



**PLAN CHECK CORRECTION SHEET
FOR NFPA 13R 2022**

This is intended to provide uniform application of the codes by the plan check staff and to help the public apply the codes correctly.

Section: Mechanical Plan Check

Plan Check/PCIS Application No.: _____ Date:

Job Address:

Applicant Name:

Address: _____ Phone:

City/State/Zip: _____ E-mail:

Plan Check Engineer: _____

Telephone: _____ E-mail: *firstname.lastname@lacity.org*

Your feedback is important; please visit our website to complete a Customer Survey at www.ladbs.org/LADBSWeb/customer-survey.jsf.

If you have any questions or need clarification on any plan check matters, please contact a plan check supervisor or call our Customer Hotline at (213) 482-0056.

Your plans have been examined and the issuance of a permit is withheld for the reasons set forth. The approval of plans and specifications does not permit the violation of any section of the Code, or other local ordinance or state law.

INSTRUCTIONS:

- Corrections with circled item numbers apply to this plan check.
- Additional corrections are at the end of the list.
- Incomplete or non-legible drawings or calculations will not be accepted.
- Incorporate all comments as marked on the checked set of plans and calculations and this correction sheet.
- For each correction indicate the sheet number and detail or note number on the plans where the corrections are made.
- **WHEN YOU HAVE COMPLIED WITH ALL CORRECTIONS, CALL OR EMAIL THE PLAN CHECK ENGINEER TO MAKE AN APPOINTMENT FOR VERIFICATION**
- **PLEASE BRING THE MARKED UP PLANS AND THE CORRECTIONS SHEET TO THE VERIFICATION APPOINTMENT**

SEE MARKED UP PLANS FOR CLARIFICATIONS OF CORRECTIONS.

GENERAL

1. Plans shall bear the registration or license number and signature of an architect, contractor, or engineer, registered by the State of California in the appropriate discipline. (LAPC 103.2.1, State of California Business and Professional Code Div. 3, Chap. 7, Art. 3, Sec. 6735.4; LAPC 101.5.2)
2. Indicate the job address on each page of the plan. (NFPA 13R Sec. 8.1.7(3))
3. Provide an approved modification letter to allow plans at a scale smaller than 1/8 inch per foot. (LAPC 101.5.4)
4. Indicate on the plans the scope of the work to be done. (LAPC 103.2(1))
5. Provide site piping plans. (NFPA 13R Sec. 8.1.7 (10); 8.1.7 (22))
6. Provide lot subdivision. No fire protection system shall be located on any other lot than the lot which is the site of the building served by that system. (LAPC 2005.0)
7. State piping materials. (NFPA 13R Sec. 5.2.1; 5.2.2; 5.2.3.1, 8.1.7(16))
8. Nonmetallic piping shall not be installed in ordinary hazard rooms. (NFPA 13R Sec. 5.2.3.6)
9. The minimum meter size shall be _____ based on the design flow. (LADWP requirement and NFPA 13R Sec. 9.3 (1))
10. Install a listed reduced pressure principle backflow device at the meter. (LADWP Rule 16D Sec 7.2)
11. The reduced pressure principle backflow device shall have the same nominal size as the meter. (LADWP Rule 16D Sec 8.6)
12. Provide a fire department connection and specify size. (NFPA 13R Sec. 6.11.1; 6.11.2)
13. Provide a complete riser diagram. (LAPC 101.5.3, LAPC 103.2.2; NFPA 13R Sec. 8.1.7)
14. The riser diagram shall show pipe sizes, Fire Department connection (if required), water meter, eventual reduced pressure principle backflow device, check valves, control valves, pressure regulators, fire departments outlets, drain lines, inspector test, and flow switches. (LAPC 101.5.3, LAPC 103.2.2; NFPA 13R Sec. 8.1.7 (7), (10), (16), (28), (33), (36))

SPRINKLERS

15. Install sprinklers in every room. (NFPA13R Sec. 4.1; 4.2(1); 6.6.1)
16. Install sprinklers in the bathrooms exceeding 55 square feet. (NFPA 13R Sec. 6.6.2)
17. Install sprinklers in the closets exceeding 24 square feet. (NFPA 13R Sec. 6.6.3)
18. Install one quick response sprinkler in the attic to protect the furnace. (NFPA 13R Sec. 6.6.6.1)
19. Install sprinklers in public staircases. (NFPA 13R Sec. 6.6.9.4; NFPA 13 Sec. 9.3.4)
20. Sprinklers in the garage shall be designed and installed according to NFPA 13. (NFPA 13R Sec. 7.3.1)
21. In ordinary hazard occupancies the maximum protection area for each sprinkler shall not exceed 130 square feet. (NFPA 13R Sec. 7.2.3.1; 7.2.4.1)
22. Sprinklers spaced less than 8' on center shall be separated by baffles. NFPA 13 Sec.12.1.7.3
23. The sprinkler deflector shall be installed not more than 4 inches below the ceiling. (NFPA 13R Sec. 6.4.6.1.1)
24. Provide an elevation with dimensions of the skylights/ceiling pockets and the location of the sprinkler heads. (NFPA 13R Sec. 6.2.3.4.2, 6.2.3.4.3)
25. Note on the plans make, models, orifice size, and temperature ratings of every sprinkler head used. (NFPA 13R Sec. 8.1.7(20))
26. Install intermediate temperature rating sprinklers under a non-insulated roof. (NFPA 13R Sec. 6.2.3.3.2)
27. Install intermediate temperature rating sprinklers under skylights. (NFPA 13R Sec. 6.2.3.3.1)

HYDRAULIC CALCULATIONS

28. Provide an S.A.R. (Service Advisory Report) from the Los Angeles Department of Water and Power. (NFPA 13R Sec. 8.1.7 (15))
29. Add the domestic water demand. (NFPA 13R Sec. 9.3)
30. Provide hydraulic calculations for the hydraulic most demanding area. (NFPA 13R Sec. 8.2.1)
31. Calculate the four most hydraulic remote residential heads. (NFPA 13R Sec. 7.1.1.3.1)
32. Show node points consistent with the node points in the calculations. (NFPA 13R Sec. 8.1.7 (33))
33. Provide listed pressure reducing valves where the pressure exceeds 175 psi. (NFPA 13R Sec. 5.1.3; 5.2.1.2)
34. Provide product literature for the pressure reducing valve showing the pressure losses in function of the flow, the maximum allowable pressure and the range at which can be set. (LAPC 101.5.1)
35. Provide the listing for the pressure reducing valve. (NFPA 13R Sec. 5.1.2)