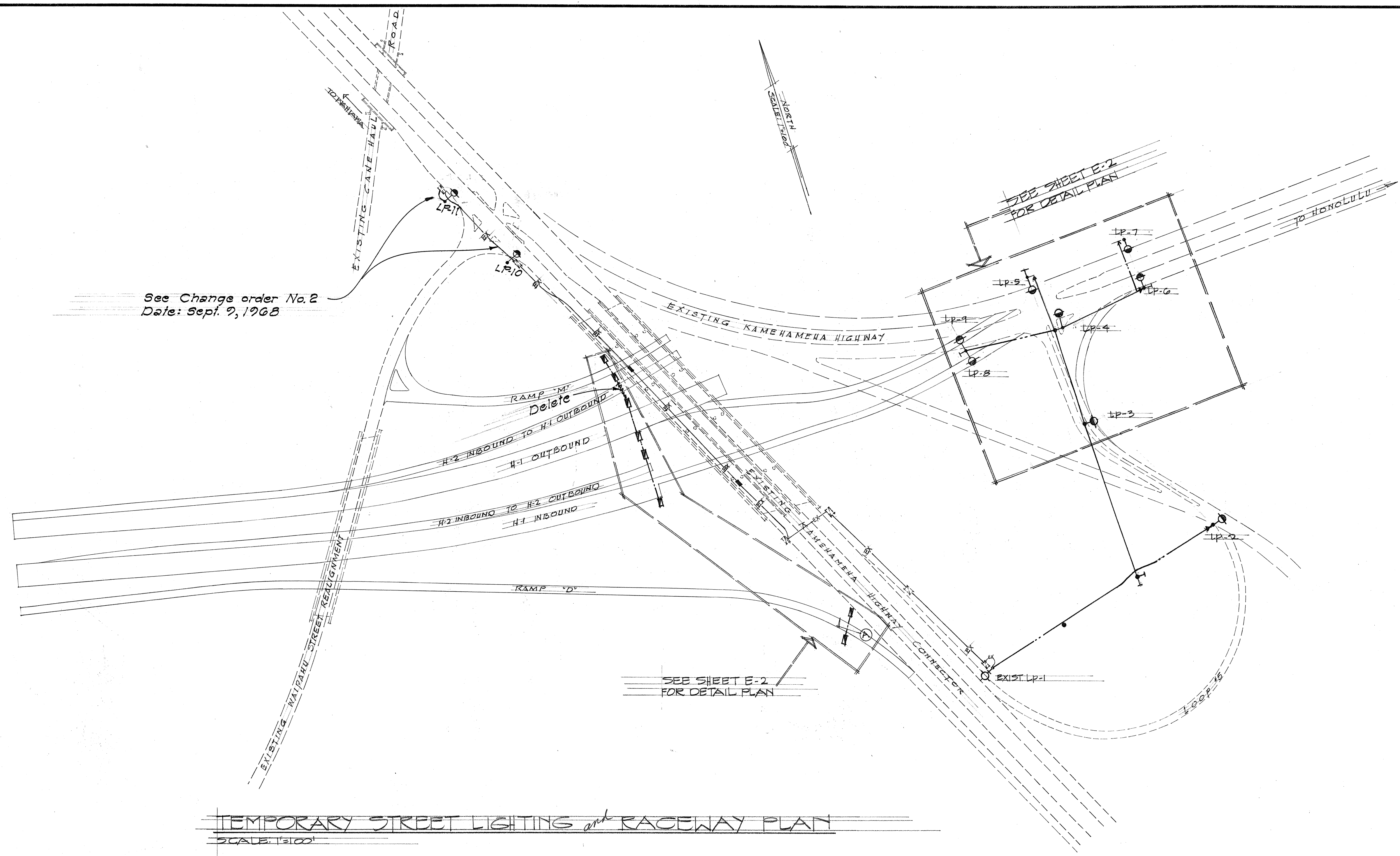


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-1(44)8	1967	24	28

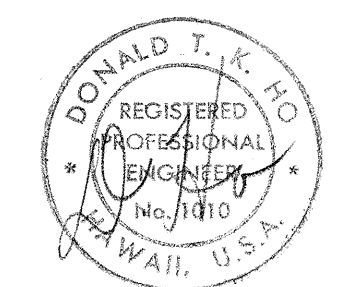
- LEGEND**
- NEW STREET LIGHTS ON WOOD POLES. SEE DET. ON SHEET E-3
 - EXISTING STREET LIGHT ON WOOD POLES.
 - NEW STREET LIGHT HANDHOLE
 - EXISTING STREET LIGHT HANDHOLE
 - EXISTING STREET LIGHT JUNCTION BOX IN BRIDGE STRUCTURE
 - NEW CONCRETE ENCASED RACEWAY
 - NEW OVERHEAD CIRCUIT, NO. 6 AWG COPPER TRIPLEX WITH NO. 2 STEEL MESSENGER
 - NEW WOOD POLES, 35 FT., CLASS 5
 - EX EXISTING CONDUITS
 - △ (A) DUCT SECTION INDICATOR
 - - - EXISTING ROADWAY
 - NEW ROADWAY

NOTE:
CONTRACTOR SHALL OBTAIN APPROVAL OF POLE LOCATIONS FROM PROJECT ENGINEER PRIOR TO INSTALLATION



TEMPORARY STREET LIGHTING and RACEWAY PLAN
SCALE: 1"=100'

