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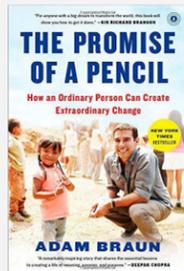
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Recommended Reading



Promise of a Pencil

By: Adam Braun

Review By: Brian Sullivan

As stated by Sir Richard Branson:

"For anyone with a big dream to transform the world, this book will show you how to get it done."

While spending a Semester at Sea, Adam Braun came to the stark realization that children in third world countries lack proper education. Adam decided he would do something about this by starting Pencils of Promise an organization focused around building schools and fostering education in underserved portions of the world. The Promise of a Pencil chronicles Braun's journey to find his calling. The author takes the readers on a behind-the-scenes journey on the launch of this great endeavor. His story is entertaining, informative and inspiring all at the same time. I found it very difficult to put down this exceptionally versed book with its compelling subject.

As of the writing of this review, POP has built 342 school since it was founded in 2009. I truly hope they continue their mission for generations to come so that others might be inspired to turn their ambitions into reality.

Recommended Restaurant



Artisanal Bistro

March 2016 Newsletter

Greetings!

The following is the latest edition of the Sullivan Engineering newsletter. This newsletter is being provided as a courtesy, based on our professional relationship. As always, your feedback and suggestions regarding this newsletter as well as requests for future topics are appreciated. Please feel free to email us at newsletter@sullivanengineeringllc.com.

Quote of the Month

"Success usually comes to those who are too busy to be looking for it."

- Henry David Thoreau

EIFS Failures

By: Michael Frech



Exterior Insulated Finishing Systems (EIFS), commonly referred to as synthetic stucco, have been installed in the U.S. since the late 1970s, when its insulating benefits were marketed during the energy crisis. However, due to numerous reported failures, especially in large residential track developments in the Carolinas, EIFS received bad press in the mid 1990s. The problem was the "barrier system", which would trap water entering the wall system instead of providing a means for the water to exit. The resulting trapped water would rot the wood framing and OSB sheathing in a matter of months following installation. These failures were exacerbated by the use of unskilled labor and inferior construction practices. To deal with these issues, industry standards of design were changed to include the installation of a waterproofing membrane over the substrate, along with weeps at all horizontal terminations, commonly referred to as a "drainage system".

If installed properly, "drainage" EIFS cladding it is a fantastic option that provides aesthetic flexibility, uninterrupted insulation, and an installation cost that is less than masonry cladding. However, if the system is installed by untrained applicators, trapped water issues can occur, and even go undetected for years. This trapped moisture within the cladding can result in significant damage including: deteriorated sheathing, wet insulation, rotting structural members and the presence of mold...[Read More](#)

NYC Code Changes that Impact Roof Replacements

By: Adam McManus

www.artisanalbistro.com
2 Park Avenue, NY, NY
Review By: *Rebecca Reilly*

When you enter this glossy and sophisticated midtown manhattan restaurant, you'll feel like you've been transported to a bustling bistro in Paris. Artisanal offers a variety of french cheeses, along with recommended wine and cheese pairings. The flavors and textures of these perfectly paired preset options truly enhance each other. If you are interested in a specific cheese, menu item or wine, the very knowledgable sommelier will help you pair. Artisanal is also famous for its large and delicious fondues, served with tons of options for accompaniments, and great for sharing. A variety of creative and freshly prepared seafood and beef entrees are also available to enjoy. For dessert, the chocolate fondue, served with cookies, marshmallows and fruit for dipping, is a must.

Recommended Application

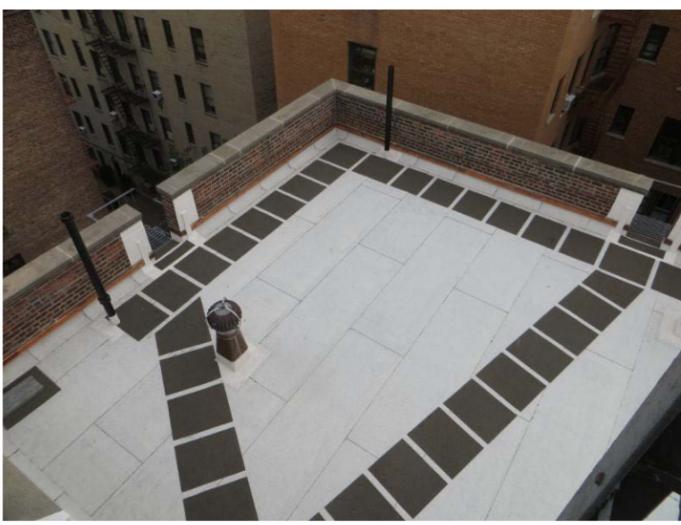


Acorns

Review By: *James Monahan*

Acorns is a new age money app designed to help users save money a little at a time. It rounds up your debit/credit card purchases to the nearest dollar and moves these small amounts into an account. Acorns can make manual deposits or setup recurring deposits through your bank. Money is moved into an investment account comprised of Vanguard funds, and the app provides a series of investment strategies ranging from conservative to aggressive. Money can be left in an account to compound yearly or be divested and transferred to a bank account of your choice. This app provides another method to help users set aside money at times when it seems difficult to do so.

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Several factors can significantly drive up costs during the design phase of a New York City roof replacement project. For example, a roof that has tested positive for asbestos containing material (ACM) will require abatement. A deteriorated or unstable perimeter railing requiring major repair or replacement must conform to the most recent NYC DOB requirements, even if the building was constructed with a grandfather clause under a different [building code](#).

According to the New York City Energy Conservation Code, the [insulation requirement](#) above a roof deck is R-25 or R-38 in the attic space. R-value is referred to as the thermal resistance and measures the ability of heat to transfer from one side of a material to another...[Read more](#)

Visit to Connemara Region of Ireland

By: *Kevin Duffy*



During a recent visit to Ireland I had the opportunity to stay at [Ballynahinch Castle](#) Hotel in the Connemara region of County Galway. The castle itself was built in the 1750s on an island within a lake on the 450-acre estate of the O'Flaherty clan. At the time of our visit, the original castle was undergoing renovations, and if the Irish weather doesn't cause too many rain delays, construction is expected to be completed next year.

The castle has had many famous residents and visitors over the years. During the 16th century, the castle was home to Grace O'Malley, who was the subject of the 2007 Broadway play "The Pirate Queen". One of the founders of the SPCA ([Society for the Prevention of Cruelty to Animals](#)), Richard Martin, better known as Humanity Dick, made the castle his home in the late 1700s. President Gerald Ford and First Lady Betty Ford visited the Castle in 1981. The carpet that the President stood on while giving a brief speech, has been adorned with the presidential seal, and hangs in the stairwell. Former British Prime Minister James Callaghan was also a guest at the castle in more recent years.

Although the castle renovations were underway during our visit ...[Read More](#)

Photo of the Month

Taken by: *Michael Frech*



New World Trade Center PATH Station and Oculus Structure

If you have any questions regarding this newsletter or any other topics that we have discussed please feel free to contact us at 973-706-8584 or via email at engineering@sullivanengineeringllc.com

Sincerely,

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