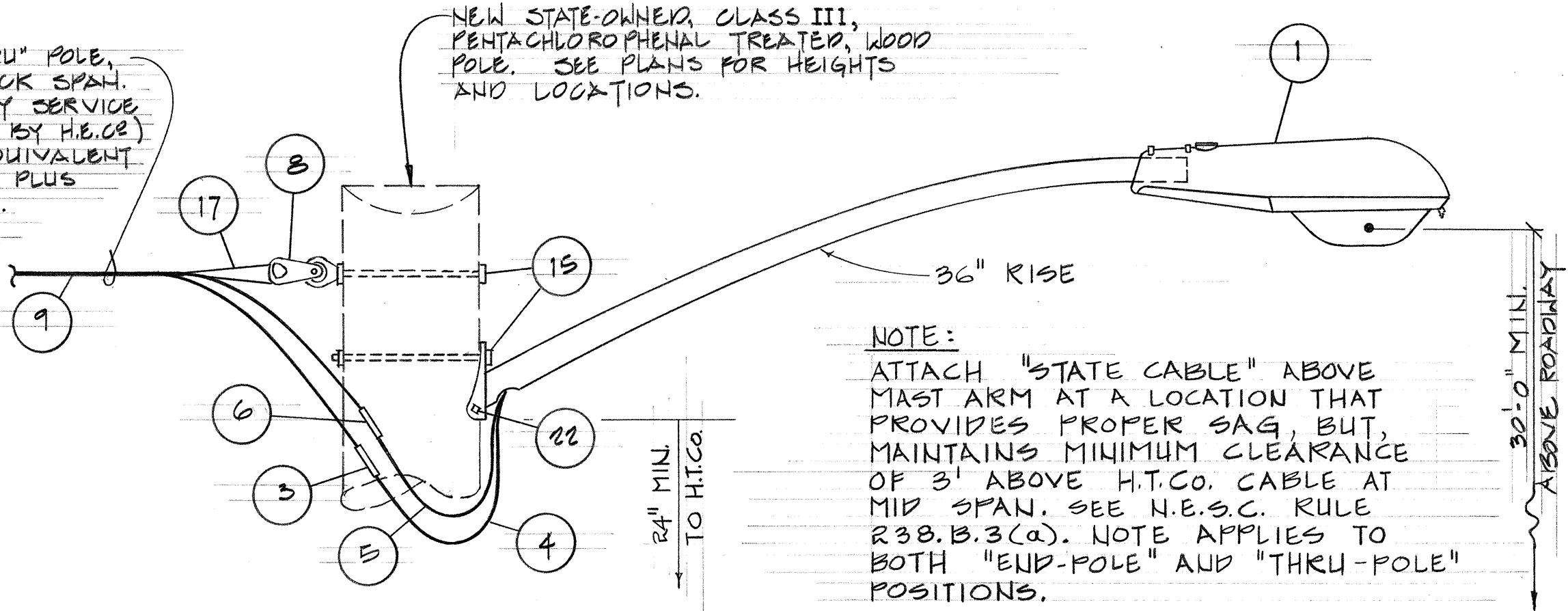


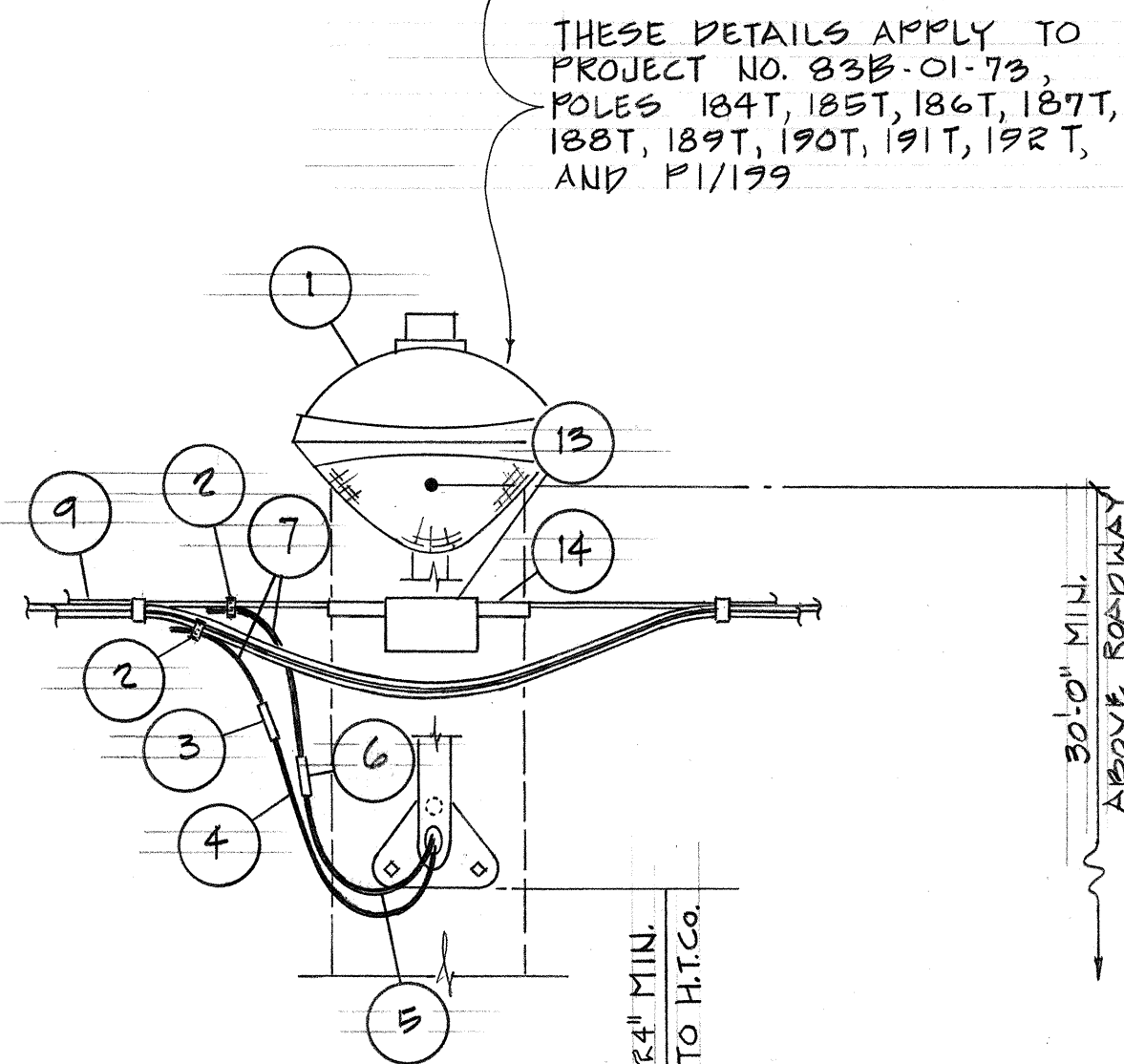
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-73 83D-01-73	1974	6	6

WHEN NEXT POLE IS A "THRU" POLE, PROVIDE CABLE FOR SLACK SPAN. WHEN SPAN IS TO SECONDARY SERVICE, JOINT POLE (CONNECTION BY H.E.CO.) PROVIDE SLACK CABLE EQUIVALENT TO POLE-TO-POLE DISTANCE PLUS ADDITIONAL 10' MINIMUM. COIL ON STATE POLE.

