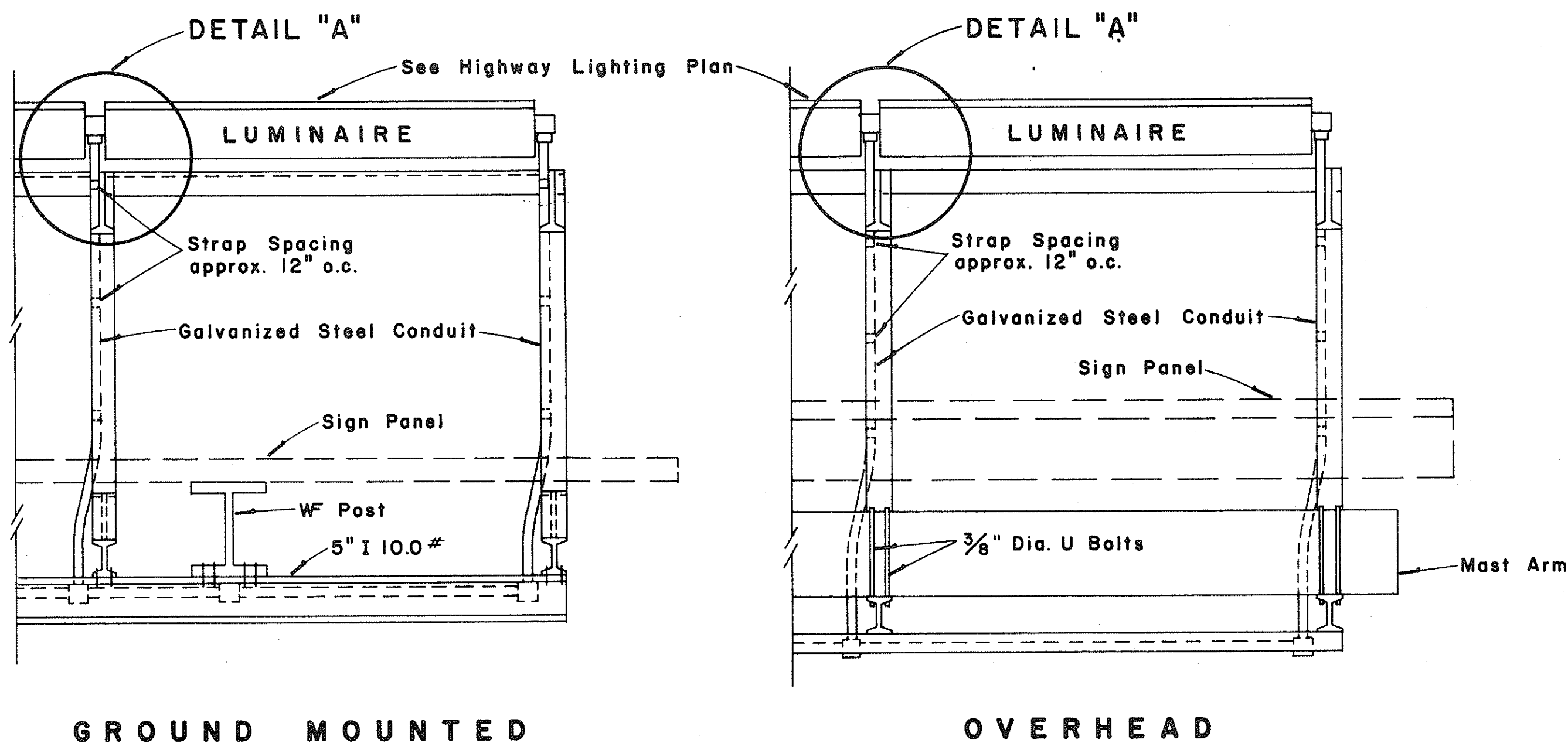


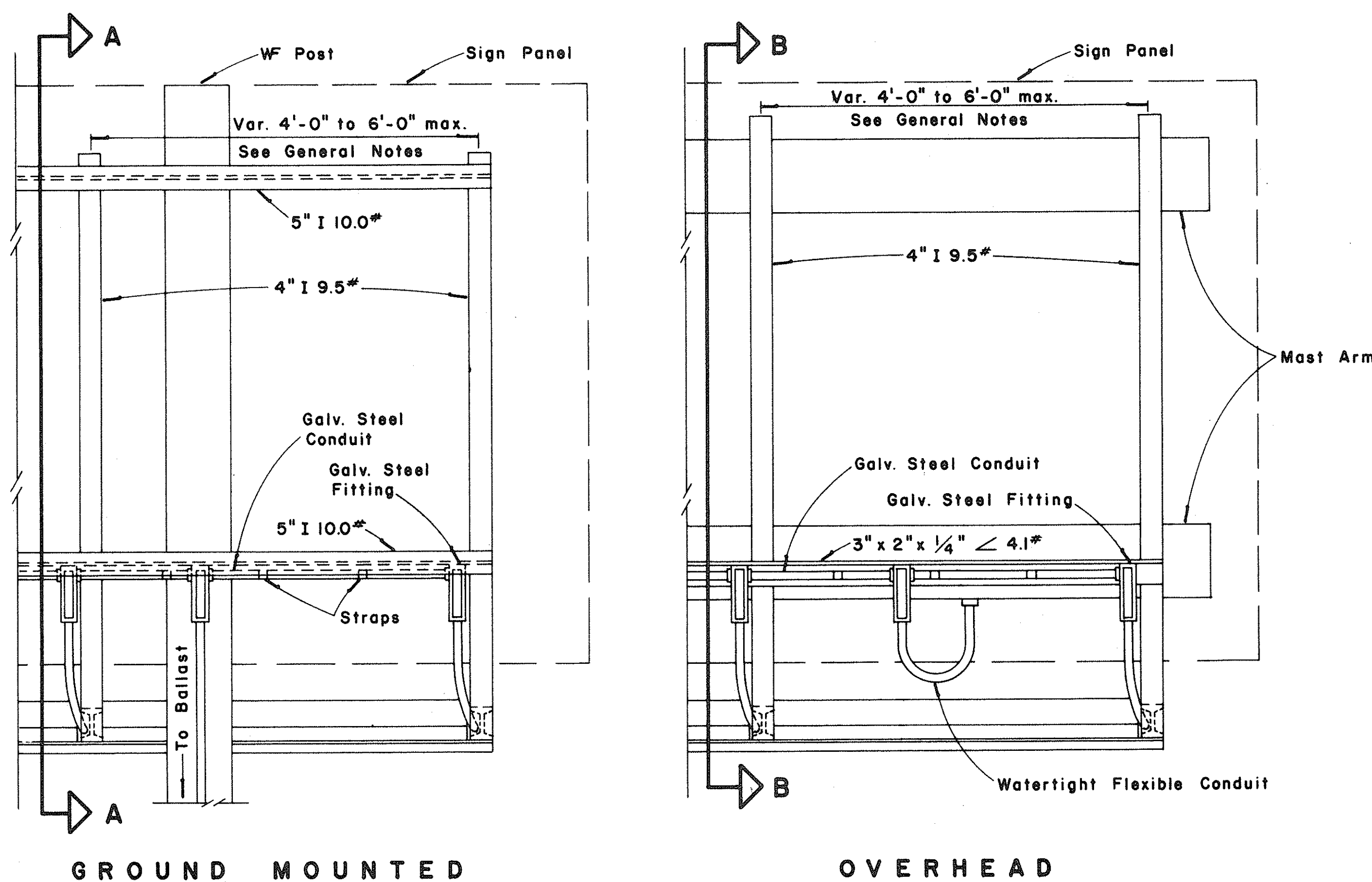
GENERAL NOTES

- Conduit sizes: $\frac{3}{4}$ " diameter for one or two Luminaire Units, 1" diameter for three or more Luminaire Units.
- Fluorescent Fixtures shall be installed as recommended by the manufacturer.
- Luminaire brackets shall be spaced to fit 4'-0" to 6'-0" luminaires with fittings. Eight feet (8'-0") luminaires shall have an additional bracket at midpoint.
- All parts of the bracket shall be hot-dip galvanized, prime coated with a suitable primer and painted with three coats of dark green enamel.



