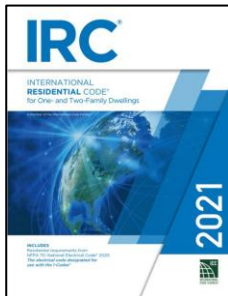
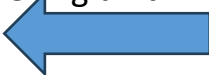




2021 IRC Question Of The Week

Energy storage systems installed on the exterior side of exterior walls of a dwelling unit shall be located not less than ___ feet from doors and windows directly entering the dwelling unit.

- A) 3
B) 5
C) 8
D) 10



R328.4 Locations. *ESS* shall be installed only in the following locations:

1. Detached garages and detached accessory structures.
2. Attached garages separated from the *dwelling unit* living space in accordance with Section R302.6.
3. Outdoors or on the exterior side of exterior walls located not less than 3 feet (914 mm) from doors and windows directly entering the *dwelling unit*.
4. Enclosed utility closets, basements, storage or utility spaces within *dwelling units* with finished or noncombustible walls and ceilings. Walls and ceilings of unfinished wood-framed construction shall be provided with not less than $\frac{5}{8}$ -inch (15.9 mm) Type X gypsum wallboard.

ESS shall not be installed in sleeping rooms, or closets or spaces opening directly into sleeping rooms.



R330.4: Locations. CDP INSIGHTS

ESS shall be installed only in the following locations:

1. Detached garages and detached *accessory structures*.
2. Attached garages separated from the *dwelling unit living space* in accordance with [Section R302.6](#).
3. Outdoors or on the exterior side of exterior walls located not less than 3 feet (914 mm) from doors and windows directly entering the *dwelling unit*, **except where smaller separation distances are permitted by the [UL 9540](#) listing and manufacturer's installation instructions.**
4. Enclosed utility *closets*, *basements*, storage or utility spaces within *dwelling units* with finished or noncombustible walls and ceilings. Walls and ceilings of unfinished wood-framed construction shall be provided with not less than 5/8-inch (15.9 mm) *Type X gypsum wallboard*. **Openings into the dwelling shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honeycomb-core steel doors not less than 1 3/8 inches (35 mm) in thickness, or doors with a 20-minute fire protection rating. Doors shall be self-latching and equipped with a self-closing or an automatic-closing device. Penetrations through the required *gypsum wallboard* into the dwelling shall be protected as required by [Section R302.11](#), Item 4.**

ESS shall not be installed in sleeping rooms, or *closets* or spaces opening directly into sleeping rooms.

