

Bomanite Pervious Concrete Systems

PROJECT PROFILE

NREL CENTRAL ARROYO DETENTION POND



PROJECT INFORMATION

Approximately 10,000 square feet of Grasscrete was installed in NREL's Central Arroyo Detention Pond by Bomanite Licensee, Colorado Hardscapes. NREL (National Renewable Energy Laboratory) has had great success with the application of on-site pervious pavement systems to reduce site runoff and maintain predevelopment hydrologic conditions.

Over 59,000 square feet of pervious paving materials have been implemented on the STM campus in support of their living laboratory environment. Grasscrete allows the native planting in the pond to grow, protecting the root systems within the voids, and provides easy cleaning and scraping of the pond as needed without disrupting the pond's shape and root system. The concrete was integrally colored an earthy brown tone to blend in with the natural surroundings. Grasscrete provided an excellent, continuously reinforced, cast-in-place pervious concrete solution for NREL.

PROJECT DETAILS

LOCATION

Golden, Colorado

CLIENT

RNL

GENERAL CONTRACTOR

Growling Bear

INSTALL COMPLETED

March 2012

SQUARE FEET

10,000

BOMANITE SYSTEMS

Grasscrete - Single Use Molded Pulp Former - Partially Concealed System
Bomanite Integral Color

BOMANITE LICENSED CONTRACTOR

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