

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-82M	1982	4	16

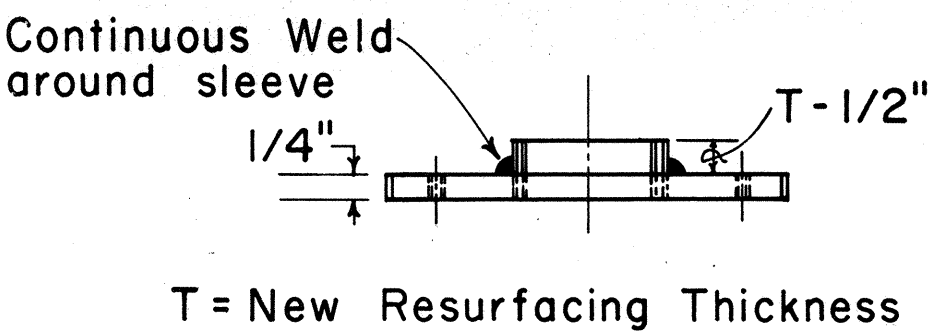


PLATE ELEVATION

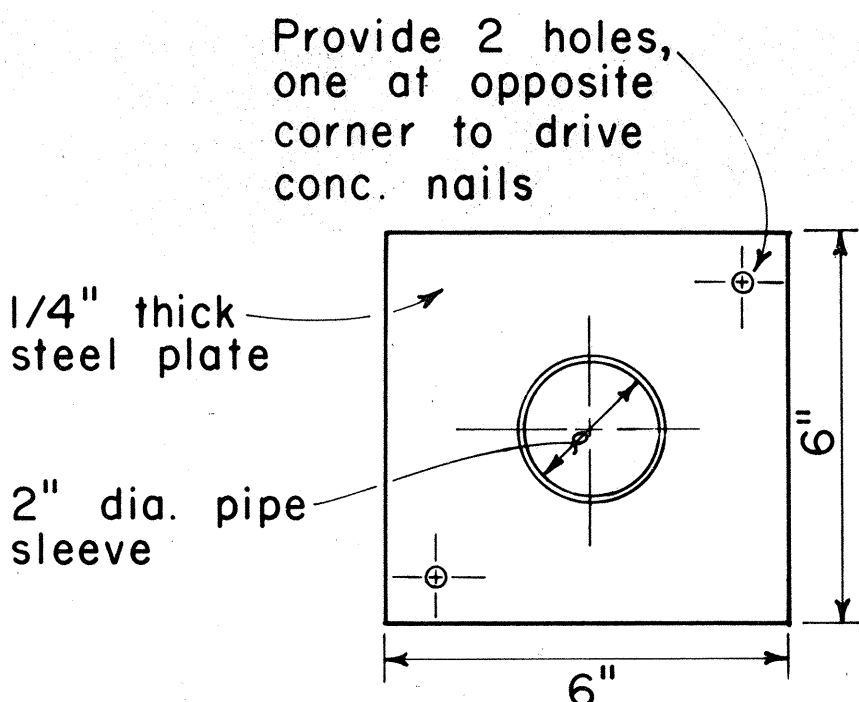
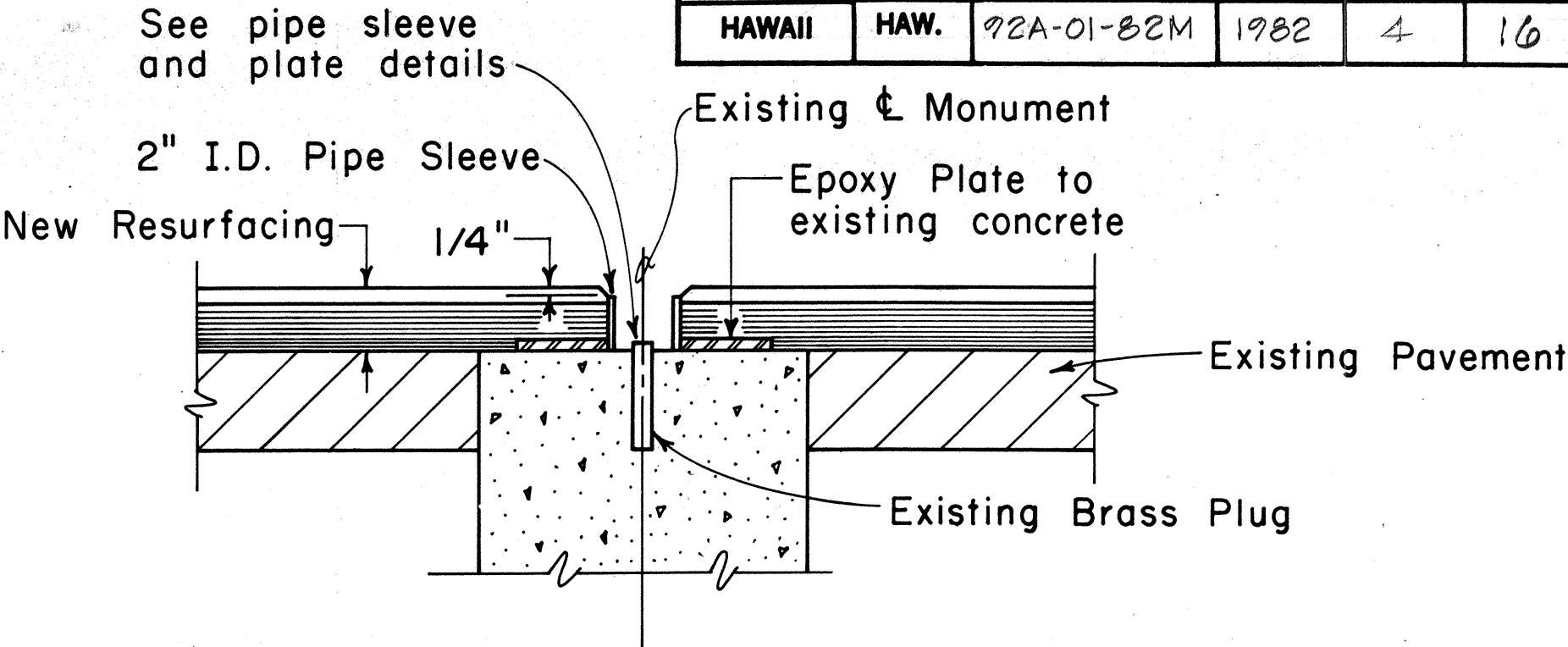


