

SYMBOLS

- PARTIAL HIGHWAY LIGHTING PLAN
STA.32+82.74 TO STA. 40+00

PARTIAL HIGHWAY LIGHTING PLAN
STA. 40+00 TO STA. 54+71.74

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHTING PLAN
STA. 32+02.74 TO STA. 54+71.74
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUAPAANI STREET
FAI. Proj. No. I-HI-1(96)113
Scale: As Shown Date: April, 1996
SHEET NO. 1 OF 5 SHEETS



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

Albert S. Chong
Albert S. C. Chong, PE

E1 Scale: As Shown Date: April, 1981

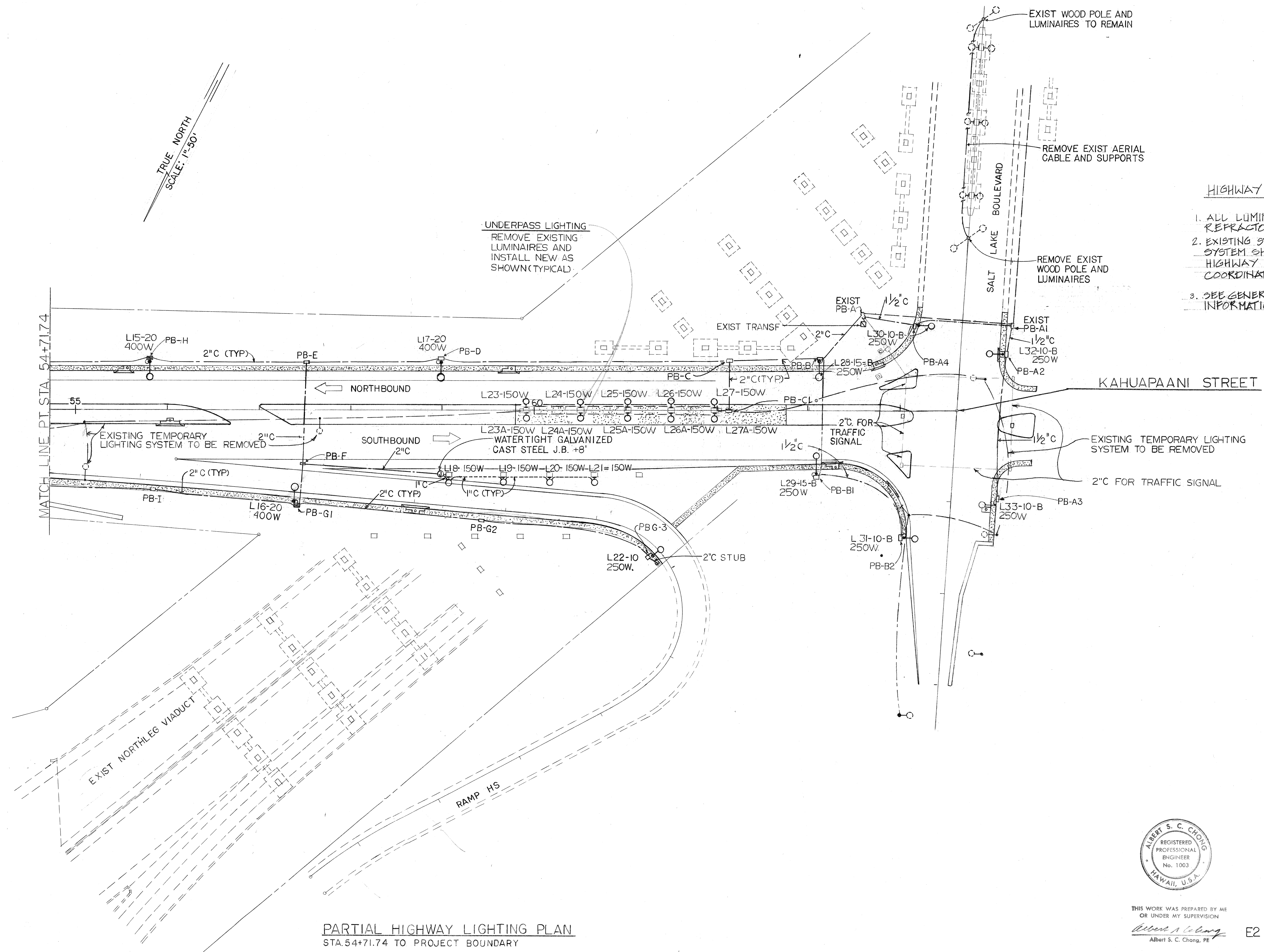
SHEET No. 1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(96):13	1981	82	112

HIGHWAY LIGHTING NOTES:

1. ALL LUMINAIRES TO HAVE POLYCARBONATE REFRACTORS.
2. EXISTING STATE OWNED HIGHWAY LIGHTING SYSTEM SHALL BE REMOVED AFTER THE NEW HIGHWAY LIGHTING SYSTEM IS IN OPERATION. COORDINATE W/ UTILITY CO.
3. SEE GENERAL NOTES, SHT. # 85 FOR ADD. INFORMATION.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
CHECKED BY		



