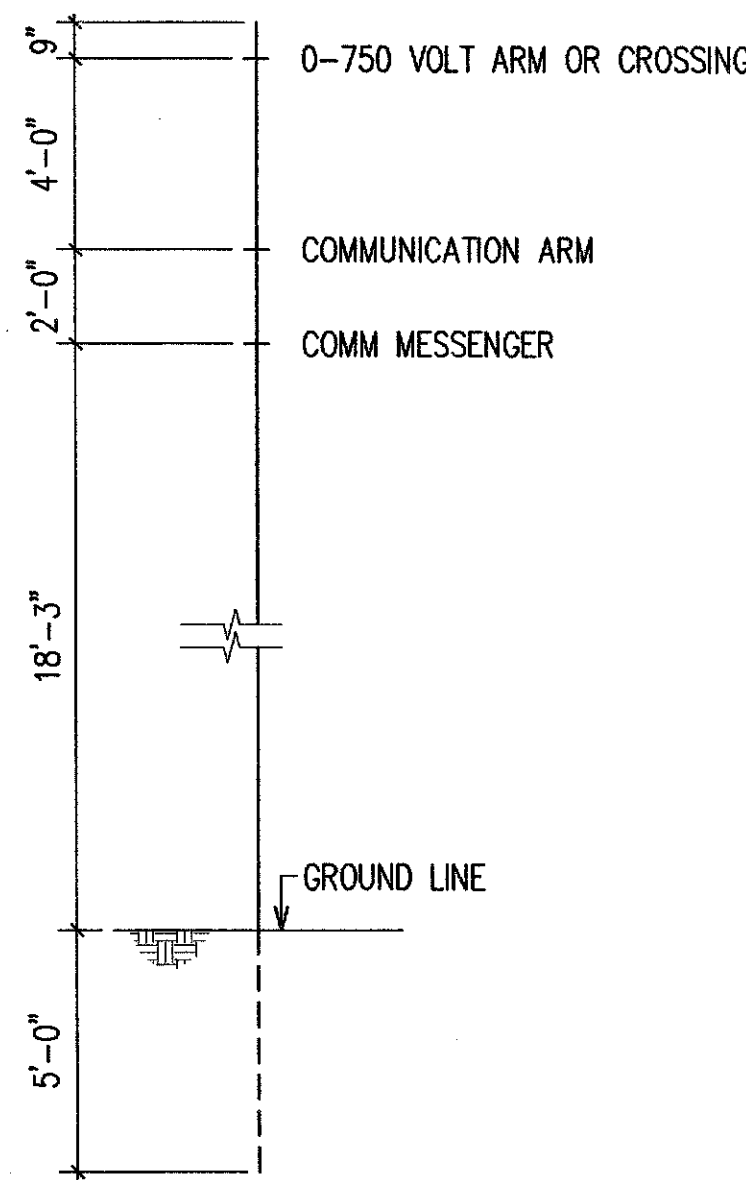
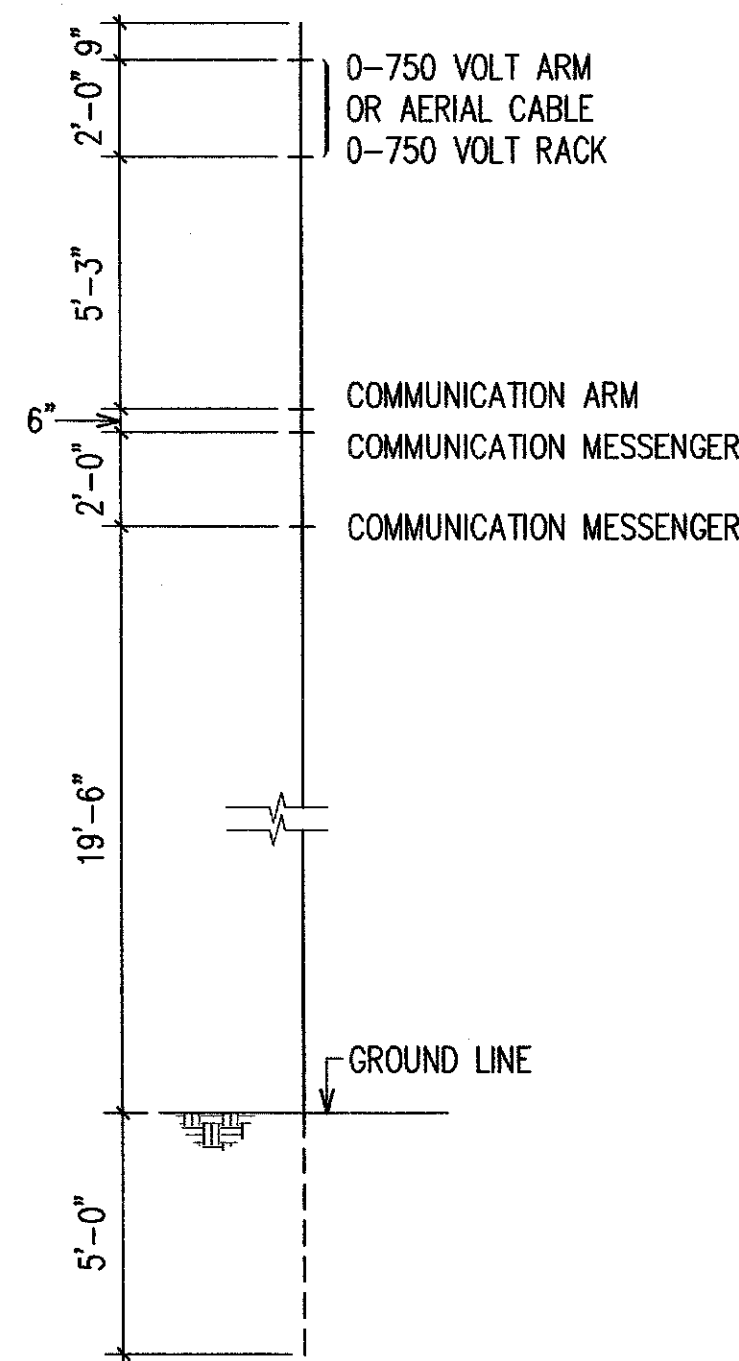


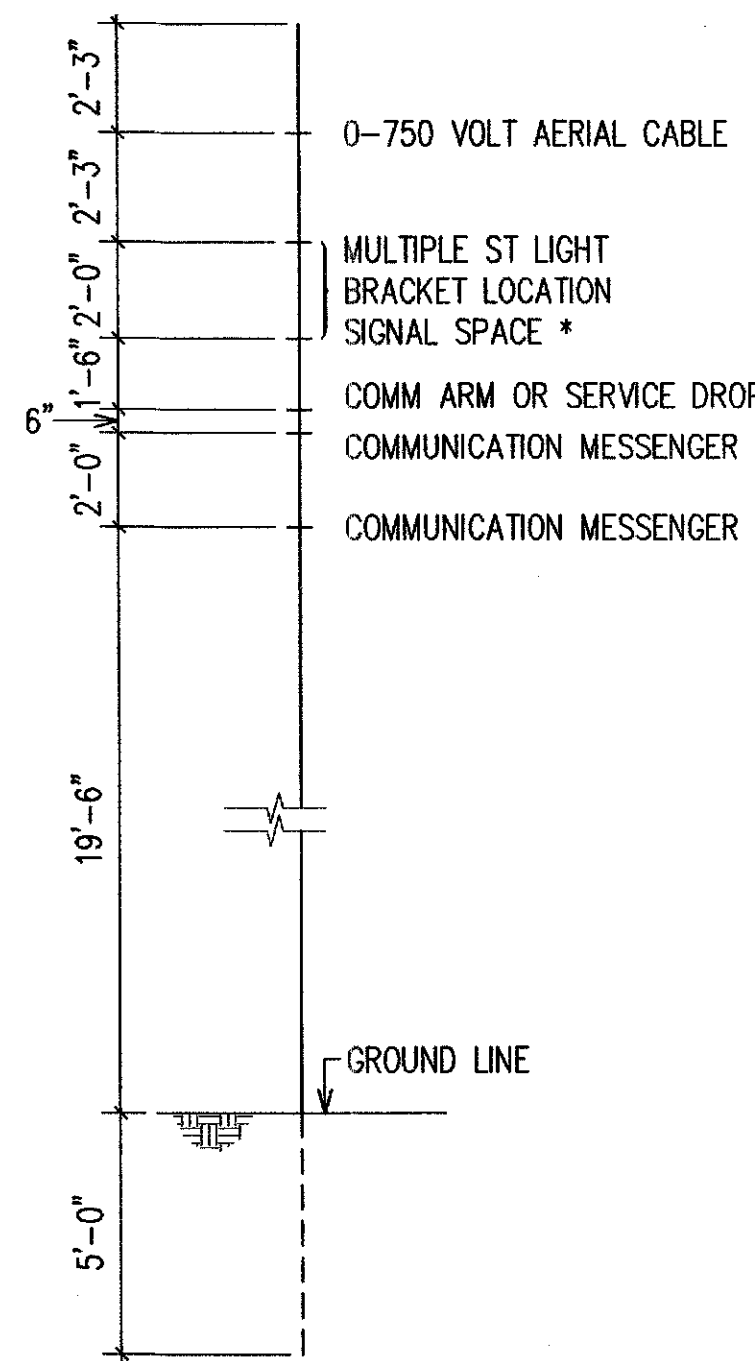
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0001 (30)	2007	47	89



