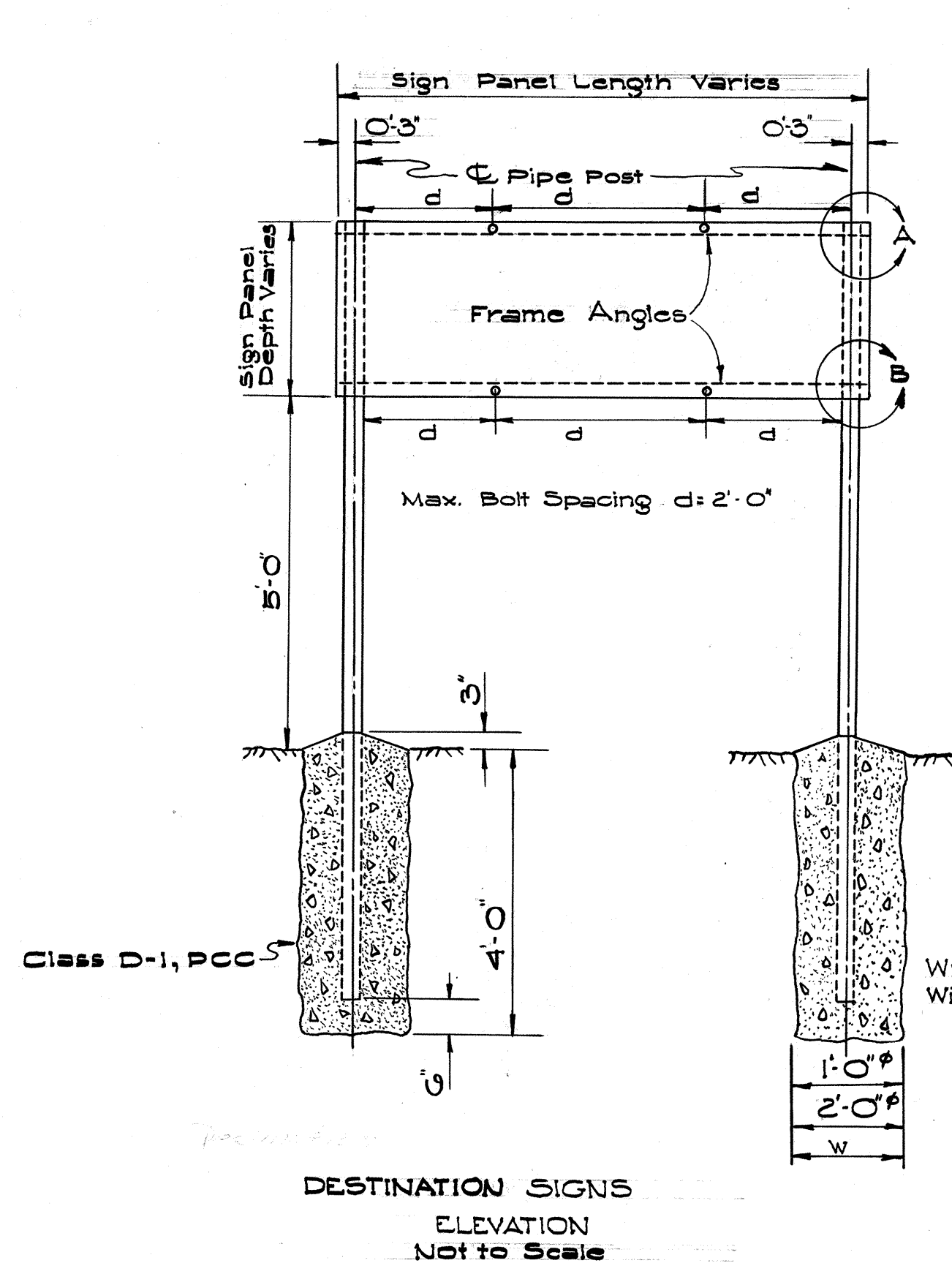
