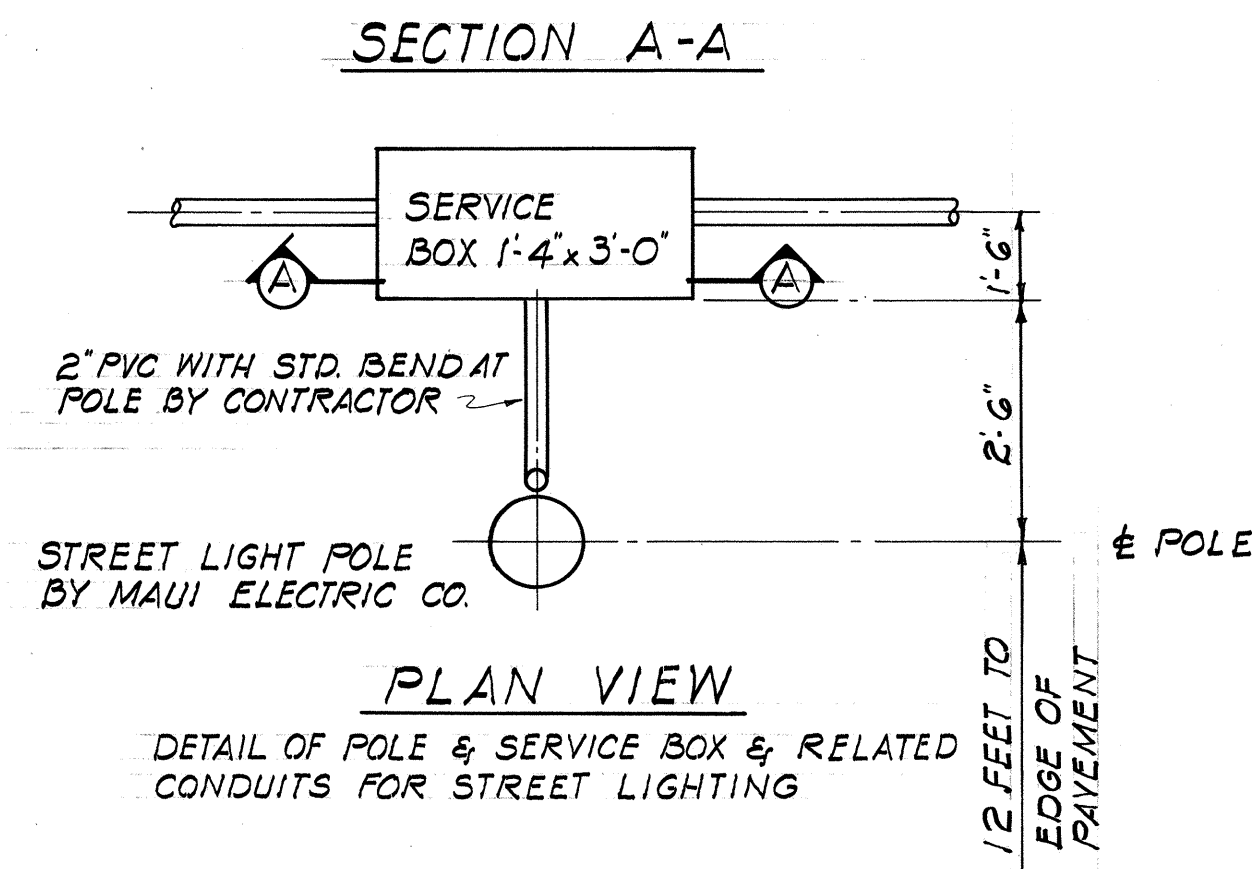
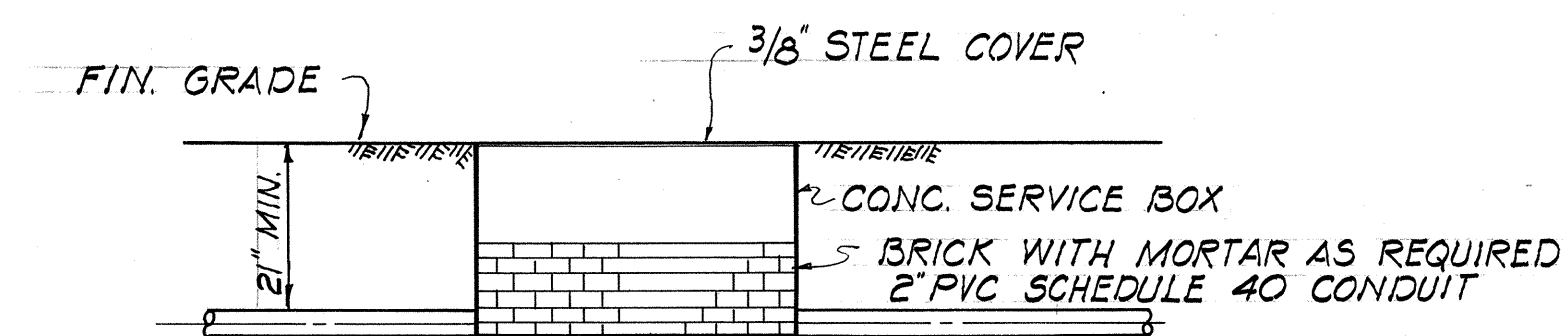
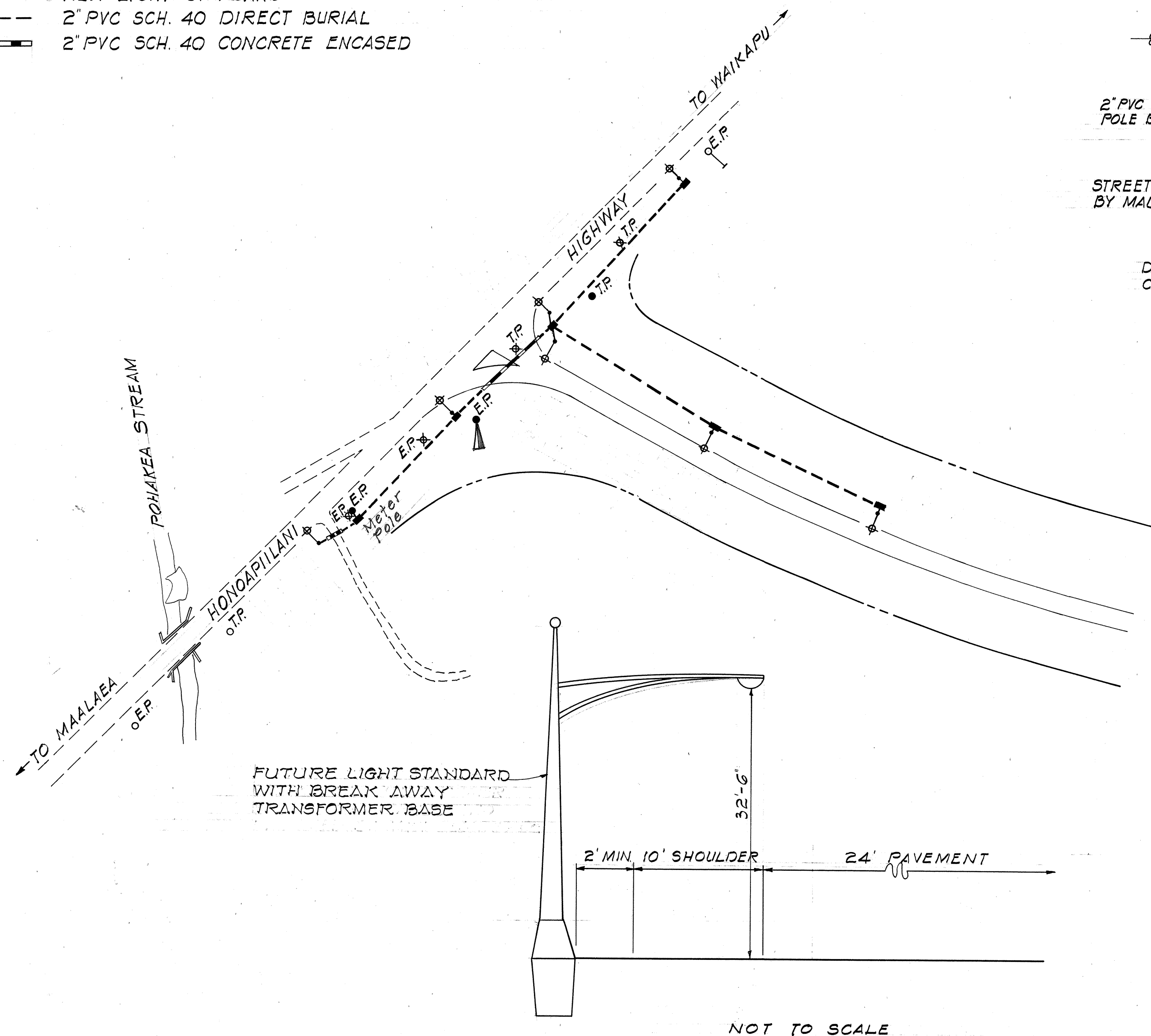
