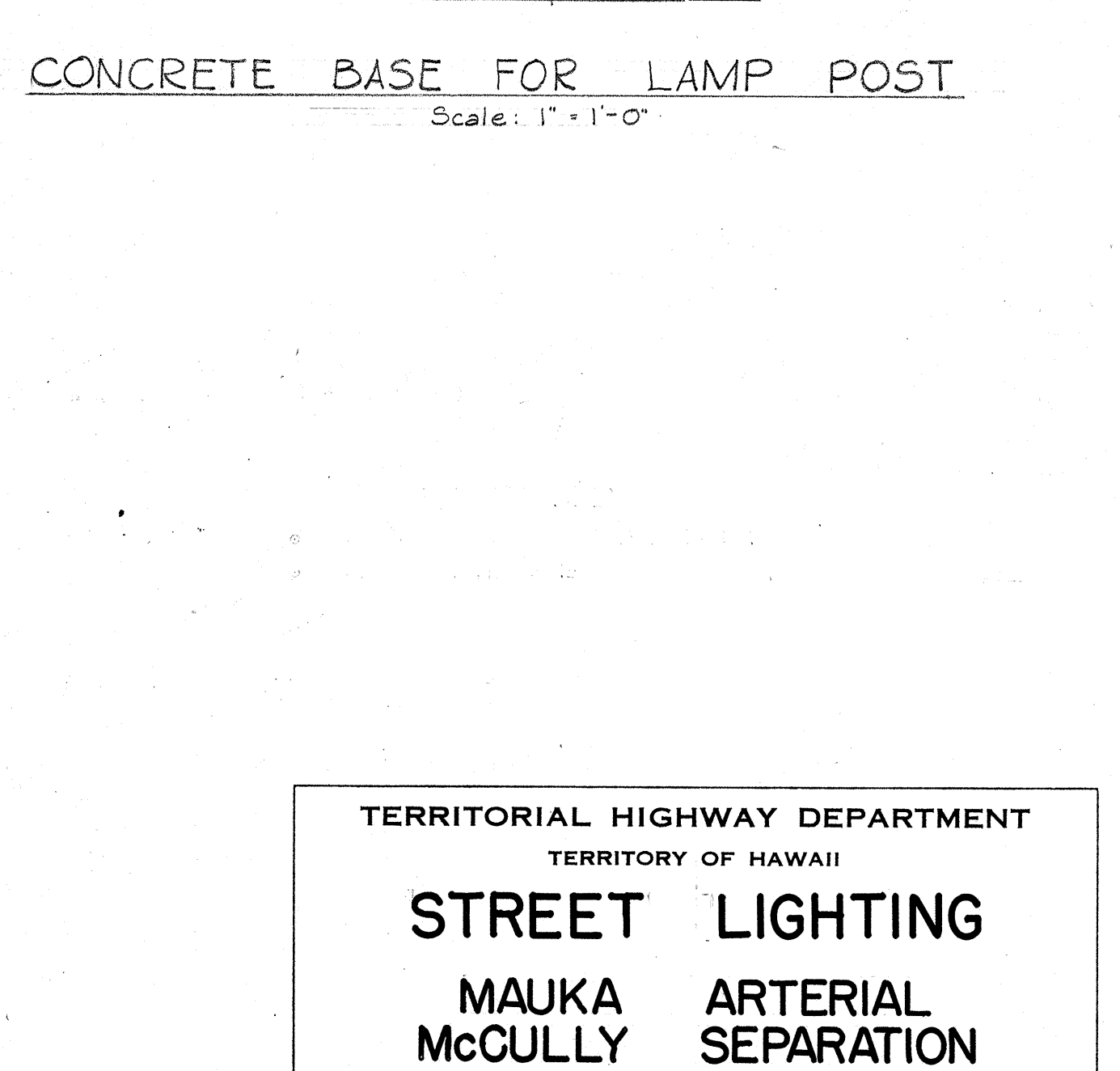
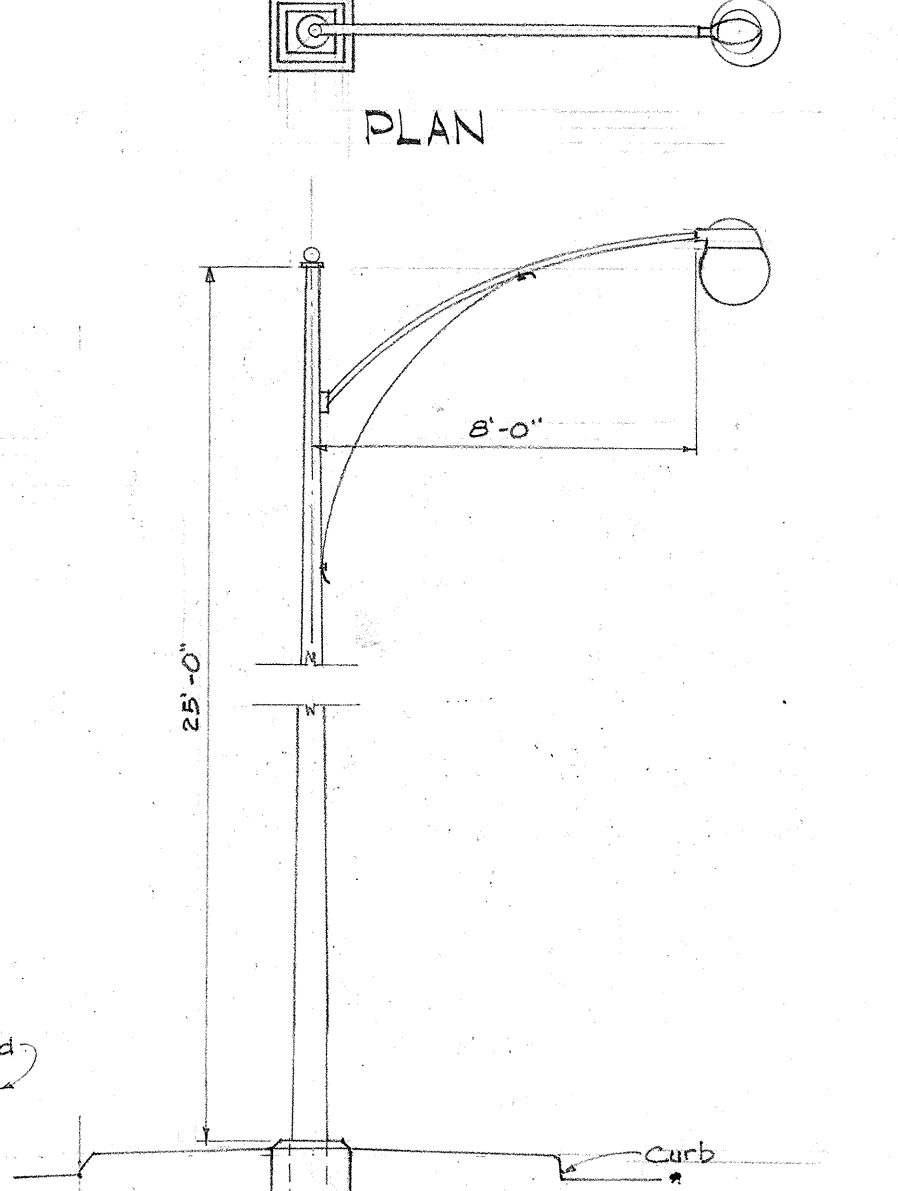