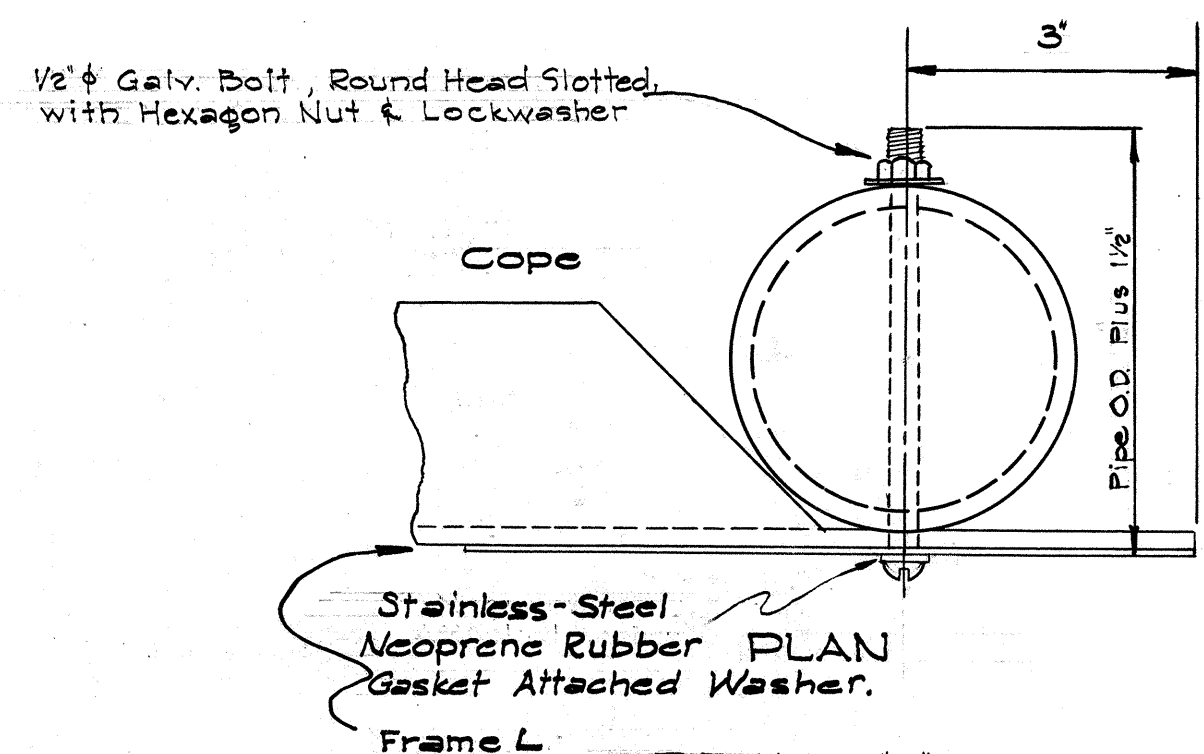


