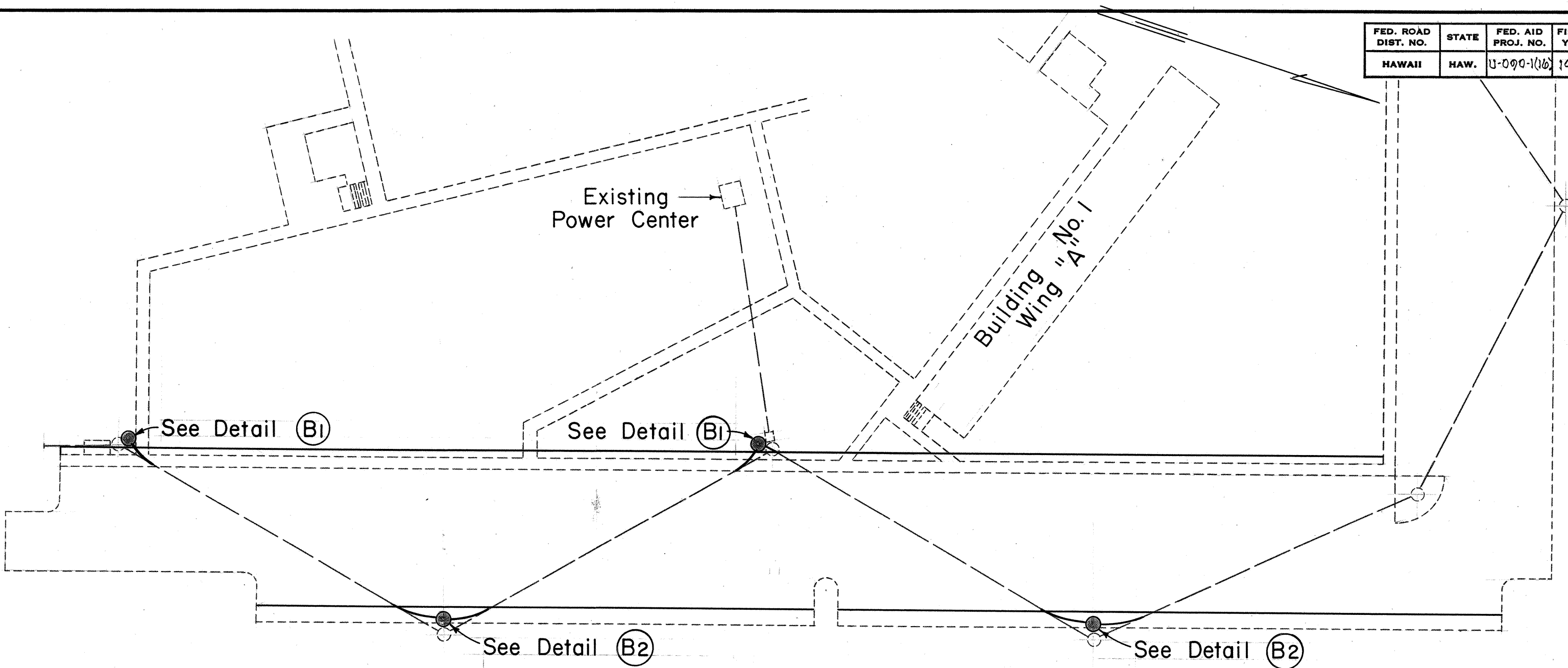
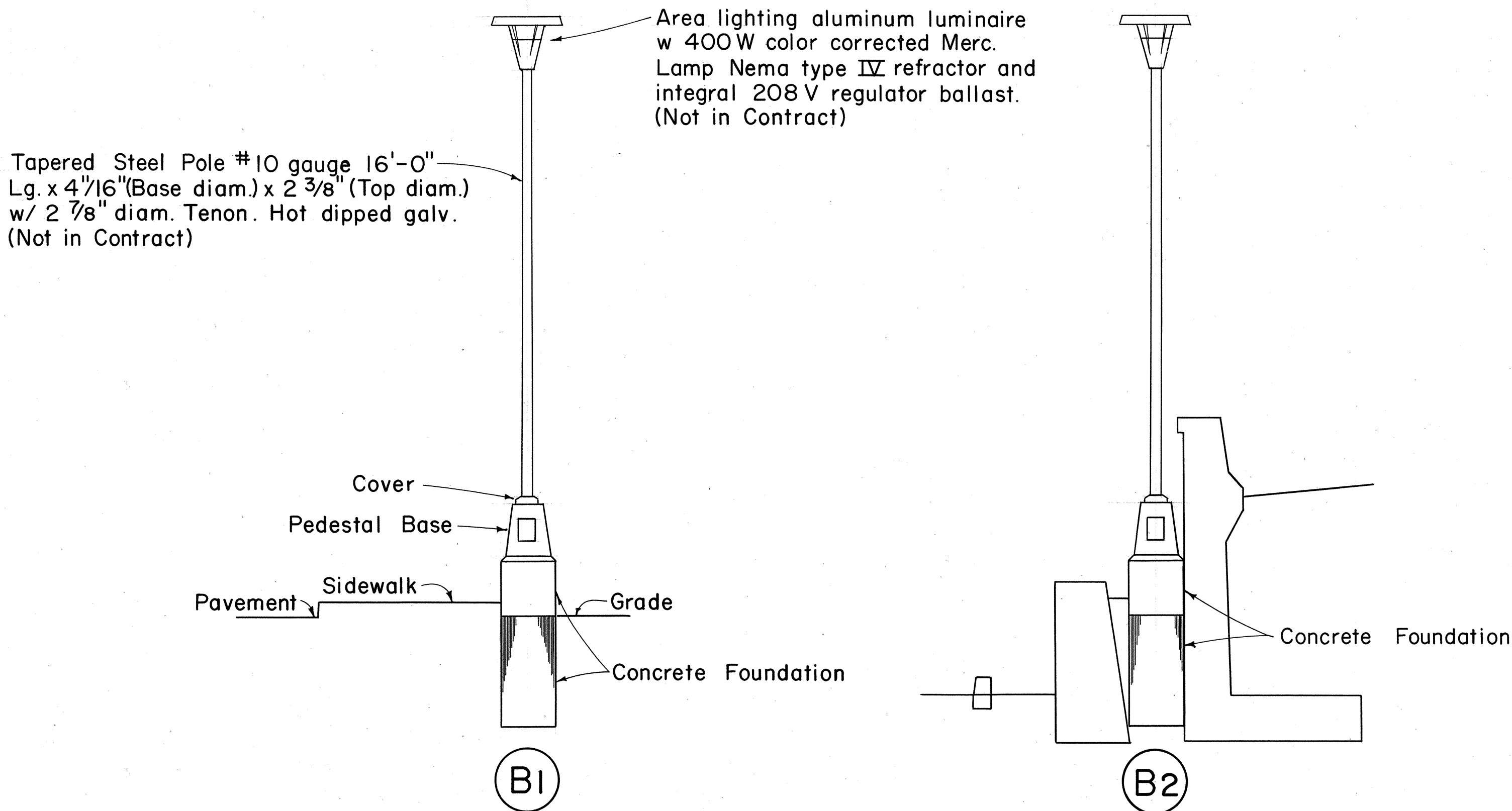


