

# SOMERS FIRE & RESCUE

Fire Inspector  
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## Site Plan Review Requirements

-Site Plan and permit with payment of site plan review fees shall be submitted to and approved by Somers Fire Department prior to work starting. (2) Copies required.

-Once Plan has been approved no changes are allowed without department approval.

-Site plan shall include all applicable information found below

### Site Plan Data

- ☐ Project Name done
- ☐ Project Address done
- ☐ Names of all streets on or adjacent to project area done
- ☐ Indicate North on point of compass done
- ☐ Drawing scale done
- ☐ Construction type and occupancy classification will do
- ☐ Square footage of proposed structures done
- ☐ Number of stories and building height done
- ☐ Note if building has proposed fire protection systems will do
- ☐ Note any existing buildings associated with property done
- ☐ Note any overhead utility Lines civil and/or survey

### Fire Department Access

- ☐ Access roads shall be a minimum of 20 ft with width of lane noted done
- ☐ No Greater than 8% grade on any fire access road civil - grading plan
- ☐ Gates on fire access roads shall be noted and require 20 ft clear opening with KNOX key operation n/a
- ☐ Dead end access roads greater the 150 ft require turnaround n/a
- ☐ Vertical clearance of 13 ft 6 inches required n/a
- ☐ Indicate proposed KNOX box location at main entrance and exterior sprinkler room door will do
- ☐ Turn radius simulation for 46 ft 6 inch overall length and 8 ft 6 inch width Tandem axle truck required will do
- ☐ Fire access road shall be no greater than 50 feet from exterior door done
- ☐ Access roads shall be within 150 ft of any exterior wall on first floor done
- ☐ Note any proposed temporary access roads during construction done

- ☐ A minimum wall-to-wall turning radius of 45'-0" shall be allowed for apparatus movement. will do - although not sure what this is

### Water Supply

- ☐ Note location of existing hydrants and water mains (include main size). civil
- ☐ Note Location of new hydrants and water mains (include main size). civil
- ☐ Hydrant spacing shall be no greater 300 feet of fire apparatus travel. civil
- ☐ Note proposed FDC and pumper pad, design and location per Village of Somers fire protection ordinance chapter 16 (16.24/16.25). civil
- ☐ Unobstructed hydrant clearance of 15 ft. civil
- ☐ The minimum distance from the building to a hydrant shall be equal to the height of the building plus ten (10) feet. civil
- ☐ All fire hydrants within the commercial development shall be capable of providing a minimum of one thousand five hundred (1500) GPM at twenty (20) psig. civil

### Means of egress

- ☐ Indicate all exits of building. will do
- ☐ Note exit discharge width no less than required for building occupant load. will do
- ☐ Note path to a public right of way from all building emergency exits. will do

Reference IBC/IFC, NFPA 1, NFPA 101, WI. DSPS, Village of Somers Ch 16

All fire protection systems require review process per Village of Somers CH 16

Further Information can be found at Somers.org under the tab "department services-Fire Department plan review and inspection process"