



Plan Submittal Requirements for Fire Suppression Systems

From: Bettendorf Building Inspection Services Department &
Bettendorf Fire, Rescue & Emergency Services Department
Subject: Plan Submittal Requirements for Fire Suppression Systems

Working plans for all fire suppression systems must be submitted to the Bettendorf Building Inspection Services Department for review prior to issuance of a permit for the installation of the suppression system. A permit application must be completed and submitted to the Bettendorf Building Inspection Services Department with the applicable permit fee. Section 107.1 of the 2015 International building Code requires that installation of the system cannot begin until the plans have been reviewed and a permit for the work has been issued. All plans, details, hydraulic calculations and other documentation must be submitted as required by Section 107.1 of the 2015 International Building Code and the applicable fire suppression system standard.

A minimum of four complete sets of prints must be submitted. One set will be retained by the Building Inspection Services Department. One set will be forwarded to the Bettendorf Fire, Rescue & Emergency Services Department. Following review, the remaining sets will be returned to the submitter. Engineers or architects completing sprinkler drawings or other fire suppression system drawings must sign a statement on the plans or on company letterhead. This statement shall indicate that the plans and hydraulic calculations have been reviewed and are in accordance with the appropriate standard(s).

- IBC 903.3.1.1 / IFC 903.3.1.1 / NFPA 13 Standard for the Installation of Sprinkler Systems
- IBC 903.3.1.2 / IFC 903.3.1.2 / NFPA 13R Standard for Sprinkler Systems for Residential Occupancies up to and Including Four Stories in Height
- IBC 903.3.1.3 / IFC 903.3.1.3 / NFPA 13D Standard for Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes
- IFC 905 / NFPA 14 Installation of Standpipe and Hose Systems
- NFPA 20 Installation of Centrifugal Fire Pumps
- NFPA 24 Installation of Private Fire Service Mains and Their Appurtenances
- NFPA 96 Ventilation Control and Fire Protection of Commercial Cooking Operations
- Or other applicable national standard

A similar statement is required in the form of a letter at the completion of the project stating that the system was installed in accordance with the reviewed drawings, that all required tests and inspections have been successfully completed, and that the system is in compliance with the applicable NFPA standard. (Any filed changes that were made need to be noted in this letter or a revised plan.)

The Bettendorf Fire, Rescue & Emergency Services Department must be notified at least one working day prior to the final testing of these systems so that a representative may be present to observe the test. A copy of the completed test documentation must be provided to the Bettendorf Building Inspection Services Department and a copy to the Bettendorf Fire, Rescue & Emergency Services Department