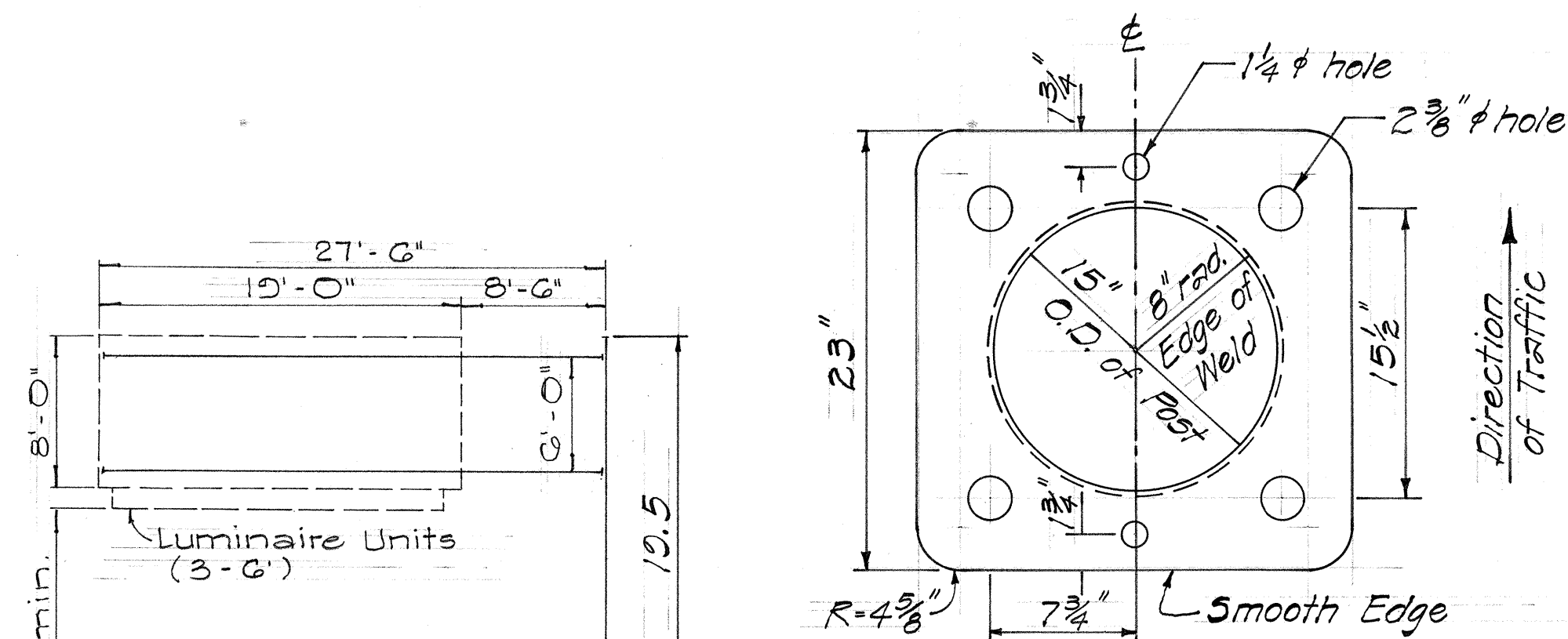
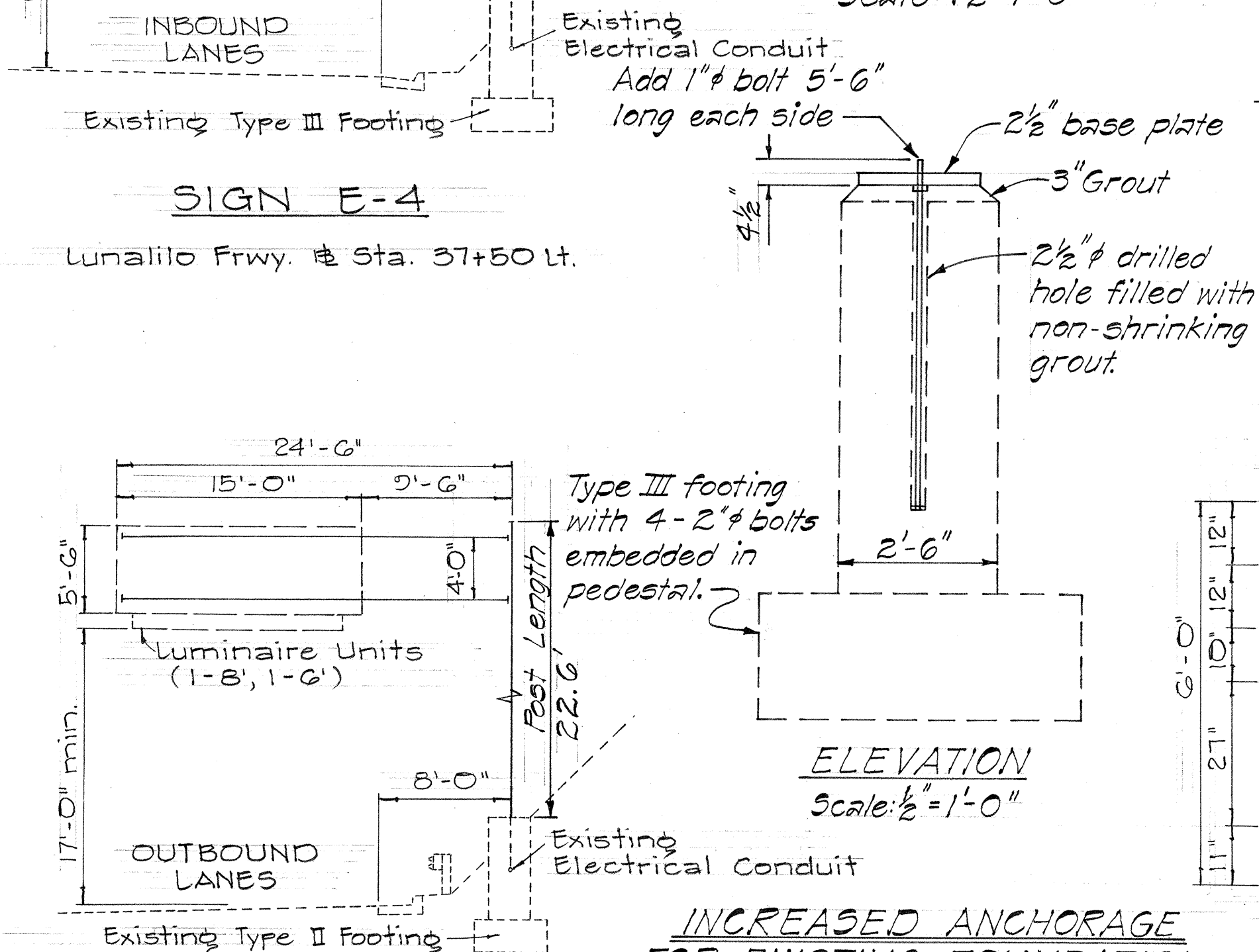
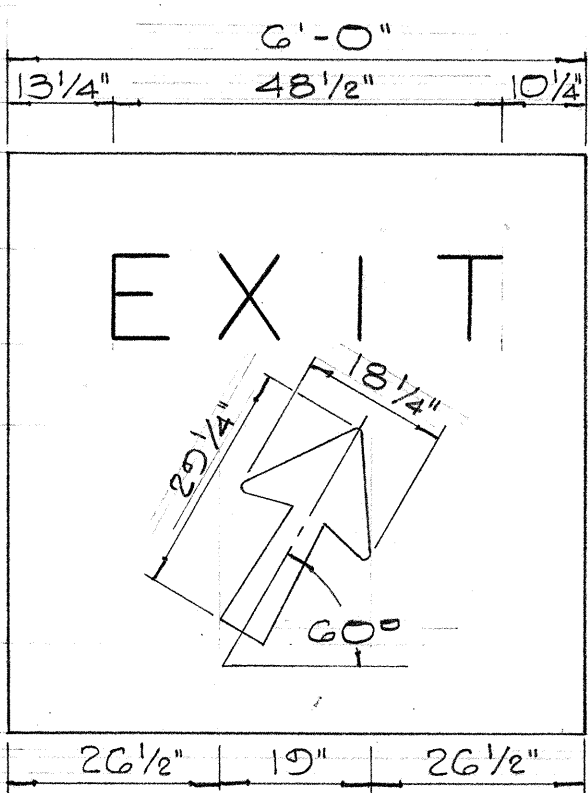




SIGN E-4
Lunalilo Frwy. Sta. 37+50 Lt.