GENERAL NOTES

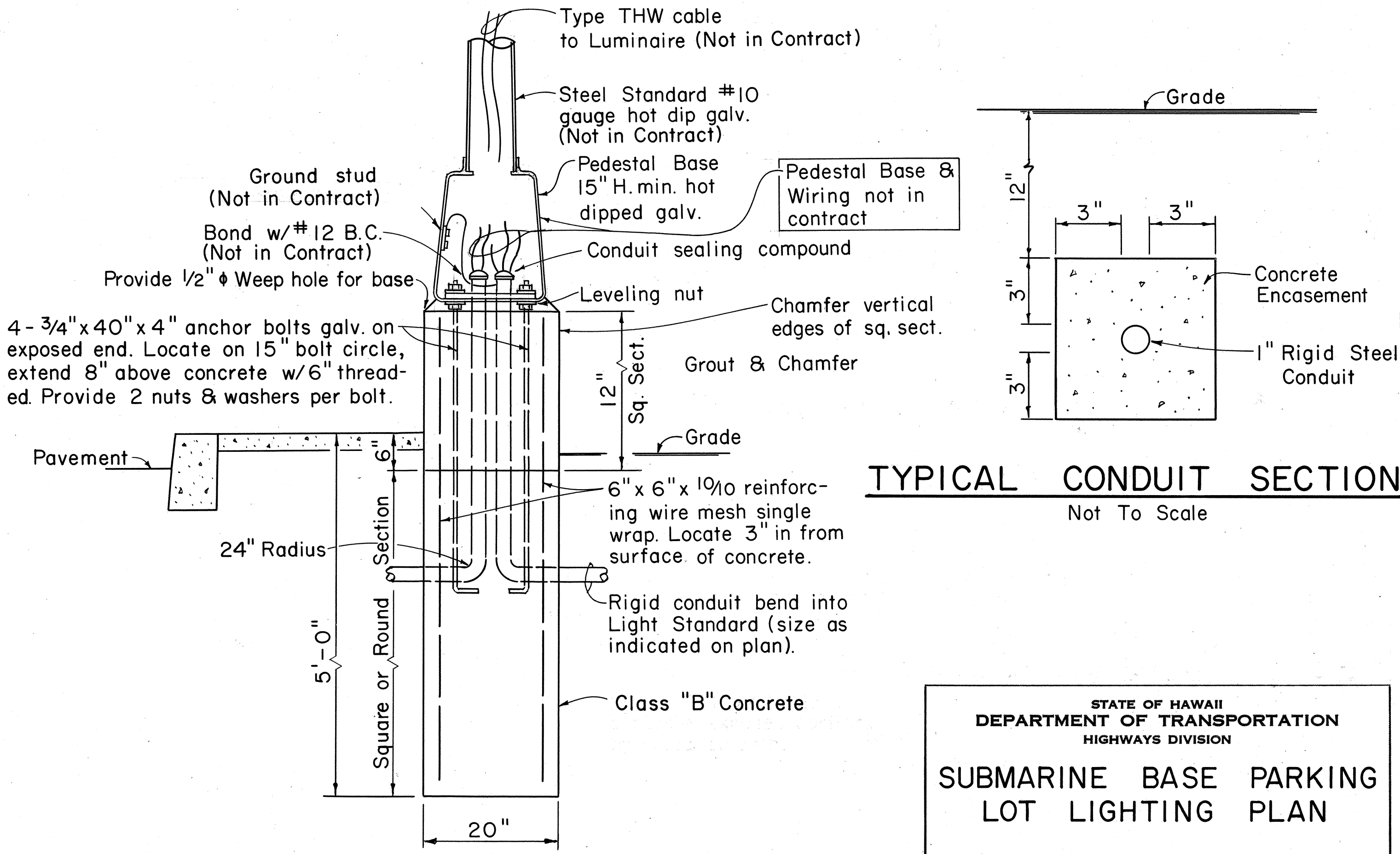
- 1. The relocation of the parking area lighting system shall conform to the requirements of Section 622 of the State Stand. Spec. for Road and Bridge Construction (1969).
- 2. Contractor shall demolish and remove existing concrete foundations and shall construct new concrete foundations to the location shown on the plans and as directed by the Engineer.
- 3. Installation of pedestal bases, poles, luminaires and wirings not included in the contract.



