

**MANSONRY FIREPLACES AND CHIMNEYS**

Questions call: Phillip Long (815) 979-6046

This document is for information only.  
You will need to fill out a  
Building Permit Application  
Costs involved: Permit Fee and Inspection Fee

These specifications are required for masonry fireplace construction.

- Provide 1 copy of Plat of Survey with proposed improvements drawn to scale.
- Minimum hearth slab thickness – 4”
- Hearth extension (on each side of opening) – 8” if less than 6 sq. ft.  
12” if greater than 6 sq. ft.
- Hearth extension (front of opening) – 16” if less than 6 sq. ft.  
20” if greater than 6 sq. ft.
- Wall thickness of firebox – 10” common brick or 8” firebrick  
(1/4” maximum mortar joint)
- Hearth slab reinforcing – to carry its own weight and all imposed loads.
- Distance from top of opening to throat – 8” minimum.
- Edge of shelf in smoke chamber rear wall – thickness 6”  
Front & side wall – thickness 8”
- Size and type of lintel – noncombustible.
- Size and type of flue.
- Type of chimney cap to form wash – 3” minimum thickness.
- Size of header above opening.
- Type of damper.
- Depth and width of footings – 42” below grade  
12” minimum thickness  
6” on each side wall
- Termination of chimney – 3’ above roof and 2’ higher than any portion of the building within 10.
- Ash dump with clean out if applicable.
- Factory built fireplaces, submit manufacturer’s specs & instructions. Installation shall conform to manufacturer’s recommendations.

**INSPECTIONS**

**INSPECTIONS ARE SCHEDULED FOR A.M. OR P.M.,  
ANY DAY OF THE WEEK WITH A 48-HOUR ADVANCE NOTICE.**

- Final (when all work is completed).
- Give permit number and address when calling in for inspections.
- If inspector needs to return more than once for the same phase of any required inspection, a re-inspection fee will be required to be paid prior to continuing construction.