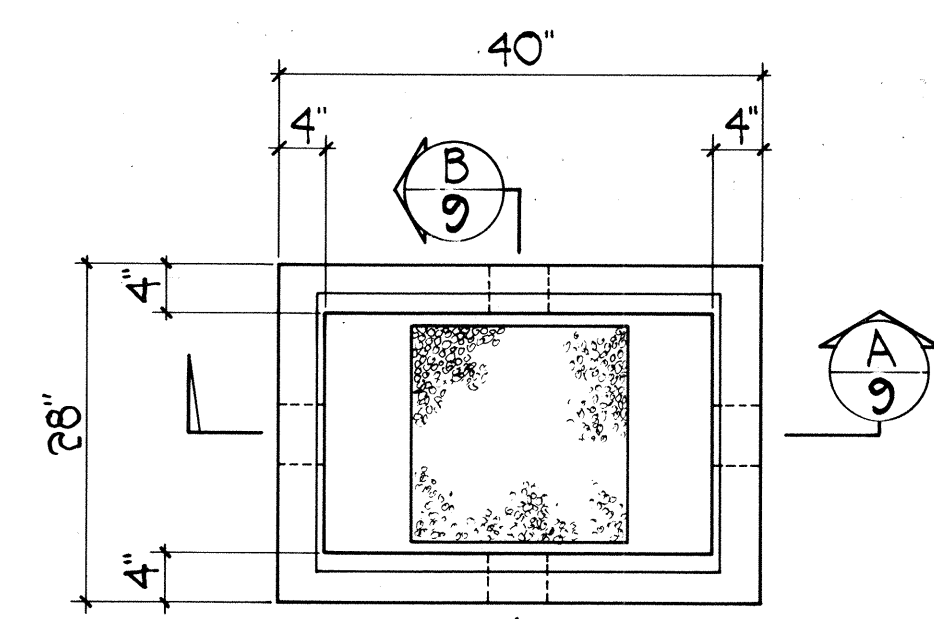
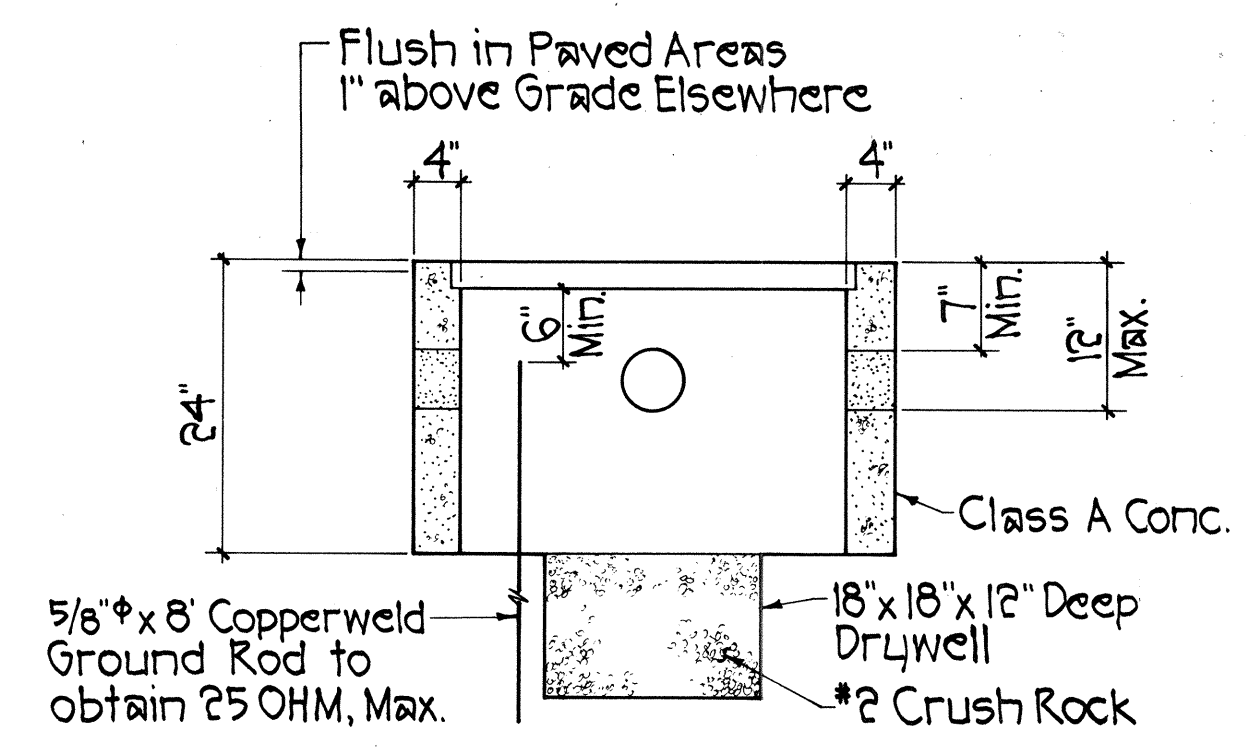


