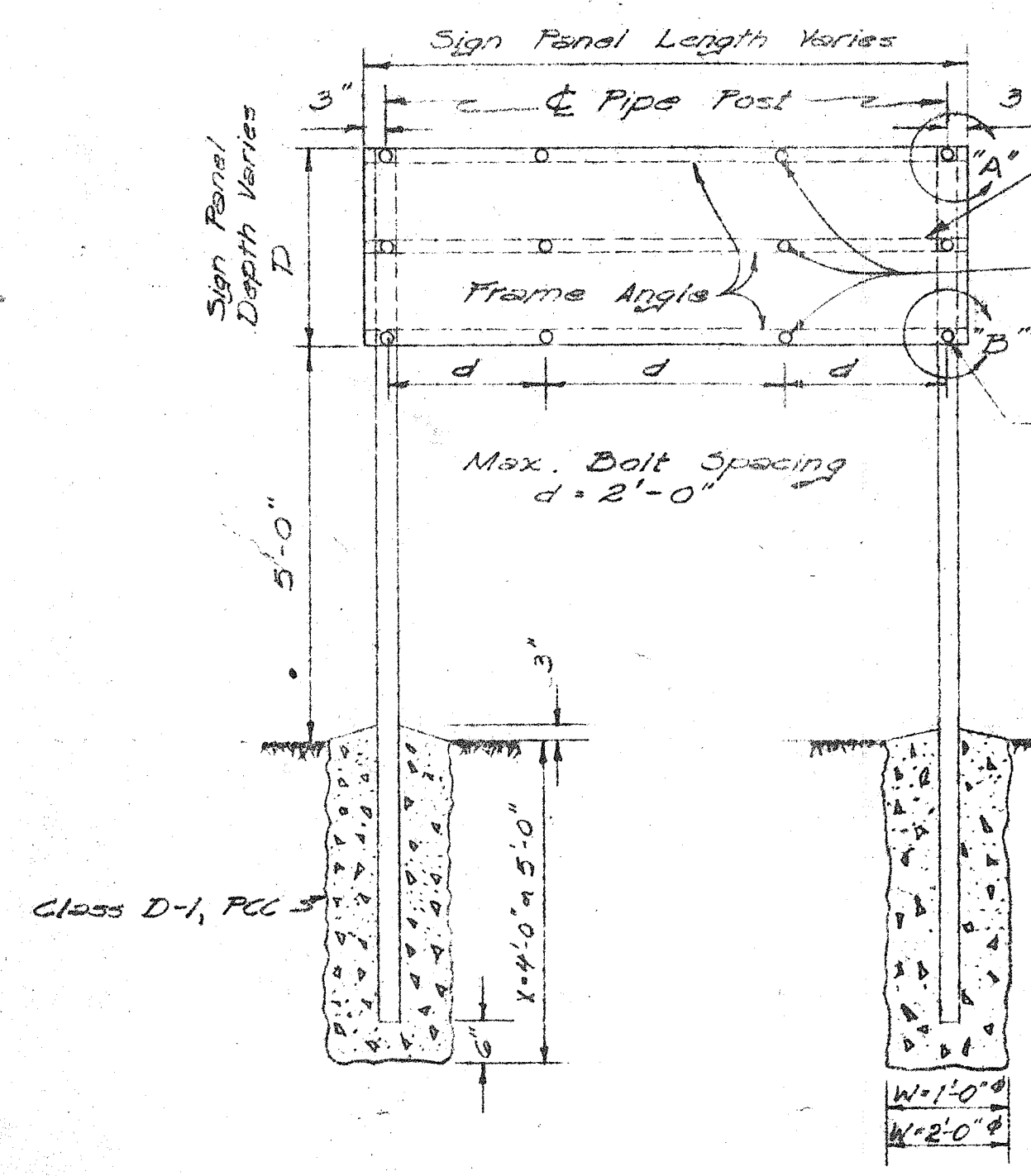