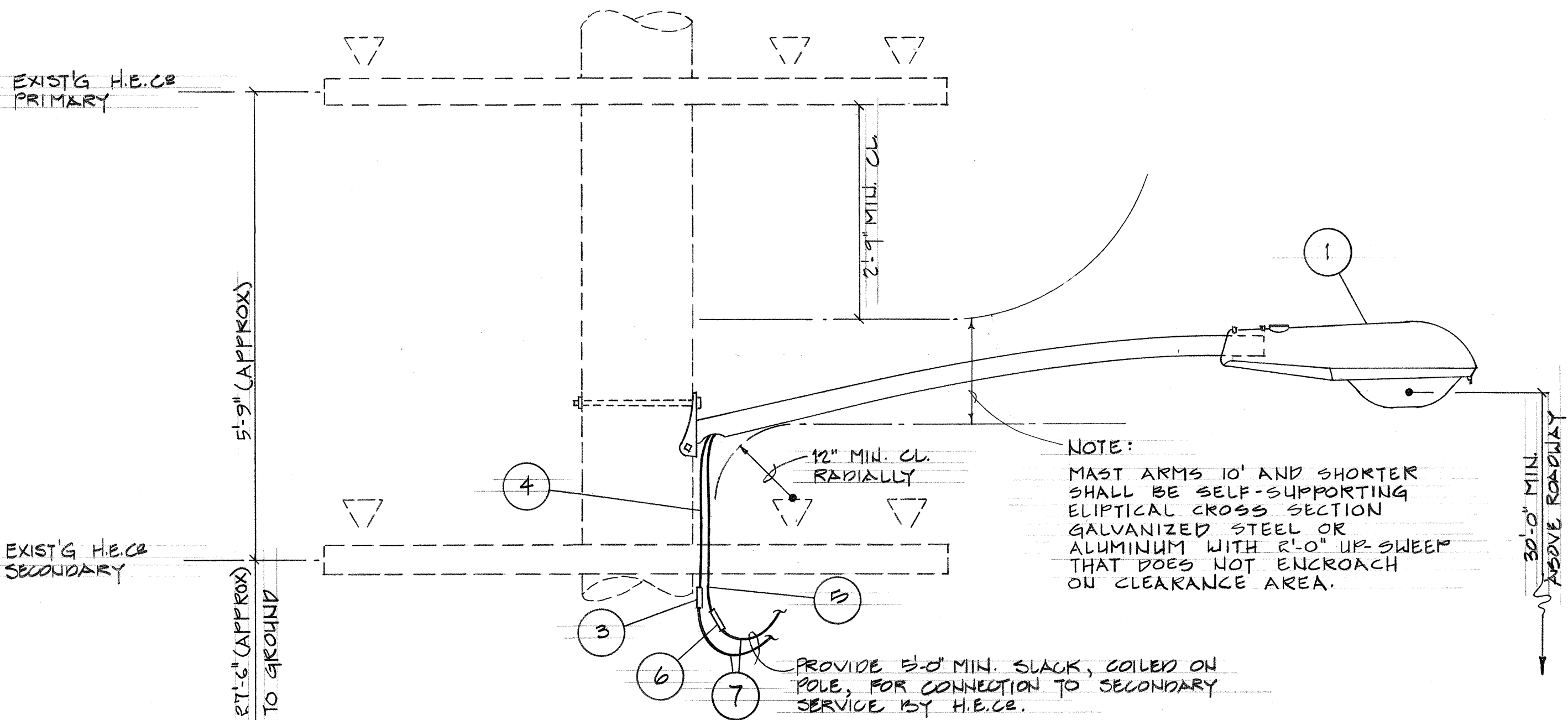


TYPICAL "END-POLE" LUMINAIRE ATTACHMENT FOR "STATE CABLE"
N.T.S.