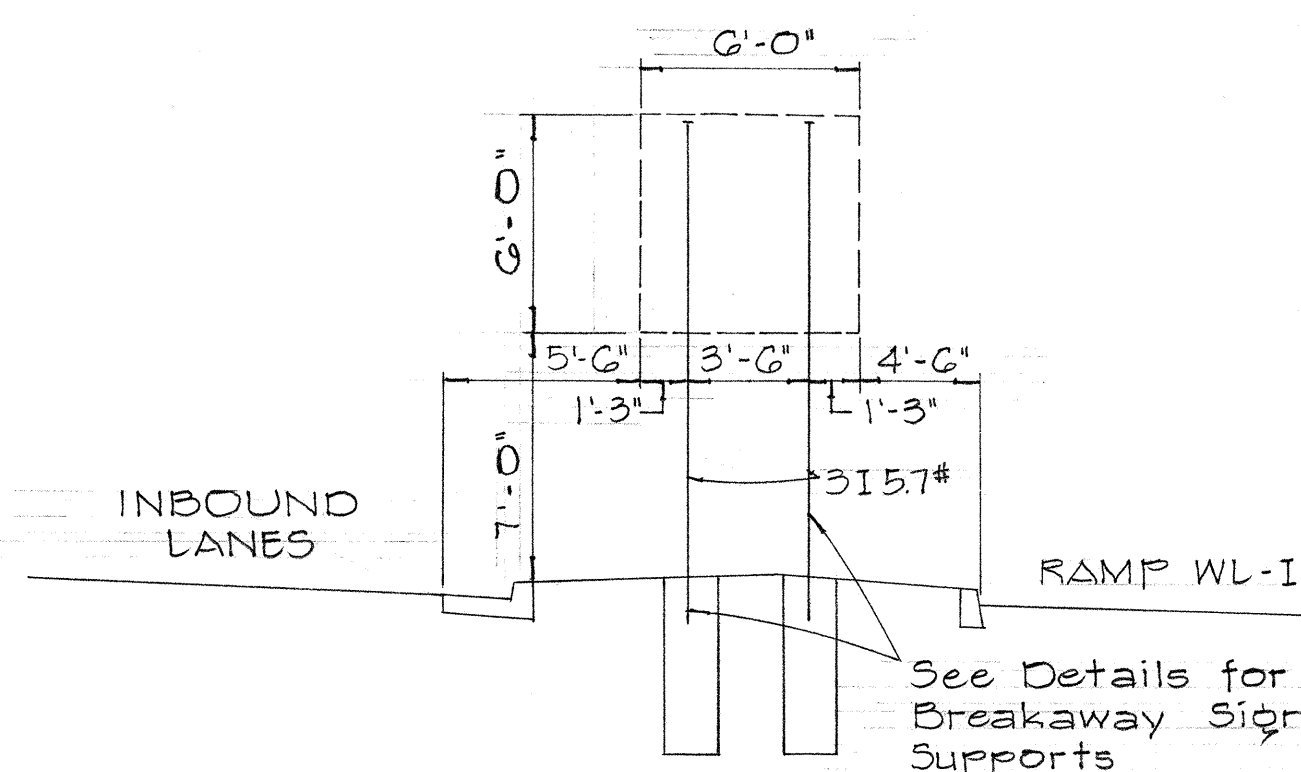
SIGN E-5
Lunalilo Frwy. Sta. 34+00 Rt.



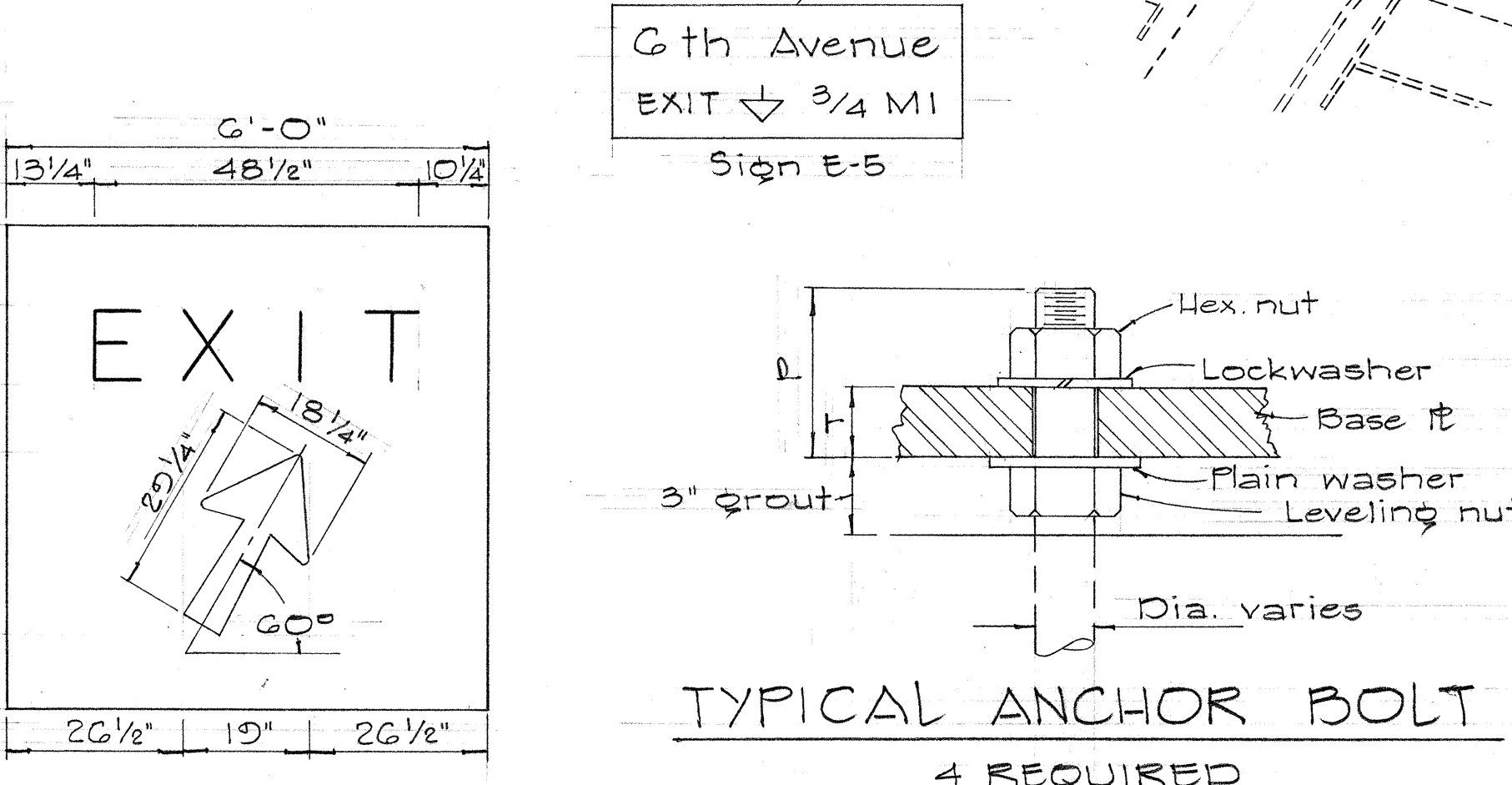
SIGN D-1
RAMP WL-1

NOTE:

- Crossarms shall be furnished by the State and installed by the Contractor. The Contractor shall furnish and install the posts. Prior to installing mast arms on the posts, the Contractor shall verify the crossarm dimensions to insure proper connection.
- The Contractor shall verify the existing anchor bolt dimensions before fabricating the base plates to insure proper connection of the posts to the footing.
- Sign panels E-4 and E-5 shall be furnished by the State and installed by the Contractor.
- The cost of installing crossarms and sign panels for signs E-4 and E-5 shall be incidental to furnishing and installing overhead sign support post.
- Destination sign (D) shall have white reflective sheeting on aluminum cut-outs on green reflective sheeting background.
- One (1) 8 ft. and three (3) 6 ft. luminaire units shall be furnished by the state and installed by the Contractor. The Contractor shall furnish and install the additional 6 ft. luminaire unit, photocells and other appurtenance required to complete the sign lighting system.
- Crossarms, luminaire units and sign panels are stored at the District Baseyard, 721 Keliikoi St.
- Above notes shall apply to signs E-4, E-5 and D-1.
- Crossarms and sign panels E-4 and E-5 are stored on Ramp HI-1, Kapiolani Interchange.

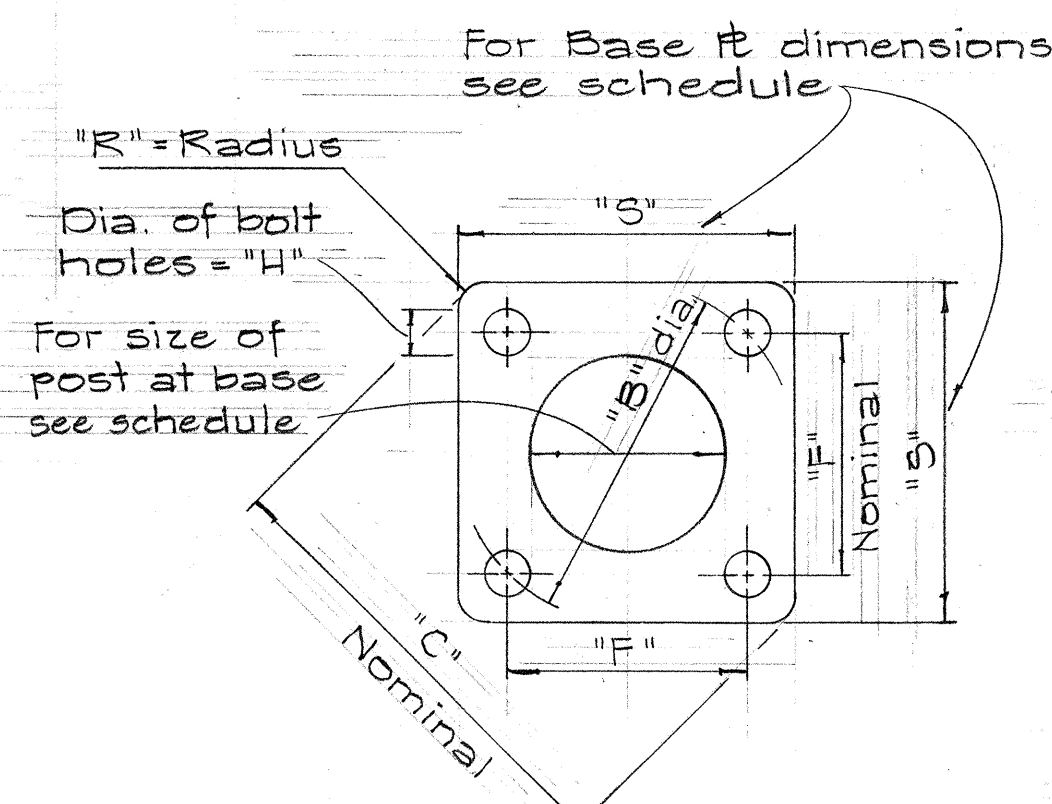


SIGN D-1
Lunalilo Frwy. Sta. 39+50 Lt.

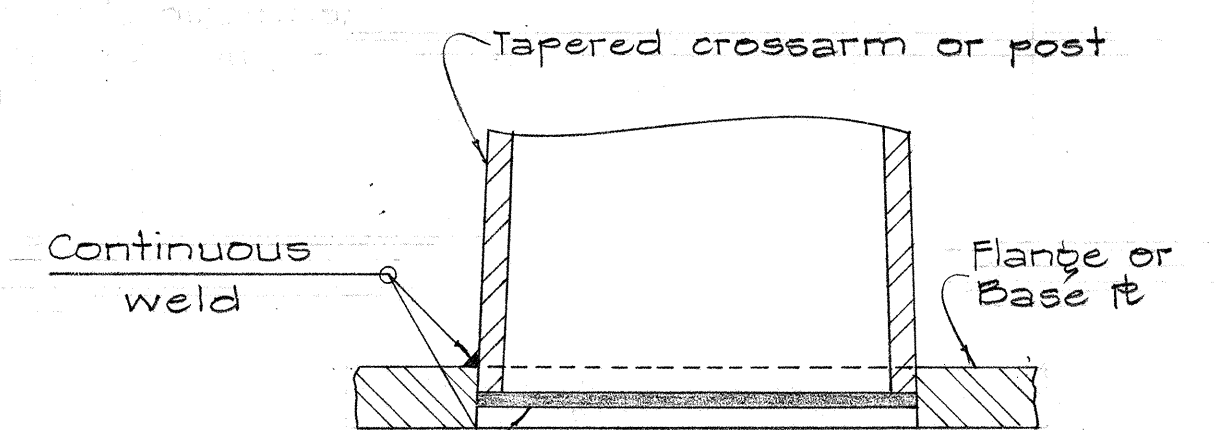


TYPICAL ANCHOR BOLT
4 REQUIRED

BASE PLATE SCHEDULE										
POST DIA.	GAGE No.	B	C	F	H	P	R	S	T	BOLT DIA.
18	0	25 1/2	33	18	2 5/8	4 3/4	5 1/2	26 1/2	2 1/2	2 1/4
15	3	22	28 3/8	15 1/2	2 3/8	6	4 3/8	23	2	2



