



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:	2024 IBC Appendix H	Revised Date:	01/06/2026

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. Signs with a built-in cantilevered canopy (drive through signs, etc.) of 50 square feet or less shall be designed for a roof point load of 300 lbs. Signs with a built-in cantilevered canopy greater than 50 square feet shall be designed for a minimum roof live load per Table 1607.1.
- Wall/Letter Signs – A Nevada registered design professional shall design the connections of the wall/letter signs to the supporting structure 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. Calculations for the cabinet design are required when the maximum cabinet dimension exceeds 12 feet. At the discretion of the Building Official, an engineered design may be required regardless of meeting the aforementioned criteria.

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. Steel special inspection consists of inspections in the fabrication shop and in the field. All signs that meet the requirements for an engineered design which are fabricated by a Clark County approved fabricator are exempt from steel special inspection in the fabrication shop per Section 1704.2.5.1; steel special inspection in the field is still required. All signs that meet the requirements for an engineered design which are not fabricated by a Clark County approved fabricator require steel special inspection in the fabrication shop and in the field. Signs that do not meet the requirements for an engineering design do not require steel special inspections regardless of fabricator approval status. 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.

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. Item B.3 is added to help clarify the definition of steel special inspection and provide guidelines when steel special inspections are warranted.

Prepared by: Engineering	Date Prepared: 01/06/2026	
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
Design And Special Inspection of Signs	BD-CI-208	01/06/2026
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Design and Special Inspection of Signs		