



**Broward Sheriff's Office  
DEPARTMENT OF FIRE RESCUE AND EMERGENCY SERVICES  
Fire Marshal's Bureau**

**WESTON DISTRICT**  
17250 Royal Palm Boulevard  
Weston, Florida 33326  
954-385-0500 Fax: 954-384-7723

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## **AUTOMATIC FIRE SUPPRESSION SYSTEM SHOP DRAWING SUBMITTAL REQUIREMENTS**

An **Automatic Fire Suppression System Shop Drawing** is required for review by the Fire Prevention Bureau for any modification(s) or change(s) to existing automatic fire suppression systems and any new installations. The Automatic Fire Suppression System Shop Drawing(s) must include all of the information listed below. ***If any portion does not apply, a note must be provided on the plan stating that it is not applicable.*** If any portion of the requested information is not provided or clarified, the plan will be returned for that provision or clarification to be made and a re-examination fee may apply. Should you have any questions, please contact the Fire Prevention Bureau with the information provided in the letterhead.

### **THE AUTOMATIC FIRE SUPPRESSION SYSTEM SHOP DRAWING MUST INCLUDE ALL OF THE FOLLOWING:**

1. A detailed Scope of Work.
2. A Scaled plan with the scale indicated.
3. North Directional Indicator.
4. A total square footage of the tenant space.
5. A complete legend in accordance with the Fire Safety Symbols of NFPA-170, Current Adopted Edition. (to include all symbols related to plan).
6. The plans must be signed and sealed by the architect and/or engineer. If the job value is less than \$5,000.00 and the plan is not signed and sealed by the architect or engineer, provide a copy of the signed contract with the plan submittal.
7. Provide product spec sheets for all portions, devices, nozzles, appliances, micro switches, etc. of the automatic fire suppression system.

8. A note on the plans that the System shall be installed in accordance with NFPA17A-Current Adopted Edition.
9. Hi-light all model numbers and associated flow points applicable to each device, nozzle, appliance, etc. on all product spec sheets.
10. Demonstrate the size, length and arrangement of connected piping.
11. Demonstrate the locations of all nozzles.
12. Demonstrate the locations of all fusible links.
13. Demonstrate the location(s) of the wet chemical tank.
14. Provide a sequence of operation.
15. Provide a note or demonstrate on the plan that the operation of the automatic fire suppression system installed within the protected premises shall cause an alarm signal at the protected premises fire alarm control unit. NFPA-72, Current Adopted Edition. (where applicable)
16. Demonstrate the flow point calculations.

**\*\*\*NOTE\*\*\*NOTE\*\*\*NOTE\*\*\*NOTE\*\*\*NOTE\*\*\***

17. ***A letter-format response is required for all corrections made to any portion(s) of the plan indicating the page or sheet numbers where the corrections can be found. Failure to provide this letter format response will result in the plan being rejected without review. Additional plan review fees shall be applied.***
18. ***If any item(s) is overlooked in the plan review process and discovered during the field inspection it MUST be corrected to meet the actual code requirements.***