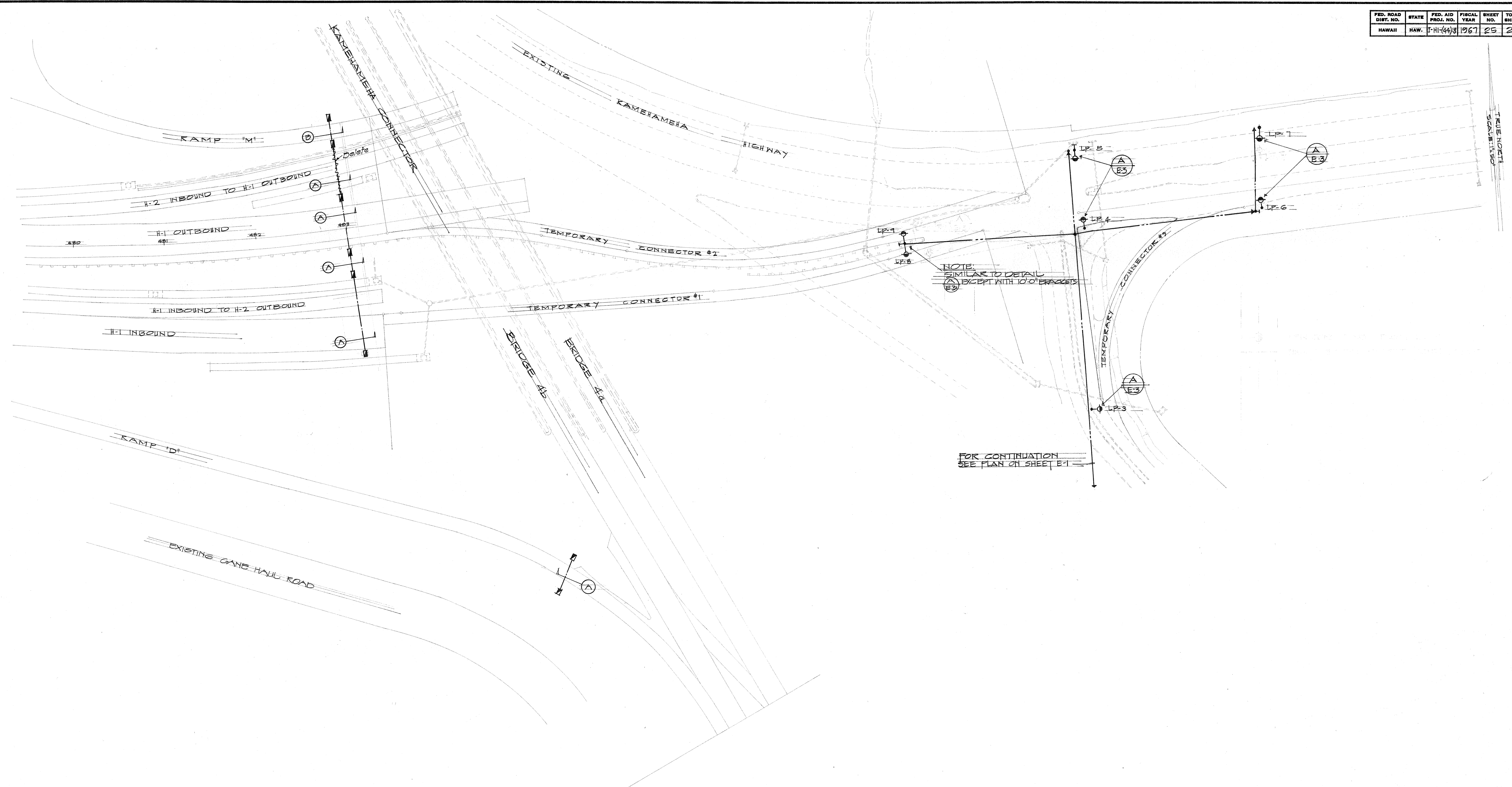
ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	



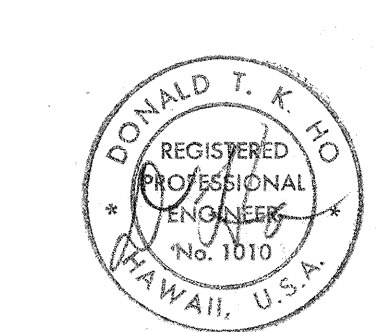
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
HAWAII INTERCHANGE	
TEMPORARY STREET LIGHTING PLAN	
F.A.I. PROJECT NO. I-H-1(44)8	DATE JAN. 1968
SHEET No. E-1 OF 4 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-44-8	1967	25	28



PARTIAL STREET LIGHTING PLAN
 SCALE: 1"=50'-0"



THIS WORK WAS PREPARED BY
 ME OR UNDER MY SUPERVISION,

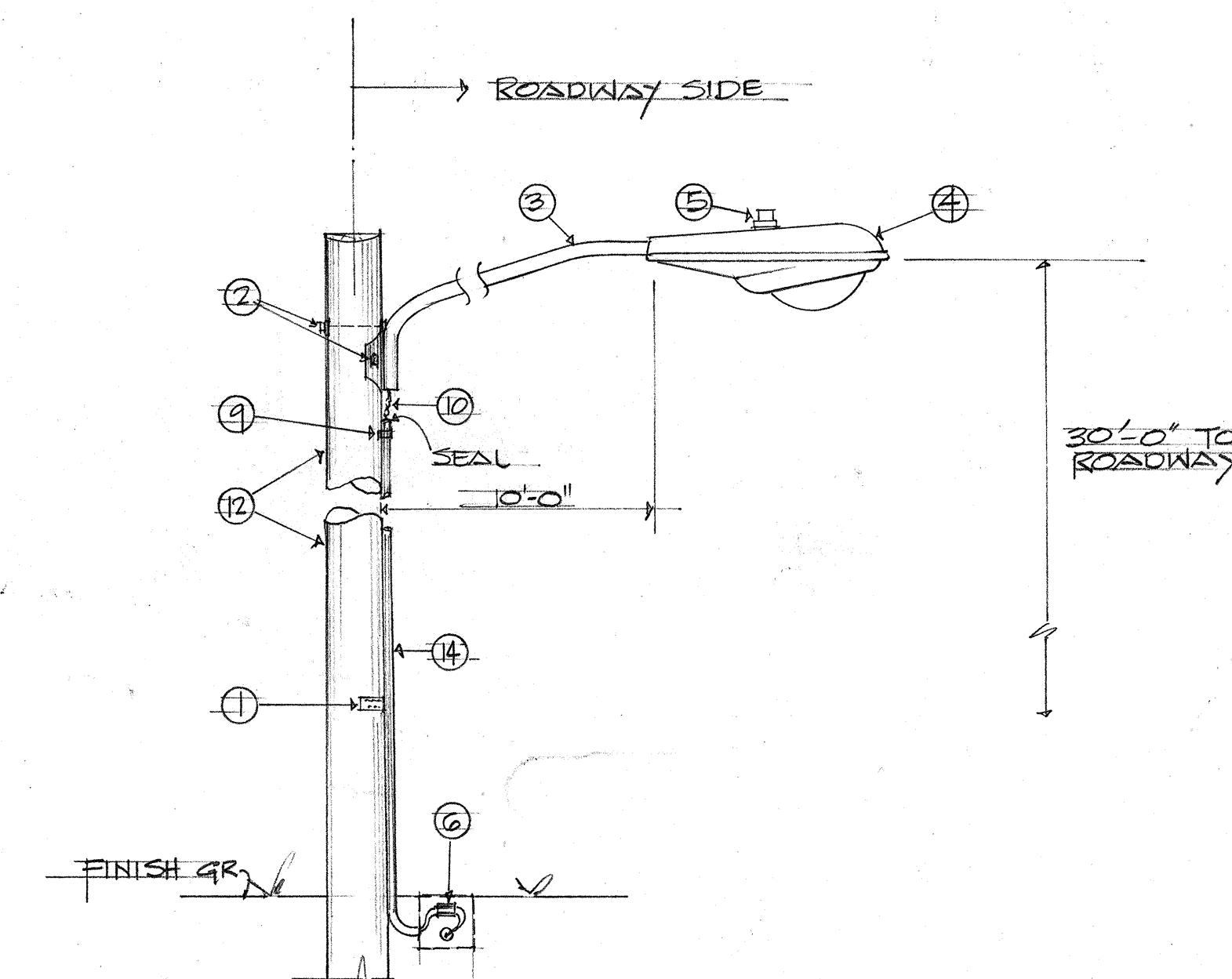
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
WAIAWA INTERCHANGE PARTIAL STREET LIGHTING PLAN	
F.A.I. PROJECT NO. I-H-44-8	DATE: JAN. 1968
SCALE: AS SHOWN	

