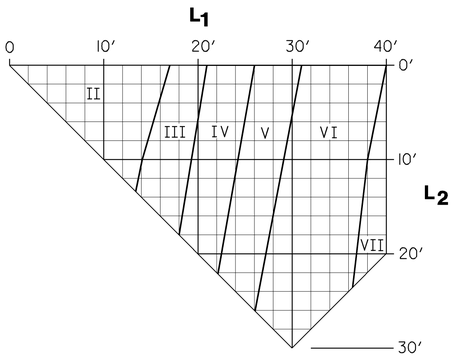
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED ENGINEER - CIVIL

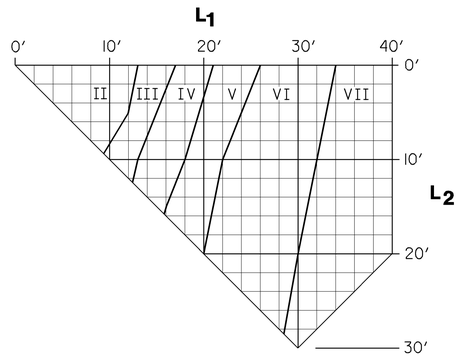
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — No. — Exp. — CIVIL — STATE OF CALIFORNIA

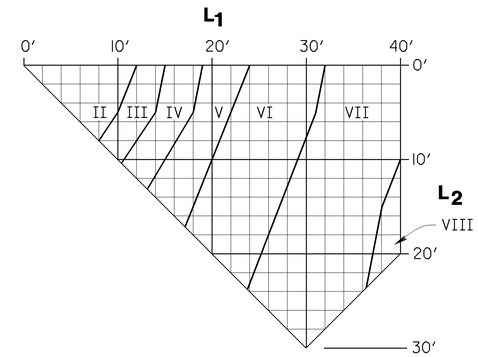
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



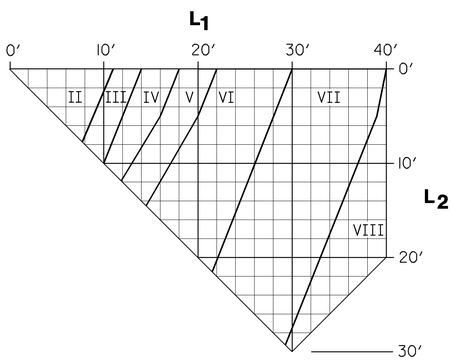
50" SIGN PANEL DEPTH



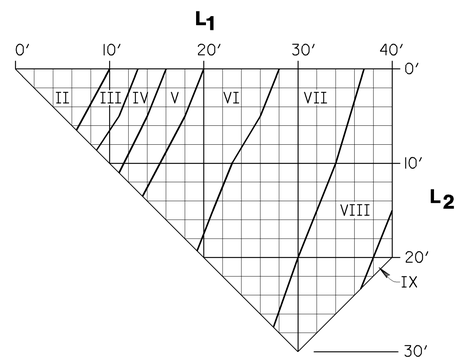
60" and 70" SIGN PANEL DEPTH



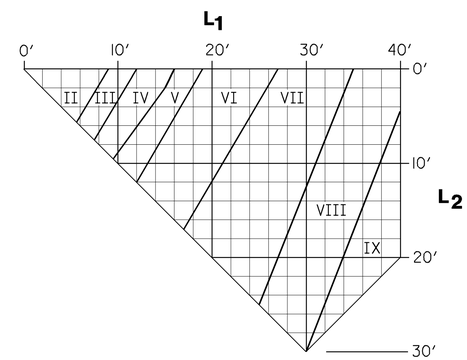
80" SIGN PANEL DEPTH



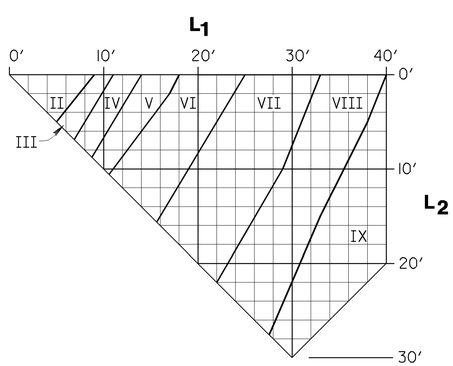
90" SIGN PANEL DEPTH



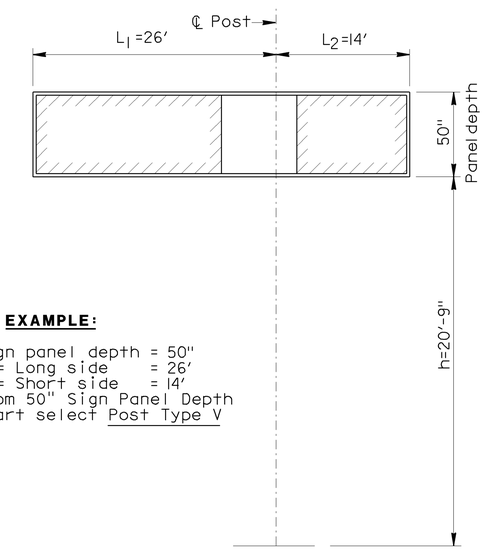
100" SIGN PANEL DEPTH



110" SIGN PANEL DEPTH



120" SIGN PANEL DEPTH



EXAMPLE

EXAMPLE:

Sign panel depth = 50"
L_1 = Long side = 26′
L_2 = Short side = 14′
From 50" Sign Panel Depth Chart select Post Type V

Post Type	Specification of pipe post	lb/ft
II	Pipe 14" x 1/2" TK	72
III	Pipe 16" x 1/2" TK	82.7
IV	Pipe 18" x 1/2" TK	93.3
V	Pipe 20" x 1/2" TK	104
VI	Pipe 24" x 1/2" TK	125.4
VII	Pipe 24" x 3/4" TK	186
VIII	Pipe 24" x 31/32" TK	237.9
IX	Pipe 24" x 31/32" TK	237.9

NOTES:

1. When selecting post type, if intersection of L_1 and L_2 falls on solid line, use the smaller post type.
2. Post selection charts are based on a post h = 20′-9" maximum. For a post h in excess of 20′-9", please go to reference sheet number 8 for reaction calculations and Post Type Selection by Chart
3. Wind pressure on sign is 40.3 psf on sign depth x frame length. (i.e. 100% panel coverage)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

THIS SHEET NOT A PART OF CONTRACT PLANS

OVERHEAD SIGNS-TRUSS SINGLE POST TYPE

POST SELECTION CHART I | **7**