

MASONRY CHIMNEYS AND FIREPLACE INSPECTION

ADDRESS		DATE	
	OK	NO	
Fireplace/Chimney Footer			Footers to be 12" thick and project 6" on sides. Below frostline.
Firebox Walls			Walls to be solid masonry units: 8" thick including 2" firebrick lining; or 10" with no firebrick lining.
Firebox Dimensions			Min. depth 20". Throat w/damper to be 8" above FP opening/lintel.
Fireplace Clearances			Maintain 2" to combustible studs, joists, headers, rafters, etc. from front and sides; and 4" from back. Maintain airspace except to fireblock. Siding, flooring and drywall may abut, if at least 12" from inside of firebox.
Fireplace Fireblocking			Fireplaces that pass through floors or are surrounded by concealed spaces require fireblocking similar to top plate fireblocking. Also See Chimney Fireblocking.
Smoke Chamber Walls			Walls to be solid units w/ firebrick 6" total. Without firebrick 8". Parge corbelling smooth.
Smoke Chamber Dimensions			Inside height of smoke chamber shall not be more than the width of the fireplace opening.
Exterior Air			All fireplaces shall be provided with exterior combustion air installed to the duct manufacturer's instructions from a point not higher than the firebox.
Chimney Clearances			Chimneys located in the building interior, or within the exterior wall, require 2" clearance to combustibles. Chimneys located entirely outside require a 1" air space (other than fireblocking) to combustible sheathing and roofing.
Chimney Fireblocking			Chimneys that pass through floors, roofs or are surrounded by concealed spaces require non-combustible fireblocking 1" thick supported by metal supports.
Chimney Loads			Chimneys shall not support additional loads unless so designed.
Flue Liner			All chimneys must be lined with an approved liner.
Flue Liner Area			Flue sq. in. size relative to fireplace sq. in. opening: Round - 1/12 of FP opening. Square - 1/10. Rectangle (less than 2/1 ratio) - 1/10, (more than 2/1) - 1/8. (i.e. - 8x12 = 1/10)
Multiple Flues			Masonry withes 4" in thickness must separate flues serving separate appliances.
Terminations			Chimneys shall extend 2' above any point within 10'; and at least 3' above the roof.
Spark Arrestors			Total area shall equal 4 times the flue opening. Screens shall be 3/8"-1/2" openings of 19 gauge. galvanized or 24 gauge stainless steel, or equivalent.
Chimney Caps			All masonry chimneys shall be capped with Portland cement.
Hearth Materials			Hearths shall be a minimum 4" concrete or masonry (hearth extensions 2") of self supporting, or supported by non-combustible materials. No combustible materials shall remain on the underside of hearths.
Hearth Extension Size			For 6sq. ft. fireplace opening: 16" deep and 8" on sides beyond fireplace. Over 6sq. ft. shall be 20" deep and 12" on sides.
Mantels and Trim			Woodwork or combustibles shall not be within 6" of FP opening. If within 12", shall not project more than 1/8" for each 1" distance from opening.
Other			