SHEET No. E2 OF 4 SHEETS

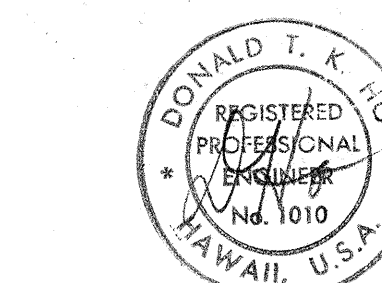
ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

MATERIAL LIST FOR STREET LIGHTING DETAILS

ITEM NO.	ITEMS	REMARKS
①	IDENTIFICATION TAG	
②	LUMINAIRE BRACKET MOUNTING HARDWARE	
③	LUMINAIRE BRACKET	
④	LUMINAIRE	
⑤	PHOTOELECTRIC CONTROL UNIT	
⑥	FUSED AND THRU CONNECTORS	
⑦	TAP CABLES (SOURCE CABLES)	
⑧	CONDUIT SLEEVE	1" PVC SCHEDULE 40
⑨	TWO HOLE CONDUIT STRAP	GALV. STEEL
⑩	LUMINAIRE CABLE (LOAD SIDE CABLE)	
⑪	CONNECTOR	
⑫	WOOD POLE 35'-0", CLASS 5	
⑬	EYE BOLT	
⑭	CONDUIT GALVANIZED RIGID STEEL UP TO 2'-0" ABOVE GRADE, PVC SCHEDULE 40 ABOVE 2'-0"	3/4" C

