

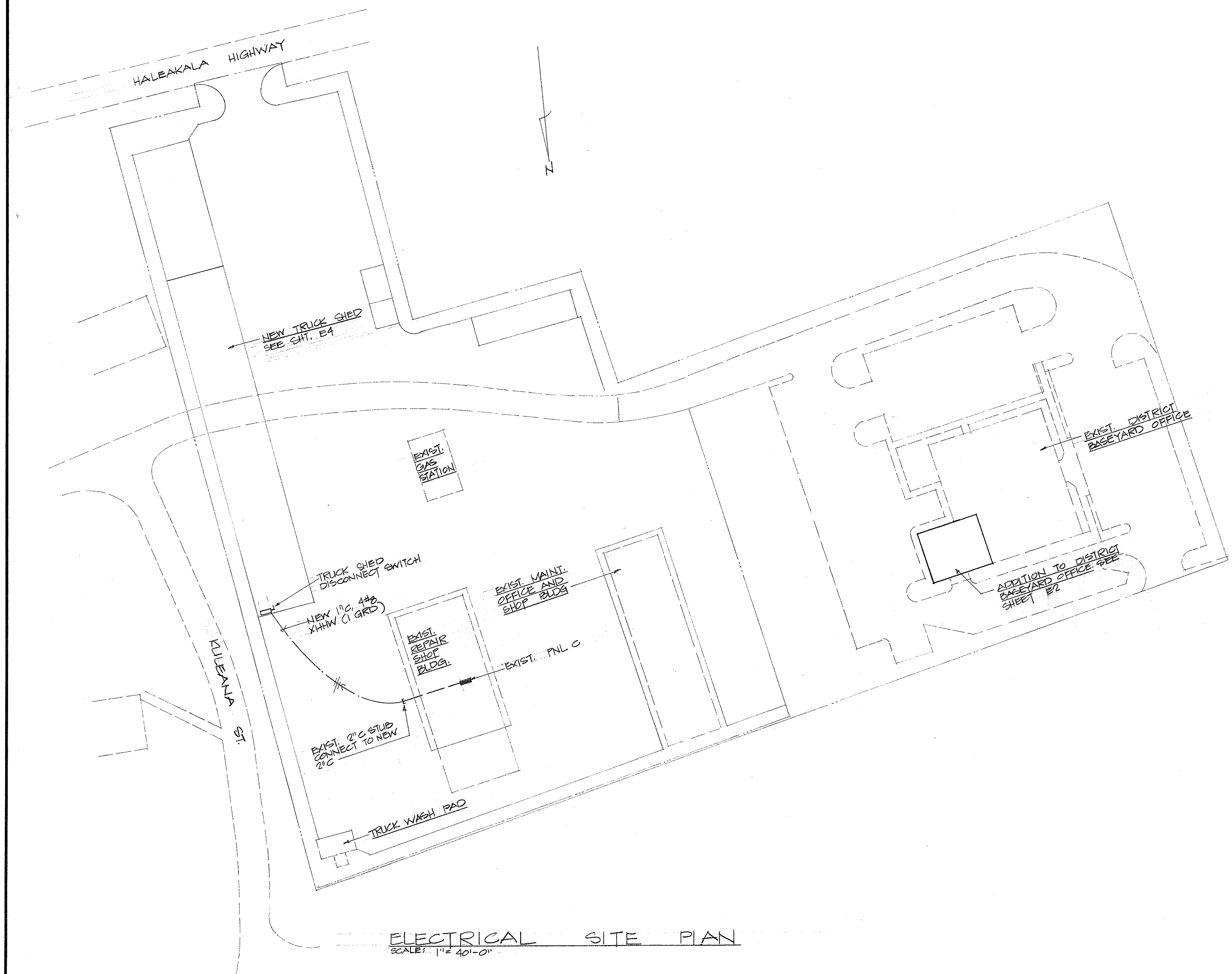
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	LT-M-02-77	1981	17	20

