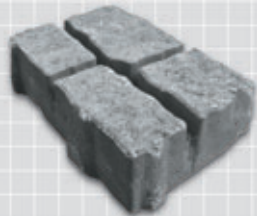


2000 Square Feet of Subterra™ Permeable Pavers Selected for 3.5 Million Dollar “Green” Remodel.

The ADA compliant units, when properly engineered and installed are capable of supporting light vehicular traffic, as well as allowing surface water infiltration into an engineered base receptor.



Manufactured by
Sierra Building Products, Fontana, California

This was an ECO-friendly remodel of a Southern California home. The materials used to complete the project were for the most part recycled or ECO-friendly “green” materials. Even the original concrete driveway was recycled. It was broken into pieces and later used to create planters and walkways in the rear of the home. The concrete driveway was then replaced with Belgard’s Subterra™ Pavers.



Who selected Belgard Hardscapes and why?

Richard Byrd and his team at Byrd Development chose Subterra for its permeability and architectural appeal. The home’s existing driveway had an extreme slope that created problems during heavy rain falls. Aside from the inherent problems caused by excessive water runoff, vehicle traction was a serious issue. The solution was found in a new permeable paving system developed by Belgard to address the needs of today’s environmental conscience homeowners, contractors and professionals. Subterra paving stones offered both the permeability and the classic good looks the Byrd Team was looking for.

Were any other permeable paver products or porous paving systems considered?

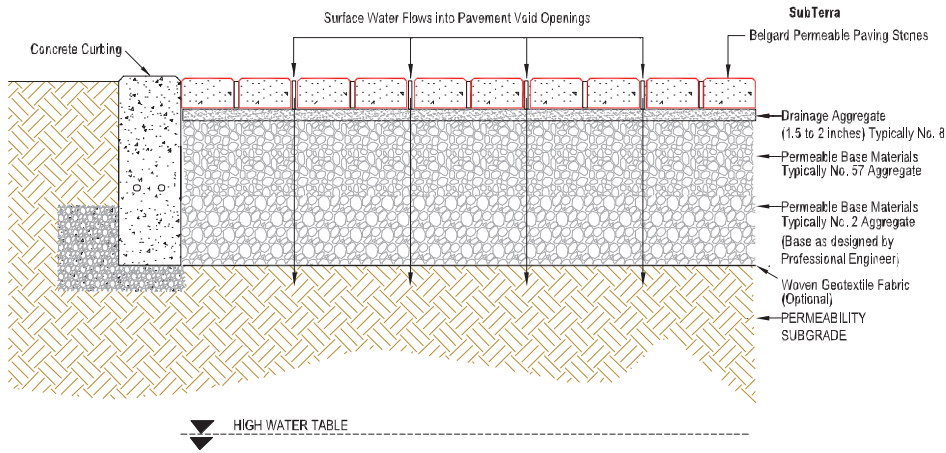
No. Belgard Subterra was chosen exclusively because it met the project’s criteria - primarily functionality, safety, and a look compatible with the existing architectural style.



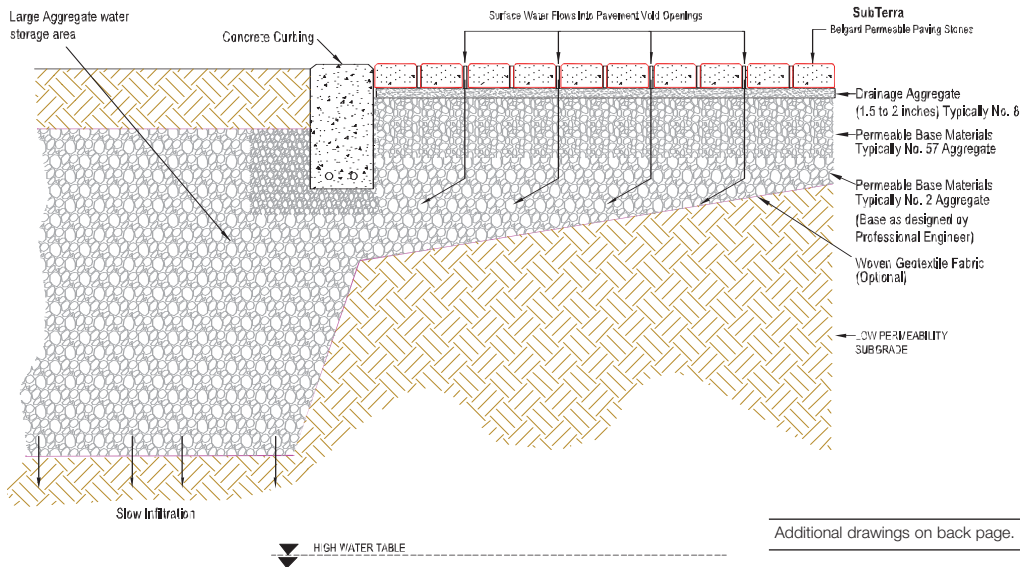
Project summary and architectural or engineering details (unique features, challenges, etc.)

