From: Bradley Hannig
Sent: Friday, August 25, 2017 1:06 PM
To: Bob Flowers <BFlowers@ivins.com>
Subject: 2015 IFC fire code

Mayor and Council,

The 2015 has limited changes from the 2012 edition. Here are some of the major modifications, most have no impact on the Ivins City:

- Decorative material requirements were revised to be more comprehensive and provide more details for healthcare occupancies.
- Section 910 was heavily revised to address overall smoke removal. Mechanical smoke removal requirements have been revised and clarified.
- CO alarm requirements have been heavily revised make the installation requirements clearer and relocated by F360-13. Educational occupancies were added as regulated occupancies.
- Limited area sprinklers requirements were revised to be more comprehensive.
- A new IFC (and IBC) Section 915 replaces and greatly expands upon former Section 908.7 on Carbon Monoxide detection and alarm requirements.

In regards to the appendixes, the following are the ones that should be adopted. The reasons are fairly simple. Without them, the city would have to create some type of clarification on how these rules are interpreted. The following appendixes are necessary and provide the guidelines for new occupancies and developments.

Appendix B=Fire Flow requirements- allows the Fire Chief the ability to increase/decrease based on location or limitations. This is necessary to ensure the builders provide adequate water supply to extinguish and protect their investment. The formulas are complex, yet important to proper fire protection. Being a smaller city, Ivins doesn't have the luxury of making exceptions to code, and shouldn't ever consider less restrictions.

Appendix C= Fire Hydrant Spacing- This is fairly standard, the appendix is needed to provide the actual spacing distances, as the code does not specify.

Appendix D= Fire Department Access Roads- This is another specific measure that is needed to adopt because the base code isn't specific. This appendix provides a good standard for the city of Ivins. In the past, you have eliminated "D103.6 Signs", and probably would make sense to eliminate it again.

In conclusion, the 2015 code should be adopted with the included appendixes. It is confusing that the appendixes aren't included in the base code, yet the reasons are because it allows larger organizations the ability to create, modify specifics that meet their individual city needs. However, Ivins doesn't have the resources to create such standards. Therefore, adopting these is a must.

Thank you for your support and for the opportunity to serve here in Ivins.

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