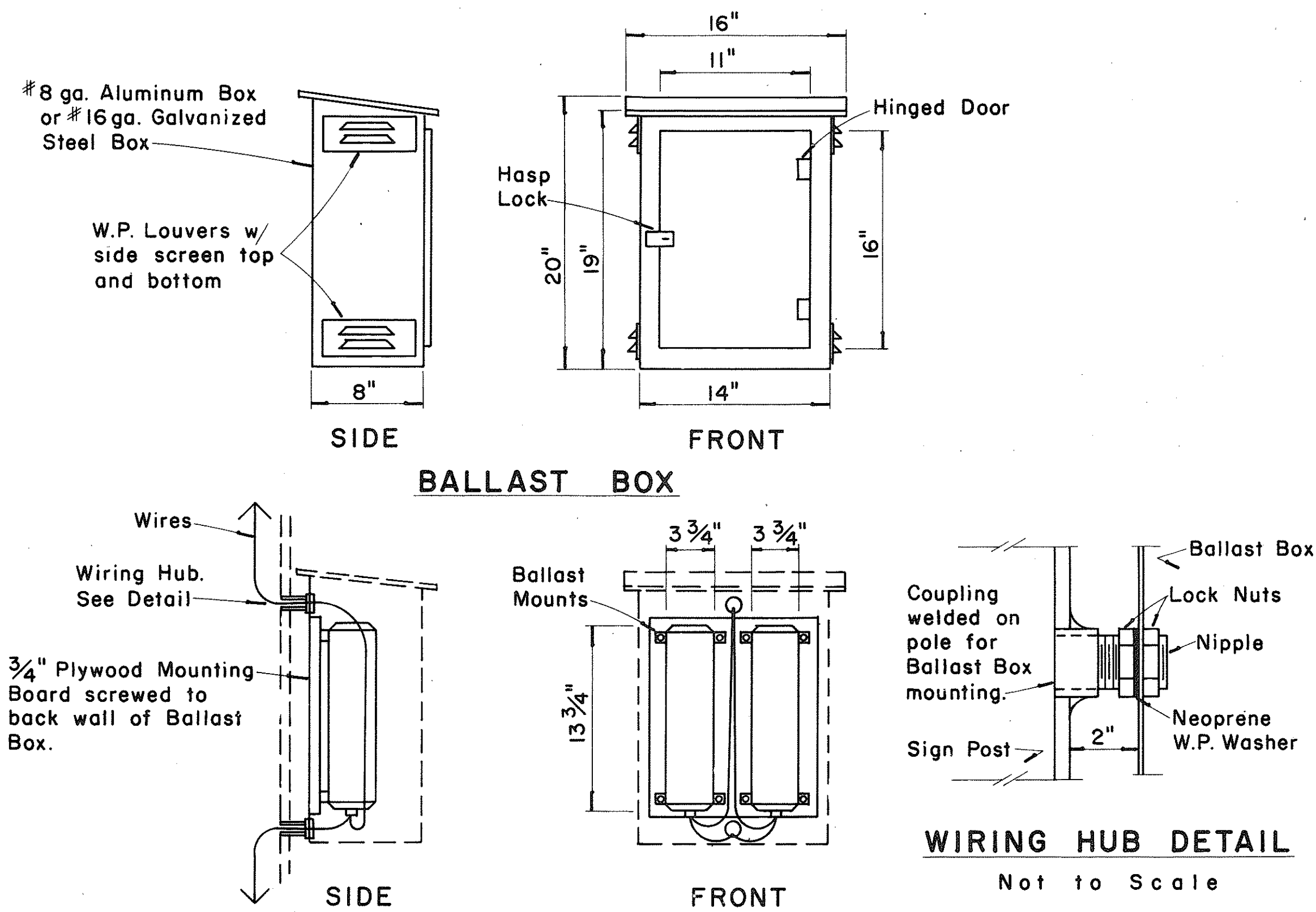
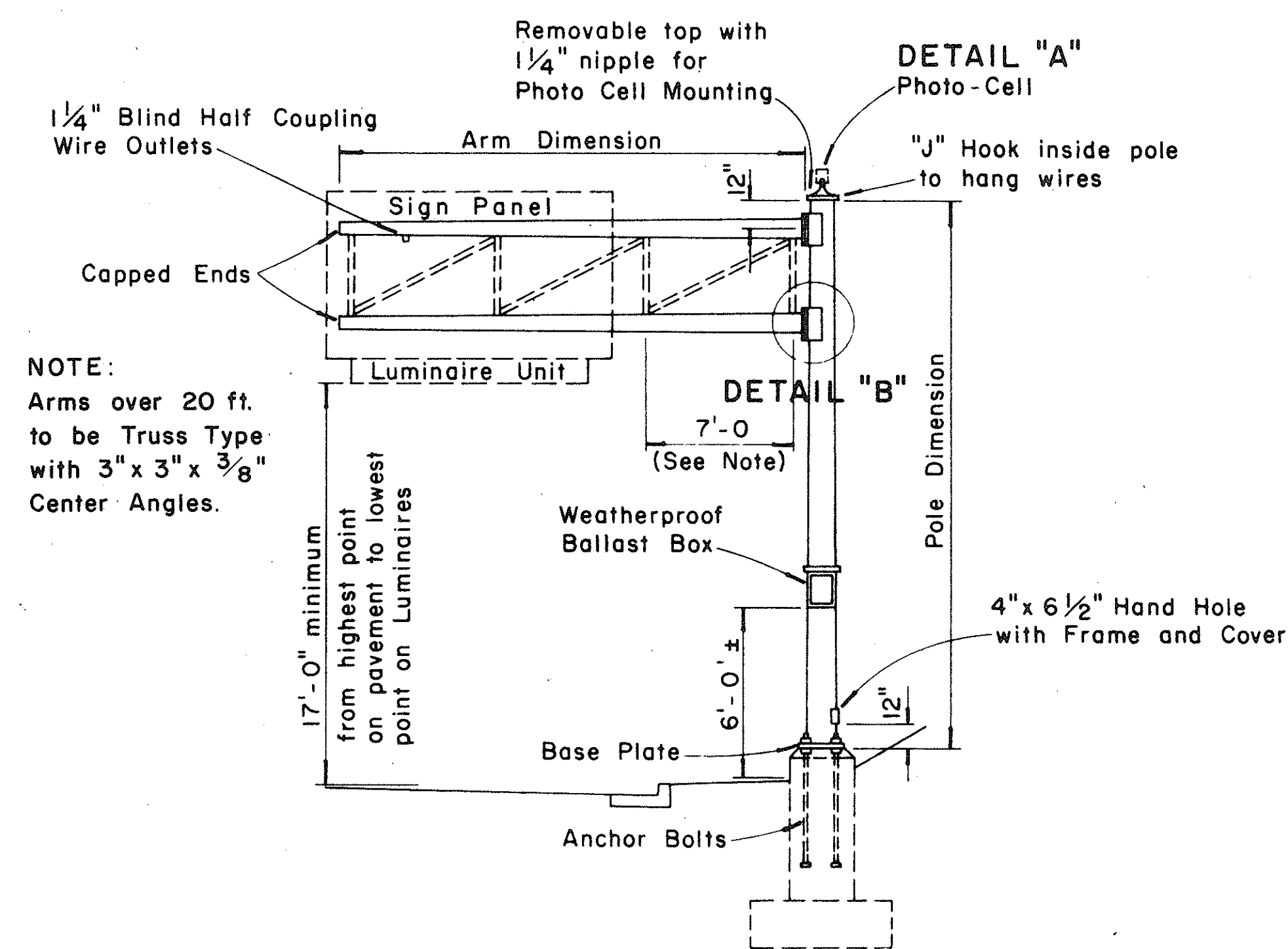