This was a large LEED project featuring many ECO additions to the home’s remodel. Byrd Development installed water runoff systems to capture rain water and store it for later plant watering and growing. The drainage systems came from the roof gutters and drain pipes beneath the pavers, as well. Solar shade systems had solar panels above and daily stored power for landscape lighting at night. Recycled materials, such as decorative tiles, iron railings and old concrete, were used throughout the inside and outside of the home. This home was a unique, completely ECO-friendly home minimizing its environmental impact during project construction, remodel completion and for future homes. This home/project was a complete “green” remodel, LEED project, and home expansion by Byrd Development and the Discovery Channel. The ECO program will air on TV in early 2009. Episode 13 will feature our Subterra paver and install on the Discovery Network Channel.

Direct Infiltration Into Permeable Subgrade



Peripheral Storage With Slow Infiltration



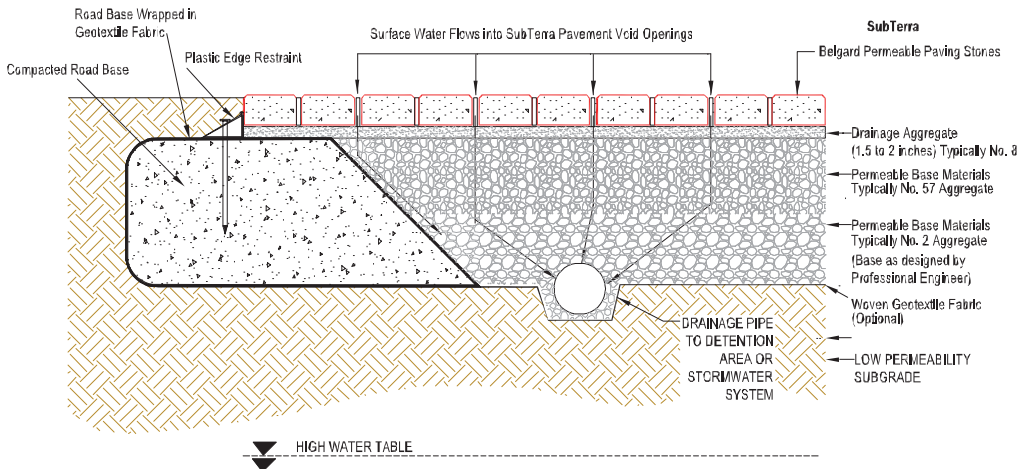
LEED and Belgard Permeable Paving Stone Systems

The Leadership in Energy and Environmental Design (LEED) program was originally developed for the U.S. Department of Energy. LEED utilizes a point rating system to recognize sustainable site and building design. Many organizations were involved in developing the rating system and certification program. The LEED program is administered by the U.S. Green Building Council www.usgbc.org Currently, many municipal projects that are city owned or city funded are mandating LEED point objectives, while private sector projects are pursuing LEED credit points on a voluntary basis.