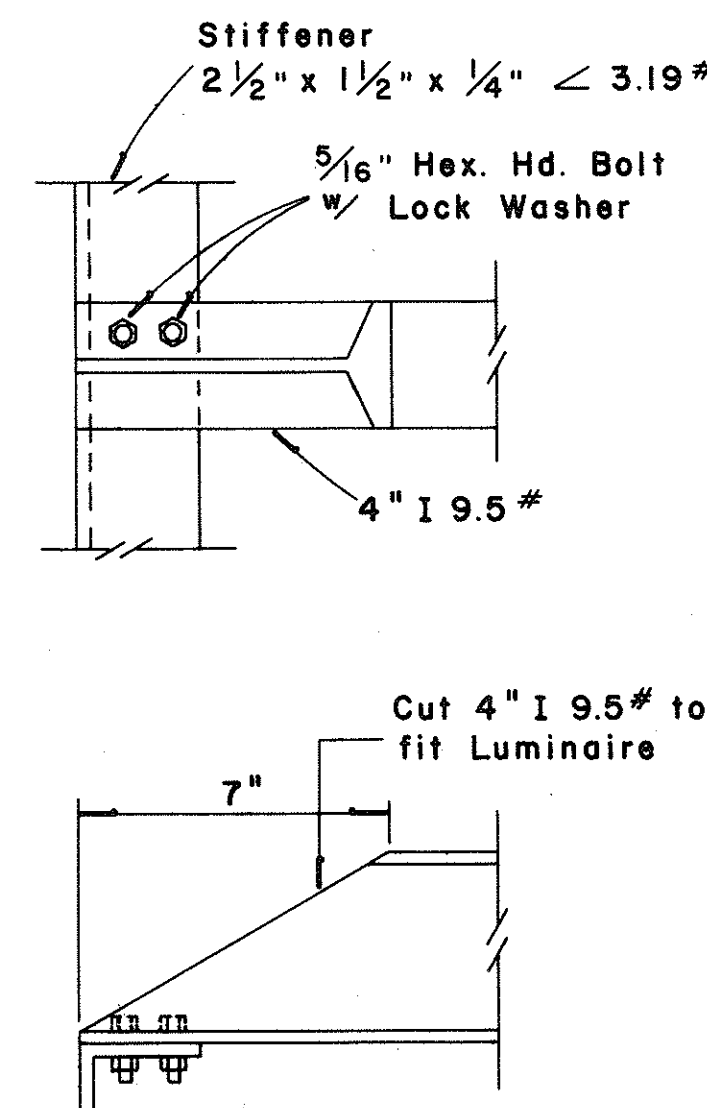
TOP VIEW LUMINAIRE MOUNTING

Scale: 1" = 1'-0"



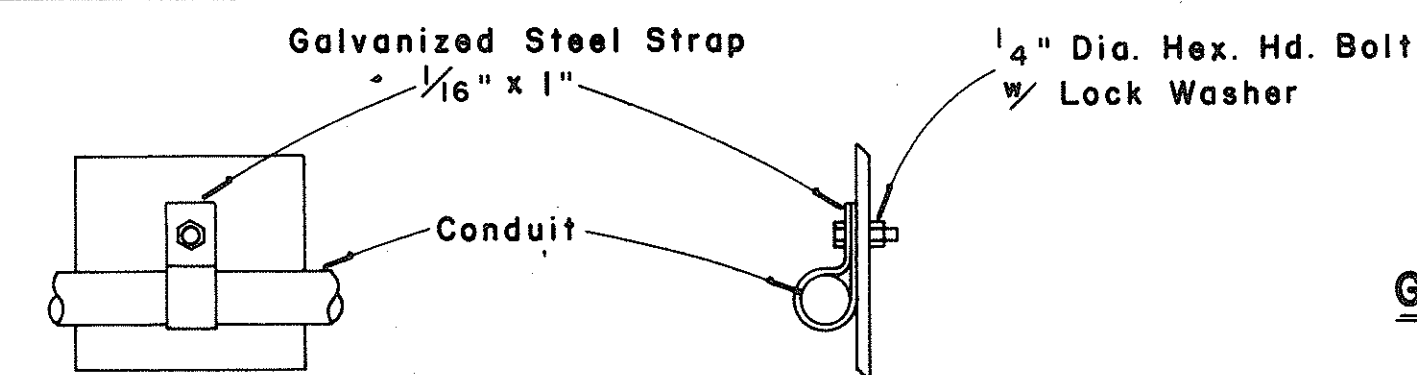
REAR VIEW LUMINAIRE MOUNTING

Scale: 1" = 1'-0"



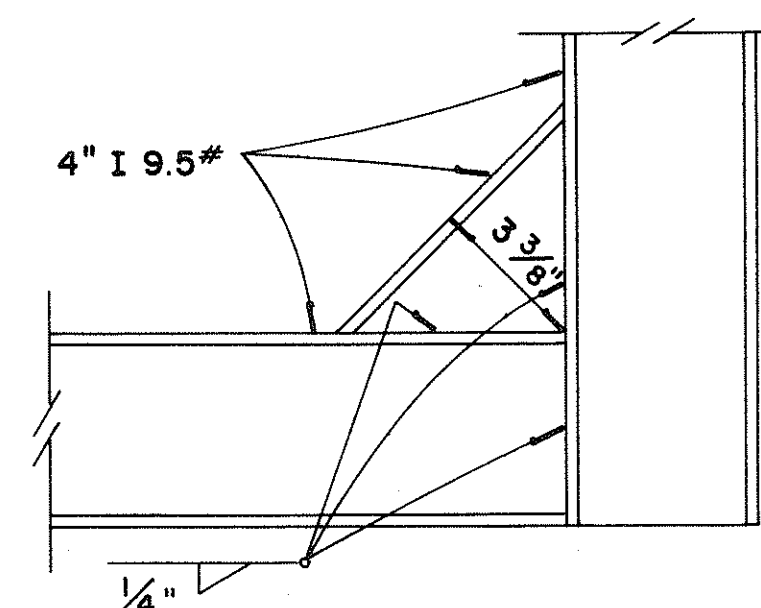
DETAIL "A"

Scale: 3" = 1'-0"



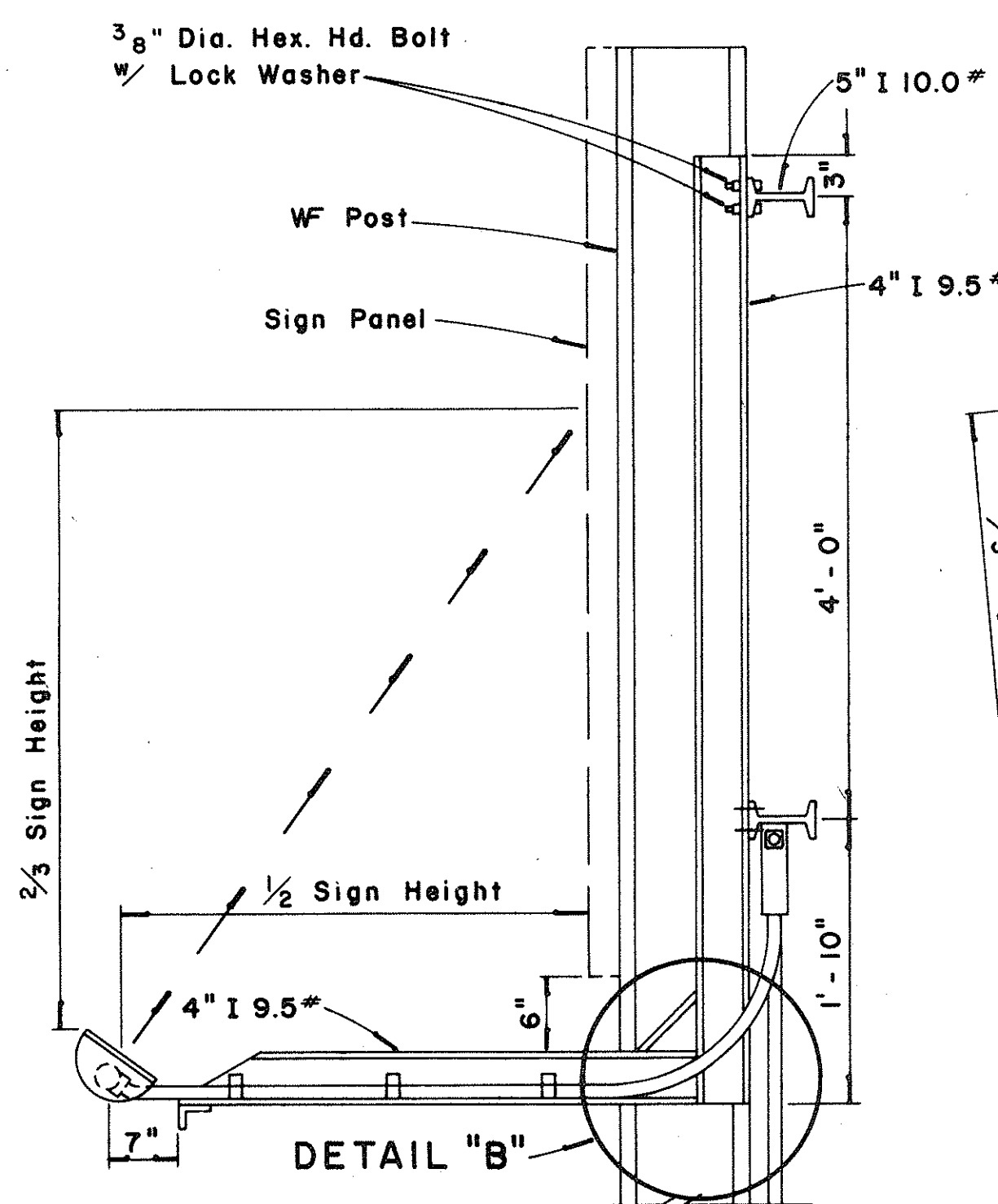
CONDUIT STRAP DETAIL

Scale: 3" = 1'-0"