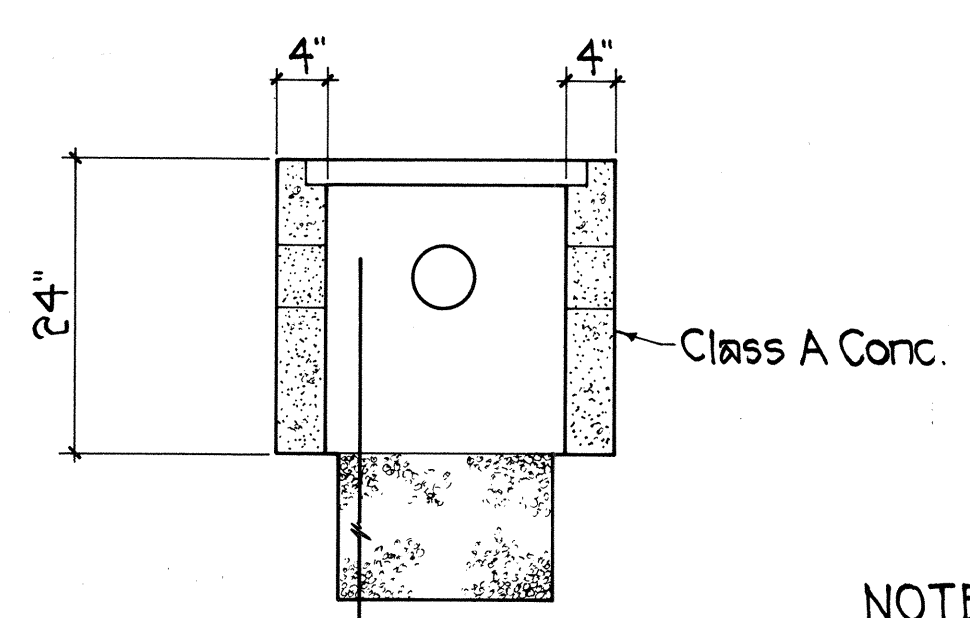
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-1(22)	1998	9	17



