**15-034**

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

X 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

X International Fire Code  NFPA 58 Liquefied Petroleum Gas Code

Uniform Plumbing Code  Wildland Urban Interface Code

**Section(s):** 202, 903.2.3

**Title: Group E** (sprinkler systems)

**2. Proponent Name:**

**Proponent: Washington Association of Building Officials Technical Code Development Committee**

**Title:**

**Date: February 25, 2015**

**3. Designated Contact Person:**

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**4. Proposed Code Amendment**.

**Code(s)** International Fire Code, International Building Code **Section(s)** 202, 903.2.3

Amend section 202 to read as follows:

PORTABLE SCHOOL ~~CLASSROOM~~ STRUCTURE. A prefabricated structure consisting of one or more rooms associated with school purposes ~~with direct exterior egress from the classroom(s)~~. The structure is transportable in one or more sections, and is designed to be used as an educational space with or without a permanent foundation. The structure shall be capable of being demounted and relocated to other locations as needs arise.

Amend section 903.2.3 to read as follows:

**903.2.3 Group E**. An automatic sprinkler system shall be provided for Group E Occupancies.

**Exceptions:**

1. An automatic sprinkler system is not required in ~~P~~portable school structures ~~classrooms~~ where all of the following conditions are satisfied:

1.1 each structure has ~~with~~ an occupant load of 50 or less calculated in accordance with Table 1004.1.2, and ~~provided that~~

1.2 the aggregate area of any cluster of portable school structures ~~classrooms~~ does not exceed 6,000 square feet (557 m2); and

1.3 clusters of portable school classrooms are ~~shall be~~ separated as required by the building code; and ~~or~~

1.4 each classroom has direct egress to the exterior.

2. An automatic sprinkler system is not required in ~~P~~portable school structures ~~classrooms~~ where all of the following conditions are satisfied:

2.1 each structure has ~~with~~ an occupant load from 51 through 98, calculated in accordance with Table 1004.1.2, and

2.2 each structure is provided with two means of direct independent exterior egress from each classroom in accordance with Chapter 10, and

2.3 one exit from each classroom is ~~shall be~~ accessible, ~~provided that~~ and

2.4 the aggregate area of any cluster of portable school structures ~~classrooms~~ does not exceed 6,000 square feet (557 m2); and

2.5 clusters of portable school structures ~~classrooms~~ are ~~shall be~~ separated as required by the building code.~~; or~~

3. An automatic sprinkler system is not required in Group E occupancies with an occupant load of 50 or less, calculated in accordance with Table 1004.1.2.

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.

The purpose of this proposal is to clarify existing State amendments related to portable school classrooms and make them consistent with how school portables are used without making any technical changes.

The proposal modifies the definition to clarify that the definition applies to all school uses, including uses such as administrative offices and teacher meeting rooms as well as classrooms. These other uses are commonly included where school portables are used. The provision requiring direct egress from classrooms is moved to Section 903.2.3 as a condition of allowing unsprinklered portables. Direct egress is required from classrooms but not from other spaces.

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

X 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      X No

Explain: This proposal clarifies existing code provisions and does not make any technical changes.

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 |  |  |  |  |  |  |
| 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)