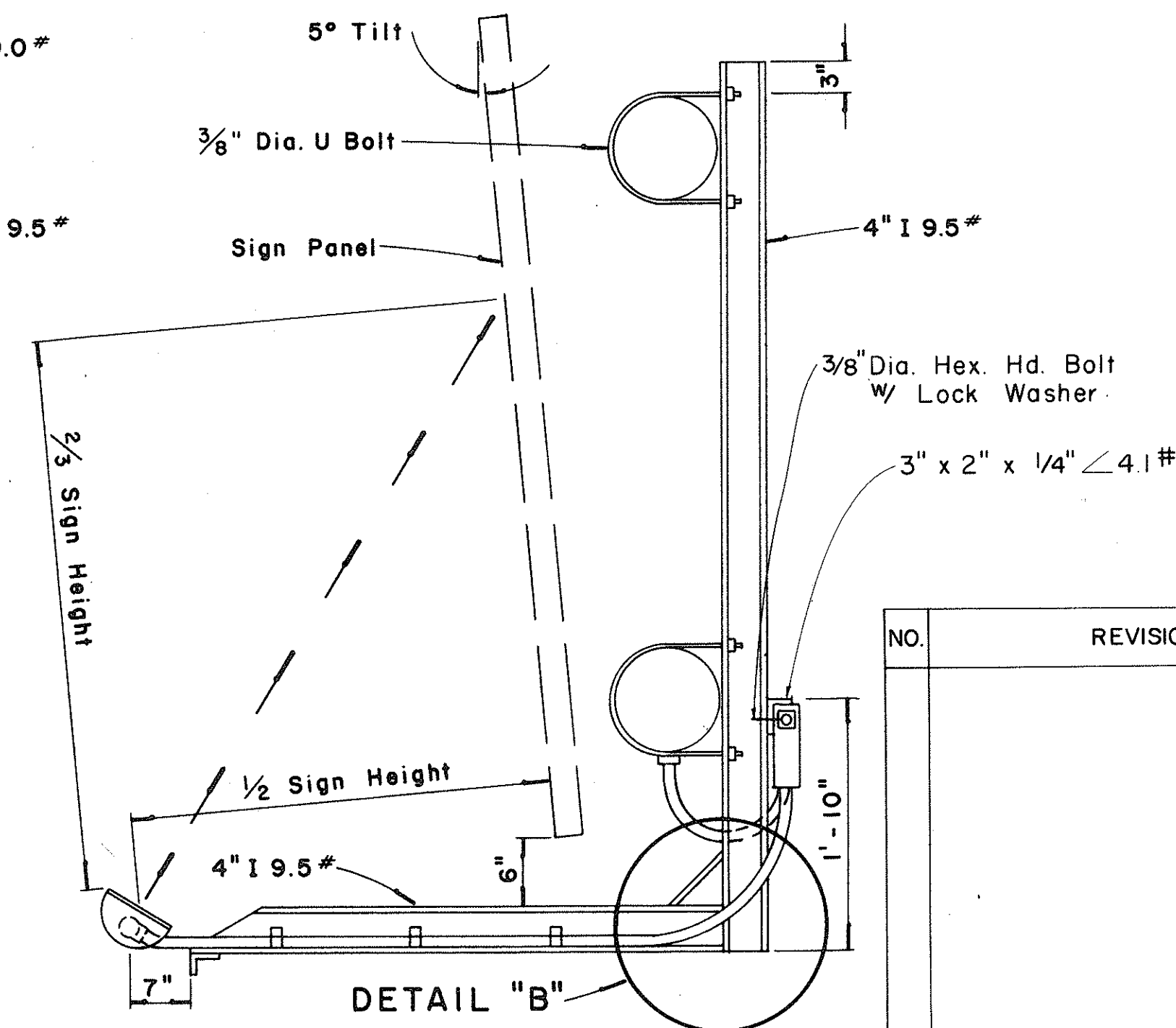
DETAIL "B"

Scale: 3" = 1'-0"



SECTION "A-A"

Scale: 1" = 1'-0"



SECTION "B-B"

Scale: 1" = 1'-0"

