

The Masonry Society

Sustainability E-News

Updating Codes

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SPONSORED EDITION

From The Editor

If you have never participated in the development of codes or standards, you probably don't realize the effort it takes to develop each new edition. Thousands of hours are spent, many by volunteers, discussing technical changes and, at times, the nuances of every word. It can be a tedious process, but one that also gives a sense of satisfaction knowing that you are improving building design in numerous ways. After 6 years of such work, The Masonry Society has just released the newest version of [TMS 402/602 Building Code Requirements and Specifications for Masonry Structures](#). This new edition contains many changes intended to make it easier to design and build with masonry. You can learn more about the updated code at the [Night School](#) planned for this fall.

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GREEN BUILDING NEWS

How structural engineers can focus on resilience

STRUCTURE magazine

A more challenging natural environment is leading building owners to demand more resilience in their structures, although the meaning of greater resilience is often poorly defined and often requires more precise guidance, writes A. Christopher Cerino. "Whether this performance guidance belongs in ASCE 7 will be a long debate, but the guidance is needed, and structural engineers are the most equipped to fill this void," Cerino writes in [this article](#).

CODES and STANDARDS NEWS

The new resource from HUD featured below focuses on resilience in building codes - both commercial and residential. While the toolkit is directed primarily to community planners, Section 6, Technical Appendix, is also useful for designers. This Appendix discusses hazards and mitigation strategies included in various codes and standards. ~Tina

HUD releases new Resilient Building Codes Toolkit

HUD EXCHANGE

The intent of the [Resilient Building Codes Toolkit](#) is to bring transparency and clarity to building codes, especially with respect to resilience. The main objectives of this work are to create a platform that allows all relevant stakeholders to navigate an otherwise challenging building code environment and to offer resources for Community Development Block Grant Disaster Recovery (CDBG-DR) and CDBG Mitigation (MIT) grantees to incorporate resilient

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building codes into their disaster recovery and mitigation efforts. Ultimately, the goal is to enhance resilience in the built environment, specifically with respect to housing and other critical building assets.

Standards for the circular economy

ASTM INTERNATIONAL

Manufacturers are designing products to be less resource-intensive and to recapture "waste" throughout the process as a resource to manufacture new products. Defined by the U.S. Environmental Protection Agency as a system "that involves industrial processes and economic activities that are restorative or regenerative by design," a circular economy is focused on eliminating waste and optimizing everything from materials to products to systems. As opposed to traditional approaches that see raw materials extracted, made into products, and then discarded after their useful lifespan, a circular approach is designed to reduce material use from the very beginning. [Read the article.](#)

Workshop: Fostering a Circular Economy and Carbon Sequestration for Construction Materials

NIST.GOV

Recordings and slides are now available from the June workshop on fostering a circular economy and carbon sequestration for construction materials. Topics ranged from advances in carbon sequestration and concrete to the circular economy for building materials, and included one from the [National Concrete Masonry Association](#). To listen to the recordings and view presentation slides, visit the [workshop website](#).

2024 National Green Building Standard development underway

HOME INNOVATION

Work on the 2024 version of the National Green Building Standard (NGBS) is underway. Task Groups are meeting and working their way through the many proposed changes from partners and other industry stakeholders. Below are some of the topics being discussed:

- How should embodied carbon be addressed by the NGBS?
- Which energy code baseline should be referenced in the 2024 NGBS version?
- How can the NGBS Existing Buildings pathway better align with accepted tools like ENERGY STAR Portfolio Manager?
- Should the NGBS incentivize artificial turf?
- Should a modern-style house be exempt from the roof overhang requirement to preserve the clean lines?

All discussions are open to the public, which means that you can still participate and help shape the next NGBS version, even if you did not apply for a formal role. Visit www.HomeInnovation.com/NGBS to view all process updates and upcoming meeting dates.

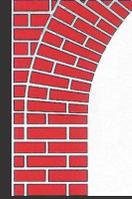
GREEN BUSINESS NEWS

The first article below is about plastics and recycling but there are some interesting points about how to communicate clearly for businesses. ~Tina

Is advanced recycling still good if it's not green?

GREENBIZ

Plastics recycling has become a burgeoning industry, with the advanced recycling moniker given to molecular and chemical recycling and other processes of keeping old medical plastics, synthetic textiles, carpeting, plastic strapping, and other products out of landfills. But many environmental activists say these processes often involve toxic chemicals, incineration, or other non-green features -- and therefore don't consider them to be true recycling.



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The true picture may be some of both. Read more [here](#).

Do something about slavery in your business supply chain

GREEN BUILDING LAW UPDATE

Slavery exists in 2022. There is simply no morally defensible reason for not doing everything in our power to end modern slavery. Many businesses haven't considered the problem or don't want to believe that modern slavery could be a part of their supply chains. Others have some appreciation of the problem but don't know how to get started addressing it. The reality is that modern slavery is found in nearly every part of every economy in the world. Most U.S. businesses are horrified to learn that their supply chain includes products and materials made by slaves somewhere in the world. A recent confidential self-assessment at a suburban Maryland construction project found not only slave labor in producing multiple construction materials in the supply chain but also forced labor at the site. Read more [here](#).

EDUCATIONAL NEWS

Order your copy of the newest masonry code and register for Night School to get up to speed on all the changes at the links below.
~Tina

New edition of TMS 402/602 masonry code and spec published

THE MASONRY SOCIETY

Following a 6-year development schedule, The Masonry Society (TMS) has completed and published the 2022 edition of [TMS 402/602 Building Code Requirements and Specification for Masonry Structures](#). This updated edition of TMS 402/602 includes numerous changes and additions such as completely revised veneer provisions that are more rationally based and a new Appendix on the use of GFRP (Glass Fiber Reinforced Polymer) reinforced masonry. These and other major changes will be reviewed in a [5-session Night School](#) starting on October 19.

Registration open for TMS Annual Meeting

THE MASONRY SOCIETY

Join us October 12-15, 2022, at the Sonesta Denver Downtown Hotel in Denver, CO for The Masonry Society's Annual Meeting. The meeting will feature Educational Sessions and an Awards Luncheon, as well as Society business and committee meetings (including TMS 402/602 meetings). It's a great opportunity to network with, and learn from, other masonry professionals. For more information and to register visit [the meeting website](#).

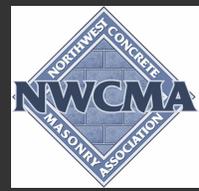
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