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-1-1(57)10	1971	105	171



WEATHERPROOF BALLAST BOX

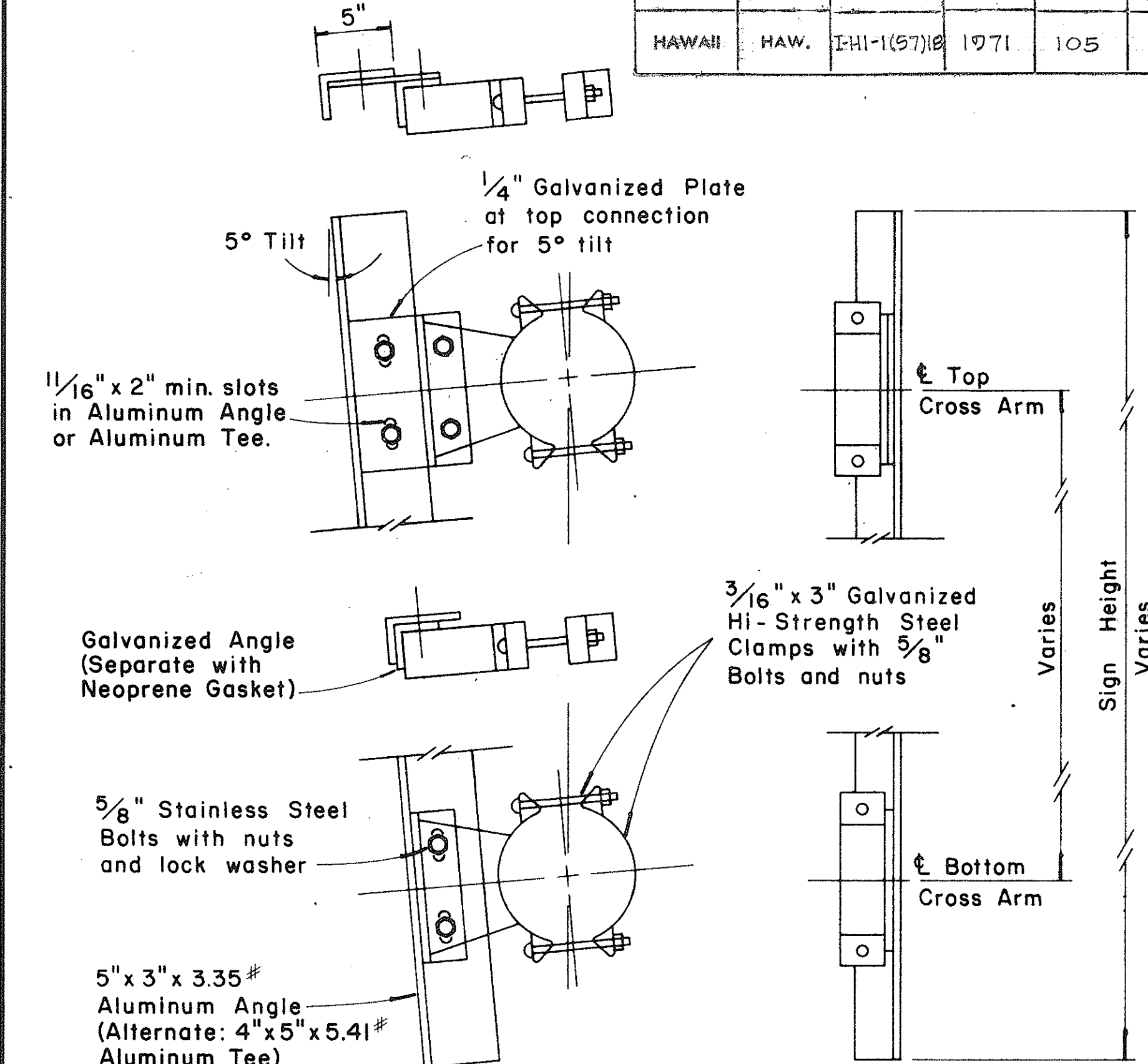
Scale: 1 1/2" = 1' - 0"



TYPE "C" **SINGLE SIGN POST — CANTILEVER TYPE**

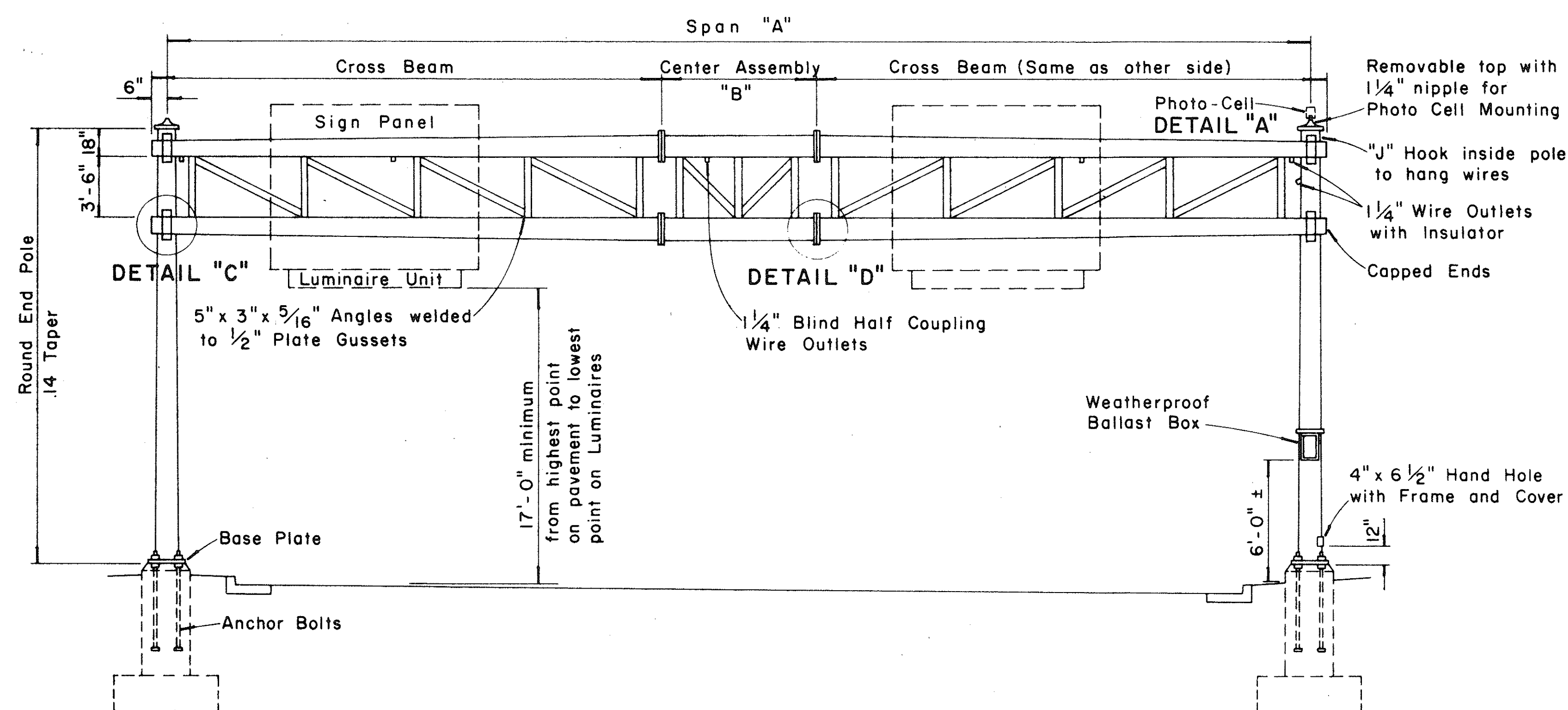
DOUBLE MAST ARM

Scale: 3/16" = 1' - 0"



