

FIRE FLOW MODIFICATIONS
for residential larger than 3600 sq. ft.

The Fire Marshal may modify Fire-flow requirements downward by applying **FIRE PROTECTION CREDITS** for isolated buildings or a group of buildings in rural areas or small communities where the development of full fire-flow requirements is impractical. Applicant is encouraged to contact this office to ascertain how the attached **FIRE PROTECTION CREDITS** options apply to their project.

Without the installation of a fire hydrant that has the capabilities of delivering 750 gallons per minute and within the required distance to the lots in question, the applicant may choose one or any combination of the yellow highlighted fire-protection credits below to satisfy 100% **Fire Protection Credits** needed. Red highlight is required.

NFPA* 13 sprinkler system (3)	-50%
NFPA* 13 monitored system (3)	-65%
NFPA* 13 D/R sprinkler system	Required for 50% reduction in fire flow

FIRE-PROTECTION CREDITS

Options to Reduce Fire Flow (1)	% of Reduction	
	Group R / M	
OFF SITE WATER (2)		
• Building < 3,600 sq. ft.	-35%	
• Building ≥ 3,600 sq. ft.	-25%	
I.S.O. Tanker Credits (6)	-75%	
Building < 2,000 sq. ft.	-35%	
30' Min. setback all P.L. ** (4)	-25%	
60' Min. setback all P.L. ** (4)	-50%	
Monitored fire alarm (3)	-25%	
GWB interior finish (5)	-15%	
Class "A" Roofing	-----	THIS IS REQUIRED REGARDLESS
60% Brick/Stone/Cement Board exterior	-15%	

1. Credits used for or with substantial alterations shall be applied to the entire structure.
2. May be taken if the responding Fire Department has the capability to provide area-wide (not site-specific) off site water. ("Off Site Water"--The ability of the fire district, under normal circumstances, to deliver a constant 250 g.p.m. for 8 minutes.)
3. These reductions may not be taken together.
4. These reductions may not be taken together. The 30' and 60' setbacks are from side and rear property lines. Front setback may be that allowed by the zoning of the property.

5. Consists of a minimum of 1/2" drywall throughout interior for Group R-3 occupancies. Other occupancy groups shall meet the requirements for one-hour construction in the building code.
 6. The agency responsible for fire protection has been certified by Washington State Surveying and Rating to having "Approved Tanker Credits", (see insert).
- * National Fire Protection Association
 - ** Property lines