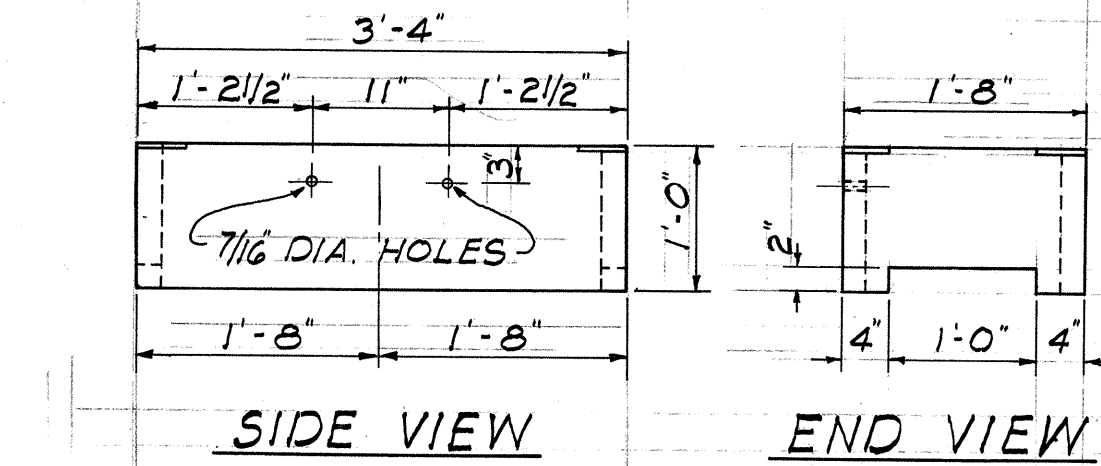
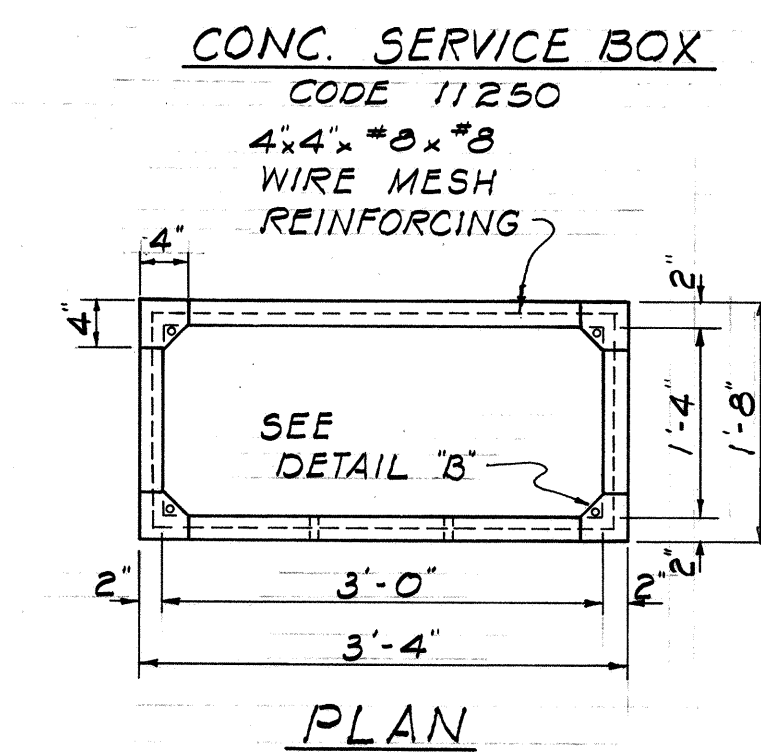


