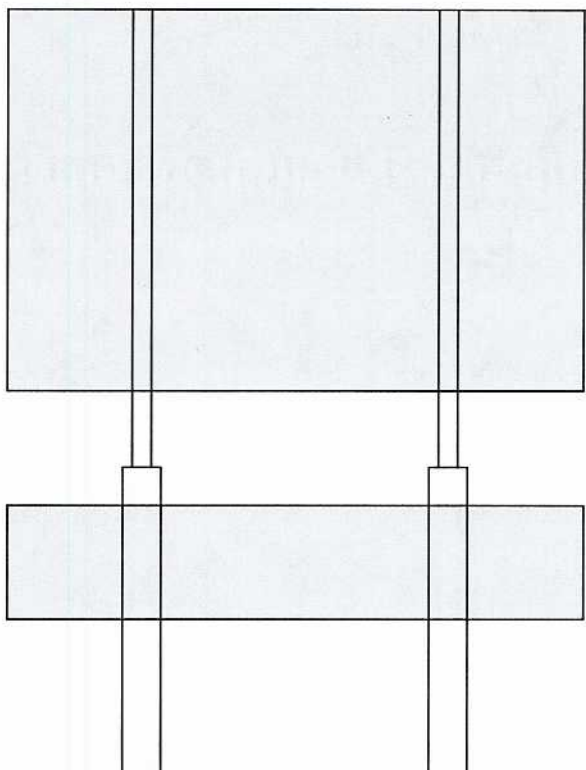


Project Name: Demonstration Printout

---



Location: Lubbock

By: Standards Design Group INC.

Start Date: 2/8/2005

Comments:

# Local Information

Terrain Exposure: C  
Basic Wind Speed: 90 mph

Topography: None

# Optional Factors

This project uses load combinations from ASCE 7.

Structure Category: II

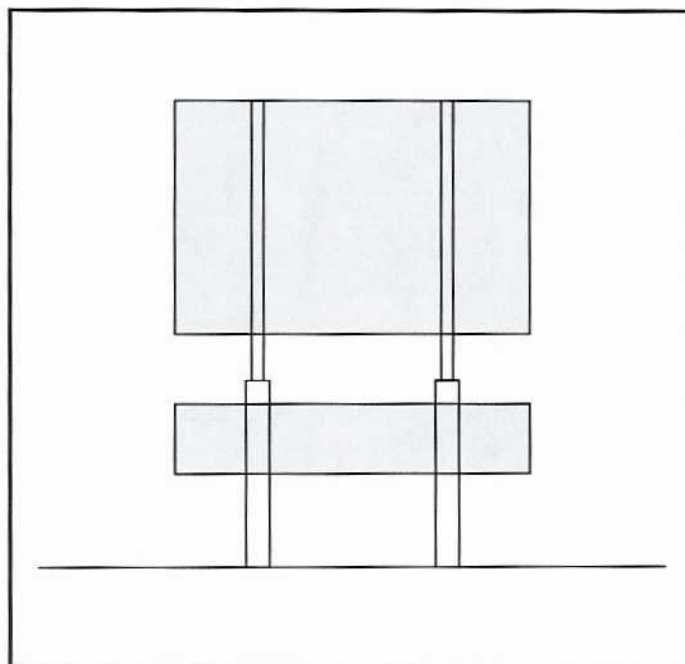
Sign Information

Sign Description	Top Elevation (ft)	Height (ft)	Sign Width (ft)	Solidity Ratio (%)	Round Members	Round Diameter (ft)
Top Sign	20.0	10.0	15.0	100	n/a	n/a
Another Sign	7.0	3.0	15.0	80	n/a	n/a

Support Dimensions

Number of Supports: 2  
 Support Spacing: 8 ft

Segments	Height (ft)	Width (ft)	Support Shape
Segment 1	20.0	0.5	Square
Segment 2	8.0	1.0	Square



This data was calculated using the building of all heights method.

Wind Direction Normal to Face

	z (ft)	q (psf)	G	Cf	Af (sqft)	Force (lbf)
Top Sign	20.0 - 15.0	15.9	0.9	1.2	75	1290
	15.0 - 10.0	15	0.9	1.2	75	1220
Supporting Structure	10.0 - 8.00	15	0.9	1.97	1 *	26.6
Supporting Structure	8.00 - 7.00	15	0.9	1.43	1 *	19.3
Another Sign	7.00 - 4.00	15	0.9	1.2	45	729
Supporting Structure	4.00 - 0	15	0.9	1.43	4 *	77.2

\* area of one support structure.

Support	Length (ft)	Width (ft)	Shape	Shear* (kips)	Moment* (kip-ft)	Allowable Moment (kip-ft)	Width or Diameter (in)	Thickness (in)	Weight (lb/ft)	Remarks
Support 1	12.0	0.5	Square	2.23	15.6	N/D	N/D	N/D	N/D	N/D
Support 2	8.00	1.00	Square	2.96	37.2	N/D	N/D	N/D	N/D	N/D
acting on critical support structure.						N/D = Not Defined UD = User Defined				

For sleeved connections, add the length of the sleeve dimension to the total length of the support section.