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
0AHL	HAWAII		1960	1	1

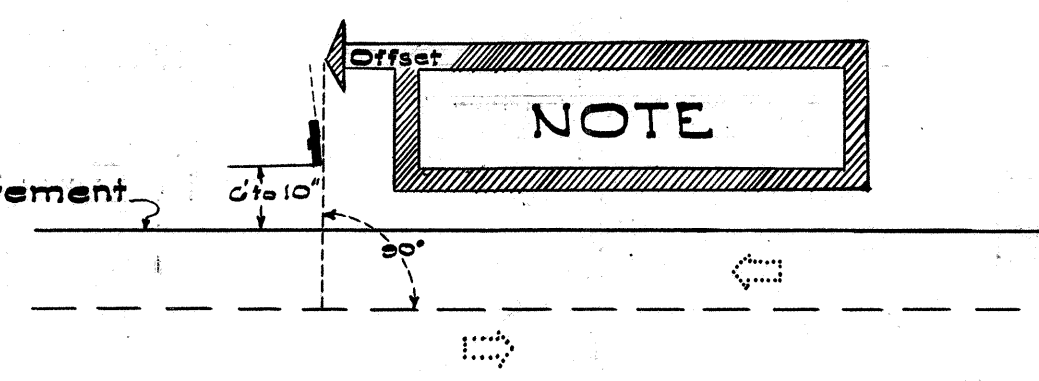


DESTINATION SIGNS
ELEVATION
Not to Scale



ATTACHMENT OF SIGN
PANEL TO FRAME

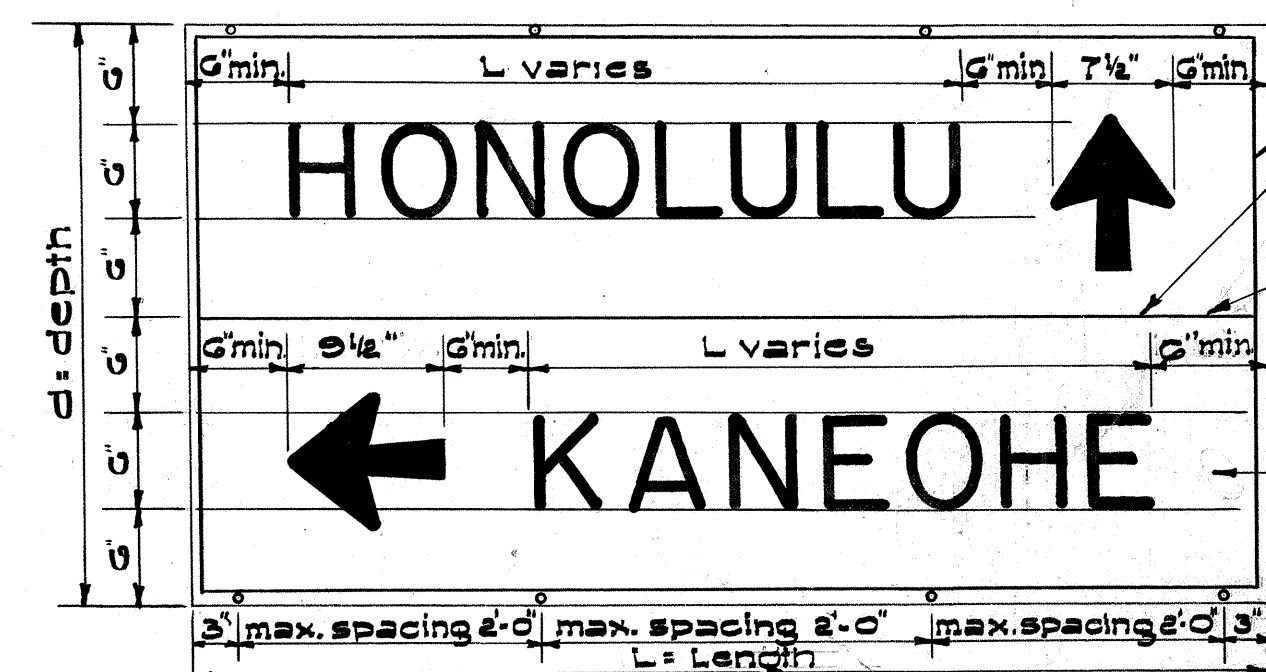
SIGN POSITION WITH RELATION
TO DIRECTION OF TRAFFIC



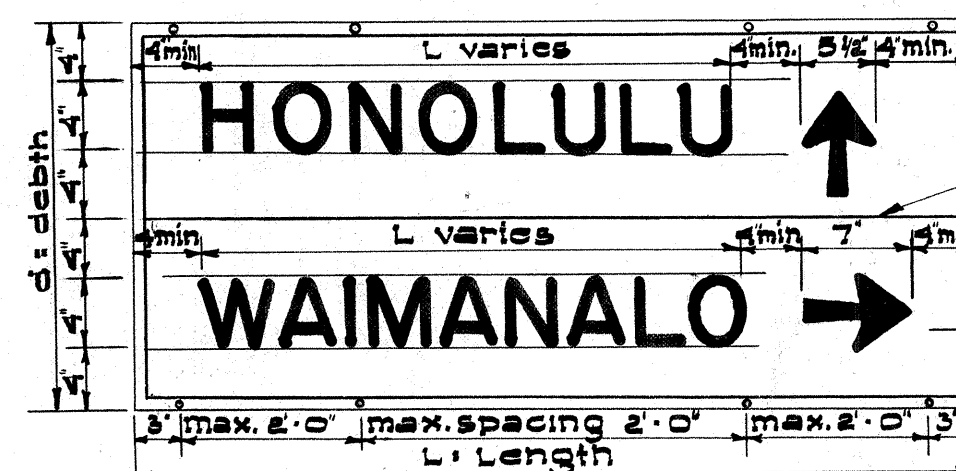
Note: For enamel signs face slightly more than 90° from direction of traffic. Offset approximately 5% of horizontal dimension.