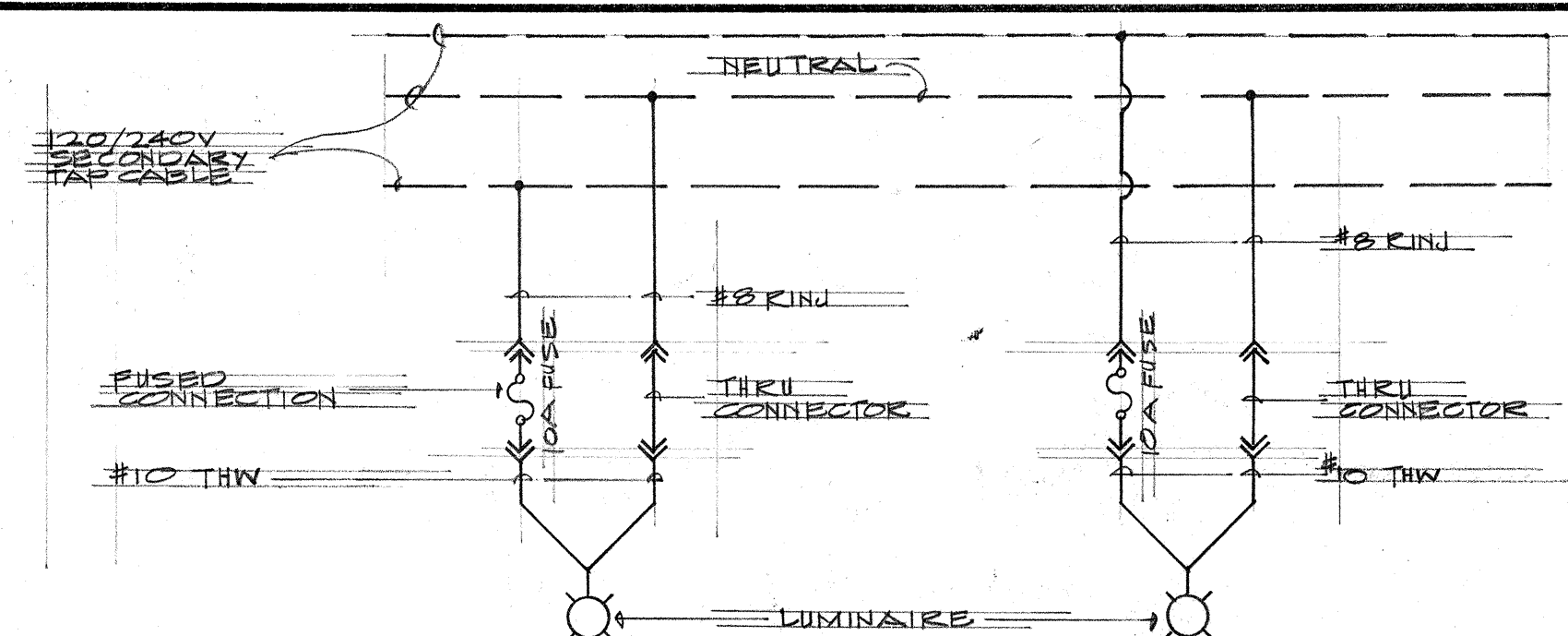


F
E-3
DETAIL - STREET LIGHTING WITH UNDERGROUND RISER SERVICE
NOT TO SCALE

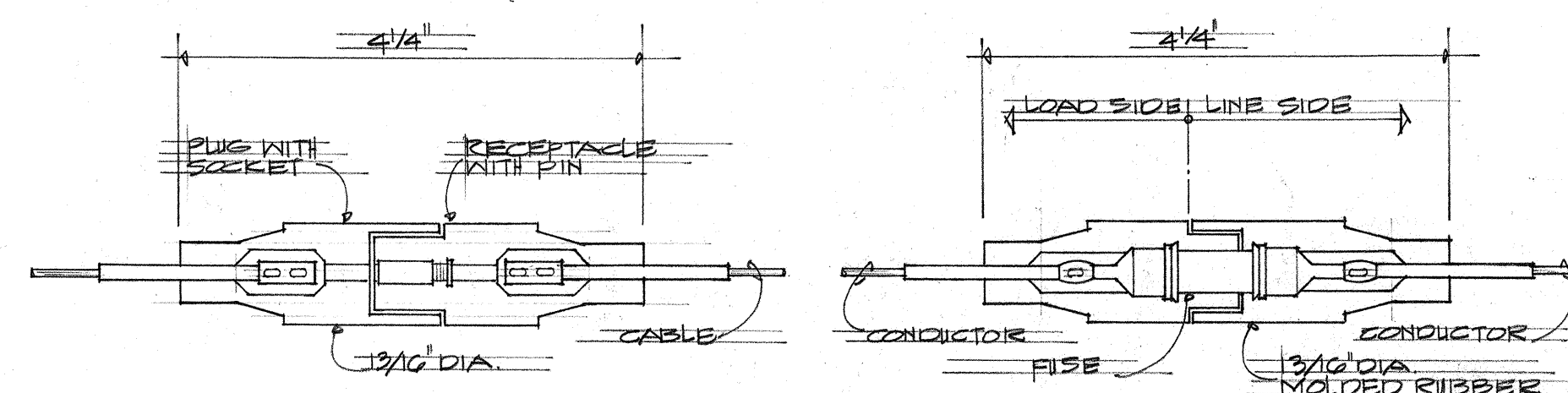


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

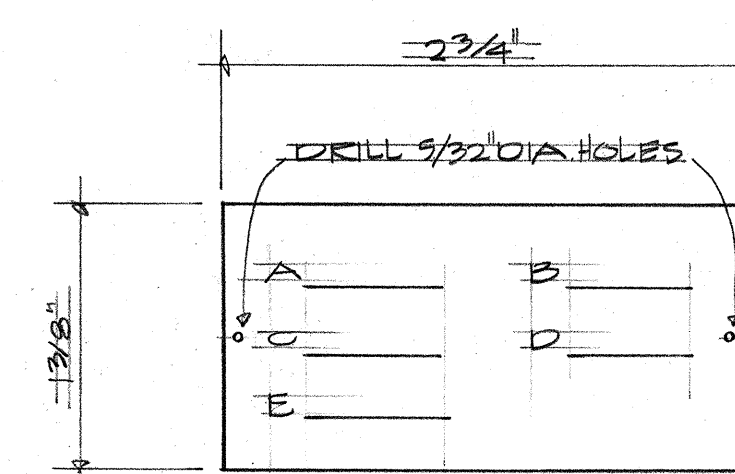
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
WAIKAWA INTERCHANGE	
STREET LIGHTING DETAILS	
FAT PROJECT NO I-H-1 (44) 8	DATE JAN 1968
SHEET No. E3 OF 4 SHEETS	