PARTIAL HIGHWAY LIGHTING PLAN
STA. 54+71.74 TO PROJECT BOUNDARY

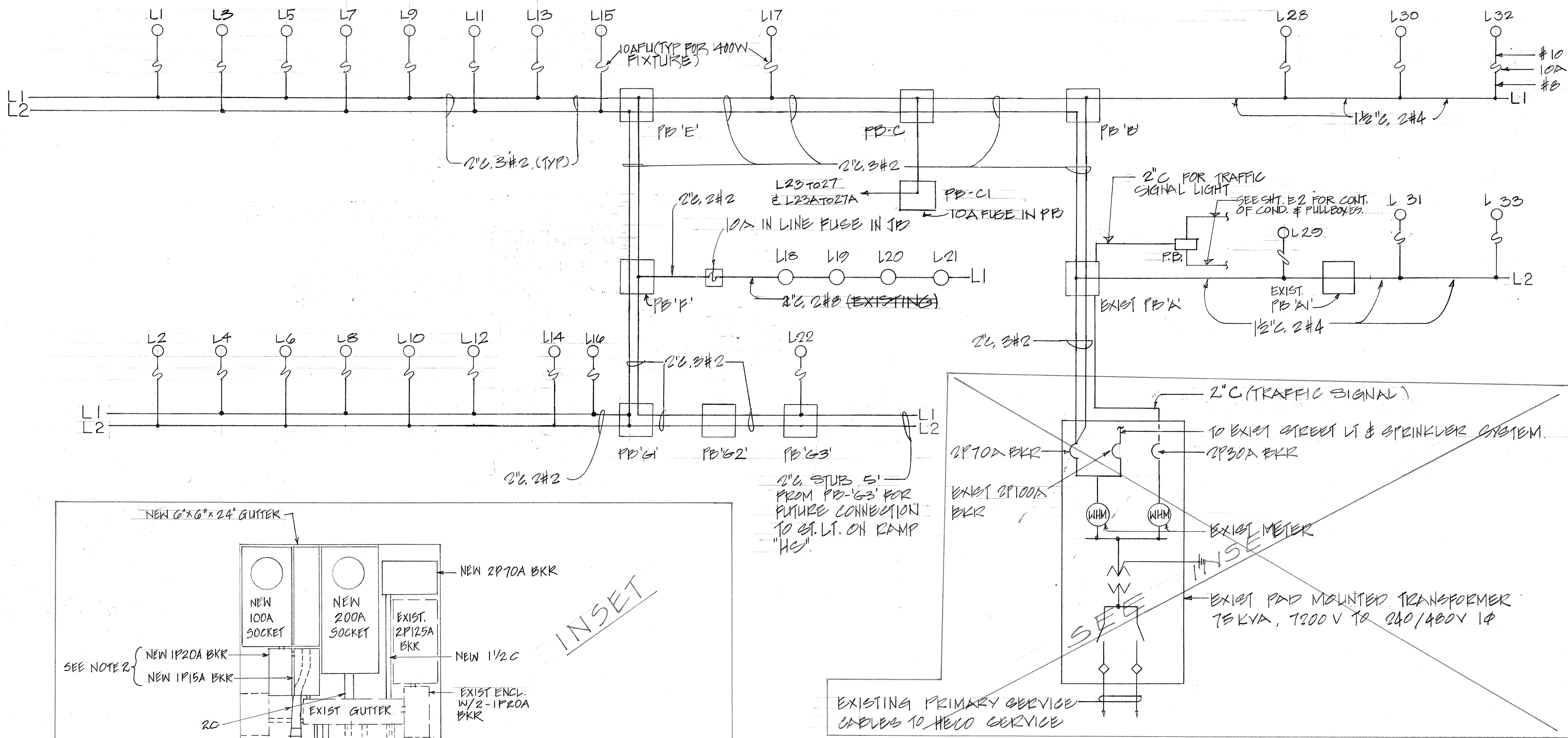


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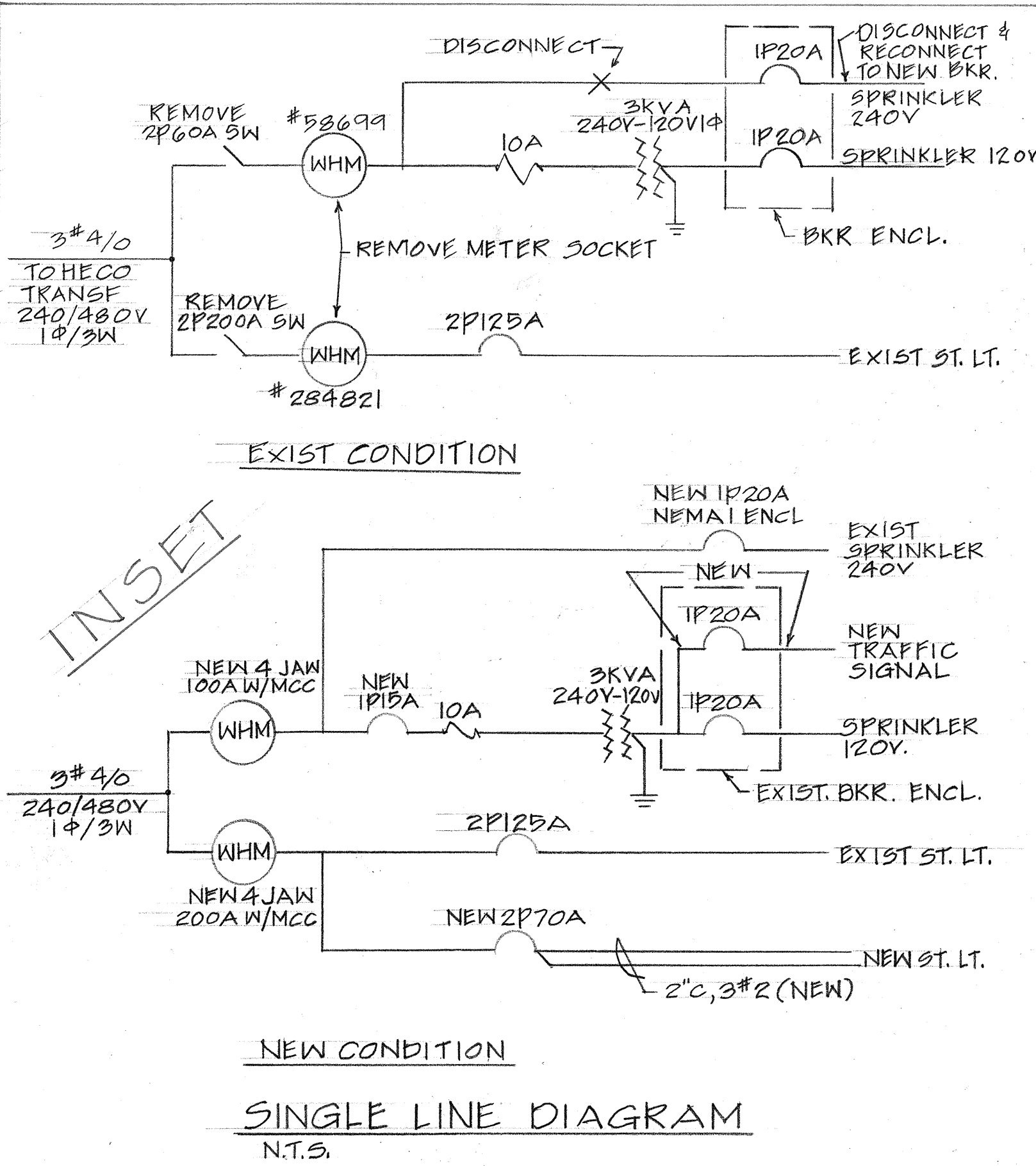
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHTING PLAN
STA. 54+71.74 TO END OF PROJECT
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUAPAANI STREET
F.A.I. Proj. No. I-H-1(96):13
Scale: As Shown Date: April, 1981
SHEET NO. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FAI-1(96)13	1981	83	112



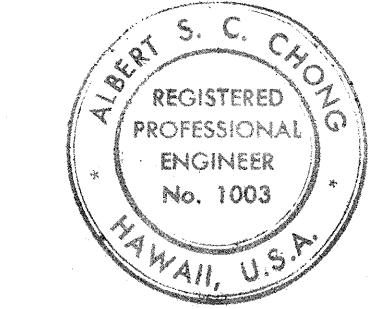
SINGLE LINE DIAGRAM



DRAWING B - C.C.O. #17

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO. BOOK	
NO.	

- NOTES:
1. NEUTRAL CONDUCTOR ~~NOT SHOWN~~ BUT MUST BE INSTALLED.
 2. ALL WIRING & EQUIP ARE NEW UNLESS OTHERWISE NOTED.
 3. L1 TO L17 EACH WITH 1-400 WATT HIGH PRESSURE SODIUM LUMINAIRE.
 4. L28 & L29 EACH WITH 1-250 WATT HIGH PRESSURE SODIUM LUMINAIRE.
 5. L22, L30, L31, L32 & L33. EACH WITH 1-250 WATT HIGH PRESSURE SODIUM LUMINAIRE.
 6. L23 TO L27 & L23A TO L27A EACH WITH 1-150 WATT HIGH PRESSURE SODIUM LUMINAIRE.
 7. ALL PULLBOXES NOT SHOWN.
- SHALL BE A SIMILAR WIRE AS THAT SPECIFIED IN THE DIFFERENT RUNS SHOWN ON THE SINGLE LINE DIAGRAM.