SIGN PANEL SPACING REQUIREMENTS

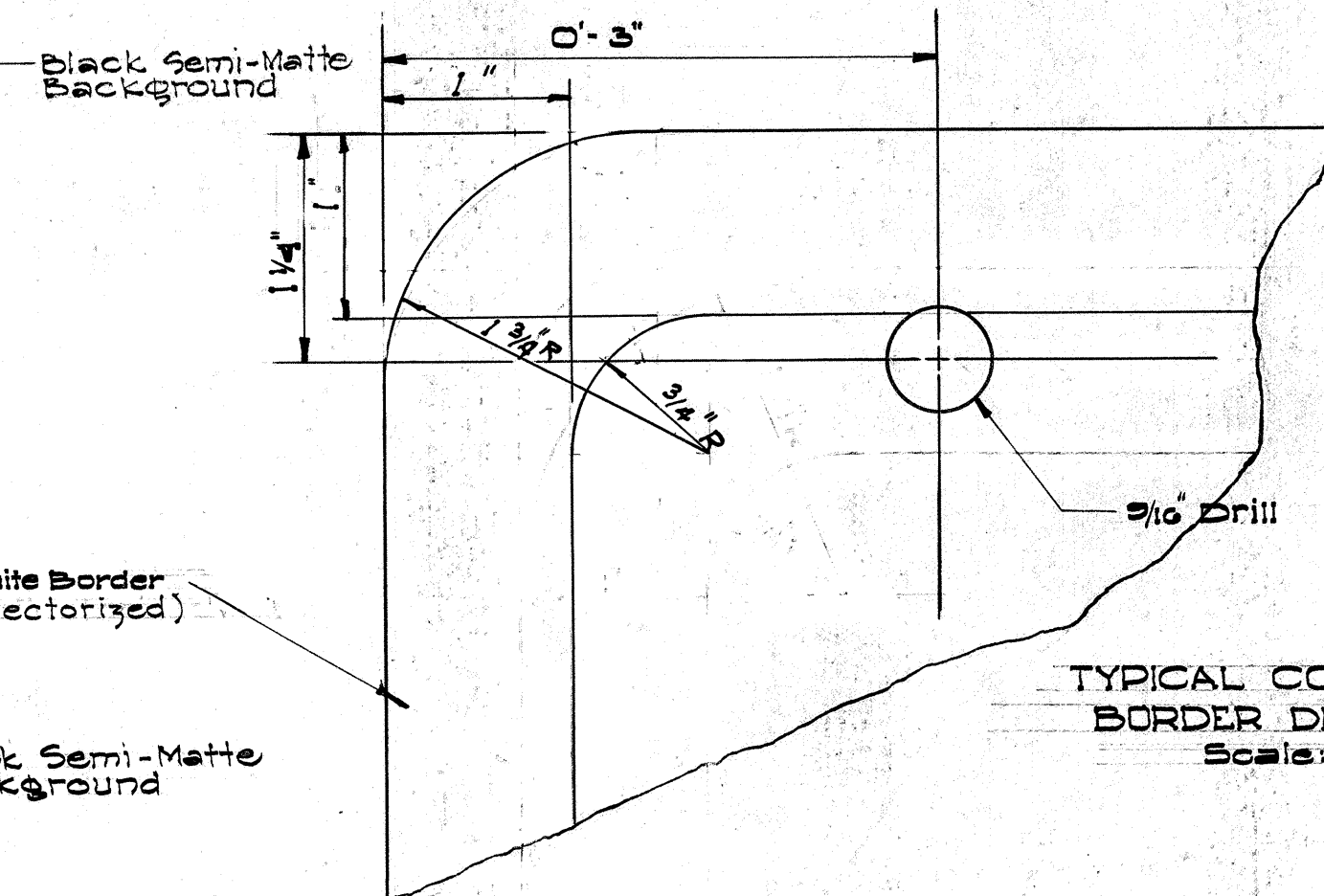
1. The spacing between Letters and Words in the same line shall be equal to $1\frac{1}{2}$ times the height of the letter.
2. The spacing between lines of copy shall be not more than the height of the letters in line one, plus the height of the letters in line two, divided by two.
3. Margins: Copy shall be applied in the background in such a way that the distance between any point in the copy and the nearest edge of the background shall be not less than the average height of letters used.
4. Borders: On small signs a margin between border and sign edge equivalent to the border width of 1" shall be used.
5. Arrows: Arrows shall point in directions as shown on the plans and on the "Standard Arrows for Directional Signs" sheet. 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 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.



