



Location: _____

Project Name: _____

Plan Date: _____

Purpose: Each development project is unique and must be reviewed independently to ensure that for any type of emergency, your local fire department will be able to navigate and access your site quickly, safely and in any condition, have room to operate their equipment, and have access to adequate fire protection water to successfully fight a fire.

Emergency Vehicle Access / Circulation:

Fire Apparatus Access Roads shall conform to the 2009 International Fire Code, Chapter 5 & Appendix D.

Acceptable	Unacceptable See Comments	Information not Provided	
			Fire apparatus access roads shall have a paved all-weather surface and be designed and maintained to support the imposed loads of fire apparatus, (80,000 lbs). (D102.1)
			Access road extends to within 150' of all portions of the facility. (503.1.1)
			Unobstructed road width of not less than 20' wide and 13'6" Clearance. (503.2.1)
			Access Road with Fire Hydrants not less than 26' wide. (D103.1)
			Aerial Access Roads not less than 26' wide, parallel to at least one entire side of building. (D105)
			Grade – Maximum 10%. (503.2.7 & D103.2)
			Angles of approach and departure, Apparatus Specifications (503.2.8)
			Turning Radius – Model must depict Fire Department Specifications. (503.2.4 & D103.3)
			Dead Ends (503.2.5 & D103.4)
			Gates (503.5, 503.6 & D103.5)
			Signage (D103.6)
			Over 3 stories or 30' - Two Means of Access for each structure required. (D104.1)
			62,000 sq ft (124,000 w/sprinkler) - Two Means of Access for each structure is required. (D104.2)
			Multi-Family Development (2) Accesses (100+ Dwelling Units) (D106)
			One & Two Family Development (2) Accesses (30+ Units) (D107)

Fire Flow / Fire Hydrant Information:

Fire Protection Water Supplies shall conform to 2009 International Fire Code (IFC), Section 507

Fire Flow Requirements shall conform to the 2009 International Fire Code (IFC), Appendix B

Fire Hydrants, amount and distribution shall conform to the 2009 International Fire Code (IFC), Appendix C

Acceptable	Unacceptable See Comments	Information not Provided	
			Fire Flow Calculation Data; Construction Type, Building Area, Use
			Fire Hydrant Locations Provided
			Minimum Fire Hydrants Provided
			Distribution of Fire Hydrants
			Fire Department Connections (NFPA 6.4.5.4)

Other:

Acceptable	Unacceptable See Comments	Information not Provided	
			Accessibility, Chapter 11 and Appendix E 2015 IBC / ICC/ANSI A117.1 2009
			Street Names (505)
			Addresses (505)
			Knox Box Entry System (506)
			Impact on Service
			Overhead Obstructions

Comments:

Project Reviewed By

Print:

Date:

Sign:

FIRE APPARATUS SPECIFICATIONS

For use with Land Development, Fire Apparatus Access Roads, Turning Radius

Buildings Under 30' in Height

UNIT	Overall Length	Width	Wheel Base	Overhang Rear	Overhang Front Axle	Height	Tandem Axle	Cramp Angle	Turning Radius	GVW	Jack Span
Eng 5-1	383.76"		211.58"		83.50"		NO	42 Degrees	38'	48,500	N/A

Buildings 30' in Height and Over

UNIT	Overall Length	Width	Wheel Base	Overhang Rear	Overhang Front Axle	Height	Tandem Axle	Cramp Angle	Turning Radius	GVW	Jack Span
Tower 3	556"		249"	66"	138.5"	12' 5"	YES	45 Degrees	90' 6"	79,500	19'3" 5'7" One Side