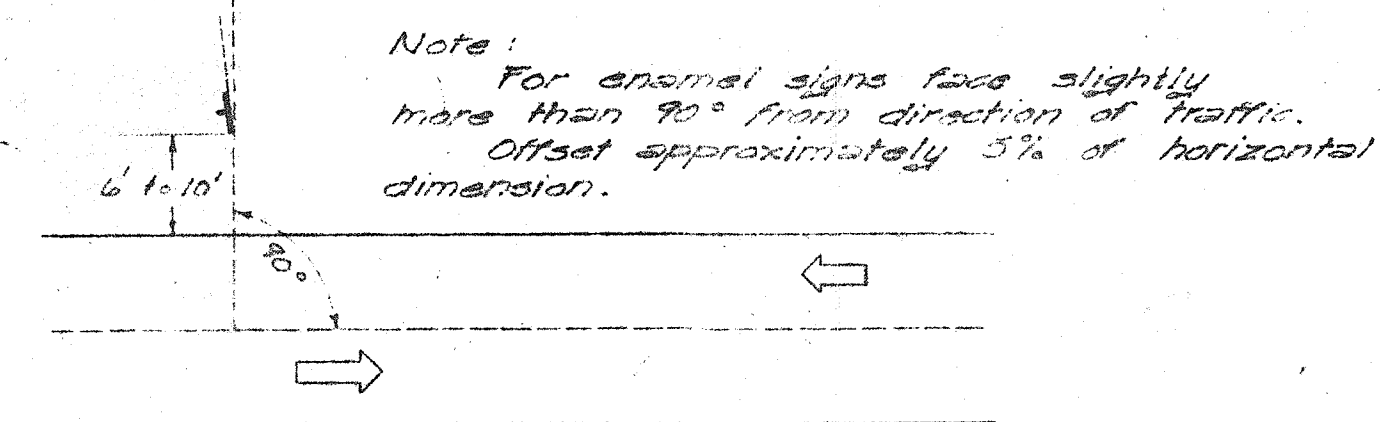