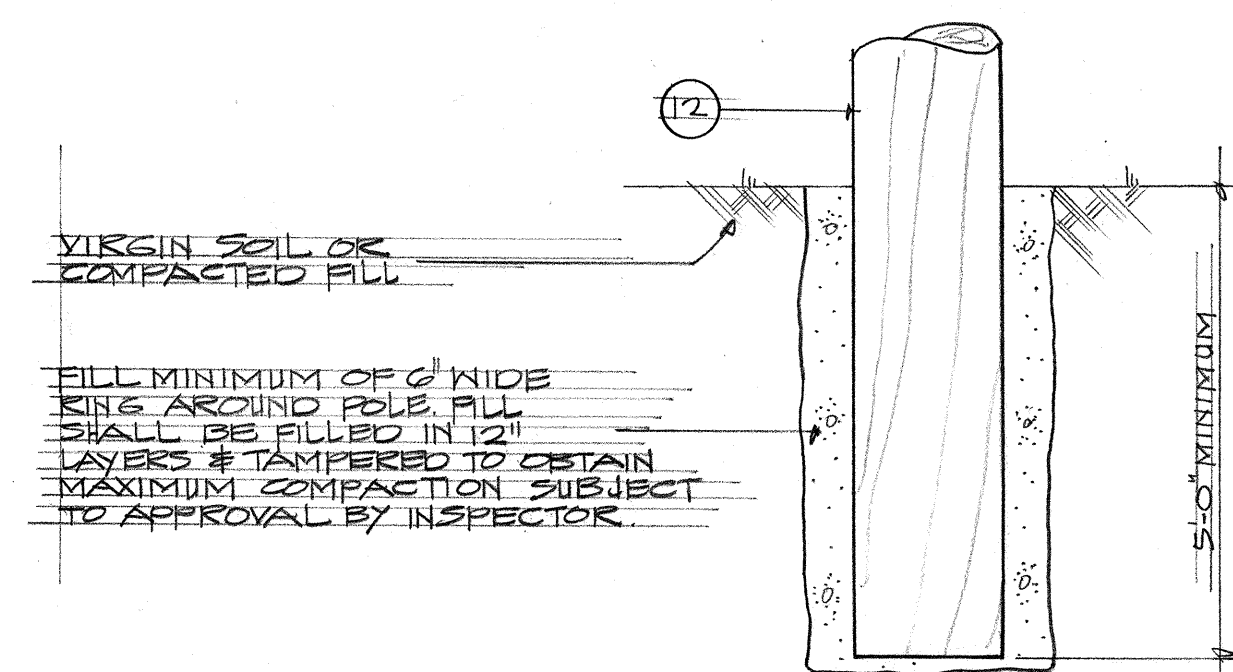
B
E-3
TYPICAL STREET LIGHTING CIRCUIT SCHEMATIC DIAGRAM



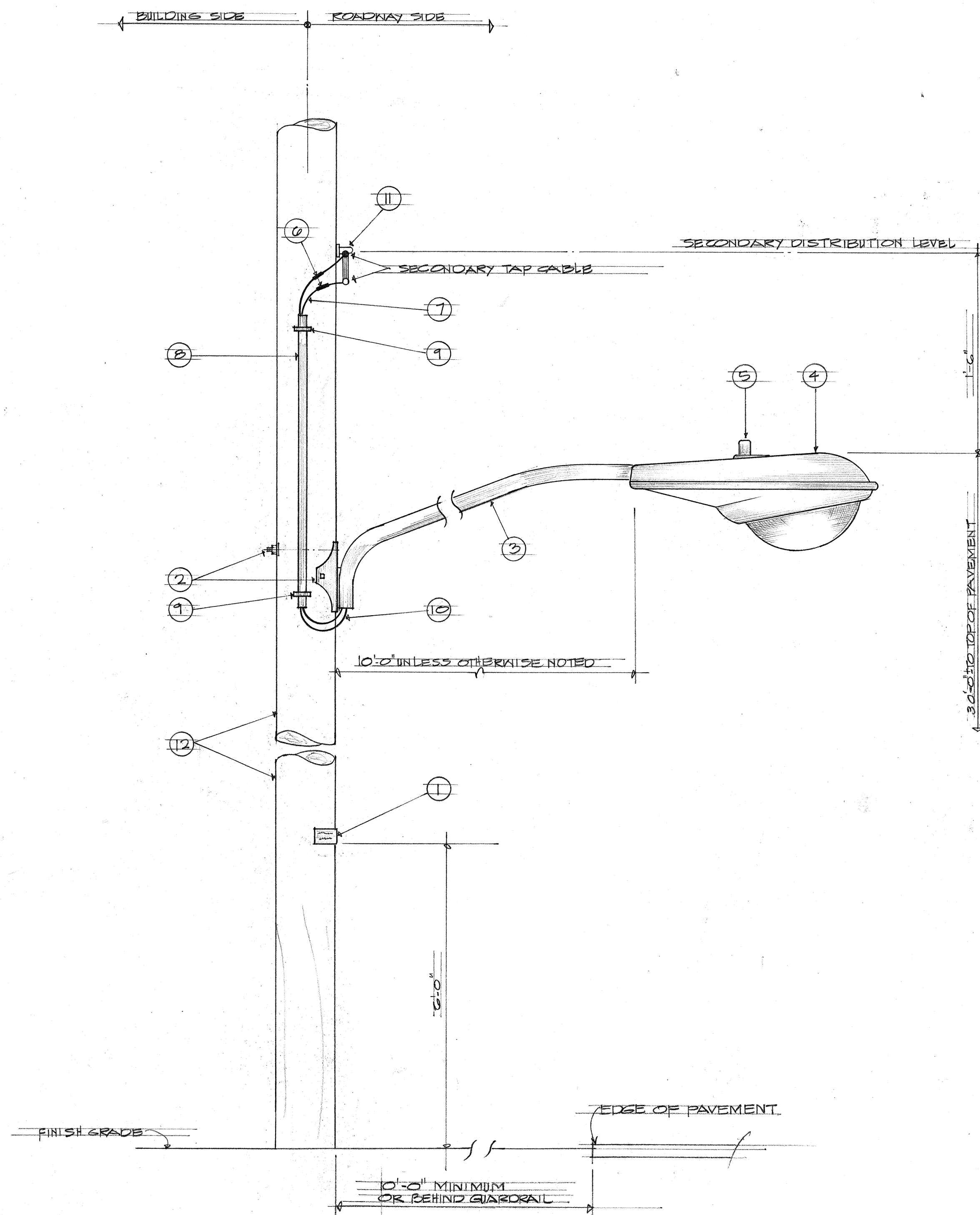
C
E-3
CONNECTORS
NOT TO SCALE



D
E-3
IDENTIFICATION TAG DETAIL