SIGN BRACKET ASSEMBLY

Scale: 1 1/2" = 1' - 0"



TYPE "D"

TWO-TUBE TRUSS — SPAN TYPE

Scale: 3/16" = 1' - 0"

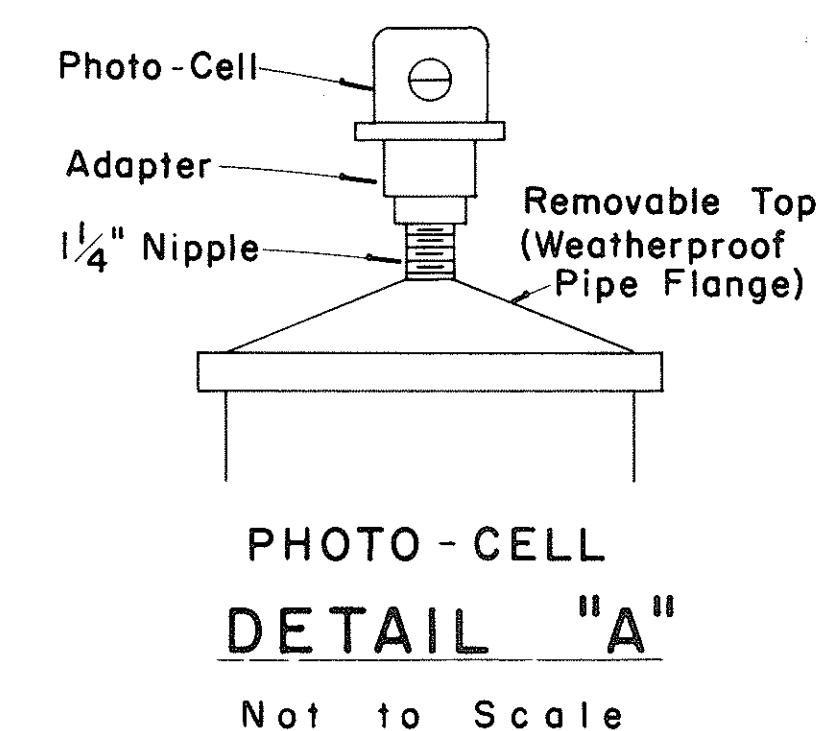
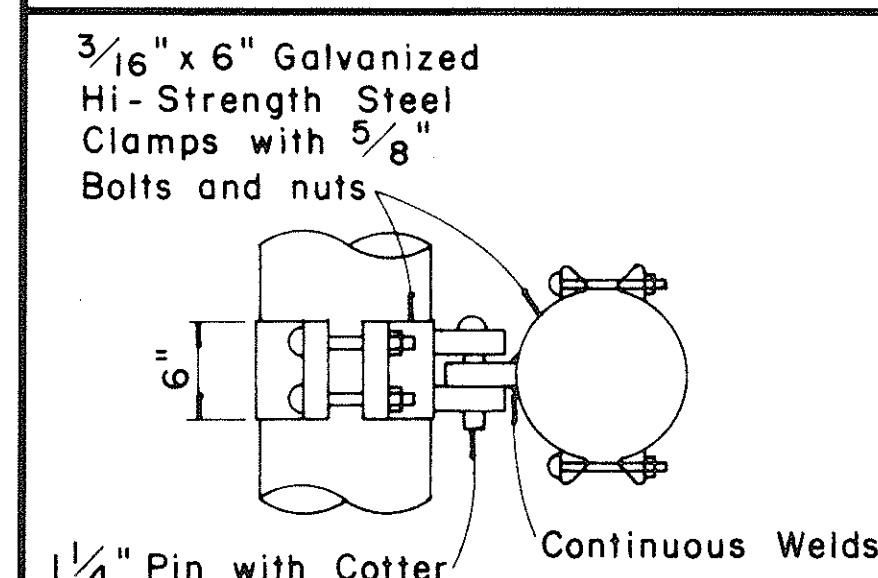


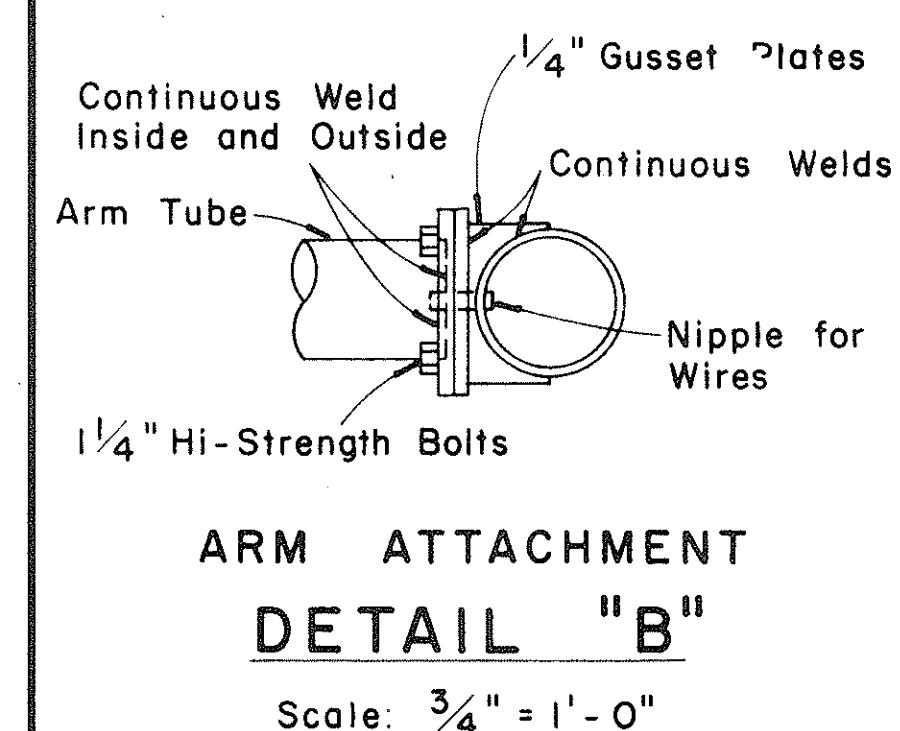
PHOTO-CELL DETAIL "A"

Not to Scale



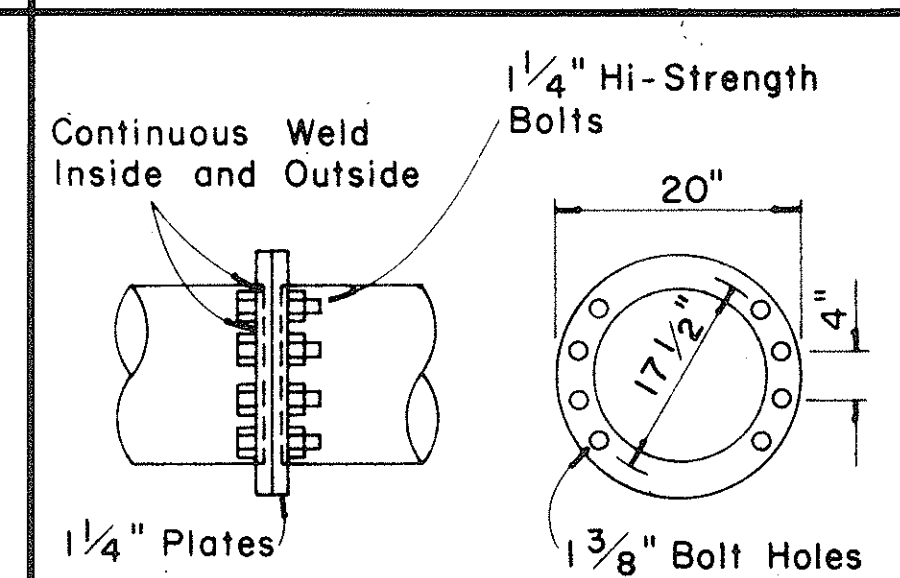
BEAM CLAMP DETAIL "C"

