

FIRE SPRINKLER CONSTRUCTION PERMIT

806 WEST MAIN STREET • MONROE, WA 98272
Phone (360) 863-4501 • building@monroewa.gov
www.monroewa.gov

SUBMITTAL REQUIREMENTS PER IFC 105.7.1

THE PURPOSE OF THIS CHECKLIST IS TO DETERMINE COMPLETENESS OF A SUBMITTAL.
THE CHECKLIST DOES NOT VERIFY THE ACCURACY OF MATERIALS RECEIVED.

SECTION I - JURISDICTION SPECIFIC REQUIREMENTS

There are no jurisdiction-specific requirements for a water-based fire protection system in the City of Monroe.

SCOPE OF WORK:

1. Does the project involve more than 3 fire sprinklers, valves, or pipes, OR does it involve an Alternative Automatic Fire-extinguishing system (including hood suppression system)?

- Yes - Continue to Section 4 - A complete plan review is required
- No - Continue to question #2

2. Is the project limited to the addition, replacement, relocation, or removal of 3 or fewer fire sprinklers or components, not including a riser?

- Yes - See Over the Counter Permit Requirements (Section 3)
- No - Continue to Section 4 - A complete plan review is required

SECTION 3 - OVER THE COUNTER PERMIT REQUIREMENTS

The project qualifies for an over the counter permit if the project scope of work is the additional, relocation or removal of 3 or fewer fire sprinklers or components, none of which is a riser.

Provide a **FLOOR PLAN AND GENERAL SUBMITTAL REQUIREMENTS** (which meet the requirements of section 4 and 5 below) with this application.

An over the counter permit will be issued and you may install the Fire Sprinkler System after the permit issuance, provided that it is installed in accordance with the 2018 International Fire Code.

APPROVAL IS SUBJECT TO FIELD INSEPCION

INSTRUCTIONS FOR APPLICATION SUBMITTAL:

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Below is a checklist of items that must be submitted as part of your application for a Fire Sprinkler System Construction Permit.

If you have any questions about what is required, or if you would like to schedule an intake appointment, please call the Permit Division at (360) 863-4501.

SECTION 4 - GENERAL PROJECT SUBMITTAL REQUIREMENTS

- Combined Permit Application
- Stamped layout drawings showing the scope and area of work and connection points.
- Cut sheets for fire sprinklers, valves, connectors, hanger, bracing, and risers
- Stamped hydraulic calculations, or a note indicating that area of work is less demanding than the existing demand area.

SECTION 5 - FLOOR PLAN REQUIREMENTS

- Original wet stamp and signature of system designer on layout drawings and calculation
- Documentation that system designed to 2013 Edition of NFPA 13, 13D, or 13R.
- Show the piping and connection of fire sprinklers.
- Distance between fire sprinklers and other sprinklers, walls, and obstructions
- Explanation of why omissions (if any) are being proposed
- Location of bracing and hangers
- Location of risers and valves

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ADOPTED STATE CODES - EFFECTIVE FEBRUARY 1ST, 2021

The City of Monroe enforces the following Washington State Building Codes and amendments; the Washington Administrative Code (WAC) Title 51 and as amended by the Monroe Municipal Code Title 15:

2018 International Building Code (IBC)
2018 International Existing Building Code (IEBC)
2018 International Residential Code (IRC)
2018 International Fire Code (IFC)
2018 International Mechanical Code (IMC)
2018 International Fuel Gas Code (IFGC)
2018 Uniform Plumbing Code (UPC)
2018 ICC Energy Conservation Code with State amendments

STRUCTURAL DESIGN CRITERIA

Seismic Design Category: IRC D1/D2 IBC - D

Basic Wind Speed: 110 mph

Exposure Category: B

Frost Depth: 18"

Snow load: 25 lbs./sq. ft.

*A soils investigation is required for commercial projects, residential short plats and subdivisions and some instances residential lots.

The city may require additional information not specified in the submittal requirements in order to assure compliance with the Monroe Municipal Code.