

# The Masonry Society

## Sustainability E-News

LEED Resilient Design Credits

February 28, 2019

Volume 11, Number 4

### SPONSORED EDITION

#### From The Editor

As you know there has been a lot of activity from the U.S. Green Building Council (USGBC) related to LEED of late. LEED v4.1 is out, and USGBC recently announced that the revised v4.1 credits can be substituted for v4 credits. Even more exciting is the long-awaited return of the Resilient Design Pilot Credits to LEED. First introduced back in 2015, they were only around for a short time before being withdrawn. Now after further refinement, and influenced by work of the [RELi standard](#), the LEED Resilient Design Pilot Credits are now available for project teams to use. Masonry structures can contribute toward many of the strategies found in these credits. Learn more about the three new credits in the article linked below.

The Masonry Society has also been busy, working on a variety of activities that we want to share with you! Register now for our upcoming TMS [Virtual Town Hall](#) to learn more about Committee activities and how you can contribute. We'll also be kicking off our new Membership Recruitment Contest. With a top prize of **\$500**, you don't want to miss this opportunity!

Christine "Tina" Subasic, PE, LEED AP  
CSubasicPE@aol.com

*NOTE: Inclusion in this newsletter is not an endorsement of the products and materials featured, nor have these products been evaluated by TMS or the editor. Furthermore, the views expressed in the articles featured are those of the article authors.*

#### GREEN BUILDING NEWS

I imagine that many of us don't often think of low-income housing when we think of green building, but recently approved guidelines in Georgia aim to change that! ~Tina

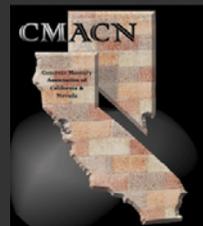
#### **Georgia Requires Green Building Certification for Low-Income Housing**

**USGBC.ORG**

Georgia continues to make great strides in advancing energy efficiency and sustainability for its low-income housing, this time through its 2019 Qualified Allocation Plan (QAP). Under the newly approved guidelines, the Georgia Department of Community Affairs (DCA) will now require all projects seeking to qualify for certain

#### **TMS's Sustainability E-Newsletter Sponsors**

#### **Platinum Level**



and the chance of losing the building to a fire may be permanent housing for those victims of Hurricane Irma, which devastated the lower Florida Keys as a Category 4 a year ago this past September. To read and see more, [click here](#).

## Is Green Infrastructure Always the Right Call?

**STAR TRIBUNE (Minneapolis-St. Paul, Minn.)**

Trees, parks and other green space have a difficult-to-capture value, and sometimes cities are better off relying on gray infrastructure in certain locations, writes Josephine Marcotty in [this article](#). "There is a huge interest in expanding funding for green infrastructures, but we don't have a tool to understand their value," says Bonnie Keeler, who reviewed more than 1,000 studies addressing green infrastructure.

*\*\*the article below was inadvertently left out of the first sending of the last edition, so it is repeated here for your convenience\*\**

## Thermal Breaks in Building Envelopes: Recent Research Findings

**STRUCTURE MAGAZINE**

Thermal bridges occur when a component of high thermal conductivity causes excessive heat flow through the building insulation envelope. A large variety of conditions can cause thermal bridging, including cladding (shelf angles, grillage posts, canopy beams), metal wall studs, window mullions, and poor corner detailing. Thermal bridges through the envelope by structural steel frames are either linear penetrations, such as shelf angles, or point penetrations, such as cantilever beams or rooftop columns. [This article](#) reviews recent research that challenges some common assumptions.

## CODES and STANDARDS NEWS

From new LEED Pilot Credits on Resiliency to a new EPD for the ready-mixed concrete industry, there is lots to read about in the links below. ~Tina

## USGBC Reintroduces LEED Resiliency Pilot Credits

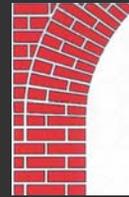
**USGBC.ORG**

LEED pilot credits for Resilient Design are available for projects once again. As profiled in USGBC's new policy brief [LEED Resilient Design Pilot Credits: How LEED Empowers Projects to Achieve a Higher Level of Resilience](#), these credits were originally offered in 2015 in an effort to bring resiliency to the forefront of project design. Now revised, the three Resilient Design pilot credits reflect feedback from LEED project teams and harmonize the credits with RELi, USGBC's emerging resiliency standard. Read more [here](#).