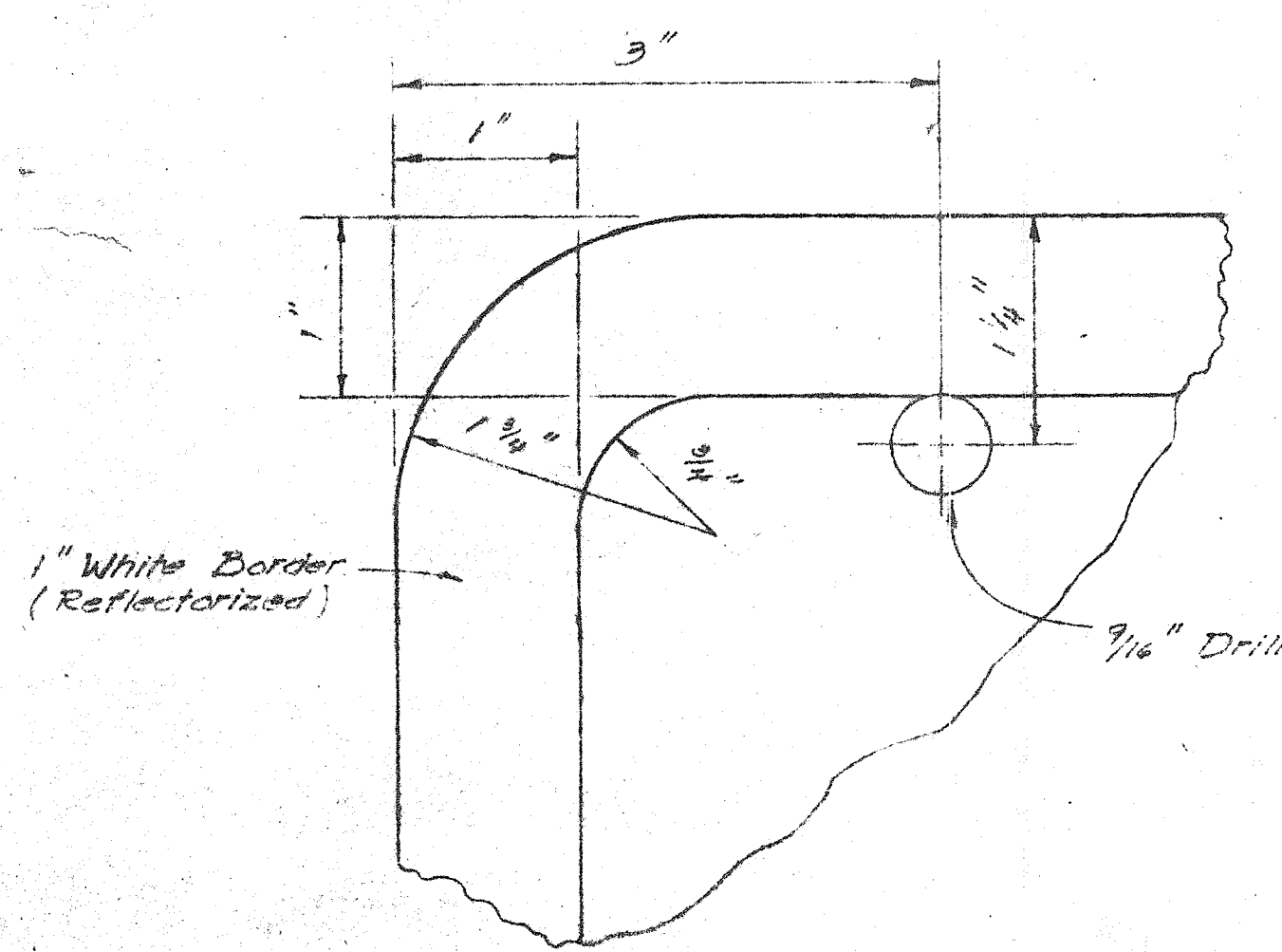
Note: This Standard Detail Sheet applies to G-25 series Expressway signs with 6" Series "E" and 4" 1 cu. letters.



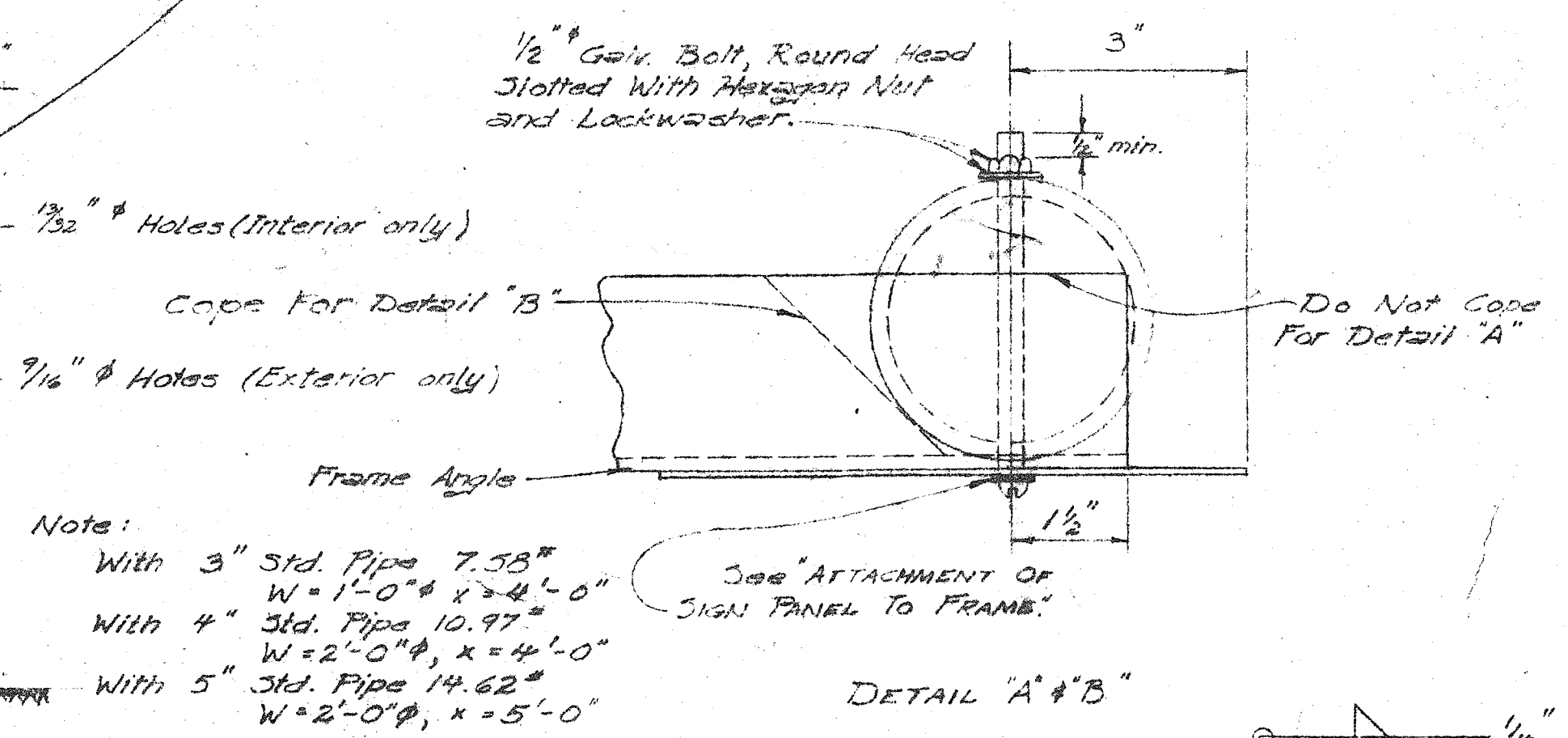
DESTINATION SIGNS
ELEVATION



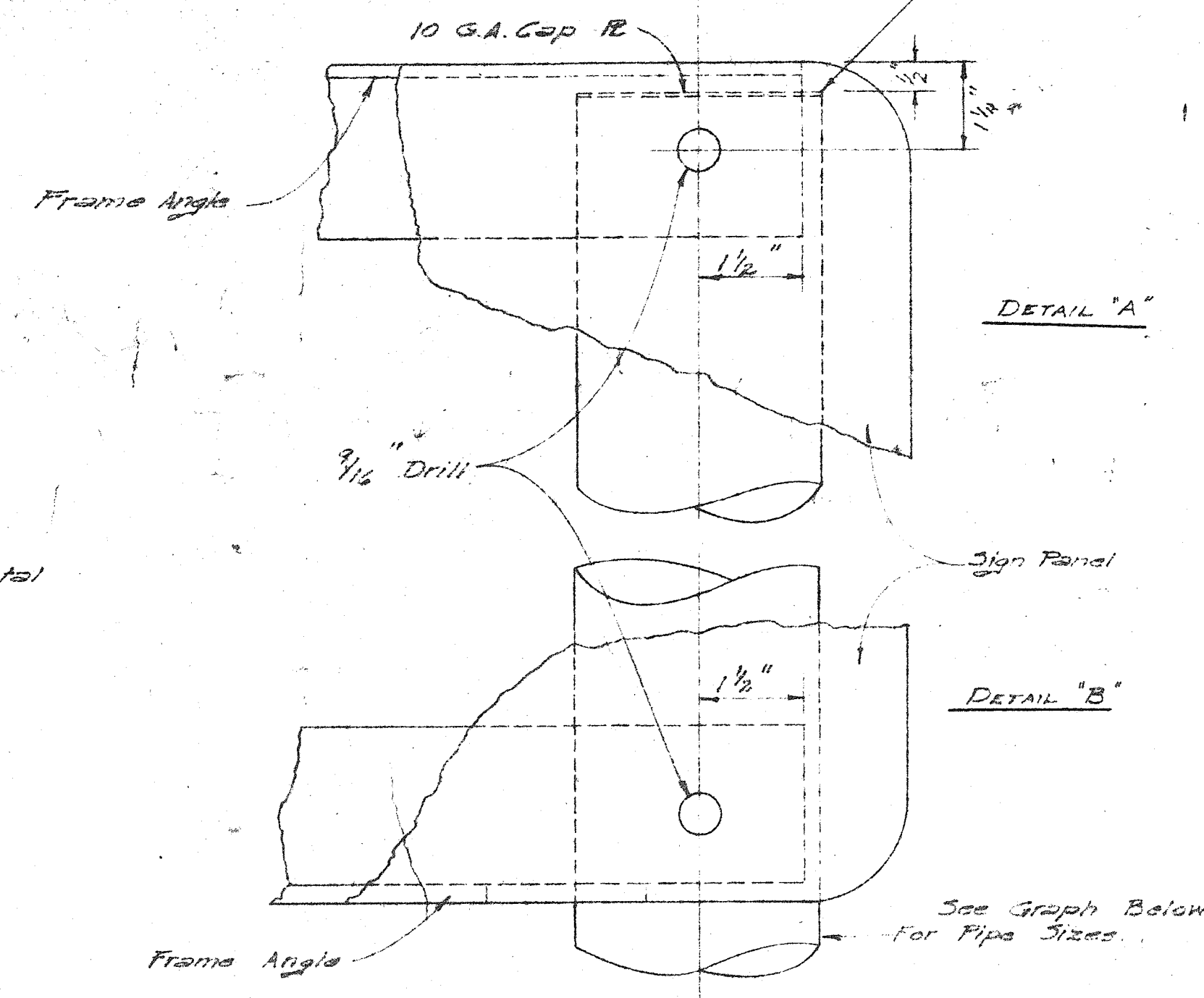
SIGN POSITION WITH RELATION
TO DIRECTION OF TRAFFIC



TYPICAL CORNER AND
BORDER DETAIL (1")