EXIST.	NEW	ELECTRICAL SYMBOLS
⊖	⊖	WALL INCANDESCENT LUMINAIRE
⊖	⊖	CEILING OUTLET, FLUORESCENT
S	S	SWITCH, 1P20A, +4'
S ₃	S ₃	SWITCH, 3W20A, +4'
S ₄	S ₄	SWITCH, 4W20A, +4'
⊕	⊕	DUPLEX CONVENIENCE OUTLET, 3W 15A, GROUNDING TYPE, +12" UNLESS OTHERWISE NOTED
⊕	⊕	SPECIAL PURPOSE OUTLET, RATING AND TYPE AS INDICATED
⊕	⊕	FLOOD LIGHT
⊕	⊕	EQUIPMENT CONNECTION
⊕	⊕	CLOCK OUTLET WITH CLOCK
⊕	⊕	JUNCTION BOX, WALL, 4-11/16" SQUARE MINIMUM
⊕	⊕	JUNCTION BOX, CEILING, 4-11/16" SQUARE MINIMUM
⊕	⊕	PANELBOARD
⊕	⊕	TELEPHONE OUTLET, +12"
⊕	⊕	TELEPHONE CABINET
⊕	⊕	WEATHERPROOF
⊕	⊕	MOTOR OUTLET
⊕	⊕	MOTOR CONTROLLER
⊕	⊕	SAFETY SWITCH
⊕	⊕	PHOTO ELECTRIC SWITCH
⊕	⊕	DUPLEX CONVENIENCE OUTLET, 3W 15A, GROUND FAULT INTERRUPTER TYPE
⊕	⊕	KEY SWITCH, 1P20A, +4'
---	---	WIRING IN EXISTING RACEWAY
---	---	WIRING IN RACEWAY CONCEALED IN WALL OR CEILING
---	---	WIRING IN RACEWAY CONCEALED IN FLOOR OR BELOW GRADE
---	---	WIRING IN EXPOSED RACEWAY
---	---	WIRING IN SURFACE METAL MOLDING

NOTES: ANY CIRCUIT WITH NO FURTHER DESIGNATION INDICATES A TWO WIRE CIRCUIT. CIRCUITS WITH ADDITIONAL WIRES ARE INDICATED AS FOLLOWS: 3 WIRES: ---, 4 WIRES, ETC.

GROUND WIRE PER NATIONAL ELECTRICAL CODE INDICATED AS FOLLOWS: ---

SURVEY PLOTTED BY	DATE
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NO.	



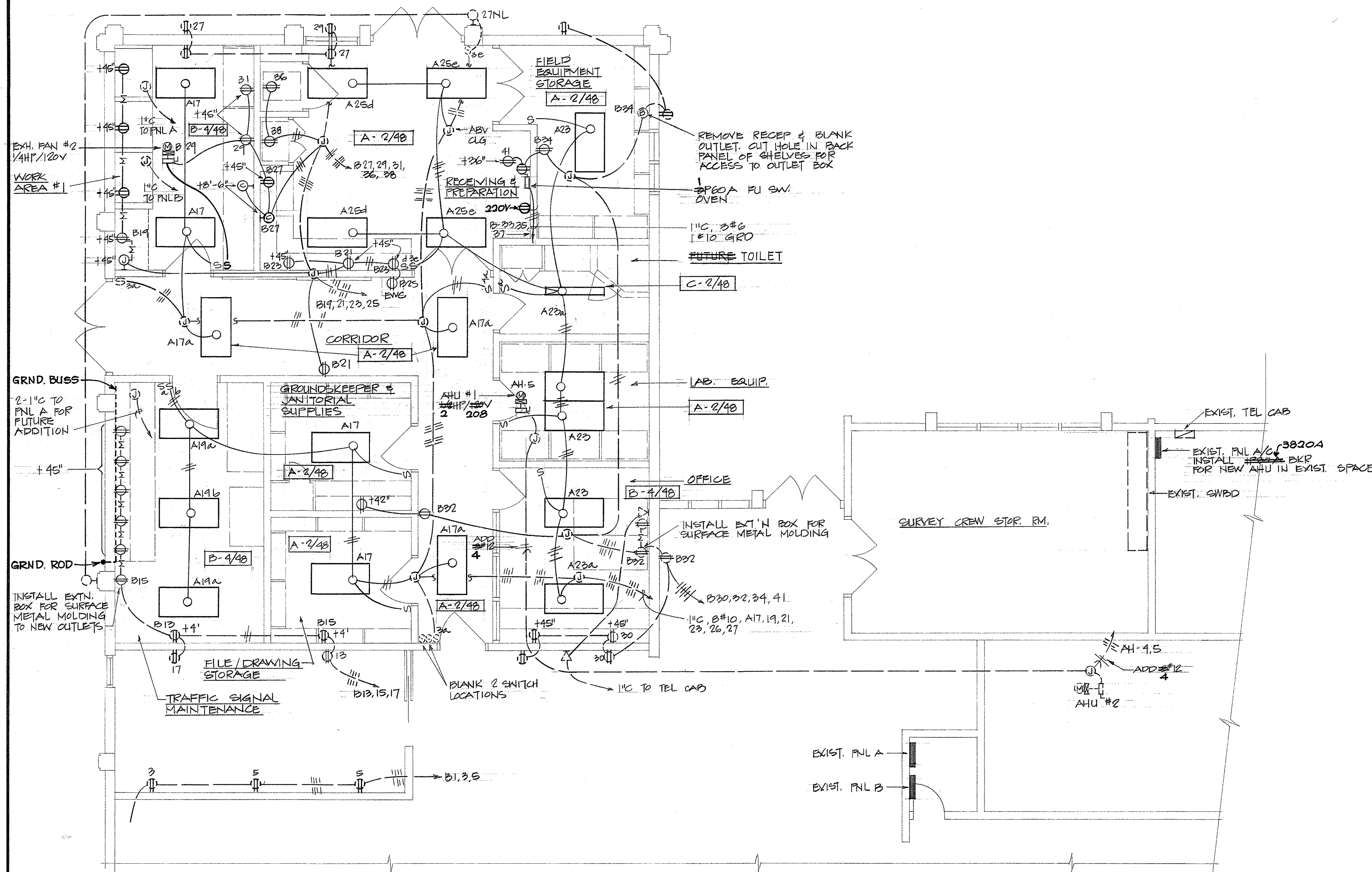
ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"