PLATE PLAN

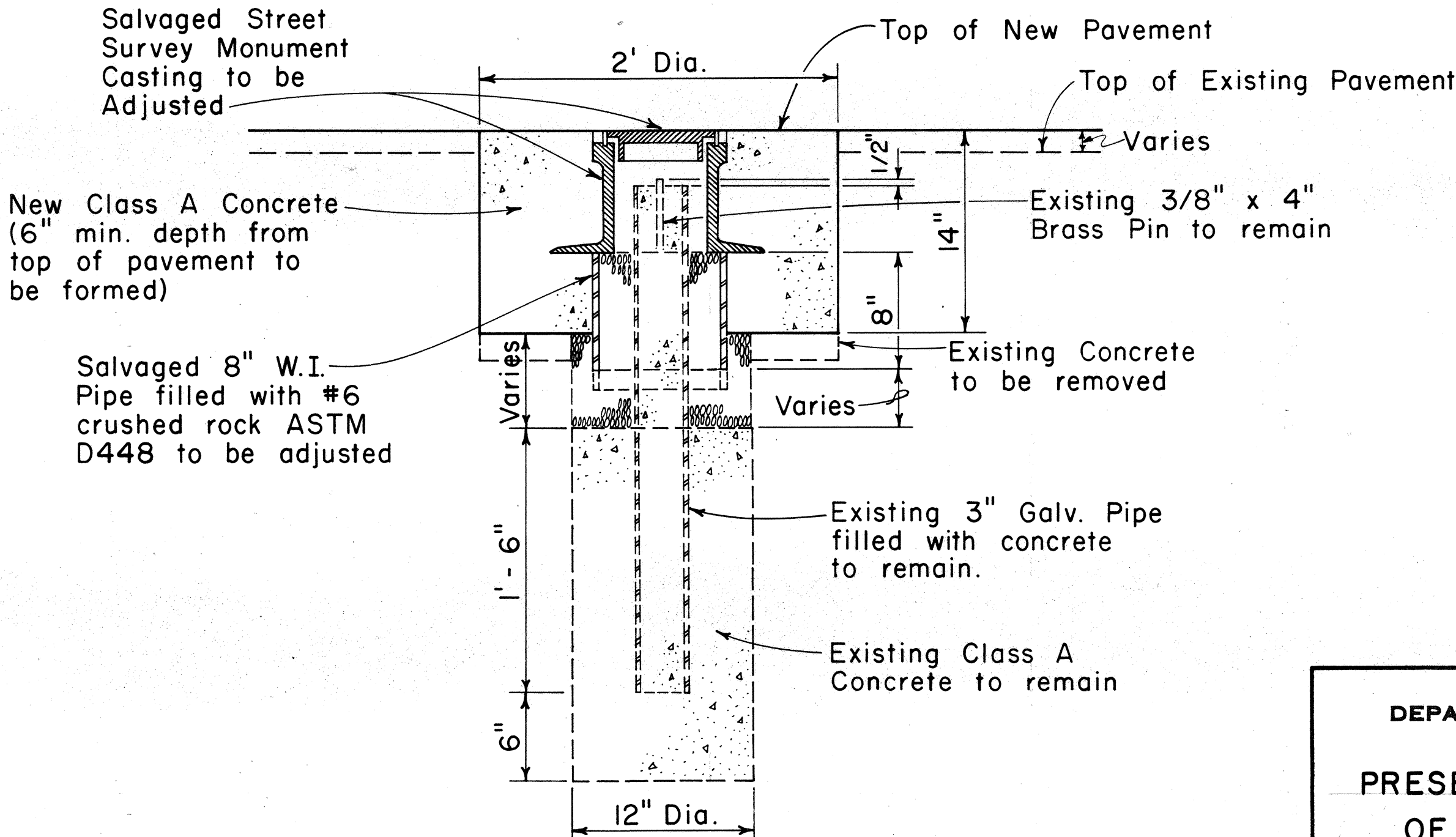


SECTION THRU MONUMENT

NOTE:
Adjustment of Centerline Monuments shall not be paid for separately, but shall be considered incidental to the various contract items.