Scale: 1" = 1' - 0"



ARM ATTACHMENT DETAIL "B"

Scale: 3/4" = 1' - 0"



CENTER JOINT DETAIL "D"

Scale: 3/4" = 1' - 0"

APPROVAL RECOMMENDED:
Eishi Tanaka 12/27/62
TRAFFIC ENGINEER DATE

APPROVED:
William S. Saito 12-30-62
ASSISTANT CHIEF, ENGINEERING DATE

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

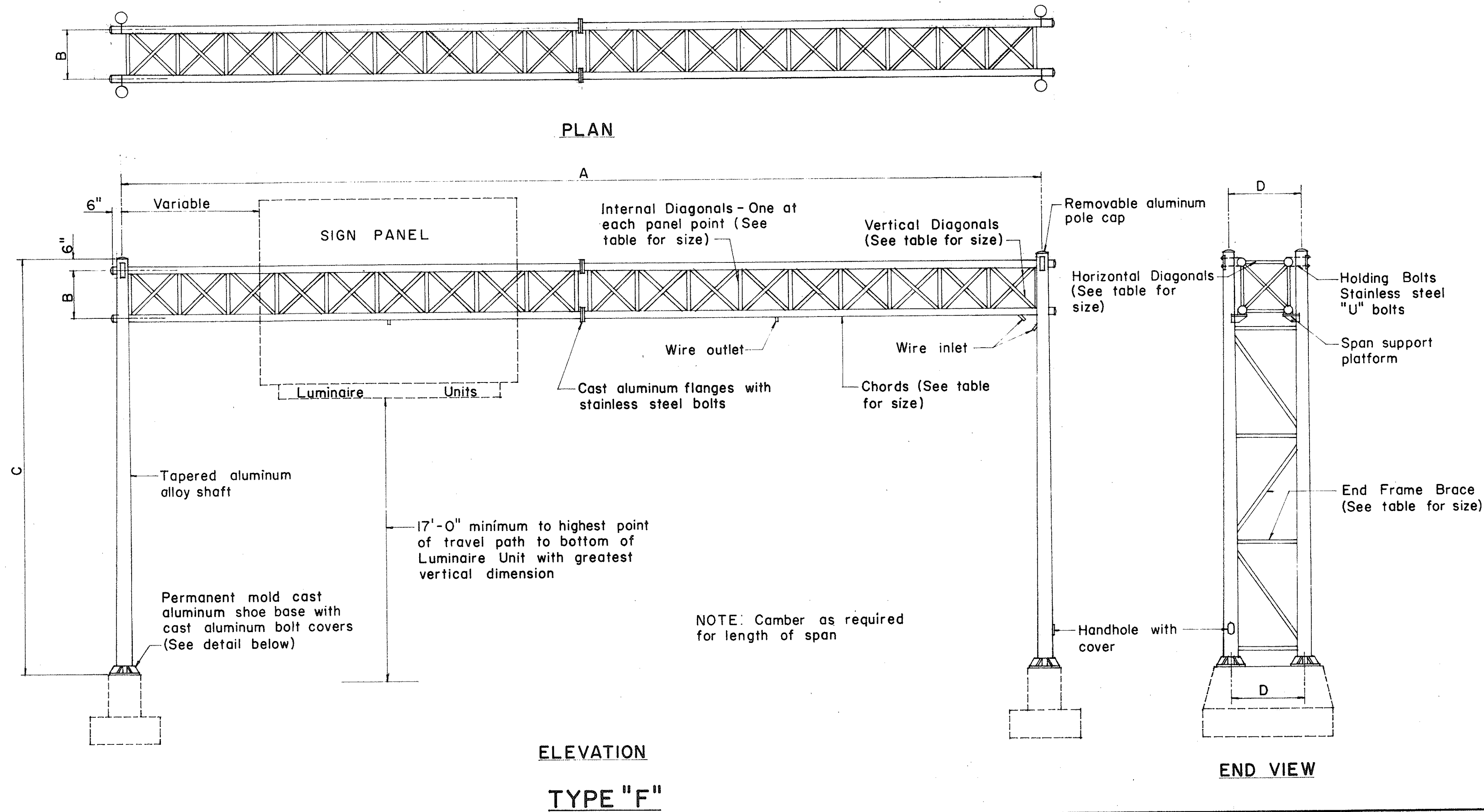
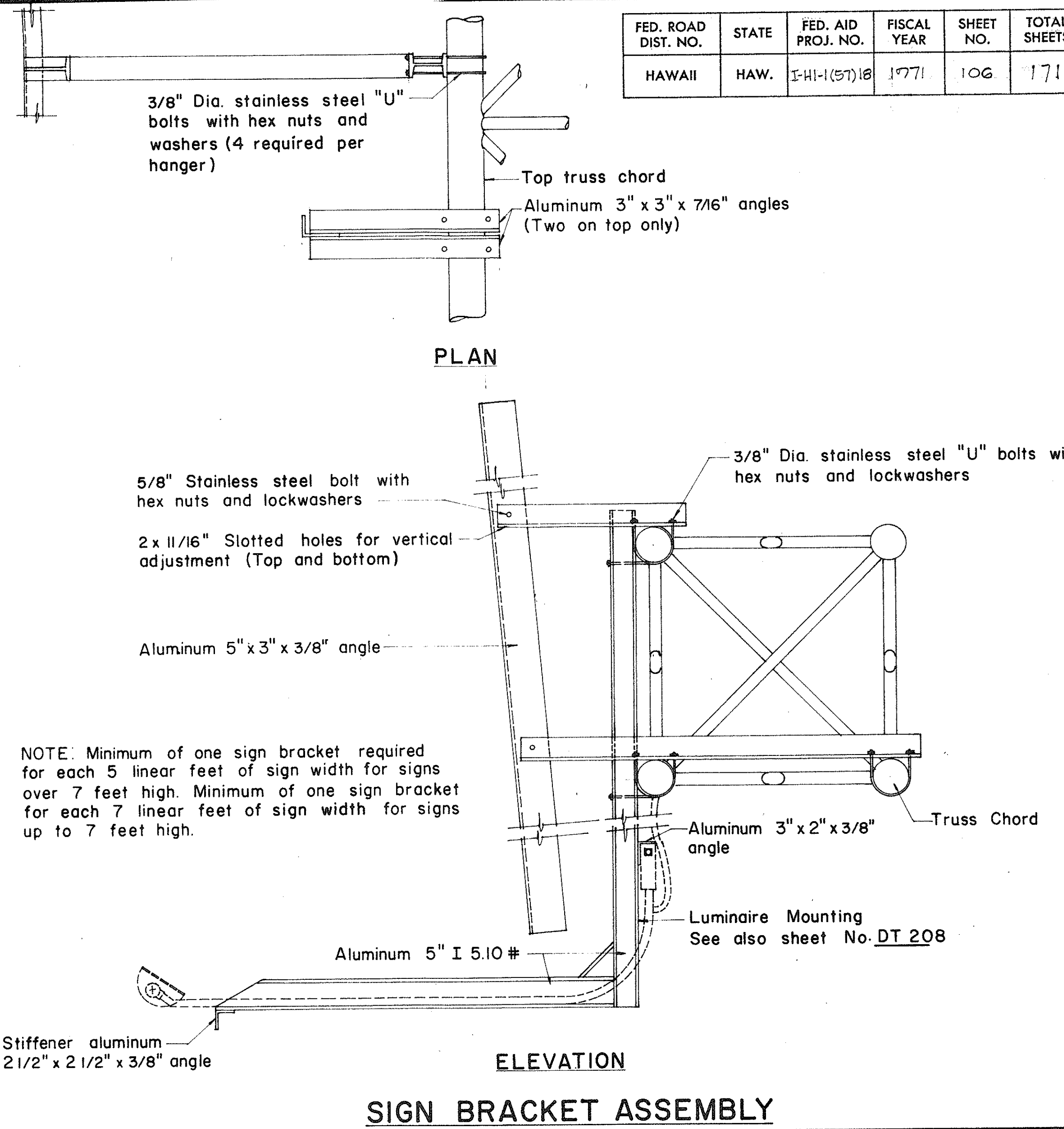
STANDARD DETAILS OVERHEAD SIGN SUPPORTS