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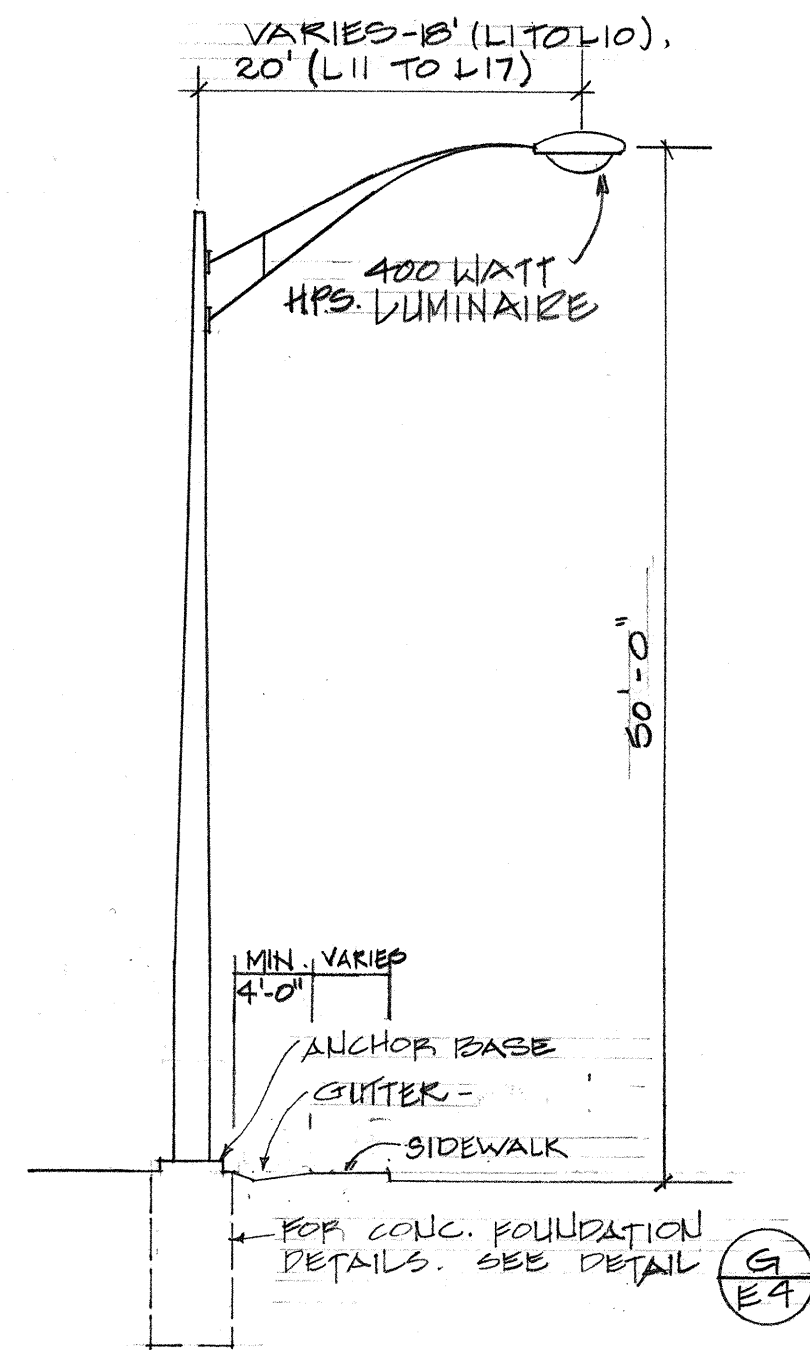
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHTING
SINGLE LINE DIAGRAM
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUPAANI STREET
FAI Proj. No. I-HI-1(96)13

