

MILLBROOK WEST DEVELOPMENT QUEENSTOWN

“FUSAKOS RETREAT” COMMUNITY AREA ECO RAIN® INSTALLATION

Product: ECO Rain® - Root Zone Irrigation Mat

Problem

With irregular lawn areas and varied plantings, it is difficult to achieve even water distribution with overhead sprinklers. Different plants have different water requirements so over and under watering can occur.

Solution

ECO Rain® is a new innovative system recently launched in the New Zealand market. ECO Rain® is developed and manufactured in Germany as a sub surface irrigation matting, installed below the root zone to provide water directly and evenly to the entire root zone. With no loss of water via evaporation, surface runoff, wind drift and overspray, ECO Rain® can achieve water savings of up to 70% in dry conditions.

Outcome

With good preparation, the ECO Rain® was installed quickly and easily. With the matting laid out and pinned down, it is easily cut to any shape or curve. An 125mm deep layer of topsoil was placed with germination taking approximately 12 days.

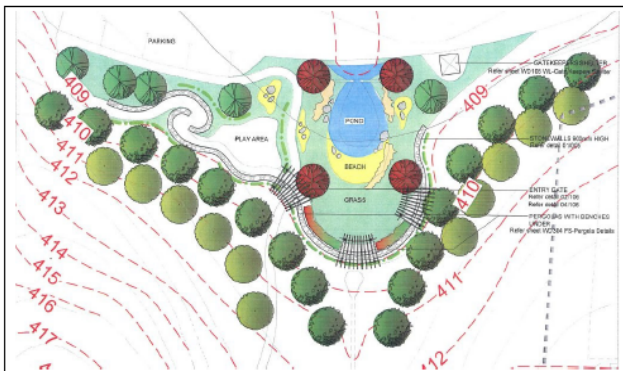
The system is governed by a battery operated timer with Morgan & Pollard keeping statistics on water usage. Approximate water usage for 229m² is 519 litres per day, with station run times of 8 minutes during normal water cycles.



Area prepared for ECO Rain® installation



ECO Rain® cut to follow natural curve of courtyard



Installers / Contractors name:

MORGAN & POLLARD LANDSCAPES

Designers:

BAXTER DESIGN GROUP

Products used:

ECO RAIN®

Construction date:

COMPLETED MARCH 2008



Completed project

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Quality System AS/NZS ISO 9001:2000

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