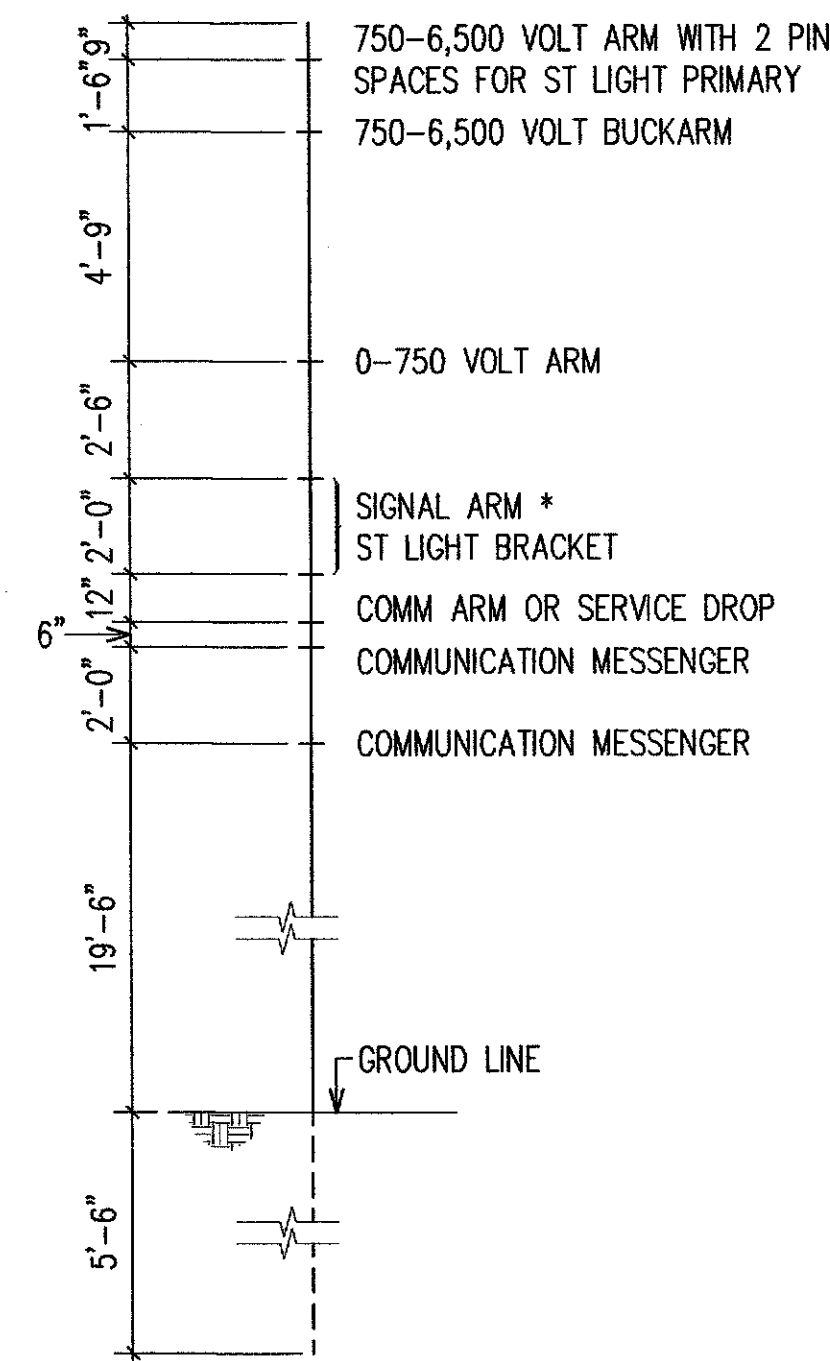
JP 30-1
SINGLE POLE LINE



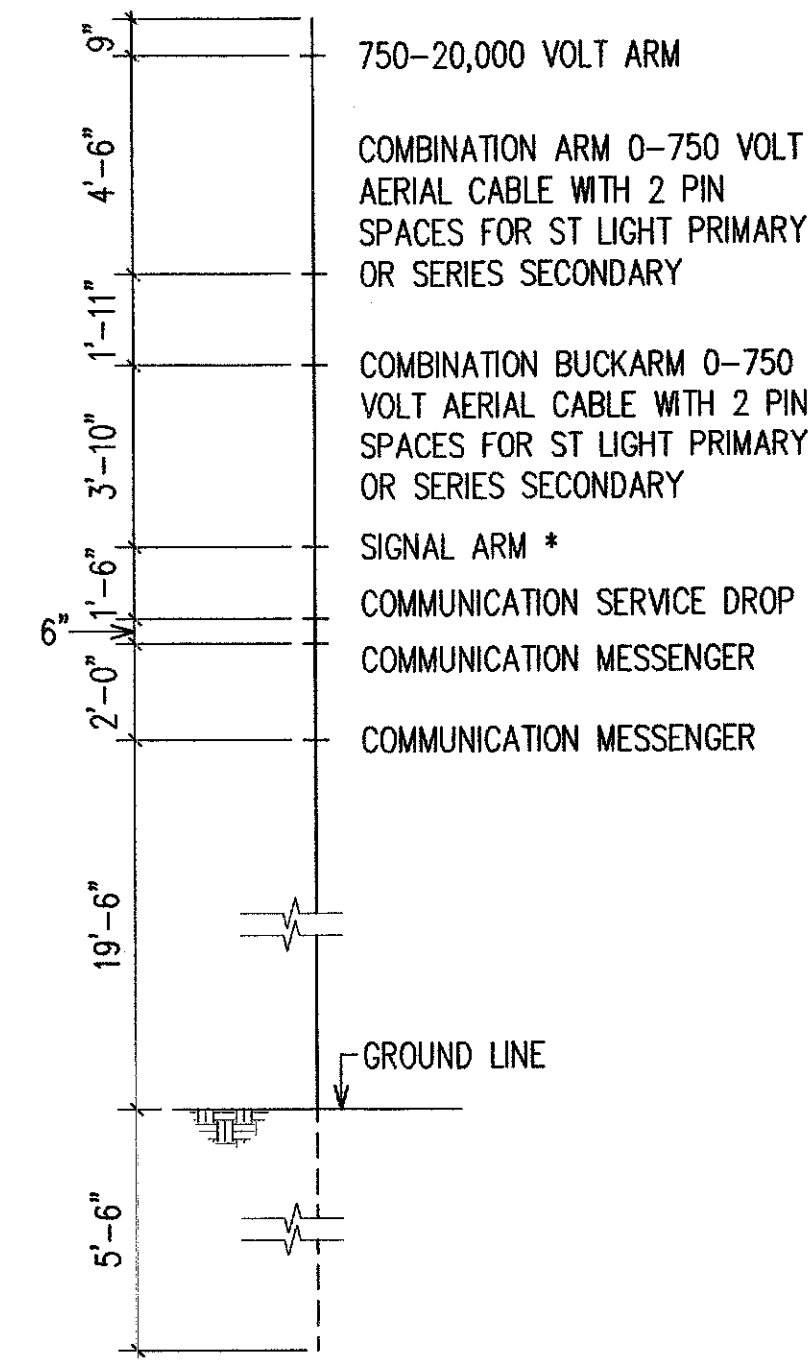
JP 35-1
SINGLE POLE LINE



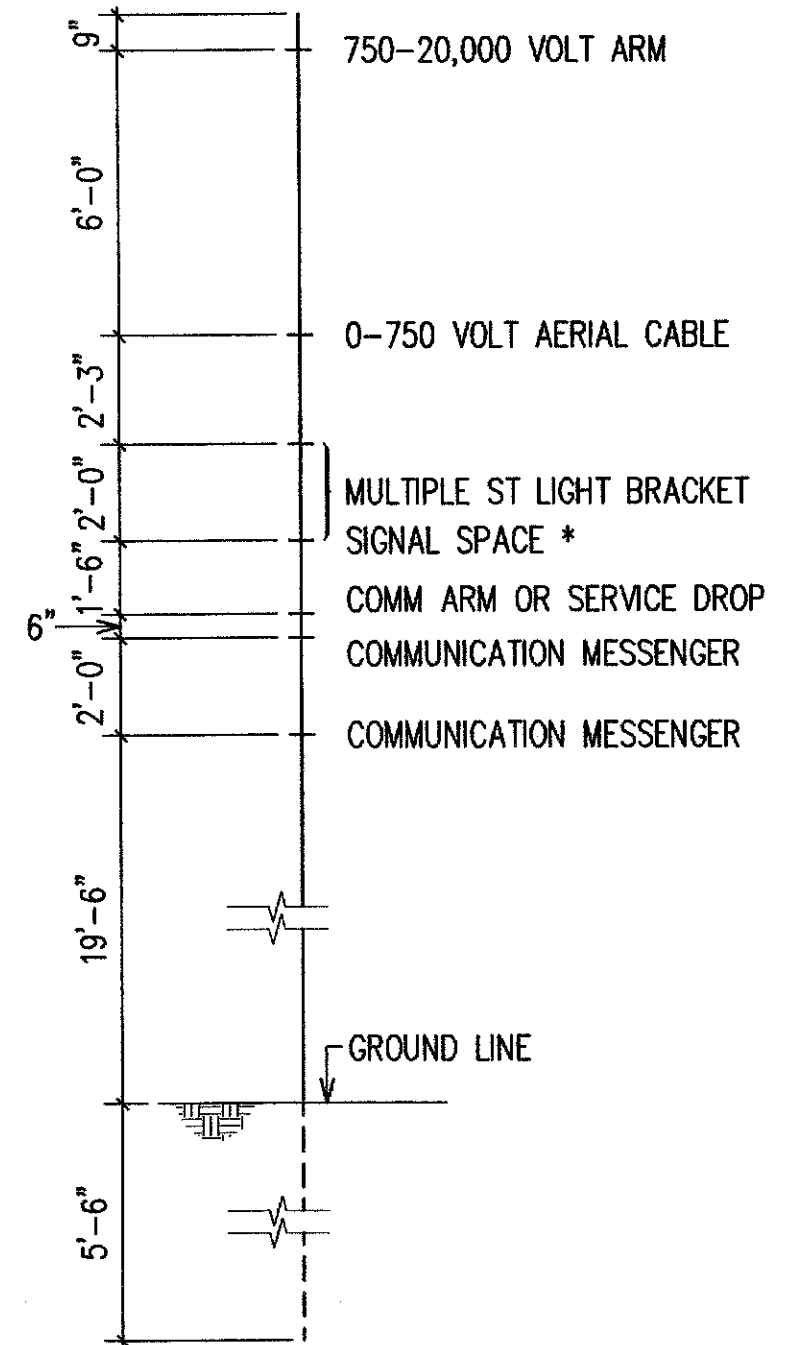
JP 35-3
SINGLE POLE LINE
