



BST&G Fire District

Fire Prevention – Community Risk Reduction

Certification of Approval Fire Apparatus Access Roads

Prior to Above Ground Construction

These specific provisions, shall be in addition to all other applicable **2017 Ohio Fire Code Sections 501.3 through 503.6** per **2017 Ohio Fire Code Section 501.4 Timing of Installation**, shall be installed and certified prior to any above ground construction.

Per **2017 Ohio Fire Code Section 103.2 specific provision 2015 International Fire Code D-105**. Buildings more than 30 feet in height shall require an Aerial Access Road with a surface width of 26 feet. Proximity to the building, shall be a minimum of 15 feet and a maximum of 30 feet from the building, and shall be positioned parallel to one entire side of the building.

Per 2017 Ohio Fire Code, Section 503.2.3 Surface, Fire apparatus access roads shall be designed and maintained to support an imposed load of 70,000 pounds on 4 stabilizer jacks with a total surface area of 788 square inches. Under all-weather conditions, the material shall be a minimum of hard packed aggregate base during the construction phase. The Professional Engineer shall base the calculations on the base design and not on the final pavement design. Concrete or Asphalt shall be the required finished surface.

Per **2017 Ohio Fire Code Section 503.2.4 Turning Radius**:

- Shall be 65 feet outside and 35 feet inside

Per **2017 Ohio Fire Code Section 503.2.7 Grade**:

- The maximum grade shall be 10%

Per **2017 Ohio Fire Code Section 503.2.8 Angles of Approach**:

- Shall be 90 degrees

Per **2017 Ohio Fire Code Section 503 Obstruction of Fire Apparatus Access Roads**:

- Shall be enforced during construction

Certification; In addition, damage to fire apparatus due to inferior access road design or construction, shall become the joint and several liabilities of the owner, professional engineer and the installing contractor signing for this access road.

_____, A professional engineer, of _____ certifies that the fire apparatus access road has been designed and calculated for the specifications above.

_____ Date: _____

Place Engineer's Seal Here:

_____, for the contractor of _____ certifies that the road has been installed per the professionally engineered and approved drawings.

_____ Date: _____

_____, for the building owner of _____ that the fire apparatus roads have been installed prior to any aboveground construction and shall be maintained per the code requirements listed above through out the construction.

_____ Date: _____

The original form must be submitted to the Code Official prior to have any above ground construction. Code official receiving this letter _____

Date: _____