LAND DEVELOPMENT PLAN REVIEW CHECKLIST

The Mecklenburg County Fire Marshal’s Office reviews land development drawings that are submitted thru the land development review process for the incorporated towns and their extra territorial jurisdiction (ETJ) areas. All land development drawings are reviewed for the following code requirements in the sketch and construction submittals:

- Road Width – Minimum 20 feet or per North Carolina Department of Transportation (NCDOT).

- Fire Apparatus Turning Radius – 30 feet inner, 42 feet outer.
  - Templates SB-30 (Engines) and B-40 (Ladder Trucks) are used and all drawings shall be scaled no smaller than 1:60.

- Water Utilities – Water lines and/or fire hydrant locations.
  - No more than 750 feet from any structures remote point.
  - Fire Department Connection (FDC) required within 200’ for NFPA13 and 750’ for NFPA13R sprinkler systems.

- Dead-End Roads – Maximum length of any dead-end road shall be 150 feet without an approved fire apparatus turn around

- Road Surfaces – All roads/commercial driveways for fire apparatus access shall be capable to support the imposed load of an 80,000-pounds.

- Secondary Access – Development of one-or two- family dwellings where the number of dwelling units exceed 30 and commercial structures 62,000sqft (no sprinklers) and 124,000sqft (with sprinklers) shall be provided with separate and approved fire apparatus access road.

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