PLAN OF PULLBOX

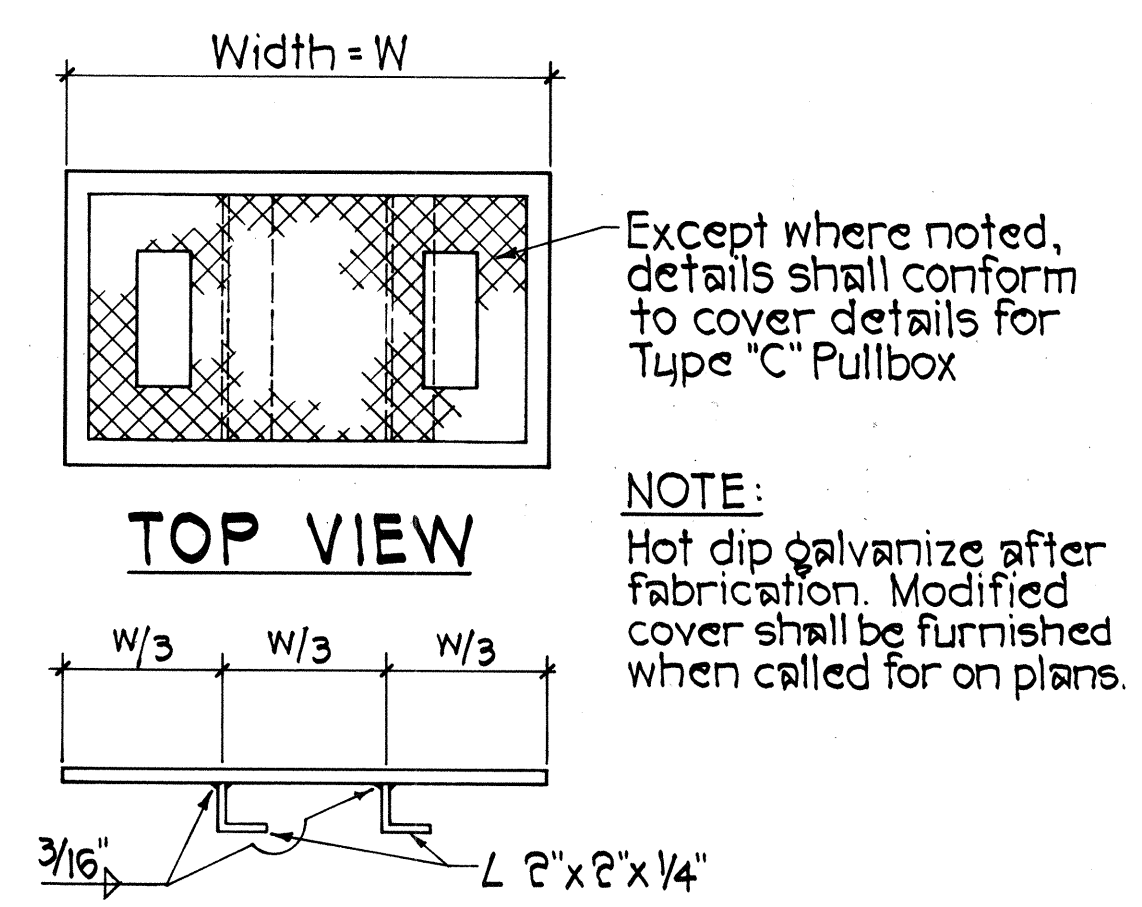


SECTION A-A



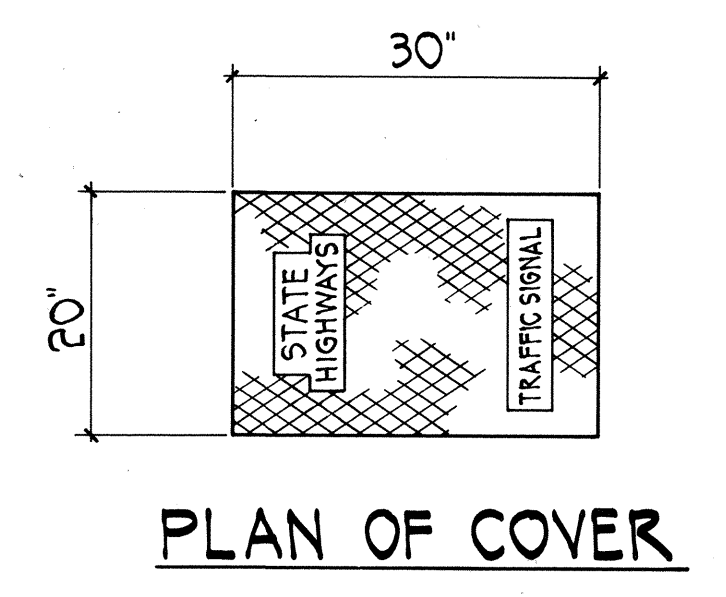
SECTION B-B

TYPE "C" PULLBOX
Not To Scale

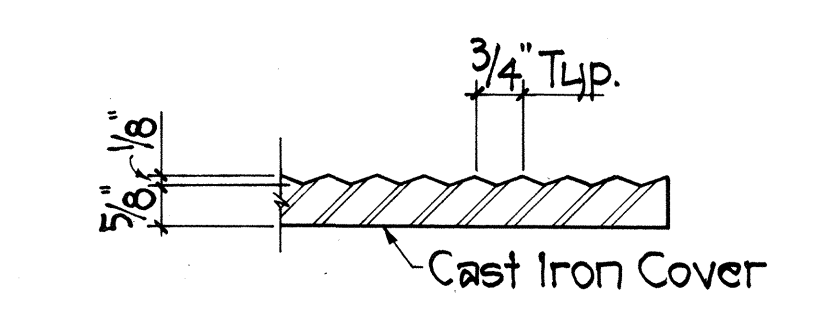


SIDE VIEW