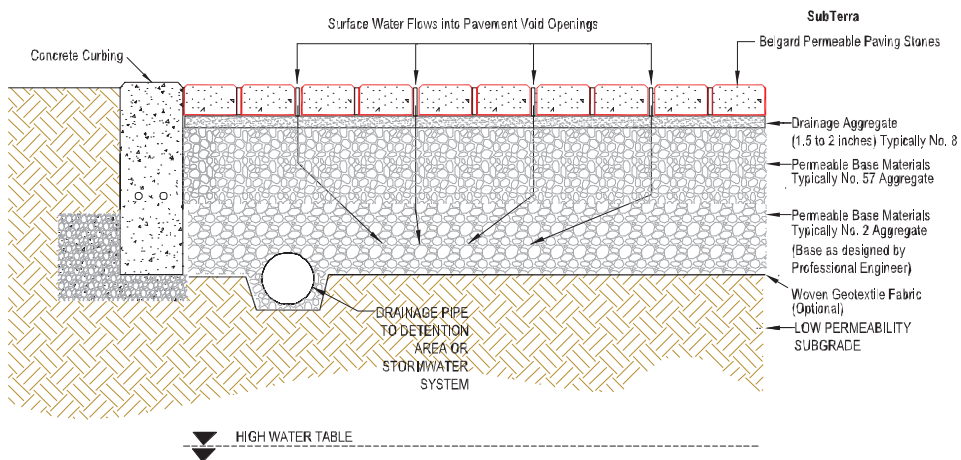
Belgard permeable concrete paving stone systems can earn credit points in the LEED rating system.

Please refer to the ICPI (Interlocking Concrete Paver Institute) www.icpi.org. Tech Spec Number 16 for a complete description and detailed explanation of LEED credits. LEED credits for new and major renovations earn points from six broad rating categories and of these six, the two primary categories that pertain to permeable concrete paving stones are *Sustainable Sites (SS)* and *Material & Resource (MR)*.

Residential Plastic Edging / Infiltration And Drainage Pipe Discharge



Infiltration And Drainage Pipe Discharge



Video available online at www.byrddevelopment.com

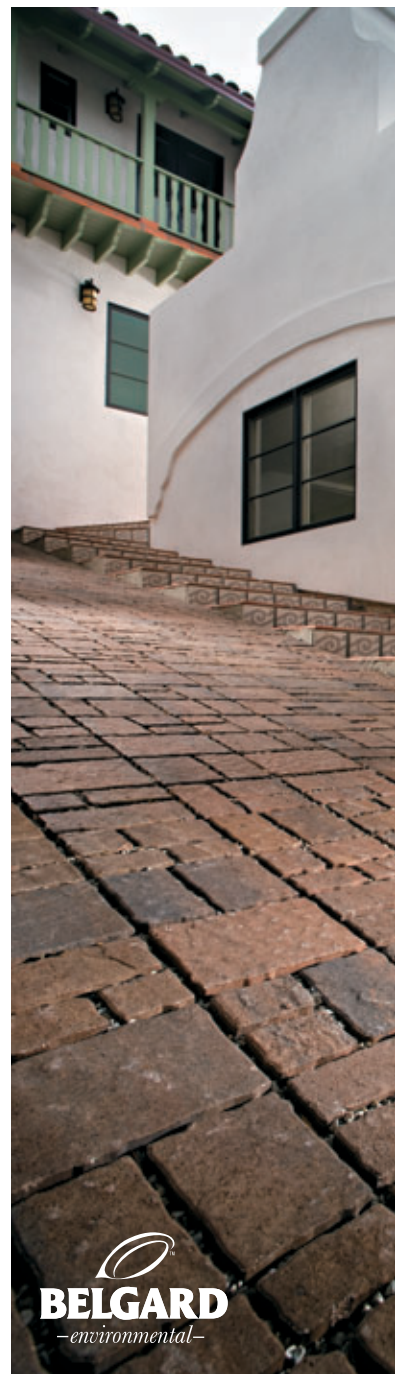
Approximate Coverage: 2000 square feet

Site/Property Owner: Byrd Development

Property currently valued at: 3.5 Million

Belgard's Subterra Manufactured by: Sierra Building Products...an Oldcastle Company

Local Dealer: Prime Building Materials, N. Hollywood, CA



Oldcastle Architectural Products Group
 375 Northridge Road, Suite 250
 Atlanta, Georgia 30350
 Phone: 1-877-BELGARD
www.Belgard.Biz



The ADA compliant units, when properly engineered and installed are capable of supporting light vehicular traffic, as well as allowing surface water infiltration into an engineered base receptor.