



SF-Rima - Project Report # 34

Project:

**Legacy Park
Malibu, CA**

about 4,000 sq.ft. SF-Rima™ pavers

"Look! It's a central park. It's an oasis. It's an environmental cleaning machine".

The Malibu Legacy Park Project is the centerpiece of the City of Malibu's commitment to water quality and the environment.

The city envisioned a central park that functioned like an environmental cleaning machine to reduce pollution impacts and improve water quality in Malibu Creek, Malibu Lagoon and Surfrider Beach.



Before runoff from the Malibu Creek watershed enters the park, screening equipment will capture food containers, paper cups and other detritus, said Bob Brager, Malibu's public works director. Buried beneath the visitors' feet is a sophisticated network of pipes and filters engineered to remove bacteria, metals and trash from the stormwater runoff that has long contaminated Malibu Creek.

The water will then flow through a bio-filtering creek to a retention basin where sediment can settle. Gravity will draw the water to a treatment facility where it will be filtered and disinfected with ozone.



The permeable paving stone system **SF-Rima®** was chosen for the visitors' center and surroundings to eliminate runoff from frequent, low intensity and short rainstorms.



Rain water passes through joints between the pavers, through aggregate layers for temporary storage, filtering, treatment and eventually it is released to the ground water. Lifetime infiltration rates on maintained **SF-Rima® pavements** are expected to be in excess of 3.8 inches per hour.

(Some information copied from the Los Angeles Times)

Landscape Architect:

RHAA Landscape Architects in Mill Valley, CA

General Contractor:

LH Engineering in Anaheim, CA

Installer: MMC Pavers in Los Angeles, CA

SF-Rima® manufacturer: Angeles Block Co., Inc.

Photo courtesy:

Dennis Patrick, Angeles Block Co. Inc.

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