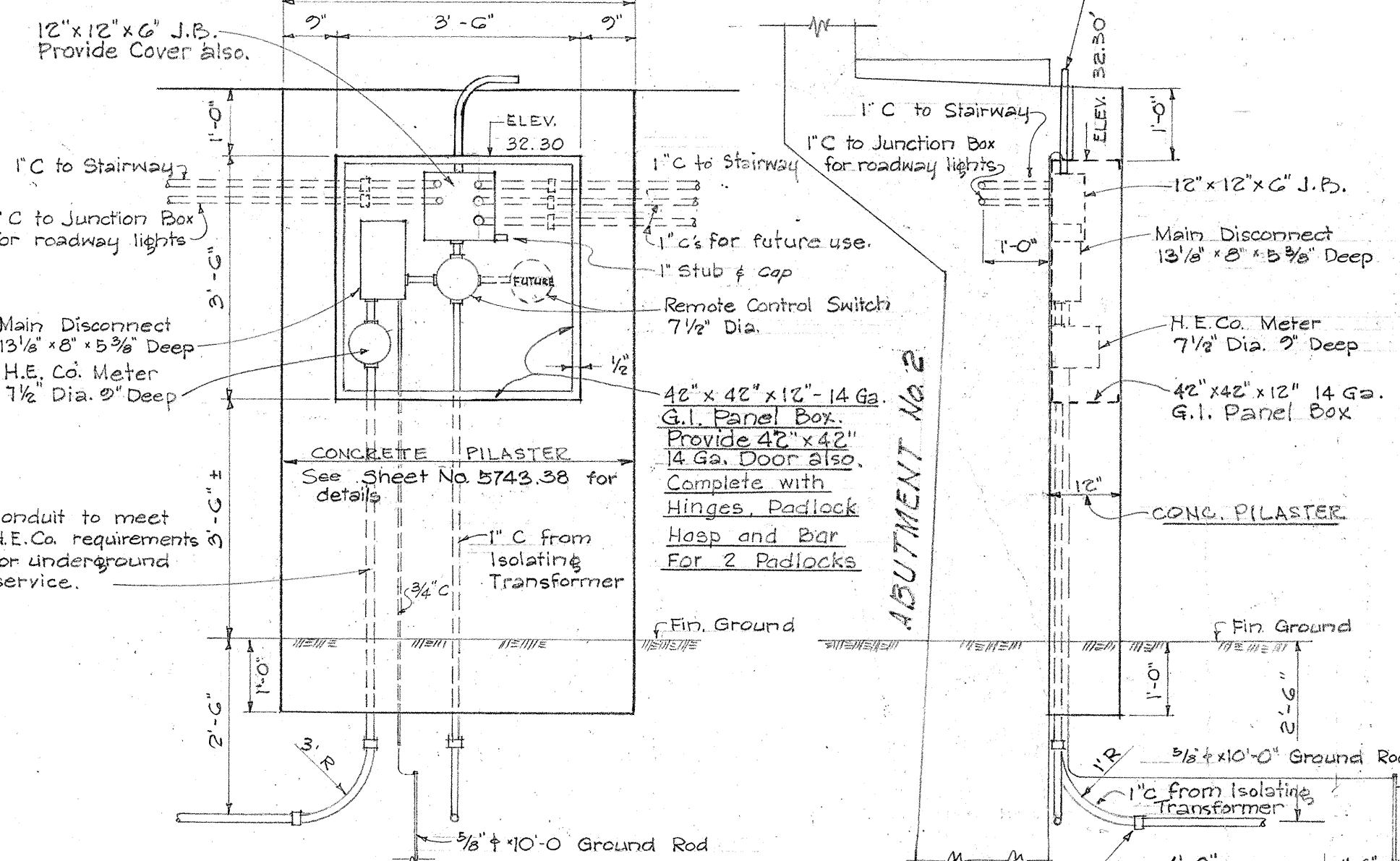
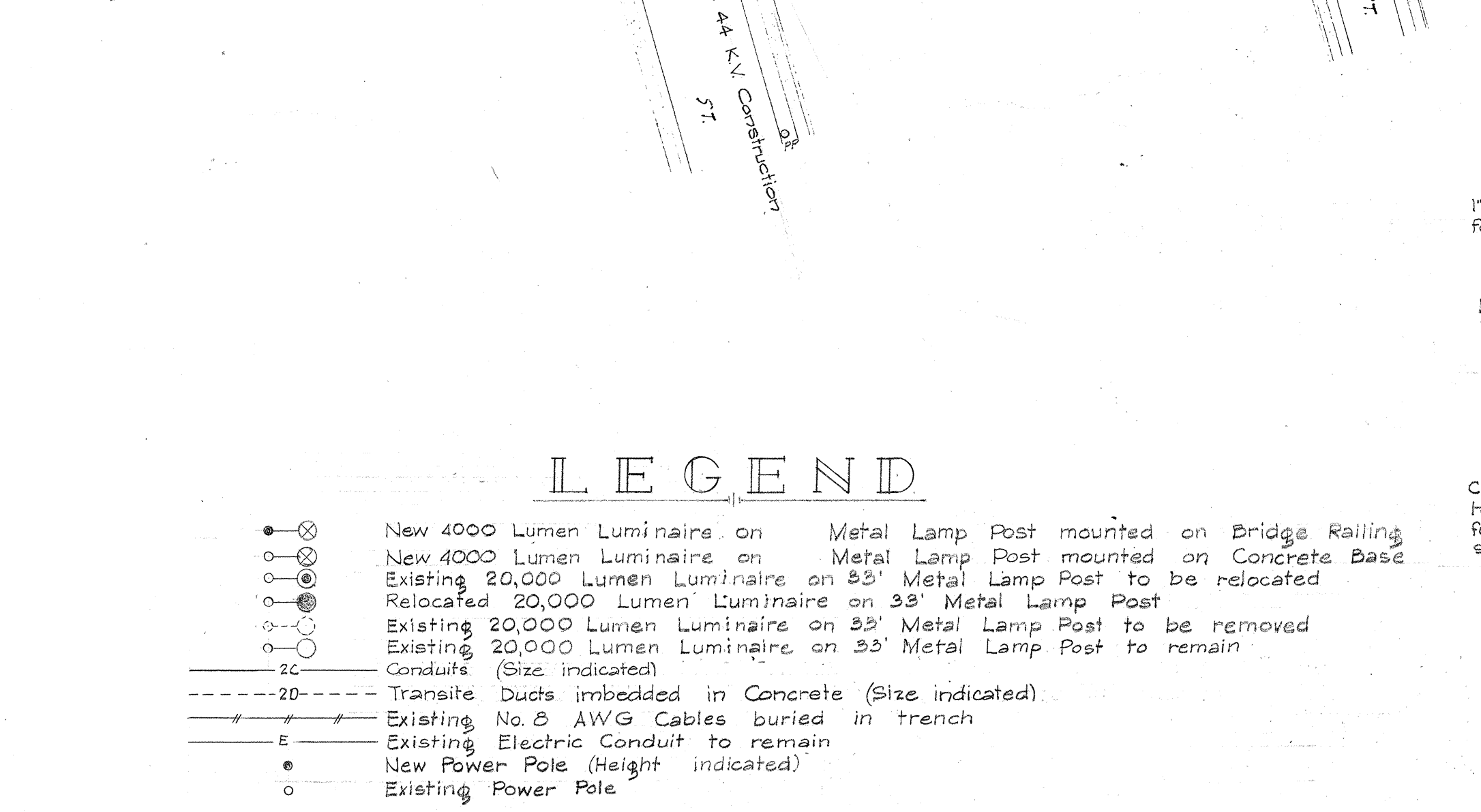
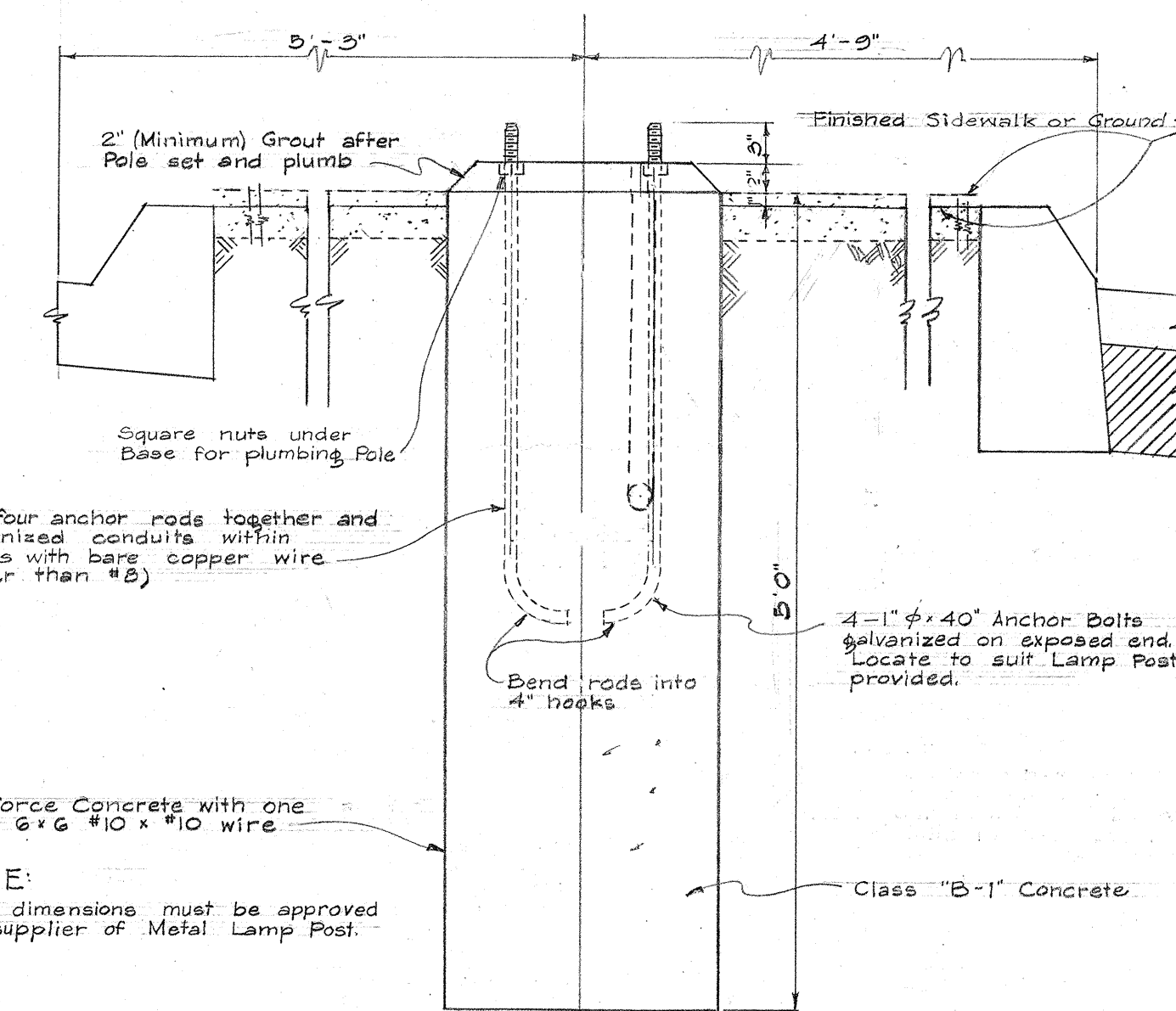
