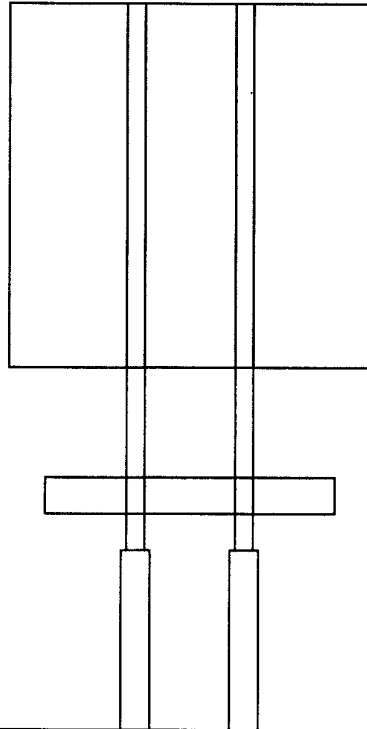


Project Name: Example Sign

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Example project for a report demo on website.

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Location: Lubbock, TX

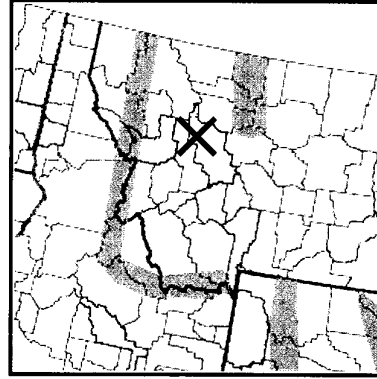
By: Jane Doe

Start Date: 10/6/2005

Comments: Example project for a report demo on  
website.

## Local Information

Terrain Exposure: C  
Basic Wind Speed: 90 mph



Soil Type: Fair

sand, silty sand, clayey sand, silty gravel, and clayey gravel - Typical Blow Count: 7 to 25

Topography: None

## Optional Factors

This project uses load combinations from ASCE 7.

Structure Category: II

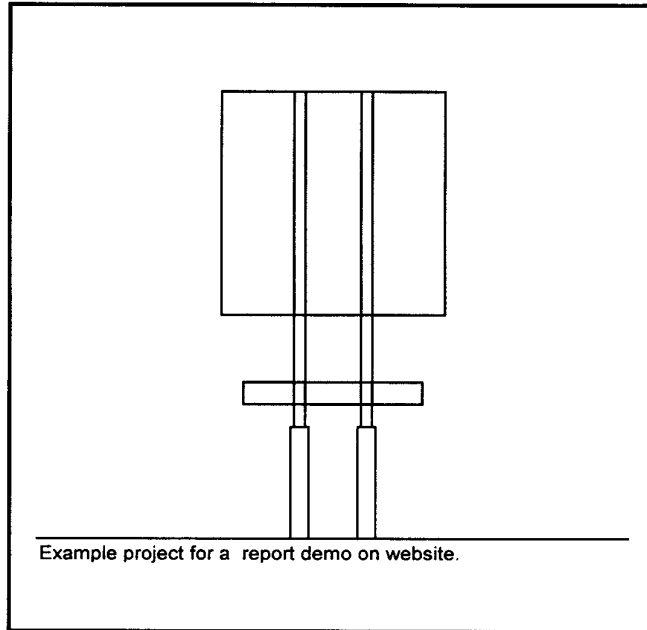
Sign Information

Sign Description	Top Elevation (ft)	Height (ft)	Sign Width (ft)	Solidity Ratio (%)	Round Members	Round Diameter (ft)
Large Panel	20.0	10.0	10.00	9	no	n/a
Smaller Panel	7.0	1.0	8.00	20	no	n/a

Support Dimensions

Number of Supports: 2  
 Support Spacing: 3 ft

Segments	Height (ft)	Width (in)	Support Shape
Segment 1	20.0	6.0	Square
Segment 2	5.0	9.6	Square



Foundation Design:

Diameter: 24 in

Depth: 3.5 ft

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)
Large Panel	20.0 - 15.0	15.9	0.9	2	4.5	129
	15.0 - 10.0	15	0.9	2	4.5	122
Supporting Structure	10.0 - 7.00	15	0.9	2	1.5 *	40.5
Smaller Panel	7.00 - 6.00	15	0.9	1.8	1.6	38.9
Supporting Structure	6.00 - 5.00	15	0.9	2	0.5 *	13.5
Supporting Structure	5.00 - 0	15	0.9	1.39	4 *	75.1
						* 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
Section 1	15.0	6.00	Square	0.39	3.15	N/D	N/D	N/D	N/D	N/D
Section 2	5.00	9.60	Square	0.46	5.27	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.