TYPICAL G" SERIES "D"
DESTINATION SIGN
Not to Scale

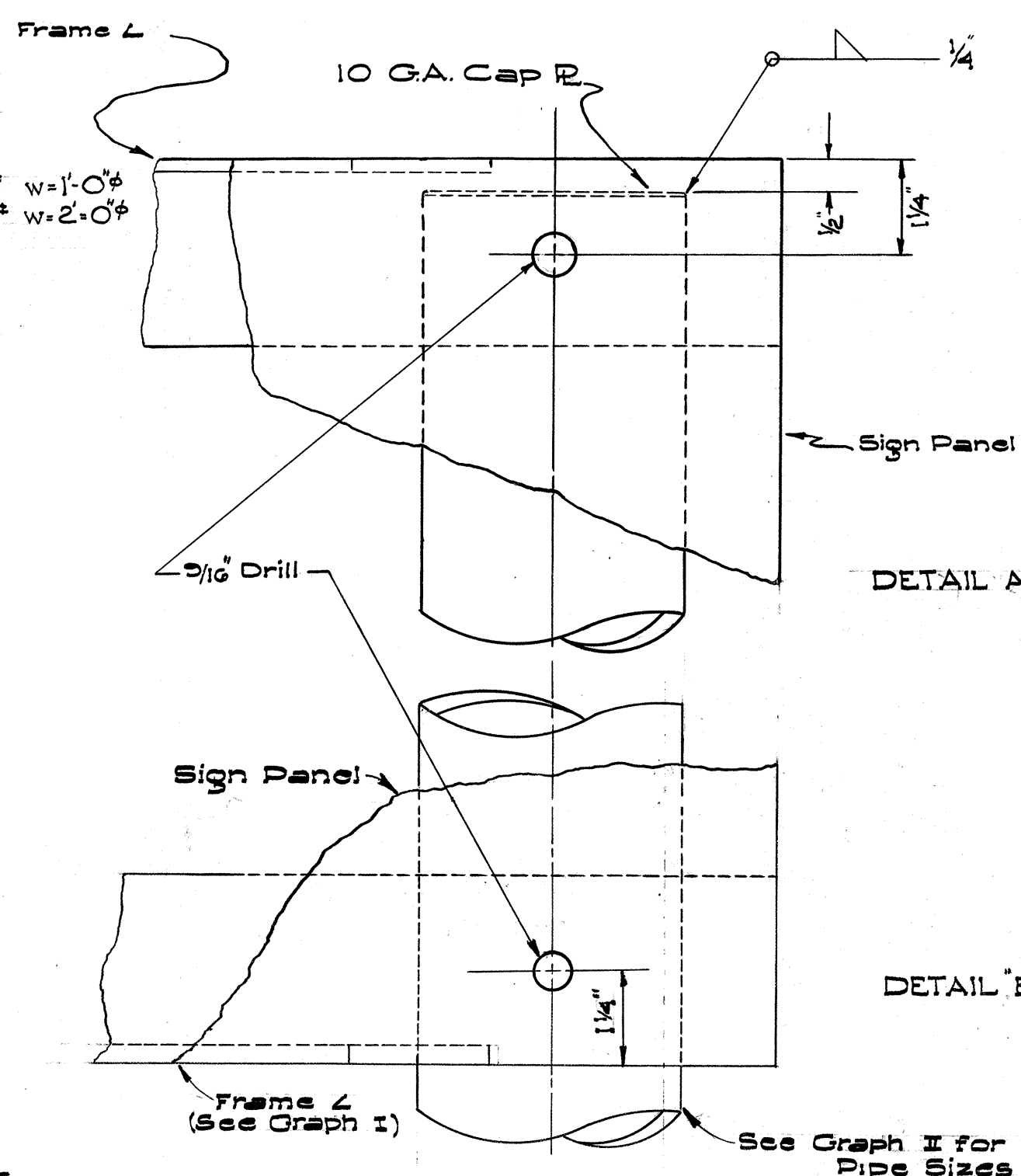


TYPICAL 4" SERIES "D"
DESTINATION SIGN
Not to Scale



TYPICAL CORNER AND
BORDER DETAIL (1")
Scale: Full

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

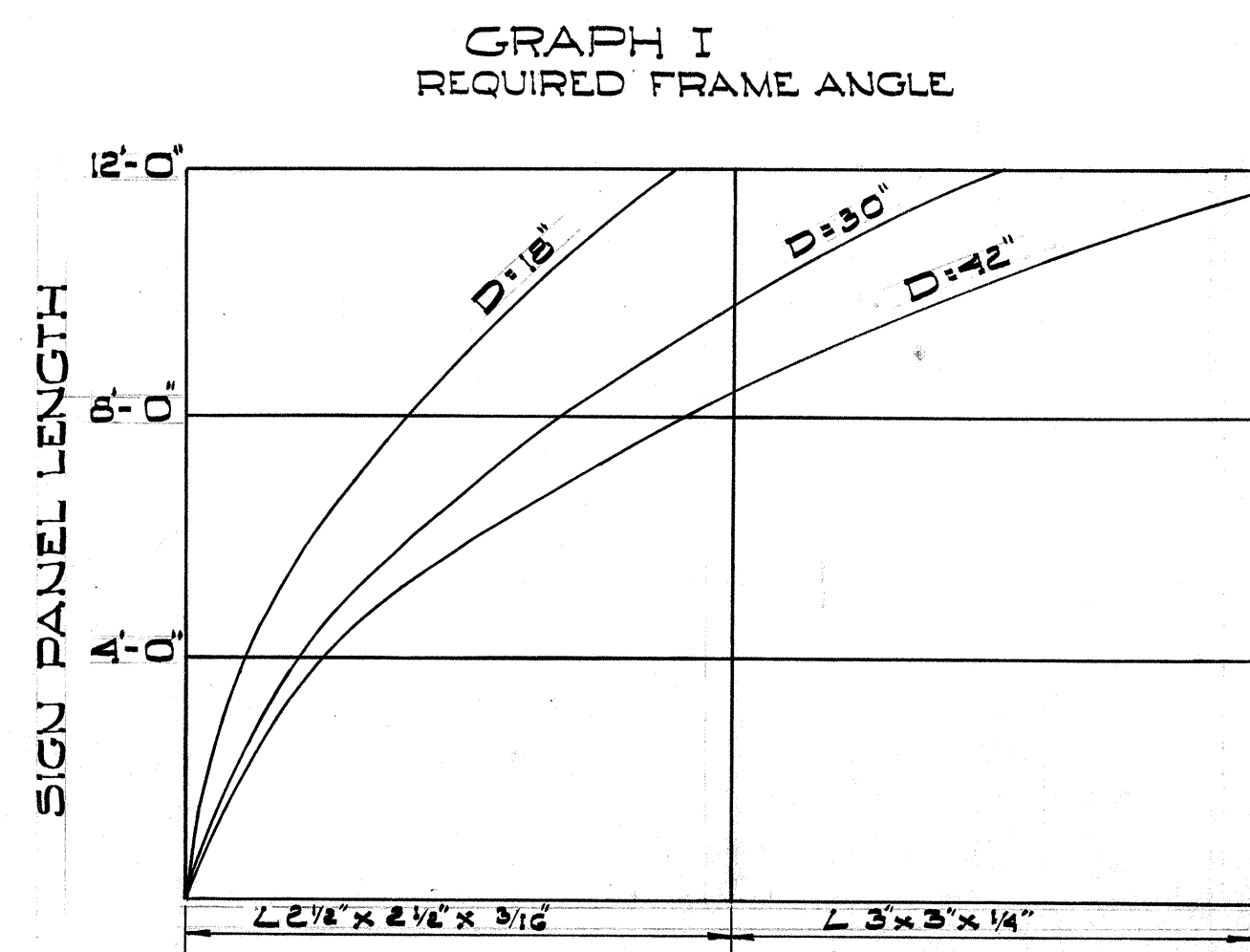


DETAIL A

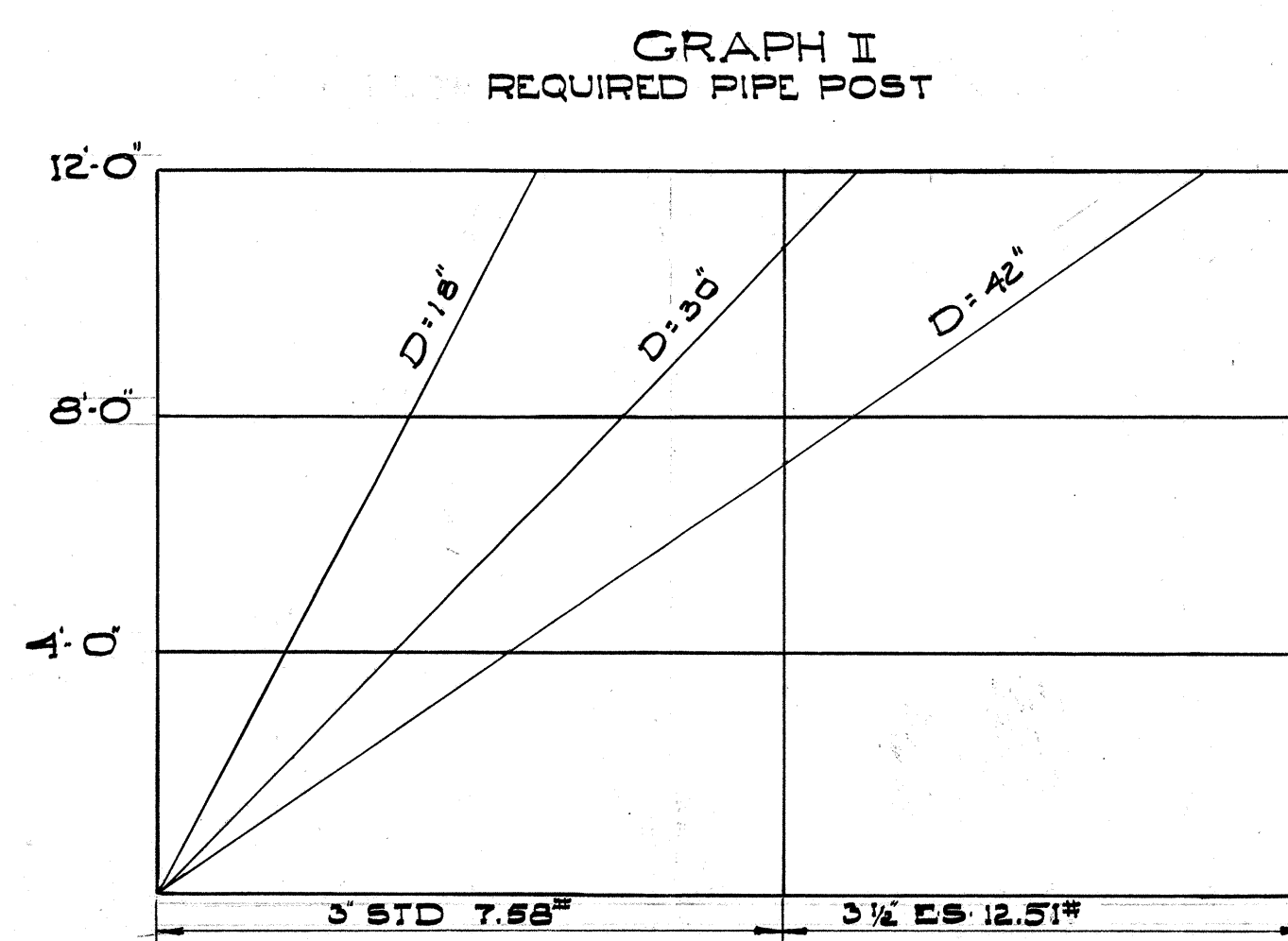
DETAIL "B"

DESIGN DATA

1. Wind Load : 30 psi
2. Allowable Stresses
 - a. Concrete : $f_c = 1500$ psi
 - b. Pipe : $f_s = 18000$ psi



REQUIRED FRAME 2



REQUIRED PIPE POST

GENERAL NOTES

1. Sign message shall be lettered according to "Standard Alphabets for Highway Signs" Public Roads Administration, Federal Works Agency, 1952 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 with $\frac{1}{2}$ " round head Galv. Bolts and hex nuts with stainless steel washer with neoprene rubber gasket attached on back of signs. For number and exact location of $\frac{9}{16}$ " holes, see plans.
5. Sign finish shall be porcelain enamel as specified in latest Department specifications.
6. Signs shall have white letters on a black background, non-embossed, and letters reflectorized with reflective sheeting.
7. All sign frame members shall be painted with one prime coat and two field coats. Finish coat shall be aluminum or approved green (see plans).
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 shall be galvanized conforming to A. S. T. M. Designation A120 and shall be painted in accordance with paragraph 7. (General Notes)
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 and arrow.
12. Borders shall be white porcelain enamel finish and reflectorized.
- APPROVED: _____

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

APPROVED: [Signature] DATE: Aug. 26, 1951
STATE HIGHWAY ENGINEER

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII

STANDARD DETAILS
DESTINATION SIGNS
POST AND FRAMES
TYPICAL SIGN PANELS
SCALE AS NOTED

SHEET N^o / OF / SHEETS

A-0001-04-60 (3)