



# SMOKE ALARM, POOL ALARM, ILLUMINATED ADDRESS GUIDELINES

*BUILDING SERVICES*



**Smoke alarms**, when required, are to be installed as stated in the manufacturer installation instructions. A clear space of 3 feet should be maintained between smoke alarms and return air ducts or supply vents. Unless otherwise required, battery operated smoke alarms are approved for installation in existing rooms or in areas where there is no work being performed. **Under no circumstances, shall a battery operated smoke alarm replace a hard-wire type.**

**Pool alarms**, when required, are to be installed at least 60-inches above the floor surface, to the touch pad or switch. Pool alarms are to provide a sound pressure level of not less than 85 decibels. Pool alarms shall be equipped with a manual means to temporarily deactivate the alarm for a single opening. The pool alarm shall sound continuously for a minimum of 30 seconds, within 7 seconds of the opening of the door, and the alarm shall reset itself under all conditions. Pool alarms are not permitted to have an on/off switch or other means to deactivate it permanently. **Not all pool alarms on the market meet this requirement.**

**House Addresses**, are required to be at least 4-inches in height and placed where it clearly identifies the building associated with the address number. In some situations, more than one set of address numbers may be required. Where the address numbers are less than 4-inches in height but at least 3-inches, a means to illuminate the address numbers must be present using either solar, low voltage, or other approved means.

## SMOKE ALARM LOCATIONS

Note: **Smoke Alarms must be labeled by UL Laboratories and the State Fire Marshal.**

Existing permanently wired smoke alarms must be replaced in kind. They are not permitted to be replaced with battery powered units.

The locations indicated on the typical floor plans are only a general guide. Ceiling height changes, vaulted ceilings, existing fixtures, etc. can affect the proper location of smoke alarms.

Contact the Building Services at (925) 314-3330 with any questions you may have.

