



SOUTHERN NEVADA BUILDING OFFICIALS (SNBO)

REGIONAL FLAGPOLE STANDARD

The purpose of this standard is to identify building permit requirements for the installation of flagpoles. This standard does not address zoning requirements or property specific deed restrictions that may apply to flagpoles. Guidance regarding design loads for flagpoles can be found in the ANSI/NAAMM FP 1001-97 "Guide Specifications for Design of Metal Flagpoles."

Ground mounted flagpole installations:

- Height is defined for ground mounted flagpoles as the distance between the top of the highest attached projection on the pole to finished grade.
- Flagpoles less than 15' high do not require building permits and are not regulated by this standard. Note that this exemption shall not be construed as allowing any unsafe flagpole condition to exist irrespective of permitting requirements.
- All Flagpoles 15 feet high or higher shall require a building permit. Permit requirements are as specified below.
 - Flagpoles with a height of 15 feet or more but less than 25 feet high are subject to the following minimum requirements:
 - A site plan shall be provided showing the location and height of the proposed flagpole.
 - The flagpole shall be of a kit form and shall be installed in strict conformance to the manufacturer's published installation requirements.
 - Custom fabricated flagpoles may be utilized provided that they are built in accordance with the design of a Registered Design Professional.
 - Flagpoles with a height of 25 feet or more but less than 40 feet high are subject to the following minimum requirements:
 - A site plan shall be provided showing the location and height of the proposed flagpole.
 - The flagpole shall be designed by a Registered Design Professional. The design must include calculations for the foundation and strength of the pole (including any connections). Material specifications must be provided.

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REGIONAL FLAGPOLE STANDARD (cont.)

- Foundation design may assume presumptive values specified in Section 1803.1 of the Southern Nevada Amendments to the 2009 IBC. Other values for geotechnical parameters may be utilized in the design where an acceptable geotechnical report is provided that substantiates such values.
- Flagpoles with a height of 40 feet or more but less than 100 feet high are subject to the following minimum requirements:
 - A site plan shall be provided showing the location and height of the proposed flagpole.
 - The flagpole shall be designed by a Registered Design Professional. The design must include calculations for the foundation and strength of the pole (including any connections). Material specifications must be provided.
 - Foundation design may not use presumptive values; a site specific geotechnical report is required.
- Flagpoles with a height of 100 feet or taller are subject to the following minimum requirements:
 - A site plan shall be provided showing the location and height of the proposed flagpole.
 - The flagpole must be designed by a Nevada Registered Structural Engineer. The design must include calculations for the foundation and strength of the pole (including any connections). Material specifications must be provided.
 - Foundation design may not use presumptive values; a site specific geotechnical report is required.

Building or structure mounted flagpole installations:

- Flagpoles less than 10' long and having their base mounted to a building or structure no more than 10 feet above finish grade do not require building permits and are not regulated by this standard. Note that this exemption shall not be construed as allowing any unsafe flagpole condition to exist irrespective of permitting requirements.
- Flagpoles more than 10 feet long or having their base mounted to a building or structure more than 10 feet above finish grade shall require a building permit. Permit requirements are as specified below.
 - A site plan shall be provided showing the location, length and base mounting height of the proposed flagpole.
 - Plans and details shall be provided to show material specifications and specific attachment requirements to the existing structure.
 - Calculations shall be provided by a Nevada Registered Design Professional to include strength of the pole (including any connections), capacity of connections to the existing structure, and suitability of the existing structure and components to receive the new loads.

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REGIONAL FLAGPOLE STANDARD (cont.)

APPROVED BY THE BELOW SNBO BUILDING OFFICIALS ON _____:

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Michael Bouse, Building Official, City of Henderson

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