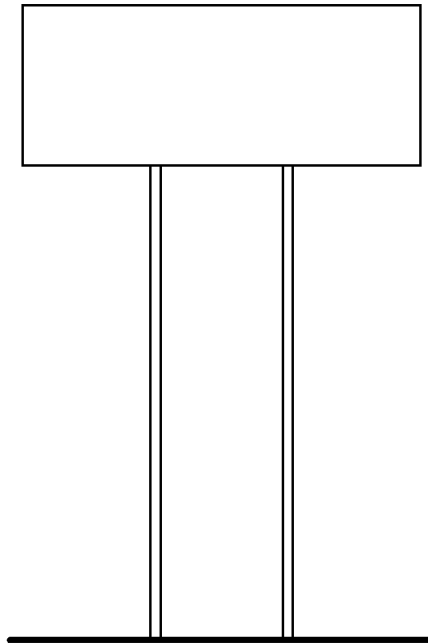


Project Name: Sign Example



Location:

Designer: SDG, Inc.

Start Date: 3/11/00

Comments: This Example is for Demo use only.

Local Information

Terrain Exposure: C
Basic Wind Speed: 90 mph

Topography: None

Optional Factors

Damping Ratio = 1 % Critical
Natural Frequency = 0.7 Hz

This project uses load combinations from ASCE 7.

Sign Structure

Structure Category: II

Sign Dimensions

Width: 50.0 ft

Height: 20.0 ft

Support Dimensions

Number of Supports: 2

Shape: Round

Diameter: 1.3 ft

Height: 60.0 ft

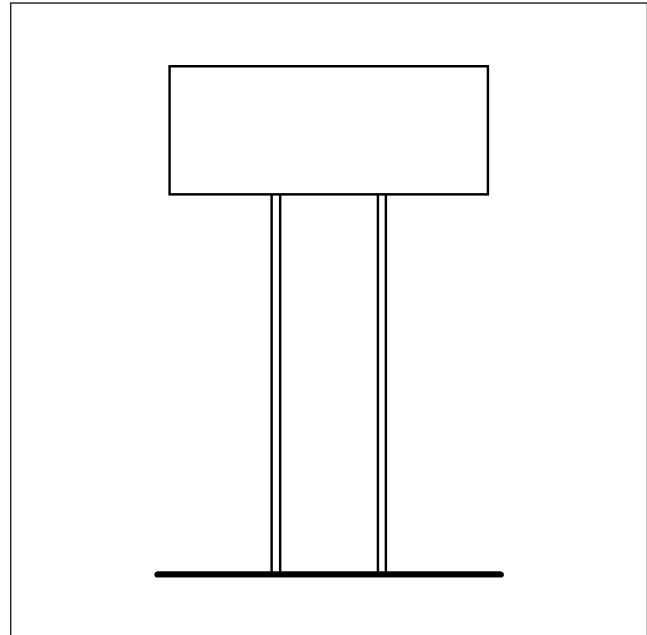
Surface Classification:
Moderately Smooth

Sign Openings

Area of Openings: 0.0 sq ft

Percent Open: 0 %

Sign is Solid



MWFRS Net Pressures

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)
Support Calculations						
	0.0 - 15.0	15.0	1.10	0.70	39.00 *	450.5
	15.0 - 20.0	15.9			13.00 *	159.2
	20.0 - 25.0	16.7				167.2
	25.0 - 30.0	17.3				173.2
	30.0 - 40.0	18.4			26.00 *	368.4
	40.0 - 50.0	19.3				386.4
	50.0 - 60.0	20.0				400.4
Sign Calculations						
	60.0 - 70.0	20.7	1.10	1.20	500.00	13662.0
	70.0 - 80.0	20.7				13662.0
* total area of supports						