INTERMEDIATE STREET LIGHT POLE



JP 40-2
SINGLE POLE LINE

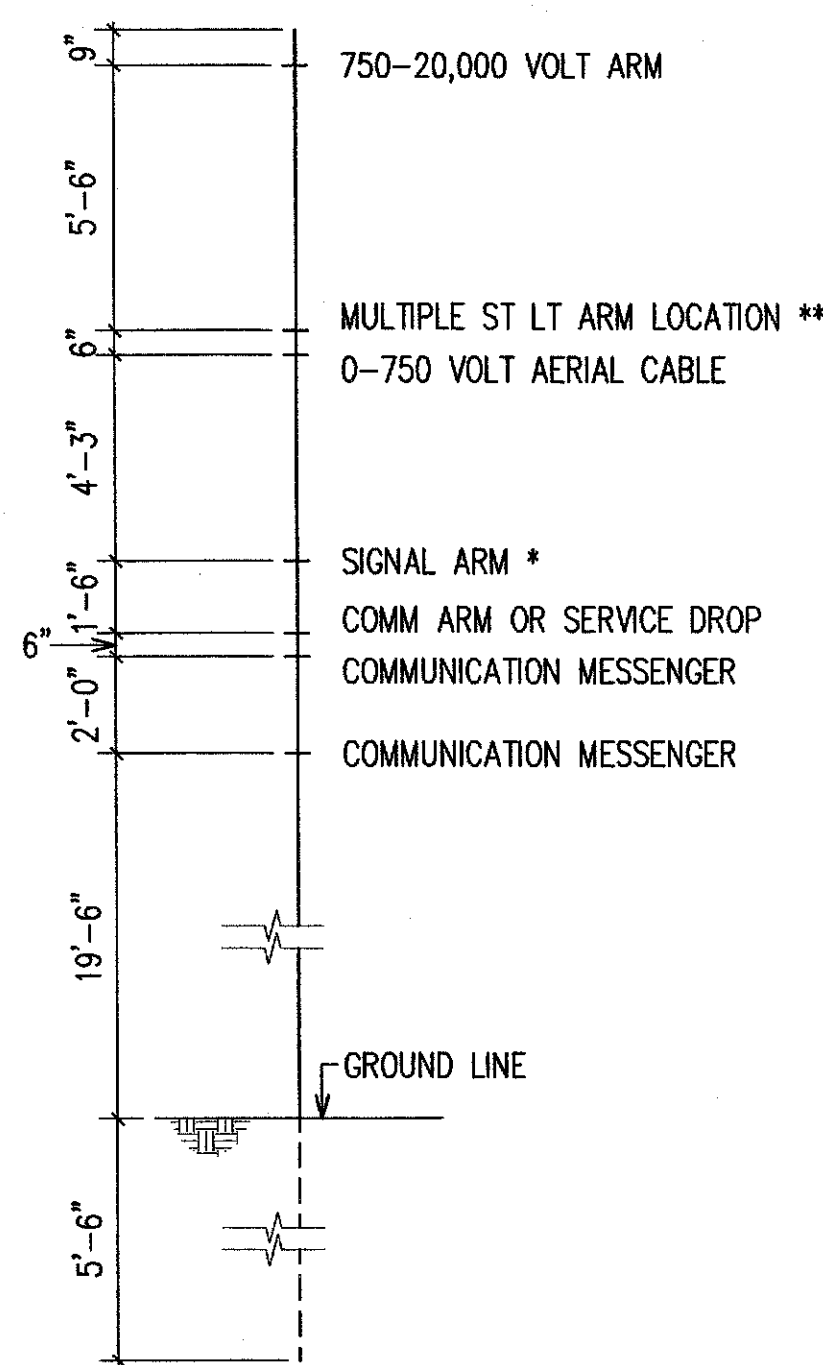


JP 40-6
SINGLE POLE LINE

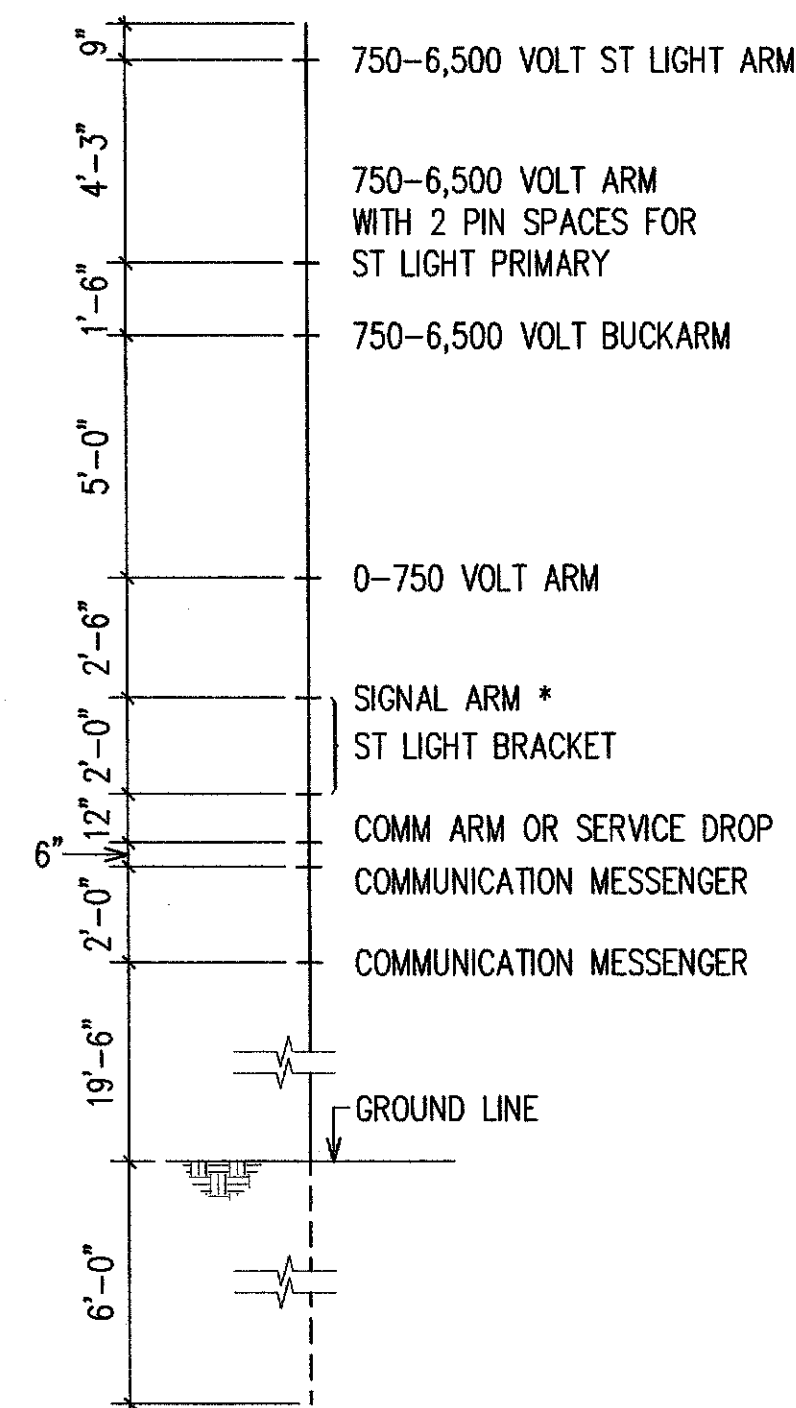


JP 40-7
SINGLE POLE LINE

