

Monthly Newsletter from your Friends at Team Engineering

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Reasons for Residential Sprinklers

By Brian Ki, EIT



Residential sprinkler systems have become more and more relevant to the point that some towns are requiring them in new residential buildings. Although these systems tend to add additional costs to any construction project, they add a level of safety that everyone can appreciate. According to the National Fire Protection Association (NFPA) sprinklers have produced the following advantages when compared to homes without them:

<https://www.nfpa.org/Public-Education/Campaigns/Fire-Sprinkler-Initiative/Take-action/Free-downloads/How-sprinklers-work>

- 81% lower civilian death rate in residential homes
- Average firefighter injury rate was nearly 80% lower
- The home fire death rate was 90% lower when fire sprinklers and hardwire smoke alarms were both present



The purpose of a home sprinkler system is to create a longer time frame for people to exit during an active fire. This, however, is not to be confused that the sprinkler system is designed to put the fire out.

If you are moving to an apartment or condominium, make sure all common areas and individual apartments are sprinkled as usually required by the International Building Code. If in a new home or remodeling an existing, check with the local authority having jurisdiction for their specific requirements. If you are completely unsure where your specific situation may land, feel free to contact Team Engineering and we'd be happy to advise you!

Project Spotlight

Alton Central School

By Brian Hansen, Project Manager

This month, we completed a project for the Alton New Hampshire School System. Their goal was to improve multiple exterior entries to the Alton Central School in the name of student safety and energy efficiency. They called Team Engineering to have all of their doors examined and also have a request for bids from contractors to perform the work.



We met with the school officials and reviewed the site to understand how best we can help. Then we inspected and graded all the doors in the building (approximately 185 doors). After that data was collected, we created an RFP that the school system can use to get bids for the work. The client was very happy with our seven-day turn-around between the date they called and the day we sent them a deliverable. Soon the school will be safer and more energy efficient.

Client of the Month

By John Turner, PE



Every day in business, we are reminded that it is so much better to keep the good client than to have to find new clients. A great example of this for us is “**The Stable Companies**” As a result, it is my privilege to recognize the good people of Stable as our client of the month!

Stabile is a household name for those of us raised in Southern New Hampshire.

They have constructed over 3500 units since the 1970s. For the last 10 years, we have been serving as their “Go-To” Engineering firm for all matters structural. Some of their more recent developments have been in high-wind locations that demand special structural engineering details.

We are proud to know that our work is helping Stabile continue to build great homes and communities in New England!

Charity of the Month



CASA of NH

Court Appointed Special Advocate (CASA) of NH is dedicated to ensuring a qualified, compassionate adult will fight for a child’s right to be safe, to be treated with respect, and to grow up with a loving family.

A CASA volunteer is a trained citizen appointed as a *Guardian ad Litem* by the District or Family Court judge to represent a child victim in cases of abuse and neglect. Simply put, CASA volunteers serve as GALs in child abuse and neglect cases.

Team Engineering has proudly donated \$150 this month to **CASA of NH**.



What's happening with Turbo



Assisting at a home inspection

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