



OKLAHOMA CITY FIRE DEPARTMENT

Fire Marshal's Office

Interpretation

Interpretation #: OKCAHJ-2018-03	Subject of Interpretation: Plans Review for Fire Protection Systems	
Code Reference: IFC Section 901.2 and 901.2.1		
Reviewed By: Robert Crisp	Title: Assistant Fire Marshal	Effective Date: 4/16/2018
Approved By: Harold Thompson	Title: Fire Marshal	Revision Date: N/A

Purpose:

To provide guidance and consistency, regardless of the project size, for fire protection systems contractors in the submission and responsibility for the fire protection system working plans.

Description of Code Reference:

International Fire Code (IFC) 901.2 states the fire code official shall have the authority to require construction documents and calculations for all fire protection systems, and that the documents shall be submitted for review and approval prior to system installation. Furthermore, Section 901.2.1 states, that fire protection system shall be installed in accordance with approved plans and has been tested in accordance with the manufacturer's specifications and the appropriate installation standards.

Policy based on the Interpretation of the Authority Having Jurisdiction (AHJ):

Prior to plan submittal to the Fire Marshal's Office, a review by a NICET Level III or Level IV design professional is required for the purposes to assume responsibility for the design the fire protection system working plans. The working plans shall be signed, dated and sealed by the design professional.

Where significant changes occur to the project that require deviation from the approved plans; revised plans shall be submitted for approval prior to installation of the revision.

Fire alarm system plans and specifications shall be developed in accordance with NFPA 72 by persons who are experienced in the proper design, application, installation, and testing of fire alarm systems. The fire alarm submittal shall include battery calculations, sequence of operations, voltage drop calculations, a riser diagram, a symbol legend, and, if utilizing ceiling mounted strobes, the appropriate ceiling heights, as required in NFPA 72.

Fire sprinkler system plans and specifications shall be developed in accordance with NFPA 13, 13D or 13R by persons who are experienced in the proper design, application, installation, and testing of fire sprinkler systems. The sprinkler plan submittal shall include hydraulic calculations, manufacturer's data sheets, and any other documents needed to be in compliance with NFPA 13, 13D, or 13R.