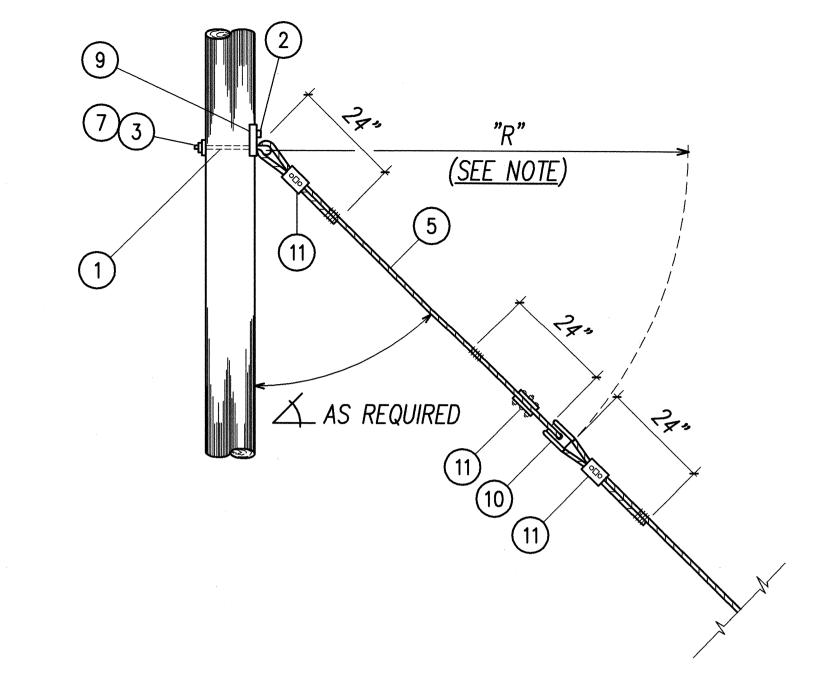


## NOTES:

- 1. Minimum Top Circumference is 23" Minimum Circumference at 6'-0" from Butt is 37".
- 2. Pole Shall be Treated with Pentachlorophenol Using the "Celon" Process, by a Licensed Termite Treatment Company.
- 3. Termite Treat the Bottom of the Hole and Backfill Material with Aqueous Chemical Solution Consisting of 0.5% Aldrin or 0.5% Dursban. Minimum 5 Gallons of the Solution shall be Used for Each Hole. Application Shall be Performed by Contractor Licensed for this Type of Work. Treatment Shall be Done as the Hole is Being Backfilled.

