



PLAN SUBMITTAL REQUIREMENTS FOR LESS THAN 21 SPRINKLER HEADS West Des Moines Fire Prevention Division

The following applies to plan submittal requirements for Automatic Sprinkler Systems to the City of West Des Moines Fire Prevention Division. In accordance with Section 901.2 of the 2021 International Fire Code (IFC): “The fire code official shall have the authority to require construction documents and calculations for all fire protection systems.” The West Des Moines Fire Prevention Division reserves the right to request, review and comment on plans if deemed necessary.

Per WDM Section 114.1 of Supplement to International Fire Code 2021 – Life Safety Plans: If required life safety plans are not received at the WDM Fire Dept. prior to 7 days before final certificate of occupancy inspection is scheduled, a fee of \$200.00 shall be paid by the submitting company prior to inspection taking place.

The West Des Moines Fire Prevention Division requires the following submission documents for minor additions/modifications/relocations of an existing automatic sprinkler system that does not require a full plan submittal:

- 1) Any addition and/or modification involving less than 21 sprinkler heads to an existing automatic sprinkler system must provide the following:
 - a. Completed plan review application
 - b. Payment in the correct amount determined by the fee estimator schedule (on back)
 - c. Data spec or cut sheets for the product being used
 - d. Plans or simple drawing showing the floor plan of the area in which the work is being conducted and the sprinkler heads affected
 - e. Letter of intent signed by a qualified designer (NICET III or above in Water-Based Layout on file with the WDM Fire Prevention Division) stating:
 - i. The hydraulic water supply will be sufficient and that the work being performed will not negatively impact the existing hydraulics
 - ii. The added or modified sprinklers are not adding to nor are they creating a new remote area
 - iii. The exact number of sprinklers being added/moved/modified and why
 - iv. Time schedules for the work (start date and projected completion date)
 - v. The system will be installed in accordance with all applicable codes and standards
 - vi. Statement indicating or acknowledging that all work and materials shall comply with the requirements of NFPA 13
- 2) Any addition/modification involving 13D, 13R, paint booths, pipe-schedule designed systems, and other special application sprinkler systems require a full plan submittal, no exceptions.



West Des Moines Fire Department Plan Review Fee Schedule

Standard Plan Review Fee is \$112 \$ _____

OR

RUSH Plan Review Fee is \$200 \$ _____
(If final inspection is required in less than 7 business days)

Total Fee Enclosed: \$ _____

Include payment with plan review submittal. If you have questions about the form or how to calculate the fees, please call the West Des Moines Fire Department Prevention Division at (515) 273-0643.

Plans will not be reviewed until payment is received.

All questions regarding submissions can be directed to:

West Des Moines Fire Prevention Division
Office: (515) 273-0643
Email: fire@wdm.iowa.gov