Village of
Oak Brook
1200 Oak Brook Road
Oak Brook, IL 60523-2255
Website
www.oak-brook.org

Administration
630.368.5000
FAX 630.368.5045

Community Development
630.368.5101
FAX 630.368.5128

Engineering Department
630.368.5130
FAX 630.368.5128

Fire Department
630.368.5200
FAX 630.368.5251

Police Department
630.368.8700
FAX 630.368.8739

Public Works Department
630.368.5270
FAX 630.368.5295

Oak Brook Public Library

600 Oak Brook Road
Oak Brook, IL 60523-2200
630.368.7700
FAX 630.368.7704

Oak Brook Sports Core

Bath & Tennis Club
700 Oak Brook Road
Oak Brook, IL 60523-4600
630.368.6420
FAX 630.368.6439

Golf Club
2606 York Road
Oak Brook, IL 60523-4602
630.368.6400
FAX 630.368.6419

20140204

The State of Illinois Law now requires that the attached Automatic Fire Sprinkler System Technical Submission Form be completed and returned with any building permit application for any work that is being done in a building that has a fire suppression system.

(225 ILCS 325/3) (from Ch. 111, par. 5203)

(d) A building permit for a building that requires a fire suppression system shall not be issued without the submission of a technical submission· prepared and sealed by a licensed design professional.

Fire protection system layout documents do not require an engineering seal if prepared by a technician .who holds a valid NICET level 3 or 4 .certification in fire protection technology, automatic sprinkler system layout.

An authority having jurisdiction may not accept fire protection system layout documents in lieu of technical submissions. ·Fire protection system layout documents may be submitted as supporting documents to supplement technical submissions.

However, in the event the fire protection system layout documents materially alter the technical submissions, the authority having jurisdiction shall return both the fire protection layout documents and technical submissions to the licensed design professional for review.

Please **DO NOT** include Technical Submittals with Fire Protection submittals, they are associated with the Building Permit.

Fire Sprinkler Submittal License Requirements- Any Building with Fire Sprinklers

If the building has fire sprinklers, the Technical Submittal is required even if there is NO CHANGE in the system.

Please use the following table to verify the permitted signatories for the two documents: 1) Fire Sprinkler Technical Submittal (always required) and 2) Fire Protection System Layout Documents (Shop Drawings- if installing/changing).

License / Document	Architect/P.E.	Licensed Fire Protection Engineer	NICET 3 or 4
Technical Submittal	Signature and Stamp	Signature and Stamp	NOT ALLOWED
Fire Protection System Layout Documents (Shop Drawings)	NOT ALLOWED	Signature and Stamp	Signature

(225 ILCS 325/) Professional Engineering Practice Act of 1989.

Sec. 3. Application of the Act; Exemptions.

(d) A building permit for a building that requires a fire suppression system shall not be issued without the submission of a technical submission prepared and sealed by a licensed design professional. Fire protection system layout documents do not require an engineering seal if prepared by a technician who holds a valid NICET level 3 or 4 certification in fire protection technology, automatic sprinkler system layout. **An authority having jurisdiction may not accept fire protection system layout documents in lieu of technical submissions.**

Fire protection system layout documents may be submitted as supporting documents to supplement technical submissions. However, in the event the fire protection system layout documents materially alter the technical submissions, the authority having jurisdiction shall return both the fire protection layout documents and technical submissions to the licensed design professional for review.

(f) No officer, board, commission, or other public entity charged with the enforcement of codes and ordinances involving a professional engineering project shall accept for filing or approval any technical submissions that do not bear the seal and signature of a professional engineer licensed under this Act.

If you do not have the proper credentials please do not incur additional plan review costs on yourself or your client by submitting improperly.

AUTOMATIC SPRINKLER SYSTEM TECHNICAL SUBMITTAL

Project name _____

Project address _____

Owner _____

Occupant _____

Codes and Standards REFERENCED

☐ NFPA 13-2007 ☐ NFPA 13R-2007 ☐ NFPA 13D-2007 ☐ Other _____

Local amendments - YES www.oak-brook.org

Water flow test information

Date ___/ ___ / ____ Location _____ Witness _____

Static pressure ____psi Residual pressure _____ psi Flow _____ GPM

Source _____ Seasonal or local adjustment_____

Water quality investigation (MIC or other) _____ Results _____

Building footprint _____ square feet Building height_____

Number of stories _____ Floor to floor height _____

Water supply Same as domestic _____ Size _____

Type of pipe which can be used _____

Risers _____ Bulk main _____

Cross main _____ Branch lines _____

Type of fittings which can be used _____

Backflow device/s required _____

Fire department connection

Type _____ Location _____

Fire pump and controller

Size _____ gpm @_____ psi Type of drive_____ Voltage _____

Location of service _____ Generator required _____

Water storage tank required _____ Type of tank _____

Location of tank _____ Size of tank _____

Standpipes required _____

Class _____ Type _____ Location/s _____

Required flows Top most outlet _____ Most remote _____ Total flow _____

Required valves 1 ½ _____ 2 ½ _____

1 ½ " hose required _____

Length of hose _____

Other _____

ARCHITECT OR P.E. REQUIRED

N.I.C.E.T. WILL BE REJECTED

PER STATE LAW

Page _____ of _____

Architect or P. E. Signature, Seal, Date

20140204

Area # 1 Type of system _____

Description of use of area or hazard _____

_____

_____

_____

Hazard classification _____ Commodity _____

Design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Total flow required _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Project name _____

Project address _____

Area # 2 Type of system _____

Description of use of area or hazard _____

_____

_____

_____

Hazard classification _____ Commodity _____

Design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Total flow required _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Area # 3 Type of system _____

Description of use of area or hazard _____

_____

_____

_____

Hazard classification _____ Commodity _____

Design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Total flow required _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Storage areas | Type of system _____

Description of use of area or hazard _____

_____

_____

Type of storage and maximum height Pallet _____ Bulk _____

Shelf _____ Bin box _____ Rack _____

Minimum aisles width _____ Maximum rack depth _____

Commodity classification _____ Encapsulated _____

Rack type Single row _____ Double row _____ Multiple row _____ Other _____

Flue spaces Longitudinal required _____ size_____ Transverse required _____ size_____

Ceiling design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Number of levels _____

Location _____ Type _____ Temp. rating _____ Orifice size _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Required accommodations for building structure

_____

_____

Storage areas | Type of system _____

Description of use of area or hazard _____

_____

_____

Type of storage and maximum height Pallet _____ Bulk _____

Shelf _____ Bin box _____ Rack _____

Minimum aisles width _____ Maximum rack depth _____

Commodity classification _____ Encapsulated _____

Rack type Single row _____ Double row _____ Multiple row _____ Other _____

Flue spaces Longitudinal required _____ size_____ Transverse required _____ size_____

Ceiling design criteria _____ gpm over _____ square feet

Area per sprinkler _____ square feet Stand pipe flow _____

Other water flow

Hose _____ gpm Outside hydrants _____ Special _____gpm

In rack or special sprinklers _____ gpm Number of levels _____

Location _____ Type _____ Temp. rating _____ Orifice size _____

Fire pump required _____ Submit graph sheet _____ gpm at _____psi

Required accommodations for building structure

_____

_____