



# VILLAGE OF BUFFALO GROVE

## HOMEOWNER NOTIFICATION FORM

### BUILDING CODE SMOKE & CO2 DETECTOR UPGRADE

*This form serves as a notification to all homeowners and contractors of the building code requirement for the upgrade of existing residential smoke detectors and carbon monoxide detectors to current building code standards. The Village of Buffalo Grove has adopted the 2018 International Residential Code. Section R314 and R315 reads as follows:*

*Alterations, repairs and additions is stated in Section R314.2.2*

❖ “Where alterations, repairs, or additions requiring a permit occur, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings.”

“Exceptions: Installation, alteration or repairs of plumbing and mechanical systems.”

*The location of smoke detectors is specified in Section R314.3 and R314.3.1*

❖ “Smoke detectors shall be installed in the following locations: In each sleeping room. Outside each separate sleeping area in the immediate vicinity of the bedrooms. On each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics.”

“Smoke alarms shall be installed not less than 3 feet horizontally from the door or opening of a bathroom that contains a bathtub or shower unless this would prevent placement of a smoke alarm required by this section.”

Ionization smoke alarms shall not be installed less than 20 feet horizontally from a cooking appliance unless it has an alarm silencing switch. If it has the alarm silencing switch, it would not be allowed to be installed less than 10 feet horizontally from a cooking appliance. Photoelectric smoke alarms shall not be installed less than 6 feet from a cooking appliance.

*The interconnection of smoke alarms is specified in Section R314.4*

❖ “Where more than one smoke alarm is required to be installed within an individual dwelling unit in accordance with section R314.1, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual dwelling unit. Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm.

*The required power source is stated in Sections R314.6*

❖ “Smoke alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and, where primary power is interrupted, (the smoke alarm) shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.”

#### **(NO “BATTERY POWERED ONLY” UNITS ALLOWED)**

Exceptions: Smoke alarms shall be permitted to “battery powered only” in areas where there is no attic access, opened ceiling to expose structural floor or ceiling joists or an unfinished basement.

*Carbon Monoxide alarms are specified in Section R315*

❖ The location of carbon monoxide alarms shall be installed outside of each separate sleeping area in the immediate vicinity of bedrooms. Where a fuel-burning appliance is located within a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom. When more than one carbon monoxide alarm is installed, they shall be interconnected so that when one alarm sounds all alarms sound upon activation. The power source for carbon monoxide alarms is the same as for smoke alarms in Section R314.6

*Combination units for smoke alarms and carbon monoxide alarms are specified in Sections R314.5 and R315.7.4*

❖ Combination smoke alarms and carbon monoxide alarms shall be permitted in locations where both types are required.

(See next page for signatures)

*I have read the above building code requirements and fully understand that all smoke detector requirements must be met in order to pass **both the rough electric and final inspections** on my room addition, remodel or alteration permit.*

Homeowner's Address: \_\_\_\_\_

Homeowner's Printed Name: \_\_\_\_\_

Homeowner's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

General Contractor's Printed Name: \_\_\_\_\_

General Contractor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Electrical Contractor's Printed Name: \_\_\_\_\_

Electrical Contractor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*\*The electrical contractor shall discuss these requirements with the homeowner prior to issuance of the permit.*

*\*\*Electrical rough inspection for smoke & CO2 alarms shall be at the same time as all other electrical rough inspections.*

*Also, I have read all other plan review comments of building code requirements including the 2017 National Electrical Code NFPA 70 and fully understand these requirements shall be met in order to pass **both the rough and final inspections** on this addition, remodel or alteration permit.*

General Contractor's Printed Name: \_\_\_\_\_

General Contractor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Electrical Contractor's Printed Name: \_\_\_\_\_

Electrical Contractor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

03/01/19