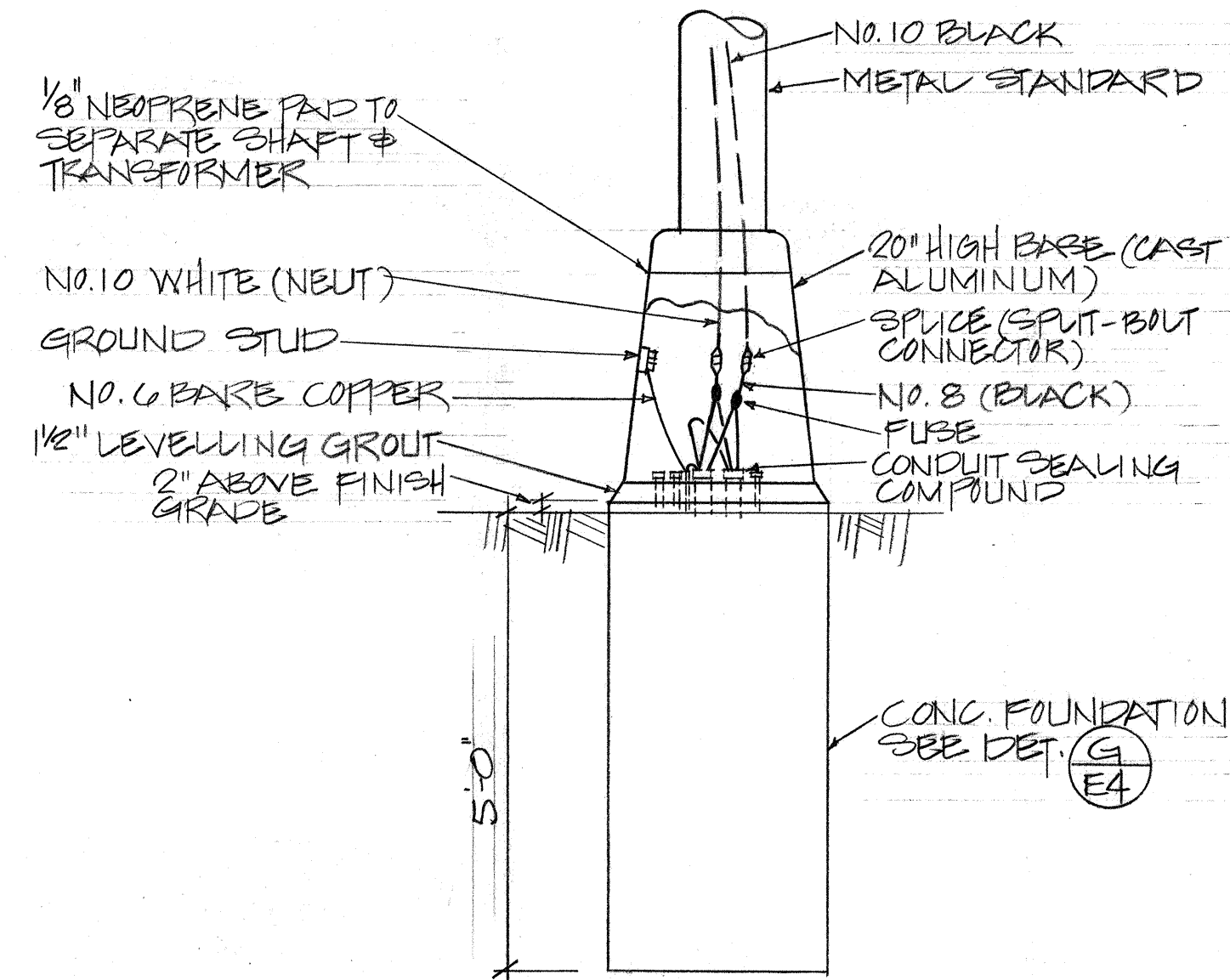
Scale: As Shown Date: April, 1981

SHEET NO. 3 OF 5 SHEETS

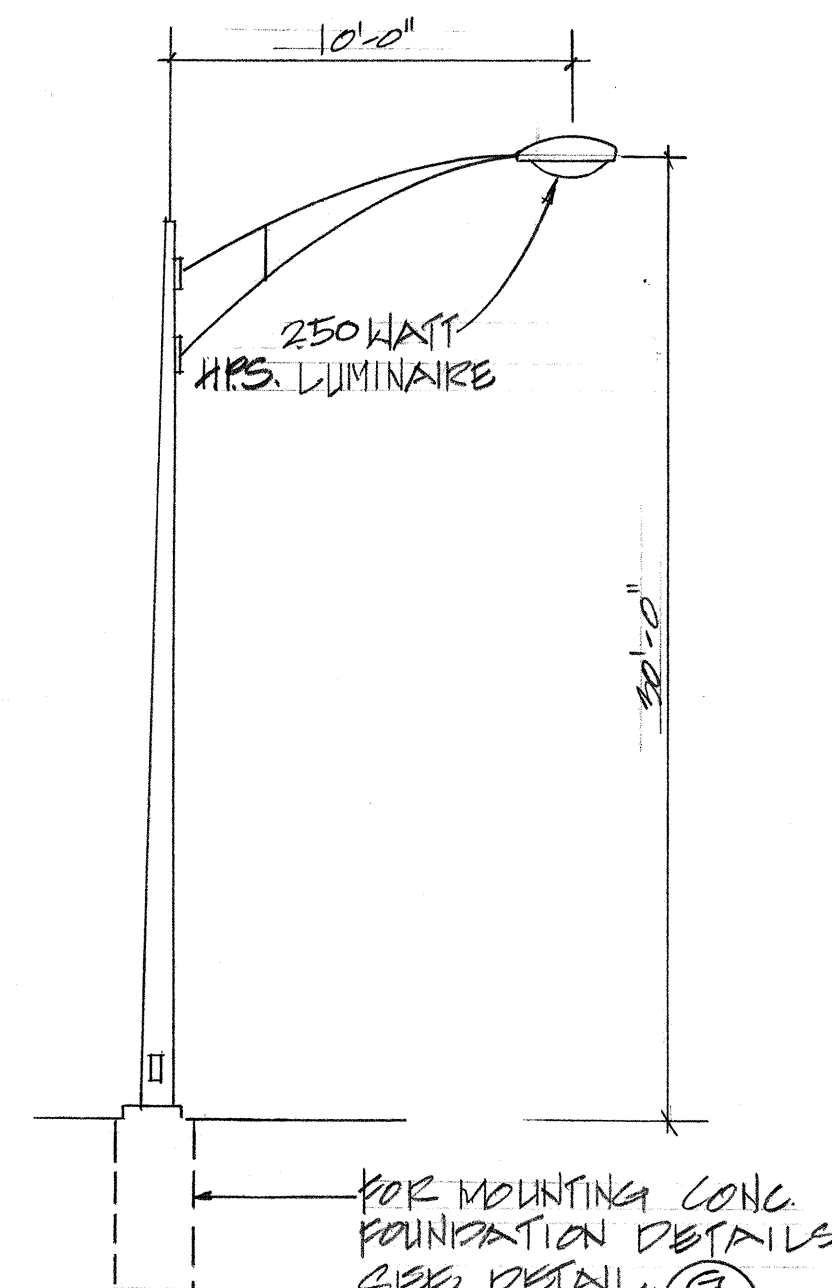
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-411(96)13	1981	84	112



