Realize the possibilities

Bomanite Pervious Concrete Systems

PROJECT PROFILE

WOODBURY COMMUNITY DEVELOPMENT

PROJECT INFORMATION

Woodbury is a neighborhood of Irvine, California, located from Irvine Boulevard to Trabuco Road, between Jeffrey Road and Sand Canyon Avenue. Several recreational facilities have been developed within the community. The Woodbury Community Park, a public access park contains two baseball diamonds, two basketball courts, a soccer field, a community center building, and a 3,000 sq ft Tot-Lot, which is part of The Commons.

The Commons, in the heart of Woodbury, is a 30 Acre social gathering spot, with an elementary school, and a 9-acre private recreational facility, with four tennis courts, a basketball court, a beach volleyball court, three swimming pools, a water garden, and a great lawn.

The Woodbury Community Development was in need of access points for emergency vehicles. Without compromising the landscape design, the Grasscrete Concealed System was chosen for its aesthetics and durability. Grasscrete was installed along the Jeffrey Trail and adjacent to the trail to allow emergency vehicle access to the rear of residences for a quicker response time.

The Fully Concealed Grasscrete System, part of the Bomanite Pervious Concrete Systems was also employed as medians to provide wider turnaround areas for fire trucks and maintenance vehicles. Additional areas installed around The Commons clubhouse and volleyball court allow greater accessibility in case of an emergency.

By forming a concrete lattice of solid and void, Grasscrete combines the strength and rigidity of a single, structural framework while still providing enough access to soil, water, and sunlight to support sustained vegetation. The result is a vegetated permeable surface that remains drivable when needed, capable of supporting the parked weight of a fully loaded fire truck. Grasscrete offers the ability to provide year-round access for a variety of applications requiring structural paving surfaces without compromising the aesthetics of the exterior landscaping while accommodating a variety of needs for the Woodbury Community Development.

PROJECT DETAILS

LOCATION
Irvine, CA

INSTALL COMPLETED
2007

BOMANITE SYSTEMS
Bomanite Pervious Concrete Systems - Grasscrete Fully Concealed System

BOMANITE PRODUCTS
Reusable Formers

NAME OF BUSINESS
Emergency Vehicle Access

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PROJECT PROFILE

WOODBURY COMMUNITY DEVELOPMENT

Woodbury Community Development - Grasscrete Emergency Vehicle Access Jeffrey Trail

Woodbury Community Development - Grasscrete Emergency Vehicle Access Club House

Woodbury Community Development - Grasscrete Emergency Vehicle Access Median

Woodbury Community Development - Grasscrete Emergency Vehicle Access Club House

Woodbury Community Development - Grasscrete Emergency Vehicle Residential Access

Woodbury Community Development - Grasscrete Emergency Vehicle Access Club House

Woodbury Community Development - Grasscrete Emergency Vehicle Access Sidewalk

Woodbury Community Development - Grasscrete Emergency Vehicle Residential Access

Woodbury Community Development - Grasscrete Emergency Vehicle Residential Access

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PROJECT PROFILE

WOODBURY COMMUNITY DEVELOPMENT

Woodbury Community Development - Grasscrete Emergency Vehicle Access Volleyball Court

Woodbury Community Development - Grasscrete Emergency Vehicle Access Jeffrey Trail

Woodbury Community Development - Grasscrete Emergency Vehicle Access Jeffrey Trail

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