

IL GIARDINO RESIDENCES SLOPE PROTECTION

General Trias, Cavite, Philippines

GEOTECHNICAL / RETAINING WALL / SLOPE PROTECTION

Products: Maccaferri Gabions, Reno Mattress, MacTex Nonwoven Geotextile

Problem

An old-world Italian charm subdivision, Il Giardino Residences by CITIHOMES Builders and Development Inc., was being developed in Gen. Trias, Cavite, Philippines. The boundary lines of the subdivision are made of unprotected slopes with heights ranging from 2m to 12m and are adjacent to a small creek. The Owner/Contractor required an economical solution to protect the perimeter of the subdivision to ensure safety and value of property lots.

Solution

The Owner/Contractor requested the assistance of Maccaferri (Philippines), Inc. for a cheap and suitable slope protection system.

After studying the amount of the proposed system and ensuring the durability of the Maccaferri materials, the proposal was approved, which recommended Maccaferri's gabion gravity retaining wall system.

The proposal required Maccaferri's heavily Zinc-coated gabions.



Before Construction

November 2007

Project Owner

CitiHomes Builders & Dev't. Inc.

General Contractor

CitiHomes Builders & Dev't. Inc.

Consultant

Maccaferri Products

13,882.00 cu.m. Maccaferri Gabions
13,120.00 sq.m. MacTex Nonwoven Geotextile

Construction Info

Start of Construction : January 2008

Completion Date : February 2009



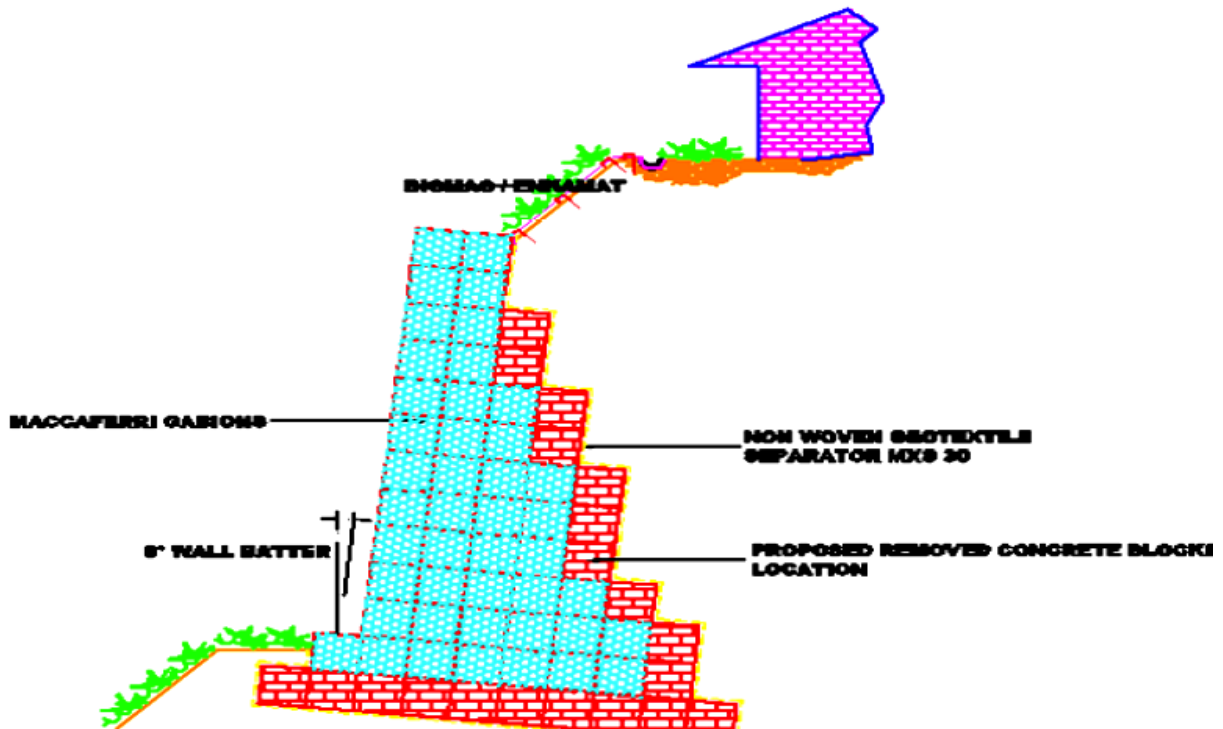
During Construction

March 2008

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MACCAFERRI



Proposed Section



Project Completed

February 2009

MACCAFERRI (PHILIPPINES), INC.

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Engineering a Better Solution