UTILITY SYMBOLS

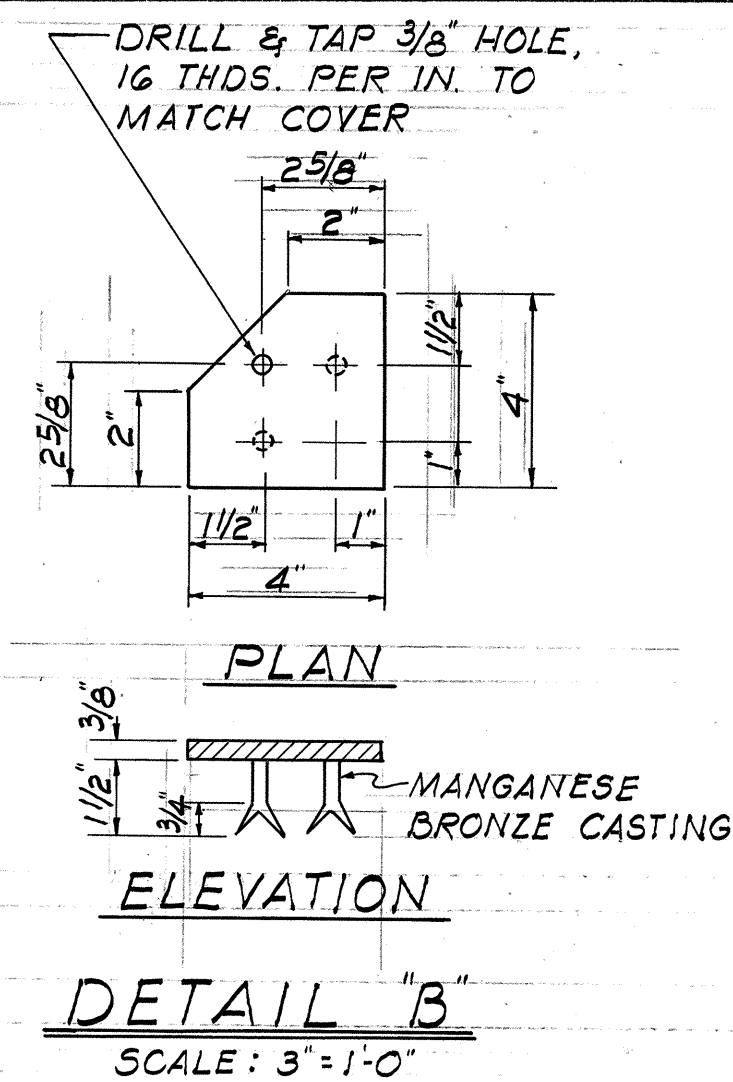
- E.P. EXISTING ELEC. OR TEL. POLE
- ✕ T.P. EXISTING ELEC. OR TEL. POLE TO BE REMOVED
- E.P. NEW ELECTRIC OR TELEPHONE POLE
- EXISTING POLE WITH EXISTING ANCHOR
- EXISTING POLE WITH NEW ANCHOR
- NEW POLE WITH NEW ANCHOR
- EXISTING PULL BOX OR SERVICE BOX
- NEW PULL BOX OR SERVICE BOX
- EXISTING LIGHT STANDARD
- NEW LIGHT STANDARD
- 2" PVC SCH. 40 DIRECT BURIAL
- 2" PVC SCH. 40 CONCRETE ENCASED



