



# Phoenix Fire Department Plan Review Submittal Worksheet

Review Factors	Plan Rev. Base Time	Inspection Time	Qty	Extended Cost (time x \$135)
<b>Automatic Sprinkler System- Commercial – NFPA 13 F100</b>				
The automatic sprinkler plan review minimum fee is to review the first 50,000 sq ft of one building with 1-2 calculations. The minimum plan review time for an automatic sprinkler system is two and one-half hours; additional plan review time will be calculated at \$135 per hour.	2.5	2.5		\$0
Additional calculations (design areas) 12,001sq. ft. - 40,000 sq. ft.	1.0	1.0		
Each additional 40,001 sq. ft.>	1.0	1.0		
Each additional building using the same fire protection design plan	1.0	2.0		
Each story above or below grade	1.0	1.0		
Installation of each water-based special extinguishing system <i>Note: This does not include any associated detection or fire alarm equipment.</i>	1.0	1.0		
Each PRV (pressure reducing valve)	0.5	0.5		
Each pre-action system	1.5	1.5		
Each deluge	1.5	1.5		
Each aqueous film forming foam-water	2.0	2.0		
Each in-rack sprinkler	2.0	1.0		
Each fire pump - Note: diesel fire pump requires a separate tank permit	2.0	5.0		
Each static water tank	2.0	2.0		
Each standpipes per stair	1.5	1.5		
Each high challenge commodity (exception: Group A plastics) <i>Note: Special Report required.(Additional Fee)</i>	2.5	2.0		
Technical Report - First Review	5.0	n/a		
<i>Include all piping and valves from 6" Above Finished Floor (AFF) to the sprinkler heads. A separate permit is required for a monitor for the sprinkler system signals</i>				
<b>Total</b>				
<b>Automatic Sprinkler System- Modification NFPA 13 or NFPA 13R F105 TI Only</b>				
Each additional 1-200 heads	1.0	2.0		
Each additional 1-200 heads or fraction thereof	1.0	2.0		
<b>NOTE:</b> Any requirement for a new riser, main or branch-line piping shall be considered a new installation.				
Modifications not requiring a change or addition of sprinkler heads include, but are not limited to:				
<ol style="list-style-type: none"> <li>1. Adding reinforcing mains to an existing system in order to increase the available delivered density</li> <li>2. Rerouting piping to accommodate other building changes, such as duct or structural elements</li> <li>3. Changing the size of the system riser to increase delivered density</li> </ol>				
<b>Total</b>				



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<b>Automatic Sprinkler System - Residential – NFPA 13D F159</b>				
The automatic sprinkler plan review minimum fee is to review a Residential Sprinkler Systems, R-3 Occupancy over 5,000 square feet with 2 calculations <i>This includes fees for Standard Plan or specific location.</i>	1.5	2.5		
Each additional calculation (design area)	1.0	n/a		
Under 5,000 square feet	1.0	1.0		
<b>Total</b>				
<b>Standard Plan 13D FPST</b>				
The plan review minimum covers the use of one plan used multiple times in a new subdivision. Standard plan includes all options available.	2.5	N/A		
<b>Total</b>				
<b>Standpipe System F114</b>				
Not part of a sprinkler system -- 1-4 outlets	1.0	1.0		
Each PRV (pressure reducing valve)	0.5	0.5		
<b>Total</b>				
<b>Fire Pump F117</b>				
Installation of or modification not part of standpipe or sprinkler system to all UL or FM listed fire pumps, jockey pumps, and controllers. <i>Note: diesel fire pump requires an additional permit for the tank.</i>	2.0	5.0		
<b>Total</b>				
<b>Hydrants &amp; Underground Fire Lines F112</b>				
The plan review minimum fee is to review plans for installation, of the first 1-500 lineal feet of underground fire lines which serve fire protection systems, and or hydrants, and includes 1 lead-in.	3.0	1.5		
Each additional connection to a city water main including up to 500 lineal feet of pipe	1.5	1.5		
Each additional 500 feet or fraction thereof	1.0	1.0		
Each 1-5 fire protection system lead-ins (or stub-outs)	1.0	1.0		
Install fire hydrants, fee determined per hydrant up to 4	1.0	0.5		
Alteration or modification of existing lines, including up to 150 feet (45 720 mm) of pipe or relocating hydrants.	n/a	3.0		
Inspection of phased connections requiring more than (1) visit	n/a	1.5		
Conduct water flow test on private hydrant by the property owner or his representative to be used in the design of fire protection systems shall be witnessed by the Phoenix Fire Department. This operating fee includes one inspection only.	1.0	1.5		
<b>Total</b>				



