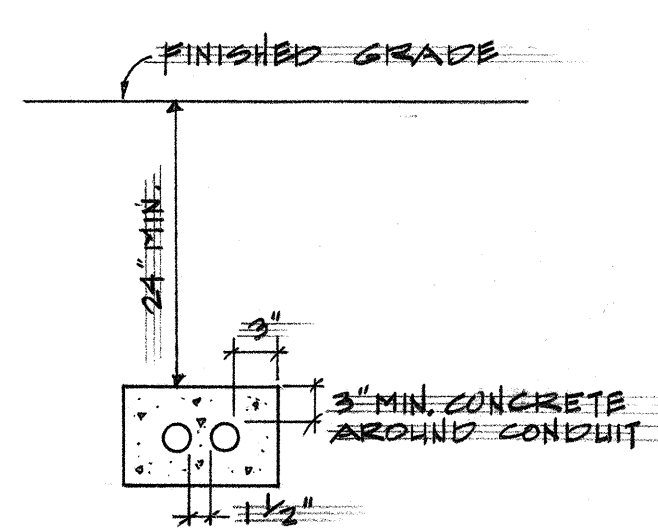


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(66)110 I-H-1(67)110	1970	45	97

CONDUIT AND CABLE REQUIREMENTS

SECTION	CONDUIT	CABLE
A	1 1/2"	2 #2 EXCEPT AS NOTED
D	1-2"	SPARE



CONDUIT INSTALLATION AT ROAD CROSSING

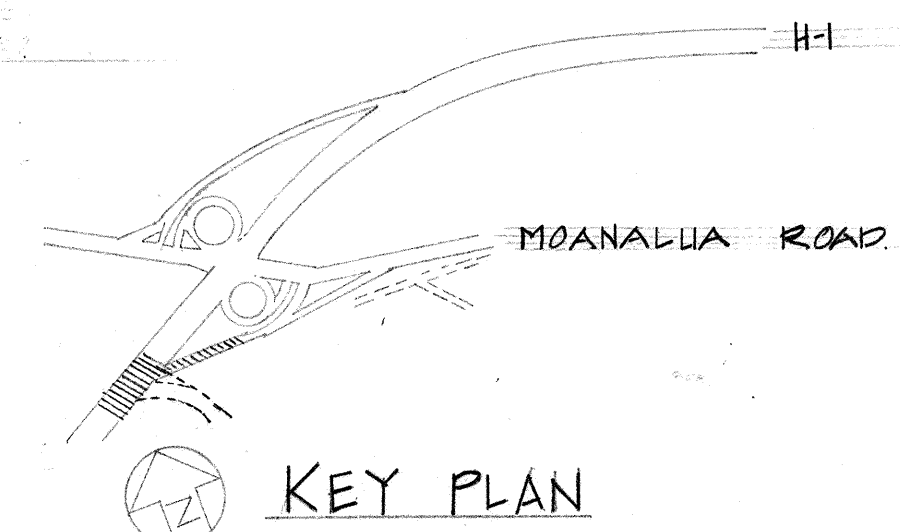
ELECTRICAL SYMBOLS

	LIGHT STANDARD, 400W. MERCURY LAMP.
	LIGHT STANDARD, 250W. MERCURY LAMP.
	EXIST. LIGHT STANDARD
	NUMERAL INDICATES CIRCUIT NO.
	PULL BOX, TYPE "C"
	PULL BOX, EXISTING.
	CONDUIT CONCEALED IN CONC. W/EXPANSION FITTING AT STRUCTURE EXPANSION JOINT.
	CONDUIT BELOW GRADE, 18" MIN. EXCEPT AS NOTED
	CONDUIT STUB
	EXISTING CIRCUIT
	GUARD RAIL (BY OTHERS)
	FIRST NUMERAL INDICATES OFFSET DISTANCE FROM EDGE OF SHOULDER TO NEAREST EDGE OF STANDARD CONC. BASE. SECOND NUMERAL INDICATES LENGTH OF BRACKET. ROMAN NUMERAL - IES TYPE LIGHT DISTRIBUTION. X FOURTH NUMERAL CONCRETE FOOTING DEPTH.
	MEDIUM SEMI-CUTOFF TYPE III DISTRIBUTION.
	MEDIUM SEMI-CUTOFF TYPE II DISTRIBUTION.