ITEM NO.	DESCRIPTION
1	LUMINAIRE, TYPE II DISTRIBUTION WITH PHOTO ELECTRIC CONTROL & MAST ARM.
2	CRIMP CONNECTOR, ALUM.
3	IN-LINE FUSE HOLDER WITH FUSE
4	WIRE, #10 STRANDED COPPER, TYPE RHW, BLACK
5	WIRE, #10 STRANDED COPPER, TYPE RHW, WHITE
6	CONNECTOR, SEPARABLE, IN-LINE, UNFUSED, INSULATED
7	WIRE, #8 AWG, 7 STRAND ALUMINUM, TYPE RHW
8	OLEVIS, THIMBLE, ALUMINUM ALLOY W/ALUM. ALLOY EYELET
9	3/8" H4 AAC, CROSSLINK, POLYETHYLENE INSULATED, BARE NEUTRAL
10	NOT USED
11	NOT USED
12	NOT USED
13	MESSENGER HANGER, CAST ALUMINUM W/3/8" ALUM. ALLOY THRU-BOLT & 2 1/4" ALUM. ALLOY SQ. WASHER.
14	ALUMINUM LINE GUARD (AROUND MESSENGER)
15	3/8" ALUM. ALLOY THRU-BOLT W/2 1/4" SQ. ALUM. ALLOY CURVED WASHER, LENGTH AS REQ'D.
16	ALUM. ALLOY SUSPENSION CLAMP WITH LINE GUARD AND ALUM. ALLOY EYELET
17	ALUM. ALLOY PRE-FORMED DEADEND
18	ANCHOR ROD, 3/4" DIA. X 8', COPPERWELD
19	CONCRETE DEADMAN, 18" DIA. W/GALV. SQ. WASHER
20	NOT USED
21	NOT USED
22	NOT USED LAG SCREW

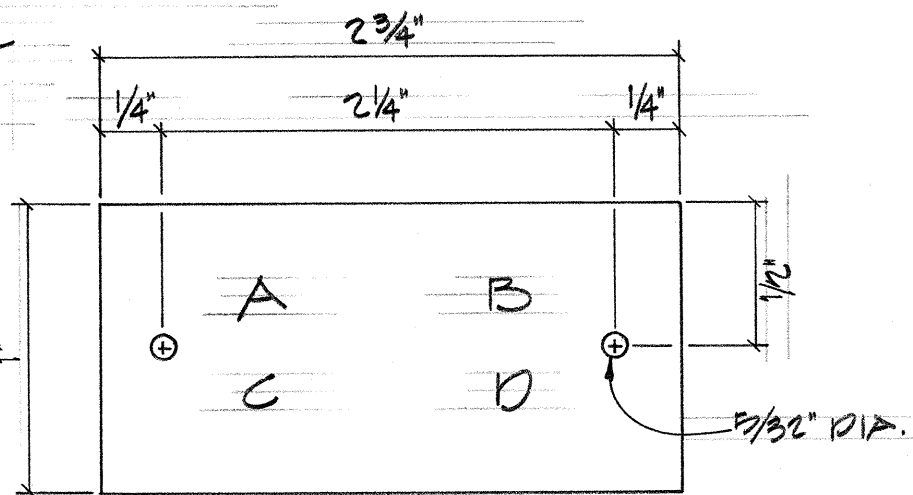


TYPICAL "THRU-POLE" LUMINAIRE ATTACHMENT FOR "STATE CABLE"
N.T.S.