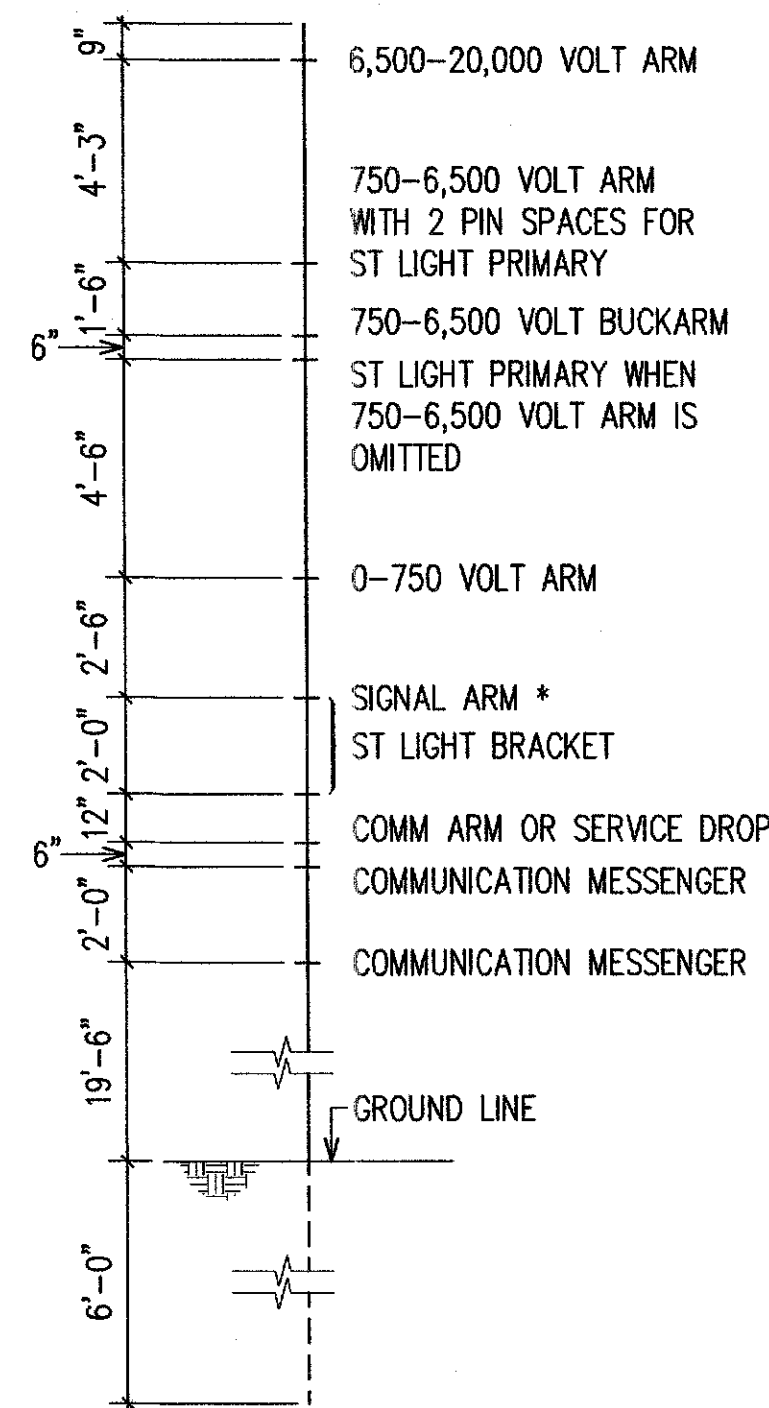
NOTE:
* REFER TO SECTION 9 RULE 90. GENERAL ORDER NO. 6. STATE OF HAWAII, PUBLIC UTILITIES COMMISSION.
** MULTIPLE STREET LIGHT ARM TO BE SUPPLIED AND INSTALLED BY "C".