NOTES:

- FOR P.V.C. OPTION PROVIDE EXPANSION COUPLING IN EACH CONDUIT RUN BETWEEN LIGHT STANDARDS & LIGHT STANDARD & PULL BOX. OMIT EXPANSION COUPLING FOR RUN LESS THAN 5' BETWEEN PULL BOX & LIGHT STANDARD. EXPANSION COUPLING TO BE CENTERED IN THE CONDUIT RUN. CONDUIT JOINT SHALL BE MADE WATER TIGHT BY APPLICATION OF CHEMICAL SOLVENT PER CONDUIT MANUFACTURER'S RECOMMENDATION.
- CONDUITS ACROSS ROADWAY SHALL BE STRAIGHT. INSCRIBE A "X" ON TOP OF PULL BOX TO INDICATE CENTER LINE OF CONDUIT RUN.
- PLUG ALL ENDS OF CONDUIT STUBS

NOTE:
RELOCATE 4 LUMINAIRES, BRACKETS & WOOD POLES ON KAMEHAMEHA HIGHWAY. FOR DETAILS SEE SHT. 60



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Wynn M. Nakamura

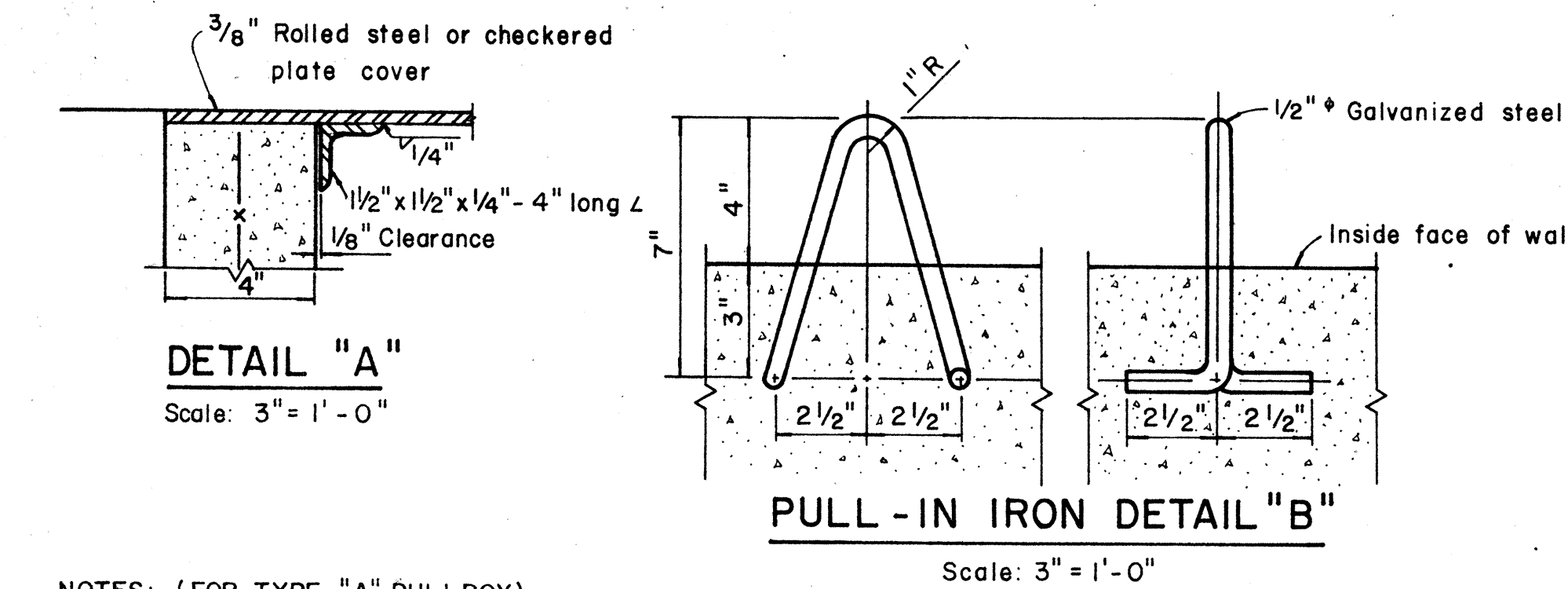
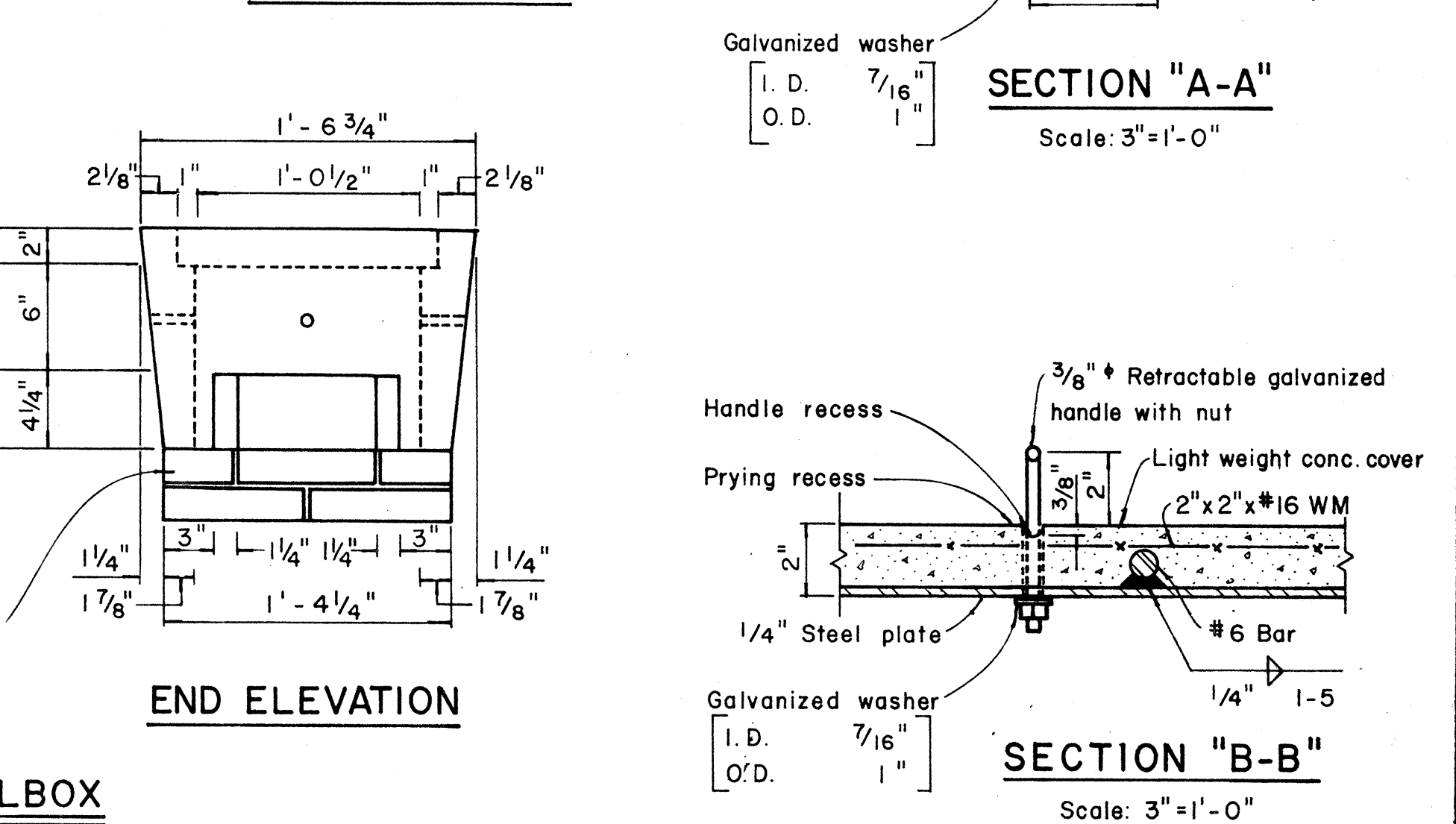
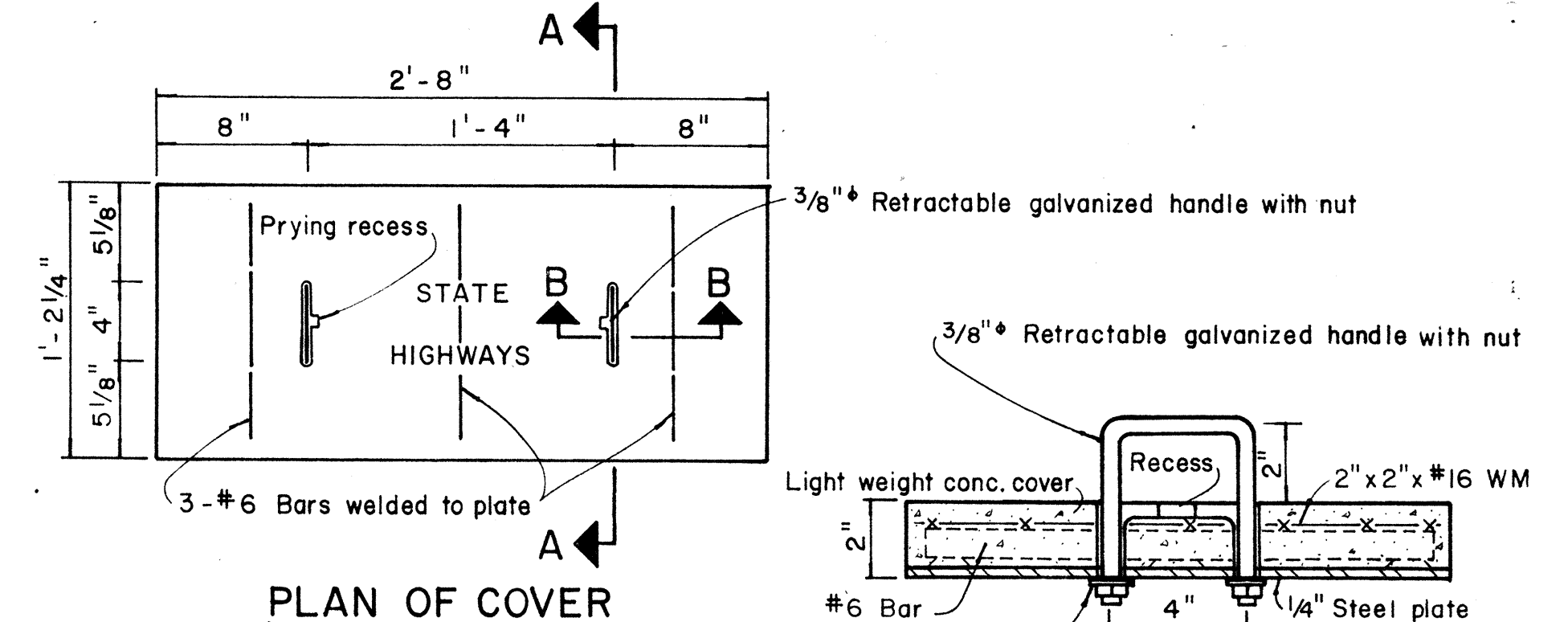
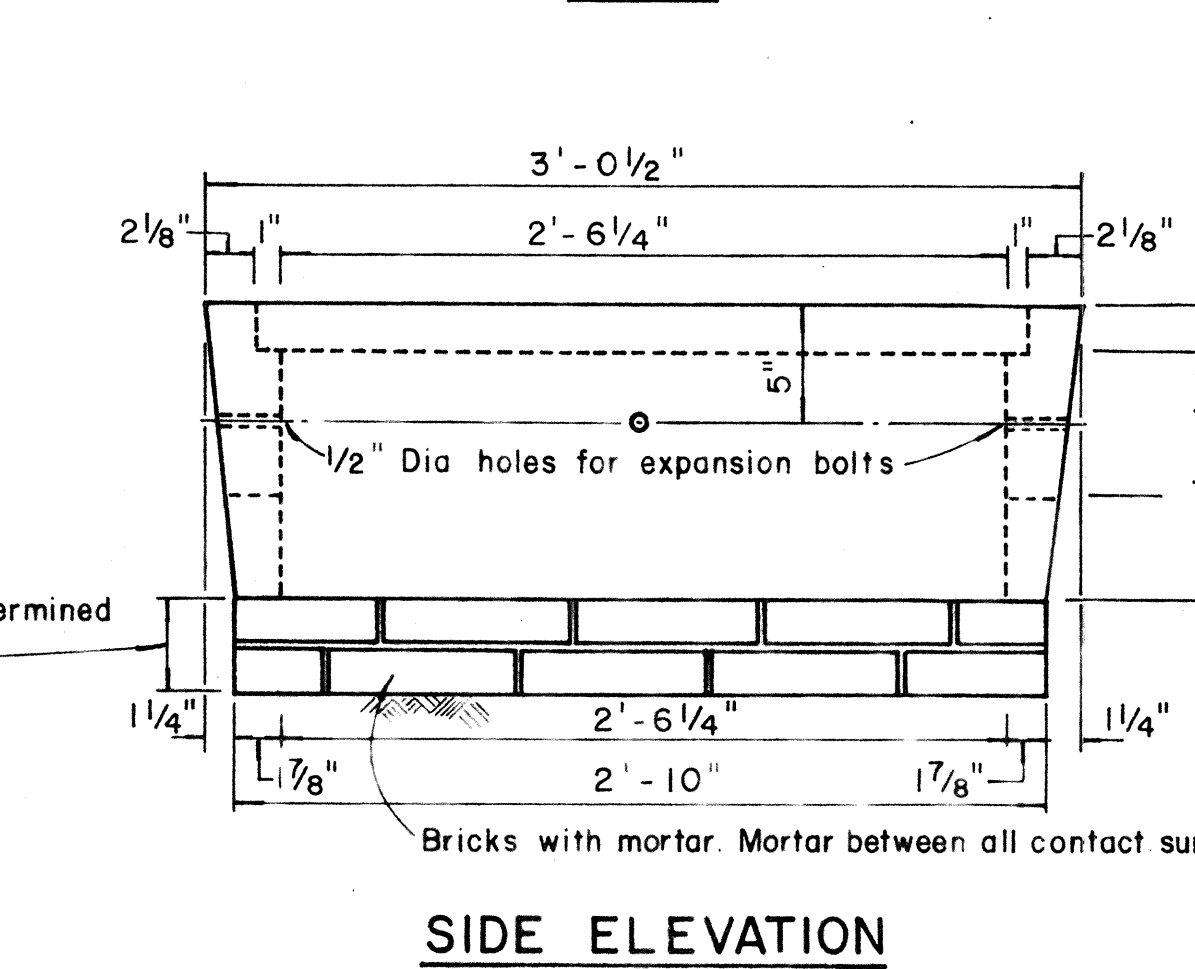
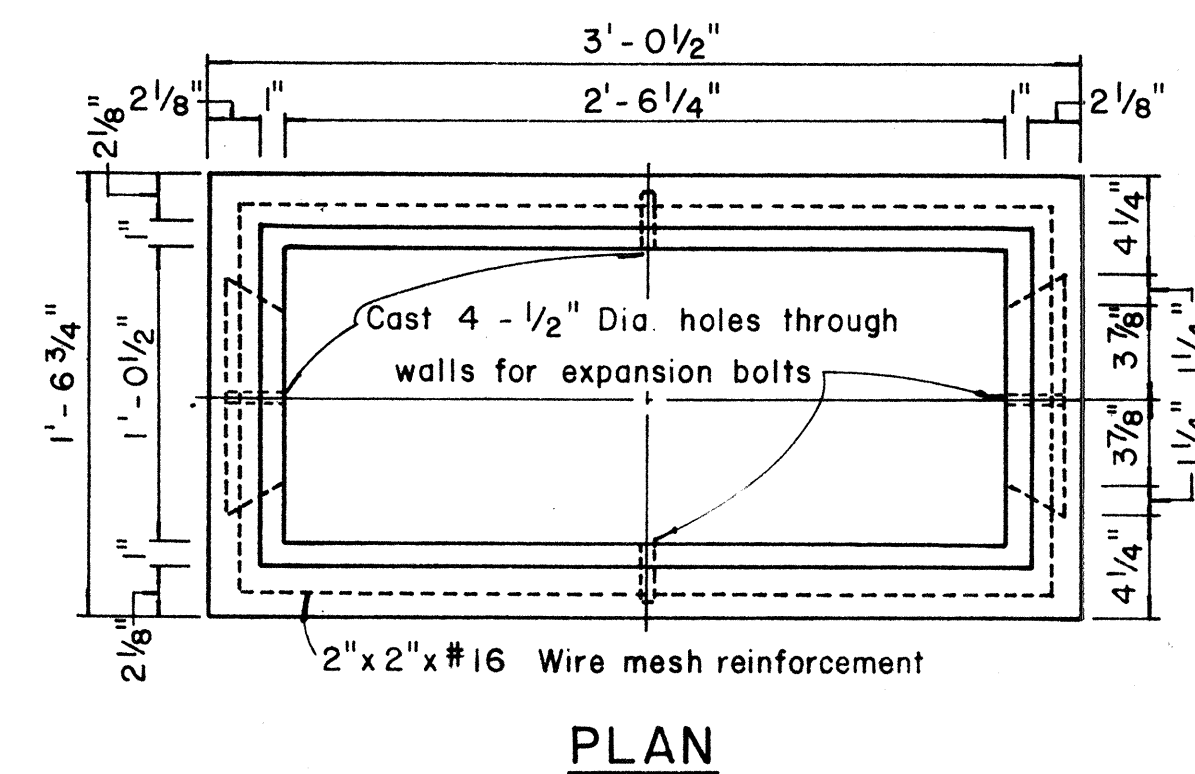