Scale As Shown

SHEET No. 22 OF 32 SHEETS DT 200

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1-(57)18	1971	106	171



SIGN NO.	A	B	C	D	E	F	SPAN SECTIONS REQ'D.	CHORD SIZE	END FRAME SHAFT SIZE AND TAPER	VERTICAL DIAGONAL SIZE	HORIZONTAL DIAGONAL SIZE	INTERNAL DIAGONAL SIZE	END FRAME BRACE SIZE	BOLT CIRCLE DIA.	ANCHOR

APPROVAL RECOMMENDED:

Etschi Tanaka 12/20/ DATE

TRAFFIC ENGINEER

APPROVED:

Walter J. J. J. 12/20/ DATE

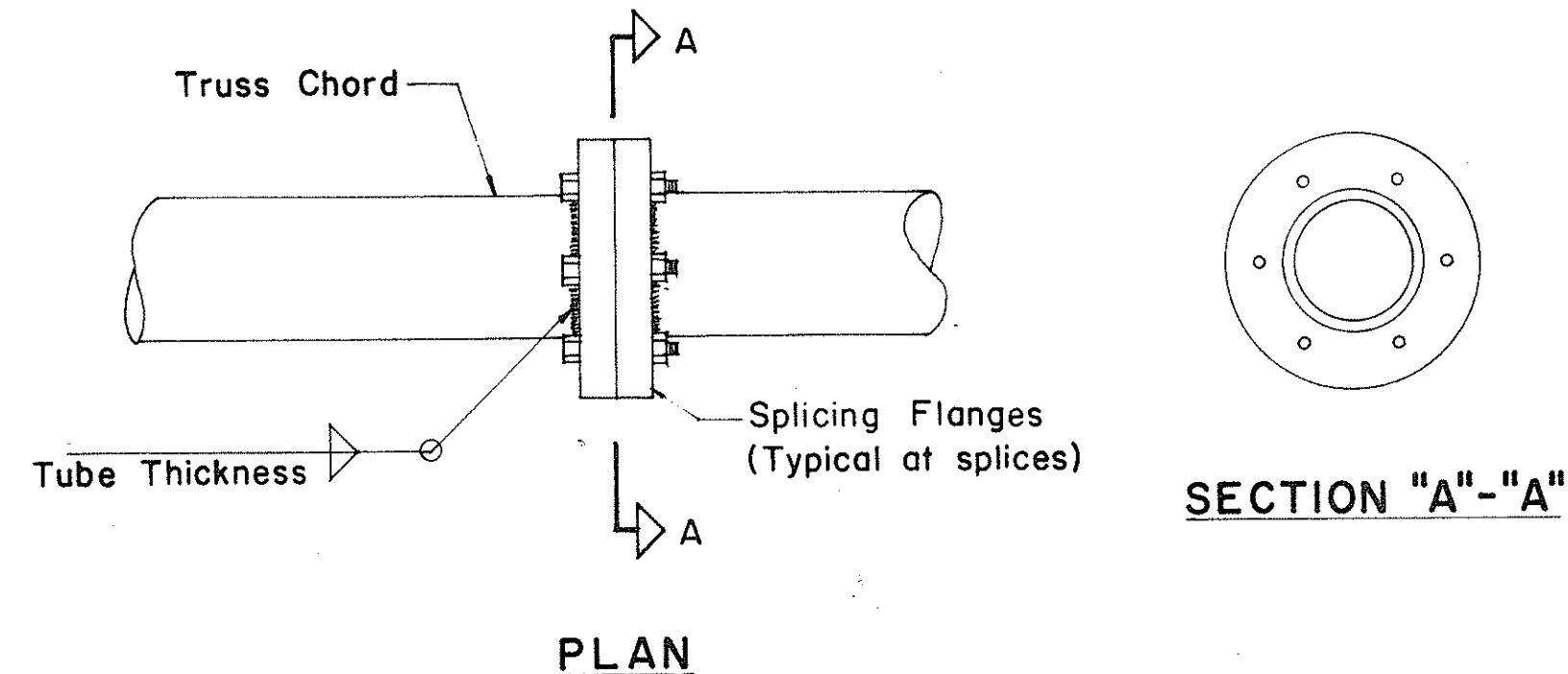
ASSISTANT CHIEF, ENGINEERING

NO.	REVISION	APPROVED BY	DATE

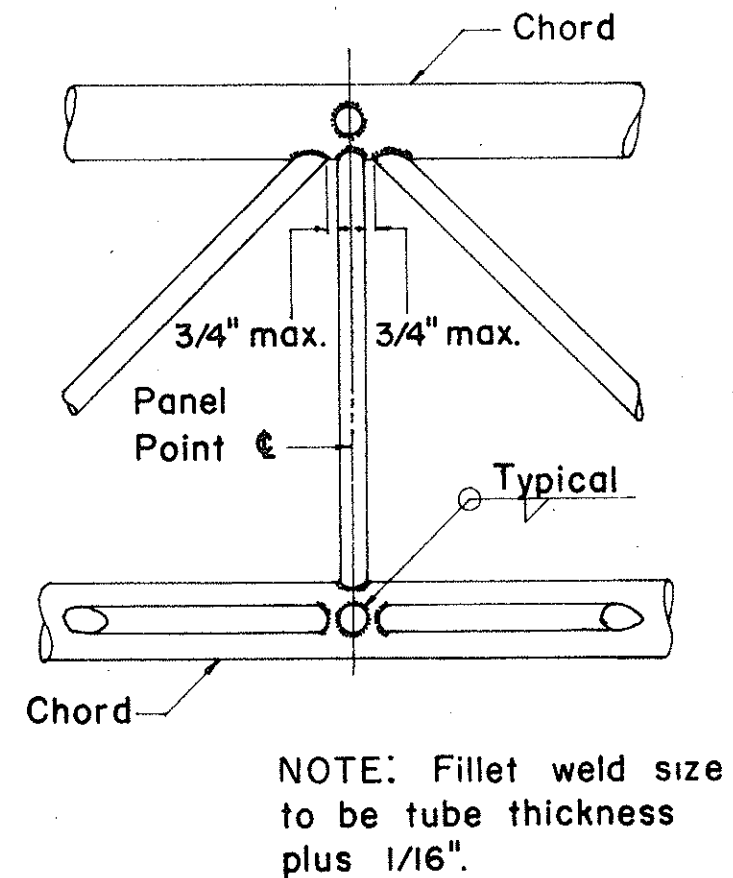
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPE "F"
OVERHEAD SIGN SUPPORT
BOX TRUSS TYPE
ALUMINUM

