



Village of Round Lake Building Department

442 North Cedar Lake Road • Round Lake, IL 60073 • 847-546-0963 • Fax 847-546-1872

FIREPLACE REGULATIONS **CALL THE BLDG. DEPT. AT 847-546-0963 FOR INSPECTIONS**

Building permits expire one year from the date on the permit. However, if work has not started within six months of the date of the permit, the building permit is void.

Call JULIE at 1-800-892-0123 for location of utilities prior to digging.

No change to the approved plans is authorized without prior written approval by the code official and only the construction indicated on the attached plans is authorized by the issuance of this permit.

Permit application Guidelines:

1. Submit to the Round Lake Building Department for review:
 - a. Building permit application.
 - b. Two sets of plans showing the fireplace layout and its location.

Conditions of permit – Masonry Fireplace:

1. Fire brick shall be used at all masonry portions of the fire box.
2. Fire clay is required at fire box joints.
3. Hearth must be self supporting.
4. **Prior to constructing the flues, sizing calculations must be submitted and approved.**
5. Fireplace must meet all requirements of the 2006 IRC One and Two Family Dwelling Code.
6. All combustible framing must be a minimum 2 inches from masonry fireplace.
7. The inside of smoke chambers shall be trowelled smooth with mortar.
8. No combustible materials shall be used for non-removable forming on fire box or hearth.

9. Combustion air shall be provided.
10. **IRC R1006.1 Exterior Air.**
Factory-built or masonry fireplaces covered in this chapter shall be equipped with an exterior air supply to assure proper fuel combustion unless the room is mechanically ventilated and controlled so that the indoor pressure is neutral or positive.

Required Inspections – Masonry Fireplace:

1. Foundation pre-pour (if applicable).
2. Rough framing.
3. Fire box/smoke chamber at rough stage.
4. Pre-pour at all fire box locations.
5. Final inspection.

Conditions of permit – Factory-Built Fireplace:

1. Fireplace to be installed per manufacturer installation instructions.
2. Installation instructions must be on site at time of inspections.
3. Fireplace shall be equipped with exterior combustion air.
4. **IRC R1006.1 Exterior Air.**
Factory-built or masonry fireplaces covered in this chapter shall be equipped with an exterior air supply to assure proper fuel combustion unless the room is mechanically ventilated and controlled so that the indoor pressure is neutral or positive.
5. **IRC R1006.2 Exterior Air Intake.**
Exterior air intake shall be from the attic, crawl space or directly from the outside and covered with a corrosion-resistant screen.

Required Inspections – Factory-Built Fireplace:

1. Foundation pre-pour (if applicable).
2. Rough framing.
3. Final inspection.

It is the contractor's and ultimately the owner's responsibility to know the village code provisions. The owner or his agent is responsible for constructing all permitted work in compliance with village codes. Failure to identify any aspect of the proposed design not in compliance with the village code during plan review does not relieve the owner of the obligation to achieve full village code compliance. The Code Official cannot list all code sections on the drawings or documents.