

Fire Chief  
James Wenzel  
1526 Stephanie Rd SE  
Rio Rancho, NM 87124



Fire Marshal  
Brian Johnson  
1526 Stephanie Rd SE  
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**Rio Rancho Fire Rescue  
AUTOMATIC SPRINKLER SYSTEM CHECKLIST**

<b>Project Information</b>		Revised 01/15/2024
Project Name	Address and/Legal Description	Building Permit Number

	Pass	Fail	N/A	Requirement	Code Ref.
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NICET III & FPE Certificate number/Credentials, and signature	NFPA 13, 23.1.3
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Name of owner and occupant, location, including street address.	NFPA 13, 23.1.3
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Name and address of contractor.	NFPA 13, 23.1.3
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Code Data: construction type, occupancy group, Square Footage	NFPA 13, 23.1.3
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Edition year of NFPA 13 that the sprinkler system is designed to.	NFPA 13, 23.1.3
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A graphic representation of the scale used on all plans.	NFPA 13, 23.1.3
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Point of compass.	NFPA 13, 23.1.3
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Occupancy class of each area or room.	NFPA 13, 23.1.3
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size of city main in street, city main test results, and system elevation relative to test hydrant.	NFPA 13, 23.1.3
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size, location, and piping arrangement of fire department connections.	NFPA 13, 23.1.3
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Information about backflow preventers (manufacturer, size, type).	NFPA 13, 23.1.3
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All control valves, check valves, drainpipes, and test connections.	NFPA 13, 23.1.3
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Full height cross section, or schematic diagram, including structural member information if required for clarity and including ceiling construction and method of protection for nonmetallic piping.	NFPA 13, 23.1.3
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total area protected by each system on each floor.	NFPA 13, 23.1.3
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of partitions.	NFPA 13, 23.1.3
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of fire walls	NFPA 13, 23.1.3
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location and size of concealed spaces, closets, attics, and bathrooms.	NFPA 13, 23.1.3
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Any small enclosures in which no sprinklers are to be installed.	NFPA 13, 23.1.3
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Make, type, model, and nominal k-factor of sprinklers including sprinkler identification number.	NFPA 13, 23.1.3
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Number of sprinklers on each riser per floor.	NFPA 13, 23.1.3
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total number of sprinklers on each dry pipe system, pre-action system, or action system, combined dry pipe pre-action system, or deluge system	NFPA 13, 23.1.3

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22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Approximate capacity in gallons of each dry pipe system.	<b>NFPA 13, 23.1.3</b>
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipe type and schedule of wall thickness,	<b>NFPA 13, 23.1.3</b>
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nominal pipe size and cutting lengths of pipe (or center to center dimensions). Where typical branch lines prevail, it shall be necessary to size only one typical line	<b>NFPA 13, 23.1.3</b>
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location and size of riser nipples.	<b>NFPA 13, 23.1.3</b>
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type and locations of hangers, sleeves, braces, and methods of securing sprinklers when applicable.	<b>NFPA 13, 23.1.3</b>
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Make, type, model, and size of alarm or dry pipe valve.	<b>NFPA 13, 23.1.3</b>
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Make, type, model, and size of pre-action or deluge valve.	<b>NFPA 13, 23.1.3</b>
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kind and location of alarm bells	<b>NFPA 13, 23.1.3</b>
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles, and related equipment.	<b>NFPA 13, 23.1.3</b>
31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Piping provisions for flushing.	<b>NFPA 13, 23.1.3</b>
32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Where the equipment is to be installed as an addition to an existing system, enough of the existing system indicated on the plans to make all conditions clear.	<b>NFPA 13, 23.1.3</b>
33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic reference points shown on the plan that correspond with comparable reference points on the hydraulic calculation sheets.	<b>NFPA 13, 23.1.3</b>
34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The minimum rate of water application (density of flow or discharge pressure), the design area of water application, in-rack sprinkler demand, and the water required for hose streams both inside and outside.	<b>NFPA 13, 23.1.3</b>
35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The total quantity of water and the pressure required noted at a common reference point for each system.	<b>NFPA 13, 23.1.3</b>
36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For hydraulically designed systems, the information on the hydraulic data nameplate.	<b>NFPA 13, 23.1.3</b>
37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Relative elevations of sprinkler, junction points, and supply or reference points.	<b>NFPA 13, 23.1.3</b>
38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The setting for pressure-reducing valves	<b>NFPA 13, 23.1.3</b>
39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ceiling/roof heights and slopes not shown in the full height cross section.	<b>NFPA 13, 23.1.3</b>
40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Calculation of loads for sizing and details of sway bracing.	<b>NFPA 13, 23.1.3</b>