

**VILLAGE OF NORTH AURORA  
AUTOMATIC FIRE SPRINKLER SYSTEM  
TECHNICAL SUBMISSION**

Project Name: \_\_\_\_\_

Project Address: \_\_\_\_\_  
\_\_\_\_\_

Owner: \_\_\_\_\_

Occupant: \_\_\_\_\_

**Design Professional Contact Information:**

Name: \_\_\_\_\_

Phone#: \_\_\_\_\_

Fax#: \_\_\_\_\_

E-mail: \_\_\_\_\_

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**Applicable Codes and Standards:**

2009 International Building Code,

2009 International Fire Code, 2007 NFPA 13, 2007 NFPA13R

2007 NFPA 14, 2007 NFPA 20, 2007 NFPA 24

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**Water Flow Test Information:**

Date: \_\_\_\_\_ Location: \_\_\_\_\_

Static Pressure: \_\_\_\_\_ Residual Pressure: \_\_\_\_\_ Flow: \_\_\_\_\_

Water Source: \_\_\_\_\_ Seasonal or local adjustment: \_\_\_\_\_

Witness: \_\_\_\_\_ Backflow Device(s) Required: \_\_\_\_\_

Water Quality Investigation (MIC or other): \_\_\_\_\_

**Building Information:**

Building Footprint (per square foot): \_\_\_\_\_ Building Height: \_\_\_\_\_

Number of stories: \_\_\_\_\_ Floor to floor height: \_\_\_\_\_ Basement: \_\_\_\_\_

**System Requirements:**

Fire Pump: \_\_\_\_\_ GPM: \_\_\_\_\_ Back-up power: \_\_\_\_\_

Water Storage Tank: \_\_\_\_\_ Standpipes: \_\_\_\_\_ Hose Stations: \_\_\_\_\_



**Area #1**

System Type: Wet | Dry | Pre-action | Antifreeze | Other \_\_\_\_\_

**Description of use of area or hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

Density: \_\_\_\_\_ Sprinkler head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and spacing per sprinkler (per square feet): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Fig 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.

**Area #2**

System Type: Wet | Dry | Pre-action | Antifreeze | Other \_\_\_\_\_

**Description of use of area or hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

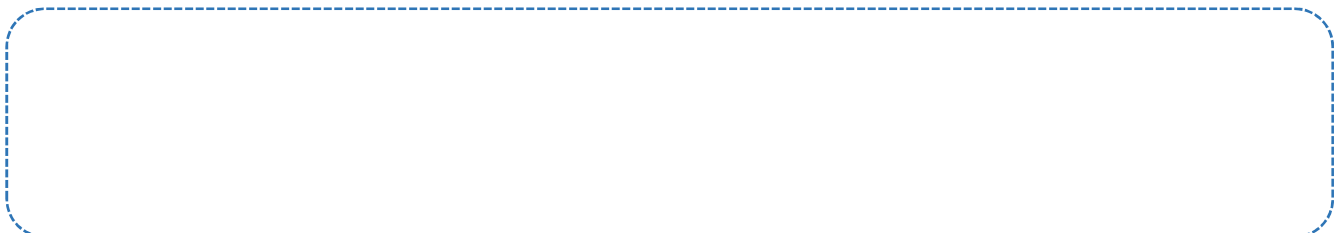
Density: \_\_\_\_\_ Sprinkler head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and spacing per sprinkler (per square feet): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Fig 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.



**Area #** \_\_\_\_\_

System Type: Wet | Dry | Pre-action | Antifreeze | Other \_\_\_\_\_

**Description of use of area or hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

Density: \_\_\_\_\_ Sprinkler head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and spacing per sprinkler (per square foot): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Fig 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.

**Area #** \_\_\_\_\_

System Type: Wet | Dry | Pre-action | Antifreeze | Other \_\_\_\_\_

**Description of use of area or hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

Density: \_\_\_\_\_ Sprinkler head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and spacing per sprinkler (per square foot): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Fig 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.