APPROVAL RECOMMENDED:
Erich Tanaka
TRAFFIC ENGINEER

12/20/62
DATE

APPROVED:
W. J. J. J.
ASSISTANT CHIEF, ENGINEERING

12/30/62
DATE

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

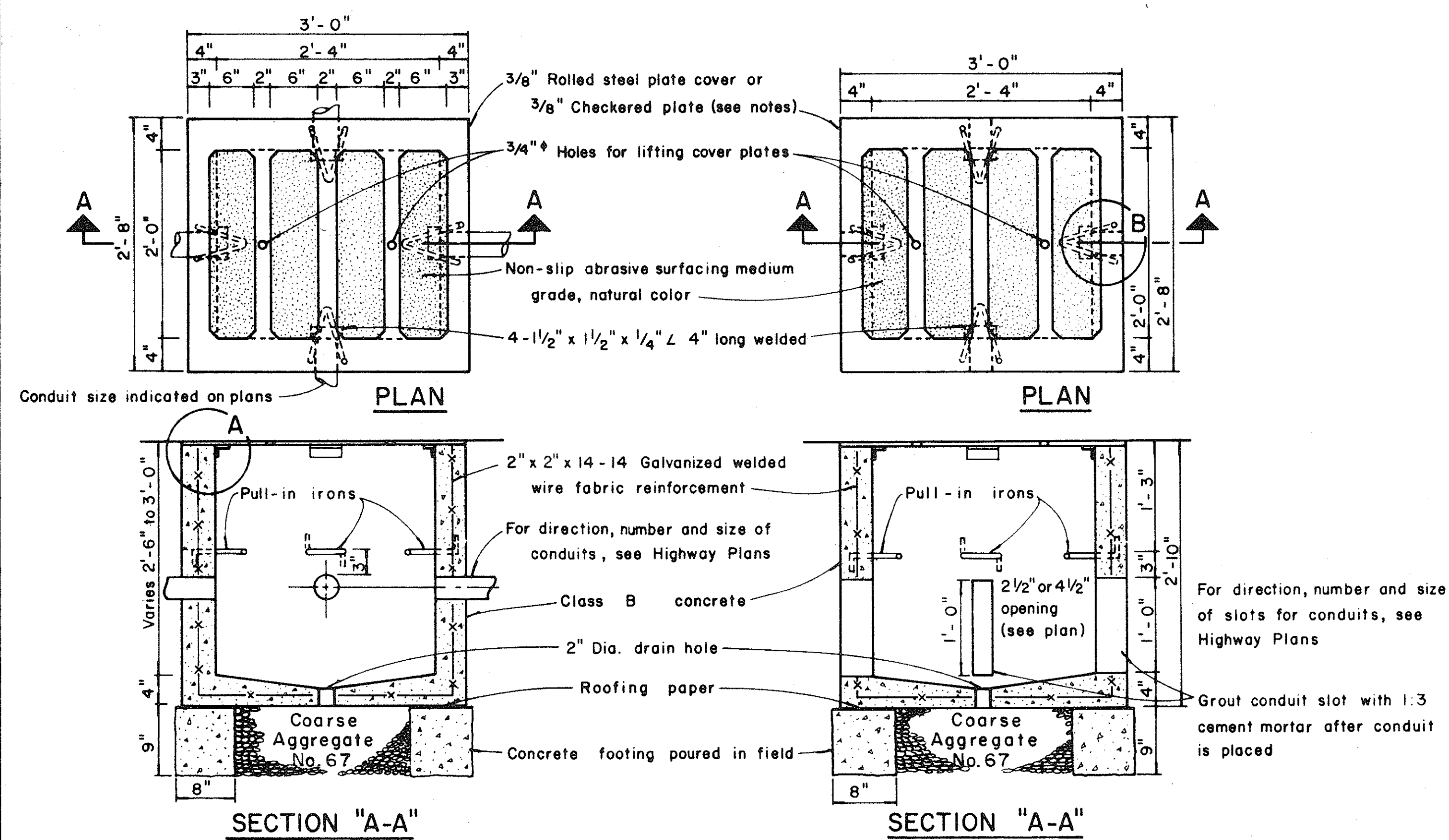
EXPRESSWAY SIGNS LUMINAIRE MOUNTINGS

Scale: As Shown

SHEET No. 3 OF 4 SHEETS DT 208

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.		1970	9	10

HI-K-05-70

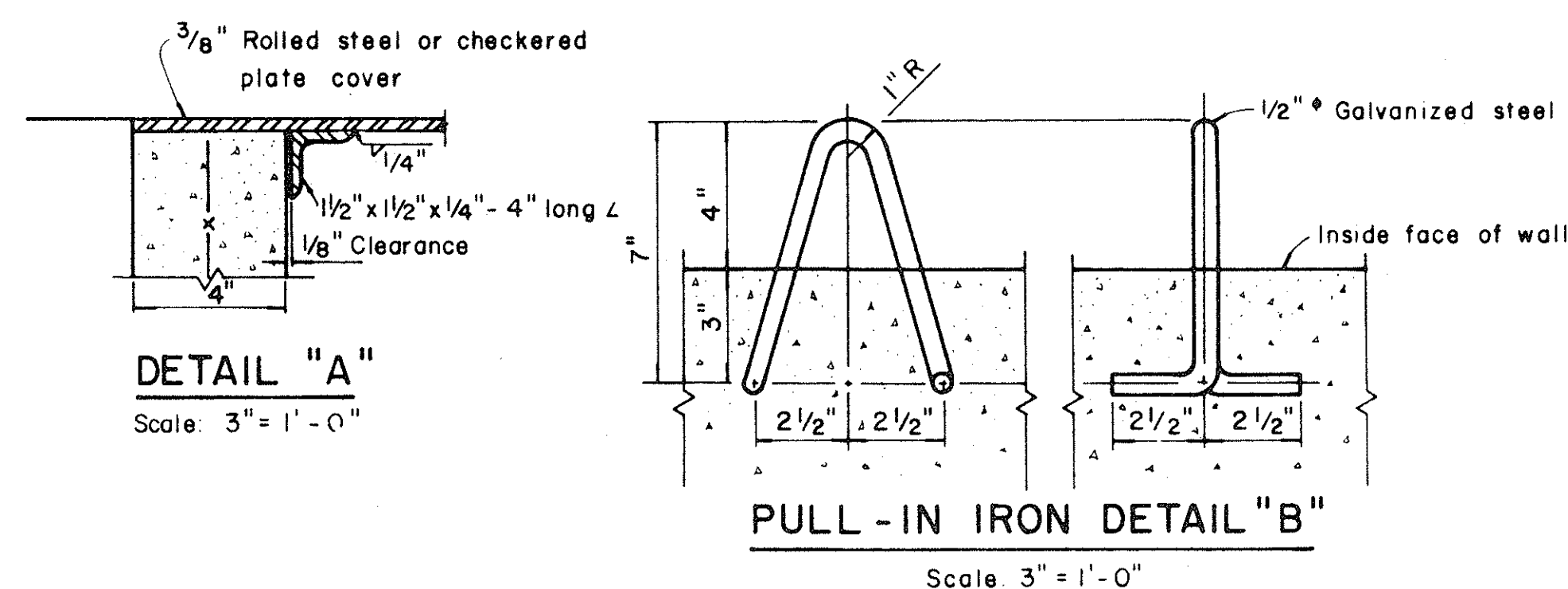


TYPE "A" PULLBOX CAST-IN-PLACE

Scale: 1" = 1'-0"