NOT TO SCALE



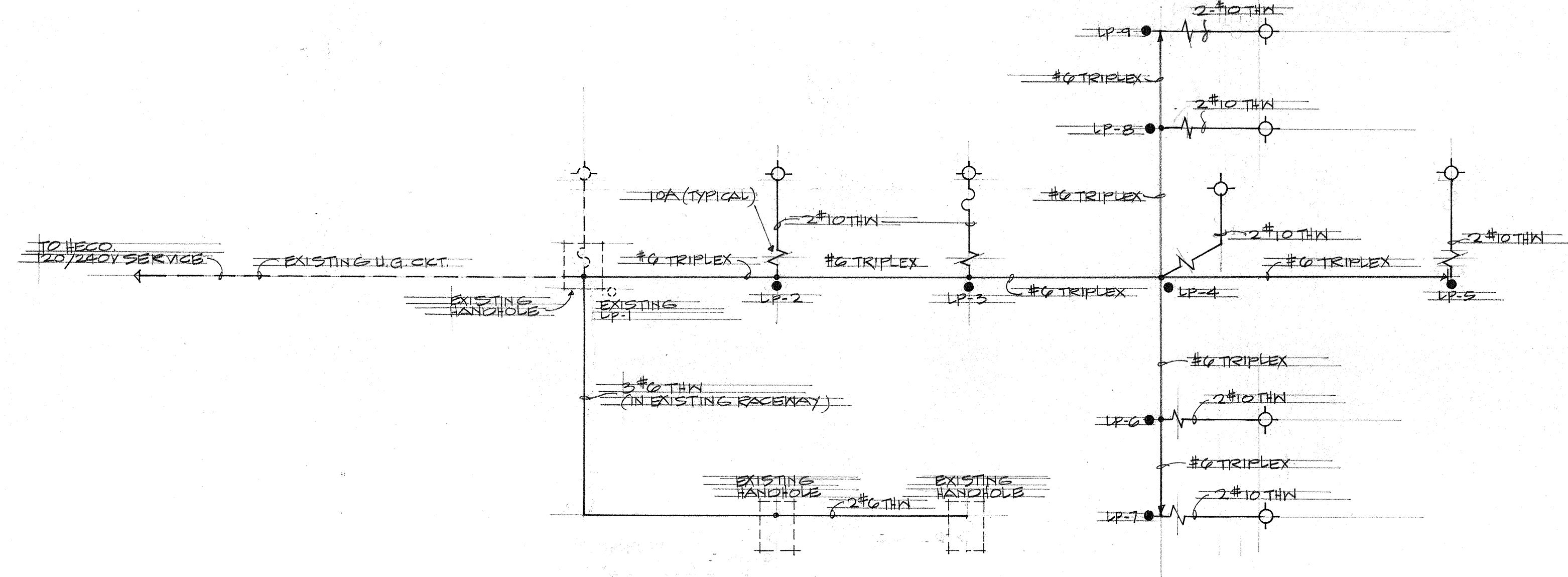
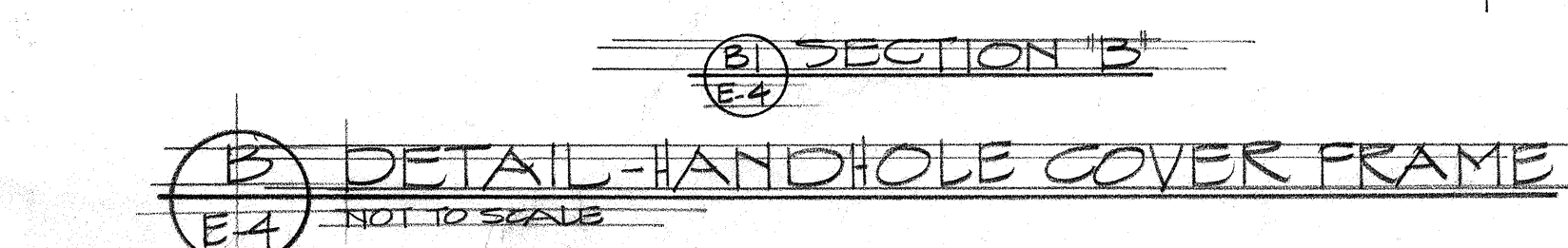
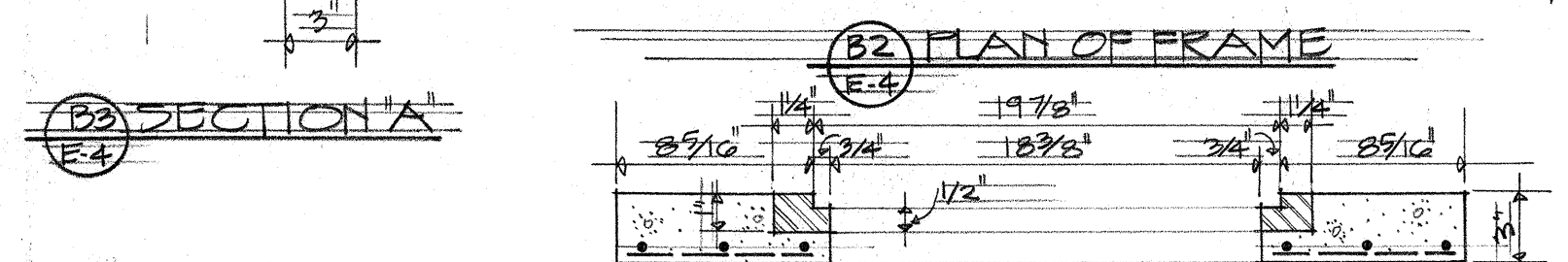
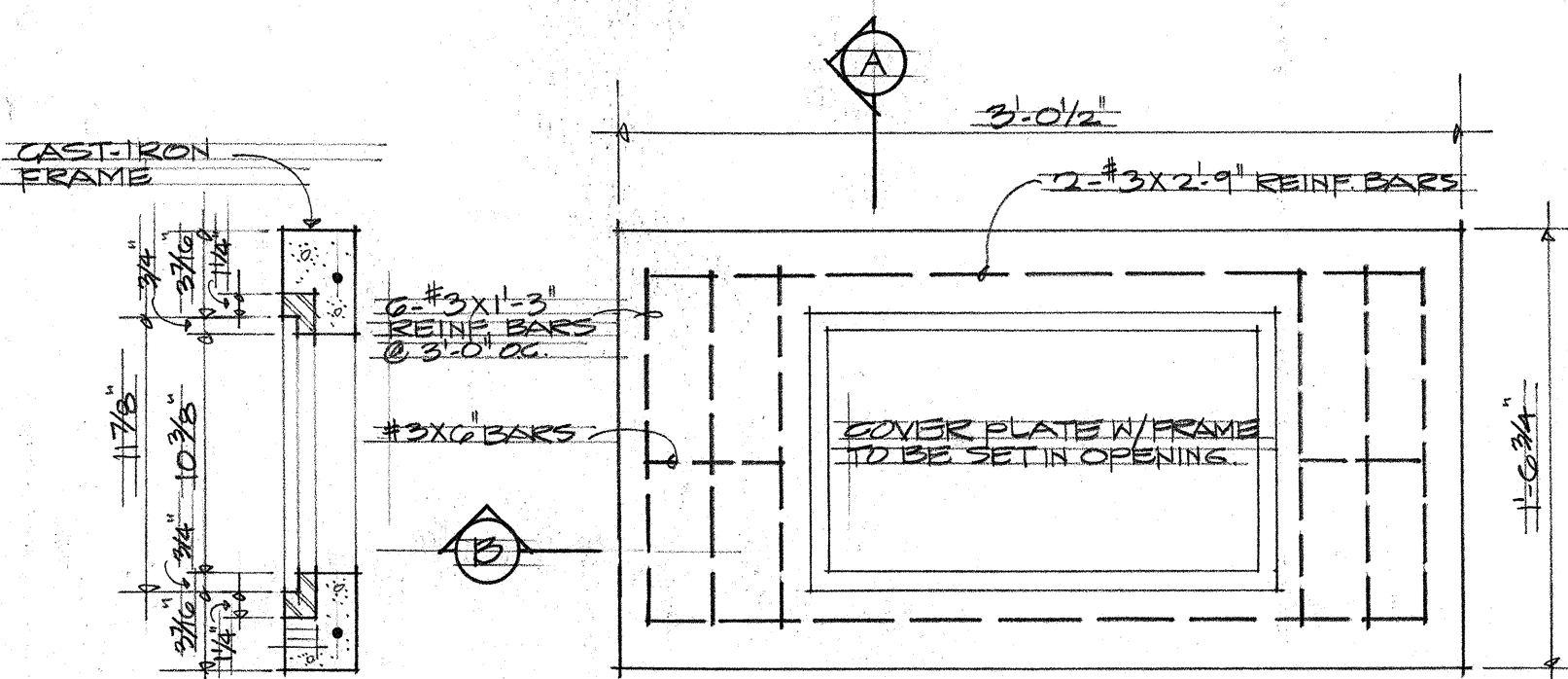