TYPICAL BASE PLATE



TYPICAL DETAIL OF POST OR CROSSARM CONNECTION TO BASE OR FLANGE PLATE

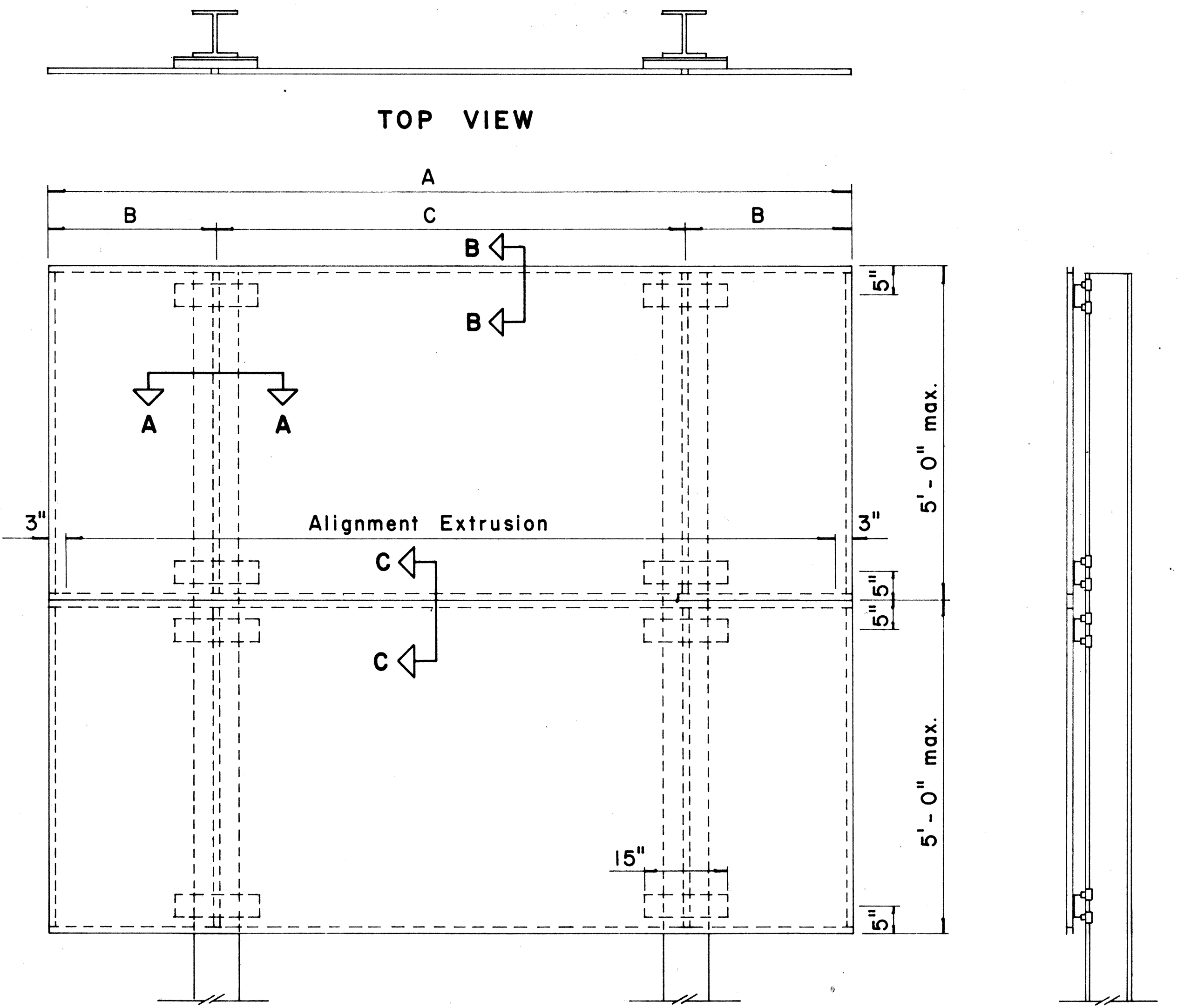
TYPE C - DOUBLE MASTARM - SINGLE POST - CANTILEVER						
Sign No.	Station	Arm Dimensions	Post Dimensions	Base Plate	Footings	
E-4	Sta. 37+50 Lt.	3 ga. 12.5"x8.58"x27'	0 ga. 18"x22'-0"	23"x23"x2 1/2"	Existing	4@2'dia (exist.) *
E-5	Sta. 34+00 Rt.	7 ga. 10.0"x6.64"x24'	3 ga. 15"x18'-6"	23"x23"x2"	Existing	4@2'dia (exist.)

* Refer to sketch "INCREASED ANCHORAGE FOR EXISTING FOUNDATION (SIGN E-4)" this sheet.

THIS SHEET IS A SUPPLEMENT TO THE CONTRACT PLANS

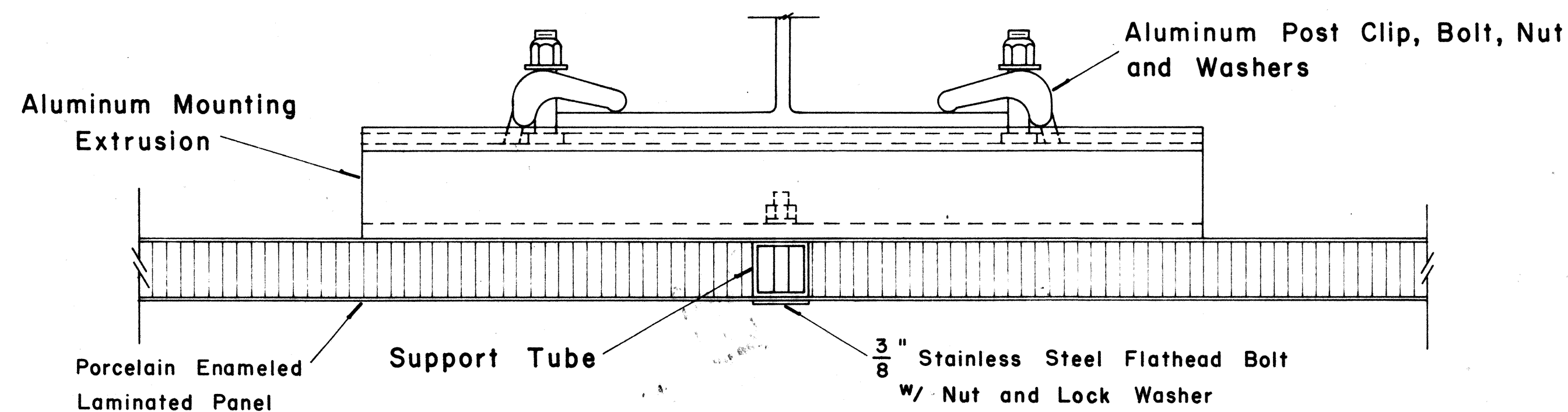
(GROUND MOUNTED SIGNS)
SUPPORT SPACING TABLE

PANEL THICK.	LENGTH OF SIGN A	NO. OF SUPPORTS	OVERHANG B	SUPPORT SPACING C
1"	6'-0"	2	12"	48"
1"	6'-6"	2	15"	48"
1"	7'-0"	2	15"	54"
1"	7'-6"	2	18"	54"
1"	8'-0"	2	18"	60"
1"	8'-6"	2	20"	60"
1"	9'-0"	2	22"	64"
1"	9'-6"	2	23"	68"
1"	10'-0"	2	24"	72"
1"	10'-6"	2	24"	78"
1"	11'-0"	2	24"	84"
1"	11'-6"	2	27"	84"
1"	12'-0"	2	30"	84"
1"	12'-6"	2	30"	90"
1"	13'-0"	2	30"	96"
1"	13'-6"	2	30"	102"
1"	14'-0"	2	30"	108"
1"	14'-6"	2	36"	102"
1"	15'-0"	2	36"	108"
2.5"	15'-6"	2	36"	114"
2.5"	16'-0"	2	39"	114"
2.5"	16'-6"	2	39"	120"
2.5"	17'-0"	2	39"	126"
2.5"	17'-6"	2	42"	126"
2.5"	18'-0"	2	42"	132"
2.5"	18'-6"	2	45"	132"
2.5"	19'-0"	2	45"	138"
2.5"	19'-6"	2	45"	144"
2.5"	20'-0"	2	48"	144"
2.5"	20'-6"	2	48"	150"
2.5"	21'-0"	2	51"	150"
2.5"	21'-6"	2	51"	156"
2.5"	22'-0"	2	51"	162"
2.5"	22'-6"	2	54"	162"
2.5"	23'-0"	2	54"	168"
2.5"	23'-6"	2	54"	174"
2.5"	24'-0"	2	57"	174"



