



CIMARRON HILLS FIRE DEPARTMENT

1835 Tuskegee Place

Colorado Springs, CO 80915

719.591.0960

Fax 719.591.0996

April 17, 2024

Joe Letke
Project Manager
El Paso County Development Services Department

Subject: My Garage at Northcrest (AL243)

The Cimarron Hills Fire Department (CHFD) has reviewed the My Garage at Northcrest Project and is providing the following comments. This is a request for a review of fire department aerial ladder trucks requirements for a minimum turning radius due to the length of the apparatus, wheelbase, and steering capabilities. Identifying any potential challenges such as narrow streets, tight corners, low clearances, or obstacles that could impact the truck's turning radius or operational effectiveness.

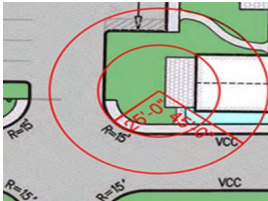
Key Elements: 2018 International Fire Code (IFC) Aerial Fire Apparatus Access Roads

1. Outside Turning Radius:

- Typically, the minimum outside turning radius for required access roadways is around 42 feet. Ladder Truck access is necessary, a greater radius (up to 60 feet) might be required.

2. Inside Turning Radius:

- Fire apparatus access roads should also have a minimum inside turning radius of at least 25 feet. This provides adequate space for the long wheelbase of fire trucks to make turns.



The safety of our community is our utmost concern. Providing properly sized and capable roadways can ensure that damage to landscaping or roadways and to fire apparatus does not occur during an incident. This is why it is so important to understand and maintain the fire department access road requirements on any project.

Respectfully,

Thomas P. Joyce
Division Chief of Fire and Life Safety
Fire Inspector III / Plans Examiner
tjoyce@cimarronhillsfire.org
719-591-0961