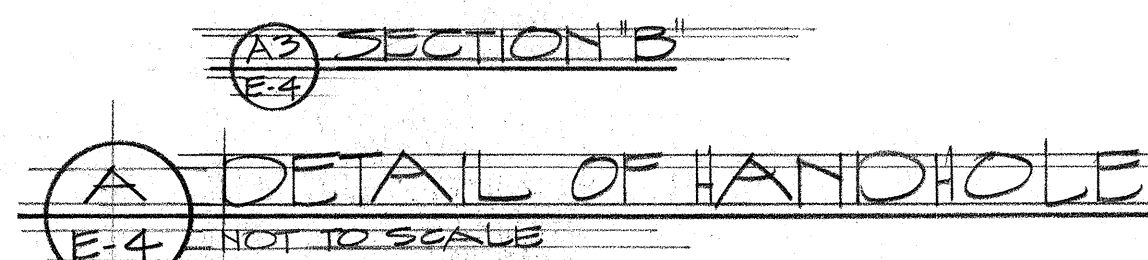
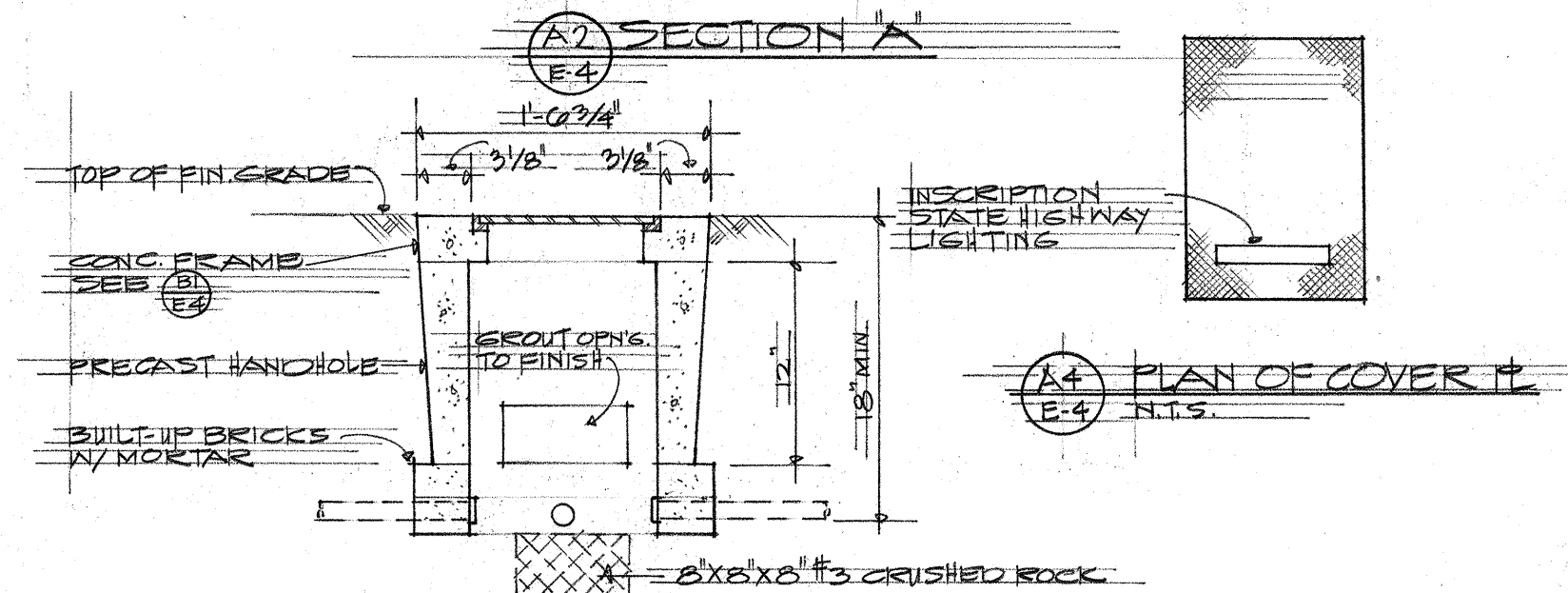
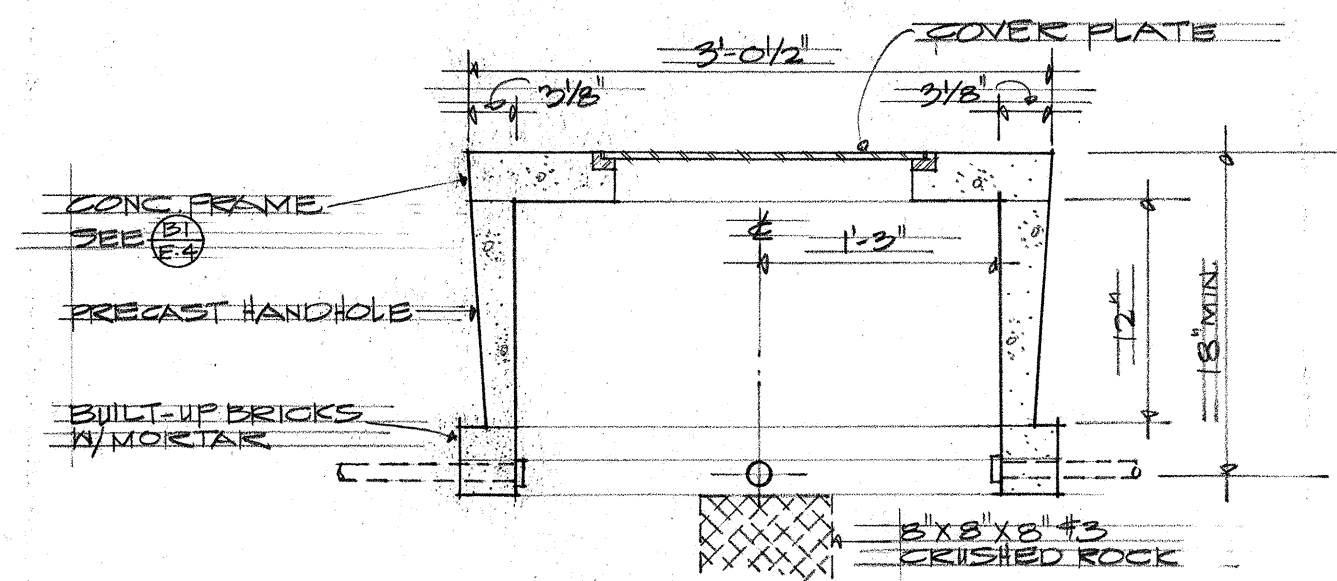
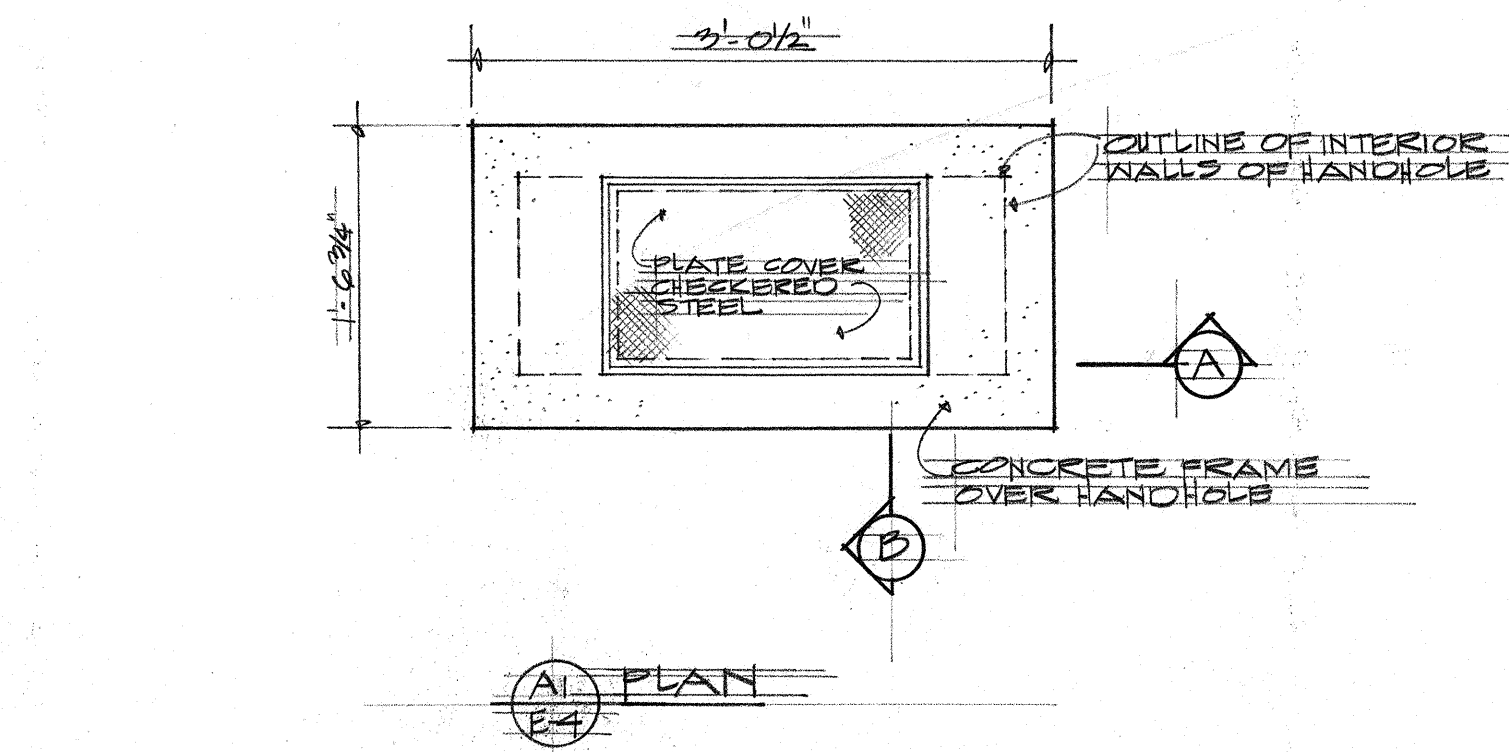
E
E-3
POLE SETTING DETAIL
NOT TO SCALE



