



## SOUTHERN NEVADA BUILDING OFFICIALS (SNBO)

### REGIONAL FLAG POLE STANDARD

The purpose of this standard is to identify building permit requirements for the installation of flag poles. This standard does not address zoning requirements or property specific deed restrictions that may apply to flag poles. Guidance regarding design loads for flag poles can be found in the ANSI/NAAMM FP 1001-07 “Guide Specifications for Design of Metal Flag Poles.”

#### Ground mounted flagpole installations:

- Height is defined for ground mounted flag poles as the distance between the top of the highest attached projection on the pole to finished grade.
- Flagpoles less than 15 feet 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 flag pole condition to exist irrespective of permitting requirements.
- All flag poles 15 feet high or higher shall require a building permit. Permit requirements are as specified below.
  - Flag poles 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 flag pole shall be of a kit form and shall be installed in strict conformance to the manufacturer’s published installation requirements.
    - Custom fabricated flag poles may be utilized provided that they are built in accordance with the design of a Registered Design Professional.
  - Flag poles 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 flag pole.
    - The flag pole shall be designed by a Nevada 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 FLAG POLE STANDARD (cont.)**

- Foundation design may assume presumptive values specified in Section 1803.2 of the Southern Nevada Amendments to the 2024 IBC. Other values for geotechnical parameters may be utilized in the design where an acceptable geotechnical report is provided that substantiates such values.
- Flag poles 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 flag pole shall be designed by a Nevada 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.
- Flag poles 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 flag pole 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 flag pole installations:

- Flag poles 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.
- Flag poles 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.