**15-007**

**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):**

1028.4.1

**Title:** Delete egress court angled guardrail

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

**Proponent:** Lee J. Kranz, representing the Washington Association of Building

Officials Technical Code Development Committee

**Title:** Plan Review Supervisor

**Date:** February 11, 2015

**3. Designated Contact Person:**

**Name:** Lee J. Kranz

**Title:** Plan Review Supervisor

**Address:** 450 110th Ave. NE

Bellevue, WA 98056

**Office Phone:**425-452-2732

**Cell:**  206-915-5835

**E-Mail address:** lkranz@bellevuewa.gov

**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:** **2015 IBC** **Section** **1028.4.1**

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:

Delete text as follows:

**1028.4.1 Width or capacity.**

The required capacity of egress courts shall be determined as specified in Section 1005.1, but

the minimum width shall be not less than 44 inches (1118 mm), except as specified herein.

Egress courts serving Group R-3 and U occupancies shall be not less than 36 inches (914 mm)

in width. The required capacity and width of egress courts shall be unobstructed to a height of 7

feet (2134 mm).

**Exception:** Encroachments complying with Section 1005.7.

~~Where an egress court exceeds the minimum required width and the width of such egress court~~

~~is then reduced along the path of exit travel, the reduction in width shall be gradual. The~~

~~transition in width shall be affected by a guard not less than 36 inches (914 mm) in height and~~

~~shall not create an angle of more than 30 degrees (0.52 rad) with respect to the axis of the egress~~

~~court along the path of egress travel.~~ ~~The width of the egress court shall not be less than the~~

~~required capacity.~~

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.

**Reason:** This proposal deletes an outdated and unused code requirement for egress courts.

The concept of using a 36" tall guardrail to "herd" occupants toward the exit when the egress

court exceeds the minimum required width does nothing to improve the safety of

occupants. This is an obsolete regulation that should be deleted.

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:

Since this provision rarely if ever gets used the only cost impact will be to save money if it is deleted.

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 | Cost/DU | 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)