THIS WORK WAS PREPARED BY ME
ON BEHALF OF THE ENGINEER
Clayton C. J. Perry

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
ELECTRICAL SITE PLAN, ELECTRICAL SYMBOLS		
MAUI DISTRICT BASEYARD PHASE III		
KAHULUI	MAUI	HAWAII
PROJECT No. LT-M-02-78		
NISHIMURA, OKI & SANTO INC. APRIL, 1981		
SHEET No. E1 OF 4 SHEETS		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	LT-M-02-79	1981	18	20



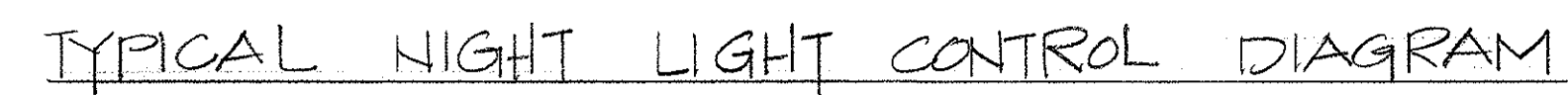
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ELECTRICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"



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FOR THE STATE OF HAWAII
Chayla C. Pong

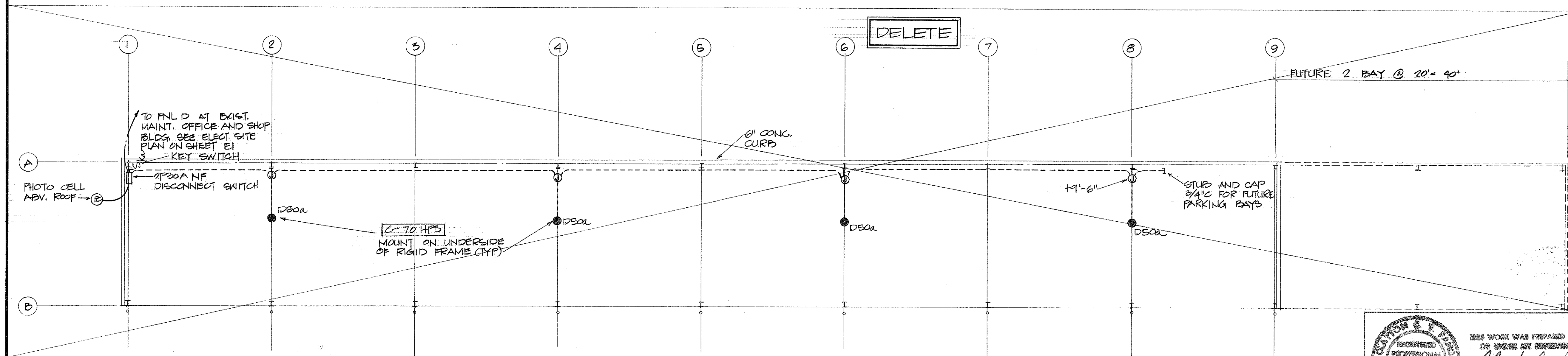
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
ELECTRICAL FLOOR PLAN
MAUI DISTRICT BASEYARD PHASE III
KAHULUI MAUI HAWAII PROJECT No. LT-M-02-78 NISHIMURA, OKI & SANTO, INC. APRIL, 1981
SHEET No. E2 OF 4 SHEETS