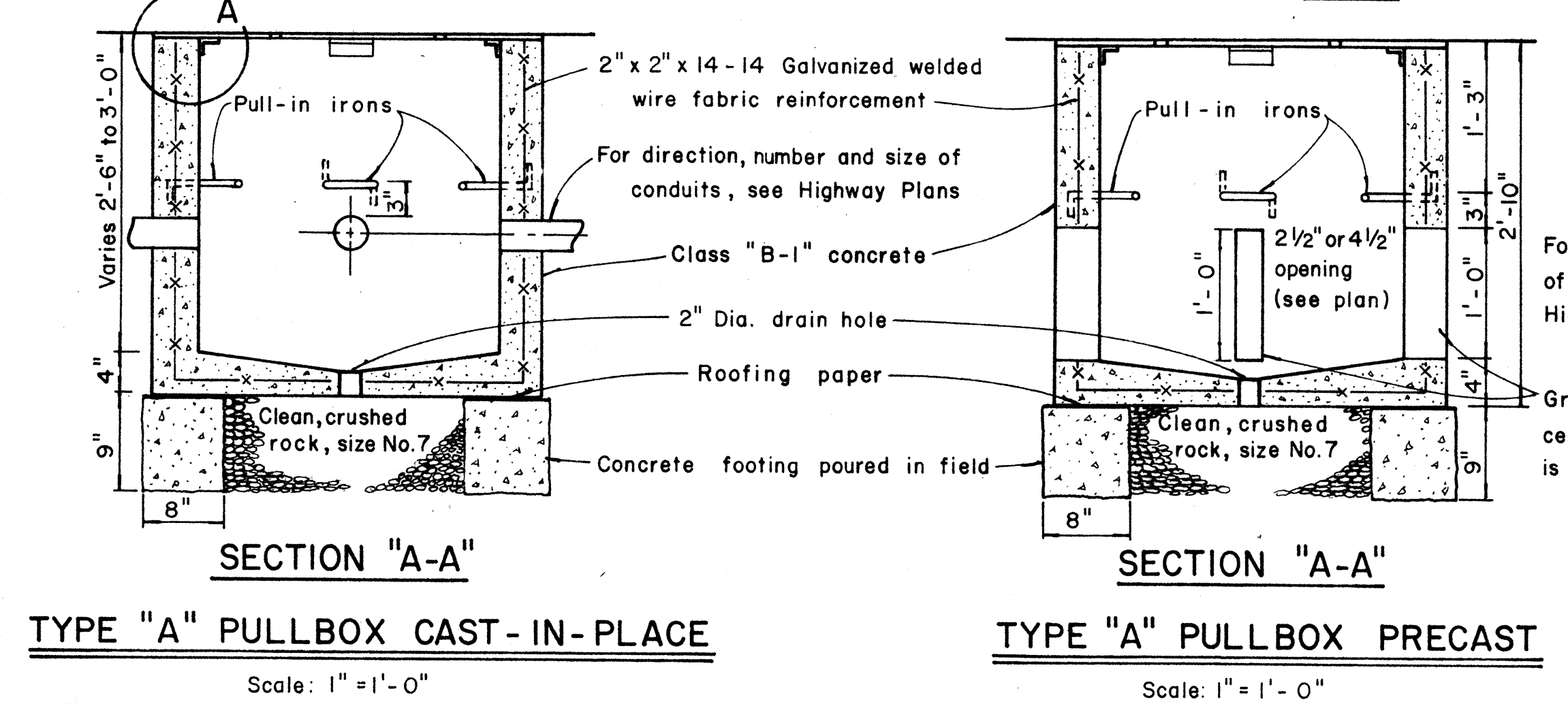
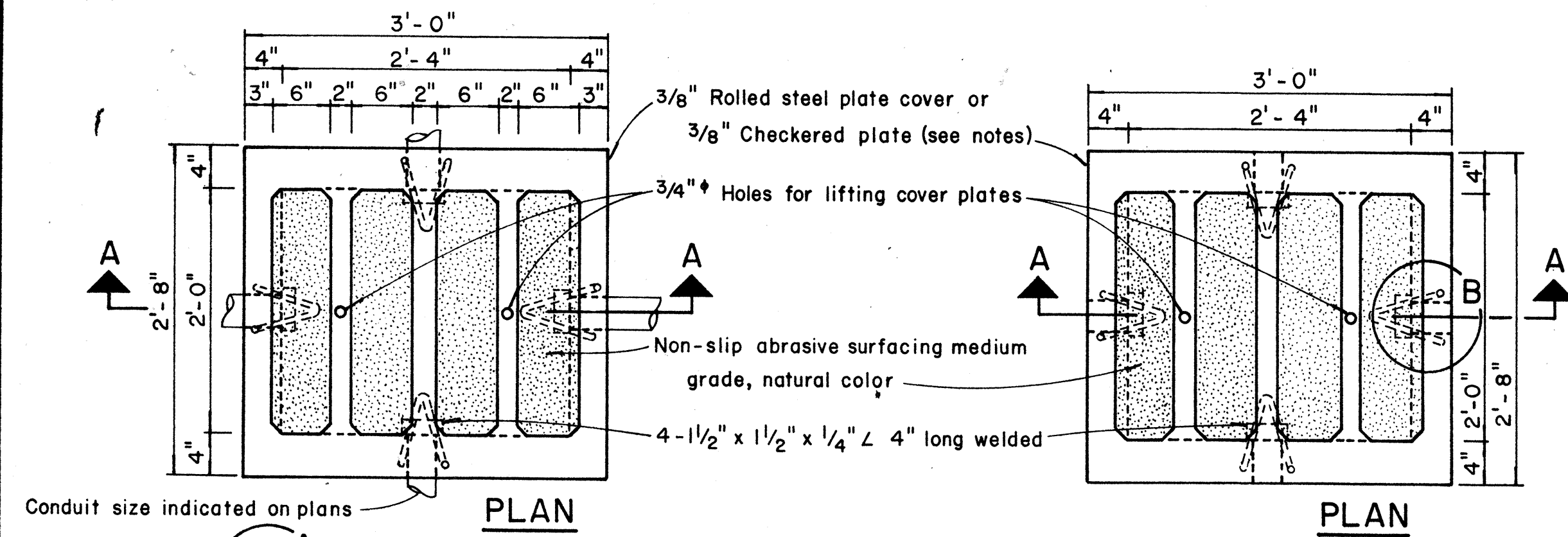
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HIGHWAY LIGHTING
SYSTEM
INTERSTATE ROUTE H-1
PROJ. NO. I-H-1(66)110

SCALE: AS SHOWN
DATE:

SHEET NO. 1 OF 3 SHEETS

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



- NOTES: (FOR TYPE "A" PULLBOX)
- 3/8" Rolled steel plate cover with non-slip abrasive surfacing medium grade, natural color shall be used on all pullboxes located on sidewalk areas where pedestrians are walking.
 - 3/8" Checkered plate cover shall be used on all pullboxes located in median areas and other locations where there are no pedestrians walking.
 - Pull irons shall be placed opposite each conduit slot.
 - Covers on all pullboxes located in sidewalk areas shall be set flush with the concrete sidewalk.
 - Each pullbox shall have a pair of pull irons opposite each other for lifting purposes.