DETAIL "A"
TYPICAL ALL LIGHT POLES



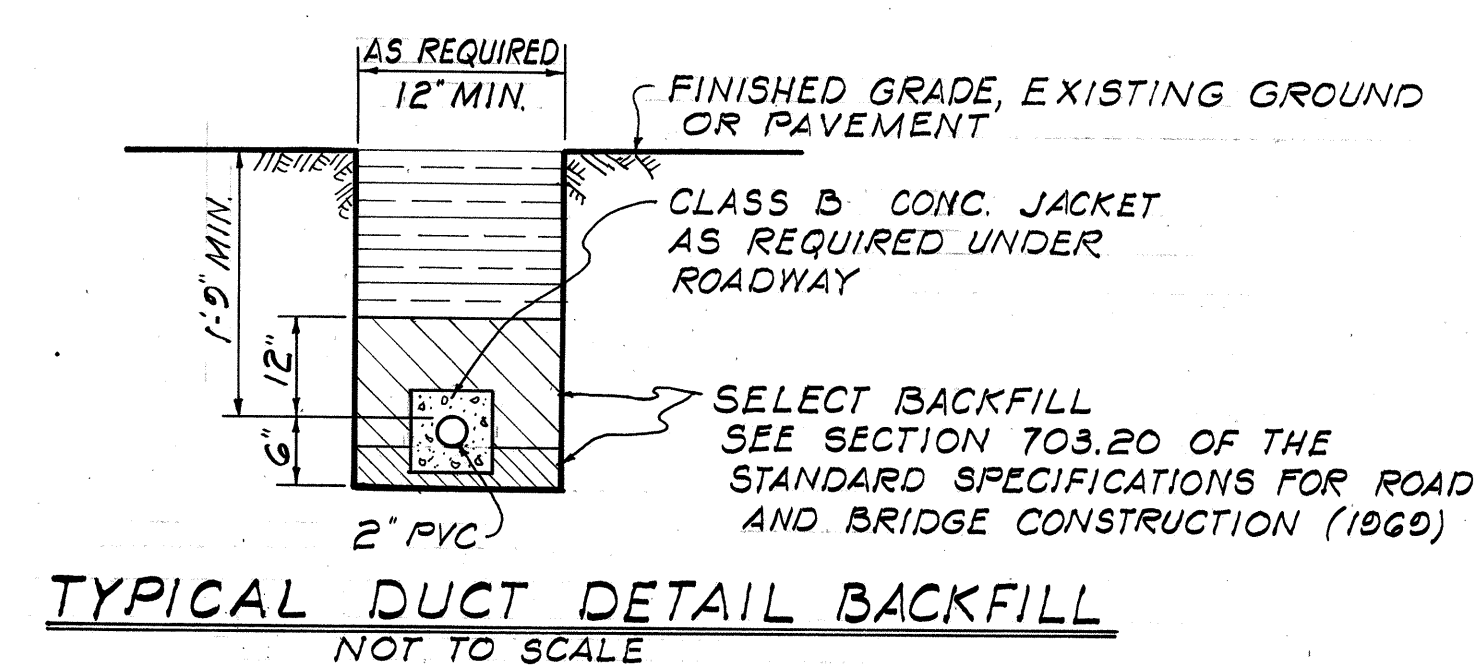
1/4" CHECKERED PLATE COVER
(GALVANIZED) CODE 11300
CONCRETE SERVICE BOX & COVER
SCALE: 3/4" = 1'-0"



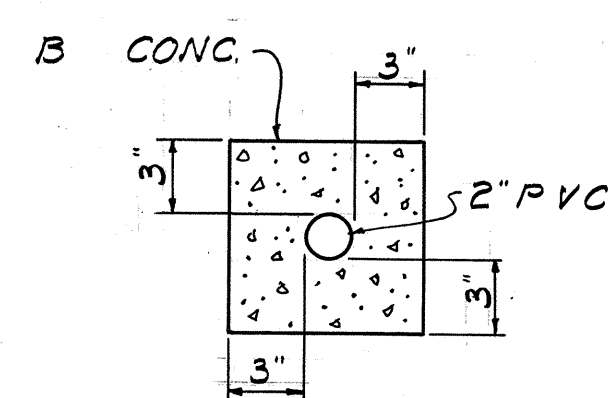
- NOTE**
1. USE 3/8" PLATE FOR DRIVEWAYS.
 2. HOT DIP GALV. CHECKERED PLATE AFTER DRILLING, COUNTERSINKING, AND GRINDING EDGE.
 3. SECURE COVER WITH 3/8"x1" FLAT HEAD BRASS MACHINE SCREWS, CODE 36200.
 4. CONC. BOX: 225 LBS.; 1/4" PLATE: 62 LBS.
 5. APPLY ONE COAT OF NON-SKID PLASTIC VENEER (GRAY) ON THE CHECKERED PLATE BEFORE COATING. THE SURFACE SHALL BE DRY AND FREE OF ANY LOOSE PAINT, DIRT, SLAG, FLUX, DUST AND OIL.

APPROVED BY: *E. L. Macdonald*
HAWAIIAN TELEPHONE CO., INC. DATE: 10-30-60
M. J. Sullivan
MAUI ELECTRIC CO. DATE: 10-29-60

- NOTE:**
1. ELECTRICAL AND TELEPHONE UTILITIES WILL BE RELOCATED BY MAUI ELECTRIC CO. AND HAWAIIAN TELEPHONE CO. RESPECTIVELY.
 2. SEE LIGHTING SYSTEM GENERAL NOTES FOR WORK TO BE DONE BY CONTRACTOR.



