



**Table 17C.60-6 - Fire Protection Worksheet for:
One and Two Family Dwellings 5,000 Square Feet and Greater
and Accessory Structures 5,000 Square Feet and Greater**

Application/Sub Std Number: _____ Date: _____ Reviewed By: _____

Address: _____ Parcel #: _____

****Structure shall be located a minimum of 20 feet from other buildings on the same property.****

Fire Flow Calculation Area: The total floor area of all floor levels within the exterior walls, and under the horizontal projections of the roof of the building:

OPTIONS TO REDUCE FIRE FLOW (1, 2)	REDUCTION	PERCENTAGE OF ITEMS SELECTED
NFPA 13 D Sprinkler System – Required for all projects (requires a separate permit)	50%	____%
Building less than 7,500 sq. ft. <i>OR</i> Building less than 10,000 sq. ft.	25% 20%	____%
Existing Hydrant - minimum 750 gpm/45 min @ 20 psi <i>OR</i> Existing Hydrant - minimum 1,000 gpm/60 min @ 20 psi	25% 50%	____%
50' Setback from Side and Rear Property Lines <i>OR</i> 30' Setback from Side and Rear Property Lines	25% 20%	____%
Sprinkler Protection Provided in the Garage	25%	____%
Sprinkler Protection Provided in the Attic (Can only be used if garage protection is also used.)	25%	____%
Total of credit(s) + fire flow must be at least 100%		____%

1. In addition to meeting the code requirements of 17C.60.B and 17C.60.C, installation of an NFPA 13D fire sprinkler system is required. If the garage portion of the building exceeds 3,599 square feet fire flow in accordance with Table 17C.60-3 and 17C.60-4 are required *OR* it shall be compartmentalized using IBC 706 fire walls (except no openings are allowed) into fire areas of 3,599 square feet or less. The home shall not be compartmentalized to get out of the fire sprinkler system requirement.

2. A certificate of water availability and water system vicinity map are required when the property is less than an acre in size and located within a water service boundary area *OR* if credit is being used for Table 17C.60-6. For lots less than an acre in size where a main capable of supplying 750 gpm/45 min @ 20 psi residual is available, a hydrant is required in accordance with PCC 17C.60.160.G.1.b or 17C.60.160.G.1.c.

I understand that the fire flow credits selected above are required fire protection features that shall be incorporated into the construction of this building and shall remain in place.

(clearly print name)

(applicant or homeowner signature)

Substantial Alteration Calculations (Structures constructed prior to November 14, 1992)

1. Year Built: _____ Permit #: _____ Existing building area: _____
2. Area of addition: _____ + Area of replacement: _____ + Area of remodel: _____
Total = _____
3. Line 2 divided by line 1 x 100 = percent of alteration. _____
4. Check alerts for cumulative total of any additions or replacements since 11/15/92.
5. Add line 3 to line 4. If the total is equal to or greater than 50%, Fire Flow and Emergency Vehicle Access are required. _____

Accumulated alteration is less than 50%.

**Compliance with 17C.60.185.E is required even if the project meets the alteration exemption..

Emergency Vehicle Access: NOTE: EVA is required to extend to within 150' of all portions of the building and be in accordance with Table 1 of 17C.60.150. Reductions to the width allowed for a sprinklered buildings are not permitted for structures greater than 5,000 square feet.

Approved as shown _____ Revise drawing as noted:

Sprinkler System Required for 17B? _____

Turnaround required for private road? _____

Fire Flow Requirement

One & Two Family Dwellings \geq 3,600 sq. ft. 1,000 gpm for 60 min.

Record of Existing Fire Flow

GPM _____ Duration _____ minutes.

Distance of hydrant from center of lot frontage _____ feet OK per plat letter _____