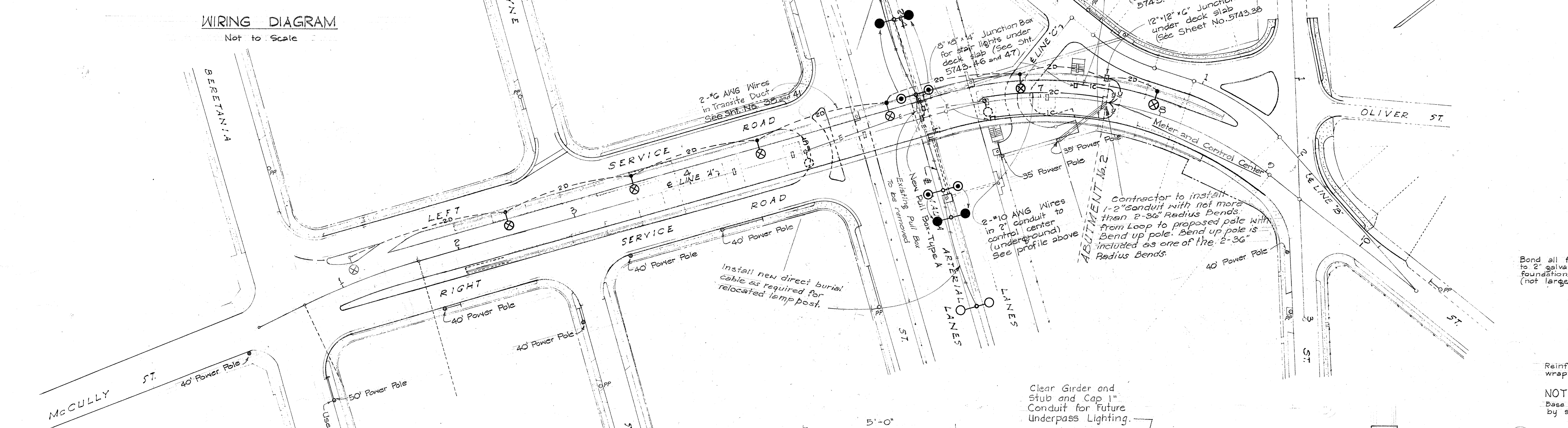
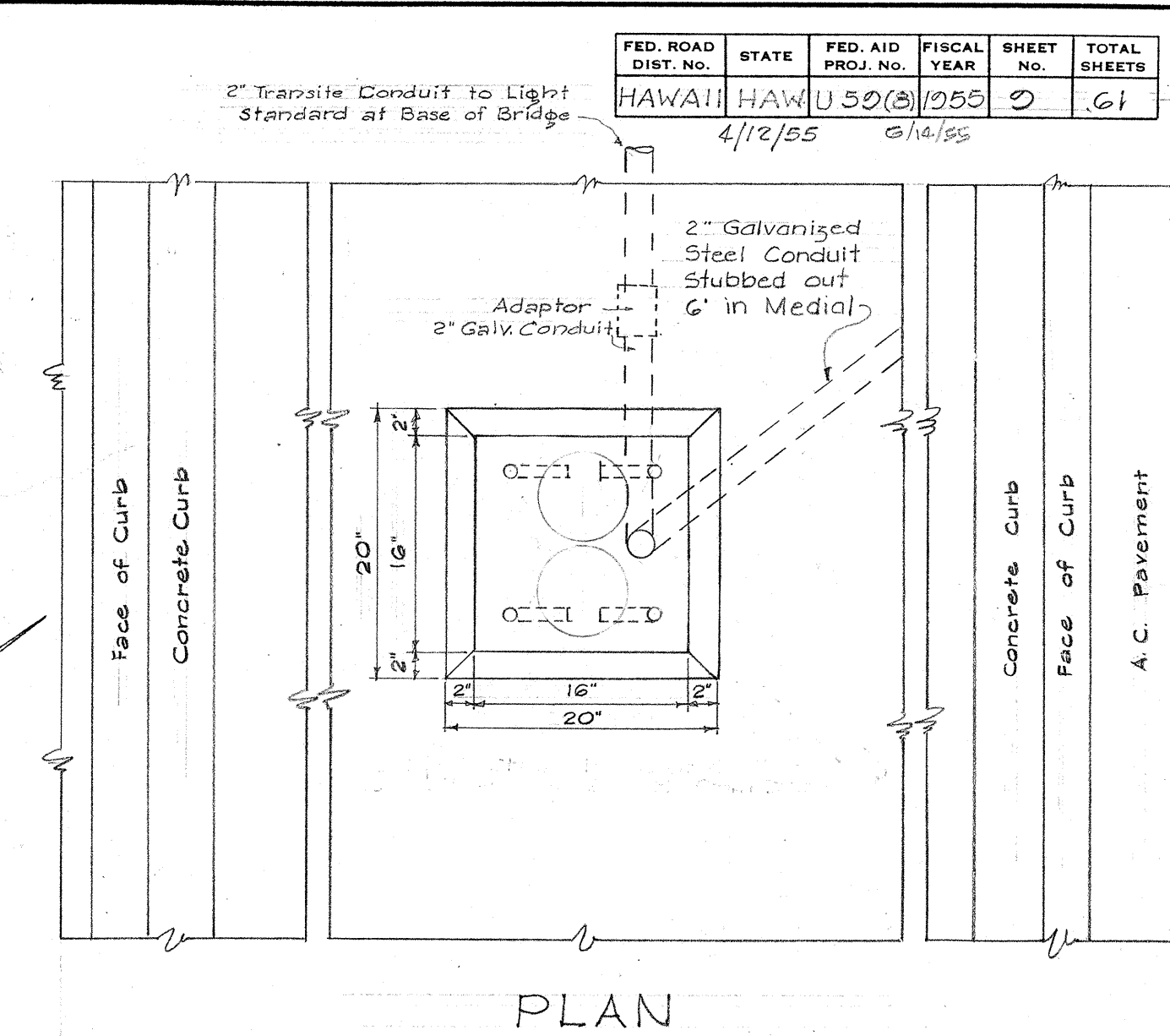