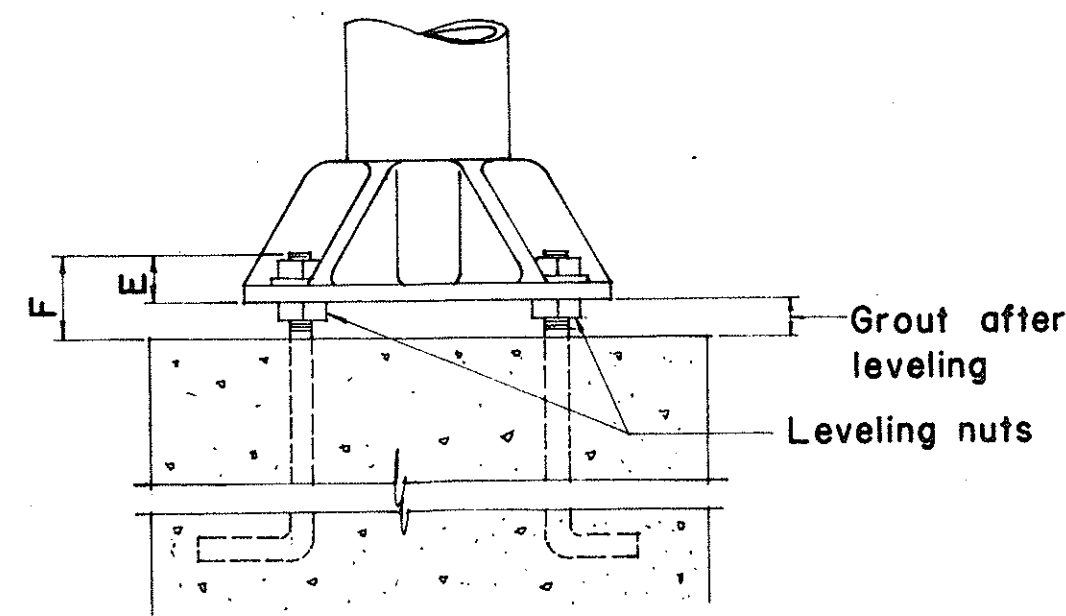
SHEET No. 23 OF 32 SHEETS DT 20



DETAIL OF CHORD SPLICES



TYPICAL JOINT DET.



DETAIL OF BASE

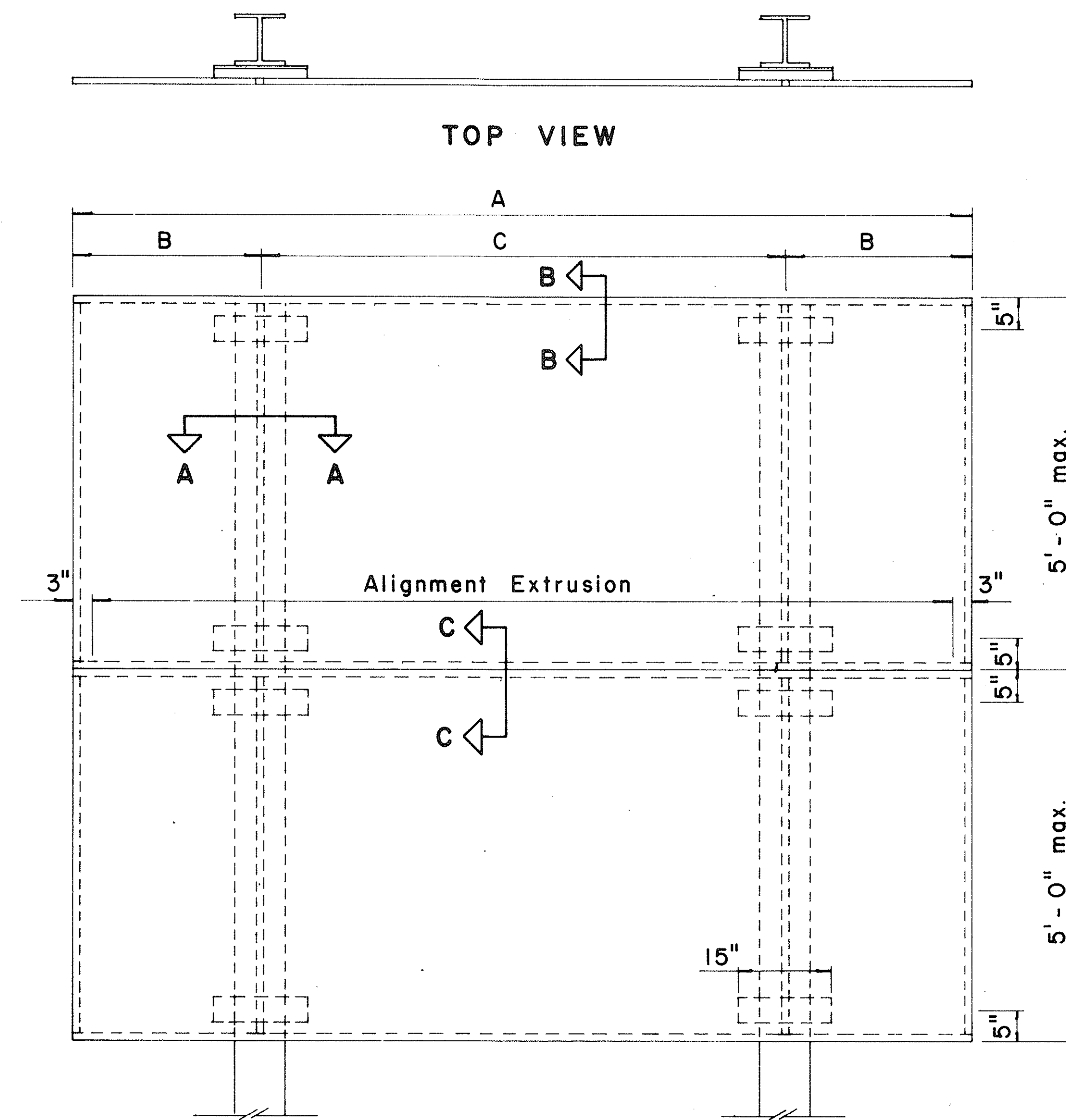
DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-41-1(57)18	1971	107	171

(GROUND MOUNTED SIGNS)

SUPPORT SPACING TABLE

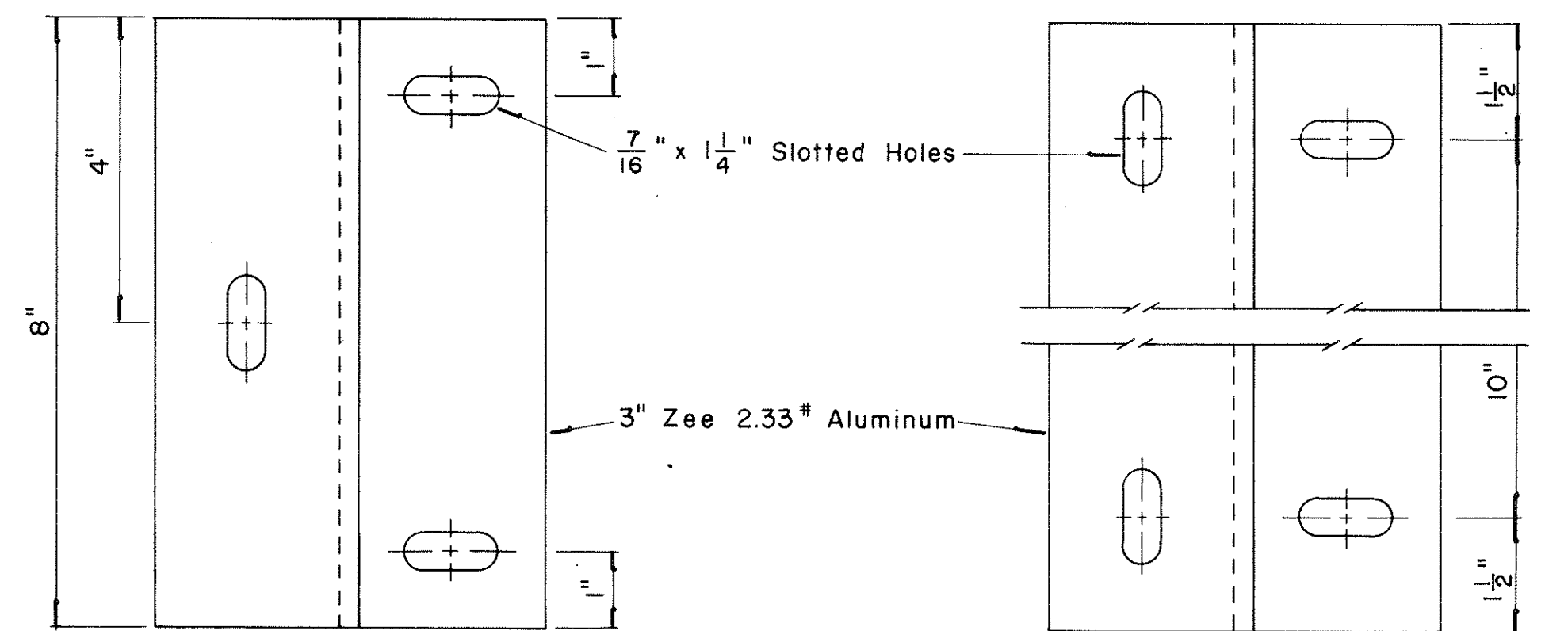
PANEL THICK.	LENGTH OF SIGN	NO. OF SUPPORTS	OVERHANG	SUPPORT SPACING
	A		B	C
1"	6' - 0"	2	12"	48"
1"	6' - 6"	2	15"	48"
1"	7' - 0"	2	15"	54"
1"	7' - 6"	2	18"	54"
1"	8' - 0"	2	18"	60"
1"	8' - 6"	2	20"	62"
1"	9' - 0"	2	22"	64"
1"	9' - 6"	2	23"	68"
1"	10' - 0"	2	24"	72"
1"	10' - 6"	2	24"	78"
1"	11' - 0"	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"