## LEED v4.1 Credits Available for LEED v4 Projects

**USGBC.ORG**

LEED v4.1 Operations and Maintenance (O+M), Building Design and Construction (BD+C), and Interior Design and Construction (ID+C) are now available for registration in LEED Online. In addition to registering a new LEED v4.1 project, you now have the option of



Western  
States Clay  
Products  
Association

\*\*\*

Gold Level



Masonry  
Institute  
of  
America

\*\*\*



Portland  
Cement Association \*\*

Silver Level



Southeast Concrete Masonry  
Association \*



Spec Mix \*\*

Bronze Level



the industry-wide Environmental Product Declaration according to [this article](#). The goal is to update ready-mixed concrete documentation in light of surging Life Cycle Assessment and Environmental Product Declaration activity, as well as a growing number of projects obtaining LEED v4 green building certification.

## **GREEN BUSINESS NEWS**

### **Smart Technology Helps Manufacturers Become More Sustainable**

**FORBES**

Smart manufacturing technology can help companies become more environmentally and economically sustainable while showing that they are socially responsible as well. Productivity can be improved and costs can be reduced through the implementation of analytical technology, and teams can be empowered to make sustainability dreams into realities, John Clemons writes in [this article](#).

### **Opinion: Use 5S to Minimize Waste, Maximize Efficiency**

**QUALITY MAGAZINE ONLINE**

The 5S principles for lean manufacturing -- sort, straighten, shine, standardize and sustain -- offer a path toward reduced costs and waste as well as improved efficiency and employees, Dean Marsman of Prince Manufacturing says. "When you're able to reduce waste, you'll be able to see, think, and move more clearly and concisely," [he writes](#).

## **EDUCATIONAL NEWS**

Time to register! Registration is now open for the upcoming TMS Meetings as well as for the 13th North American Masonry Conference. Both will be held in Salt Lake City in June. Check out the links below for more information. ~Tina

### **Register Now for The Masonry Society Spring Meetings**

**MASONRYSOCIETY.ORG**

Registration is now open for the TMS Spring Meetings to be held in Salt Lake City, UT June 14-16, 2019. For more information on the upcoming meeting and TMS Committee activities, check out [this link](#) or register to attend the upcoming [Virtual Town Hall](#).

### **Registration Open for 13th North American Masonry Conference**

**TMS**

The 13th North American Masonry Conference will be held June 16–19, 2019, in Salt Lake City, Utah. The Conference is hosted by Brigham Young University and is the latest in a series of quadrennial conferences sponsored by The Masonry Society. More than 150 papers from more than 20 countries are anticipated to be presented

**Nelson Testing  
Laboratories \*\***



**Northwest Concrete  
Masonry Association \***



**Pennsylvania Concrete  
Masonry Association \*\*\***



**Masonry Institute of  
Washington**

## **TMS Sustainability E-Newsletter Sponsors**

Click on the links above to learn more about each of these organizations who have graciously sponsored this E-Newsletter. The Sponsors designated with an asterisk (\*) are also TMS Members at the following levels:

- \*\*\* Sustaining Member
- \*\* Affiliate Member
- \* Individual Member

## **Interested in becoming a Newsletter Sponsor?**

Contact [TMS](#) for more information on becoming a Sustainability E-Newsletter Sponsor and having your



Advancing the Knowledge of Masonry

[www.masonrysociety.org](http://www.masonrysociety.org)

Please note: Your email address is from a list solely owned and maintained by The Masonry Society (TMS) for our exclusive email purposes. If you are a TMS Member, participate in a TMS Committee, or have requested TMS mailings, your email is essential to your membership, committee participation (including virtual meeting announcements and ballots), delivery of various TMS e-publications, and meeting/seminar announcements. Unsubscribing through our email sender, Constant Contact, will block all emails from TMS. If you would like to specify what type of emails you would like to receive from TMS, have questions about our email policy, or would like to subscribe to our newsletters, please contact TMS directly at [info@masonrysociety.org](mailto:info@masonrysociety.org). To view the TMS Privacy Policy, click [here](#).

The Masonry Society | 105 South Sunset Street, Ste. Q, Longmont, CO 80501

[Unsubscribe jc@masonryinstitute.org](mailto:jc@masonryinstitute.org)

[Update Profile](#) | [About our service provider](#)

Sent by [tmsmeetings@masonrysociety.org](mailto:tmsmeetings@masonrysociety.org)