DETAILS FOR PRESERVING CENTERLINE MONUMENT

Not to Scale



TYPICAL STREET SURVEY
MONUMENT ADJUSTMENT

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PRESERVING & ADJUSTMENT
OF MONUMENTS DETAIL
ALA MOANA BLVD. RESURFACING
Ala Wai Canal to Ena Road
PROJECT NO. 92A-01-82M
Scale as noted
SHEET NO. / OF / SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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LEGEND

- Lane Line - 4" white pavement marking tape w/ 2 ea. Type "A" Raised Pavement Markers.
- Type "C" Raised Pavement Marker
- Type "H" Raised Pavement Marker
- Channelizing Line - 8" white pavement marking tape w/ Type "C" Raised Pavement Markers 20'-0" oc.
- 4" yellow pavement marking tape w/ Type "H" Raised Pav't Markers 40'-0" oc. (12" yellow diagonal pav't marking tape as shown on plans).
- (Size & Color)
- Guide Lines - 4" pavement marking tape (color as shown on plans), solid or dashes.
- (Size & Color)
- Edge Stripe - 4" white paint.
- (No. of lanes)
- Crosswalk & Stop Line - white pavement marking tape (All Stop Lines shall be 5'-0" from Crosswalks unless otherwise noted).
- Pavement Arrow - white pavement marking tape.
- Gea. 6'x6' Vehicle Loop Detectors tied into exist. pullbox.

STREET NAME SIGN NOTES

- Street name sign (D3-1) shall conform to the latest FHWA publications: "Manual on Uniform Traffic Control Devices for Streets & Highways" and as amended "Standard Alphabets for Highway Signs".
- Letters: Series D Upper Case
Color: Letters } White Reflective Sheeting
Borders }
Background } Green Reflective Sheeting
Sign Panel: 0.100" TH. Sheet Aluminum
- If splicing of Sign Panel is necessary, contractor shall submit splice details to Engineer for approval.
- For Typical Frame Layout and Mounting Details see Plan Sht. # 0

LANE LINE DETAIL

Scale: 3/8" = 1'-0"

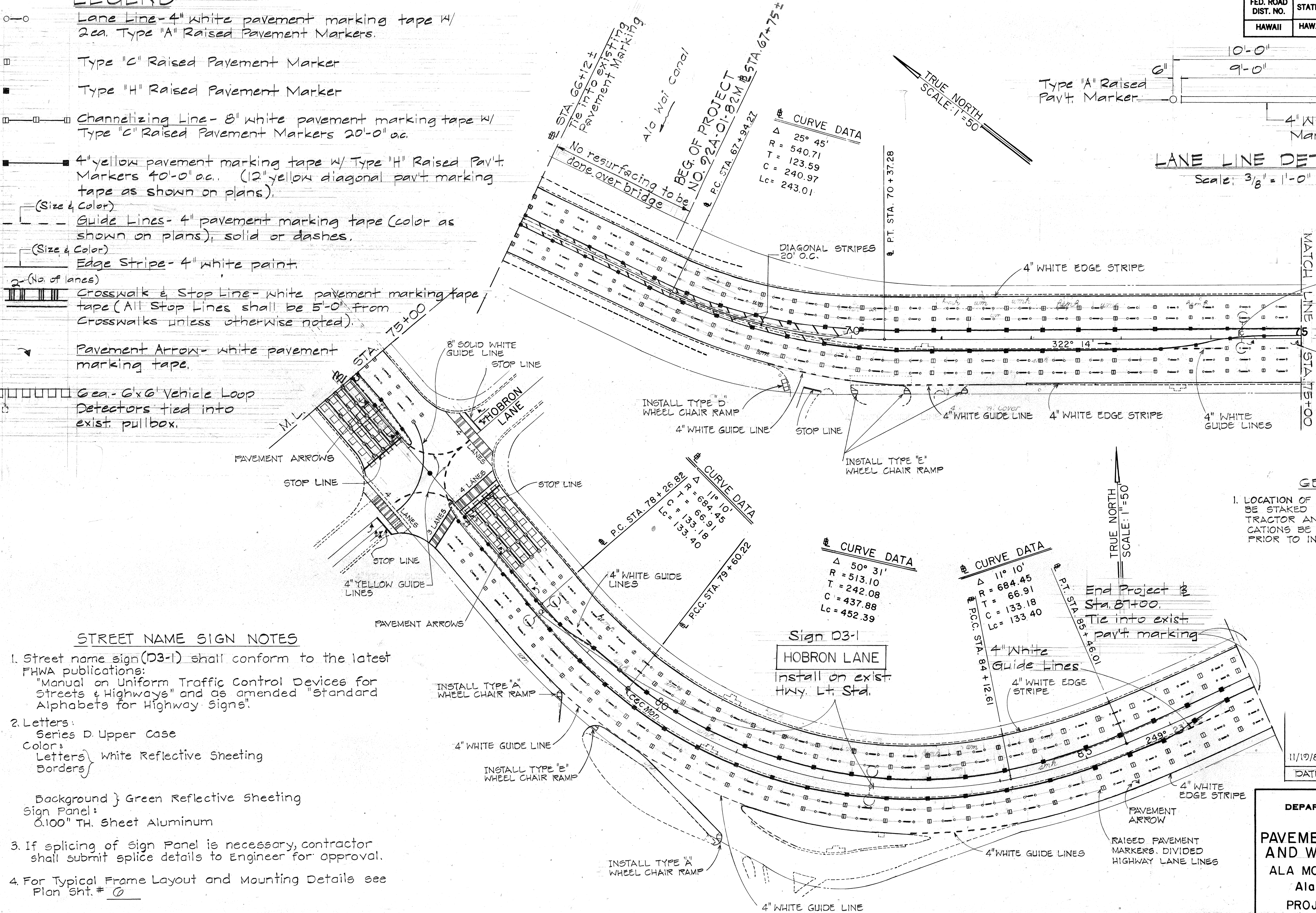
GENERAL NOTES

- LOCATION OF NEW PAVEMENT MARKINGS SHALL BE STAKED OUT IN THE FIELD BY THE CONTRACTOR AND APPROVAL OF THE EXACT LOCATIONS BE OBTAINED FROM THE ENGINEER PRIOR TO INSTALLATION.