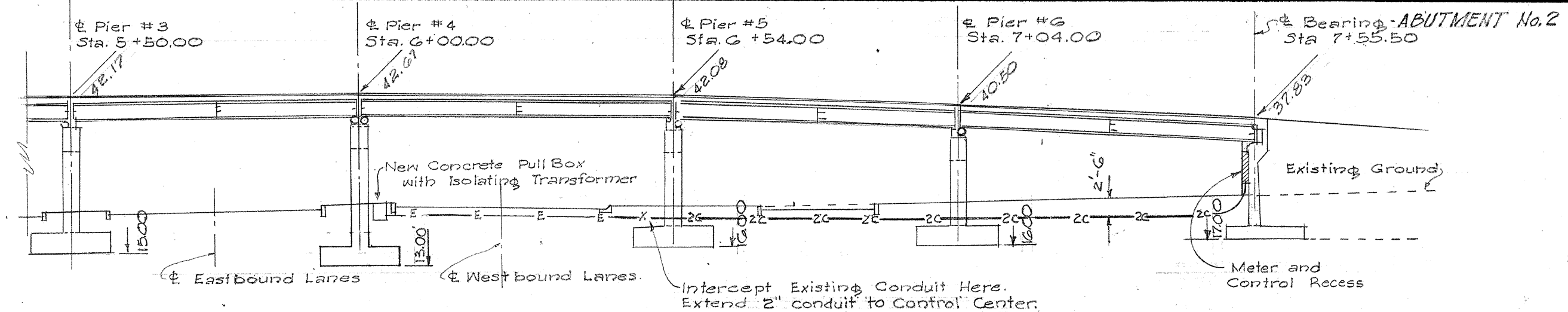
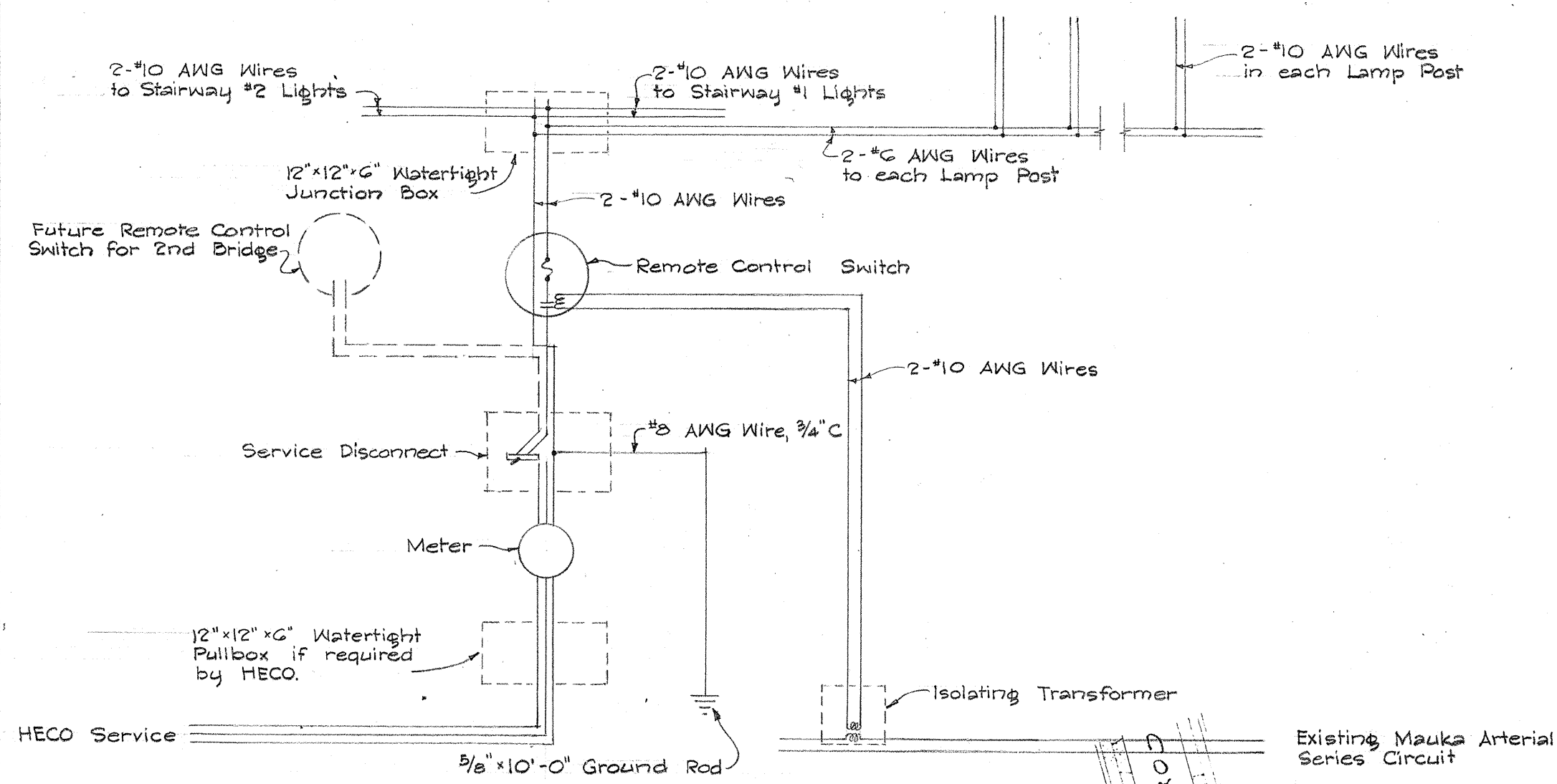




