

KASA LUNTIAN IN TAGAYTAY CREEK REVETMENT PROTECTION TAGAYTAY, REGION IVA, PHILIPPINES

Channelling Works

Problem

Kasa Luntian is a leisure residential condominium development nestled in the tourist area of Tagaytay City. The development embraces the natural way of living and emphasizes the connectedness with nature. The approximately 0.8 hectares retail district is envisioned to be a leisure residential condominium complex. The developer requests a cost-effective solution to build the revetment and protect the banks from erosion due to stormwater flow. More importantly, the open-channel creek should encourage vegetation to blend with the landscaping of the area.

Solution

MacMat R was adopted as the best solution which fits the requirements of the client. MacMat R immediately increases the soil's resistance to erosion by providing an environment that enhances the growth of vegetation through the mat. Quality topsoil is brushed into the 3-d matrix of the mat following installation.

Client: Alveo Land

Designer / Consultant: ARCHKO DESIGN & BUILD

Contractor: ARCHKO DESIGN & BUILD

Products used (Qty.)

- MacMat R - Steel n/a
- Reno Mattress n/a

Date of construction: 06/2019 - 09/2019



Before Construction



Before Construction



After Construction



After Construction



After Construction