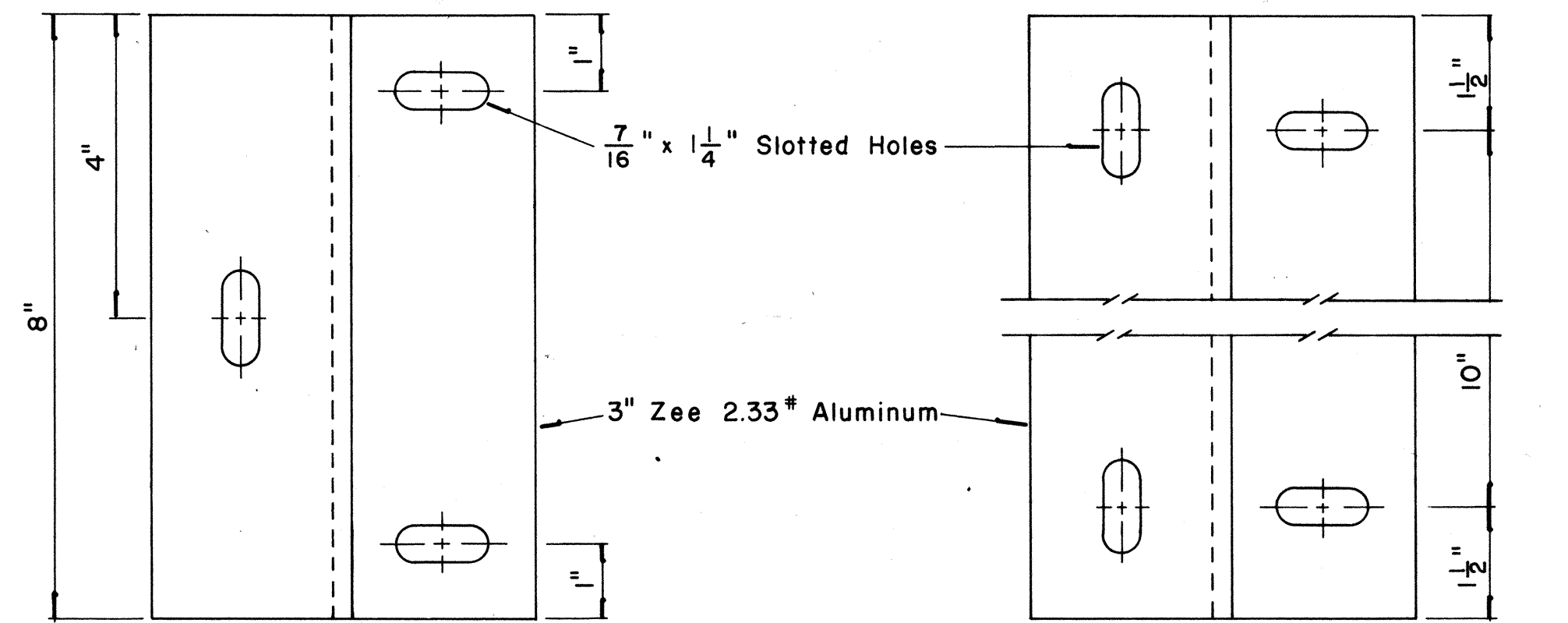
TYPICAL SIGN ASSEMBLY

Scale: $\frac{3}{4}$ " = 1'-0"



SECTION "A-A"

Scale: $\frac{1}{2}$ " = 1"

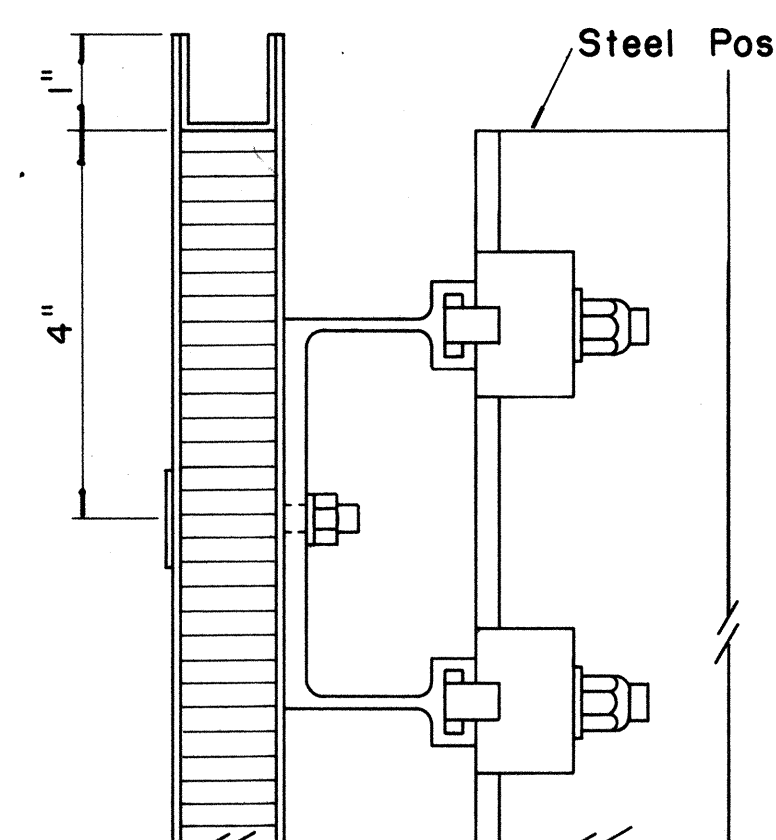


END MOUNTING

INTERMEDIATE MOUNTING

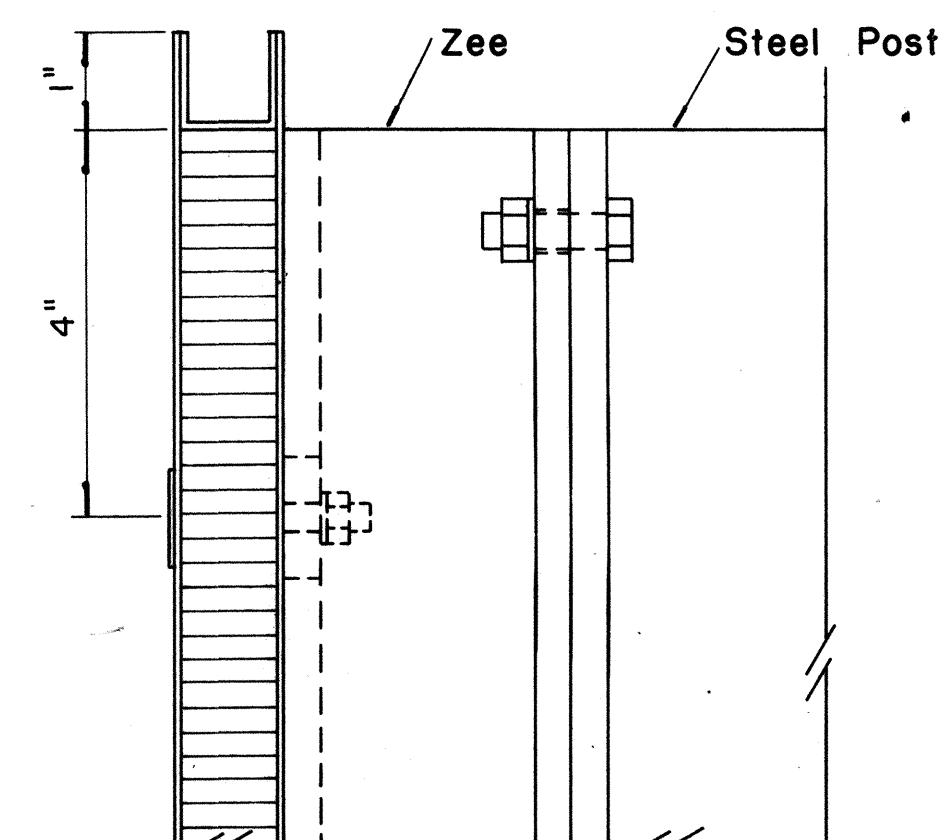
ZEE MOUNTING DETAILS

Scale: $\frac{1}{2}$ " = 1"



SECTION "B-B"

