**15-051**

**1. State Building Code to be Amended:**

International Building Code  State Energy Code

ICC ANSI A117.1 Accessibility Code  International Mechanical Code

International Existing Building Code  International Fuel Gas Code

International Residential Code  NFPA 54 National Fuel Gas Code

International Fire Code  NFPA 58 Liquefied Petroleum Gas Code

Uniform Plumbing Code  Wildland Urban Interface Code

**Section(s): 903.2.11.7 (NEW)**

(e.g.: Section: R403.2)

**Title: Relocatable buildings within buildings.**

(e.g: Footings for wood foundations)

**2. Proponent Name (Specific local government, organization or individual):**

**Proponent: Shawn Shepherd**

**Title: Deputy Fire Marshal**

**Date: 2/27/2015**

**3. Designated Contact Person:**

**Name: Shawn Shepherd**

**Title: Deputy Fire Marshal**

**Address: 619 Division Street, Port Orchard, WA 98366**

**Office Phone: 360-337-5777 x3884**

**Cell: 360-516-9704**

**E-Mail address: sshepherd@co.kitsap.wa.us**

**4. Proposed Code Amendment**. Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert new sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code additional pages may be attached. (Examples on the SBCC [website](https://fortress.wa.gov/ga/apps/sbcc/Page.aspx?nid=191))

**Code(s)** \_\_\_IFC\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Section(s)** \_\_\_**903.2.11.7 (NEW)**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Enforceable code language must be used; see an example [by clicking here](https://fortress.wa.gov/ga/apps/SBCC/File.ashx?cid=1803).

Amend section to read as follows:

**903.2.11.7** **Relocatable buildings within buildings.** Relocatable buildings or structures located within a building with an approved fire sprinkler systems shall be provided with fire sprinkler protection within the occupiable space of the building and the space underneath the relocatable building.

Exception.

1. Sprinkler protection is not required underneath the building when the space is separated from the adjacent space by construction resisting the passage of smoke and heat and combustible storage will not be located there.
2. If the building or structure does not have a roof or ceiling obstructing the overhead sprinklers.

1. **Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.** Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.

Many industrial or manufacturing facilities use portable buildings or job shacks that can be moved around the facility depending on the location or needs of a project. These portable buildings are not provided with sprinkler protection typically due to the moveable nature of the structure. But these buildings are not moved on a daily or even weekly basis and can be located for extended periods of time dependent on the project timeline. These buildings, if provided with a roof or ceiling obstructing the coverage of the overhead sprinkler system, should have the same coverage requirements that are given to any other object creating an obstruction from the overhead system. Additionally, these buildings can be located on frames or temporary foundation systems allowing an area of storage underneath the building. If the area underneath the building is partitioned off from the adjacent space to not allow storage underneath and access to the area is restricted to not allow combustible storage then the need for sprinkler protection can be eliminated as there will be protection provided inside the portable building. Since these building are located in facilities that are typically manufacturing or industrial in nature the need for the fire sprinkler system to gain control or extinguish the fire quickly, and the movable obstruction allows a fire to grow unchallenged within or underneath the building. With the State specific adoption of NFPA 13, in which it is stated obstructions over 4 feet in width shall be provided with protection underneath these buildings should be provided with said protection.

1. **Specify what criteria this proposal meets.** You may select more than one.

The amendment is needed to address a critical life/safety need.

The amendment is needed to address a specific state policy or statute.

The amendment is needed for consistency with state or federal regulations.

The amendment is needed to address a unique character of the state.

The amendment corrects errors and omissions.

1. **Is there an economic impact:**  Yes      No

Explain:

Sprinkler protection is already required for these structures but the nature of these building is not specifically addressed in either the fire sprinkler standard or the fire code and is only arrived at with the portable building considered an obstruction. This code section clarifies the requirement for something that should already be installed. Some of the manufacturers of the portable building allow for the outfitting of the building with sprinklers already installed and provided an exterior fitting for easy attachment to the overhead system.

If there is an economic impact, use the Table below to estimate the costs and savings of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance. If preferred, you may submit an alternate cost benefit analysis.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Building Type | Construction[[1]](#footnote-1) | | Enforcement[[2]](#footnote-2) | | Operations & Maintenance[[3]](#footnote-3) | |
| Costs | Benefits[[4]](#footnote-4) | Costs | Benefits4 | Costs | Benefits4 |
| Residential |  |  |  |  |  |  |
| Single family |  |  |  |  |  |  |
| Multi-family |  |  |  |  |  |  |
| Commercial/Retail |  |  |  |  |  |  |
| Industrial | $250 |  | $250 |  |  |  |
| Institutional |  |  |  |  |  |  |

Please send your completed proposal to: [sbcc@ga.wa.gov](mailto:sbcc@ga.wa.gov)

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.

1. $ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs

   that impact the total cost of the construction to the owner/consumer. [↑](#footnote-ref-1)
2. Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and other action required for enforcement. [↑](#footnote-ref-2)
3. Cost to building owner/tenants over the life of the project. [↑](#footnote-ref-3)
4. Measurable benefit. [↑](#footnote-ref-4)