ELEVATION

TYPICAL SIGN ASSEMBLY

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

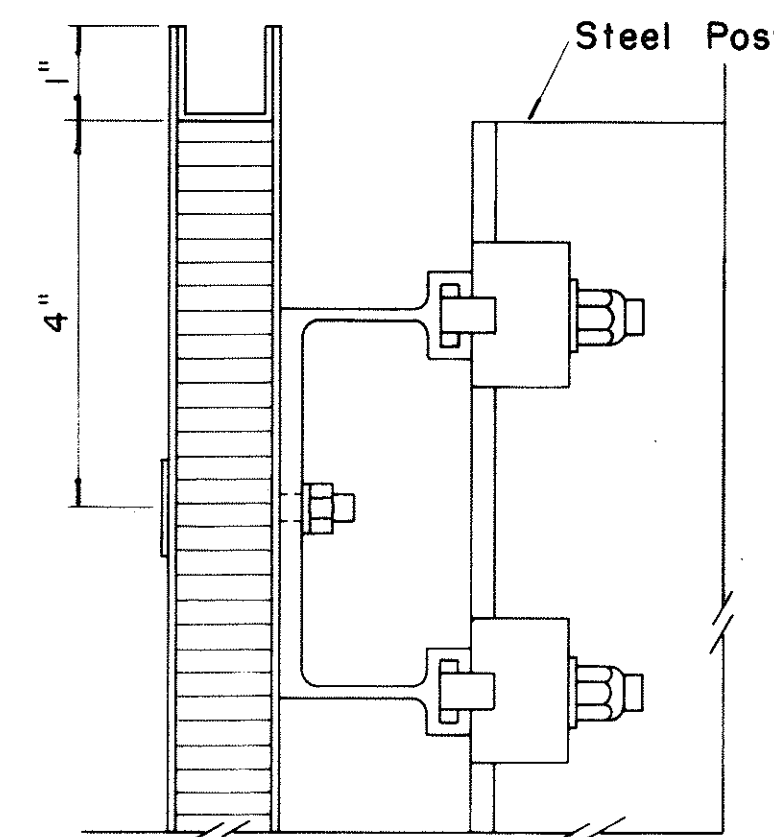


END MOUNTING

INTERMEDIATE MOUNTING

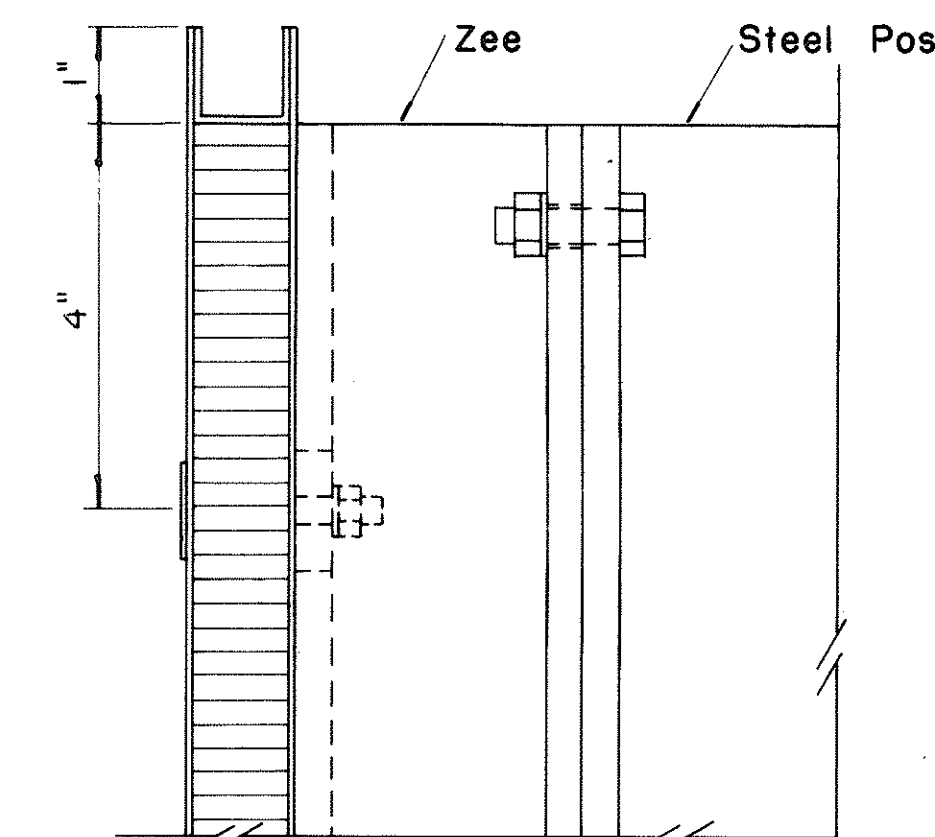
ZEE MOUNTING DETAILS

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



SECTION "B-B"

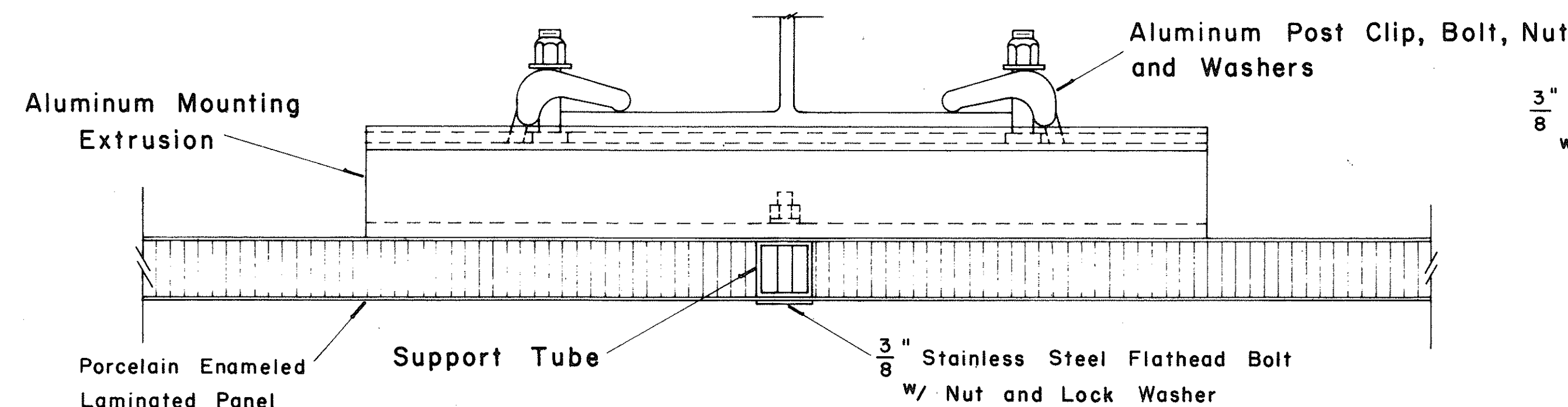
Scale: $\frac{1}{2}$ " = 1"