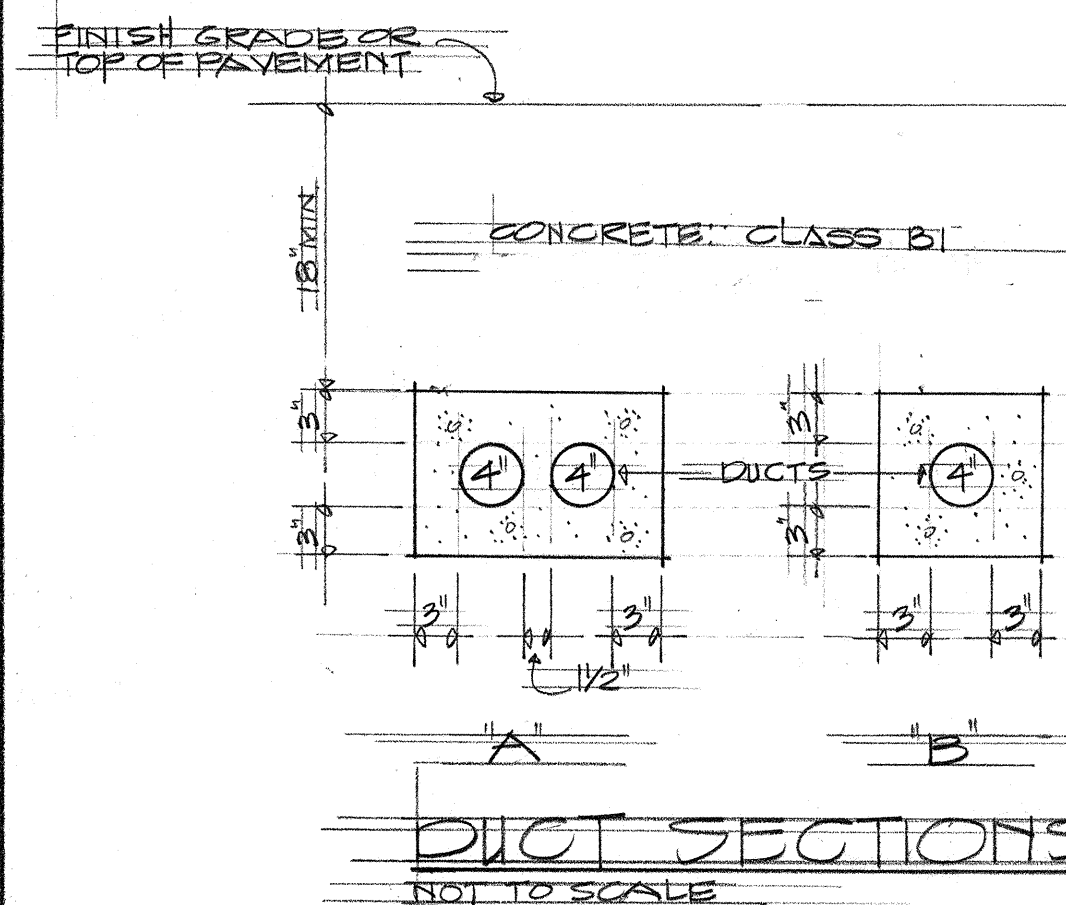
A
E-3
STREET LIGHTING CONSTRUCTION DETAIL
NOT TO SCALE

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

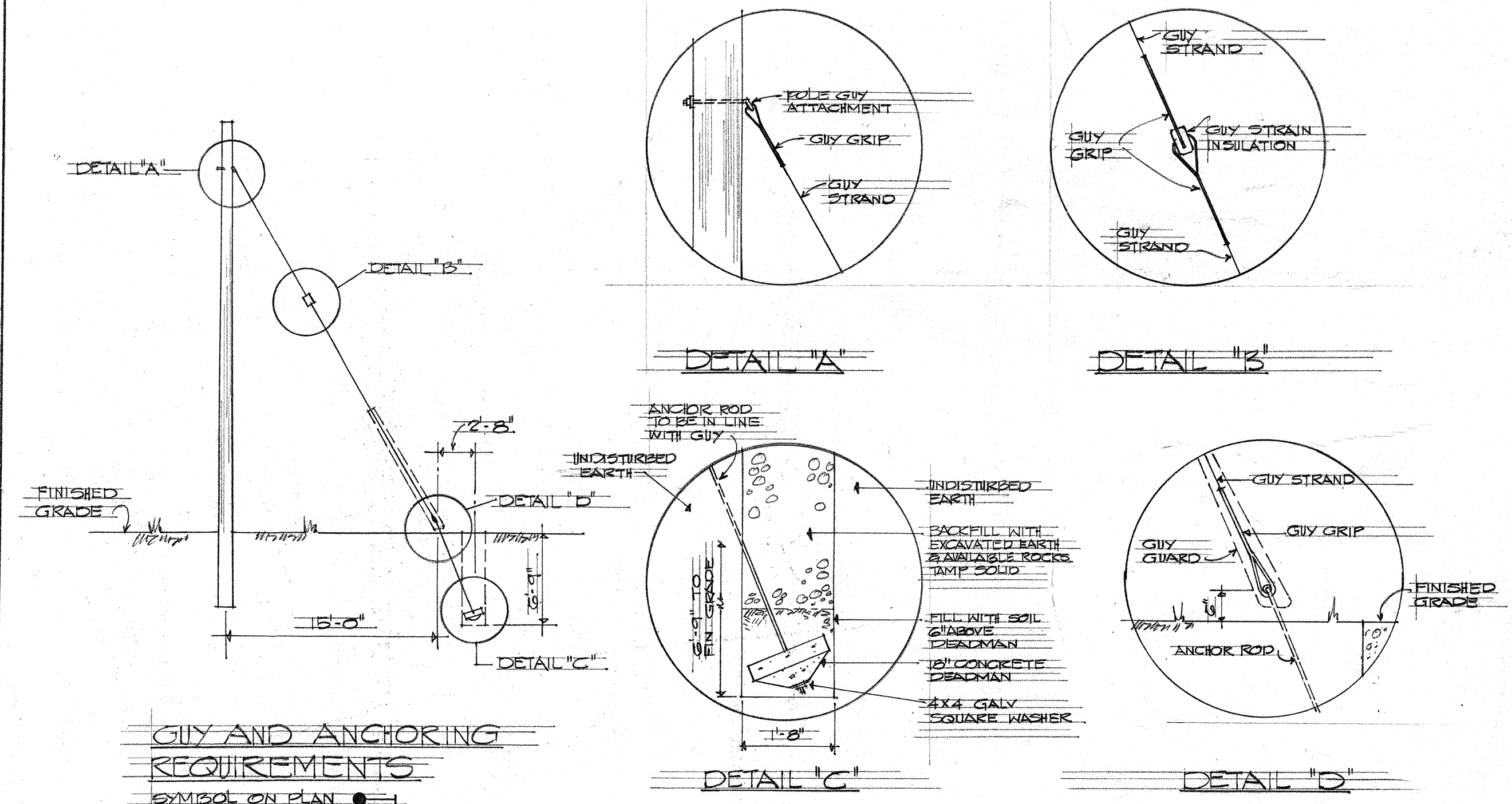
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-144-8	1967	27	28



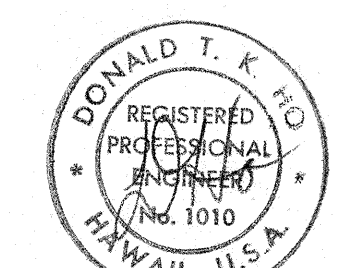
ONE LINE DIAGRAM



DUCT SECTIONS



GUY AND ANCHORING REQUIREMENTS



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIKANA INTERCHANGE

ONE LINE DIAGRAM
DUCT SECTIONS

PROJECT NO. I-HI-1(44)-8

SCALE AS SHOWN DATE JAN. 1968

SHEET No. E-4 OF 4 SHEETS