

Eco-Frame System



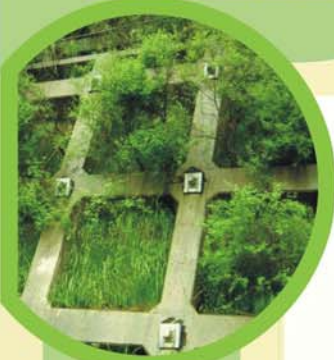
Sustainable Slope Stabilization Technique

Feature

- ① Reinforced Concrete Structure
- ① Fiber soil for all classes of planting species

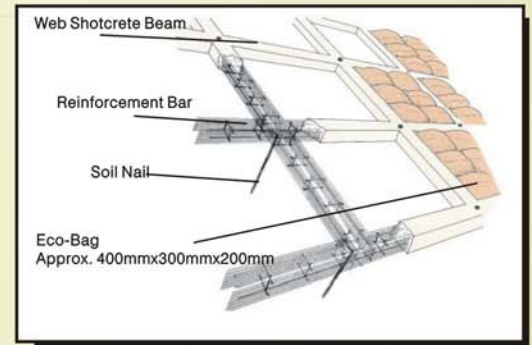
Advantages

- ① Allow tree preservation
- ① Enhance biodiversity planting Species
- ① Cost effective for remote site condition
- ① Environmental friendly used material
- ① Enhancement of soil nail stabilization



APPLICATION SURFACE

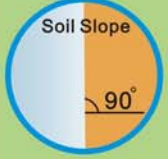
- ① Steep Slope Stabilization
- ① Stream Bank Restoration
- ① Natural Terrain Mitigation
- ① Filled Slope Enhancement



JOB REFERANCE



Vegetation Objective



Maximum Application Gradient



Maximum Application Gradient



Erosion Control



Prefabricated Seed & Fertilizer



Maintenance Free



Close Shot and Overview



Hydromulching Cover and Shotcrete Cover



After and Before the Works



After and After the Works

WORKING PROCEDURE



1. Laying Wire Mesh



2. Installation Soil Nail Head



3. Installation of Reinforcement Bar



4. Wet Spraying Cement/Sand Mortar



5. Hydromulching



6. Performance after 6 Months

PROPOSED NATIVE PLANT SPECIES

Tree

Shrub

Herb

Ground Cover

Climber



Gordonia axuillaris
大頭茶



Raphiolepis indica
車輪梅



Alocasia Macrorrhiza
海芋



Nephrolepisauriculata
腎蕨



Zebrina purpusii
紫吊竹草



Mallotus paniculatus
白楸



Bougainvillea glabra
籐杜鵑



Spathiphyllum kochii
白掌



Lantana camara
馬纓丹



Lonicerajaponica
金銀花



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