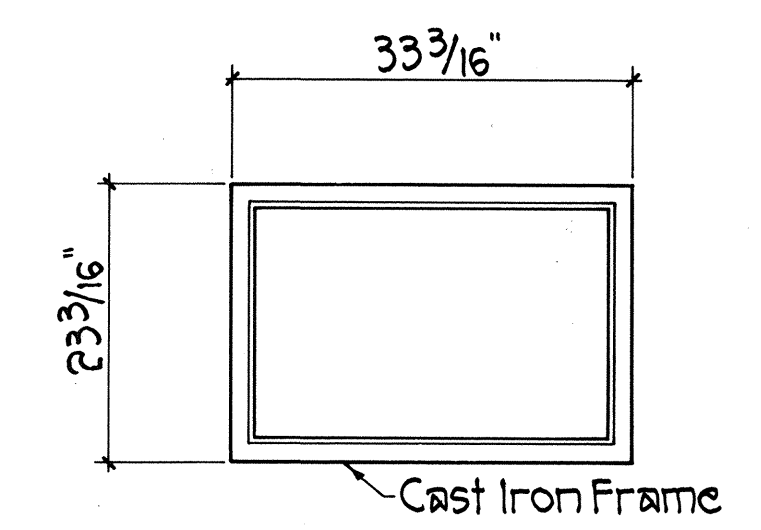
MODIFIED COVER DETAIL
Not To Scale



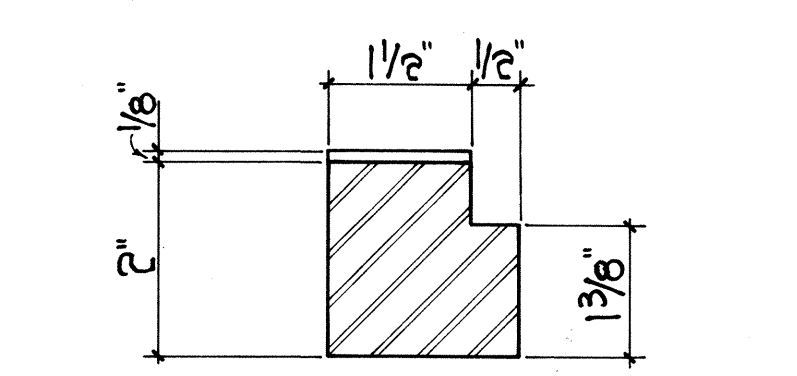
PLAN OF COVER



SECTION THROUGH COVER

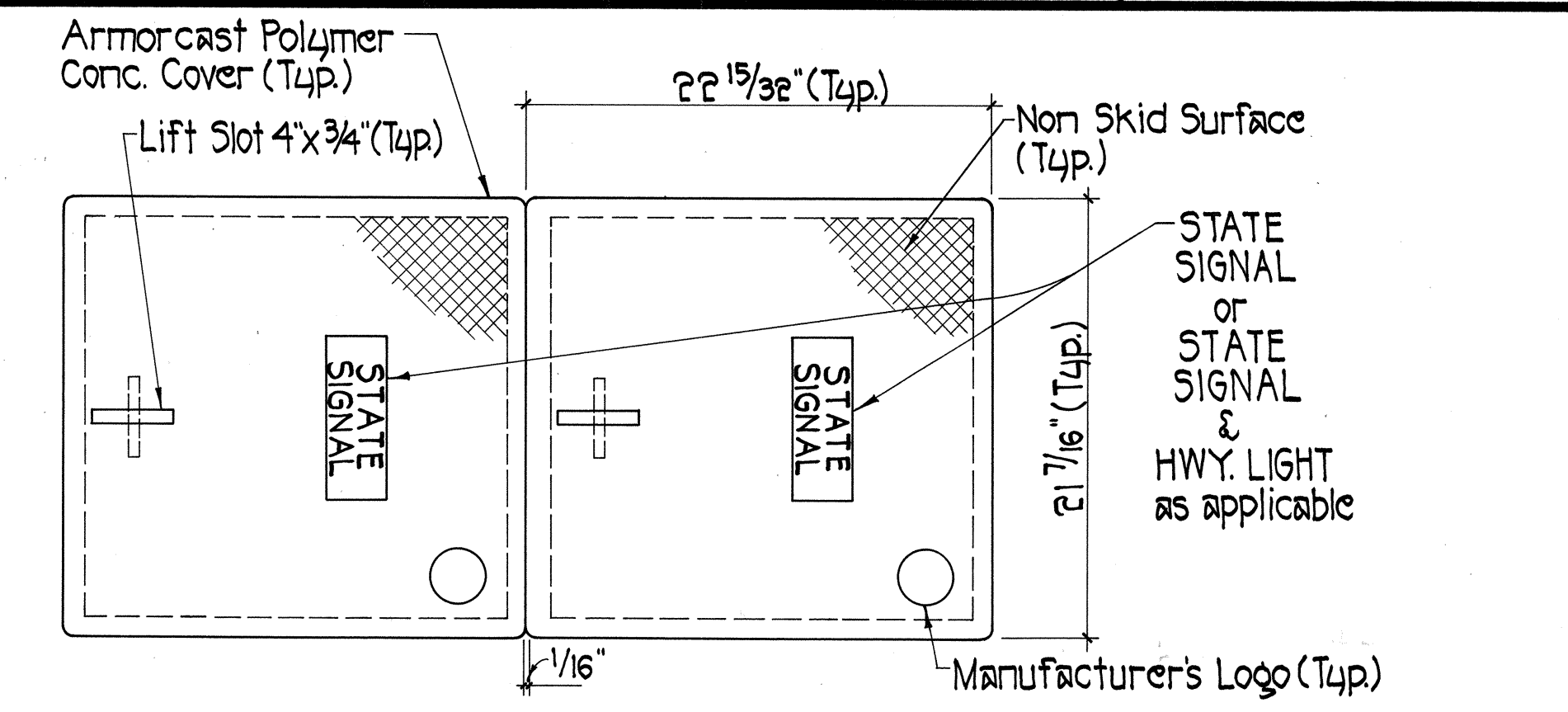


