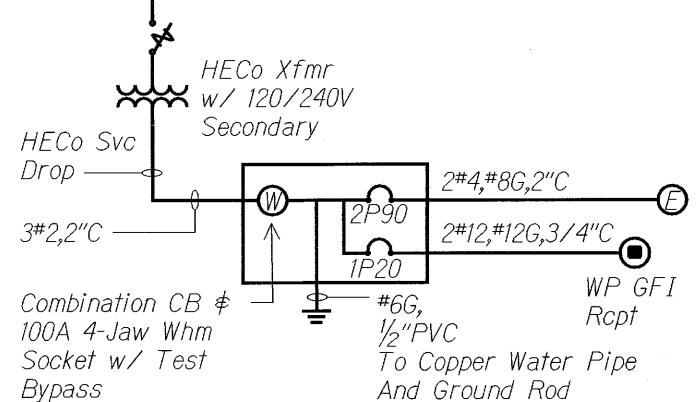
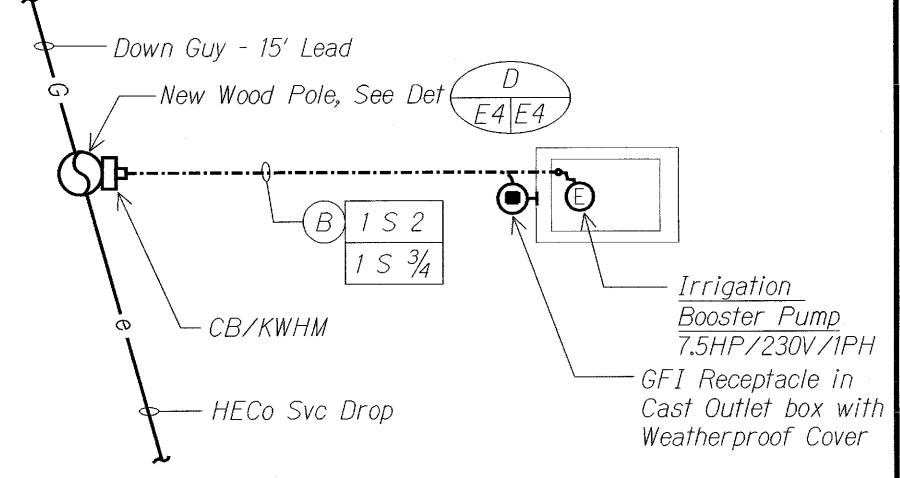


NOTES:

- 1. 8 MIL Thick Red Colored Plastic Warning Tape 3" Wide, Entire Length of Duct. Tape to Have Continuous Metallic Backing and Corrosion Resistant Foil Core. Warning and Identification to be Imprinted on Tape and Shall Read "Caution Buried Electric Cable Below". Message Shall Be Repeated Approximately Every Ten Feet.
- 2. Type "A" Backfill: Beach Sand, Earth or Earth and Gravel Used, the Maximum Rock Size Shall Be 1" and the Mixture Shall Contain Not More Than 50% By Volume of Rock Particles.
- 3. Type "B" Backfill: Same as Type "A" Except That if Earth & Gravel Used, the Mixture Must Pass a 1/2" Mesh Screen & Contain not More Than 20% By Volume of Rock Particles. 95% Compaction

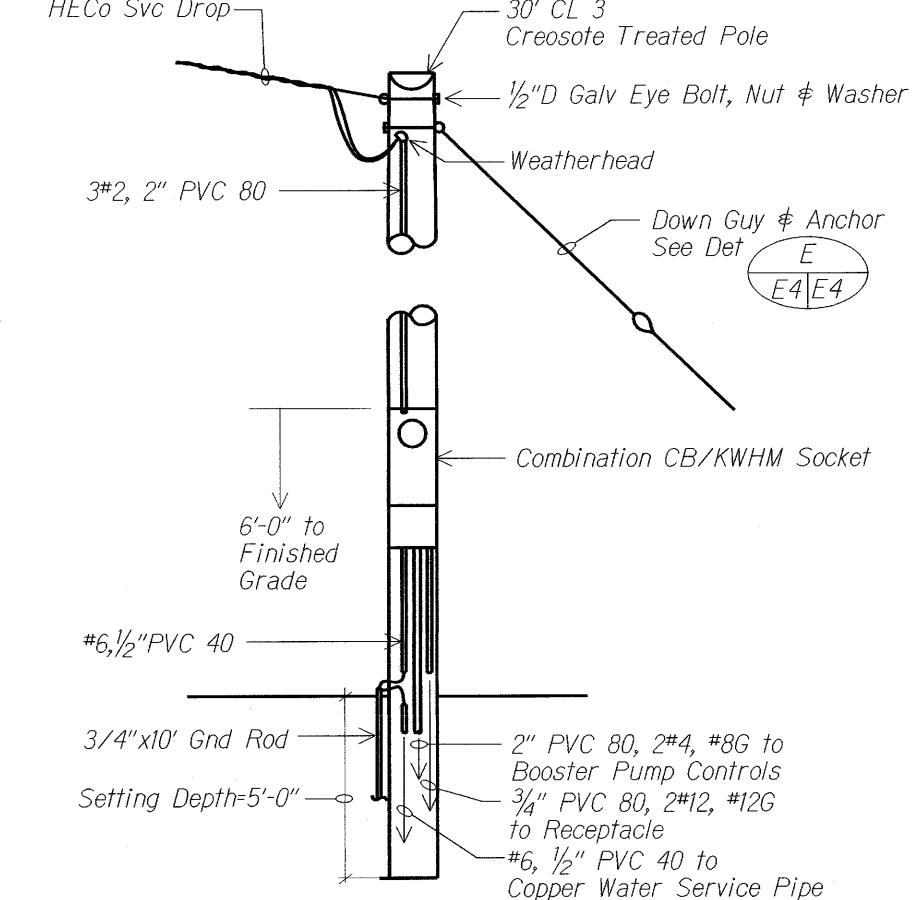


FISCAL SHEET TOTAL YEAR NO. SHEETS FED. ROAD DIST. NO. STATE PROJ. NO. 61C-01-04M 2004 45 91 HAW.

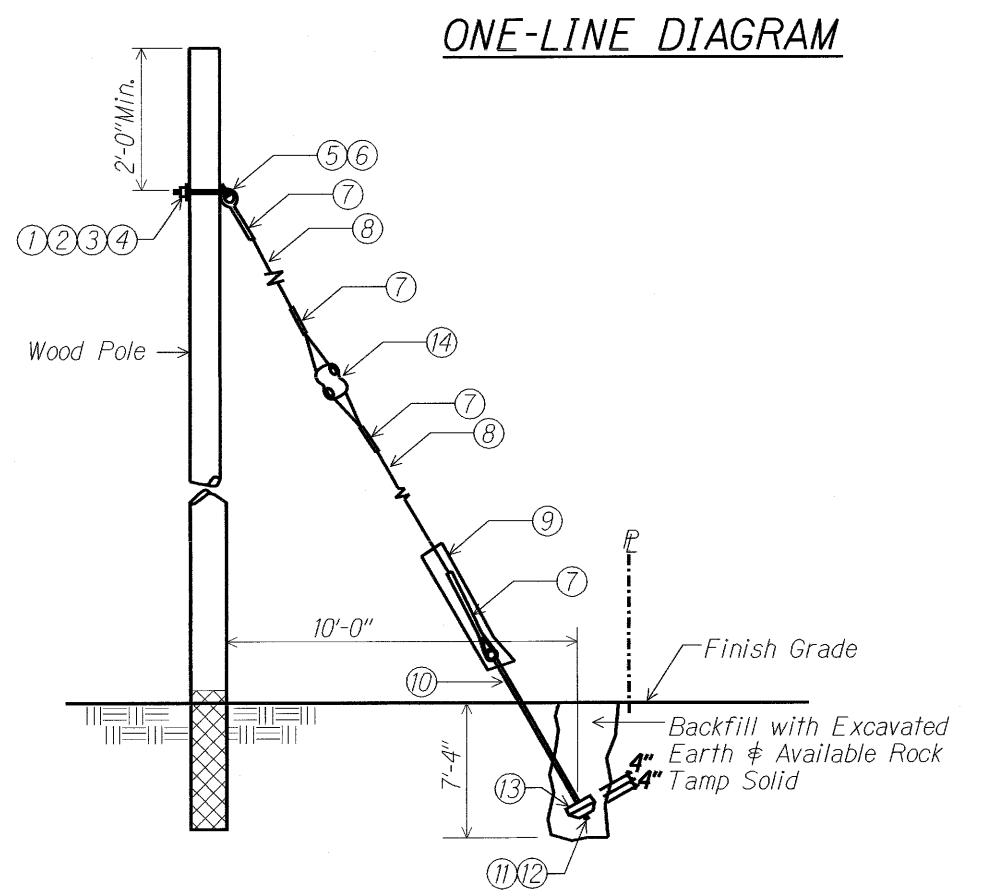


IRRIGATION PUMP ELECTRICAL PLAN E-1 E-4 NTS

-() 7.5HP 230V/1PH/40A Booster Pump with Integral Controls

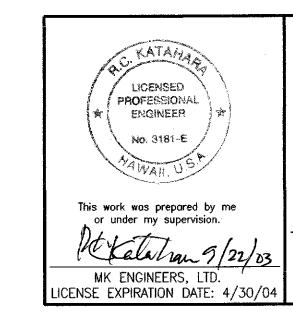


ELECTRICAL SERVICE EQUIP DETAIL



GUY ANCHOR DETAIL

Item	Description
1	Washer, Round, Galvanized, 3/8"
2	Nut, Square Head, Galvanized, 5/8"
3	M-F Locknut, 5/8"
4	Angle Thimble Eye Bolt, 5/8"
5	Screw, Lag, Galvanized, ½"x4"
6	Lift Plate, 3 Hole, ¼" Steel Plate
7	Guy Grip, Galvanized
8	Galvanized Stranded Guy Wire, 5/8" Dia.
9	Guy Protector, 8'-0" PVC or Vinyl
10	Anchor Rod, Twin Eye, 8'-0"x1"
11	Washer Square, Galvanized, 1"
12	Nut, Galvanized, Square Head, 1"
13	Concrete Anchor
14	Guy Strain Insulator



STATE OF HAWAII **DEPARTMENT OF TRANSPORTATION**

DUCT SECTIONS & MISC. DETAILS

KALANIANAOLE HIGHWAY EMERGENCY LANDSLIDE REPAIRS AT CASTLE JUNCTION PROJECT NO. 61C-01-04M Scale: Date:9/26/03

> SHEET No. E-4 OF 4 SHEETS

> > 45