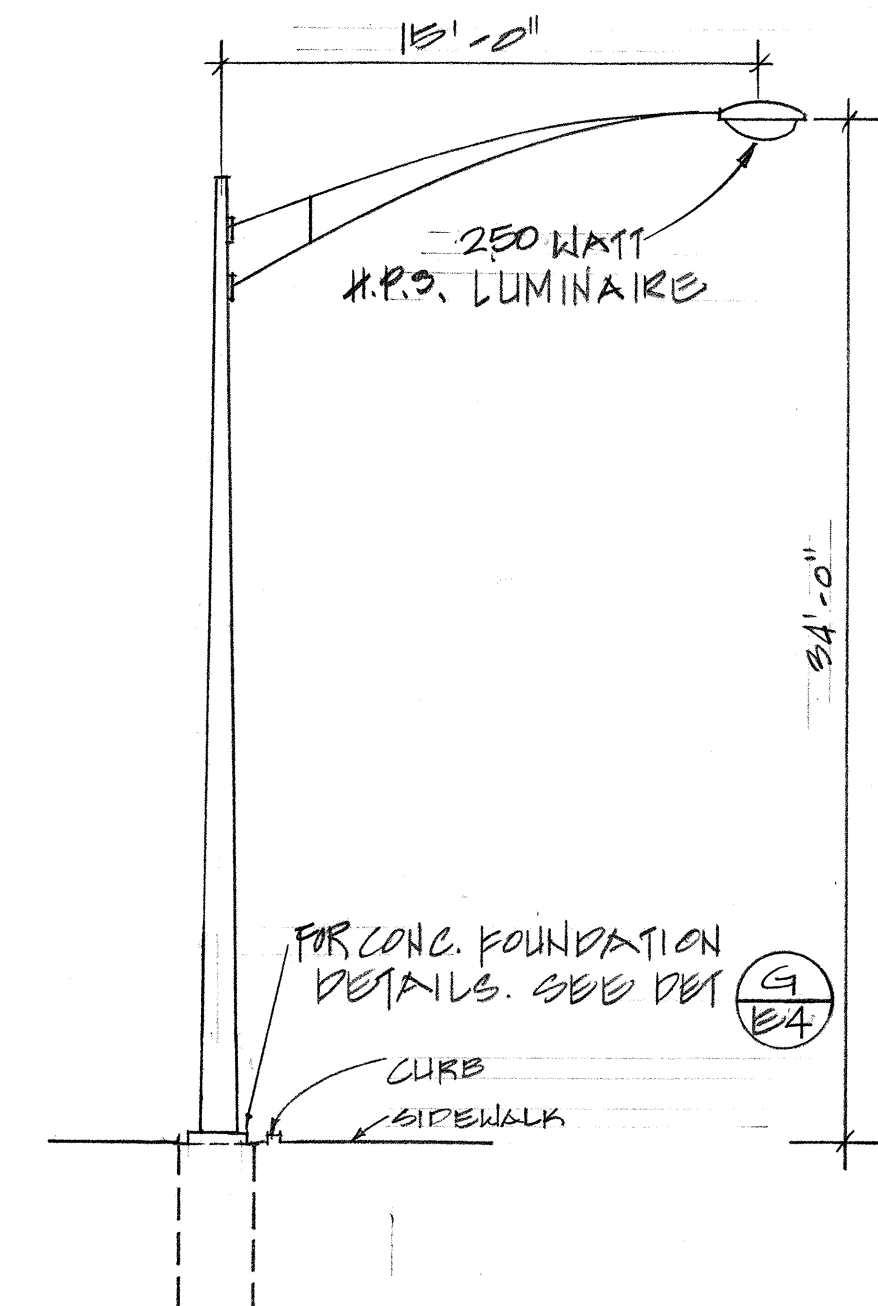
TYPE "A" LIGHTING STANDARD DET (A) E4
FOR STREET LIGHT L1 TO L17



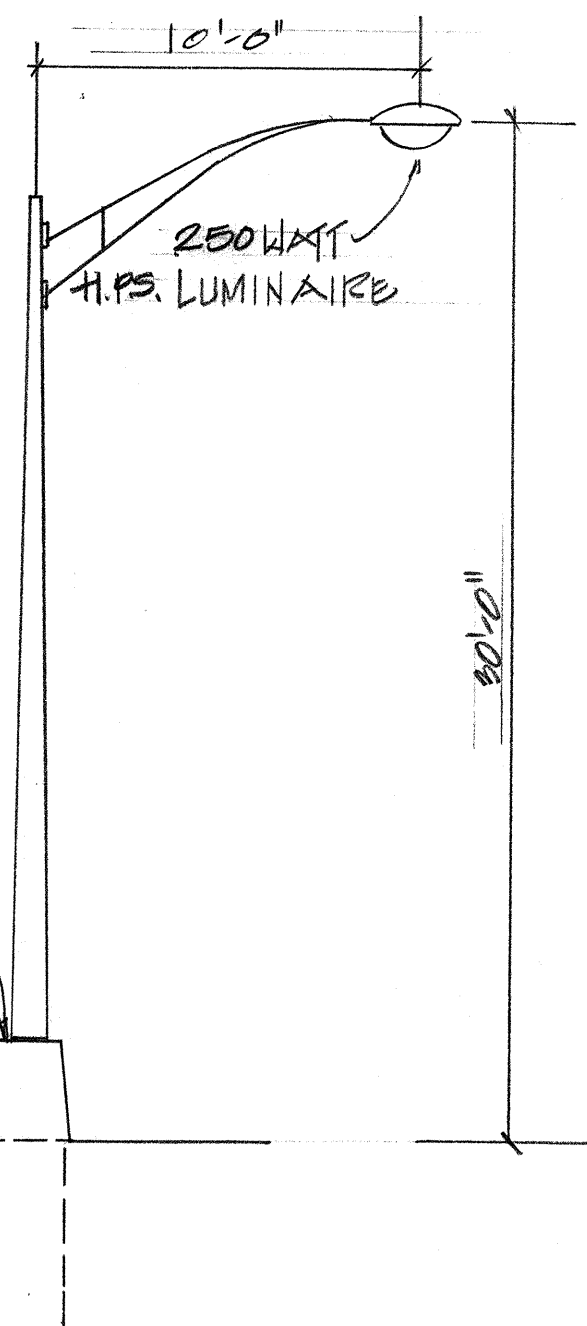
FOUNDATION FOR POLES WITH TRANSFORMER BASE (B) E4
N.T.S.



