

Mound 2" of top soil above finish grade, Trench Width Resod to match existing Aggregate subbase reg'd. if within 12" 10 ft. of pavement Warning Tape (Note 2) Type "B" Backfill See Duct

shown, whichever is greater. 1) EXCAVATION AND

or the minimum thickness

BACKFILL SECTION Within State right-of-way under existing roadway & paved shoulder

DUCT SECTIONS

Not to Scale

2 EXCAVATION AND BACKFILL SECTION Within State right-of-way under unpaved shoulder

STATE RIGHT-OF-WAY BACKFILL NOTES

Not to Scale

Trench Backfill Material "B" 1. Sand equivalent ≥ 2

2. 8" max. lift loose

3. 95% compaction

Trench Backfill Material "A" 1. Sand equivalent ≥ 20

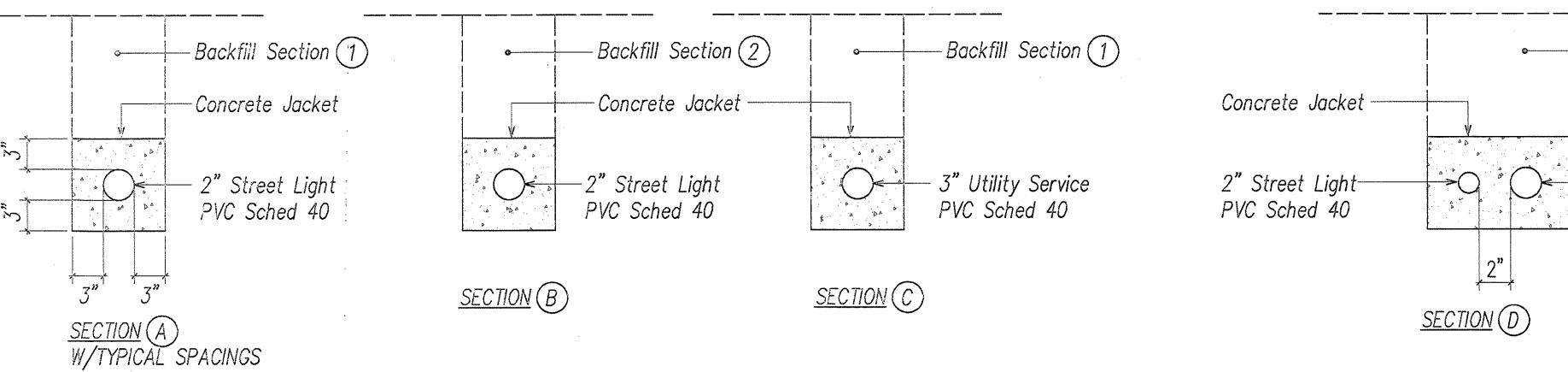
2. 8" max. lift loose 3. 95% compaction

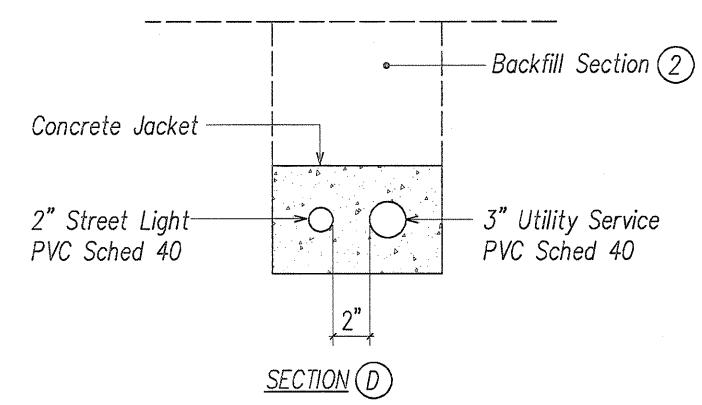
If Material below duct is not equivalent to backfill material "A", excavate material & provide 3" backfill material "A". See above

Concrete - 3" Encasement, 2500 PSI compressive strength within 3 days.

Base course & sub-base course per 1994 State Standard Specifications for Highway Construction.

2. 3" wide yellow colored plastic tape. 1-mil continuous metallic backing, corrosion resistant, inscribed with: "CAUTION-ELECTRICAL LINE BURIED BELOW" in black lettering, repeated at thirty—six inch intervals.







THIS WORK WAS PREPARED BY ME OR UNDER MY SURERVISION.

RONALD N. S. HO & ASSOC., INC. ELECTRICAL ENGINEERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION DUCT SECTIONS

WAOKANAKA STREET INSTALLATION OF HIGHWAY LIGHTS PROJECT NO. HWY-0-10-98

SCALE: AS NOTED

FED. ROAD DIST. NO.

FISCAL YEAR

10

HAW. HWY-0-10-98 1999

TOTAL SHEETS

DATE: JAN 1999

SHEET No. 10 OF 13 SHEETS

