

# Marietta Fire Department

<b>Fire Marshal's Office</b>  <b>Plan Review</b>	<b>NFPA 13R/Modified Plan Review Checklist<sup>1,2</sup></b> <p>Job Name: _____      Address: _____ Bldg: _____ Suite: _____      City: _____ Zip: _____</p> <p><b>GENERAL BUILDING INFORMATION:</b>  <input type="checkbox"/> Modified Commercial System    <input type="checkbox"/> Low-rise Residential Occupancy Sys  <input type="checkbox"/> New Construction    <input type="checkbox"/> Retrofit    Building plans on file Y <input type="checkbox"/> N <input type="checkbox"/>      Area of Building: _____ Number of Stories _____      Sprinkler Company: _____      Responsible Party: _____ Phone: _____      Email: _____</p>
✓ = Pass, X = Fail, NA = Not applicable <b>Status</b>	
<b>DRAWING/SUBMITTAL REQUIREMENTS</b>	
1) Permitted name and address on each page of the plans with applicable design code(s) [8.1.7]	
2) Each page of plans and coversheet of calculations must have seal, date, and signature of the qualified sprinkler designer [8.1.1, 120-3-19-.11(1)]	
3) <b>All submittals must be made through SagesGov</b> - Provide a set of drawings; a set of hydraulic calculations; and all materials (including sprinkler heads) used on the job [AHJ]	
4) Plans shall be drawn to a common scale or have all dimensions clearly marked [8.1.3]	
5) Clearly label each room and/or identify use [8.1.7]	
6) Show overhead view; include ceiling fixtures (i.e. fans, lights, etc.) [8.1.5]	
7) Provide water supply information, flow test, and 24-hour demand graph on plans – use the 50% demand point for calculation [9.6]	
8) Provide a cut sheet for each type of sprinkler head used [8.1.7]	
9) Show make, model, size, K-factor, temperature, style, quantity, and flow demand for all sprinkler heads [8.1.7]. Residential sprinklers shall only be used in residential occupancies.	
10) Show complete riser detail, including control valve, test and drain, pressure gauges on each side of check valve, and flow switch [8.1.7].	
11) Local water flow alarm location or call out exception [8.1.7]	
12) Provide freeze protection/insulation detail [8.1.7]	
13) Show the drain to discharge outside the building	
13) Show Ceiling construction of each space [8.1.7]	
14) Show detail of all hangers used [8.1.7]	
15) Identify or call out maximum head spacing [4.3]	
16) Identify and provide detail for each pipe material used [8.1.7]	
17) Identify and call out remote/design area for a 4-head flow test [10.1.4]	
18) Callout/provide remote/design area hydraulic data [8.1.7]	
19) Show a single 1-½ in. fire department connection with permanent/raised identification [6.11]	
20) Provide hydraulic calculations in accordance with chapter 8	
21) For Approved Modified Systems - Provide the following note on the plans: THIS IS A MODIFIED SPRINKLER SYSTEM NOT EQUIPPED WITH UNDERGROUND INFRASTRUCTURE OF A NFPA 13 FIRE SPRINKLER SYSTEM. FUTURE CHANGES IN THE BUILDING'S USE OR CLASSIFICATION MAY REQUIRE THIS SYSTEM TO BE REMOVED AND UPGRADED.	

<sup>1</sup> The above is not an all-inclusive list; all applicable fire and life safety provisions must be met.

<sup>2</sup> NFPA 13R, 2013 Edition

Notes: \_\_\_\_\_  
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Reviewer: \_\_\_\_\_ Date: \_\_\_\_\_