



## Fire Department Considerations for Site Plan Review

As you develop the site plan for your prospective project, we appreciate the opportunity to provide input on fire safety considerations. Our goal is to ensure that emergency response needs are considered early in the planning process, helping to create a safer and more accessible site for future occupants and first responders. Below are some key considerations we'd like to share for your review:

### Fire Department Access:

- Fire/Aerial apparatus access roads should be a minimum of 26 feet wide to accommodate emergency response vehicles. – *(OFC D105)*
- Adequate turning radii ( $\geq 28$  feet inside,  $\geq 50$  feet outside) is important for fire truck maneuverability. – *(OFC 503.2.4)*
- For dead-end roads exceeding 150 feet, a compliant turnaround (cul-de-sac, hammerhead, or T-turnaround) would be beneficial for emergency access. – *(OFC 503.2.4)*

### Water Supply & Hydrant Placement:

- Commercial Areas: Hydrant spacing of 300 feet or less helps ensure sufficient water supply for fire suppression. – *(OFC Appendix C102.1)*
- Residential Areas: Hydrant spacing of 400 feet or less is recommended. Higher density residential areas may require closer hydrant spacing as needed. – *(OFC Appendix C102.1)*
- It would be helpful to indicate whether the building will have a sprinkler system to determine any additional fire protection considerations.
- A hydrant located within 100 feet of the Fire Department Connection (FDC) is preferred for buildings requiring sprinkler systems. – *(OFC 507.5.1.1)*

### Ingress & Egress Considerations:

- Emergency access points should allow for multiple entry/exit routes where possible. – *(OFC Sections 503 and Appendix D)*
- Fire lanes should remain clearly marked and unobstructed to ensure quick response times.
- If the site includes gated areas, Knox Box access or an approved override system would help facilitate emergency entry. – *(OFC 503.6 & Appendix D103.5)*
- Ensuring adequate space for fire apparatus staging and ladder truck placement would support fireground operations.



## **OLMSTED TOWNSHIP FIRE DEPARTMENT**

26900 COOK ROAD · OLMSTED TOWNSHIP, OHIO 44138

PHONE: 440-235-3746 FAX: 440-235-3778

**CHIEF MATTHEW J. SCHNEIDER**

### **Building/Site Features**

- Indicating the Building Use Group along with total square footage would help in evaluating fire protection needs.
- Listing the height of the building and/or any overhangs would allow us to consider access for aerial apparatus.
- Providing details on the widths of lanes, streets, alleys, and overall traffic flow patterns would assist in assessing emergency response routes.

We appreciate your time and efforts in designing this site and look forward to working together to ensure it meets both the functional needs of the project and fire safety best practices. If you have any questions or would like to discuss any of these considerations further, please feel free to reach out.

Any questions please feel free to contact Olmsted Township Fire Department at 440-235-3764.

Thanks.



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*The Olmsted Township Fire Department is dedicated to serving the residents, businesses and visitors of the Olmsted Community with integrity. Our core values center on the protection of lives, property and environment through preparedness, prevention, public education and emergency response; we place an emphasis on quality services delivered efficiently, effectively and safely...*