LEGEND

- New 4000 Lumen Luminaire on Metal Lamp Post mounted on Bridge Railing
- Existing 20,000 Lumen Luminaire on Metal Lamp Post mounted on Concrete Base
- Relocated 20,000 Lumen Luminaire on 33' Metal Lamp Post
- Existing 20,000 Lumen Luminaire on 33' Metal Lamp Post to be removed
- Existing 20,000 Lumen Luminaire on 33' Metal Lamp Post to remain
- 2" Conduits (Size indicated)
- 2" Transite Ducts imbedded in Concrete (Size indicated)
- Existing No. 8 AWG Cables buried in trench
- Existing Electric Conduit to remain
- New Power Pole (Height indicated)
- Existing Power Pole

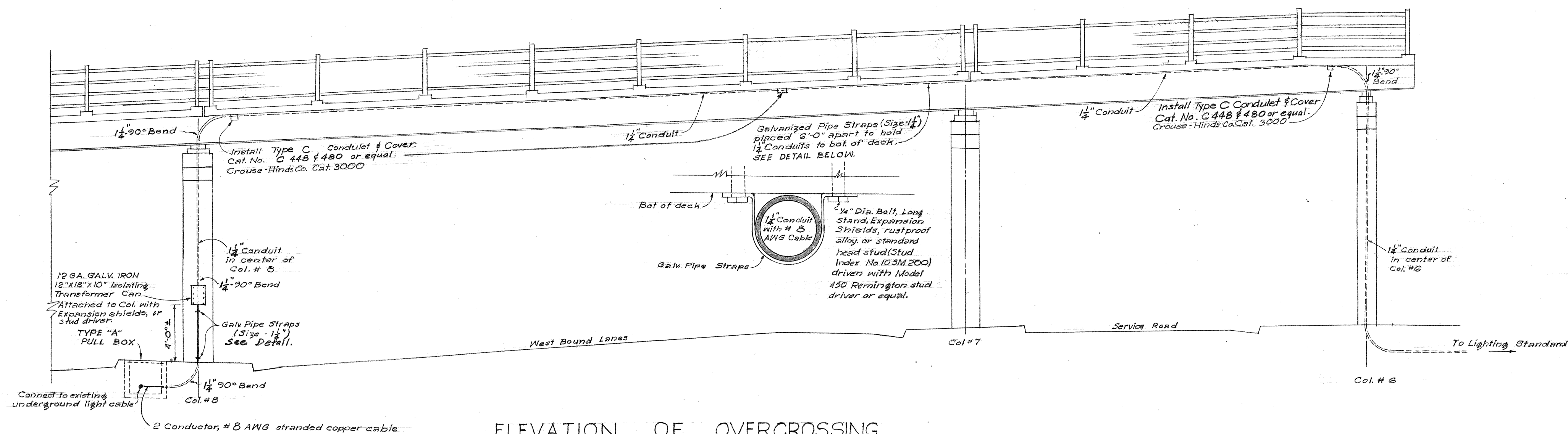
NOTE:

- For Stairway Lighting Luminaires, Conduits and Wiring see Sheet No. 5743.46 and 5743.47
- For detail of Pull Box - Type A, see Sht. No. 5743.10.
- For detail of Lamp Post mounted on Bridge Railing, see Sheet No. 5743.41
- For location of Lamp Post on McCully Separation Structure see Sheet No. 5743.30
- Work in removing and relocating existing lamp posts is to be performed in such a manner that existing highway lighting system remain in operation each night.

ORIGINAL PLAN
DESIGNED BY
DRAWN BY
CHECKED BY
NOTED BY
DATE

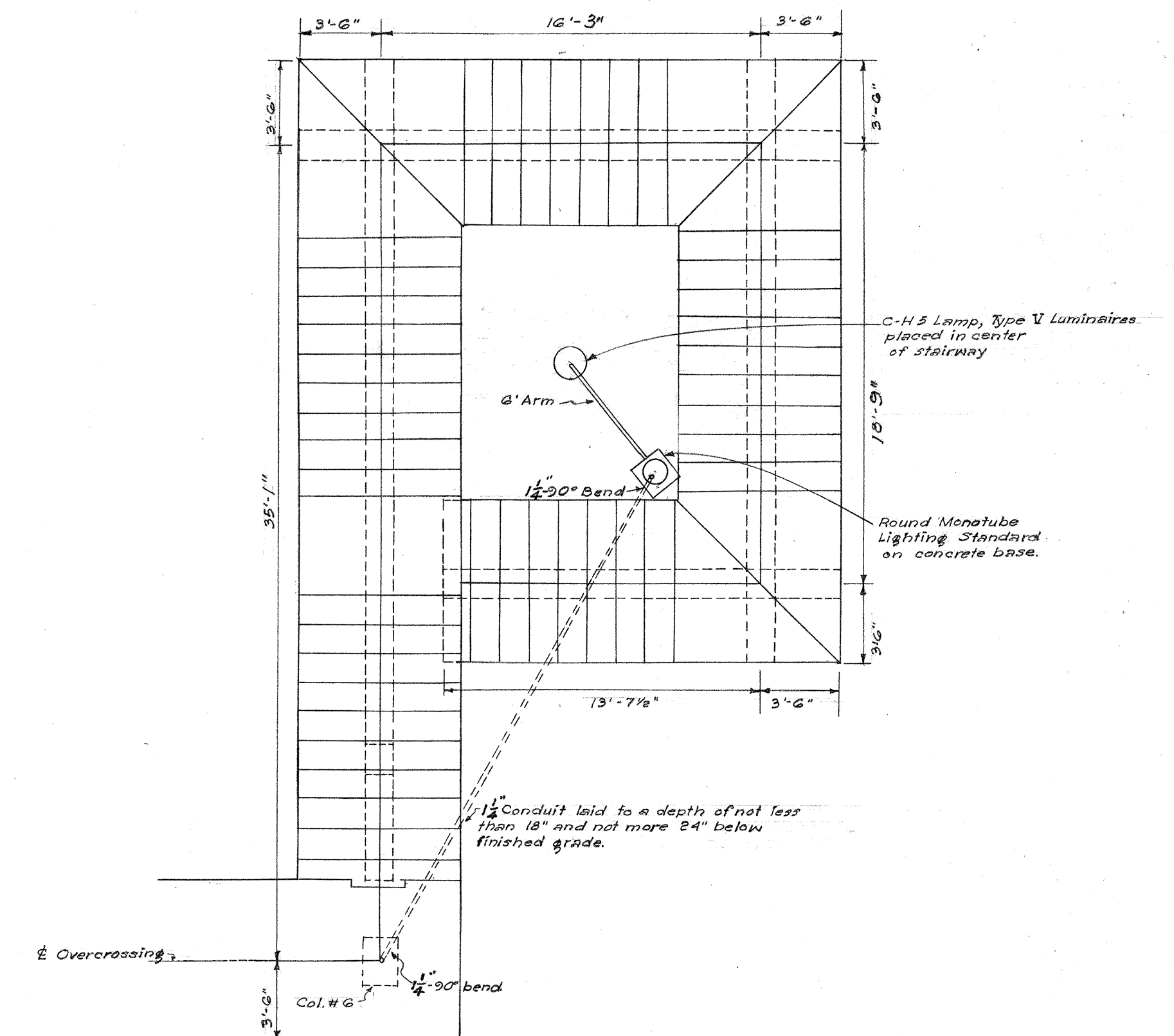
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
STREET LIGHTING
MAUKA ARTERIAL
McCULLY SEPARATION
PROJECT No. U 59 (8)
Scale: 1" = 50'
SHEET No. 1 OF 1 SHEETS

5743.9

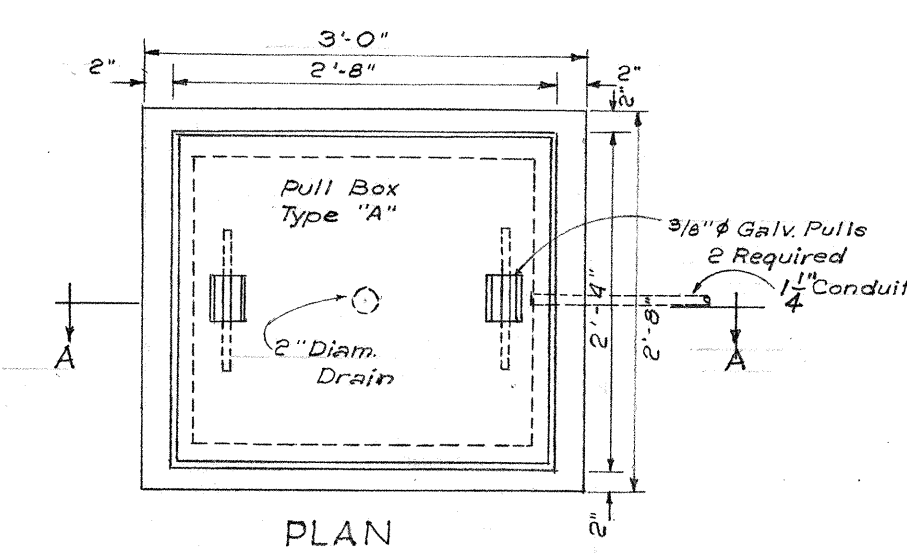


ELEVATION OF OVERCROSSING
(BET. COL. # 6 & COL. # 8)
Scale: 3/16" = 1'-0"