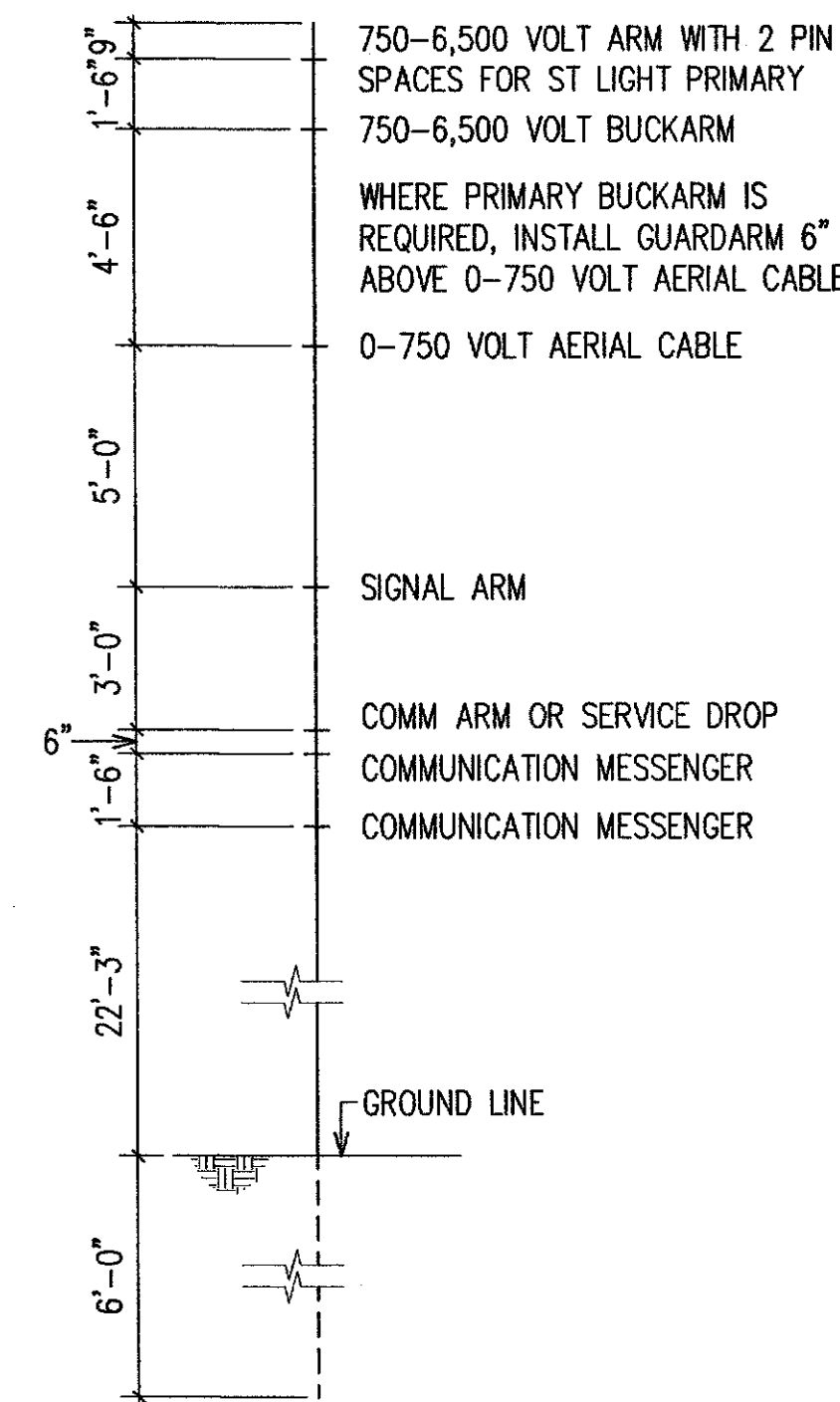
JP 40-8
SINGLE POLE LINE



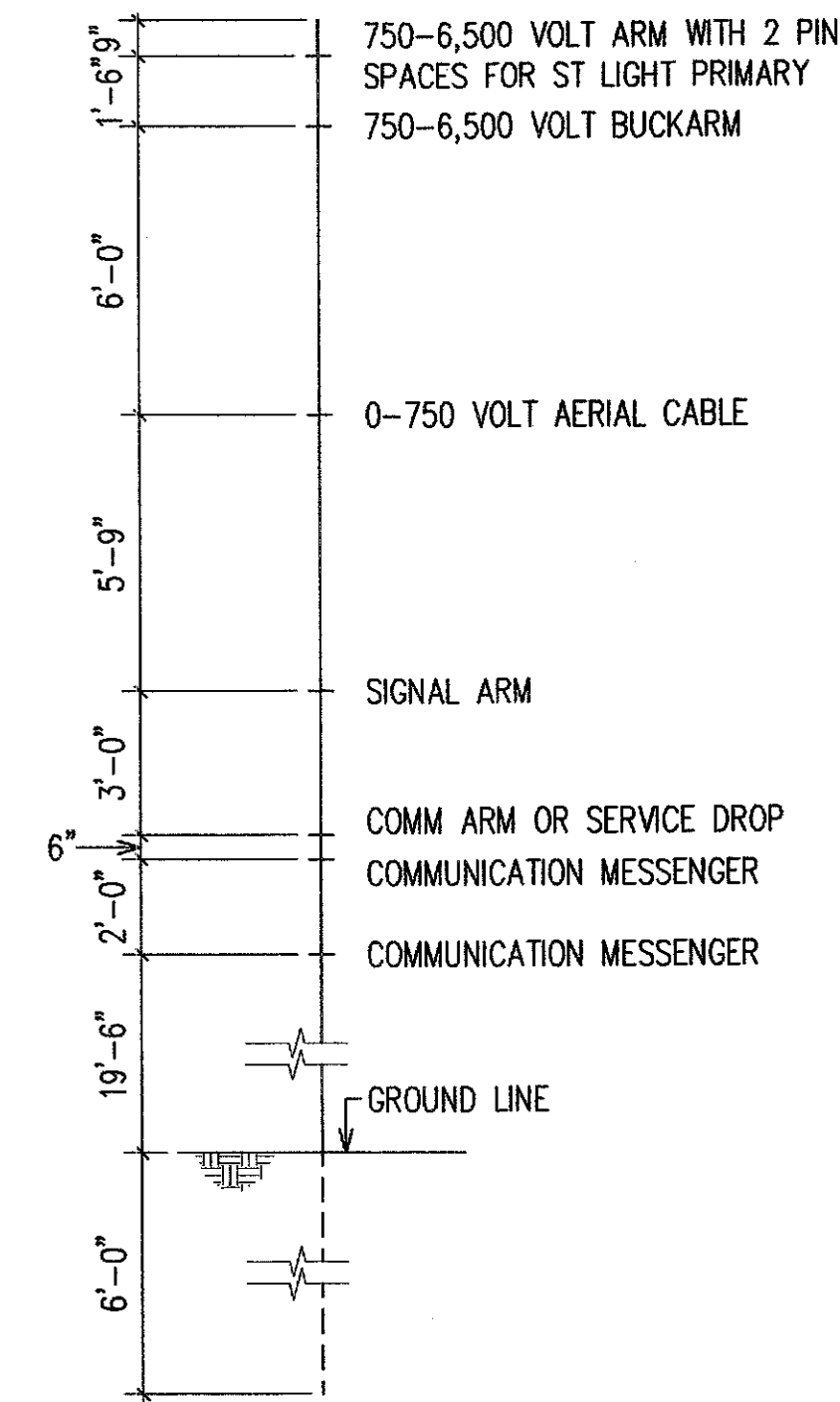
JP 45-2
SINGLE POLE LINE



JP 45-5
SINGLE POLE LINE

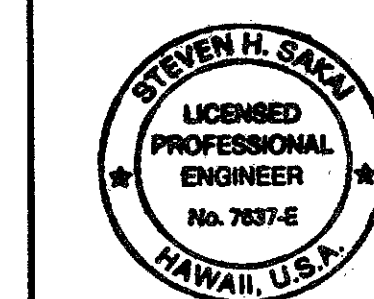


JP 45-6
SINGLE POLE LINE



JP 45-7
SINGLE POLE LINE

REVISION	DATE	BRIEF	BY	APPROVED



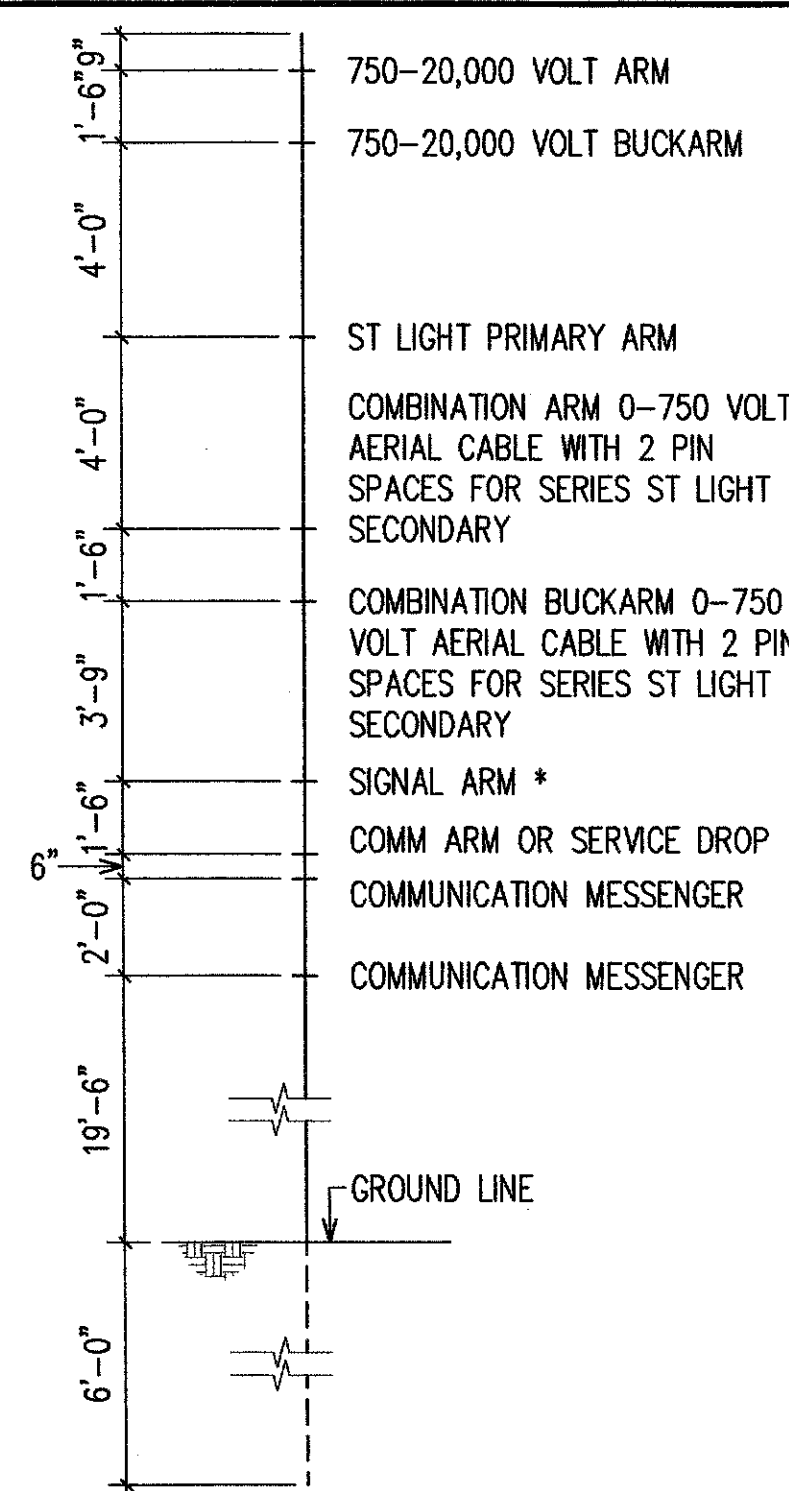
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
DATE: 4/30/08

