

ST. FRANCIS FIRE DEPARTMENT

FIRE SPRINKLER PLAN REVIEW

3400 East Howard Avenue, St. Francis, WI 53235 Phone: 414-483-4424 Fax: 414-483-1117



Working Plans Checklist for: _____

Address: _____

Description	Yes	No	N/A	Notes:
Name of owner and occupant				
Location, including street address				
Point of compass				
Full height cross section of the building				
Ceiling construction				
Elevation of sprinklers relative to the ceiling				
Protection method for nonmetallic piping				
Minimum clearance from sprinklers to storage				
Locations of partitions				
Locations of fire walls				
Occupancy class of each room or area				
Maximum storage height in protected areas				
Hazard classification for area being protected				
Location and size of concealed spaces				
Location and size of closets				
Location and size of bathrooms				
Location and size of attics				
Any enclosure without sprinklers				
Size, location, and type of city main				Dead-End or Circulating
Direction and distance to nearest circulating main				
Other sources of water supply				
Make, type, and orifice size of sprinklers				
Temperature rating of all sprinklers				
Total area protected by each system per floor				
Total area protected by each system				
Number of sprinklers on each riser for each floor				
Total number of sprinklers on each wet system				
Total number of sprinklers on each dry system				
Total number of sprinklers on each preaction system				
Total number of sprinklers on each antifreeze system				
Total number of sprinklers on each deluge system				
Dry pipe system capacity				
Pipe type and schedule of wall thickness				
Pipe sizes and lengths				
Location and size of riser nipples				
Type of fittings and joints				
Location of all welds and type of fittings				
Type and locations of hangers				
Sleeves and braces when applicable				
All control valves and check valves				
Drain pipes and test connection location				
Hydrant located per code near FDC				

Working Plans Checklist for: _____

Description	Yes	No	N/A	Notes:
Make, type, model, and size alarm valve				
Make, type, model, and size dry valve				
Make, type, model, and size deluge valve				
Make, type, model, and size preaction valve				
Type and location of alarm bells				
Size, type, and location of hose equipment				
Underground pipe size, type, length, and location				
Location of underground connection to city main				
Type of underground valves, meters, and valve pit				
Depth of cover for underground piping				
Piping provisions for flushing				
Existing system information				
Scale used on plans				
Name and address of fire sprinkler contractor				
State of Wisconsin contractor license number*				
Plans signed by sprinkler contractor Qualifier*				
Plans signed & sealed by Arch., Eng., or Designer*				
All hydraulic reference points				
Design density and design area				
Hazard/occupancy classification system is designed for				
Who determined design criteria				
In-rack sprinkler demand				
Inside hose demands				
Outside hose demands				
Total system demand at supply GPM and psi				
Elevations of sprinklers and junction points				
Elevation of water supply				
Location of static and residual test				
Static and residual pressures and GPM flowing				
Date and time of flow test				
Who performed the water flow test				
Unprotected wall and floor openings				
Settings for pressure reducing valves				
Backflow preventer make, size, and type				
Type and amount of antifreeze solution used				

*All plans and/or calculations must be signed by the qualifier for the sprinkler contractor responsible for the fire protection system or a registered architect, engineer, or designer. No plans will be reviewed for code compliance without same. All plan reviews are based on information provided. All plan reviews are done for general code compliance only. This plan review does not relieve or limit the responsibility and/or liability of the fire protection contractor, architect, engineer, designer or any other responsible party for the fire protection system(s) reviewed. The City of Saint Francis and/or any of its agents and/or any firm or person hired by the city to review plans is **not responsible for and does not** accept any responsibility and/or liability for the fire protection system(s) indicated on the plans which have been reviewed.

- ___ Based on the information provided the plans reviewed appear to generally comply with state and local code.
- ___ Plans and/or calculations are not in code compliance; revise and resubmit. **Resubmittal fees will apply.**
- ___ Plans and/or calculations require changes. Revise and provide a copy at time of acceptance tests.

General comments: _____

Reviewed by: _____ Date: _____ Hydraulics checked by: _____