



Hugs

By John Turner, President, P.E., B.I.E., LEED AP

If you have not heard Nick Vujicic speak, treat yourself to a few minutes on one of his YouTube videos. This guy was born with no arms and no legs (except his little left chicken drumstick as he affectionately calls his left foot) and yet his life has been one of "no limits" – clearly because he has learned to adapt to incredibly hard circumstances – but also to inspire those around him to help him when needed.



Check out his video: "[Watch Now](#)".

Increasingly, this is the nature of our work. We have been fortunate recently to be the engineering consultant for the renovations to 875 Elm Street Manchester – where Northpoint Construction Management (<http://northpointcm.com/>) is leading an amazing effort to convert this from a bank (former Citizens Tower) to Luxury Apartments.

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More Moisture Media - Lets Talk Leaky Roofs

By Nancy J. Nichols, P.E., LEED AP, HI

Team Engineering has prepared articles on ice dams, basement water, interior moisture, attic condensation, and surface water runoff. The one aspect of water intrusion that we haven't discussed in recent years is leaking roofs. This is because when we receive a call about a leaking roof, most times the roof that we inspect isn't leaking, but rather we find another source for the water in the attic or on the upper floor walls. Leaking roofs do occur, of course, and in most instances roofers are well prepared to take care of the problem. Knowing when to call an engineer versus calling a roofer to evaluate the cause of the leak or to design the repair is a challenge.



Most instances of leaking roofs (excluding ice dams) are due to leaks at the flashing. It should be expected that flashing will leak. Most commonly, leaks occur at chimney flashing, sidewall flashing where siding meets a roof surface, and valley flashing or where valleys discharge improperly.

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Project Spotlight - Northpoint Construction

Every good business develops niches where they excel. New Balance – based here in New England – makes great sneakers and athletic apparel. At Team Engineering, one of our strongest and ongoing niches has historically been in providing structural engineering services for existing buildings.

Thus, it was a natural marriage – as noted above - for Northpoint Construction to select us when they needed help with renovations to the old Citizen's Bank tower in Manchester, NH:

It's a fascinating building – with a 100 year old, 10 story structure married to the 30

year old addition. The building construction is fascinating – with iron, steel and masonry elements. Our role has been to develop repair details for issues such as floor penetrations and other minor structural modifications. The effort by



Northpoint to prepare this facility for construction of classy apartments has been no less than heroic.

Northpoint Construction consists of a team of individuals that are pleasant and hard working – exactly the type that make our daily work fun and rewarding. Stay tuned for the availability of these beautiful apartments later this year!

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Charitable Giving: CASA

Each year about 1,500 New Hampshire children are thrust into court because they are victims of physical or sexual abuse, neglect or abandonment.

Court Appointed Special Advocates (CASA) of New Hampshire recruits, trains and supervises volunteers to serve as advocates for abused and neglected children in the New Hampshire court system, so they can grow up in safe, permanent homes.

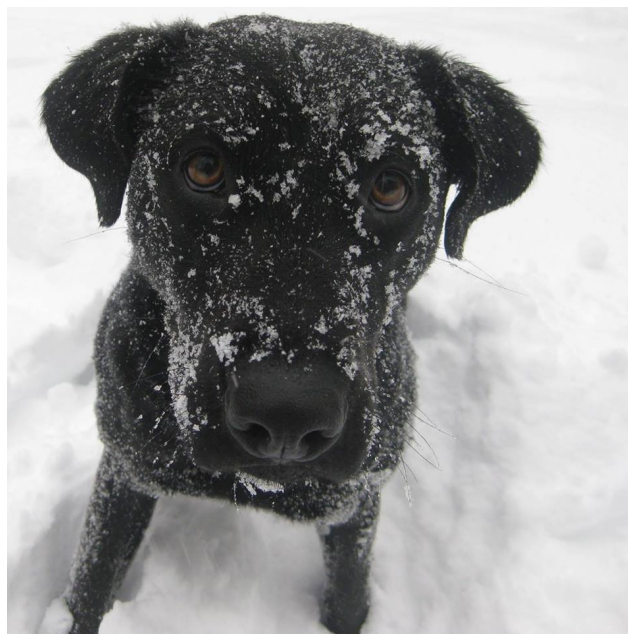


CASA of New Hampshire strives to protect every abused child's right to live, learn and grow in the embrace of a loving family.

Here's How it Works

Team Engineering will be donating to this amazing organization in the amount of \$150

The Adventures of Tink & Turbo



Turbo out enjoying the snow

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