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
FEDERAL AID NO. STP-0001(30)
COMPUTERIZED TRAFFIC CONTROL SYSTEM
PHASE 9

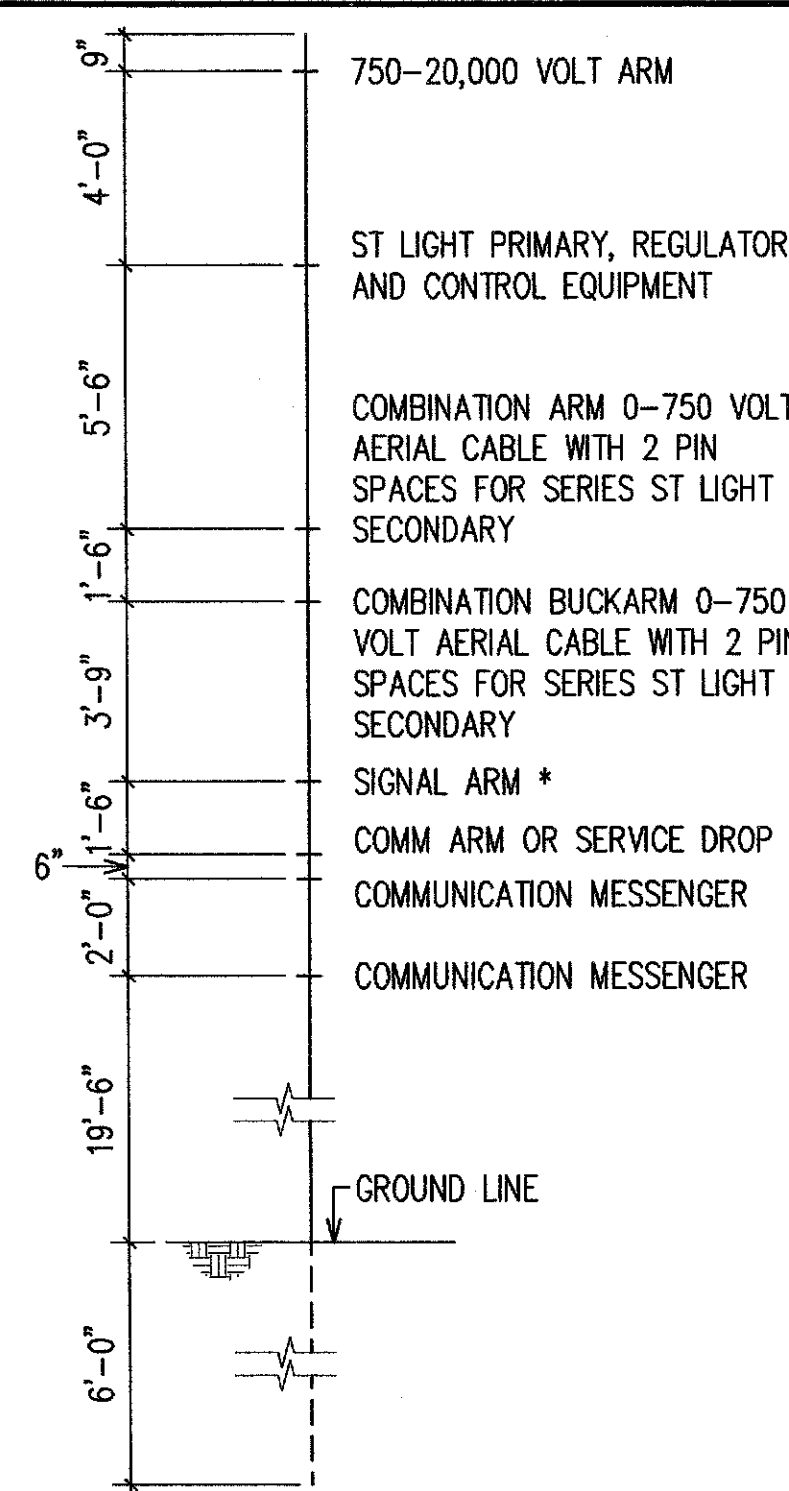
HECO JOINT POLE OCCUPANCY DATA

ENGINEER: GTN DATE: MARCH 2007
DRAFTSMAN: GN SCALE: AS NOTED
CHK. BY: SS REF.
APPROVED: DIVISION ENGINEER

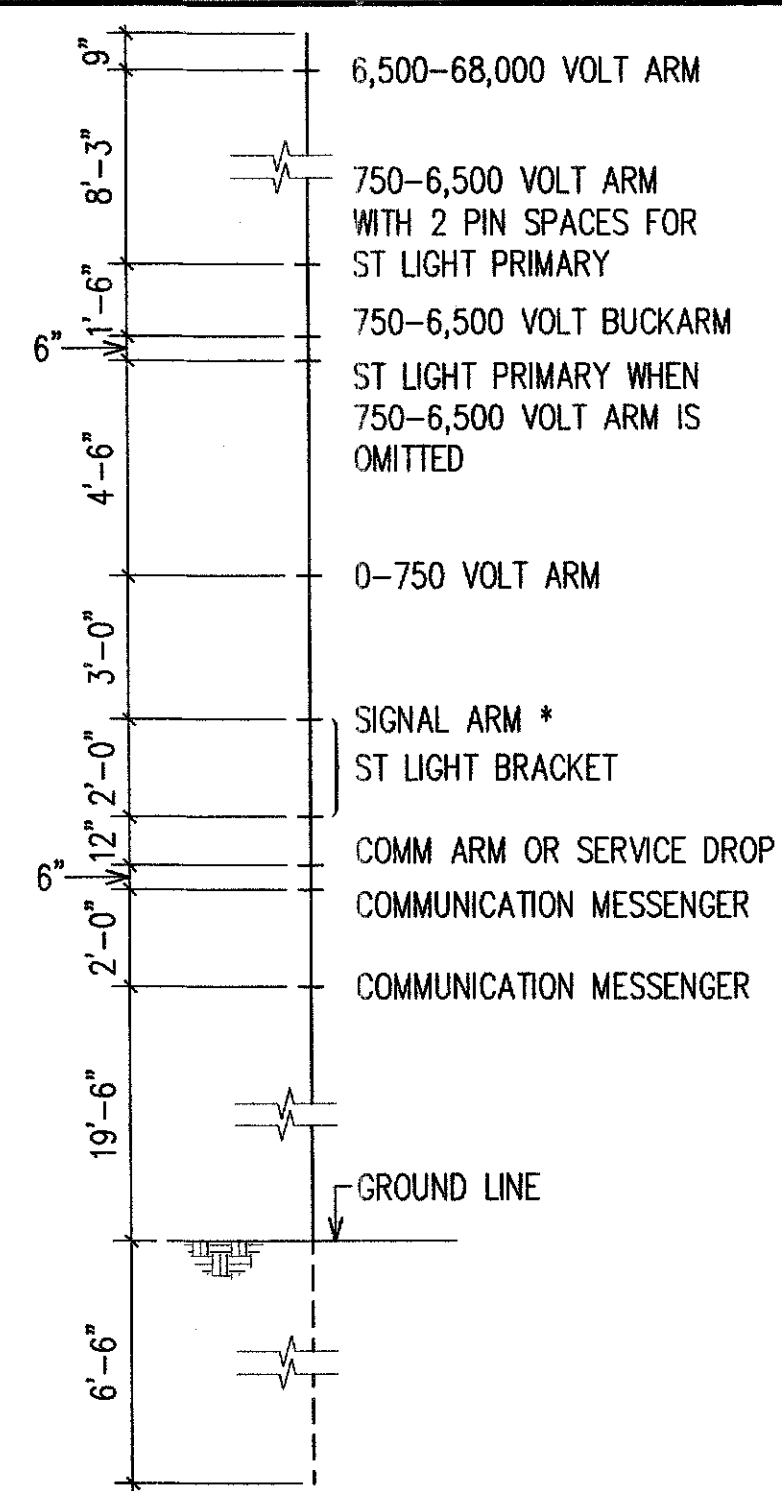
LAST SAVE: 10/25/08 @ 08:40:01 BY: GIN PLOT SC 1/A=1"
C:\VAD\PROJECTS\2007\1-48-2007-1-48-2007.dwg