TYPICAL LUMINAIRE ATTACHMENT AT JOINT POLE

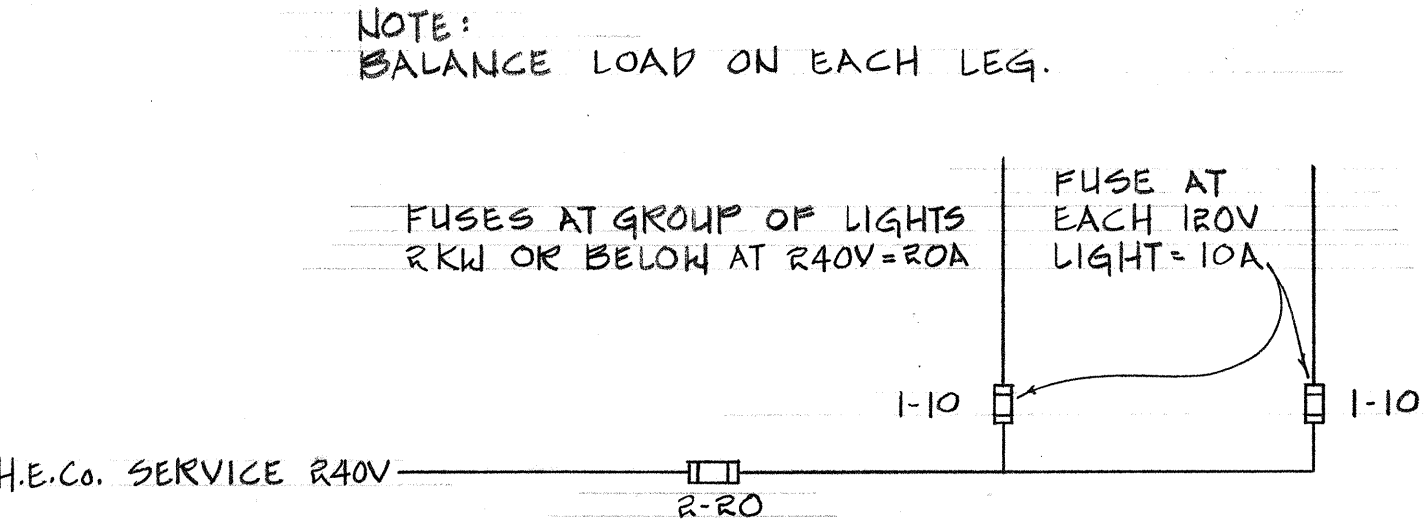
(CROSS-ARM MOUNTED SECONDARY SHOWN, WHERE H.E.CO. SECONDARY IS IN CABLE CONSTRUCTION, IT WILL BE AT CROSS-ARM POSITION FOR THESE PROJECTS. THIS DETAIL APPLIES TO ALL POLES OF THESE PROJECTS EXCEPT FOR "STATE CABLE POLES". SEE DETAIL THIS SHEET.)



