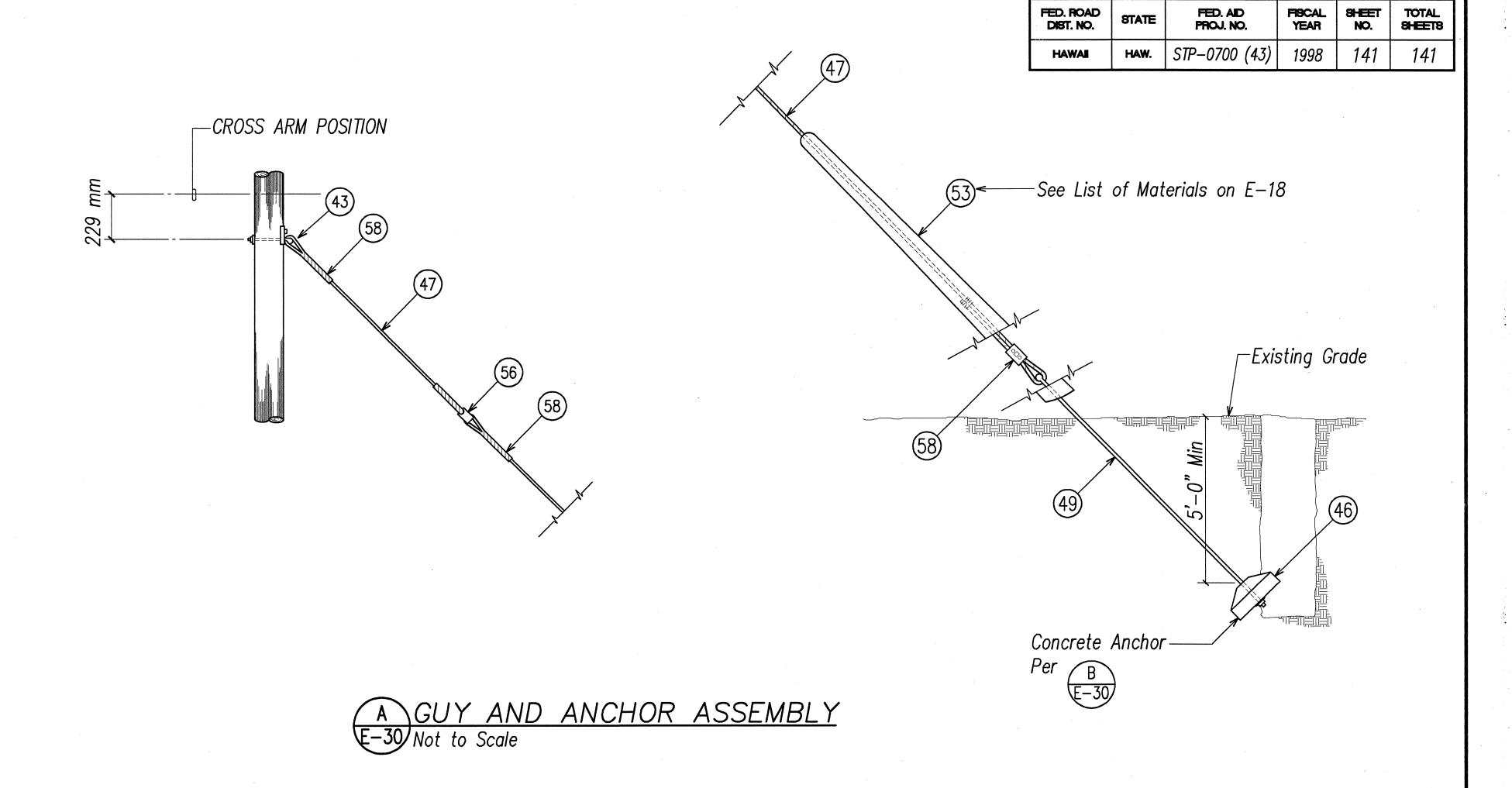
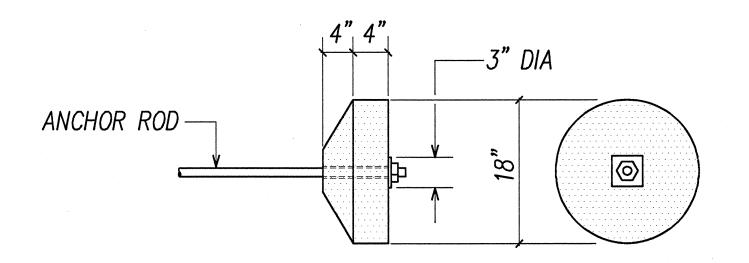


