



Wright-Tallmadge Fire Department

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I reviewed the site plan for Maurie's Door at 11346 1st Ave. International Fire code has requirements for driveways, parking lots, and access roads that help ensure fire department access in the event of an emergency. All driveways and access roads must be constructed in a method which is capable of supporting the imposed load of a fire apparatus weighing at least 75,000 lbs. The design of the driveways and parking lot will allow adequate access for fire apparatus. This property will be required to have a Knox Box installed at a location approved by the Fire Chief.

Fire flow calculations are based upon construction type and whether or not the structure has a suppression system installed. Due to the distance from the roadway, the proposed structure will require a private fire hydrant to be installed at the property. In lieu of a private hydrant, the applicant has established an easement with the adjacent property in order to be able to utilize the privately owned hydrant on Geskus photography's property. In order to consider an existing hydrant on neighboring property, fire code requires easements to be established between the properties and a fire apparatus access road must extend between the properties. This access road must support the imposed load of a fire apparatus weighing at least 75,000 and it must be maintained year-round. In order to do the final fire flow calculation, I will need to be provided with the proposed construction type code for this structure.

Code References: 2012 IFC (International Fire Code)

- 75,000lb Imposed Load: D102.1
- Requirement of Knox Box: 506.1
- Fire Flow Requirements: B105.1 and C105.1

Jon Alkema

Deputy Chief

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