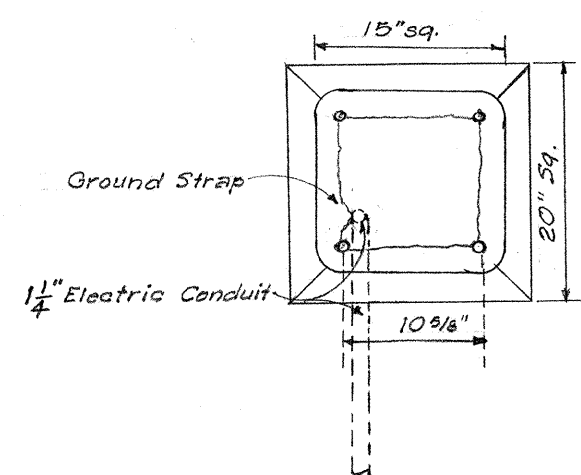
NOTE:
Exact location of Type "A" Pullbox shall be determined in field by the Engineer.



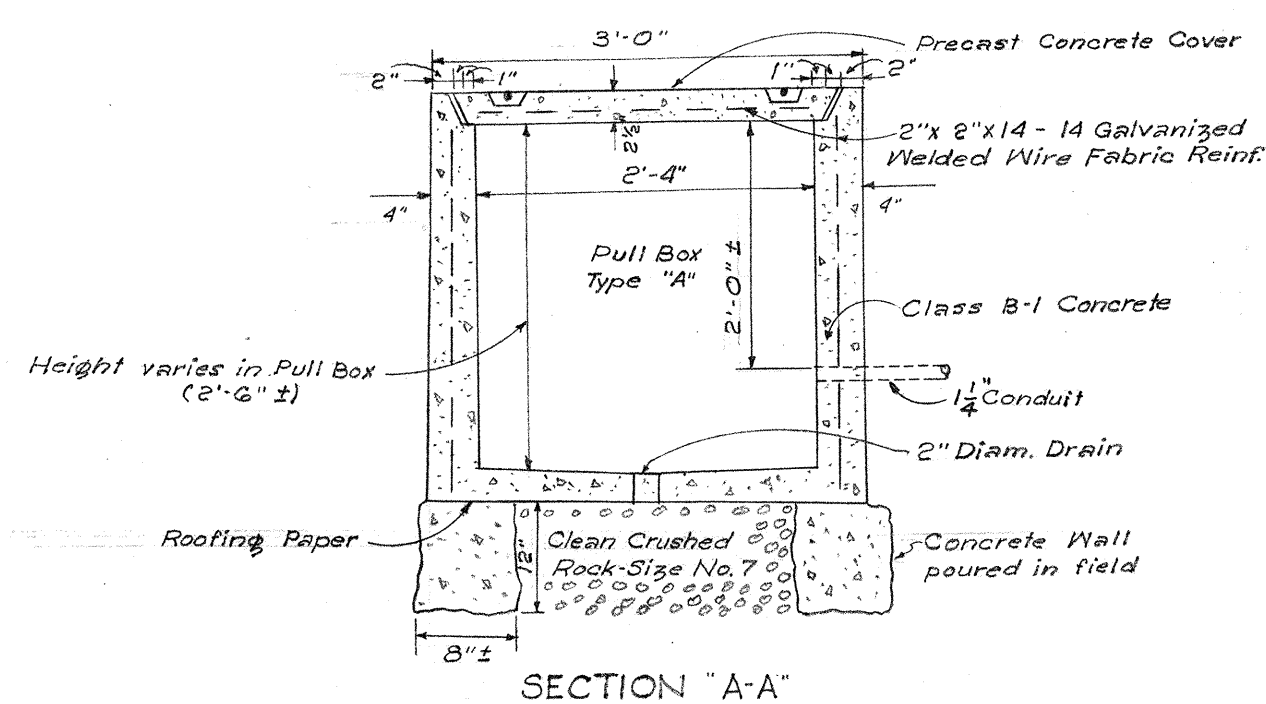
PLAN OF STAIRWAY
Scale: 3/16" = 1'-0"