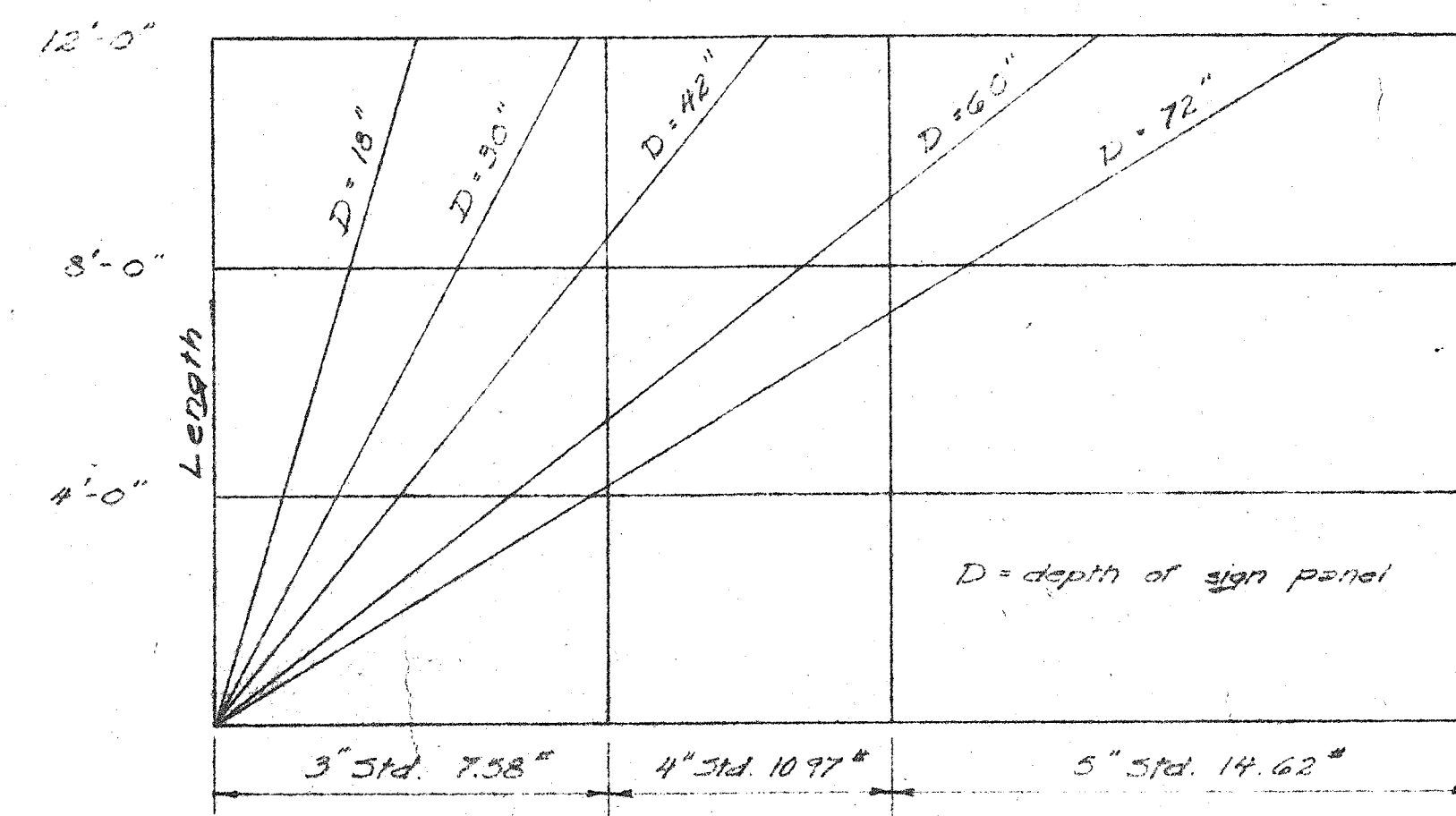


DETAIL "A" & "B"

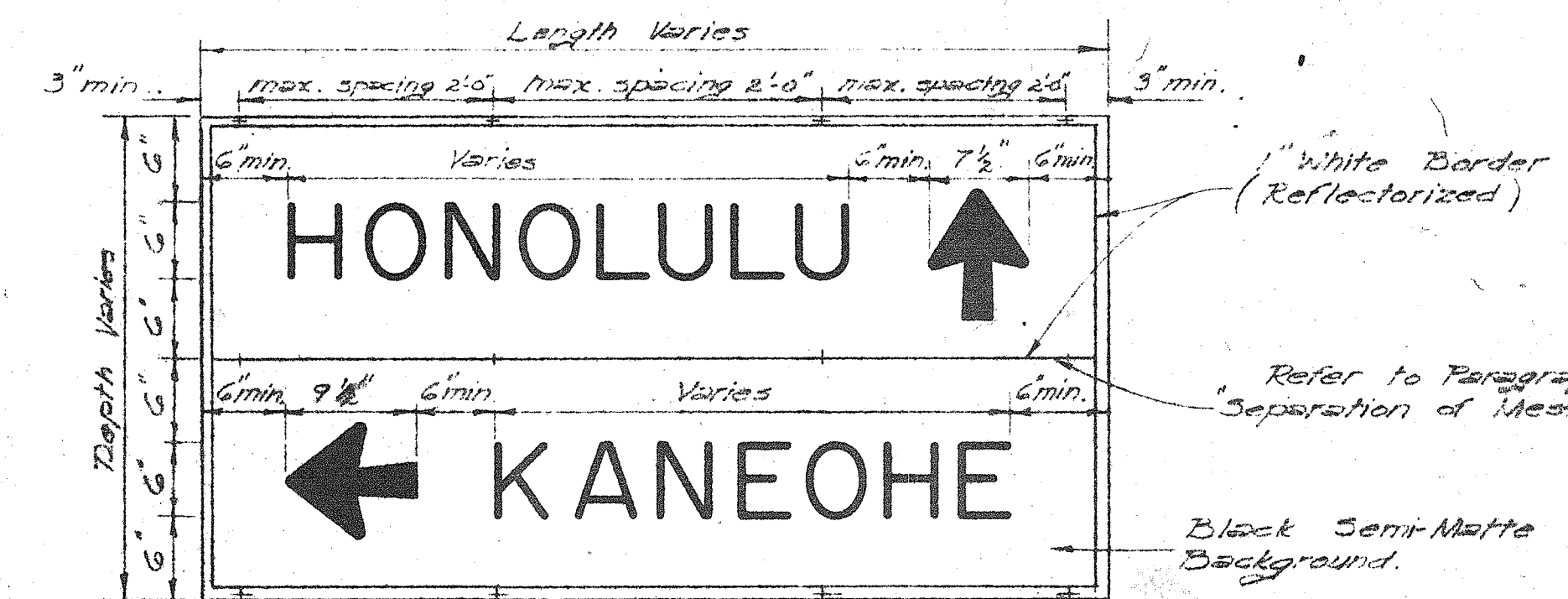


DETAIL "A"

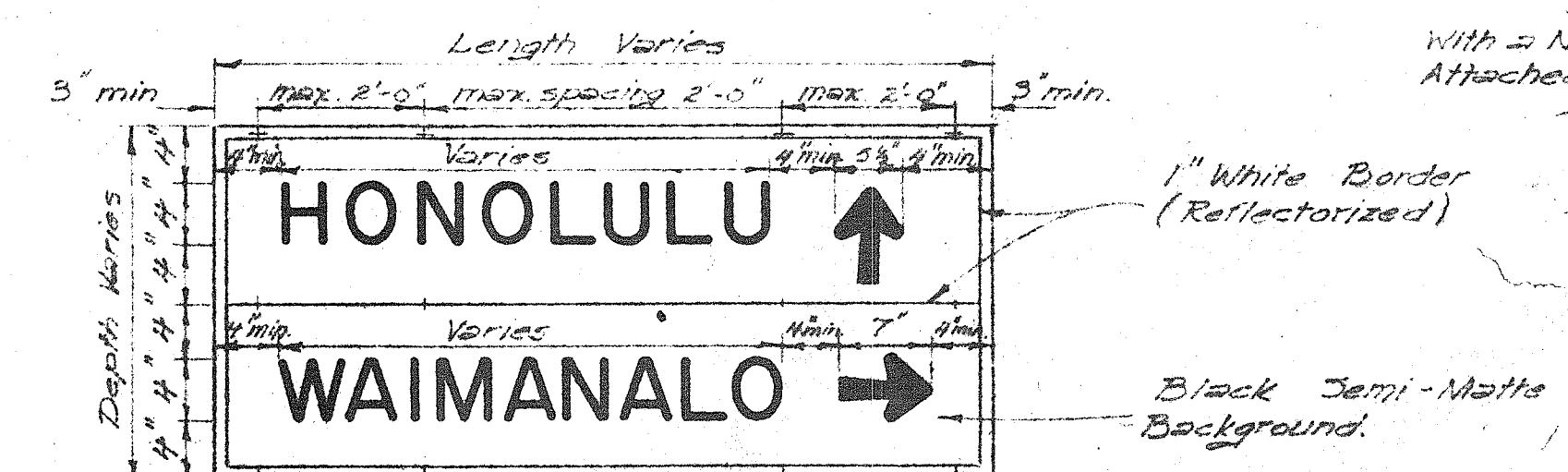
DETAIL "B"