11/19/81	INSTALL WHEELCHAIR RAMPS
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

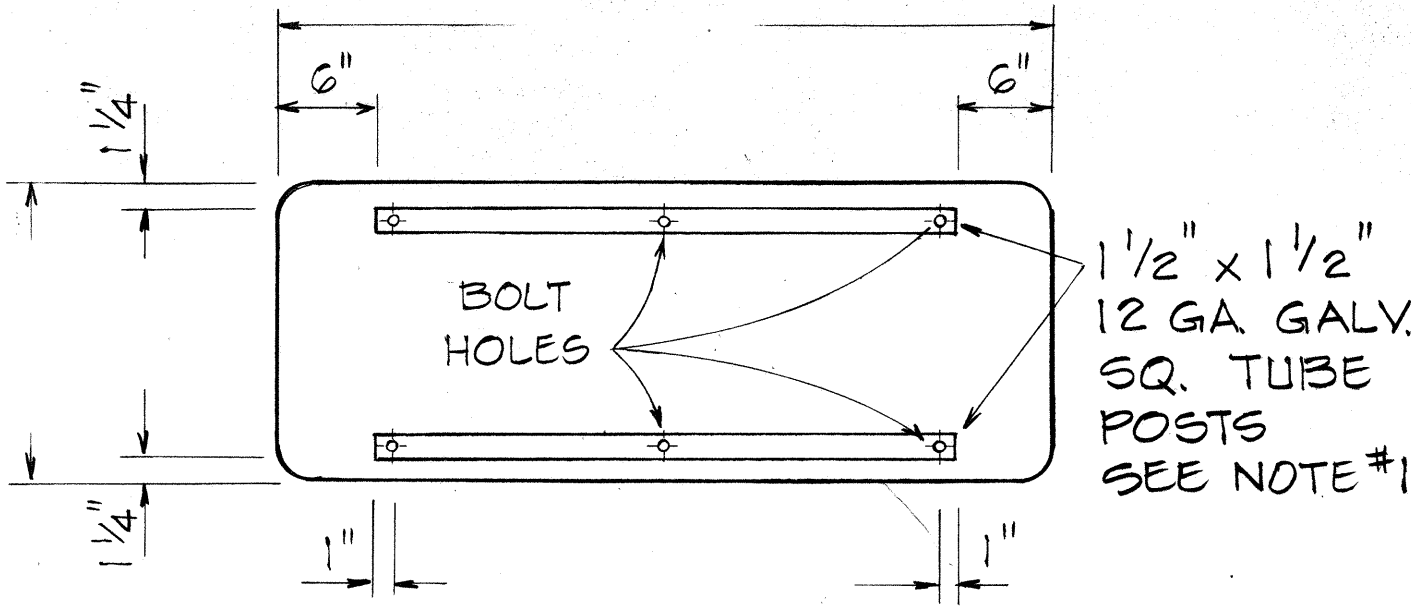
PAVEMENT MARKINGS, SIGNS,
AND WHEELCHAIR RAMPS
ALA MOANA BLVD. RESURFACING
Ala Wai Canal to Ena Road
PROJECT NO. 92A-01 - 82M
Scale as noted
SHEET NO. 1 OF 1 SHEETS



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	92A-01-82M	1982	6	16

NOTE:

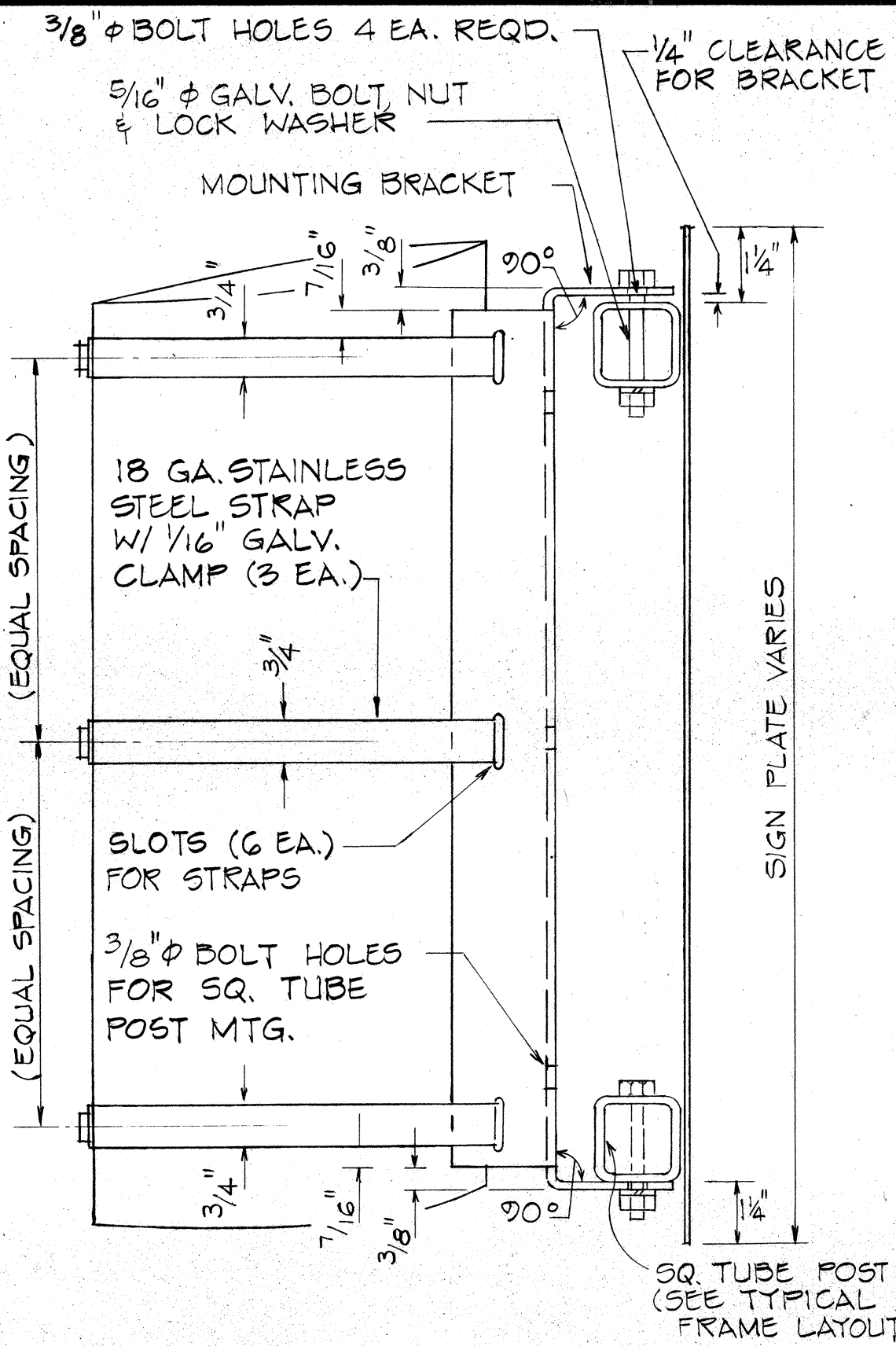
1. MATERIAL TO BE 12 GA. HOT ROLLED STEEL SHEET, LOW CARBON, COMMERCIAL QUALITY, SPECIFICATIONS QQS-636, GRADE 1010.
2. BRACKET TO BE HOT DIPPED GALV. AFTER FABRICATION PER SPECIFICATION ASTM-A-123-G8.
3. ALL BEND RADI TO BE 1/8".
4. DEBURR ALL SHARP EDGES.
5. TOLERANCES: DIMENSIONS, $\pm 1/32$ "
ANGLES, $\pm 0^{\circ}-30'$