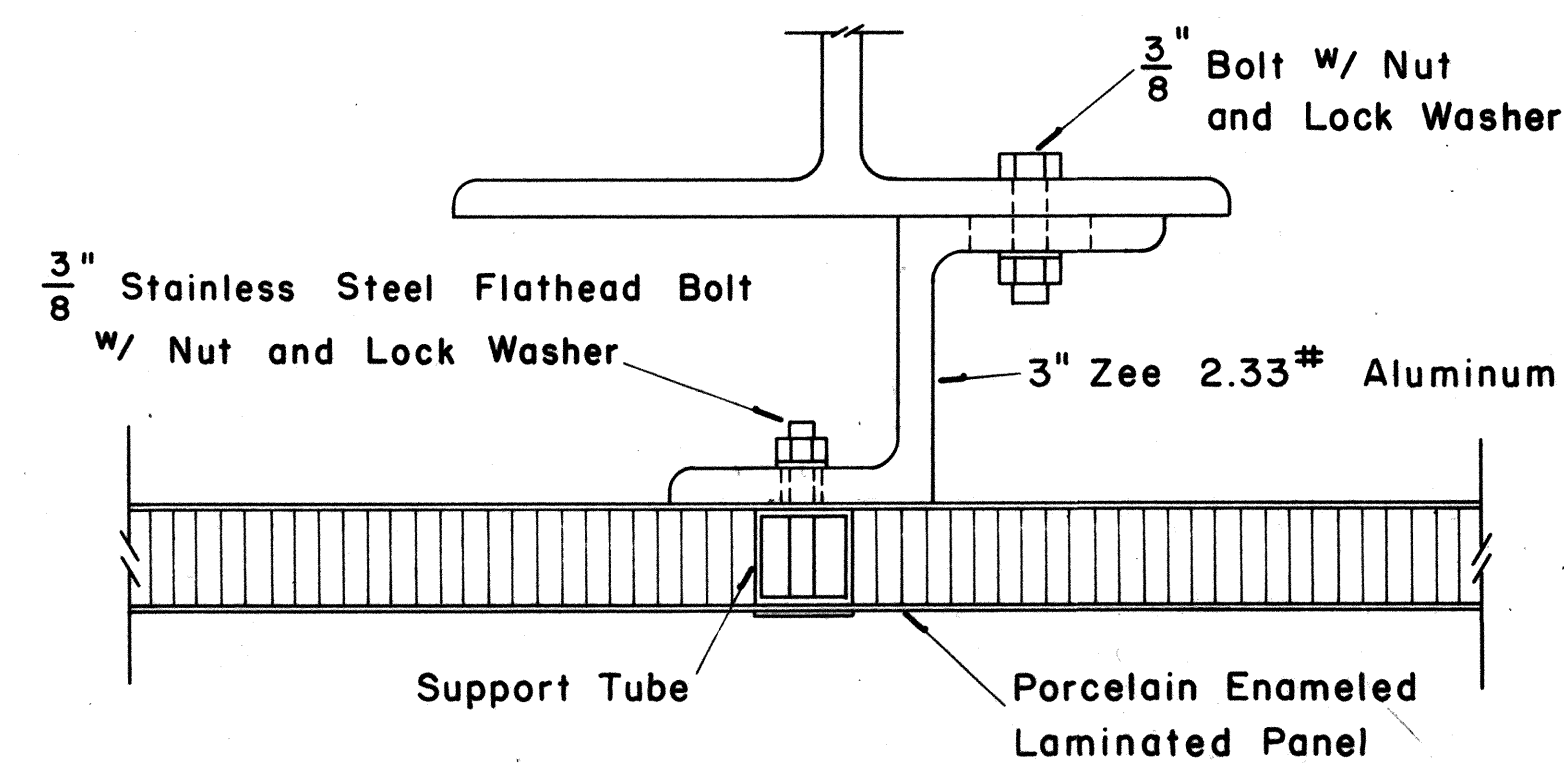
Scale: $\frac{1}{2}$ " = 1"



SECTION "B-B"

(Alternate)

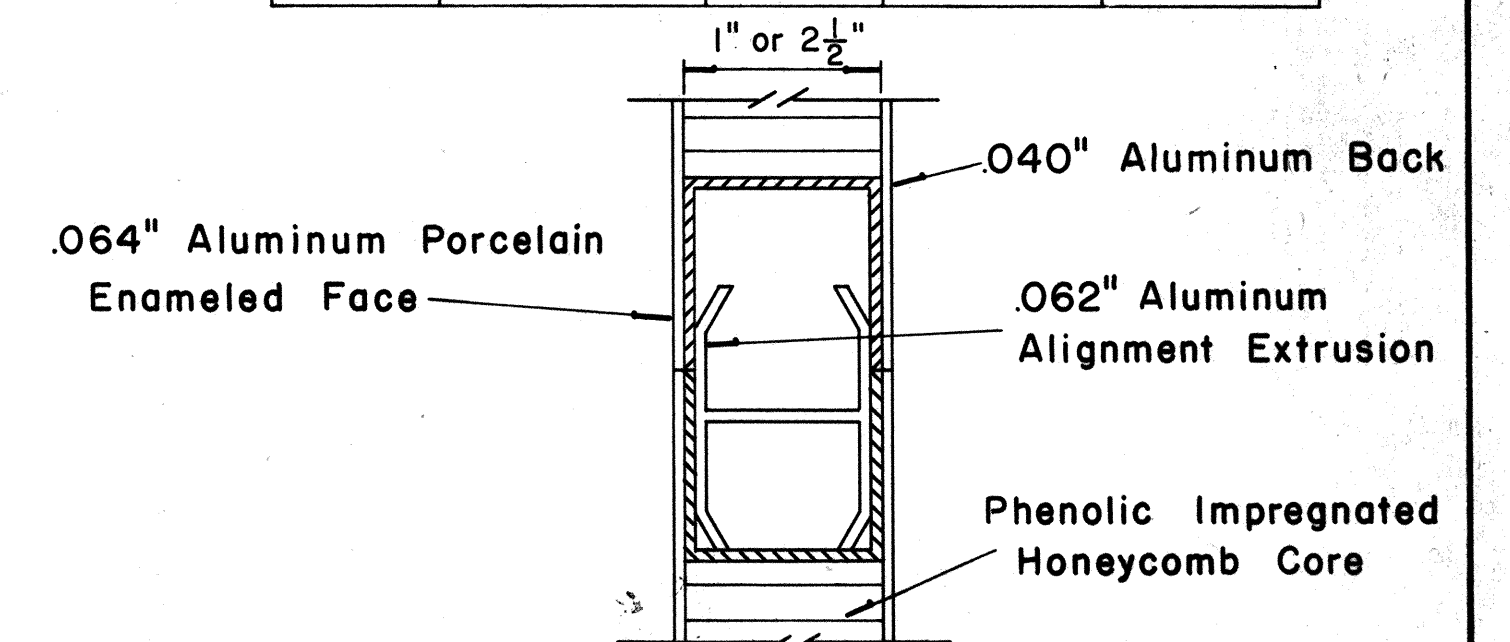
Scale: $\frac{1}{2}$ " = 1"



SECTION "A-A"

(Alternate)

Scale: $\frac{1}{2}$ " = 1"



CLOSURE DETAIL
SECTION "C-C"

FULL SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
LAMINATED ALUMINUM
SIGN PANELS
(GROUND MOUNTED)

