



Redlands Fire Department

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NFPA 13D PLAN REVIEW CHECKLIST

Redlands Fire Department has created this checklist to assist design professionals submit comprehensive plans for one- and two-family dwellings. This proactive approach aims to enhance fire safety by guaranteeing that all necessary elements are included and properly accounted for in the design process. By streamlining the submission process, the checklist minimizes potential oversights and ensures compliance with fire safety regulations. The following code sections reference the 2022 California Fire Code and the 2022 version of NFPA 13D.

REQUIREMENTS ON PLANS FOR WET CHEMICAL (17A) SYSTEMS:

- A scaled drawing where required should show the following: (A4.4)
 - 1.) Project site address.
 - 2.) Size and type of domestic line, from public water main connection to riser.
 - 3.) Water meter size.
 - 4.) Current static water pressure.
 - 5.) Interior walls.
 - 6.) Sprinkler (s) model, manufacturer, temperature, orifice size, and spacing requirements.
 - 7.) Size and type of overhead pipe.
 - 8.) Hanger spacing requirement per the pipe manufacturer.
 - 9.) Riser detail.
 - 10.) Installing contractor information.
 - 11.) Hydraulic calculations for each spacing design utilized. (ex. 16' x 16' , 18' x 18', 20' x 20').