**15-090**

**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): IFC 901.4.1**

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

**Title: Required fire protection systems.**

(e.g: Footings for wood foundations)

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

**Proponent: Shawn Shepherd**

**Title: Deputy Fire Marshal**

**Date: 2/20/15**

**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)** \_\_901.4.1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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:

901.4.1 Required fire protection systems.

*Fire protection systems* required by this code or the *International Building Code* shall be installed, repaired, operated, tested and maintained in accordance with this code. A fire protection system for which a design option, exception or reduction to the provisions of this code or the International Building Code has been granted shall be considered to be a required system. Such systems shall be provided with signage stating “REQUIRED SYSTEM.” Signage shall be durable and permanent in nature, with contrasting color and background, and with lettering of not less than 1 inch in height. Location of such signage shall be approved.

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 fire protection systems are required to be installed and therefore maintained. For many years fire departments that used to be involved performing annual business inspections have eliminated these functions due to economic issues. Sometimes these functions are eliminated completely or turned over to other jurisdictions. This provision is to assist a jurisdiction and or owner that the system is a required system. For times when documentation a system is required by the model code or by an alternative method is not maintained or is lost by the owner, or is not transferred when sold, or lost is by the jurisdiction. Additionally, there are codes or standards of maintenance referencing “required systems” and with this simple signage, the amount of research for an owner or a jurisdiction can be greatly reduced. This signage can clearly indicate a system is required assisting in determination of further code requirements when the system is altered or modified.

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:

There is an upfront cost associated with the creation and installation of the signage, but the benefit of know that a system is required rather than guessing or assuming “just because it is installed” outweighs the initial cost.

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 | 10$ |  | 0 |  | 0 |  |
| Commercial/Retail | 10$ |  | 0 |  | 0 |  |
| Industrial | 10$ |  | 0 |  | 0 |  |
| Institutional | 10$ |  | 0 |  | 0 |  |

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)