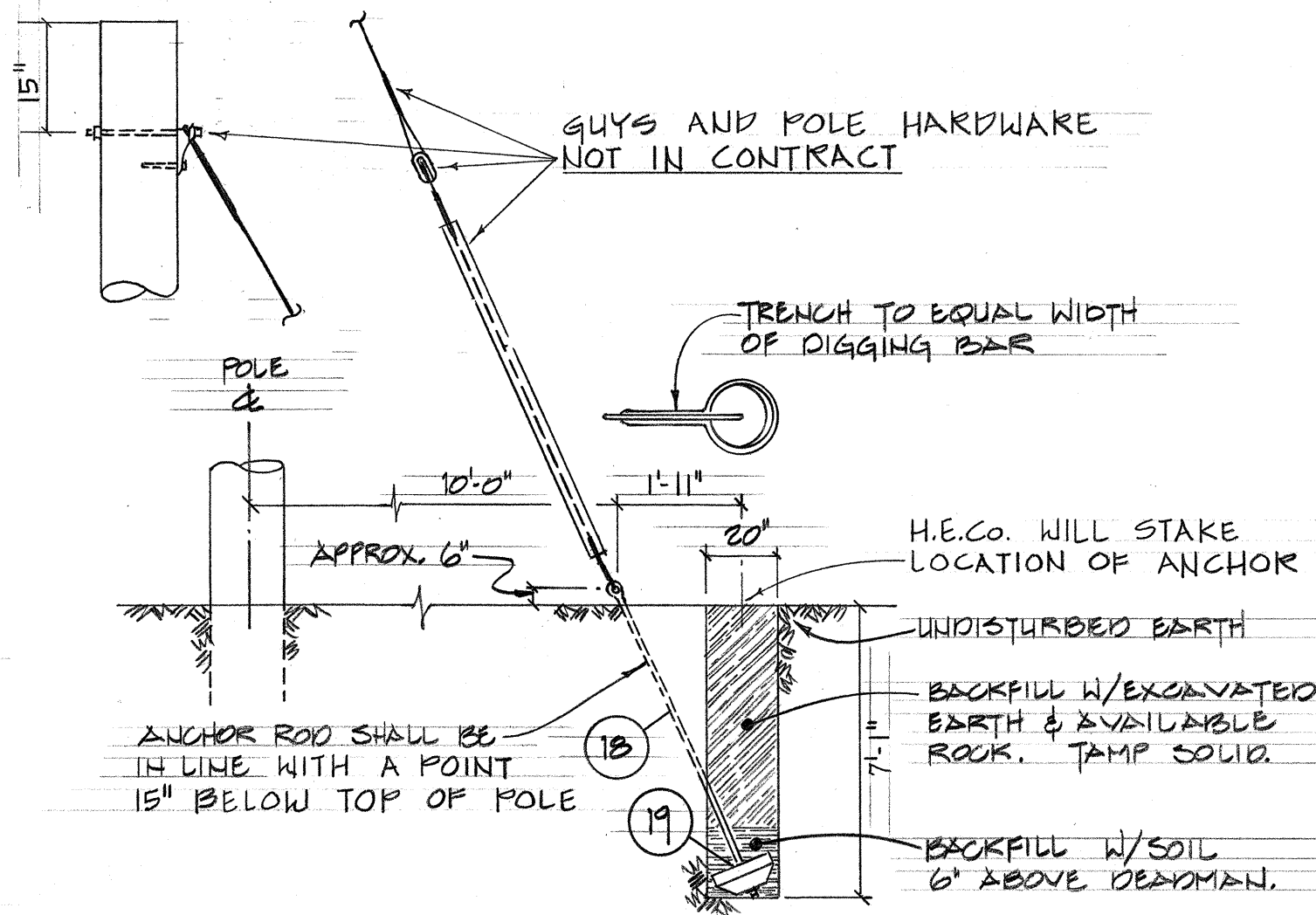
- LEGEND:
- A - CONTRACT NUMBER
 - B - LIGHT NUMBER
 - C - LAMP DATA: MERCURY-PREFIX "H" (H400), HPS-PREFIX "N" (N150)
 - D - REFRACTOR DATA

- NOTES:
1. FABRICATE FROM 3-PLY LAMINATED PLASTIC, BLACK-WHITE-BLACK.
 2. ATTACH TO POLE W/#410 ALUMINUM NAILS.
 3. ATTACH 6'-0" ABOVE CURB. IF NO CURB, ATTACH 6'-0" ABOVE FINISH GRADE. TAG SHALL BE ON STREET SIDE OF POLE.
 4. LETTERS TO BE NBS REDUCTION, 1/8", ENGRAVED OR STENCILED.