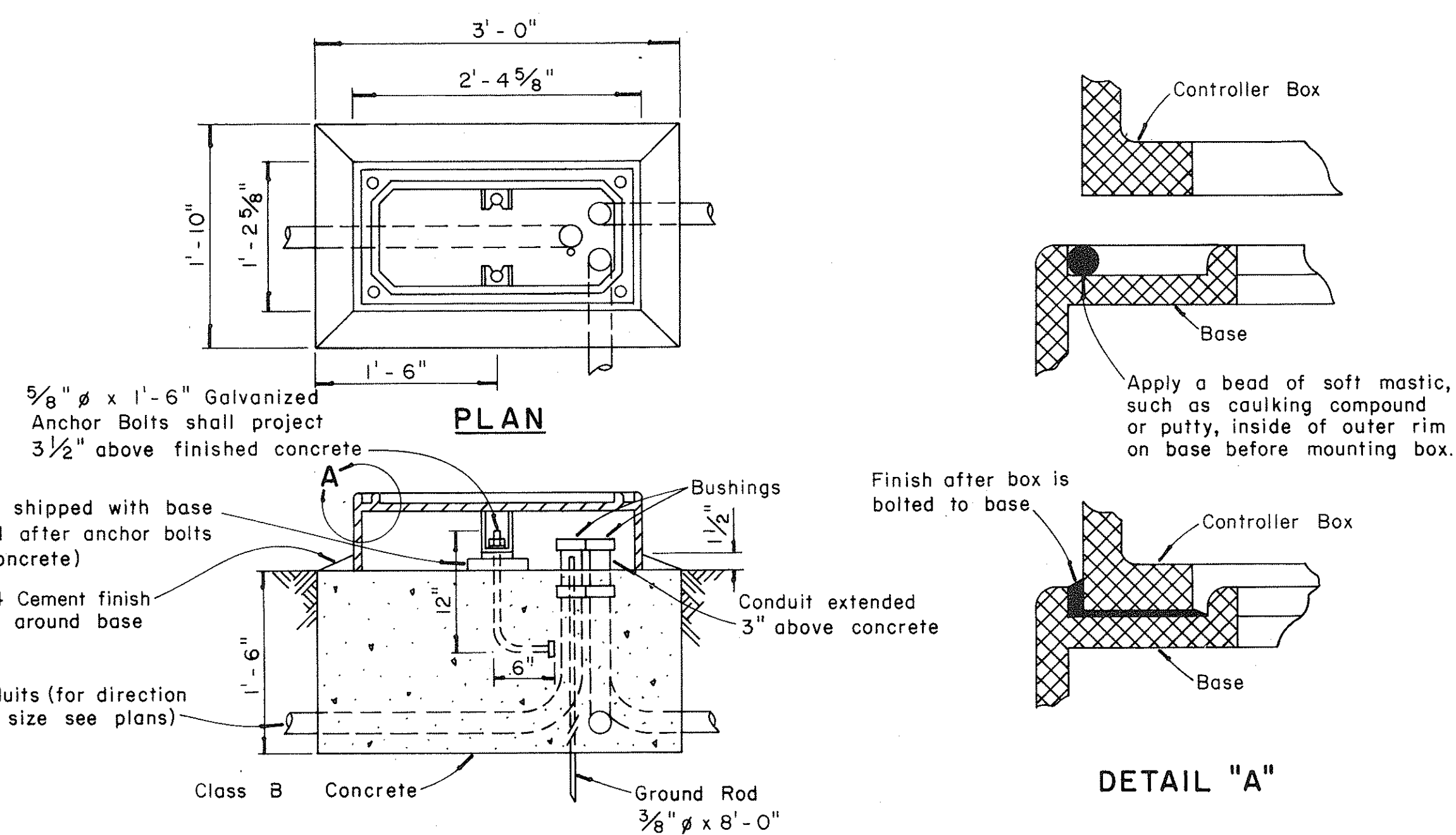
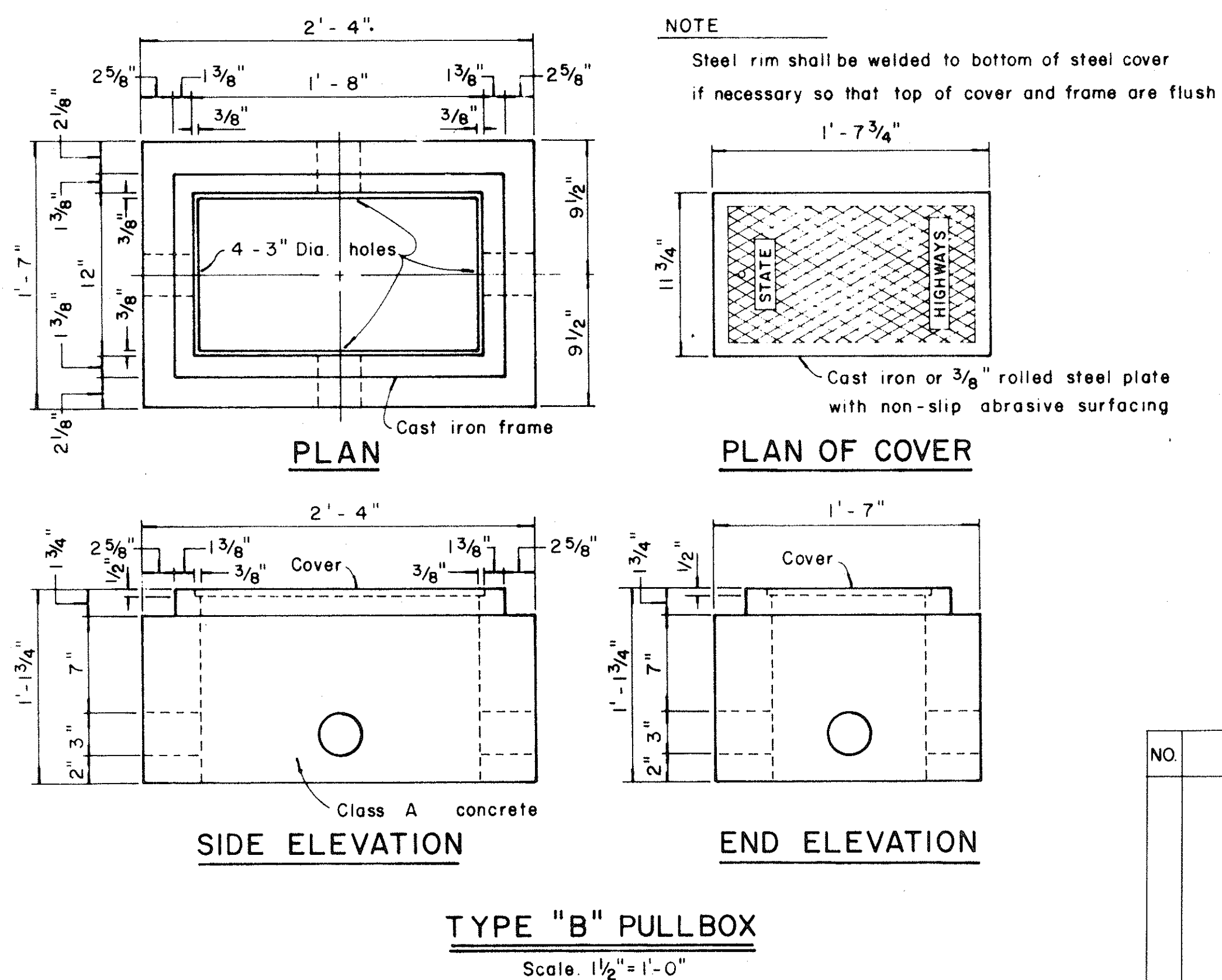
TYPE "A" PULLBOX PRECAST

Scale: 1" = 1' - 0"



NOTES: (FOR TYPE "A" PULLBOX)

1. $\frac{3}{8}$ " 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.
2. $\frac{3}{8}$ " Checkered plate cover shall be used on all pullboxes located in median areas and other locations where there are no pedestrians walking.
3. Pull irons shall be placed opposite each conduit slot.
4. Covers on all pullboxes located in sidewalk areas shall be set flush with the concrete sidewalk.
5. Each pullbox shall have a pair of pull irons opposite each other for lifting purposes.



INSTALLATION DETAILS FOR TYPE "M" CONTROLLER BOX

Scale: 1" = 1' - 0"

NOTE

Steel rim shall be welded to bottom of steel cover
if necessary so that top of cover and frame are flush

1' - 7 3/4"

Cast iron or 3/8" rolled steel plate
with non-slip abrasive surfacing

APPROVAL RECOMMENDED:
Ericki Tana
 TRAFFIC ENGINEER

12/29/6
DATE

APPROVED: 
ASSISTANT CHIEF, ENGINEERING

12-30-
DATE

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS

PULLBOXES

AND
TYPE "M" CONTROLLER BOX

Scale as noted Date

SHEET No. 4 OF 4 SHEETS DT 402