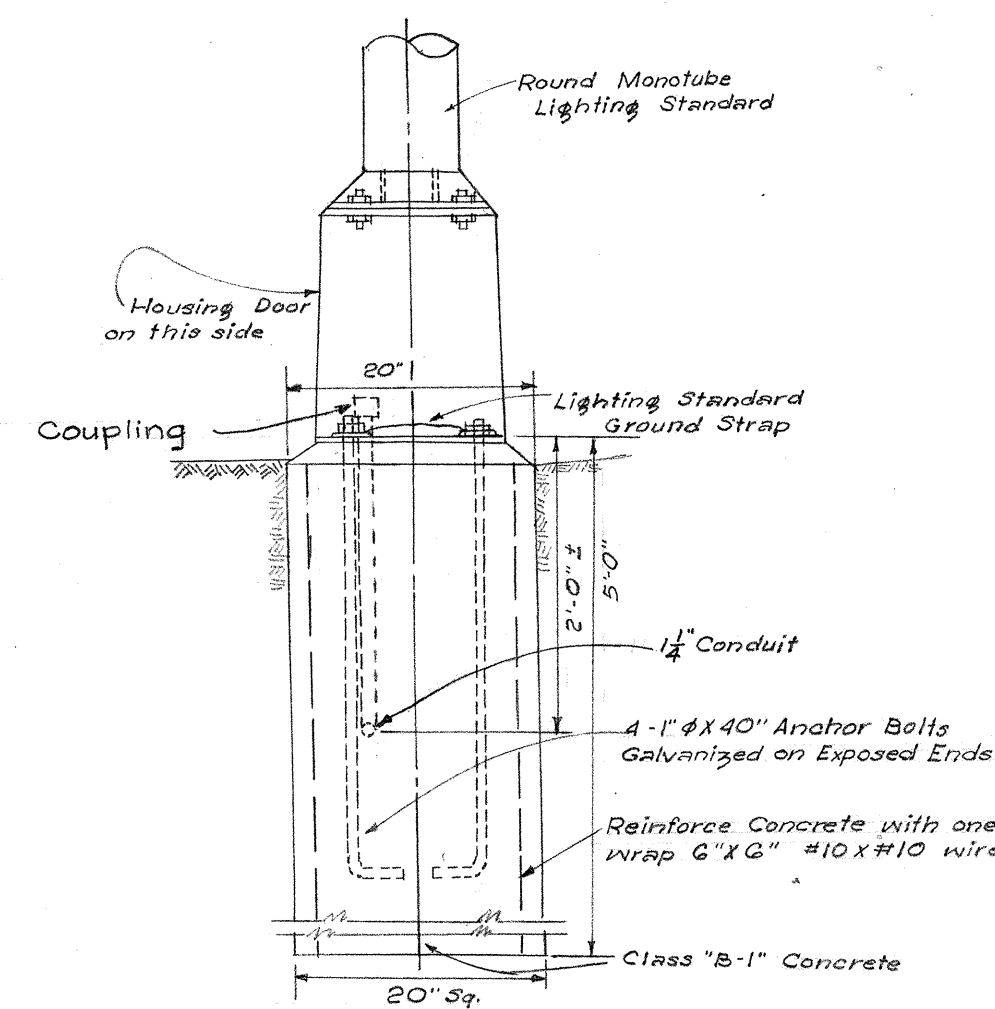
PLAN



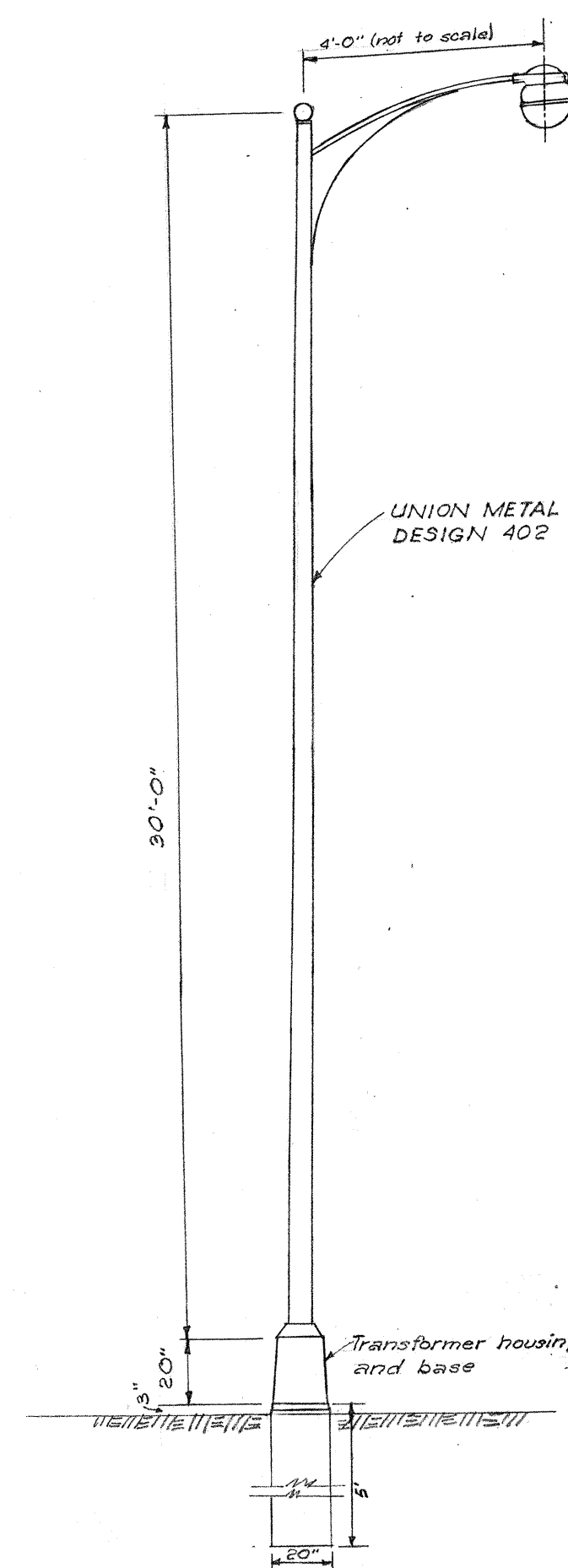
PLAN OF BASE



DETAIL OF TYPE "A" PULL BOX
Scale: 3/4" = 1'-0"



ELEVATION SHOWING MONOTUBE LIGHTING
STANDARD ON CONCRETE BASE IN GROUND
Scale: 3/4" = 1'-0"



SINGLE ARM
LIGHTING STANDARD
Scale: 1/4" = 1'-0"

BILL OF MATERIALS	
NO. REQD	DESCRIPTION
1	MERCURY VAPOR LAMP, Type C-H5, 11250 lumens, 250 watt, having a rated life of 4000 hours at 5 hours per start.
1	ISOLATING TRANSFORMER for type C-H5 Mercury Vapor Lamp, 6.6 amp. primary, Westinghouse Style No. 1121 083, General Electric Cat. No. 3279922.
1	LUMINAIRE, side mounted hood with 1-1/4" slipfitter, mogul multiple socket with inner wiring for burning C-H5 Mercury Vapor Lamp in a vertical position, reflector and reflector assembly of IES light distribution Type V, all exposed metal parts to be natural finish aluminum. Westinghouse Cat. No. 1565503, General Electric Cat. No. A17G10.
1	LAMP POST, nominal height of 30' with pressed steel transformer base, 4-1" x 40" galvanized anchor bolts, shaft fabricated from one piece of hot rolled #11 gauge best grade open hearth steel with 4'-0" upsweep bracket terminated for 1-1/4" slipfitter luminaires to be supplied from the manufacturer with rust-proofing, such as red lead inside and shop coat of paint outside. Union Metal Mfg. Co. Design No. 402 Cat. No. H300-A1.
1	12 Ga. Galv. Iron, 12" x 18" x 10" ISOLATING TRANSFORMER CAN, shall be water-tight.
1	TYPE "A" PULLBOX.
Approx. 210	Lin Ft of 2 Conductor, # 8 AWG STRANDED COPPER CABLE, rubber or synthetic sheath with an insulation rating between conductors of 600 volts and through the jacket of 5KV. Simplex Anhydrex.
Approx. 160	Lin. Ft. 1 1/2" ELECTRIC CONDUIT, shall be hot dipped galvanized pipe.
1	BASE for Monotube Lighting Standard.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
LIGHTING OF
PEDESTRIAN OVERCROSSING
Maui Arterial 459 (B)
February 1955

SHEET No. 1 OF 1 SHEETS

5743.10