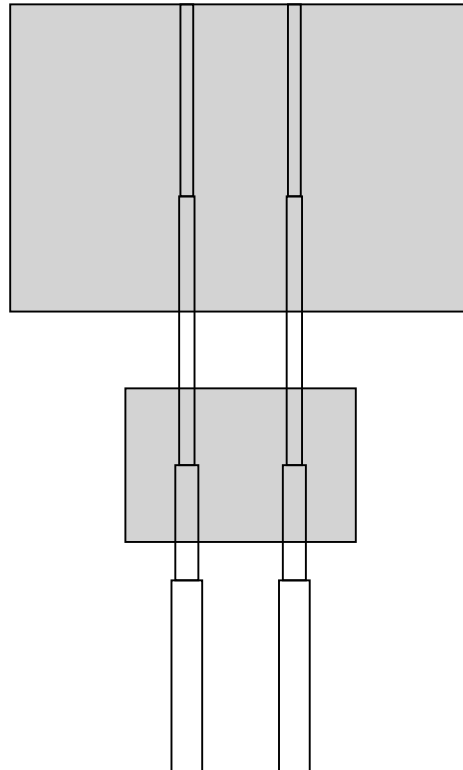

Project Name: Sample Report



Sample sign report to post online.

Location: Lubbock, Tx

By: Standards Design Group, Inc

Start Date: 1/29/2007

Comments: Sample sign report to post online.

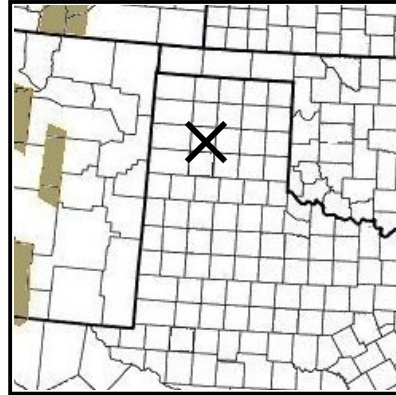
Local Information

Terrain Exposure: C
Basic Wind Speed: 90 mph

Soil Type: Medium

sandy gravel and/or gravel - Typical Blow Count: 24 to 50

Topography: None



Optional Factors

This project uses load combinations from ASCE 7.

Structure Category: II

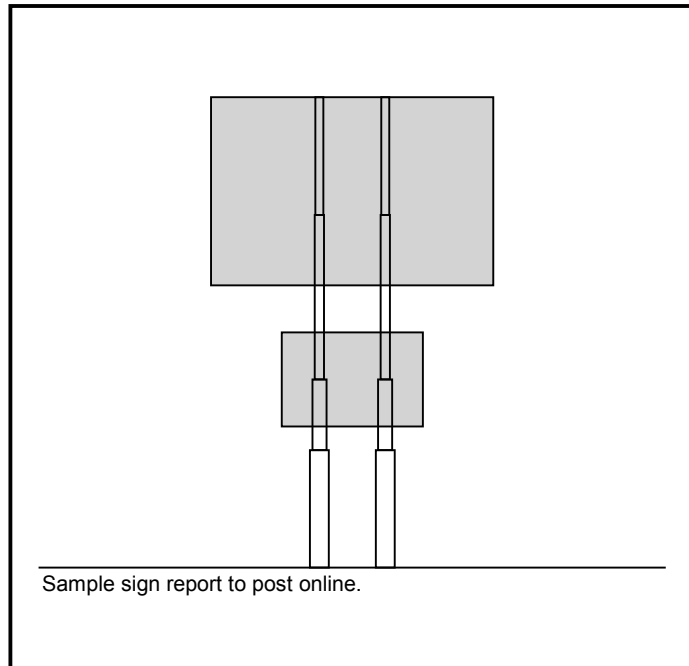
Sign Information

Sign Description	Top Elevation (ft)	Height (ft)	Sign Width (ft)	Solidity Ratio (%)	Round Members	Round Diameter (ft)
Top Panel	50.0	20.0	30.00	100	n/a	n/a
Next Panel	25.0	10.0	15.00	100	n/a	n/a

Support Dimensions

Number of Supports: 2
 Support Spacing: 7 ft

Segments	Height (ft)	Width (in)	Support Shape
Segment 1	50.0	10.0	Round
Segment 2	37.5	12.0	Round
Segment 3	20.0	18.0	Round
Segment 4	12.5	24.0	Round



Foundation Design:

Diameter: 36 in
 Depth: 18.5 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)
Top Panel	50.0 - 40.0	19.3	0.88	1.76	300	8970
	40.0 - 37.5	18.4	0.88	1.76	75	2140
	37.5 - 30.0	18.1	0.88	1.76	225	6310
Supporting Structure	30.0 - 25.0	17.3	0.88	0.66	5 *	50.2
Next Panel	25.0 - 20.0	16.7	0.88	1.76	75	1940
	20.0 - 15.0	15.9	0.88	1.76	75	1850
Supporting Structure	15.0 - 12.5	15	0.88	0.57	3.75 *	28.2
Supporting Structure	12.5 - 0	15	0.88	0.59	25 *	195
						* area of one support structure.

Support	Length	Width	Shape	Shear*	Moment*	Allowable Moment	Width or Diameter	Thickness	Weight	Remarks
	(ft)	(ft)		(kips)	(kip-ft)	(kip-ft)	(in)	(in)	(lb/ft)	
Section 1	12.5	10.0	Round	15.1	95.1	112.5	12.75	0.375	49.57	
Section 2	17.5	12.0	Round	25.5	482	545.3	24	0.5	125.51	
Section 3	7.50	18.0	Round	27.3	682	811.8	30	0.469	147.94	
Section 4	12.5	24.0	Round	27.5	1020	1166	34	0.524	187.37	
* 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.