PLAN OF FRAME

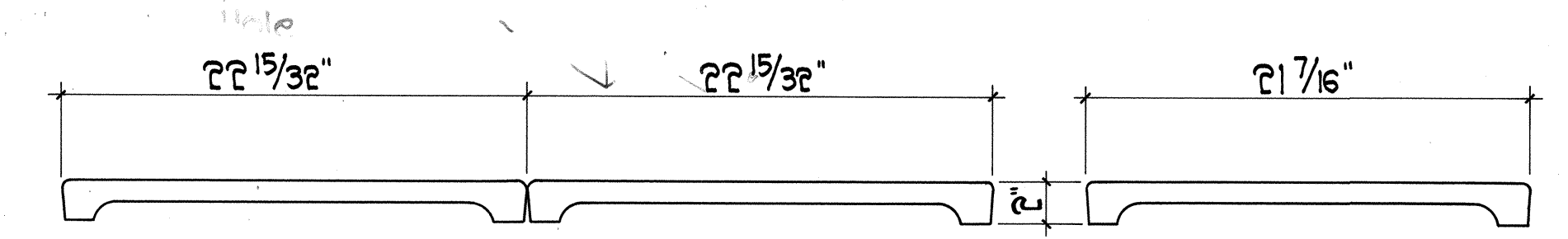


SECTION THROUGH FRAME

NOTE: Provide Ground Rod in all Pullboxes adjacent to Standards, Pedestals, Controllers, and other locations specified by the Engineer.