TYPICAL DUCT DETAIL BACKFILL
NOT TO SCALE

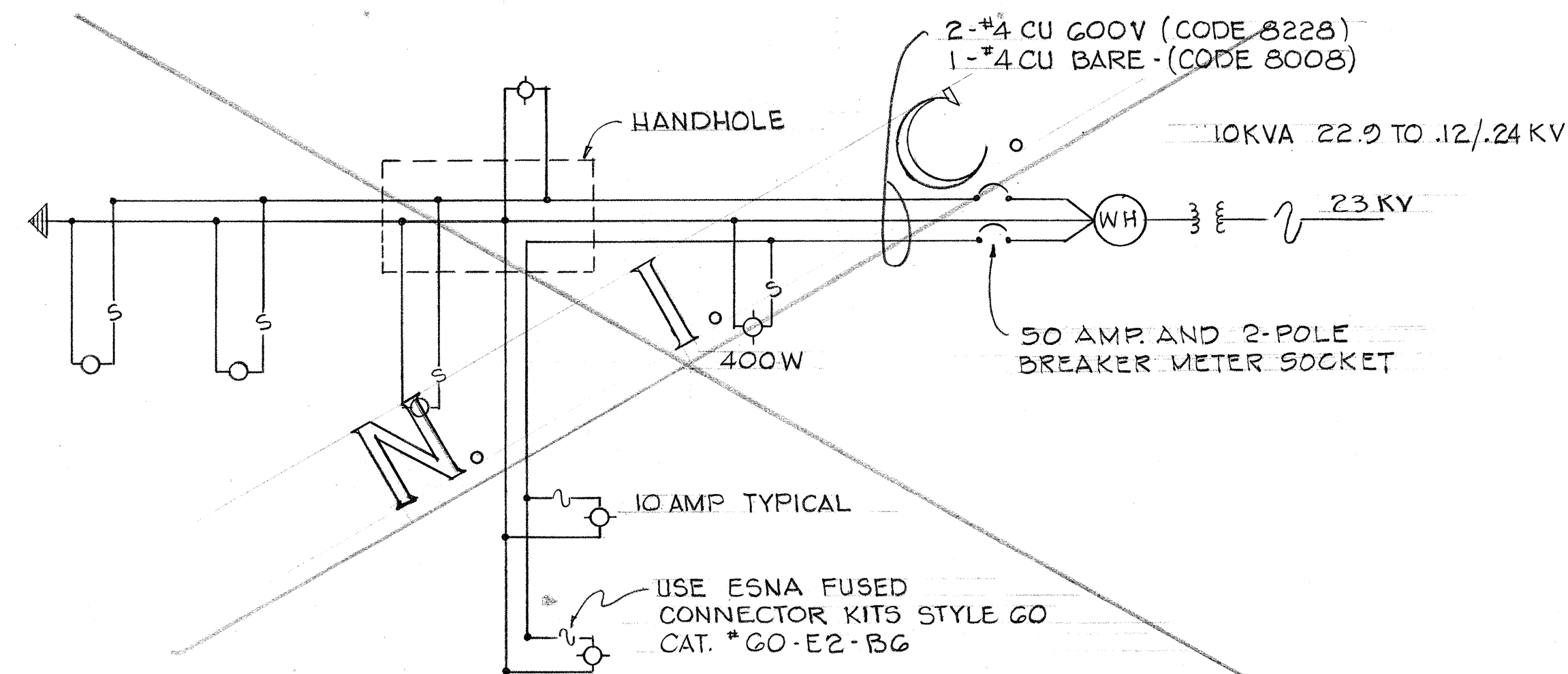


TYPICAL CONC. JACKET
SCALE: 1 1/2" = 1'-0"