REQUIRED PIPE POST



TYPICAL 6" SERIES "D"
DESTINATION SIGN



TYPICAL 4" SERIES "D"
DESTINATION SIGN

GENERAL NOTES

- 1- Sign message shall be lettered according to "Standard Alphabets" for Highway Signs' Public Roads Administration, Federal Works Agency, 1932 and from Table III, "Width of Capital Letters and Digits, Series D", Table II "Spacing of Letters and Digits." Use Series "D" Letters unless otherwise noted.
- 2- Arrows shall conform with "Standard Arrows for Directional Signs."
- 3- Thickness of sign plate shall be No. 16 U.S. standard gauge.
- 4- Signs shall be bolted to Post and Frame with $\frac{1}{2}$ " round head slotted Gal. Bolts and Hex. Nuts and with stainless steel washer with a neoprene rubber gasket attached on face of signs. For location of bolt holes, see plans.
- 5- Sign finish shall be porcelain enamel as specified in the latest Department specifications.
- 6- Signs shall have white letters on a black semi-matte background, non-embossed, and letters reflectorized with reflective sheeting.
- 7- All sign frame members shall be hot dip galvanized.
- 8- Class "D-1" concrete for footing will not be paid for separately but shall be considered incidental to the item of destination signs.
- 9- Pipe post shall be galvanized pipe conforming to A.S.T.M. Designation A33-58, Grade B.
- 10- All welding shall conform to the latest specifications for Welded Highway and Railway Bridges of the American Welding Society.
- 11- Reflective sheeting material shall be applied by heat and vacuum applicator over the white porcelain enamel letters, arrows and borders.
- 12- All interior bolts of sign plates shall be $\frac{3}{8}$ " ϕ slotted head galvanized and hexagon nut, with a stainless steel washer with a neoprene gasket attached on face of sign plate. See Detail.
- 13- All G-25 signs shall be fabricated on one sheet of metal plate.

SIGN PANEL SPACING REQUIREMENTS

- 1- The spacing between Words in the same line shall be equal to $1\frac{1}{2}$ times the height of the letter.
 - 2- The spacing between lines of copy shall be not more than the height of the letters in line one, plus the height of the letters in line two, divided by two.
 - 3- Margins : Copy shall be applied in the background in such a way that the distance between any point in the copy and the nearest edge of the sign shall be not less than the average height of letters used.
 - 4- Borders : The signs shall have a border width of one (1") inch.
 - 5- Arrows : Arrows shall point in directions as shown on the plans.
- The spacing between copy and the nearest part of arrow shall be equivalent to the average height of letters used.
- 6- Separation of messages : In a multi-direction or multi-message sign, the distinction between the two destinations or two messages shall be defined sharply by separating the two with a horizontal white 1" line as shown on the "Typical Sign Layout." When the horizontal line is used, the spacing to the copy both above and below the line shall be not less than either height.

Note: This Standard Detail Sheet applies to G-25 series Expressway signs with G series "E" u.c. and 4" l.c. letters.

TYPICAL TABLE

SIGN NO. - STATION - SIGN PANEL
FRAME L - PIPE POST - BOLT HOLE
SPACING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

STANDARD DETAILS
DESTINATION SIGNS
POST AND FRAMES
TYPICAL SIGN PANELS

NOT TO SCALE

SHEET No. 3 OF 11 SHEETS

A-0001-08-60 (3)

APPROVED:  DATE: 4-21-60

DIRECTOR OF TRANSPORTATION

DESIGN DATA

- 1- Wind load : 35 PSF.
- 2- Allowable stresses
 - a: Concrete : $f_c = 870$ psi
 - b: Pipe : $f_s = 24,500$ psi
 - c: Angle : $f_s = 26,000$ psi

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