PLAN
Scale: 1" = 40'-0"



LIGHTING STANDARD ELEVATIONS
Not To Scale



POLE AND FOUNDATION DETAIL
Not To Scale

TYPICAL CONDUIT SECTION
Not To Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUBMARINE BASE PARKING
LOT LIGHTING PLAN

PROJ. No. U-090-1(16)

Scale: As Shown Date: July, 1969

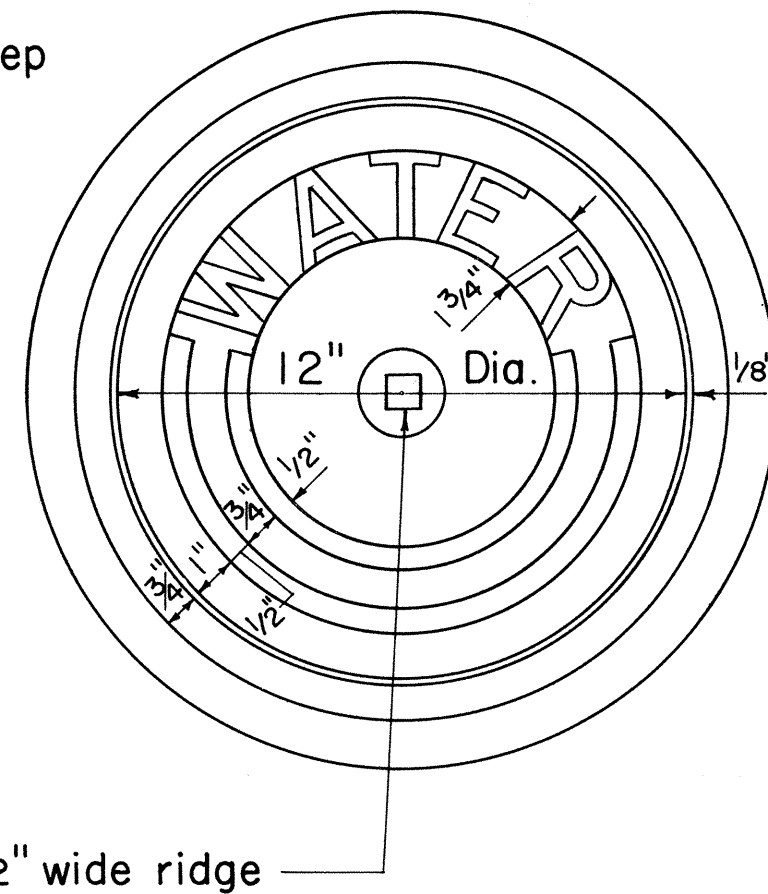
SHEET No. 2 OF 3 SHEETS

Offset word "WATER" 1 3/4" high, 1/8" deep

NOTE:

