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Job: Ma9in Street Center  
 I-10 Service Rd.  
 Slidell, LA

REF: 1984 S.B.C. and IBC 2006  
 USE WIND 130 mph = 49.2 PSF  
 FLAT SIGN FACTOR = 1.4  
 ROUND FACTOR = .66

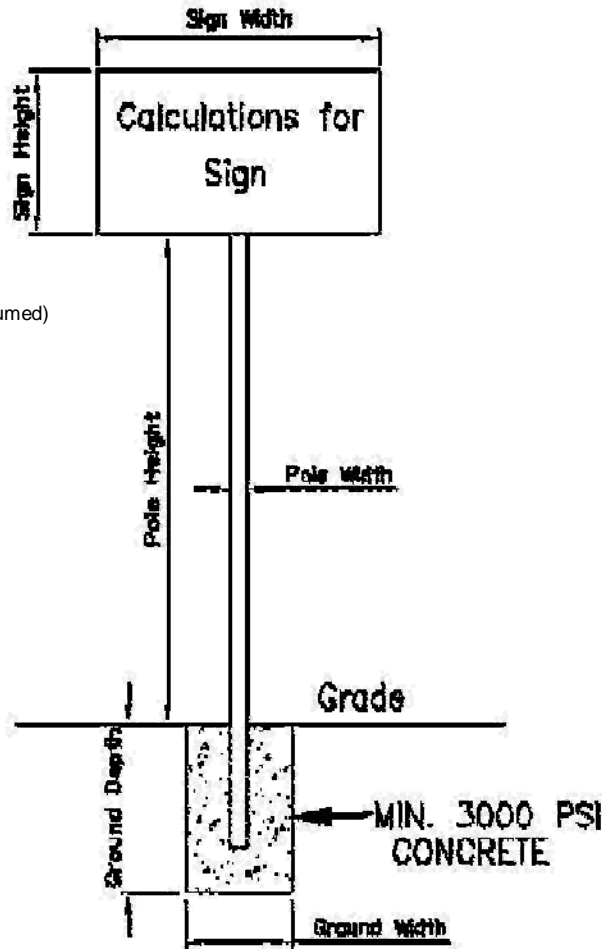
TAKE MOMENTS ABOUT  
 GRADE

SOIL PRESSURE 1000 lbs/sf (Assumed)

Sign Characteristics	
Sign Height	7.12 ft
Sign Width	18.1 ft
Pole Height	12.88 ft
Pole Width	1 ft

Results	
Ground Depth	10.61 ft
Ground Width	4 ft

Footprint weight/s.f.	1733.3 p.s.f.
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$$\begin{aligned}
 & ( SH \times SW \times 49.2 \times 1.4 ( .5SH + PH ) ) + ( (PH \times PW \times 49.2 \times .66 \times .5PH ) \\
 & ( 7.12 \times 18.10 \times 49.2 \times 1.4 ( 3.56 + 12.88 ) ) + ( 12.88 \times 1.00 \times 49.2 \times .66 \times 6.44 ) \\
 & - GH \times GW \times SP \times .5GH \times .66 = 0 \\
 & - GH \times 4 \times 1000 \times .5GH \times .66 = 0
 \end{aligned}$$

Notes :