



Clark County Building Department

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Division:	Engineering	Policy & Procedure:	BD-CI-208
Subject:	DESIGN AND SPECIAL INSPECTION OF SIGNS	Effective Date:	05/01/2007
Code:	IBC Appendix H	Revised Date:	03/21/2022

A. CODE REQUIREMENT

Signs shall be designed in accordance with the IBC and the appropriate referenced standards.

B. INTERPRETATION

1. Engineering design for signs shall be required as follows.
 - Free-Standing Signs - A Nevada registered design professional shall design all free-standing signs with a height (ground level to the top of the sign) greater than ten feet or with a cabinet larger than 100 square feet. Calculations for the cabinet design are required when the maximum cabinet dimension exceeds 12 feet.
 - Wall Signs – A Nevada registered design professional shall design all wall signs that have any sign elements with an area exceeding 100 square feet, a maximum cabinet dimension exceeding 12 feet, or where the distance from the ground level to the bottom of the sign element exceeds 30 feet.
2. A geotechnical report is required for all free-standing signs that are 40 feet or greater in height (Southern Nevada Amendments to the IBC Section 1803.2). When a geotechnical report is required, then the appropriate special inspection shall be required (G or R) per Chapter 17 of the IBC.
3. Signs manufactured in a Clark County approved fabricator are exempt from having special inspection in the fabrication shop per Section 1704.2.5.1. Signs from an approved fabricator that do not meet the requirements for engineering design shall be considered work of a minor nature per Section 1704.2 Exception 1, and do not require special inspection at the construction site. Signs designed by an engineer that specify special inspection shall supersede this policy. Other special inspections (i.e., concrete, epoxy bolts) will still be required as needed.

All signs that are not fabricated by a Clark County approved fabricator shall have a structural steel special inspection for all welds (shop and field) and high strength bolting regardless of the size of the sign.

C. RATIONALE

1. The Building Administrative Code of Clark County Section 22.02.230 states that the Building Official may require construction documents to be sealed by a registered design professional. Item B.1 provides guidance for when a registered design professional is required based on the height or cabinet size of the sign. The Building Official can still require a registered design professional on any sign if special circumstances dictate regardless of the maximum height or cabinet size.
2. Section 1803.2 of the Southern Nevada Amendments to the IBC provides the requirements for when a geotechnical report is required. Item B.2 clarifies the special inspection requirements associated with the geotechnical report.

3. Section 1704.1 Exception 1 allows for special inspections to be exempted as a minor nature. Item B.3 provides guidance for when a sign is defined as a minor nature based on a minimum sign size. The Building Official can still require special inspections on any sign if special circumstances dictate regardless of the maximum height or cabinet size.

Prepared by: Engineering Division

Date Prepared: 2007

Revision History:

Title	Revision/Approved Date	Effective Date
Design And Special Inspection of Free-Standing Signs AD-CI-IBC-016		05/01/2007
Design And Special Inspection of Free-Standing Signs BD-CI-007	08/18/2008	
Design And Special Inspection of Free-Standing Signs BD-CI-007	05/20/2011	
Design And Special Inspection of Free-Standing Signs BD-CI-007	05/09/2013	
Design And Special Inspection of Free-Standing Signs BD-CI-007	06/20/2015	
Design And Special Inspection of Free-Standing Signs BD-CI-007	07/13/2016	
Design And Special Inspection of Signs BD-CI-208	01/01/2021	
Design And Special Inspection of Signs BD-CI-208	03/21/2022	

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