SECTION "B-B"

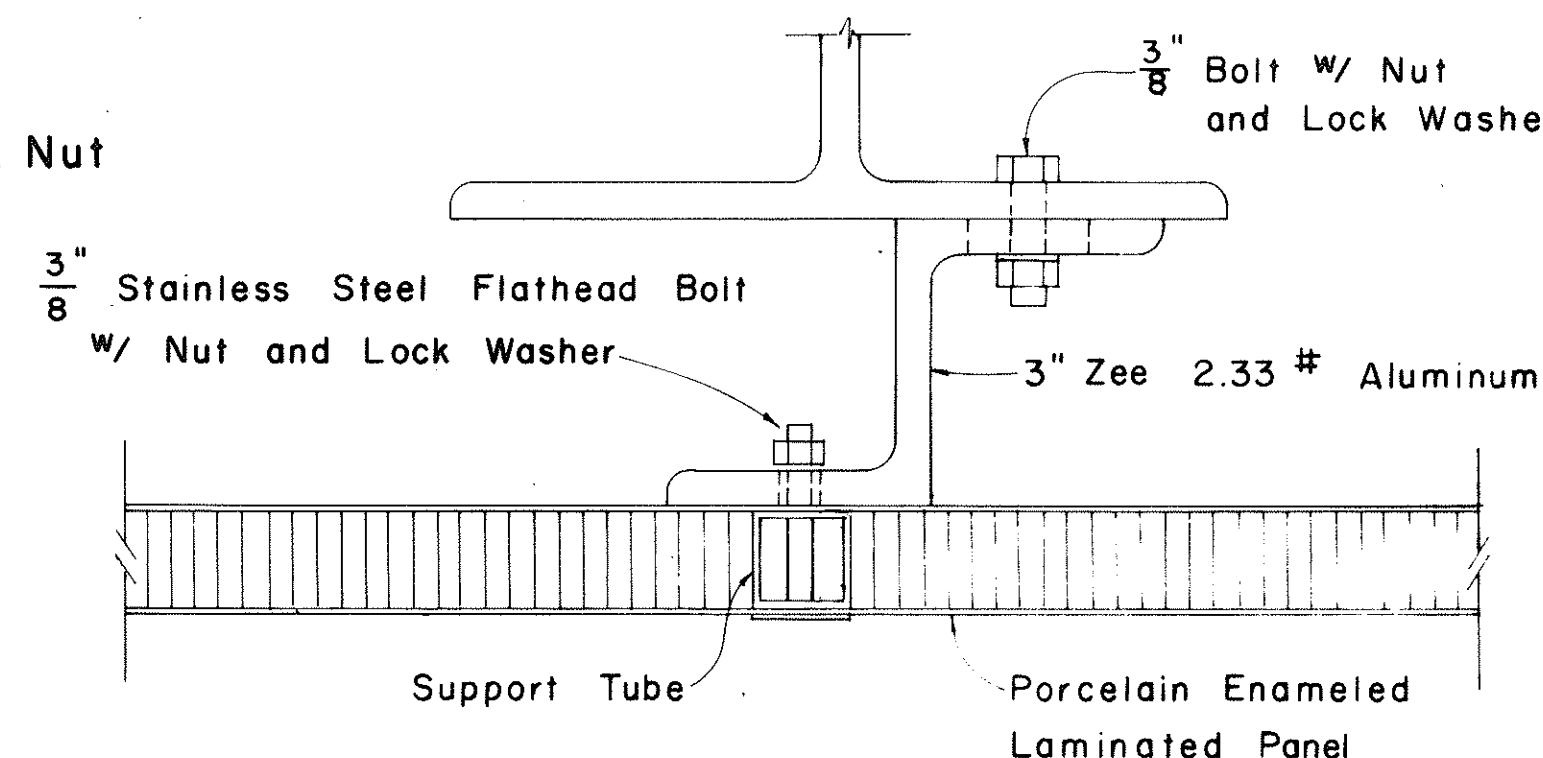
(Alternate)

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



SECTION "A-A"

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



SECTION "A-A"

(Alternate)

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

APPROVAL RECOMMENDED:

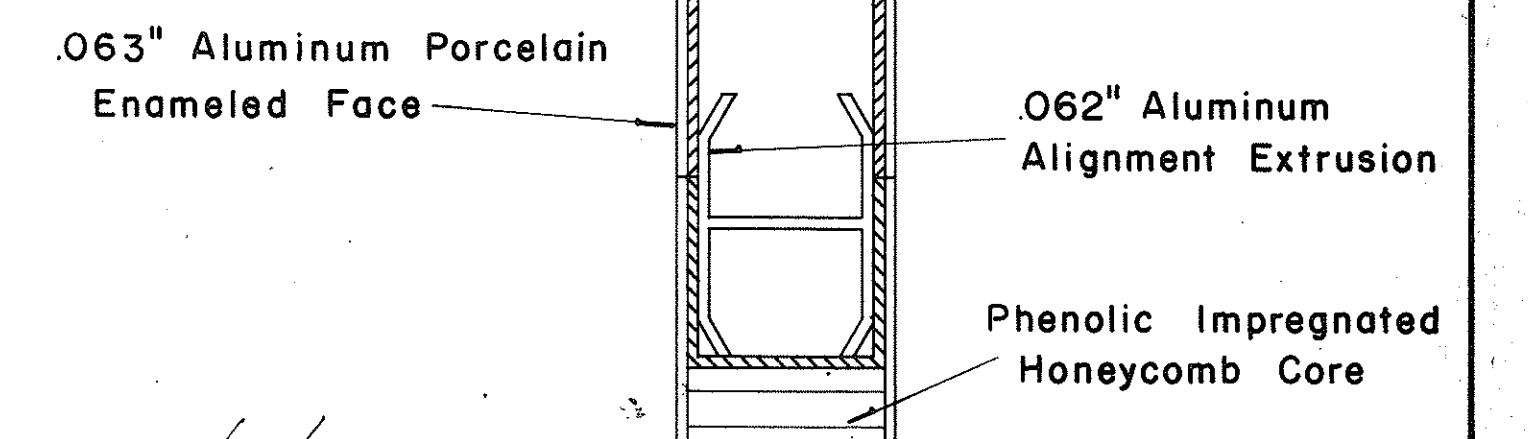
Erich Tanaka
TRAFFIC ENGINEER

12/29/69
DATE

APPROVED:

John S. S. S.
ASSISTANT CHIEF, ENGINEERING

12-30-69
DATE



CLOSURE DETAIL
SECTION "C-C"

FULL SCALE

NO.	REVISION	APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
LAMINATED ALUMINUM
SIGN PANELS
(GROUND MOUNTED)

Scale: As Shown

SHEET No. 24 OF 32 SHEETS DT 206

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