



Commercial/Industrial Fire Sprinkler Plan Deferred Submittal

Project Address _____

Design Professional's Declaration

In order to expedite the review of your deferred sprinkler plan, and assure that the installation of fire sprinklers is compatible with the structural design of this building, please have the respective design professionals review your plan and complete the following declaration. This completed document should then be submitted with the sprinkler design drawings to the Building Division. Please note that if sprinkler plans are revised, a current copy of this form must be submitted with the revised sprinkler plans showing that the Engineer of Record has reviewed the changes.

ARCHITECT OR ENGINEER OF RECORD

I have reviewed the attached plans (prepared by _____ and dated _____) and I conclude that:

1. The plans include sufficient detailing to demonstrate where and how all hangers and bracing are to be attached to the building structure (see back for **detail requirements**).
2. These plans, details, and additional loading have been reviewed by me and are in conformance with the building's overall structural design assumptions and the hanger load and seismic requirements of 1999 edition of NFPA 13 (see back for **detail requirements**).

Signature of Architect/Engineer

Date

TRUSS MANUFACTURER

I have reviewed the attached plans (prepared by _____ and dated _____) and I conclude that:

1. The hanger and bracing details (see back for **detail requirements**), as shown, are in conformance with the truss manufacturer's overall design and assumptions and will not detrimentally affect the intended performance of the manufactured trusses installed within this building.

Signature of truss manufacturer design professional

Date

Company Name

PLEASE SUBMIT THIS COMPLETED FORM AND YOUR FIRE SPRINKLER PLANS TO BUILDING DIVISION.

Fire Sprinkler Detail Requirements

Please include sufficient details with your fire sprinkler plan, which clearly show:

1. Method(s) of attachment for hangers and bracing. Note that the manufacturer's attachment details for wood trusses must match the truss being used (do not use details from one manufacturer for another manufacturer's truss).
2. Applicable load for corresponding attachment include the following:
 - a) The weight of the water-filled pipe plus the 250-pound load applied at the point of attachment (see 1999 edition of NFPA 13, Section 6-2.1.3.).
 - b) Earthquake bracing load calculations (see 1999 edition of NFPA 13, Sections 6-4.5, 6-4.6, & 6-4.7). Also, attachments in wood to be a minimum of ½" through bolts with washers and nuts (do not use lag bolts).
 - c) Branch line restraint to be per 1999 edition of NFPA 13, Section 6-4.6.
 - d) All other loads and attachments to be per 1999 edition of NFPA 13.
 - e) The minimum required edge distances for bolts in accordance with the ANSI/NFOPA (National Forest Products Association) NDS-97 National Design Specification for Wood Construction of the American Forest and Paper Association, 1997 edition and supplement.
3. Size of pipe, structural member supporting pipe, and fasteners.