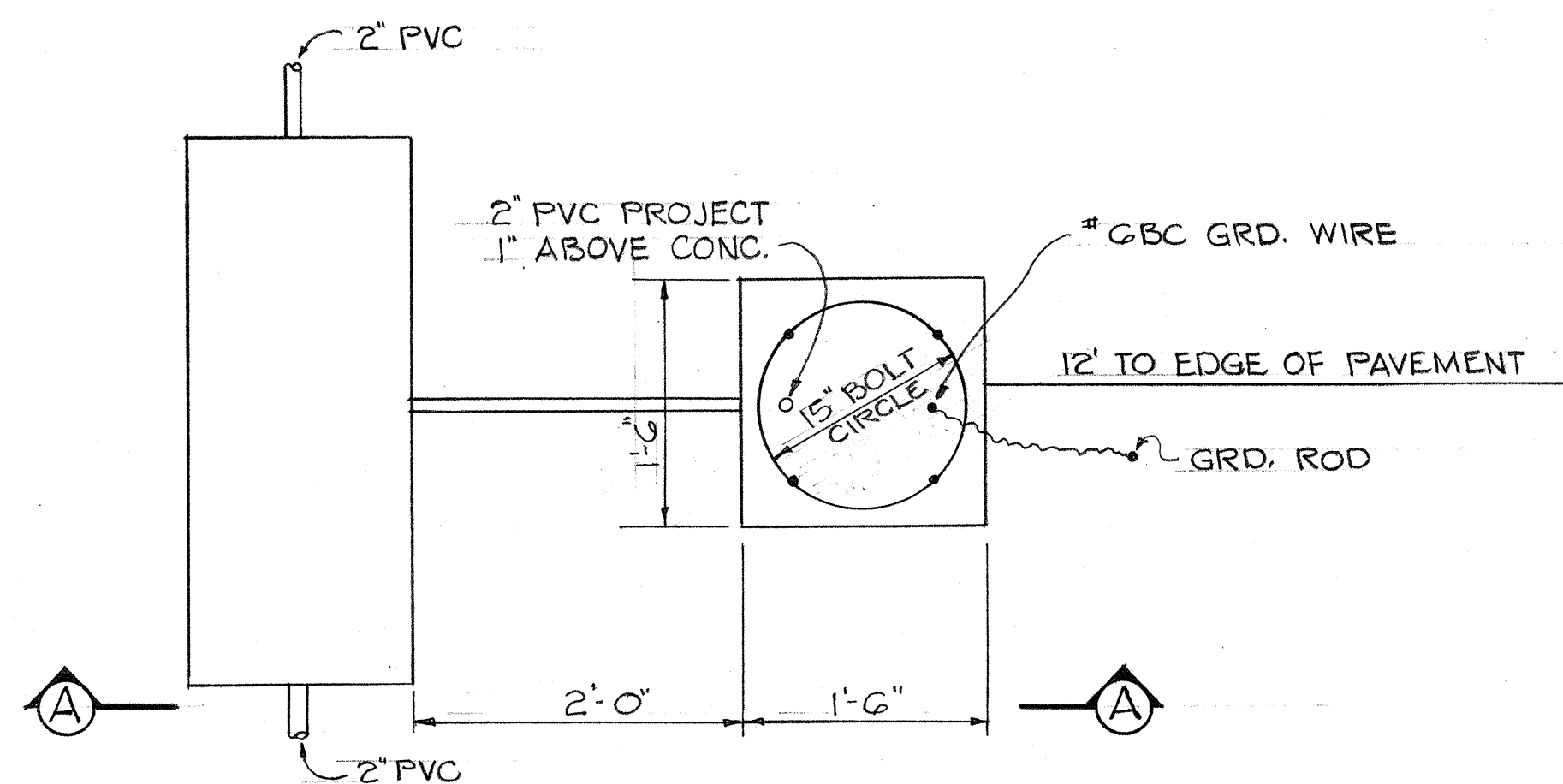
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
UTILITIES
HIGHWAY LIGHTING -
ELECTRIC - TELEPHONE
KAHULUI AIRPORT-MAALAE HWY.
(PUUNENE AVE. TO MAALAE)
PROJ. NO. S-0380 (6)
SCALE AS NOTED DATE
SHEET No. 1 OF 2 SHEETS

A 1111 4 5

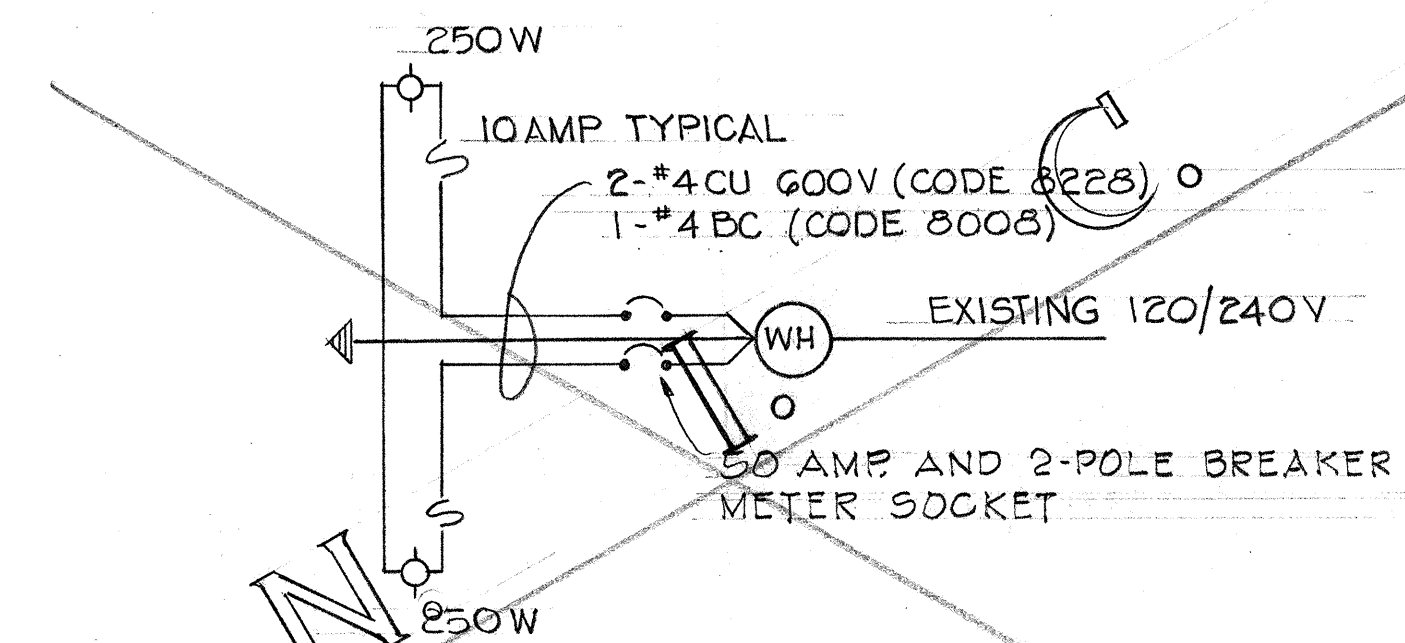
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0380(b)	1969	46	89