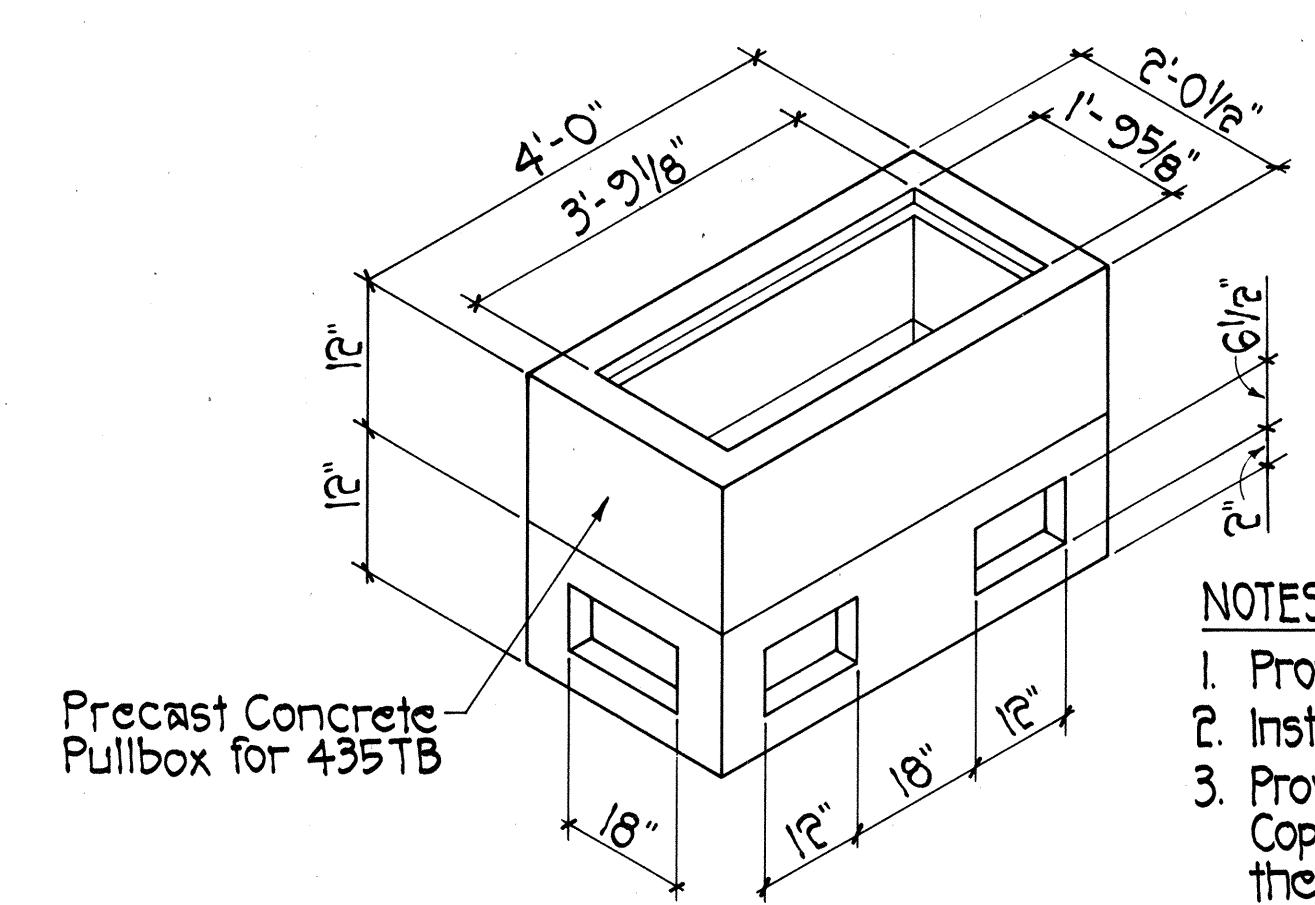


PLAN



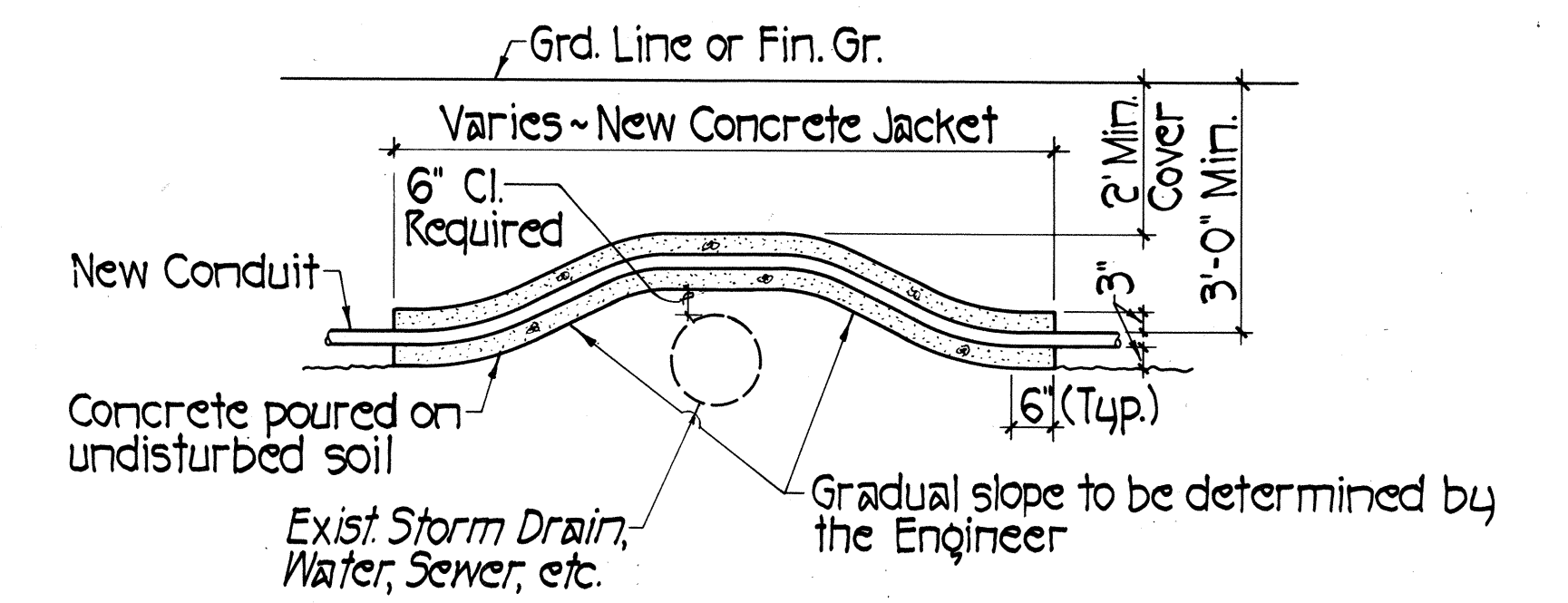
ELEVATION

SIDE VIEW

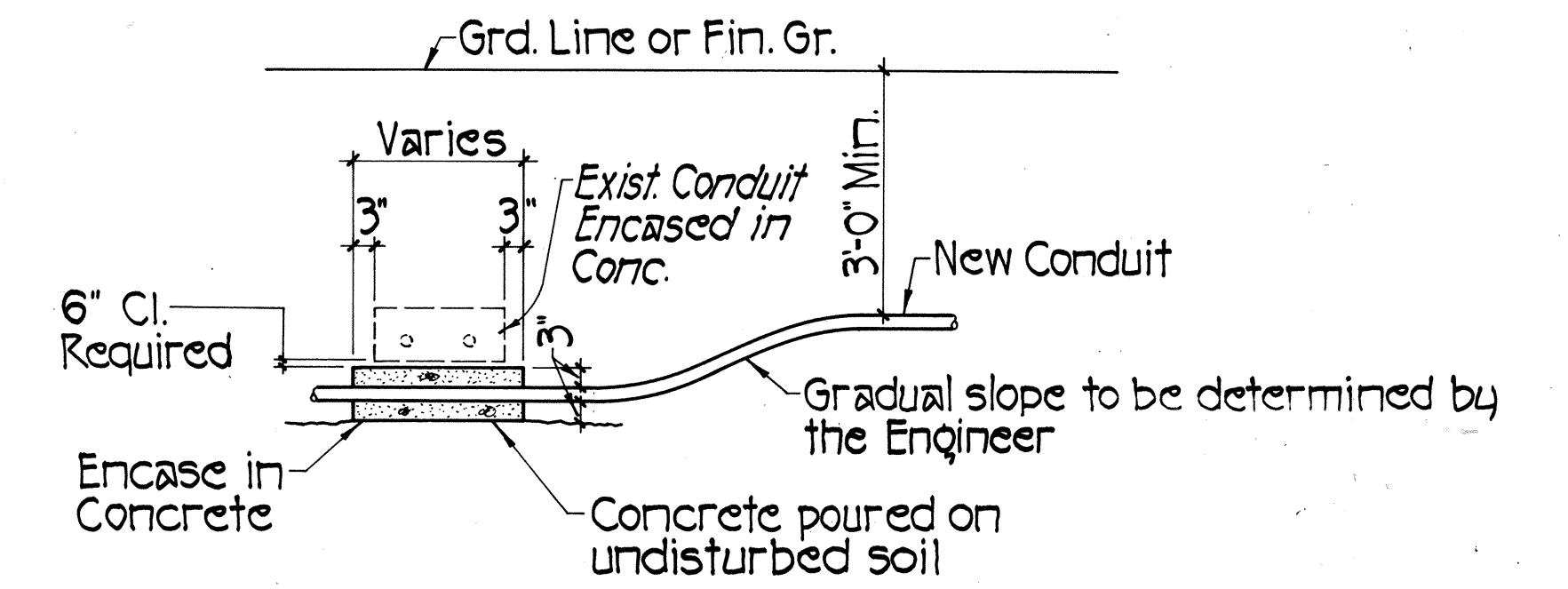


TYPE "D" PULLBOX & COVER
Not To Scale

- NOTES:
1. Provide Armorcast Polymer Concrete Cover.
 2. Install on 6" bed of #3 Crushed Rock.
 3. Provide sufficient amount of 5/8" x 8" Copperweld Ground Rods as directed by the Traffic Signal Inspector/Engineer. Cost shall be incidental to the various Traffic Signal Items.



TYPICAL CONDUIT BY-PASS DETAIL
ABOVE EXISTING UTILITIES
Not to Scale



TYPICAL CONDUIT BY-PASS DETAIL
BELOW EXISTING UTILITIES
Not to Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

HAROLD I. YOSHIZAKI
LICENSED PROFESSIONAL ENGINEER
No. 2091-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Harold I. Yoshizaki
SHIMAMURU, ENDO & YOSHIZAKI, INC.
1126 12th Avenue
Honolulu, Hawaii 96816

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS

QUEEN KAAHUMANU HIGHWAY
TRAFFIC SIGNALS @ KAIMINANI DRIVE
FEDERAL AID PROJECT NO. STP-019-1(22)

SCALE: AS SHOWN DATE: May 1997

SHEET NO. 1 OF 1 SHEETS