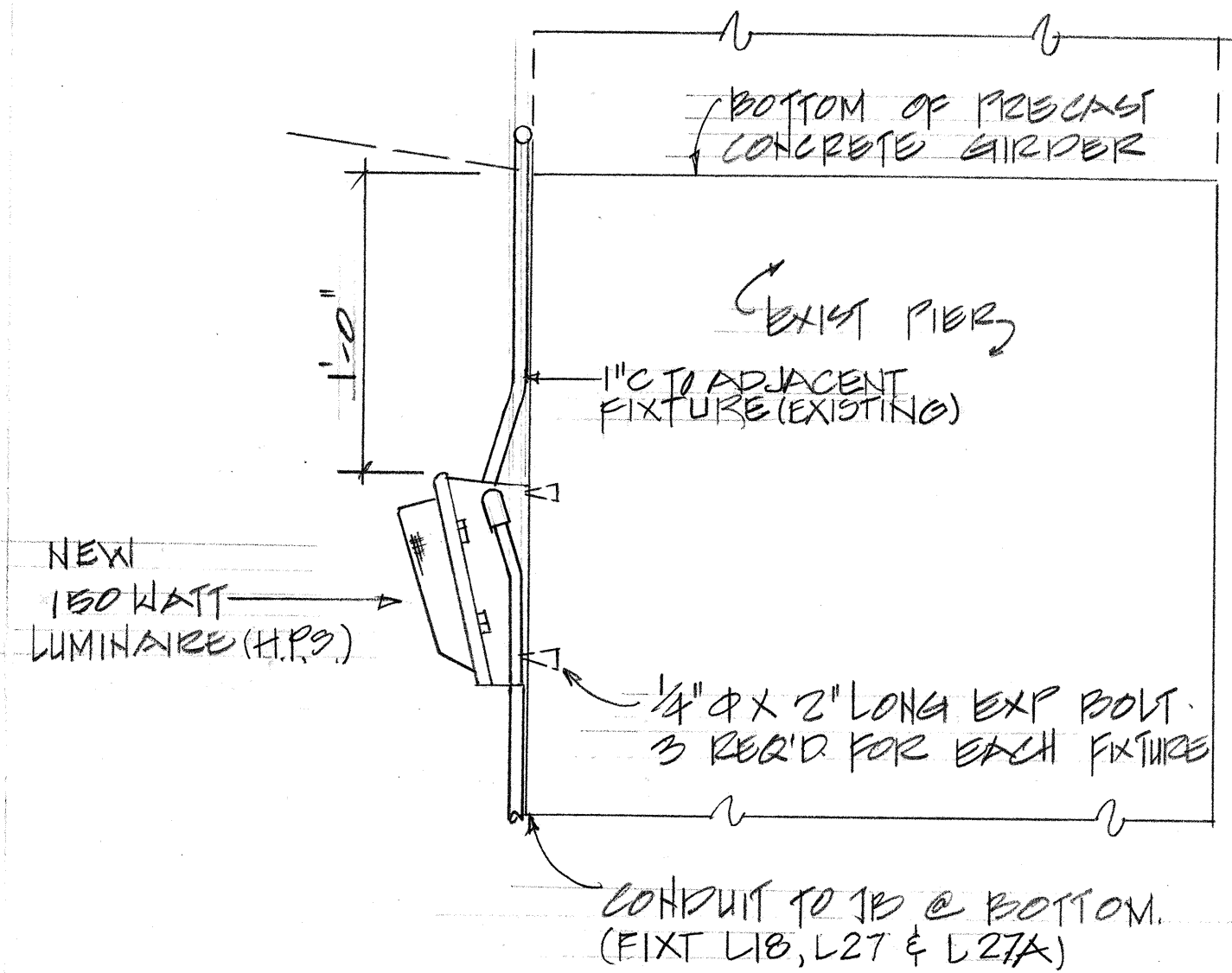
TYPE "B" LIGHTING STANDARD DET (C) E4
FOR STREET LIGHT L22



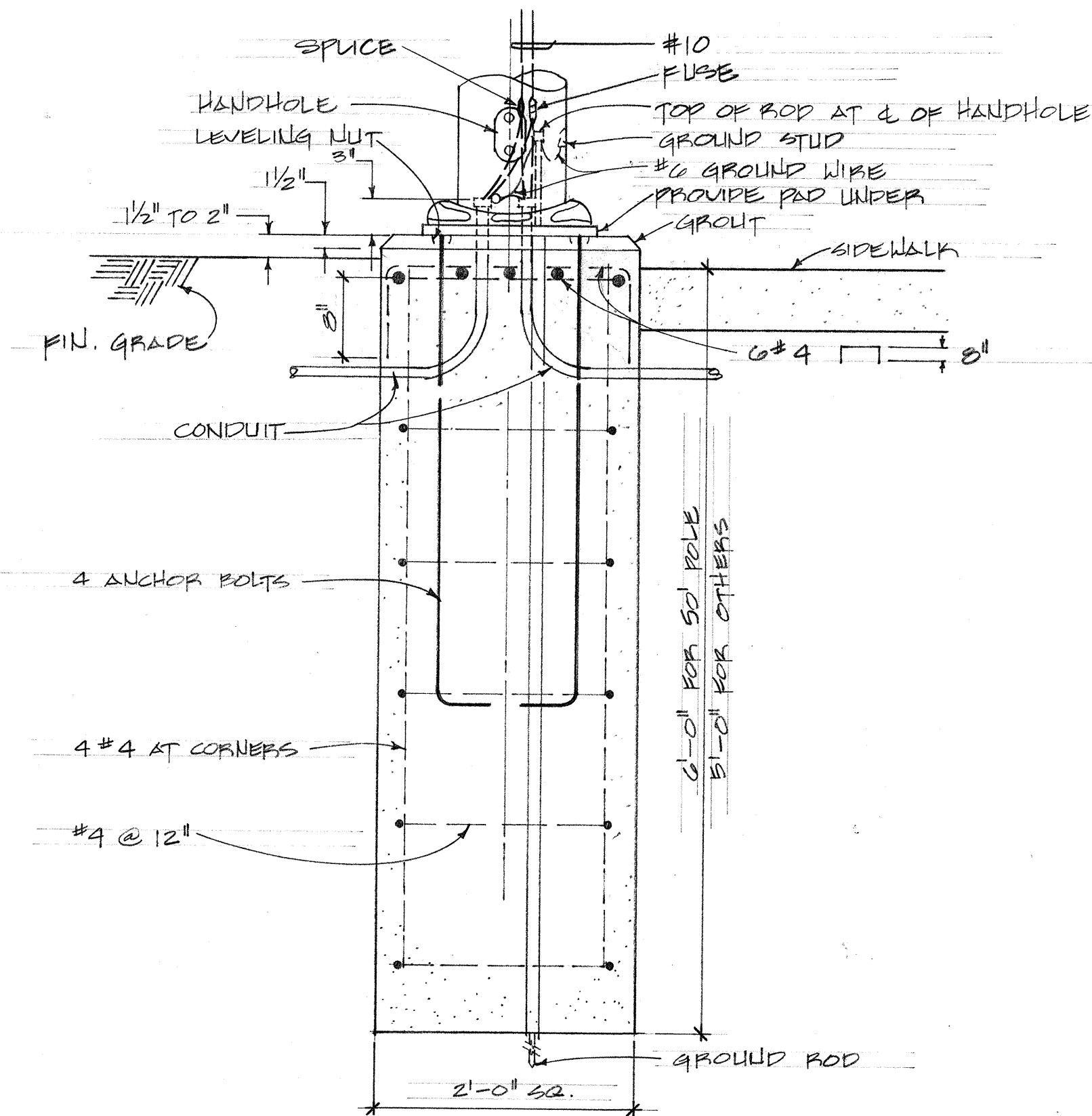
TYPE "C" LIGHTING STANDARD DET (D) E4
FOR STREET LIGHT L28 & L29



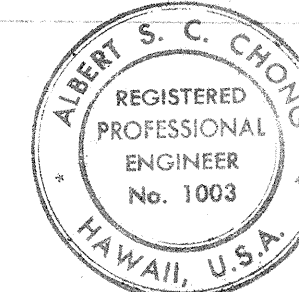
TYPE "D" LIGHTING STANDARD DET (E) E4
FOR STREET LIGHT L30, L31, L32 & L33



UNDERPASS LIGHTING DETAIL (F) E4
FOR L18 TO L21, L25 TO L27 & L28A TO L27A



LIGHTING STANDARD FOUNDATION (G) E4
FOR LOCATIONS BEHIND SHOULDERS & SIDEWALK
SCALE: (N.T.S.)



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHTING DETAILS
INTERSTATE ROUTE H-1
HALAWA INTERCHANGE
KAHUPAANI STREET
F.A.I. Proj. No. I-HI-1(96)13
Scale: As Shown Date: April, 1981
SHEET No. 4 OF 5 SHEETS