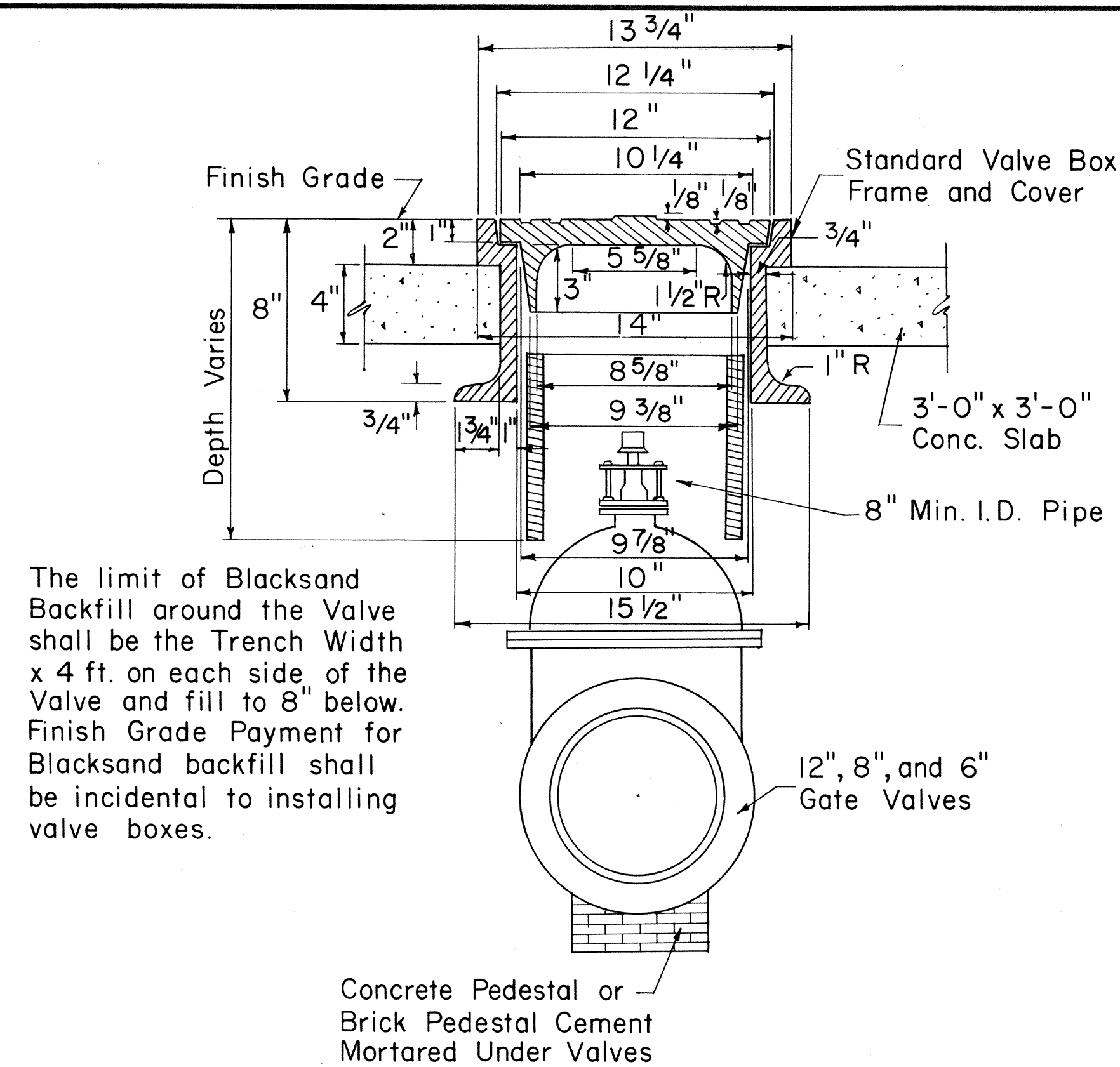
All castings shall be made accurately to the dimensions shown. Seat and Cover shall be ground where necessary to secure flat and true surfaces. The Cover shall not rattle in any position.

Minor changes in dimensions may be made to suit foundry conditions provided such changes are approved by the Board of Water Supply.

