

FALCON FIRE PROTECTION DISTRICT

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Lieutenant/Fire Inspector Curtis L. Kauffman

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Date: June 14, 2023

To: Hi-Point Home Builders
C/O: Wayne Intermill

RE: 17905 Judge Orr Road, Fire Apparatus Access

International Fire Code (IFC) - 2009 Edition

Amendments to the International Fire Code (IFC) - Local Authority Having Jurisdiction (AHJ)

National Fire Protection Association (NFPA) – Various Standards as noted within

NFPA 13 – Installation of Sprinkler Systems

NFPA 25 – Inspection, Testing and Maintenance of Water-Based Fire Protection Systems

NFPA 72 – National Fire Alarm Code

Comments: I know you called about fire apparatus access, but I thought I would add the addressing of the property also. As far as the fire apparatus access, we need to have the driveway hold the weight of fire apparatus (as noted below), the driveway needs to be minimum of 12-feet wide and have a height clearance of a minimum of 13-feet/6-inches in height. If a gated is to be at the entrance, see code below for type and width. The Falcon Fire Department approves this project provided the below fire codes are followed.

- 1) **Section 505.1. Address Identification.** New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of five (5) inches (127 mm) high with a minimum stroke width of one half (0.5) inch (12.7 mm). Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other means of signage shall be used to identify the structure.”
- 2) **Section D102.1 Access and Loading.** Access and Loading. Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds with a minimum single axle weight of 27,000 pounds.”
- 3) **Section D103.5 Fire Apparatus Access Road Gates.** Fire Apparatus Access Road Gates. Gates securing the fire apparatus access road shall comply with all of the following criteria:

1. The minimum gate width shall be 16 feet or as wide as necessary to facilitate the required turning radius.
2. Gates shall be of the swinging, sliding, or specifically approved lift type.
3. Construction of gate shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a Knox™ electronic override switch for all inbound directions of travel and any outbound direction of travel where automatic opening of the gate when a vehicle is present does not occur.
6. Manual opening gates shall not be locked with a padlock, or chain and padlock, unless they are provided with a Knox™ padlock in series with the padlock, or chain and padlock.
7. Locking device specifications shall be submitted for approval by the fire code official.
8. Electric gate operators, where provided, shall be listed in accordance with UL 325.
9. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.
10. Electronically operated gates must stay open a minimum of 30 seconds when the Knox™ electronic override switch is turned on/off and must remain in the open position when the switch is turned on and left on.
11. A Knox™ fire department decal shall be placed adjacent to the Knox™ electronic override switch unless other approved fire department marking is provided.”

Please feel free to contact me if you have any questions.

Sincerely,

Curtis L. Kauffman

Curtis L. Kauffman
Lieutenant/Fire Inspector