



Ellicott Fire Department

75 North Ellicott Highway

Calhan Colorado 80808

Phone: (719)683-7211

Email: ellicottfd33@gmail.com

Friday, February 28, 2025

To whom it may concern,

The Ellicott Fire Protection District currently provides fire protection services to Silverado Ranches as they are in our primary response area.

Ellicott Fire Protection District is currently an ISO 5/5x/10 and provides structural and wildland fire suppression services throughout the district.

We have come to an agreement to keep the current turn around where it currently is and add a second turn around at the end of the road. There will be a need for future infrastructure for fire protection. The developer will be responsible for providing a fire protection water source in the means of a minimum 30,000-gallon cistern or a pressure feed hydrant system. The next phase will require a second entrance/Exit. The attached is the minimum requirement for all turnarounds which will be the length for the 750 ft road.

Any further questions can be answered at 719-683-7211.

Respectfully,

Norma Houghton

Deputy Chief

Ellicott Fire Protection District



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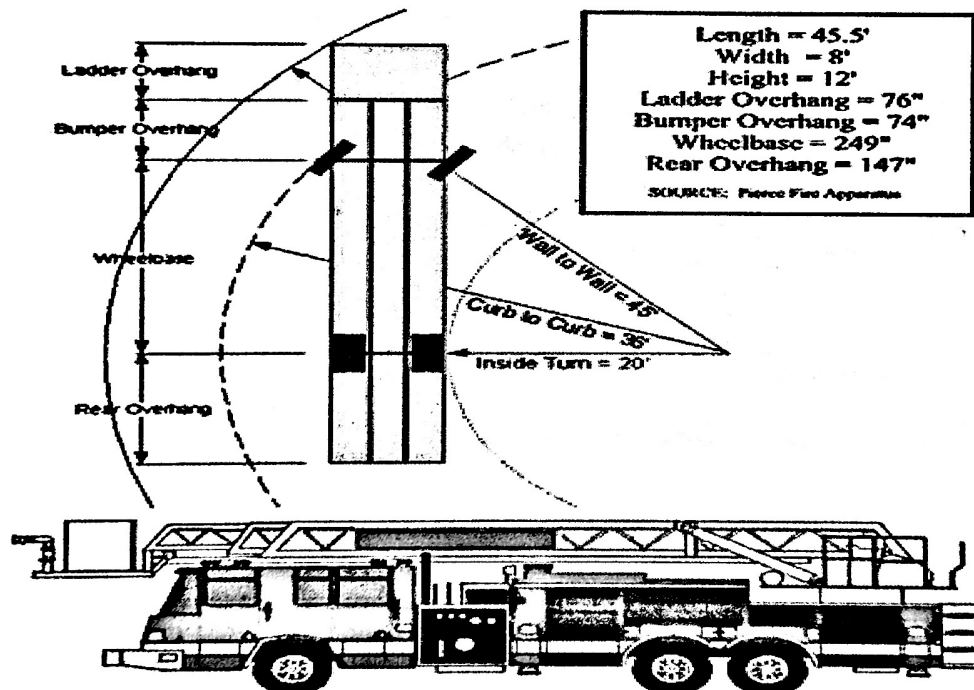
Key Elements: 2015 International Fire Code (IFC) Aerial Fire Apparatus Access Roads

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.



3. Fire Department Required Turnarounds:

- The entrance to a fire department turnaround will be marked differently depending upon the width of the roadway entering the turnaround which may or may not be based on the zone of the site.

Figure D103.1



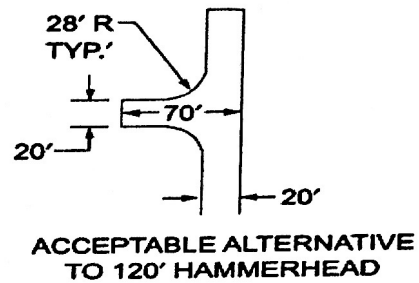
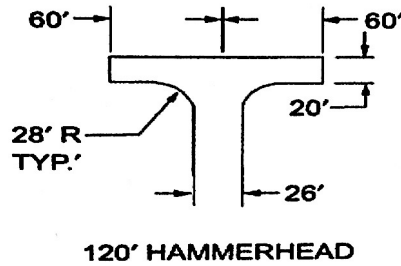
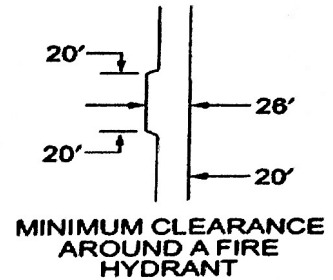
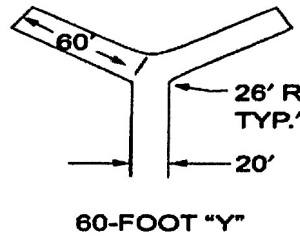
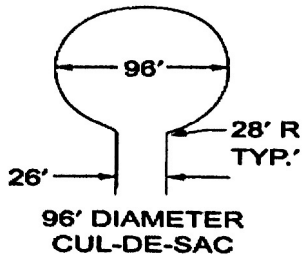
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- **D103 Dead ends.**
 - Dead-end fire apparatus access roads in excess of 150 feet shall be provided with width and turnaround provisions in accordance with Table D103.4.

Table D103.4 Requirements for Dead-End Fire Apparatus Access Roads

LENGTH (feet)	WIDTH (feet)	TURNAROUNDS REQUIRED
0 – 150	20	None required
151 – 500	20	120-foot Hammerhead, 60-foot "Y" or 96-foot diameter cul-de-sac IAW Figure D103.1
501 – 750	26	120-foot Hammerhead, 60-foot "Y" or 96-foot diameter cul-de-sac IAW Figure D103.1
Over 750		Special approval required

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.