LIGHTING POWER LIMIT CALCUALTIONS				
CATEGORY	SQ. FT.	MAX WATTS/ SQ. FT.	LT.POWER LIMIT-WATTS	ACTUAL WATTS
A	720	3	2160	1368
B	756	1	756	693
D	4520	0.25	1130	1080
TOTAL			4046	3159

LUMINAIRE SCHEDULE			
TYPE	LAMP	DESCRIPTION	MANUFACTURER
A-2/48	2-40W	SURFACE FLUORESCENT, EXTRUDED VIRGIN ACRYLIC CLEAR PRISMATIC DIFFUSER, SWING FROM EITHER SIDE FOR RELAMPING. 18" x 48" ENERGY SAVING BALLASTS	MILLER INDIGO DAYBITE HALLMARK GLOBE
B-4/48	4-40W	SIMILAR TO TYPE A EXCEPT 4 LAMPS	
C-2/48	2-40W	TWO LAMP FLOURESCENT STRIP, ALUMINUM HOUSING WITH GALVANIZED WIRE GUARD, 11 GA.	COLUMBIA FSA-2400 1/4 DAYBITE
D-100HPS	100W HPS	SIMILAR TO TYPE C EXCEPT 100W HPS SURFACE MOUNTED CAST ALUMINUM HOUSING, BRUSHED AND EPOXY FINISHED, CLEAR ULTRA-VIOLET STABILIZED POLY-CARBONATE PRISMATIC DIFFUSER, TAMPER-PROOF SCREWS WITH TWO TAMPER-PROOF SCREWDRIVERS, HIGH POWER FACTOR BALLAST.	KENALL 5700 SERIES ACME DUNBAR OR APPROVED EQUAL

