



**NFPA 13R SPRINKLER
 PLAN REVIEW CHECKLIST**

I. Administrative

1. Professional seal on four sets of construction documents: Provided Required
2. Four sets of hydraulic calculations with Professional Seal w/ one wet seal (A304.1):
 Provided Required
3. Work done by licensed FSS contractor:
 Yes No

II. Pre-Requisite Approvals

1. Historic Commission approval:
 Provided Required N/A
2. Water available stamp:
 Provided Required
3. Approved building permit:
 Provided Required N/A

III. Supplemental Documents

1. PWD Flow test data Screenshot:
 Provided Required
2. CP-100 (New BFP) / CU-100 (Existing BFP)
 Provided Required
3. Backflow system approved on PWD list:
 Yes No N/A
4. Backflow installer certified on PWD list:
 Yes No N/A

IV. Plan Review

1. Type of system: Wet Dry/Antifreeze
2. Is 13R permitted: Yes No
3. FDC provided (6.11): Yes No
4. Backflow provided: Yes No
5. Sprinkler head specifications for all types*:
 - a. Type: _____ / _____
 - b. Make & model: _____ / _____
 - c. K factor: _____ / _____
 - d. Maximum coverage: _____ / _____
 - e. Minimum spacing: _____ / _____
6. FSP corresponds to approved bldg plan:
 Yes No

7. Sprinkler piping path is continuous to all heads:
 Yes No
8. Service line size defined and shown on plan:
 Yes No
9. Riser Diagram @ Service area/Point of entry:
 Provided Required
10. Is Fire pump installed (9.4): Yes No N/A
 - a. UL Listed Fire pump installed per NFPA 20:
 Yes No
 - b. Is the fire pump located in compliant room:
 Yes No
 - c. Fire pump Specifications:
 Provided Required
11. Distance from Heat Sources (6.2.3):
 Yes No N/A
12. Design discharge of min 0.05 gpm/sq.ft complies (7.1.1.1): Yes No
13. Design area location identified (7.1.1.3):
 Yes No
 - a. Most hydraulically demanding area used:
 Yes No
 - b. Number of design sprinklers: _____
14. Sprinkler Coverage adequate / exceeds maximum coverage area: Yes No
15. Sprinkler spacing adequate – slope (6.4.2):
 Yes No
16. Minimum Operating pressure of sprinkler heads complies with manuf. specifications and minimum 7 psi (6.4.5): Yes No
17. Position of sprinklers adequate (6.4.6):
 Yes No
18. Obstructions considered (6.4.6.3):
 Yes No N/A
19. Sprinklers in garages (7.3):
 Provided Required N/A



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20. Sprinkler heads located in all required areas **(6.6)**:

Yes No

a. Exempt locations checked: Yes No

21. Hydraulic calculations provided: Yes No

A. Nodes correspond to FSP: Yes No

B. Summary sheet and detailed worksheet

Provided Required

C. Supply and demand

Provided Required

D. Graph sheet (including pump sheet if applicable)

Provided Required

E. Adequate supply for system demand

Provided Required

F. Control values for shutoff **(6.8.1)**:

Provided Required

G. Test and drain connection **(6.9/6.10)**:

Provided Required

*Additional sprinkler head specifications: