

Bomanite Pervious Concrete Systems

PROJECT PROFILE

SPROUTS FARMERS MARKET PARKING LOT



PROJECT INFORMATION

The Sprouts Farmers Market Store located in Denton, Texas incorporated a void structured Grasscrete parking lot into their build and design. The company needed a pervious pavement system that could control storm water drainage, stand up to emergency vehicles as well as offer a standard parking lot with delineated parking stalls.

Working with the local Grasscrete Installer, [Texas Bomanite](#), and the engineer, Winklemann & Associates, Inc. the parking lot was designed and installation of 14,775 square feet began with the layout of the formers to fit the space and requirements. The subbase was prepped prior to the formers being laid. Reinforcing rebar was set and concrete poured next to provide the stability and strength needed. Former tops were then removed and voids filled with stone.

The Grasscrete Stone Filled System was ideal for Sprouts. The Stone filled system is perfect for sustained traffic areas and can be filled with no-fines stone for maximum percolation rates while providing a low maintenance option that is both functional and environmentally friendly. Stone filled systems are capable of draining at rates of up to 480 inches per hour with 100% retention of water possible with correct design.

Sprouts practices "Responsible Retailing" in sourcing, operations and building. All stores are built to LEED Silver specifications. The void structured Grasscrete system contributes to [LEED requirements](#) due to the reduction in heat island effect, management of storm water runoff, recycled content used in the application process as well as the concrete and sub-base, the long lifespan and the low maintenance required. Grasscrete Systems are highly sustainable with a very low life-cycle cost and the ability to be completely recycled and used in a future project.

PROJECT DETAILS

LOCATION

Denton, TX

CLIENT

Sprouts Farmers Market

PROJECT DESIGNER

Winklemann & Associates Engineers

GENERAL CONTRACTOR

Ridgmont Commercial Construction

INSTALL COMPLETED

Fall 2016

SQUARE FEET

14,775

BOMANITE SYSTEMS

Bomanite Pervious Concrete Grasscrete Stone Filled System

NAME OF BUSINESS

Environmentally Friendly Parking Lot

BOMANITE LICENSED CONTRACTOR

Texas Bomanite

11107 Morrison Lane

Dallas, TX 75229-5608

TEL: 972-484-8465

FAX: 972-484-8466

Website: www.texasbomanite.com

Email: info@texasbomanite.com

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