1 HIGHWAY LIGHTING WOOD POLE INSTALLATION DETAIL



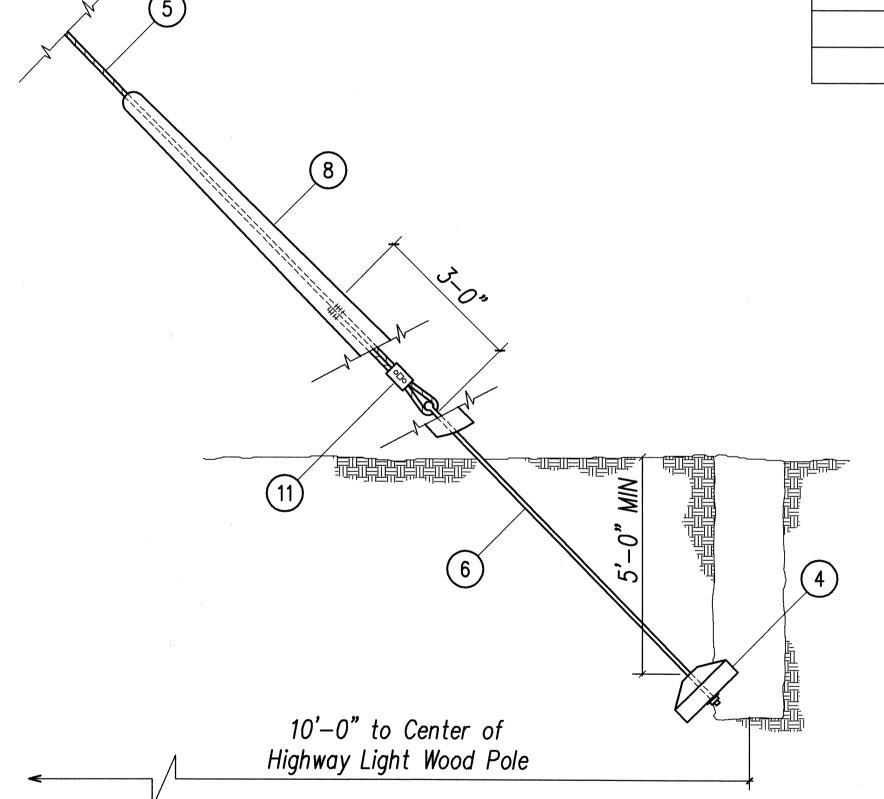
LIST OF MATERIALS	
PART NO.	DESCRIPTION
1	THIMBLEYE BOLT, 5/8" X 10"
2	LAG SCREW, 1/2" X 4" (FETTER DRIVE)
3	WASHERS, SQUARE, 2 1/4" X 2 1/4" X 3/16", 11/16 " DIA. HOLE
4	CONCRETE ANCHOR, SEE DETAIL 3/E-5
5	GALVANIZED GUY WIRE, 7 STRAND UTILITIES, GRADE, 7/16" SIZE.
6	ANCHOR ROD, THREADED THIMBLEYE 5/8" X 8'-0", TWINEYE 3/4" X 8'-0"
7	SQUARE M-F LOCKNUT, FOR 5/8" DIA. BOLT
8	GUY PROTECTOR, 8 FEET, 16 GAGE STEEL, PAINTED REFLECTORIZED YELLOW
9	LIFT PLATE, 3-HOLE, 1/4" STEEL PLATE
10	GUY STRAIN INSULATOR
11	GUY CLAMP, 6" 3-BOLT, 5/8" BOLT
-	

FED. ROAD DIST. NO. FISCAL YEAR

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PROJ. NO.

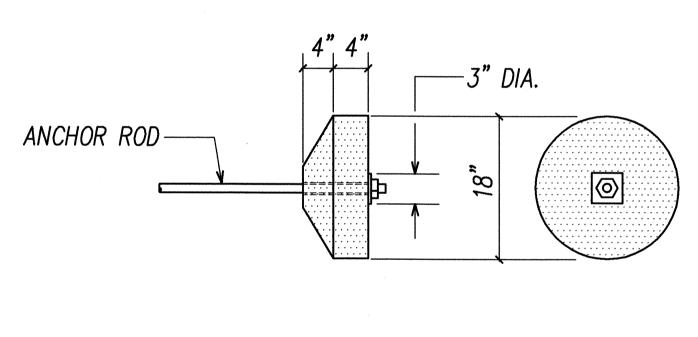
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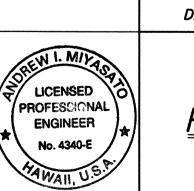
## <u>Notes:</u>

- 1. Radius "R" Shall be Length Required to Locate Guy Insulator 4 Feet Below Communication Conductor Level, Minimum "R" Equal to 6 Feet.
- 2. All Hardware Shall be Galvanized in Accordance with ASTM Designation A-153.
- 3. Grips for Down Guy of Equivalent Strength may be Used in Lieu of the Type as Shown.

2 TYPICAL GUY AND ANCHOR ASSEMBLY DETAIL E-5 N.T.S.







THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

andrew I. Myassof

DATE REVISION

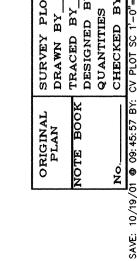
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHTING WOOD POLE AND GUYING INSTALLATION DETAILS

VOLCANO ROAD INTERSECTION
IMPROVEMENTS AT HUINA ROAD
State Project No. 11M-01-00

SCALE: AS NOTED DATE: AUGUST, 2001
SHEET No. E-5 OF 7 SHEETS

64



63