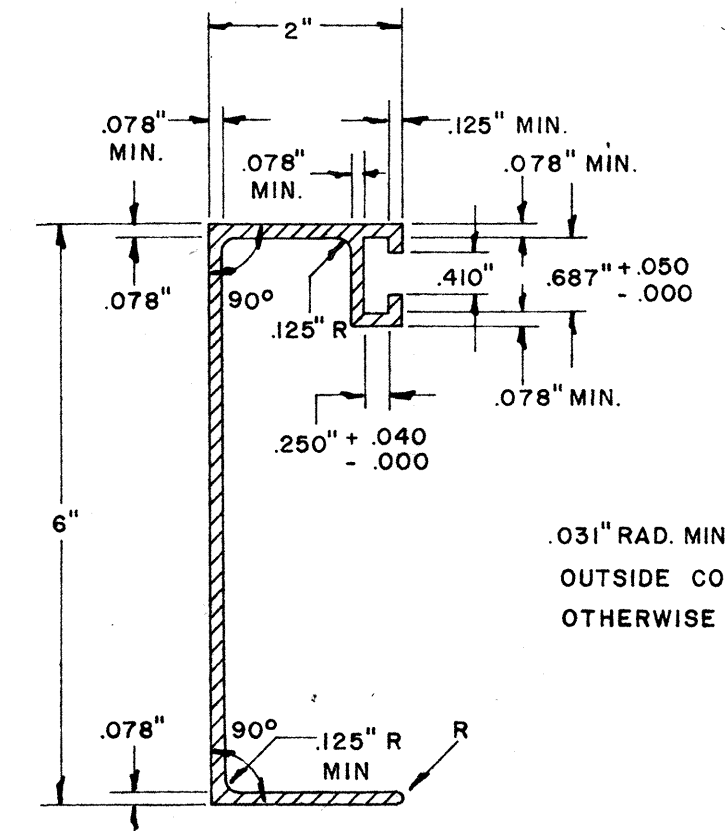
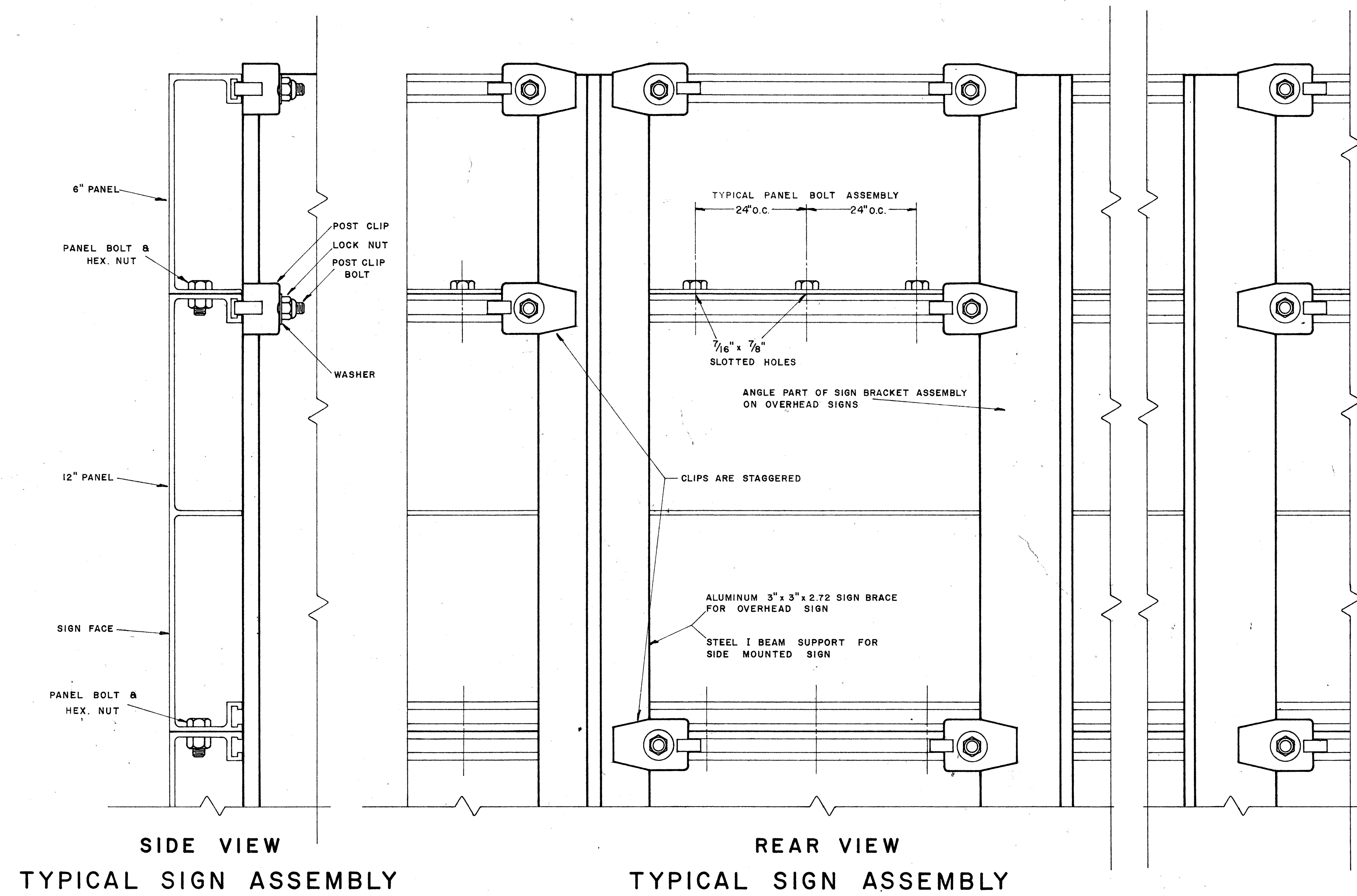
Scale: As Shown