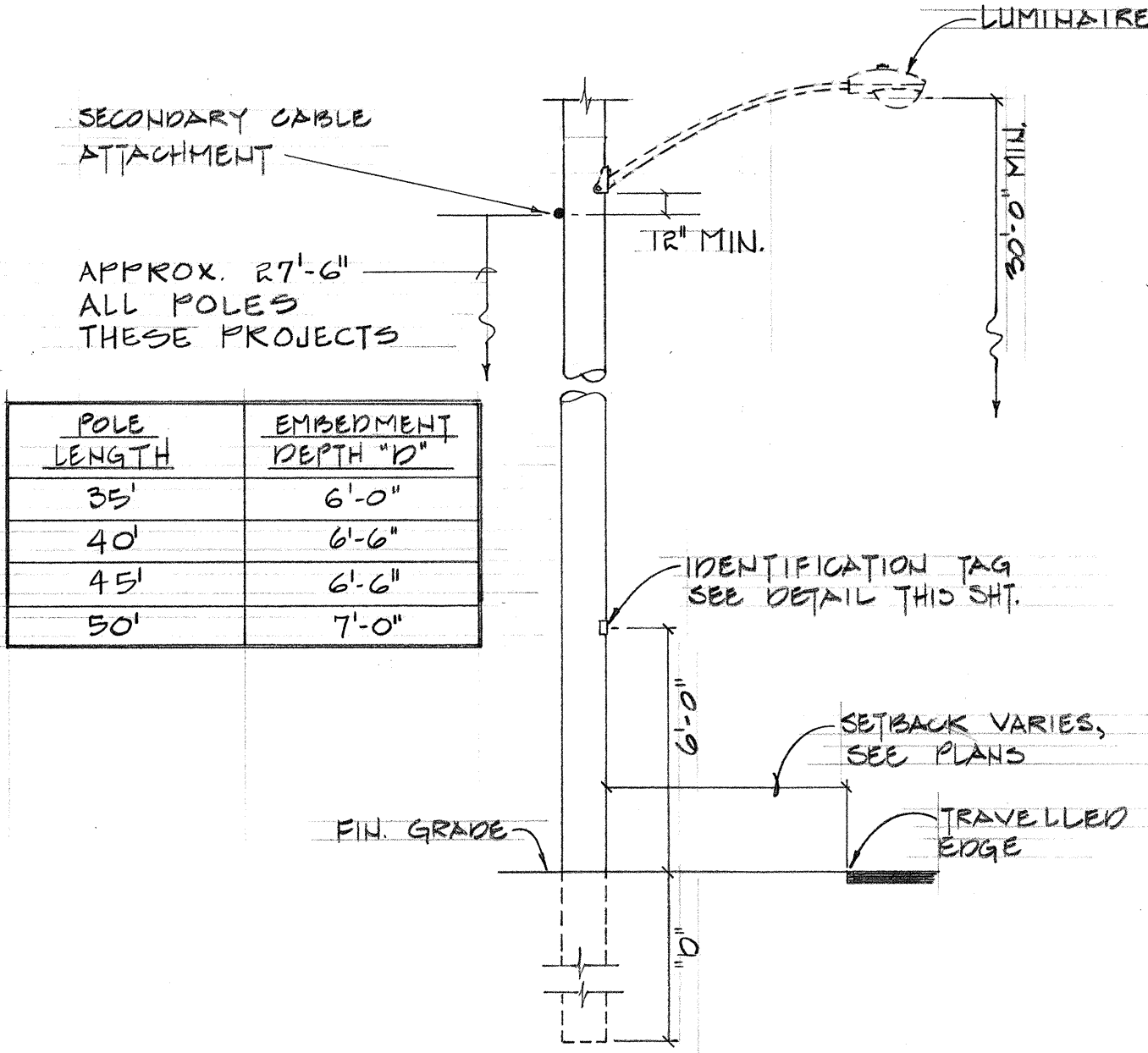
WOOD POLE IDENTIFICATION TAG DETAIL
N.T.S.



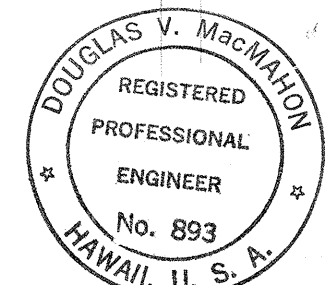
ONE LINE DIAGRAM



POLE GUY DETAIL
N.T.S.



WOOD POLE INSTALLATION DETAIL
N.T.S.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HIGHWAY LIGHTING SYSTEM
MISCELLANEOUS DETAILS
KAMEHAMEHA HIGHWAY NEAR WAIMEA BAY
AND KAMEHAMEHA HIGHWAY @ WAIAHOE ROAD
PROJECT No's 83B-01-73 & 83D-01-73

SHEET NO. 6 OF 6 SHEETS