	LIST OF MATERIALS
PART NO.	DESCRIPTION
1	Wood Pole, Class III, 40'-0" Unless Otherwise Indicated
2	Crossarm, Douglas Fir, 3 1/2" x 4 1/2" x 8'-0".
3	Brace, Flat Crossarm, 1 1/4" x 1/4" x 34" Structural Grade Steel, 10,000 lbs. Breaking Strength.
4	Carriage Bolt, 3/8" x 4 1/2". EEI Spec Td-1.
5	#8 MHD Copper, Bond to Insulator Pins or Bolts.
6	Clamp, Hot Line Tap Assembly
7	Insulator Pin, Forged Stl High Tension.
8	#4 Soft Drawn Copper Ground Wire.
10	Machine Bolt, 5/8" x 14"
12	Machine Bolt, 5/8" x 18"
13	Strain Clamp, Envelope Type, Ultimate Strength 8,000 lbs.
14	Lag Screw, 1 /2" x 4", Fetter Drive
15	Double Arming Bolt 5/8" x 18" with 4 Nuts
16	Suspension Insulator, 10" Dia. Clevis Type, EEI—Nema Class 52—2
17	Pin Type Insulator, 1 3/8" Dia. Pinhole, EEI—Nema Class 55—5
18	Square Washer, 2 1/4" x 2 1/4" x 3/16", 11/16" Dia. Hole
19	Square Washer, 2 1/4" x 2 1/4" x 3/16", 3/16" Dia. Hole
20	Round Washer, 1" Dia. 7 /16" Dia. Hole
21	Round Washer, 1 1/4" Dia., 9/16" Dia. Hole, use under Head of Carriage Boli
23	Eyenut, 5/8" Bolt Size
	M—F Locknut, Square 5/8" Bolt Size
30	M—F Locknut, Square 3/4" Bolt Size
32	Fuse Cutout, Open Type. Current Ratings per Diagram on E—23.
33	Transformer, Oil Filled, See Specs
34	Surge Arrester, Zinc Oxide, 9KV
<u> </u>	Machine Bolt, 3/4" x 10"
<u> </u>	Shackle, Ultimate Strength — 18,000 Lbs.
<u> </u>	Extension Link, 1 3/4" x 3/8" x 24"
43	Thimbleye Bolt, 5/8" x 10"
45 44	Lag Screw, 1/2" x 4" (Fetter Drive)
	Washers, Square, 2 1/4" x 2 1/4" x 3/16", 11/16 " Dia. Hole
45	
46	Concrete Anchor Calvanized Cuy Wire 7 Strand Utilities Crade 7/16" Size
47	Galvanized Guy Wire, 7 Strand Utilities, Grade, 7/16" Size. Anchor Rod, Threaded Thimbleye 5/8" x 8'-0", Twineye 3/4" x 8'-0"
49	
52 53	Square M—F Locknut, for 5/8" Dia. Bolt Cur Protector 8 Foot 16 Cago Stool
<u>53</u>	Guy Protector, 8 Feet, 16 Gage Steel
55 56	Lift Plate, 3—Hole, 1/4" Steel Plate
56	Guy Strain Insulator Formed Wire Court Crip
58	Formed Wire Guy Grip Connector Split Balt Conner Allow
61	Connector, Split Bolt, Copper Alloy Terminator, Single Conductor, Slip, on Type, 15KV
62	Terminator, Single Conductor, Slip—on Type, 15KV.
63	Conduit Strap, Two Hole Type
64	Wood Molding, Half Round, Staple Every 12" with Coppercial Staples
65	#4 HD Bare Copper Conductor
66	15KV XLP Cable
67	5KV XLP Cable





B CONCRETE ANCHOR E-30 Not to Scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

POLE DETAILS

LIHUE GATEWAY LANDSCAPE BEAUTIFICATION PROJECT

cale: AS NOTED

Date: OCTOBER 1998

SHEET No. E-30 OF 30 SHEETS

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