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11-M-02-79	1981	9	20



GARAGE SHED ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

6/18/81	Revised Description in Luminaire Schedule for Type D-100 HPS per Addendum No. 1.
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DATE	REVISION
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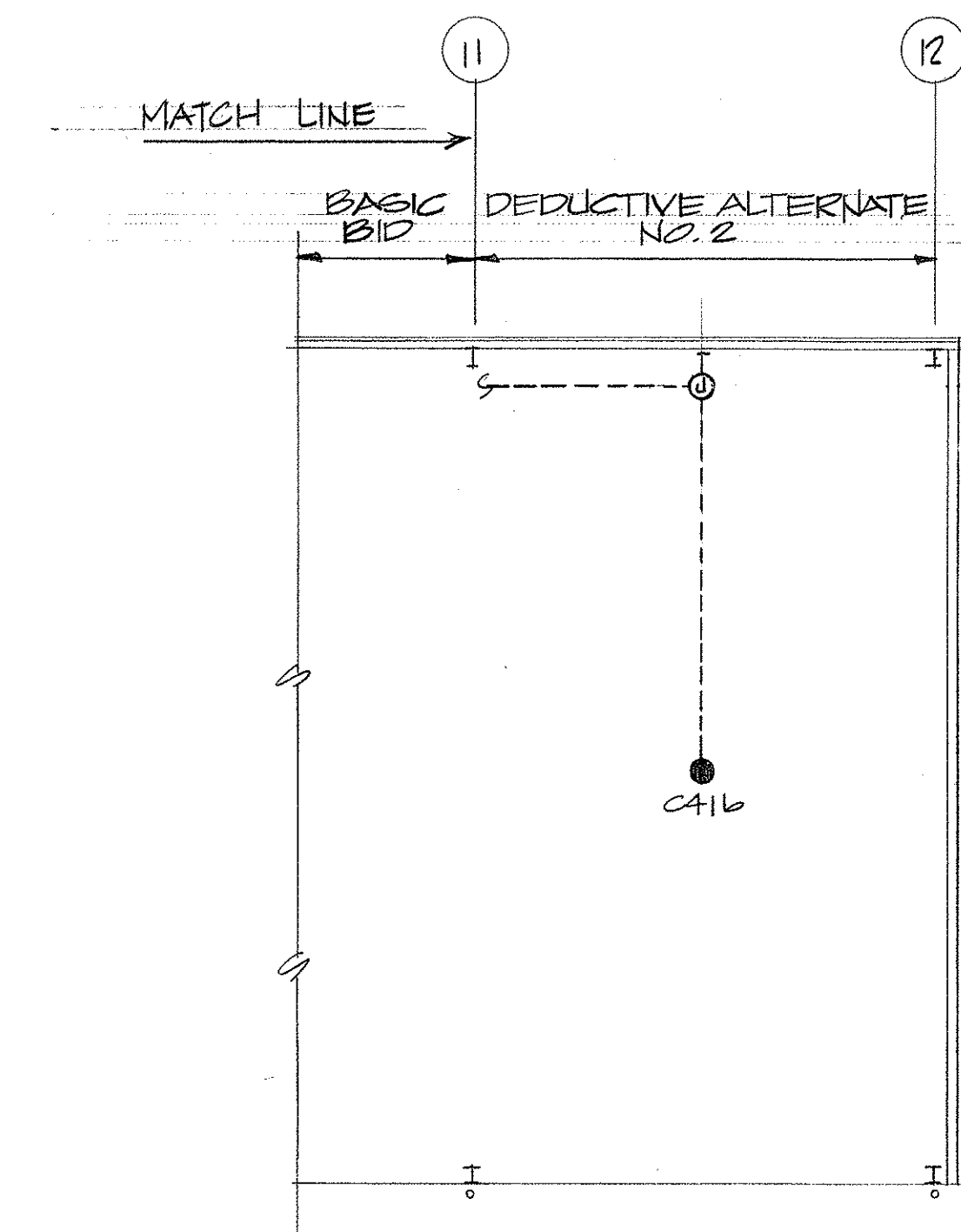
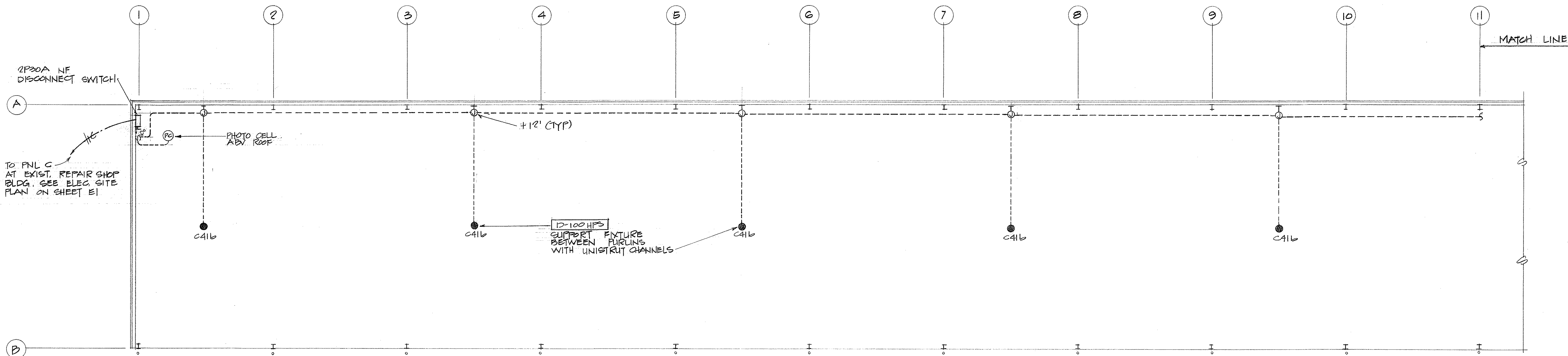
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NIGHT LIGHT CONTROL DIAGRAM & LUMINAIRE SCHEDULE

MAUI DISTRICT BASEYARD
PHASE III
KAHULUI MAUI HAWAII
PROJECT No. LT-M-02-78
NISHIMURA, OKI & GANTO INC. APRIL, 1981

SHEET No. 13 OF 4 SHEETS

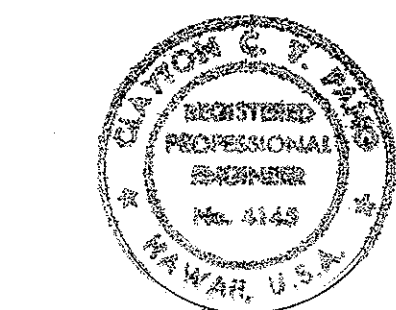
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	LT-M-02-79	1981	20	20



TRUCK SHED ELECTRICAL PLAN

SCALE: 1/8" = 1'-0"

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ORIGINAL PLAN	
NOTE BOOK	
NO.	



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ON BEHALF OF THE ENGINEER
Clayton C. Pang

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
TRUCK SHED ELECTRICAL PLAN		
MAUI DISTRICT BASEYARD PHASE III		
KAHULUI	MAUI	HAWAII
PROJECT No. LT-M-02-78		
NISHIMURA, OKI & SANTO INC. APRIL, 1981		
SHEET NO. E4 OF 4 SHEETS		