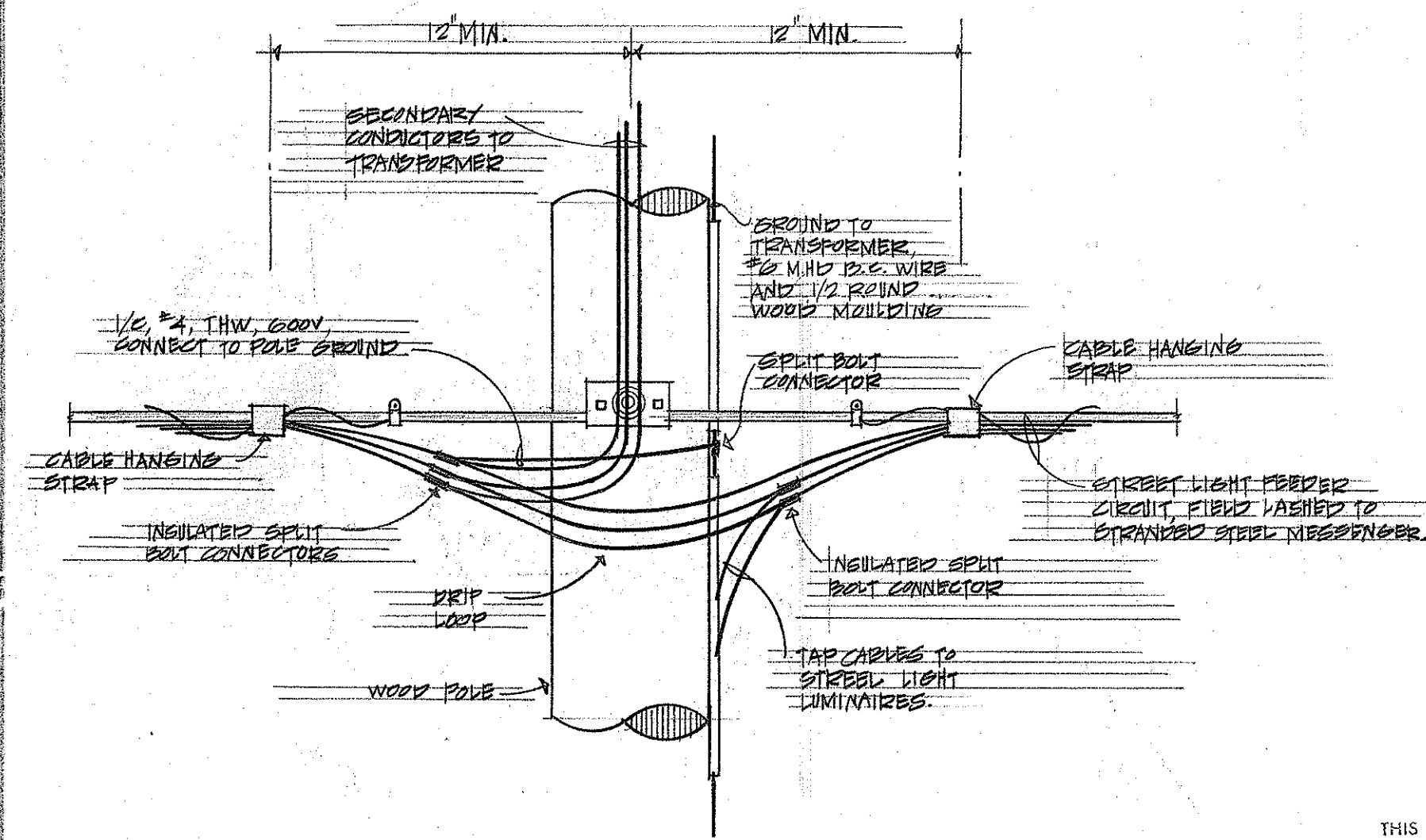
2 CABLE CONNECTION AT TRANSFORMER LUG
9 NOT TO SCALE



3 TYPICAL POLE RISER DETAIL
9 NOT TO SCALE



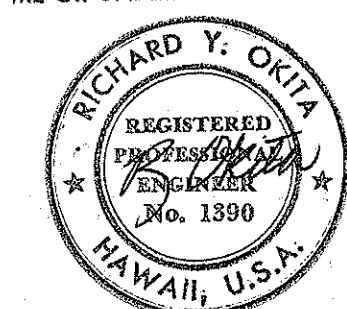
4 GROUNDING DETAIL
9 NOT TO SCALE



5 OVERHEAD SECONDARY SERVICE CONNECTION DETAIL
9 NOT TO SCALE

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

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIMITZ HIGHWAY LIGHTING SYSTEM
PROJECT NO. U-092-1(6)

SERVICE ENTRANCE & TRANSFORMER
DETAILS, ONE LINE DIAGRAM

SHEET No. 9 OF 9 SHEETS