



CITY OF MARATHON FIRE RESCUE

OFFICE OF THE FIRE MARSHAL

8900 Overseas Hwy.
Marathon, FL 33050

"Dedicated to Community Fire Protection"

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Fire Sprinkler Submittal Checklist

The following Fire Sprinkler Submittal Checklist is required information for fire sprinkler permit review. Use of this form does not guarantee that plans will be accepted on the first submittal, but will aid in reducing the number of resubmittals required due to lack of information or conflicting information being provided. **This checklist should not be considered to be all inclusive. Additional information may be required. Use of this checklist will not eliminate the requirement for a good knowledge and understanding of NFPA 13, Standard for the Installation of Fire Sprinkler Systems, and/or other appropriate NFPA standards.**

For issuance of the fire sprinkler permit and prior to fire sprinkler concealment inspections, the following information and/or forms shall be provided:

- Include payment for permit fees.
- Plans showing the following items are attached:
 - Symbol legend(s) showing the meaning of all symbols used and identifying the make, type, nominal orifice size, and temperature rating of all fire sprinklers.
 - Plans drawn to an approved scale or showing *all* dimensions.
 - Occupancy labels provided on *all* rooms.
 - Plans neat and professionally drawn.
 - Full height cross section showing building construction details provided for new sprinkler systems. (Not required for adds and relocates.)
 - Plans shall show all walls, partitions, soffits, or other building construction that will affect the water distribution of fire sprinklers.
 - Sprinkler heads spaced and located in accordance with the applicable NFPA standards.
 - Total area protected by each system on each floor.
 - Approximate capacity in gallons of each dry pipe system.
 - Nominal pipe size and cutting lengths of pipe (or center-to-center dimensions) for all sprinkler piping. Where typical branch lines prevail, it is necessary to size only one typical line.
 - Pipe type(s) and schedule(s) of wall thickness.
 - For adds and relocates, enough of the existing system shall be shown to make all conditions clear.
 - Hydraulic reference points corresponding with comparable reference points in the hydraulic calculations.
 - Any other information identified in section 14.1.3 of the 2002 edition of NFPA 13 that may be deemed appropriate for review by the fire protection technologist.
 - Plans and hydraulic calculations signed and sealed by engineer if system involves more than 49 heads.

- Provide hydraulic calculations supporting pipe sizing. Calculations shall be checked to insure that they are complete and correct. This shall include, but not be limited to pipe sizes, pipe lengths, number and types of fittings, densities, piping arrangement, Hazen-Williams C-factors, elevations, and water flow availability.
- Provide exact specifications for any specialized devices or equipment, which will have an effect of the fire sprinkler hydraulic calculations.
- Submittal data for all fire sprinkler equipment to be installed, including but not limited to: fire sprinklers, backflow prevention devices, fire sprinkler piping, valves, fittings, and any other specialized devices.

I attest that the information noted above has been provided for review and approval and take full responsibility for its content.

Signature of contractor or contractor's representative

Date