

CITY OF MILPITAS

Building & Safety Department
455 E. Calaveras Blvd.
Milpitas, CA 95035
408-586-3240
www.ci.milpitas.ca.gov



STRUCTURAL PLAN REVIEW CHECKLIST

MONUMENT SIGN

The intent of this checklist is to provide a general guideline for the structural plan review. This checklist may not include items related to all possible projects. This checklist may include more items than specific set of structural plans may encompass.

Referenced Codes:

- 2013 California Building Code (CBC)
- ASCE 7-10
- ACI 318-11

* Code section referenced is CBC unless noted otherwise.

	Code Requirements	Code section	Req'd
1.	Monument signs shall be designed for wind loads.	ASCE 7 29.4.1	
2.	The 4/3 increase and the 2 times increase of the allowable lateral bearing pressure in Table 1806.2 for the short term loads shall be permitted for the alternative basic load combinations of section 1605.3.2. The additional 4/3 increase is not permitted for basic load combinations (working stress design) in section 1605.3.1.	1806.1 & 1806.3.4	
3.	Aluminum pipes embedded in concrete shall be effectively coated to prevent aluminum-concrete reaction.		
4.	Protection shall be provided between aluminum and steel contact to prevent aluminum-steel reaction.		
5.	Specify corrosion protection for the structural steel as it is used in an exterior condition subject to weather and moisture.		
6.	Structural wood members exposed to weather shall be naturally durable or preservative-treated wood.	2304.11.5	
7.	Timber posts and columns supporting permanent structures that are embedded in concrete that is in direct contact with the earth shall be preservative-treated wood.	2304.11.4.1	
8.	Provide method of attachment of signs and letters to existing walls. Specify on plan the weight of each sign.		
9.	Provide material specifications for the sign support framing and foundation.		