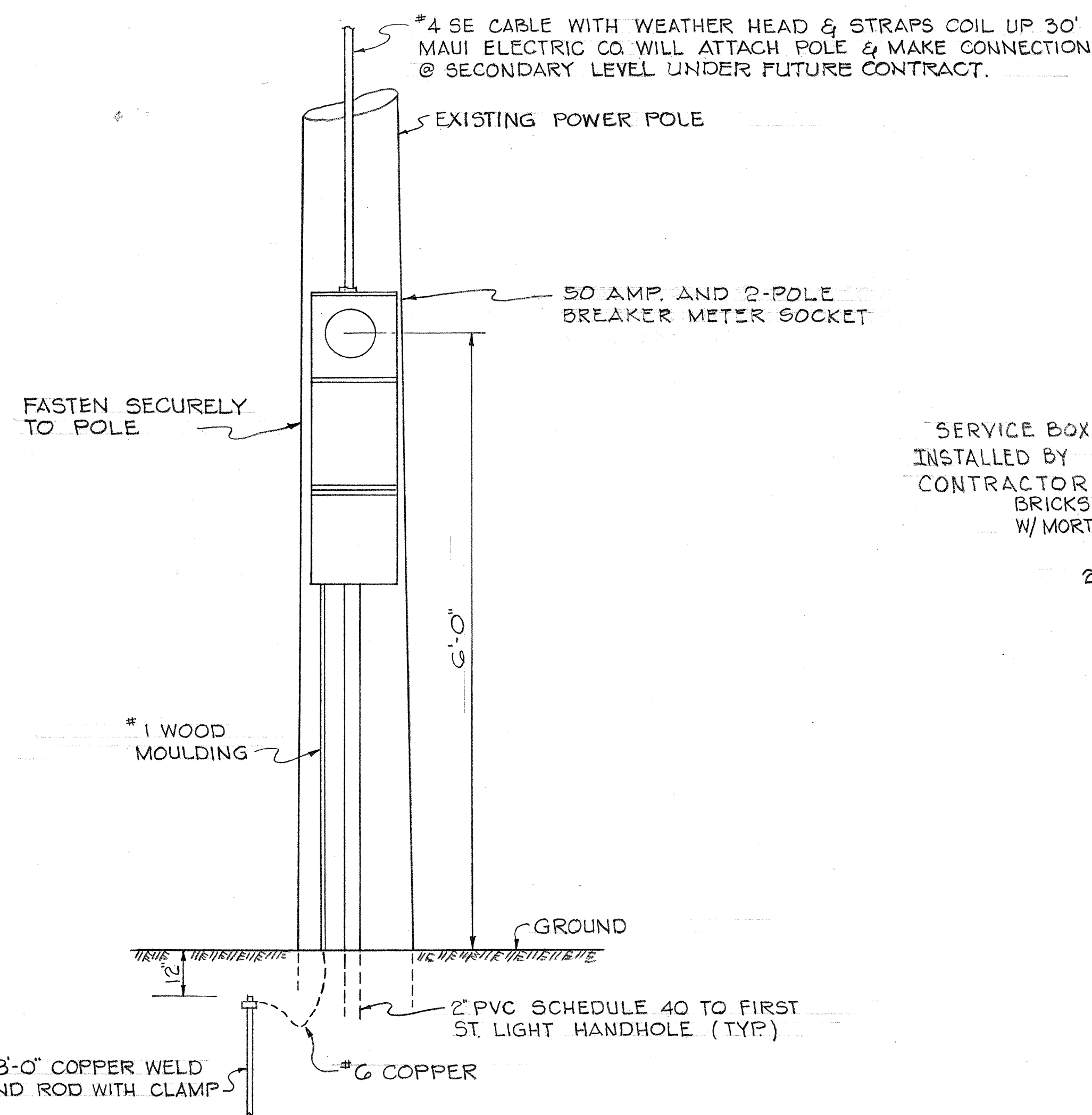
ONE LINE DIAGRAM ST. LIGHTING
HONOAPIILANI & NEW HIGHWAY INTERSECTION
7- 400 WATT



