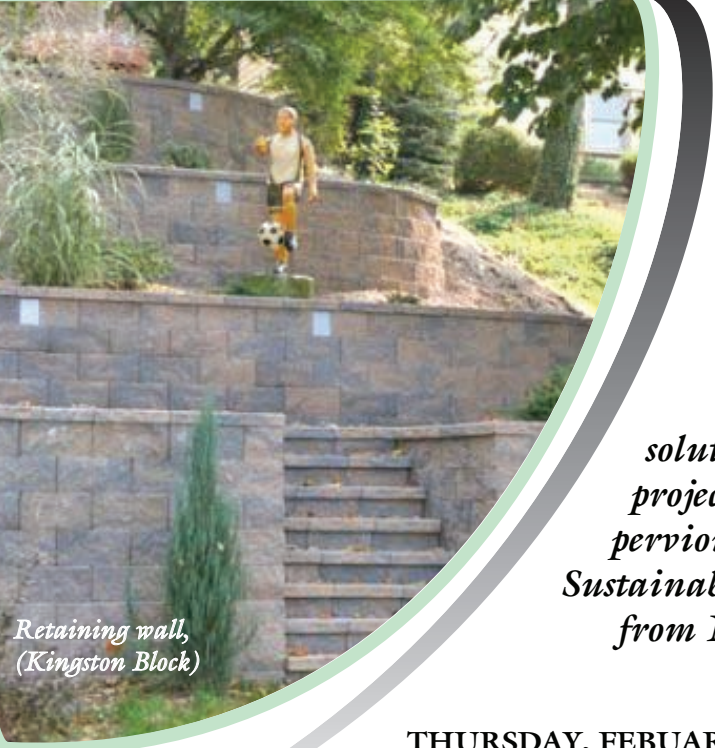


# 411

**Sustainable Design:**  
New Ideas for Hardscapes



*Calstar Products and Kingston Block, leaders in sustainable hardscape design, present LEED solutions for your landscape projects. Plus, learn about pervious concrete and the Sustainable Sites Initiative from NRMCA...*



*HERO Center, Gateway College, WI (Calstar Pavers)*

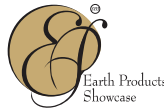
**THURSDAY, FEBRUARY 10, 2011**

**9:30 AM - 4:00 PM**

**O&G'S - EARTH PRODUCTS SHOWCASE  
9 SEGAR STREET • DANBURY, CT**



**OSG INDUSTRIES, INC.**  
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*Building tomorrow today, naturally.*



Connecticut Chapter of the  
American Society of Landscape Architects  
370 James Street • 4th Floor  
New Haven, Connecticut 06513

**ASLA**

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**TO:**

**THURSDAY, FEBRUARY 10, 2011  
O&G • 9 SEGAR STREET • DANBURY, CT**



*A Registered Program  
of LACES and AIA/CES*

## ■ Learning Objectives

At the end of this seminar, participants will understand...

- The significance of embodied energy in masonry.
- How to reduce the environmental impact of landscape masonry within your projects.
- The meaning and importance of sustainable building practices as it applies to hardscape design.
- How concrete masonry and hardscape products such as segmental retaining walls and permeable pavers can contribute towards LEED registered project requirements.
- Anchoring and connection details relevant to cast stone trim and veneer installation applications for landscape use.
- The sustainable aspects of ready mixed concrete and how pervious concrete has become a solution to stormwater management.

## ■ Schedule

**9:30 a.m. - 10:30 a.m.**

Reception & Registration (Continental Breakfast)

**10:30 a.m. - 12:00 p.m.**

**Gene Guetzow, LEED AP**, with **CALSTAR PRODUCTS** will describe the process of reducing embodied energy in landscape masonry construction and discuss the significance of CO2 emissions in masonry production. Evaluating and comparing alternative brick products for LEED project requirements will also be discussed.

**11:45 a.m. - 12:00 noon**

Questions, Answers & Discussion

**12 noon - 1:30 p.m.**

LUNCH

**1:30 p.m. - 2:45 p.m.**

**Kevin Hamedl, LEED AP**, with **KINGSTON BLOCK & MASONRY** will examine the environmental advantages of incorporating concrete masonry products into a building project's hardscape design and the benefit of increasing the demand of local materials, to support the local economy while reducing transportation impacts as it applies to the Materials and Resources section of LEED.

**2:30 p.m. - 2:45 p.m.**

Questions, Answers & Discussion

**2:45 p.m. - 4:00 p.m.**

**Doug O'Neill, LEED AP**, with the **NATIONAL READY MIXED CONCRETE ASSOCIATION** will discuss where concrete fits in with the LEED and the Sustainable Sites Initiative to include an outline of pervious concrete technology and how it is being used across North America to control stormwater runoff.

**3:45 p.m. - 4:00 p.m.**

Questions, Answers & Discussion

## ■ Directions

O&G's - Masonry Division and Earth Products Showcase:

**9 Segar Street · Danbury, CT 06810 · Tel: (203) 730-4880**

**From Connecticut:** I-84W to exit 4 (Lake Ave.). Turn left off ramp; first light turn right at Segar St.; go approx. .4 mile.

**From New York:** I-84E to exit 4 (Lake Ave.); at light go straight onto Segar Street; O&G on left approx. .4 mile.

*Program qualifies for four LACES and AIA/CES Learning Units (HSW)*

**COST** — \$65 ASLA/AIA Members • \$95 Non-Members  
\$45 Students (student ID required)

Name \_\_\_\_\_

Company \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

Make check payable to "CTASLA" and mail for receipt by Feb. 8<sup>th</sup> to:  
J.M. Communications, 125 South Street, Suite 281 · Vernon, CT 06066.

**OR register online** (by Feb. 9<sup>th</sup>) at [www.ctasla.org](http://www.ctasla.org) using your credit card.

**Questions?** Send email to [executivedirector@ctasla.org](mailto:executivedirector@ctasla.org) or call Jeff Mills at (860) 454-8922.

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