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<b>Temporary Hydrants &amp; Aboveground Fire Lines F113</b>				
Temporary aboveground fire line & hydrant up to 500 lineal feet	3.0	1.0		
Each additional 500 feet or fraction thereof	1.5	1.0		
Each hydrant	1.0	0.5		
<b>Total</b>				
<b>Smoke &amp; Heat Vents/Smoke Control</b>				
Smoke & heat vents first 1-10 devices	1.0	1.5		
Each additional 1-10 devices or fraction thereof	0.5	1.0		
<b>Smoke Removal System</b>				
Smoke Removal System – The smoke removal system minimum plan review fee is to review the first 50,000 sq ft of one building.	4.0	6.0		
<b>Total</b>				
<b>Fire Alarm System F122</b>				
The plan review minimum fee is to review the first 50,000 sq ft of 1 (one) building for the installation fire alarm systems, including initiating and notification devices and includes fire alarm panel replacement.	2.5	2.5		
Each additional 50,000 sq ft and/or each additional floor	2.5	2.0		
Each additional building using the same fire protection design plan	2.5	1.0		
Each story above or below grade	1.0	1.0		
Flame/Beam detection & Voice/Alarm Communications device -- the first 1-10 devices	1.0	1.0		
Each additional 1-10 detection devices	1.0	1.0		
For area detection throughout based on square footage base rate plus additional 50%				
<b>Fire Alarm System Modification Or Replacement F129</b>				
Modify fire alarm system with plan review -- 1 to 10 devices	1.0	1.0		
Each additional 1-25 devices	1.0	1.0		
To calculate replacement fees, use the fee schedule for new fire alarm installations above. <i>Note: Alarm panel replacement does not require complete system upgrade.</i>				
<b>SSFAST (Dialer) F175</b>				
Install or Modify digital alarm communication terminal <i>Dialer installation with plan review: This permit covers a system for the transmission of supervisory signals between the protected premises and continuously attended supervising station facility.</i>	1.5	1.5		
<b>Total</b>				



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<b>Fire Fighter Breathing Air F130</b>				
Install a fire fighter breathing air system.	6.0	2.5		
Modify a fire fighter breathing air system.	3.0	1.0		
<b>Total</b>				
<b>Special Extinguishing System F132</b>				
Install or modify halon, dry chemical, carbon dioxide, FM200 or other special extinguishing system. This does not include any associated detection or fire alarm equipment. Water-based special extinguishing systems (pre-action, deluge, etc.) use permit F134.	2.5	2.5		
<i>NOTE: Where protection is provided at multiple levels (i.e., above and below floors) in a room the square footage of the largest area protected shall be used to calculate the size of the project.</i>				
<b>Total</b>				
<b>Automatic Hood System F134</b>				
Automatic hood system, installation: These systems include exhaust systems with built-in fire suppression capability normally installed above commercial cooking equipment. The connection of the system to an existing dialer is included in this permit fee.	1.0	1.0 +.50 for each additional hood		
Automatic hood system modification	1.0	1.5		
<b>Total</b>				
<b>Gates F157</b>				
Install or modify automatic fire apparatus access gates and their appurtenances. This also includes gates for auxiliary access openings.	1.5	1.5		
Install or modify Manual gate	0.5	0.5		
<b>Alternate Surface Fire Lane F479</b>				
To install striping and signage of fire lanes	1.0	1.0		
<b>Emergency Access F481</b>				
Premise identification review; fire lane marking, identification of fire protection equipment, key boxes, stairwell identification, and pedestrian gates.	1.0	1.0		
<b>Address Directories F482</b>				
To review the installation or modification of address directories.	0.5	0.5		
<b>Total</b>				