

15'-0" Photo-Cell 2 Truss Type Alum. Bracket Arm to be Furnished and Installed by KE 1 <u>Luminaire</u> — -<u>Aluminum Pole,</u> to be Furnished and Installed by KE, Mounting Height minal height = 35'-t to Withstand 100 MPH Wind w/o Permanent Pole Height: Deformation 30'-6" nominal for 250W HPS Terrain Varies, see Civil Plans for Grades -Breakaway Transformer Base to be Furnished by KE and Installed by Contractor Min 2'-0" Clear, See Plan Handhole-_Edge of shoulder -<u>Conc. Base</u> **ELEVATION** NOTES:

FED. AID PROJ. NO.

STP-051-1(9)

FED. ROAD DIST. NO.

HAWAII

STATE

FISCAL YEAR

1999 | 22

SHEET NO.

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- 1 250 Watt HPS Luminaire, (to be Furnished and Installed by KE)
- 2 Photocell and receptacle, 120V. (to be Furnished and Installed by KE)

HIGHWAY LIGHT TRANSFORMER BASE DETAIL

Not To Scale

Base Supplied With:

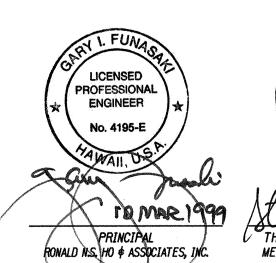
- 1. Use Largest Possible Bolt Circles.
- 2. Door and 1/4"-20NC S.S. Screw
- 3. Eight 1" Washers $\frac{1}{2}$ " Thick x 2 $\frac{3}{4}$ " O.D. (Washers Mechanical Galvanized per ASTM B454)
- 4. Four 1"-8NC x 4" Long Galvanized Steel Hex H.D. Bolts
- 5. Four 1"-8NC Galvanized Steel Hex Nuts
- 6. Four 1" Galvanized Steel Lock Washers
- 7. Four 1" x 2" O.D. Galvanized Steel Flatwashers

BREAKAWAY TRANSFORMER BASE DETAIL Not To Scale



- [1] Concrete Foundation: 3000 PSI (28-Day Compressive Strength)
- 2 Anchor Bolts: to be Furnished by KE and Installed by Contractor.
- 3 Transformer Base: to be Furnished by KE and Installed by Contractor.
- 4 To be Furnished and Installed by Contractor.
- 5 To be Furnished and Installed by KE.
- 6 To be Furnished by KE and Installed by Contractor.

CONCRETE BASE ELEVATION Not To Scale





STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHT DETAILS

KAPULE HIGHWAY,

INTERSECTION IMPROVEMENTS

AT HAOA STREET

Federal Aid Proj. No. STP-051-1(9)

Scale: As Shown Date: May 1998

SHEET No. 1 OF 1

1 SHEETS

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