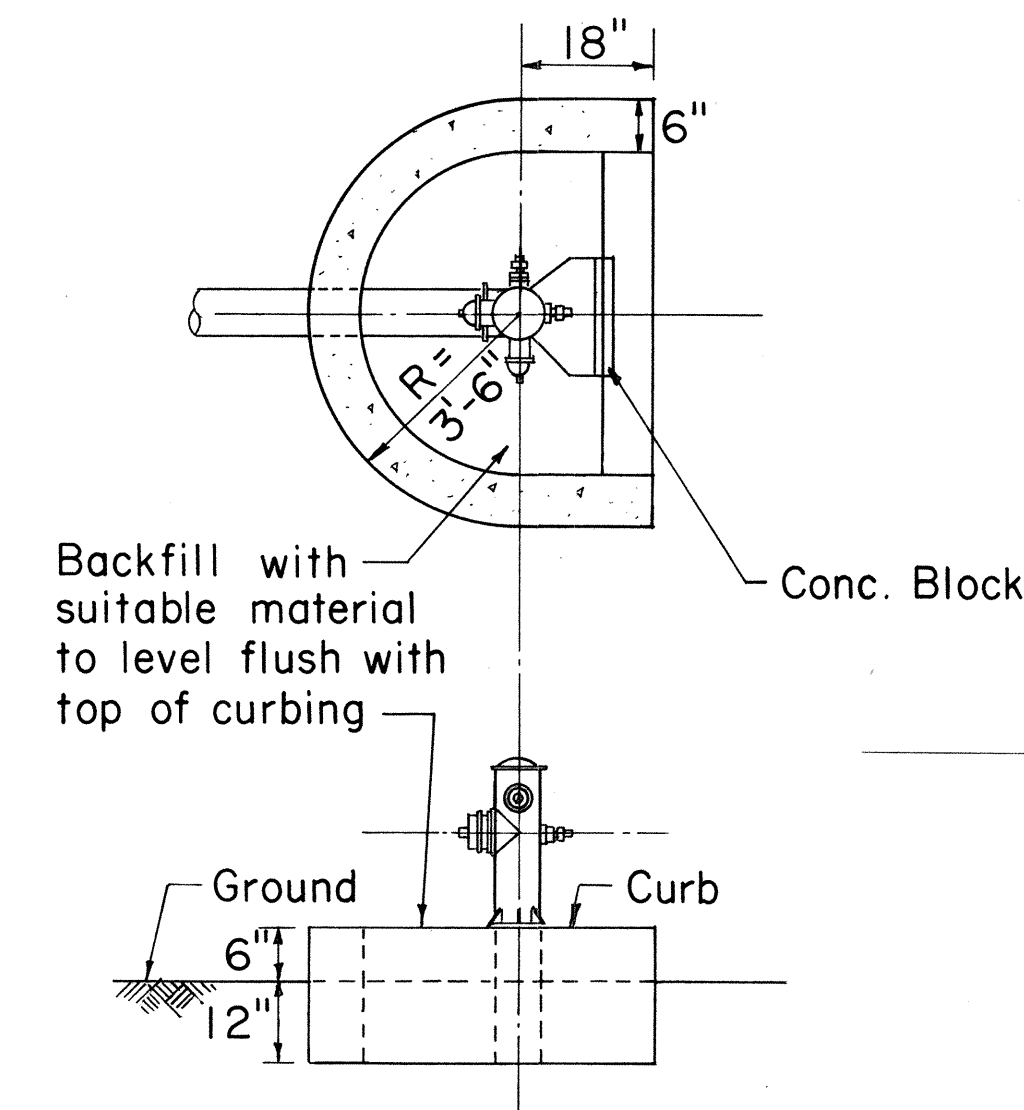


3/4" Sq. Hole with 1/2" wide ridge

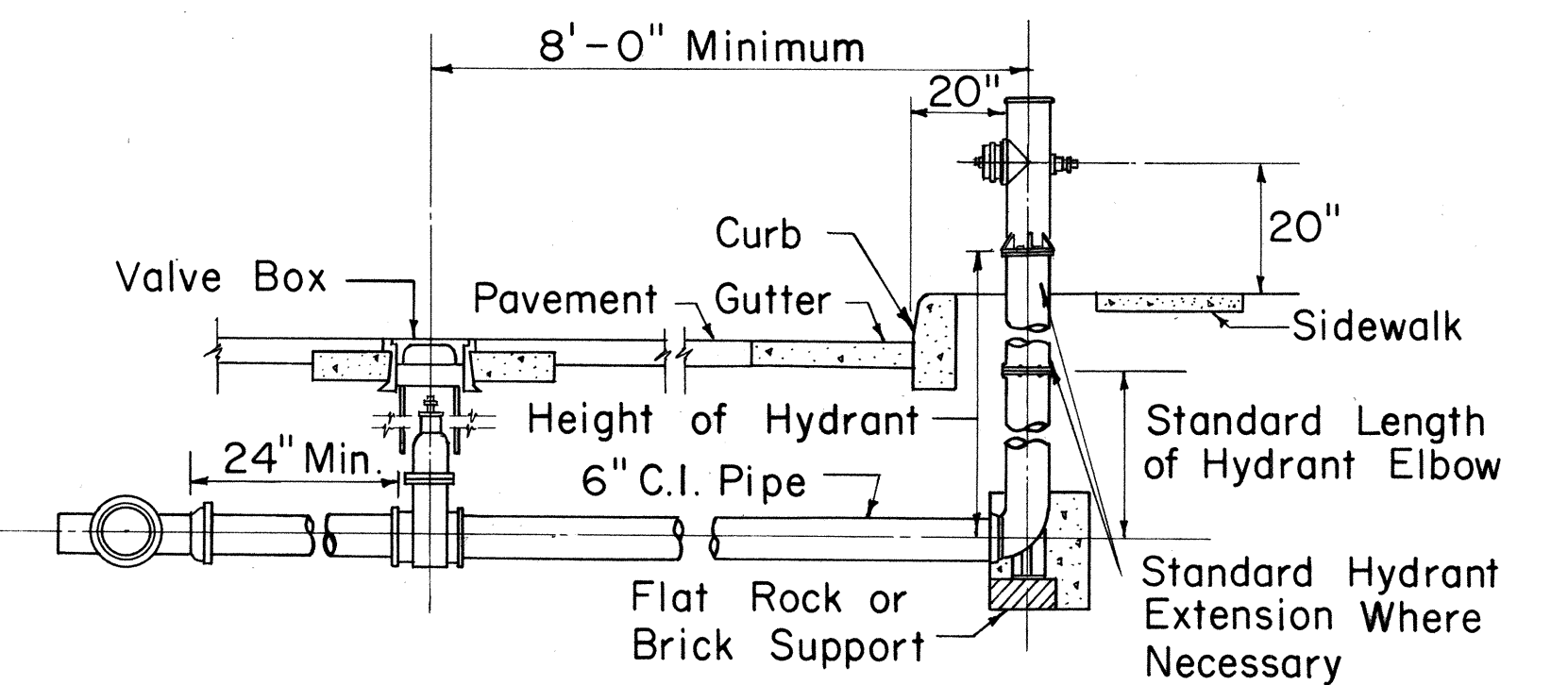
CAST IRON FRAME AND COVER



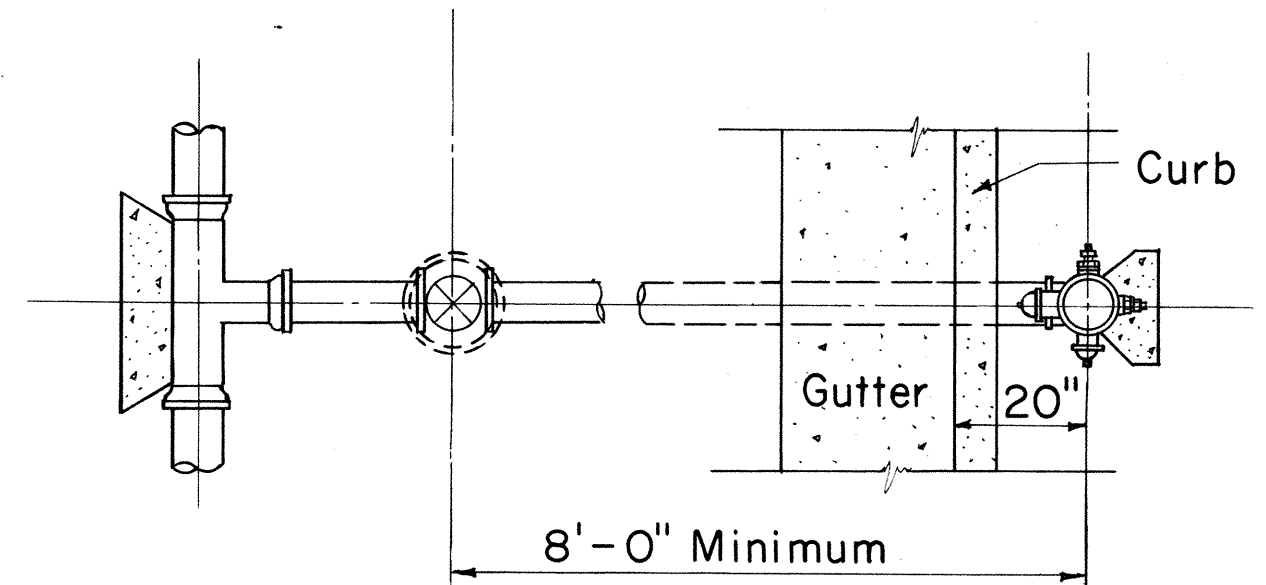
INSTALLATION OF VALVE BOX FOR GATE VALVES



DETAIL OF CURBING AT HYDRANT WHERE REQUIRED



LAYOUT NO. 1



LAYOUT NO. 2

NOTE:

Gaskets for flanged joints shall be 1/16 inch duck-inserted rubber packing Garlock No. 19. Bolts shall be 5/8" diameter x 2 3/4" long steel machine bolts with cut threads, American Standard heavy hexagon heads, galvanized. Nuts shall be American Standard heavy cold punched hexagon nuts, galvanized.