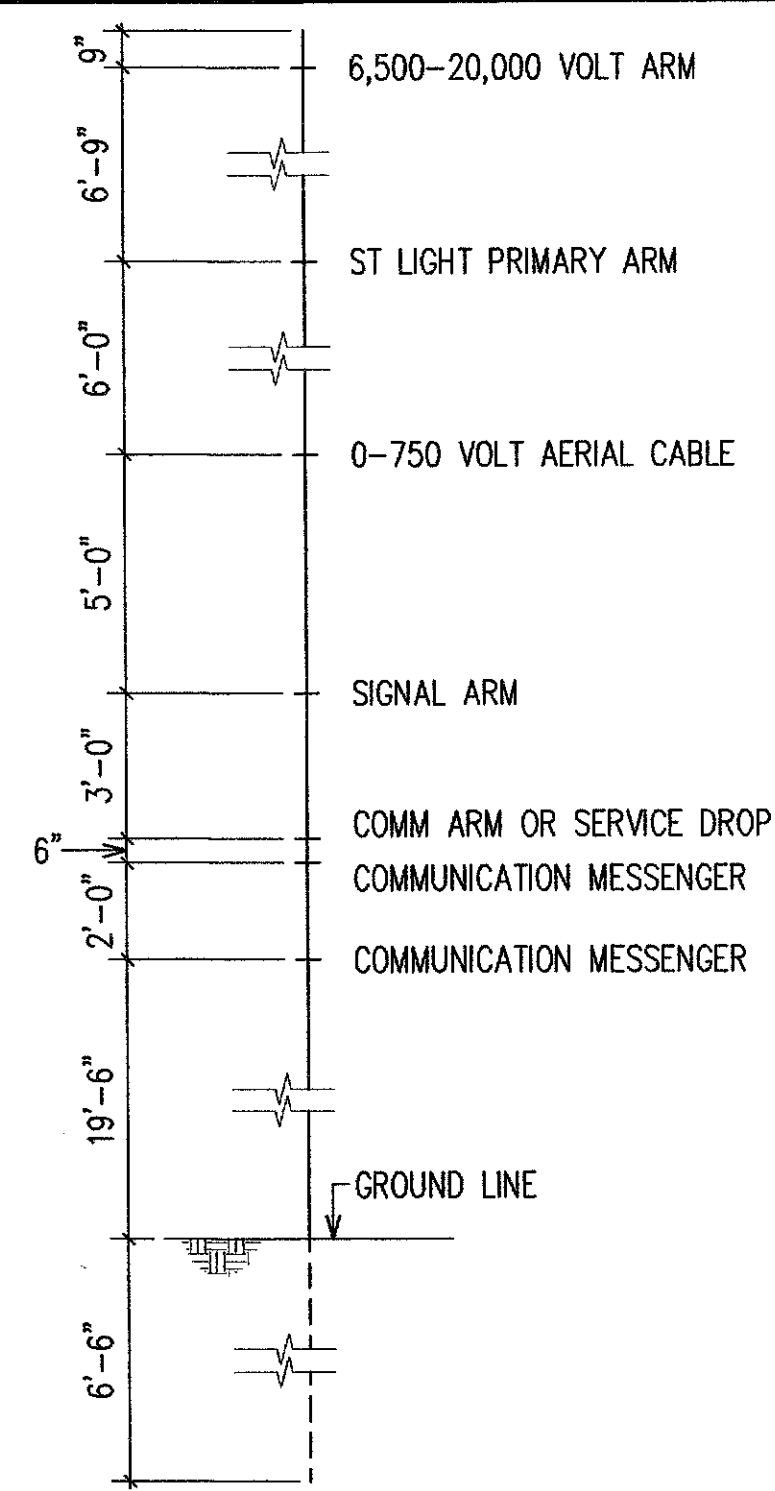
JP 45-8
SINGLE POLE LINE



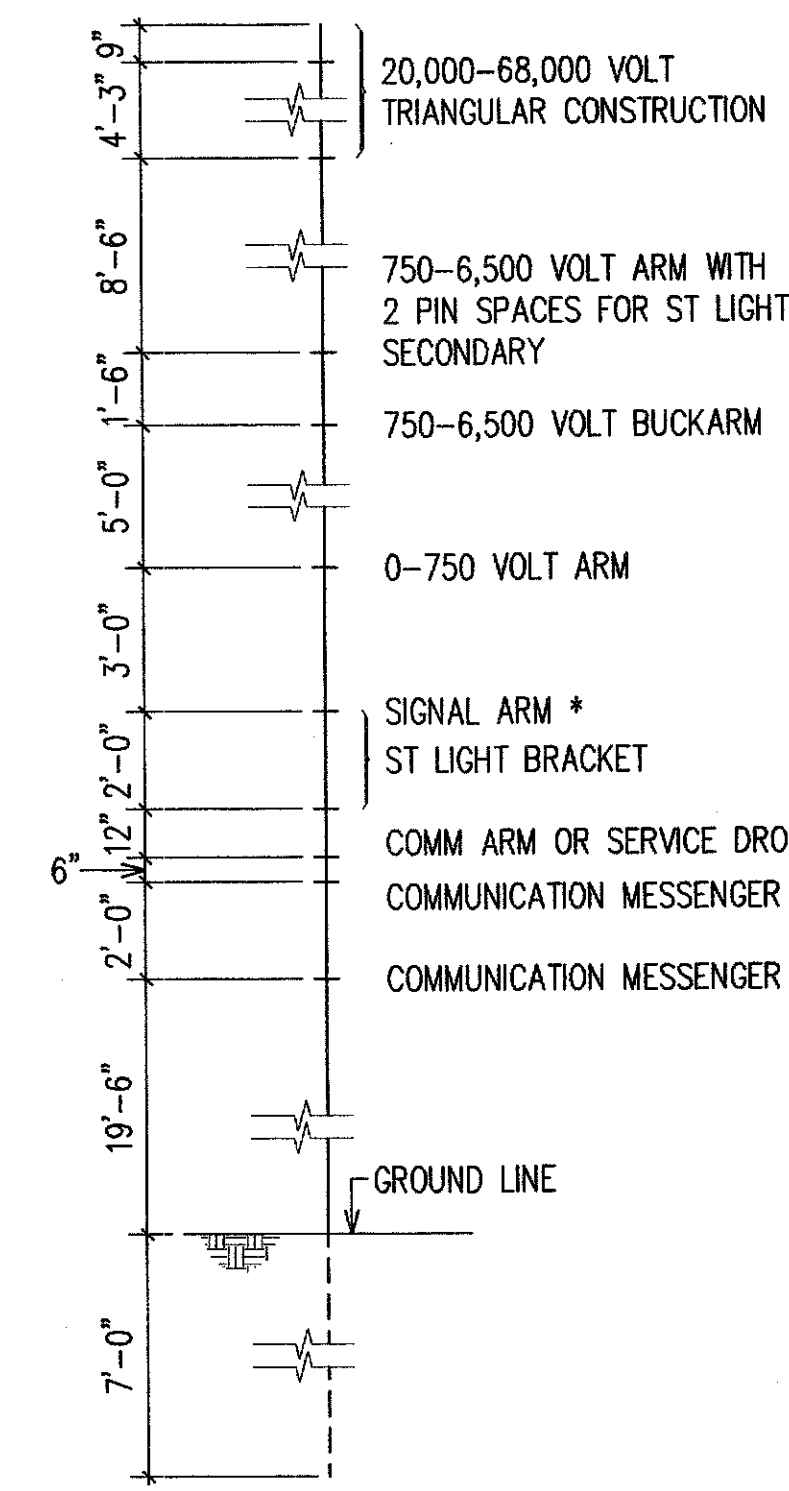
JP 45-9
SINGLE POLE LINE



JP 50-2
SINGLE POLE LINE



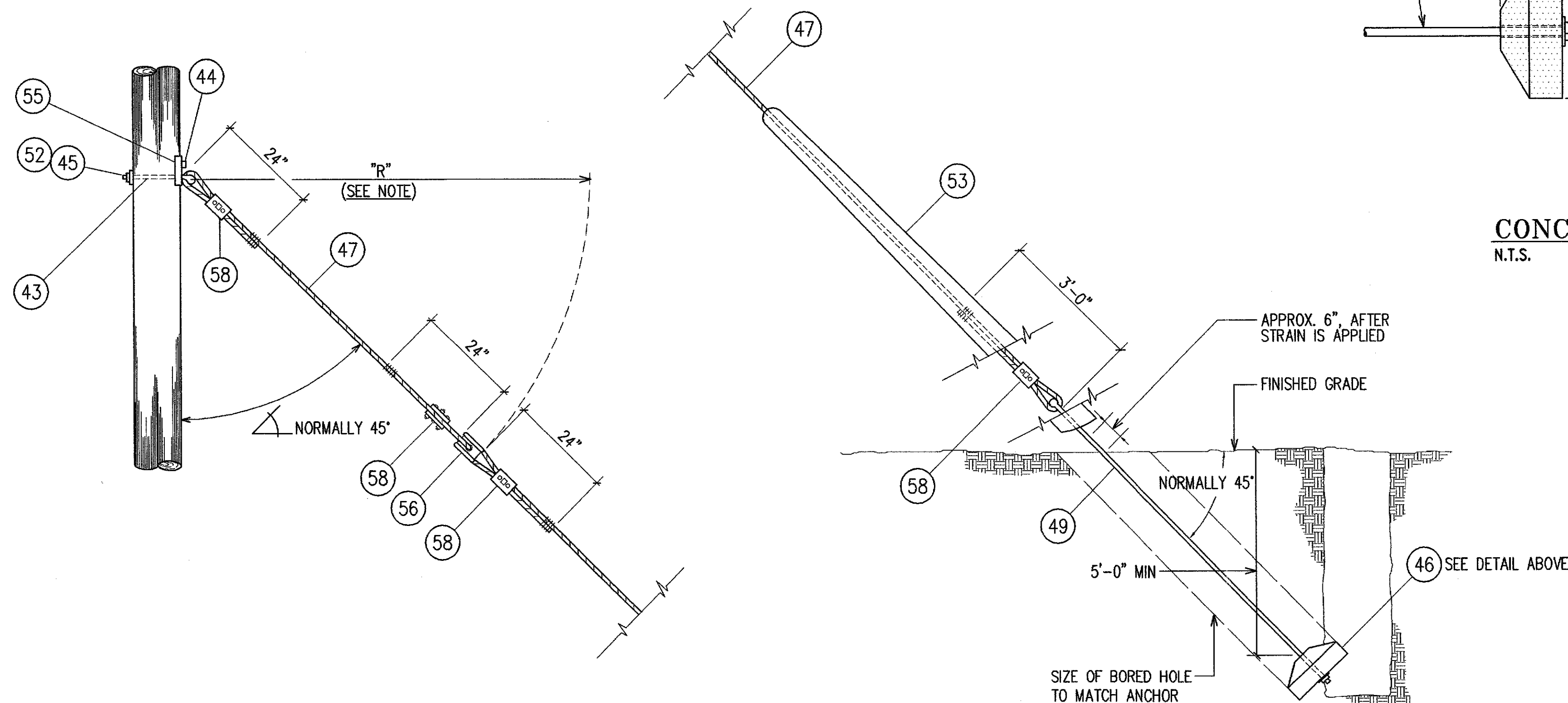
JP 50-4
SINGLE POLE LINE



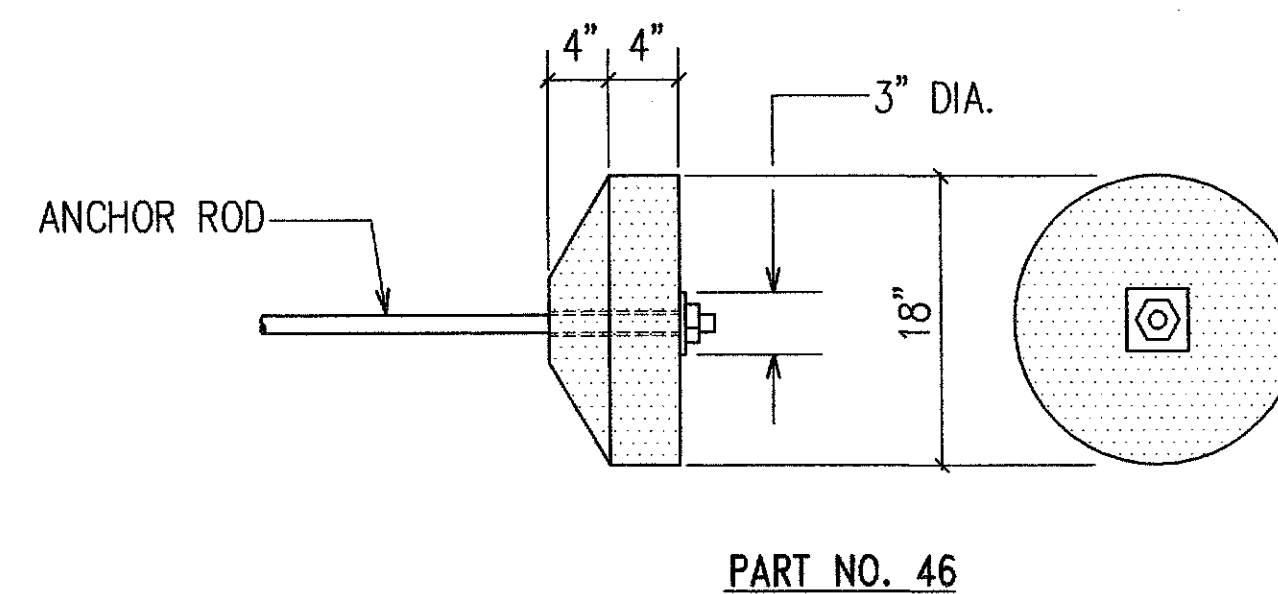
JP 55-2
SINGLE POLE LINE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0001 (30)	2007	48	89

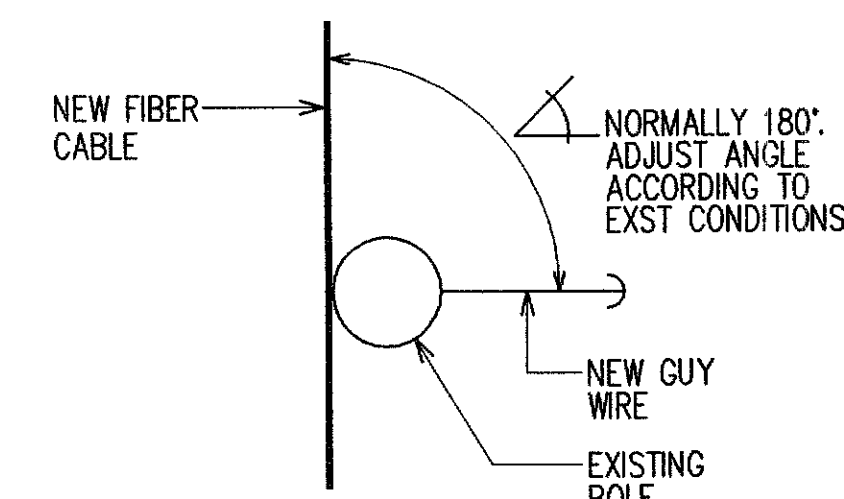
NOTE:
* REFER TO SECTION 9 RULE 90. GENERAL ORDER NO. 6. STATE OF HAWAII, PUBLIC UTILITIES COMMISSION.



A
E-46
TYPICAL GUY AND ANCHOR ASSEMBLY
NOT TO SCALE

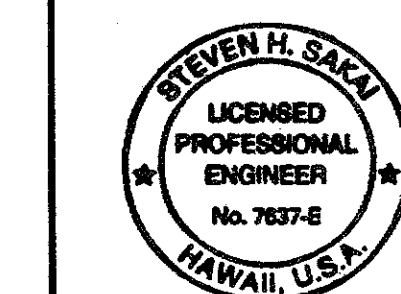


CONCRETE ANCHOR
N.T.S.



POLE CONTACT DETAIL
N.T.S.

LIST OF MATERIALS	
PART NO.	DESCRIPTION
43	THIMBLEYE BOLT, 5/8" X 10"
44	LAG SCREW, 1/2" X 4" (FETTER DRIVE)
45	WASHERS, SQUARE, 2 1/4" X 2 1/4" X 3/16", 11/16" DIA. HOLE
46	CONCRETE ANCHOR
47	GALVANIZED GUY WIRE, 7 STRAND UTILITIES, GRADE, 7/16" SIZE.
49	ANCHOR ROD, THREADED THIMBLEYE 5/8" X 8'-0", TWINEYE 3/4" X 8'-0"
52	SQUARE M-F LOCKNUT, FOR 5/8" DIA. BOLT
53	GUY PROTECTOR, 8 FEET, 16 GAGE STEEL
55	LIFT PLATE, 3-HOLE, 1/4" STEEL PLATE
56	GUY STRAIN INSULATOR
58	GUY CLAMP, 6" 3-BOLT, 5/8" BOLT



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
LIC. EXPIRATION: 4/30/08

REVISION	DATE	BRIEF	BY	APPROVED
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DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
FEDERAL AID NO. STP-0001(30)
COMPUTERIZED TRAFFIC CONTROL SYSTEM
PHASE 9

HECO JOINT POLE OCCUPANCY DATA
AND GUY DETAILS

ENGINEER: GTN DATE: MARCH 2007
DRAFTSMAN: GN SCALE: AS NOTED
CHK. BY: SS REF:
APPROVED: DIVISION ENGINEER