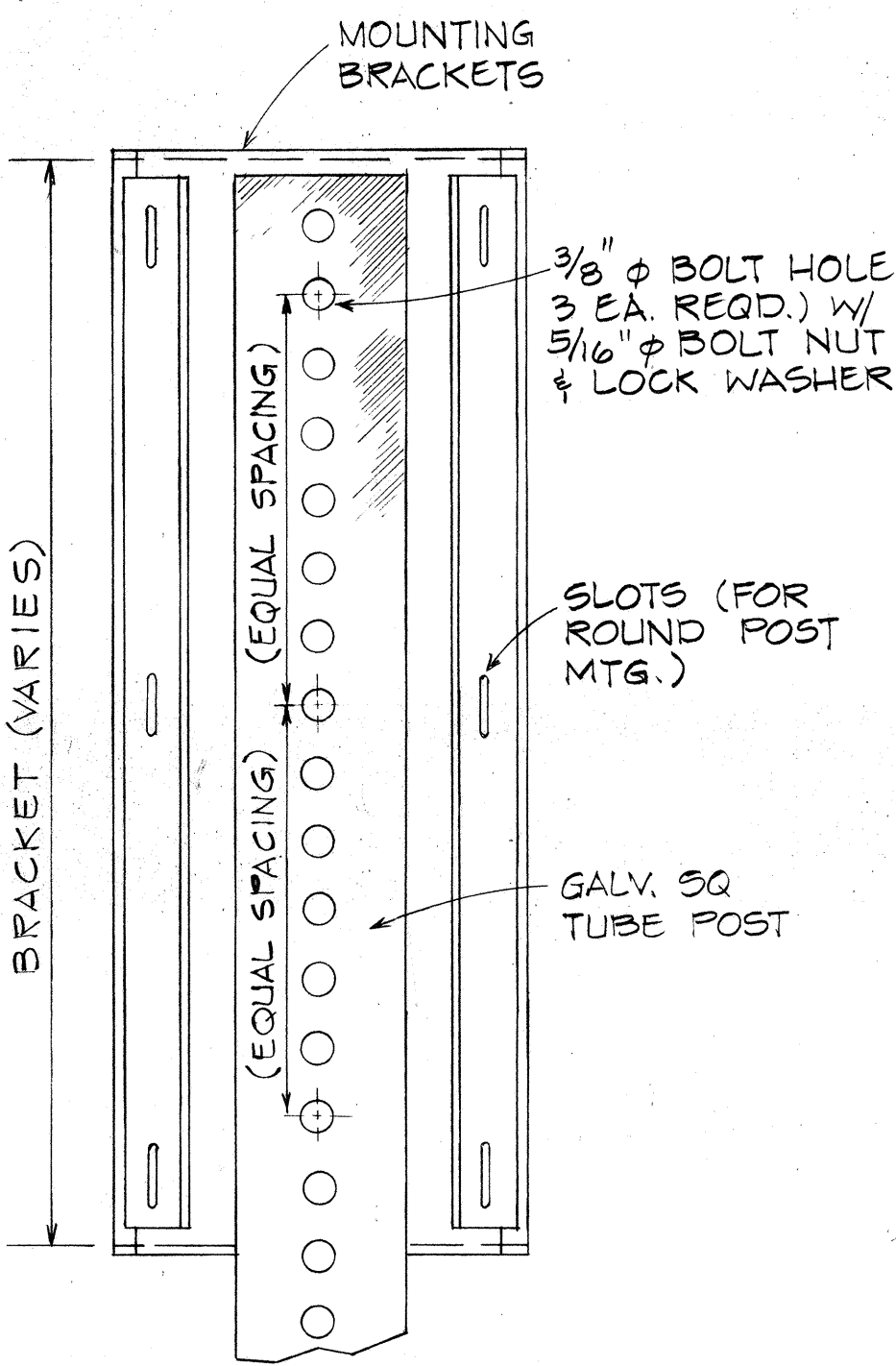
TYPICAL FRAME LAYOUT

Scale: 1"=1'-0"

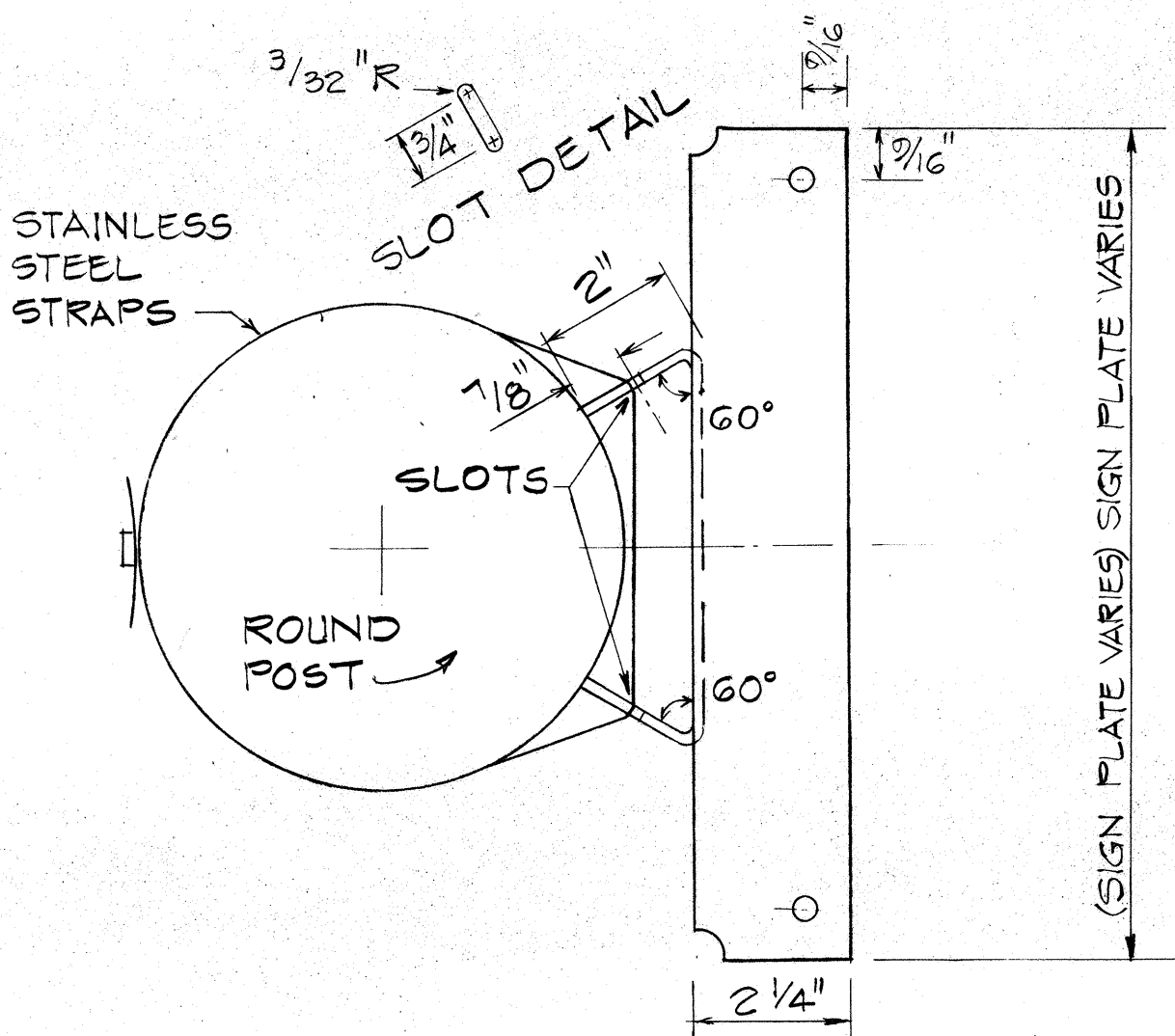
1. SQ. TUBE POSTS SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.
2. SIGN PANEL SHALL BE ATTACHED TO SQ. TUBE POST WITH 5/16" ϕ GALV. BOLT, NUT, LOCK WASHER & 7/8" X 0.06" STAINLESS STEEL FLAT WASHER WITH NEOPRENE RUBBER GASKET.