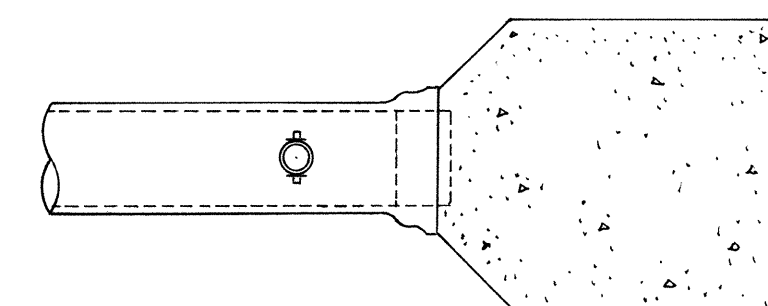
STANDARD LENGTHS FOR HYDRANT ELBOWS
30"
36"
42"
48"

Standard Hydrant Extensions are available in the following Lengths:
6 to 30 inches long in increments of 6 inches

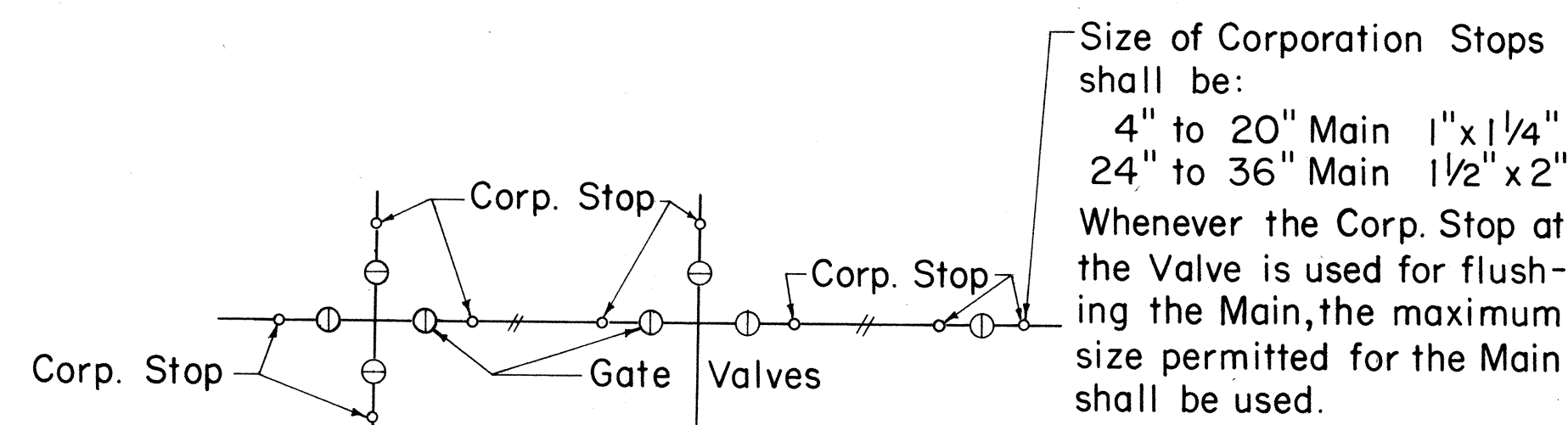
STANDARD FIRE HYDRANT LAYOUT

NOTE:

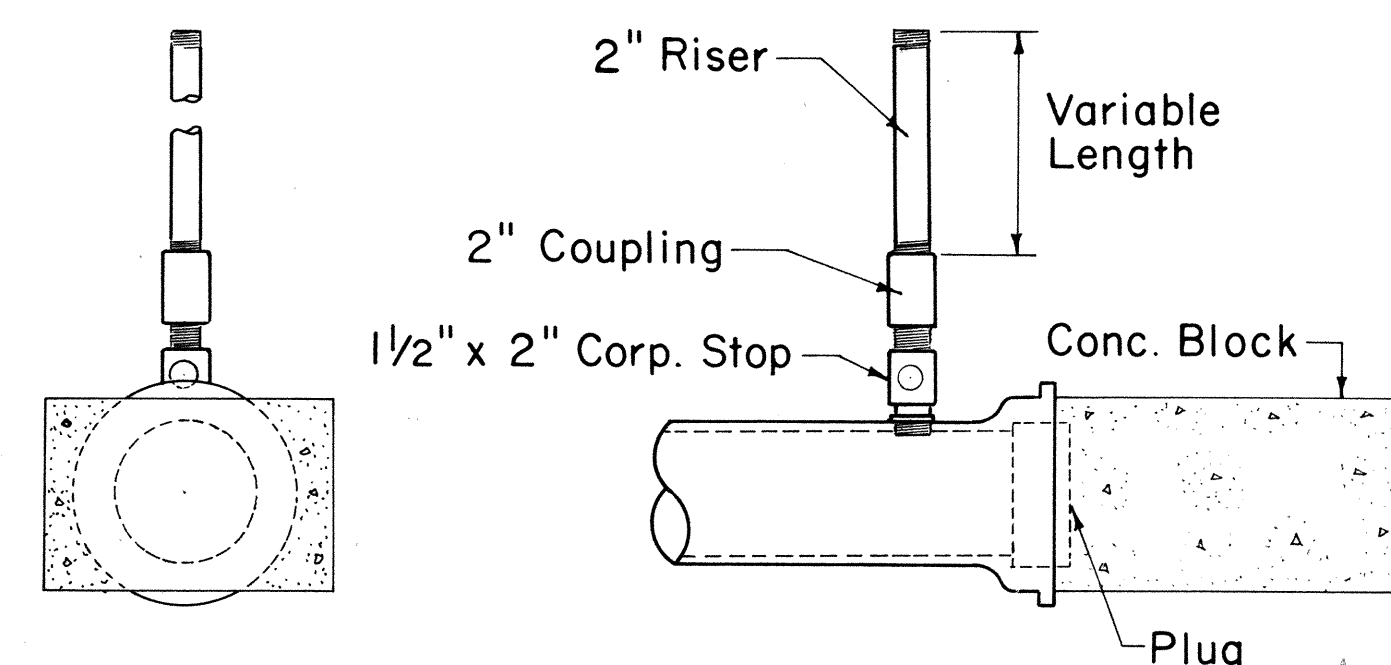
Contractor to furnish 1 1/2" brass plug (Tapered thread) to replace corporation stop upon completion of chlorination.



TOP VIEW



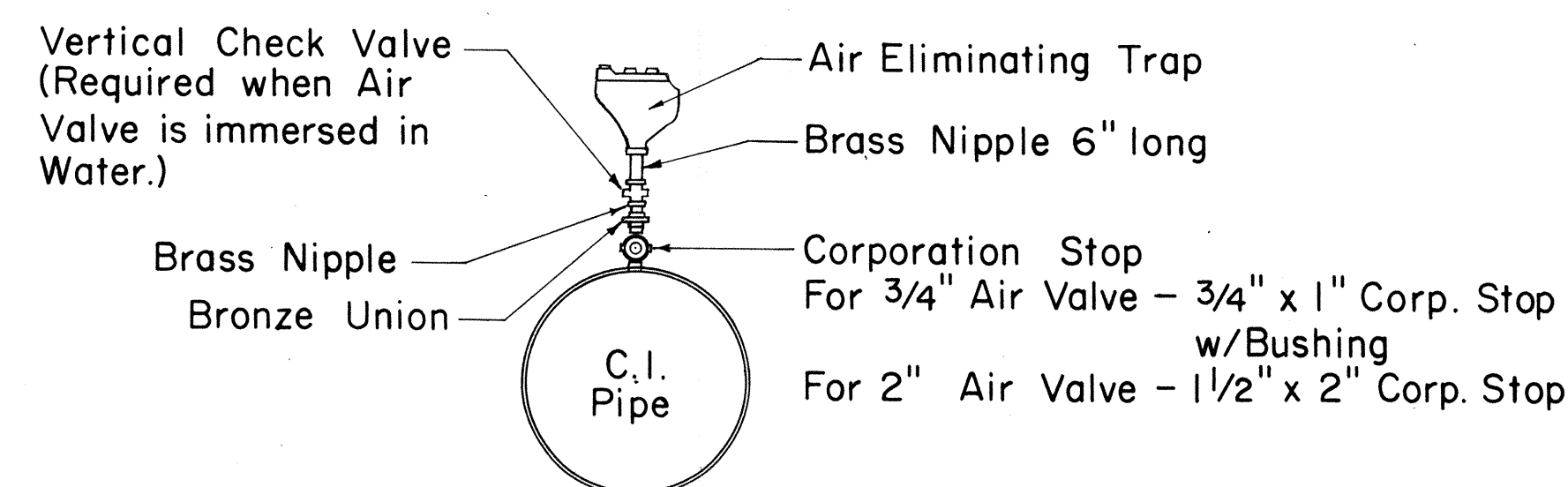
CORP. STOP LAYOUT



END VIEW

SIDE VIEW

DETAIL OF TEMPORARY 2" CLEANOUT



DETAIL OF CONNECTION FOR AIR ELIMINATING TRAP

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WATER DETAILS

F.A.P. PROJ. No. U-090-I (16)

Not to Scale

SHEET No. 3 OF 3 SHEETS