PLAN VIEW
NOT TO SCALE

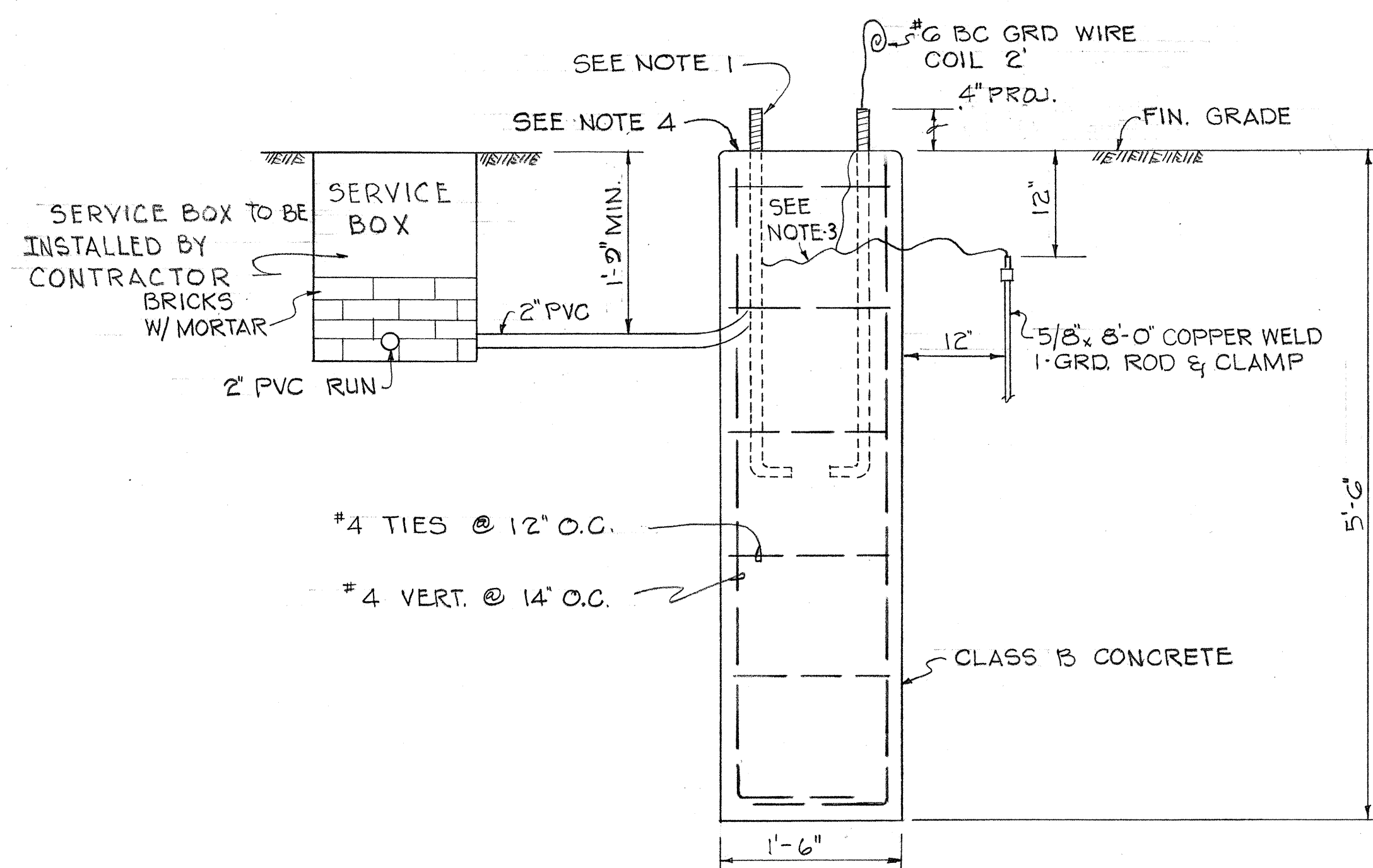


ONE LINE DIAGRAM ST. LIGHTING
NEW HIGHWAY & PUUNENE AVE. INTERSECTION
2-250 WATT



DETAIL "A"

STREET LIGHTING METERING POLE (2 REQ'D)
NOT TO SCALE



SECTION "A-A"

DETAIL OF FOOTING FOR ST. LIGHT POLES (2 REQ'D.)
NOT TO SCALE

DETAIL "B"

- ## HIGHWAY LIGHTING SYSTEM GENERAL NOTES

1. "x40" GALV. BOLTS TO BE FURNISHED AND INSTALLED BY CONTRACTOR (36 REQUIRED)
2. GROUND RODS, CONCRETE, #6 GRD. WIRE, STEEL REINFORCING, CONDUITS SUPPLIED AND INSTALLED BY CONTRACTOR.
3. BOND 4 ANCHOR BOLTS WITH #6 COPPER AND TIE TO GROUND WIRE BY CONTRACTOR.
4. CONCRETE FOOTINGS ON WHICH BREAK-AWAY TYPE BASES ARE PLACED SHALL BE FLUSH WITH THE FINISH GRADE.
5. THE ALUMINUM STREET LIGHT STANDARDS AND FIXTURES WILL BE SUPPLIED AND INSTALLED UNDER FUTURE CONTRACT.
6. VERIFY BOLT CIRCLE DIMENSIONS WITH M.E. CO. ENGR. DEPT. PRIOR TO PLACING OF CONCRETE AS THESE DIMENSIONS VARY DEPENDING UPON VENDOR FOR STREET LIGHT STANDARDS.
7. UNDERGROUND STREET LIGHT CABLES TO BE INSTALLED UNDER FUTURE CONTRACT.
8. 2" PVC SCH. 40 TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
9. 2" PVC SCH. 40 ENCASED IN CONCRETE TO BE SUPPLIED AND INSTALLED BY CONTRACTOR. TO BE INSTALLED UNDER THE PAVEMENT AND SHOULDER AREA.
10. METER SOCKET WITH BREAKER TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
11. ALL WORK DONE BY THE CONTRACTOR SHALL BE PAID UNDER HIGHWAY LIGHTING SYSTEM ON A LUMP SUM BASIS.
12. CONCRETE SERVICE BOX AND COVER AND PVC CONDUITS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR.
13. N.I.C. = NOT IN CONTRACT

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
No. _____	CHECKED BY _____

PRINTED ON NO. 1000H CLEARPRINT

APPROVED BY

G. Swain
MAUI ELECTRIC CO.

10-29-69
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
UTILITIES
HIGHWAY LIGHTING
ELECTRIC
KAHULUI AIRPORT-MAALAEA HWY.
PROJ. NO. 0380 (b)
SCALE AS NOTED OCT. 1962

SHEET No. 2 OF 2 SHEETS

A D D 4 G