SHEET No. OF SHEETS

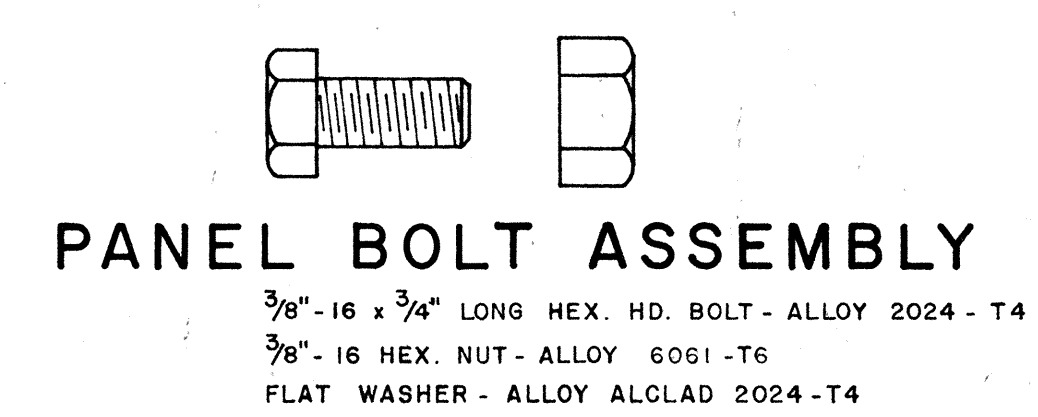
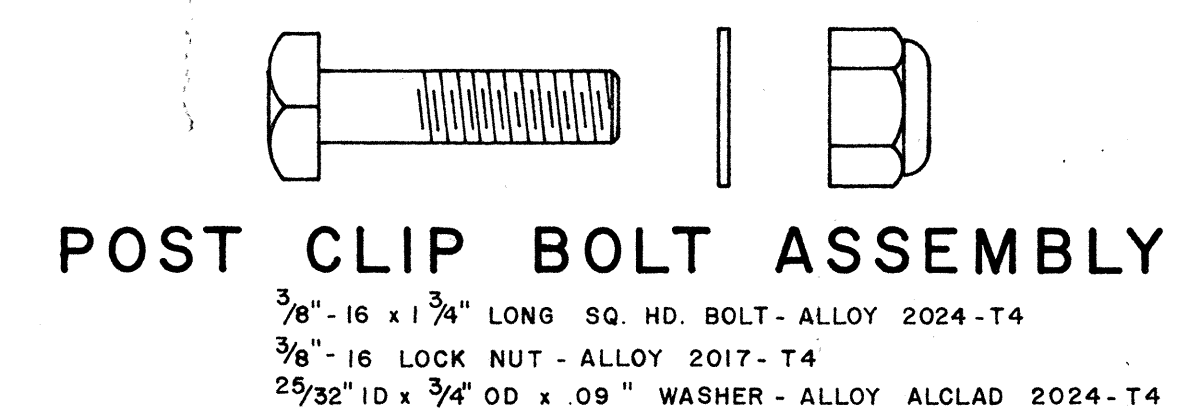
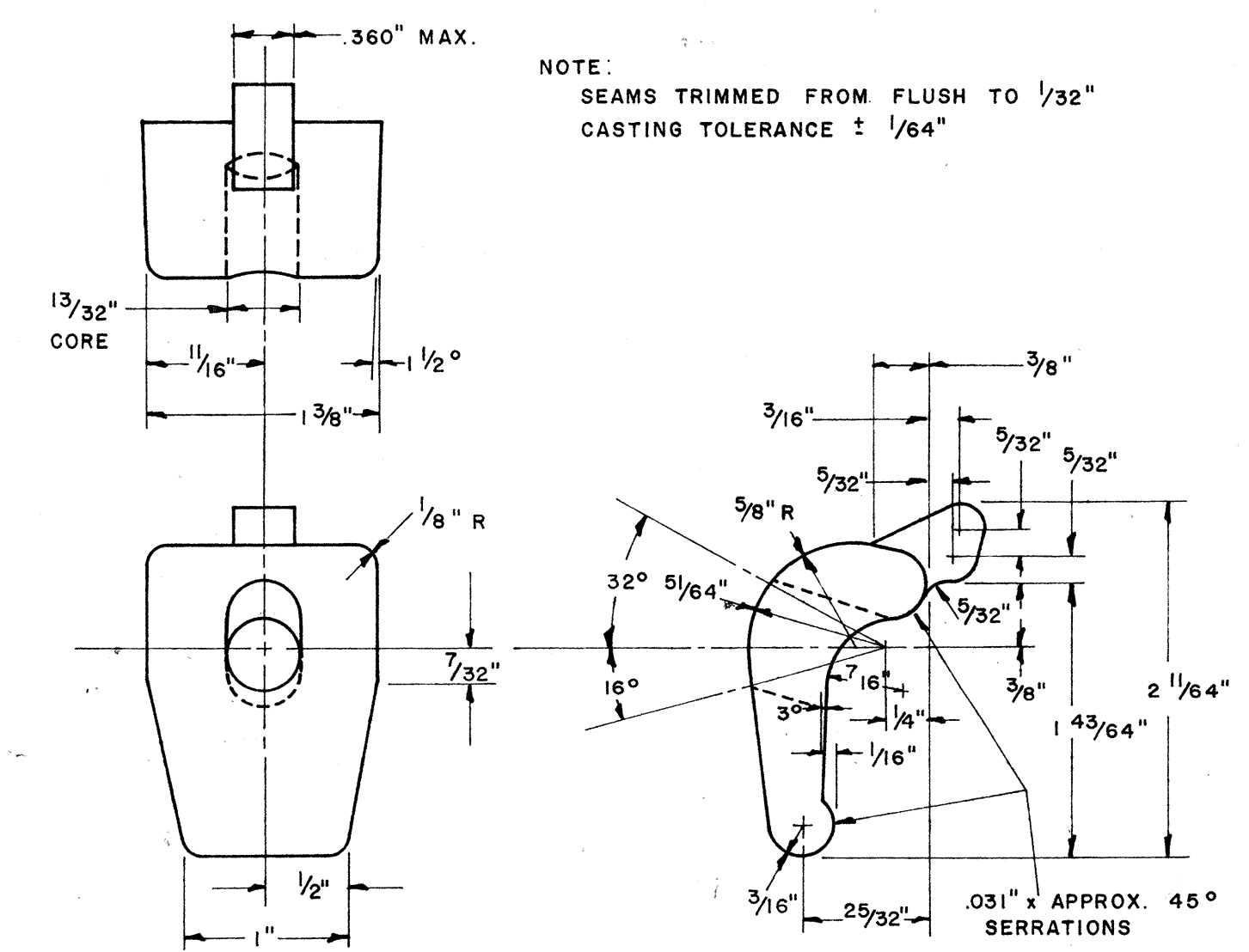
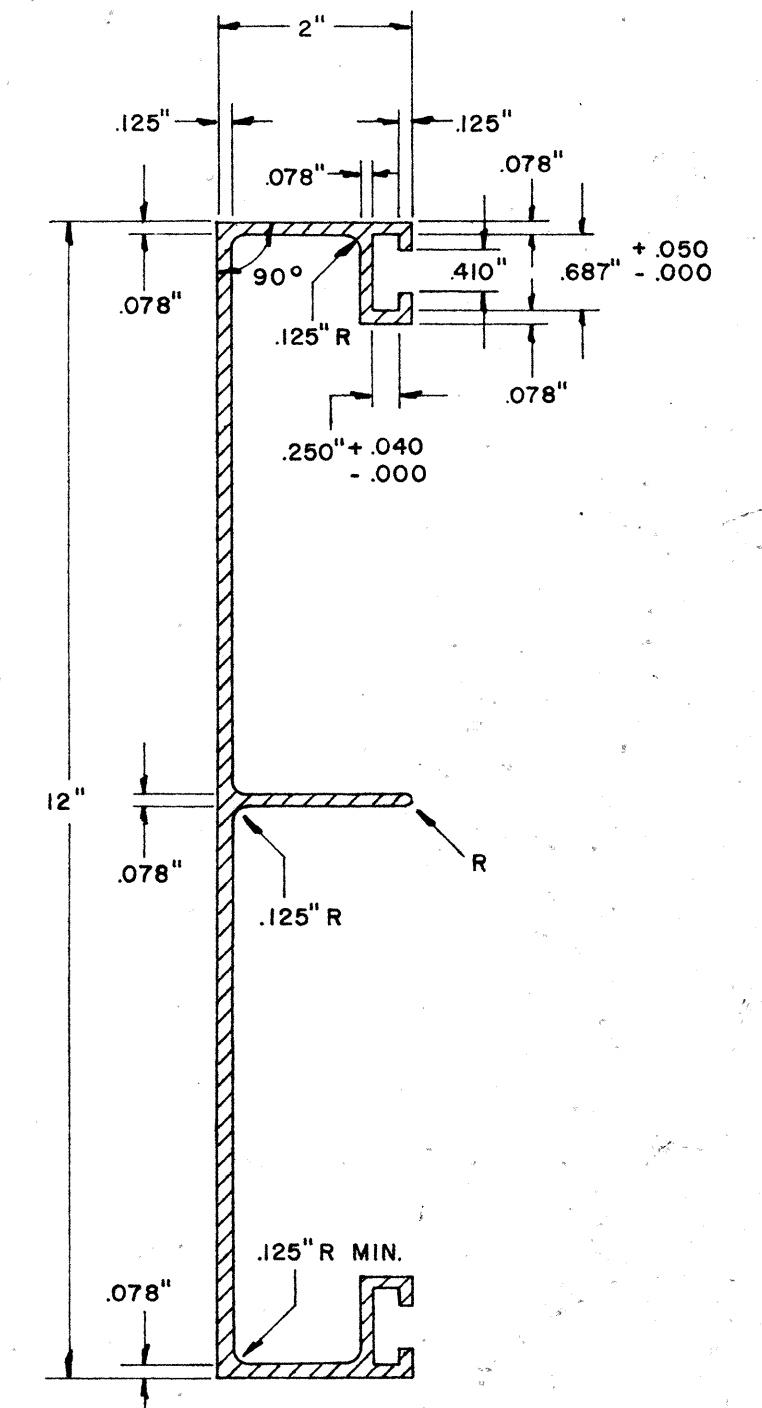
THIS SHEET IS A SUPPLEMENT TO THE CONTRACT PLANS

001545

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	2-41-103	1967	CO155S	152



**SOLID EXTRUDED SIGN
PANEL DETAILS**



NOTE:
Extruded Aluminum Panels may be used for
Destination Signs with Reflective Sheeting Background.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
SOLID ALUMINUM
EXTRUDED SIGN PANEL
AND
ACCESSORY DETAILS

SCALE:

SHEET NO. OF SHEETS

THIS SHEET IS A SUPPLEMENT
TO THE CONTRACT PLANS

DATE	DESIGNED BY	CHECKED BY
PLANNED BY	TRACED BY	QUANTITIES BY
NOTED BY	NOTED BY	CHECKED BY
ORIGINAL	NOTE BOOK	No.