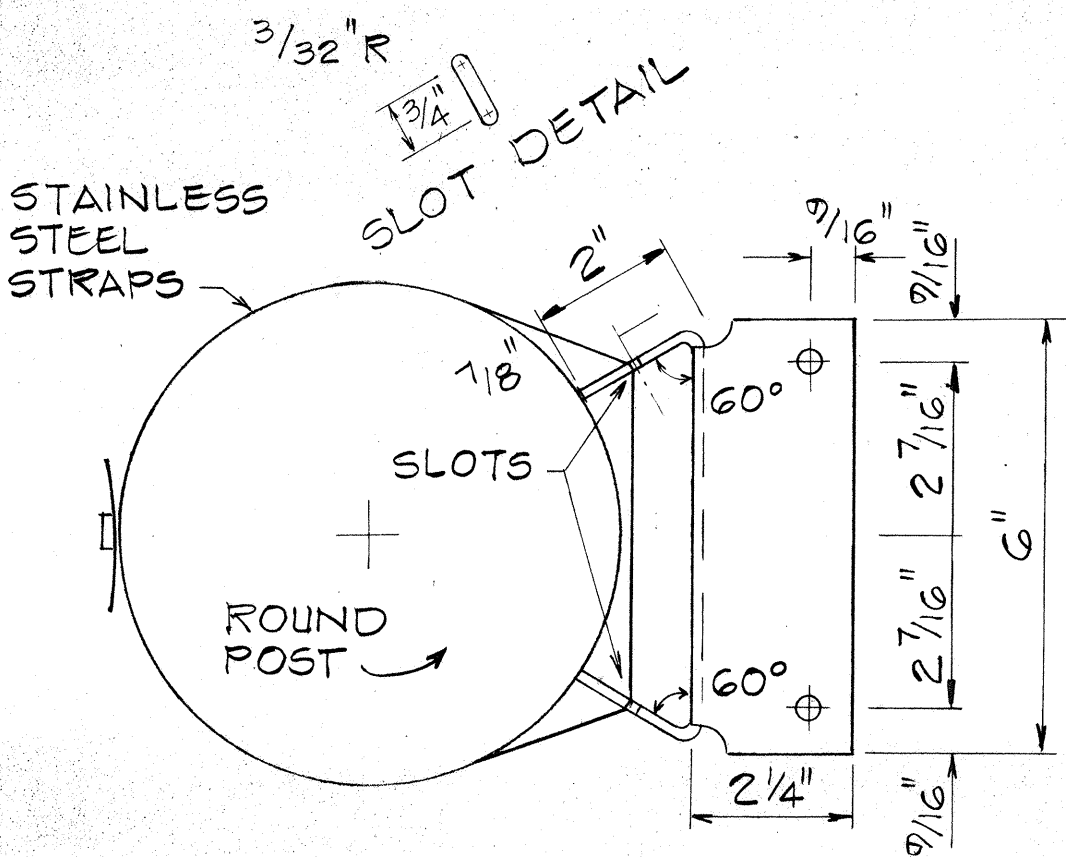
SIDE VIEW



SQ. TUBE POST MOUNTING
BACK VIEW

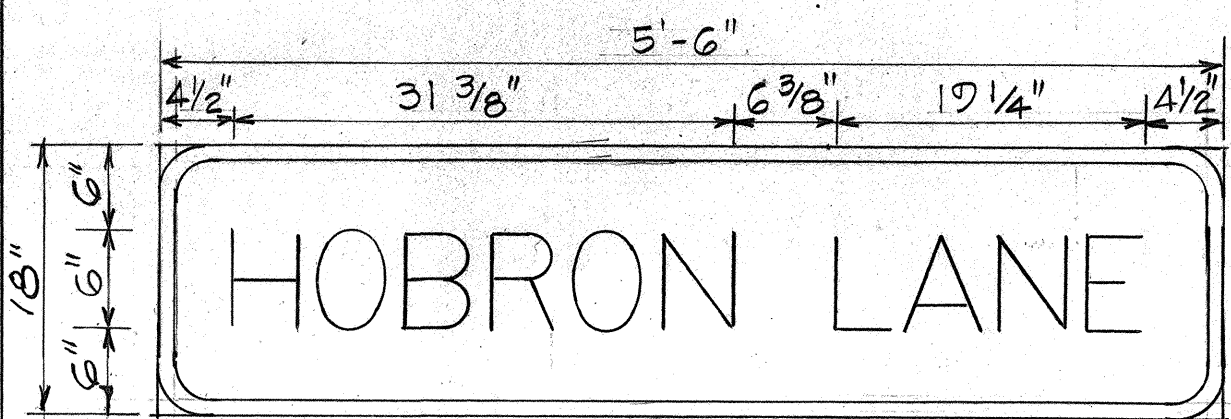
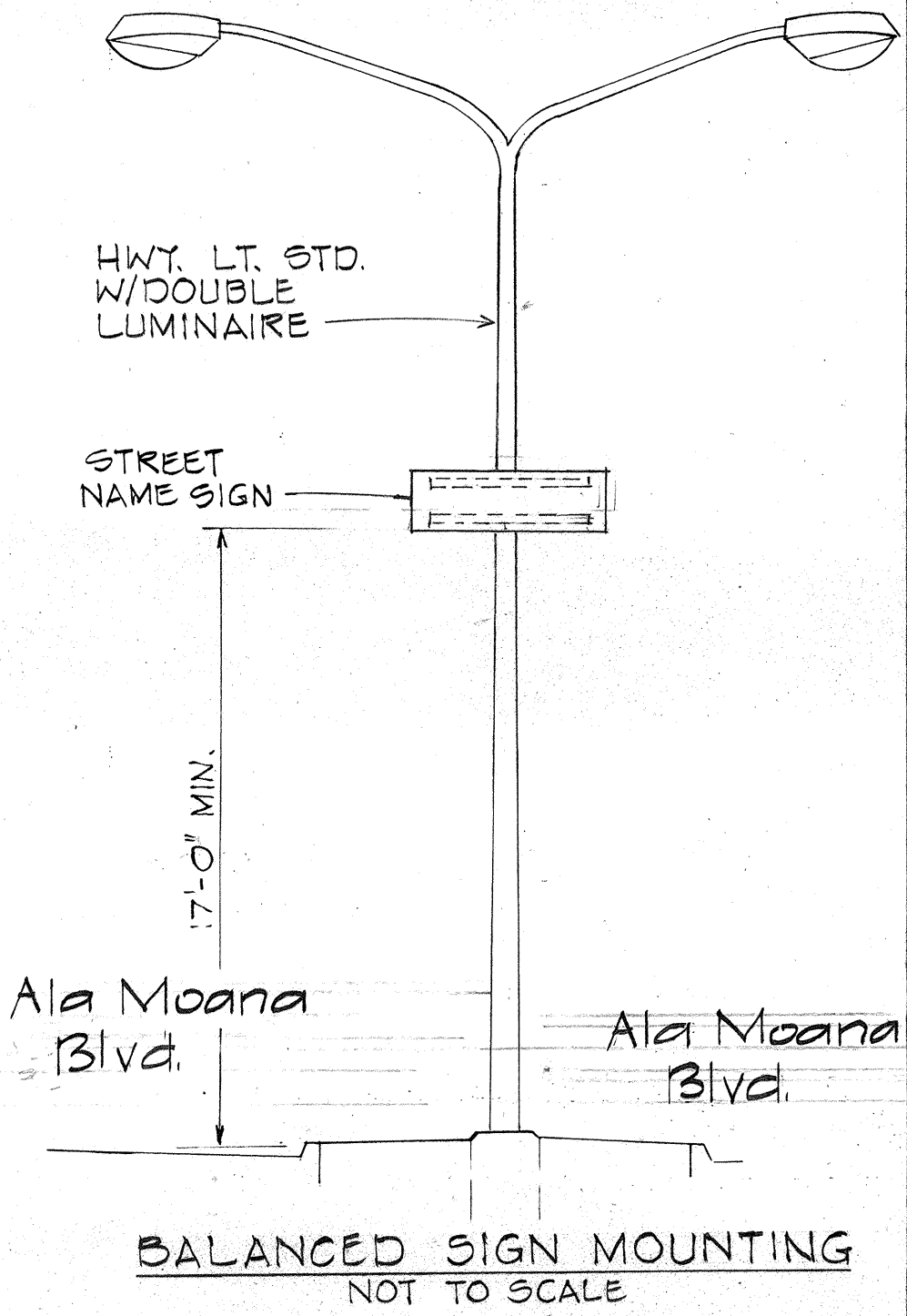


TOP VIEW
BALANCED SIGN



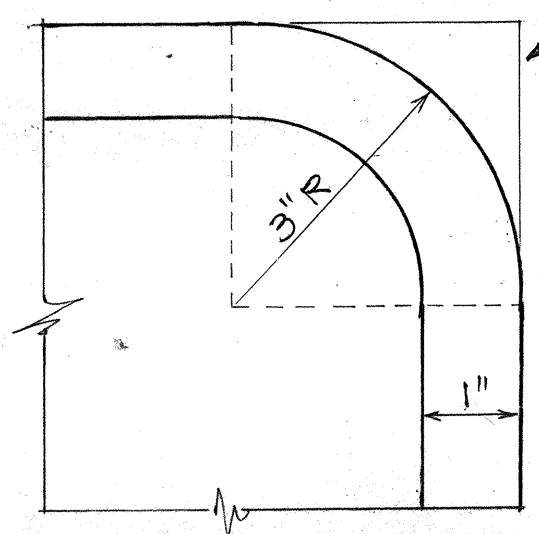
TOP VIEW
UNBALANCED SIGN

ROUND POST MOUNTING
NOT TO SCALE



NOTE:
For Street Name Sign panel notes
see plan sht. #

Area outside Corner
Radius need not be trimmed



BORDER DETAIL
Scale: 6"=1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADVANCE STREET NAME SIGN

ALA MOANA BLVD. RESURFACING
Ala Wai Canal to Ena Road
PROJECT NO. 92A-01-82M
Scale: as noted
SHEET NO. 1 OF 1 SHEETS

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