



**NFPA 13D SPRINKLER
 PLAN REVIEW CHECKLIST**

I. Administrative

- Professional seal on three sets of construction documents: Provided Required
- Three sets of hydraulic calculations with Professional Seal w/ one wet seal (A304.1):
 Provided Required
- Work done by licensed FSS contractor
 Provided Required

II. Pre-Requisite Approvals

- Historic Commission approval
 Provided Required N/A
- Approved building permit
 Provided Required N/A
- Water available stamp
 Provided Required

III. Supplemental Documents

- PWD Flow test data Screenshot:
 Provided Required

IV. Plan Review

- Type of system: RFSS Standalone
- Is 13D permitted: Yes No
- BACKFLOW (if applicable): Yes No
- Sprinkler head specifications for all types:
 - Type: _____ / _____
 - Make & model: _____ / _____
 - K factor: _____ / _____
 - Maximum coverage: _____ / _____
 - Minimum spacing: _____ / _____
- Is a Fire pump installed: Yes No N/A
- Tank storage capacity sufficient for sprinkler demand: (2 heads for 10 min)
 - Tank size: _____
- FSP corresponds to approved building plan:
 Yes No
- Service line size defined: Yes No
- Riser diagram @ Service area/Point of entry:
 Provided Required

- Water quality protection measures provided:
 - Connection to remote toilet
 - Backflow (if applicable)
- Design discharge of min 0.05 gpm/sf complies (10.1.1): Yes No
- Design area location identified: (10.2.1)
 Yes No
 - Most hydraulically demanding area used:
 Yes No
 - Number of design sprinklers: _____
- Sprinkler piping path is continuous to all heads:
 Yes No
- Sprinkler spacing (8.2): _____
- Minimum operating pressure of sprinkler heads complies with manuf. specs. and min. 7 psi (8.1.4):
 Yes No
- Obstructions considered (8.2.5.3):
 Yes No N/A
- Sprinkler heads located in all required areas (8.3):
 Yes No
 - Exempt locations checked: Yes No
- Hydraulic calculations provided: Yes No
 - Nodes correspond to FSP: Yes No
 - Summary sheet and detailed worksheet
 Provided Required
 - Supply and demand
 Provided Required
 - Graph sheet (including pump sheet if applicable)
 Provided Required
 - Adequate supply for system demand
 Provided Required
 - Control valves for shutoff (*prohibited for standalone*) (7.1):
 Provided Required
 - Test and drain connection (7.2):
 Provided Required