

EYNESBURY MARINA DEVELOPMENT ST NEOTS, CAMBRIDGESHIRE

RETAINING STRUCTURES

Product: MacWall

Problem

A retaining wall was needed along the marina water frontage where there is an access path below.

Persimmon Homes were constructing several new houses which were to be built around the marina, each with a terrace garden. Stairways provide access to the houses above. In addition the walls would have a variety of curves and corners to accommodate.

The chosen system had to be cost-effective, aesthetically pleasing and quick and easy to install.

Solution

The MacWall, designed by Maccaferri and detailed by Project Architect CHBC Architects, forms a 2 metre high retaining wall between the lakeside footways and the newly built houses that border this section of the marina development.

Chosen because of its ease and speed of construction for this complex, piled-foundation site, the MacWall was built by Maypine Construction over an 8 week contract period. Their site management was full of praise for how easily the MacWall system was to install. They were 'well impressed' said a Maypine spokesmen.

The MacWall was constructed on compacted granular material footings and incorporate site-won back-fill materials placed in compacted layers, with polymeric geo-grid reinforcement behind the wall to create raised terraces overlooking the marina. These provide additional recreational space for the home owners and add an important vertical dimension to the overall scheme aesthetic.

The curves and corners were easily constructed with



Post construction



Post construction

Architect:

CHBC ARCHITECTS OF NEWMARKET

Main contractor name:

MAYPINE CONSTRUCTION LTD

Designer:

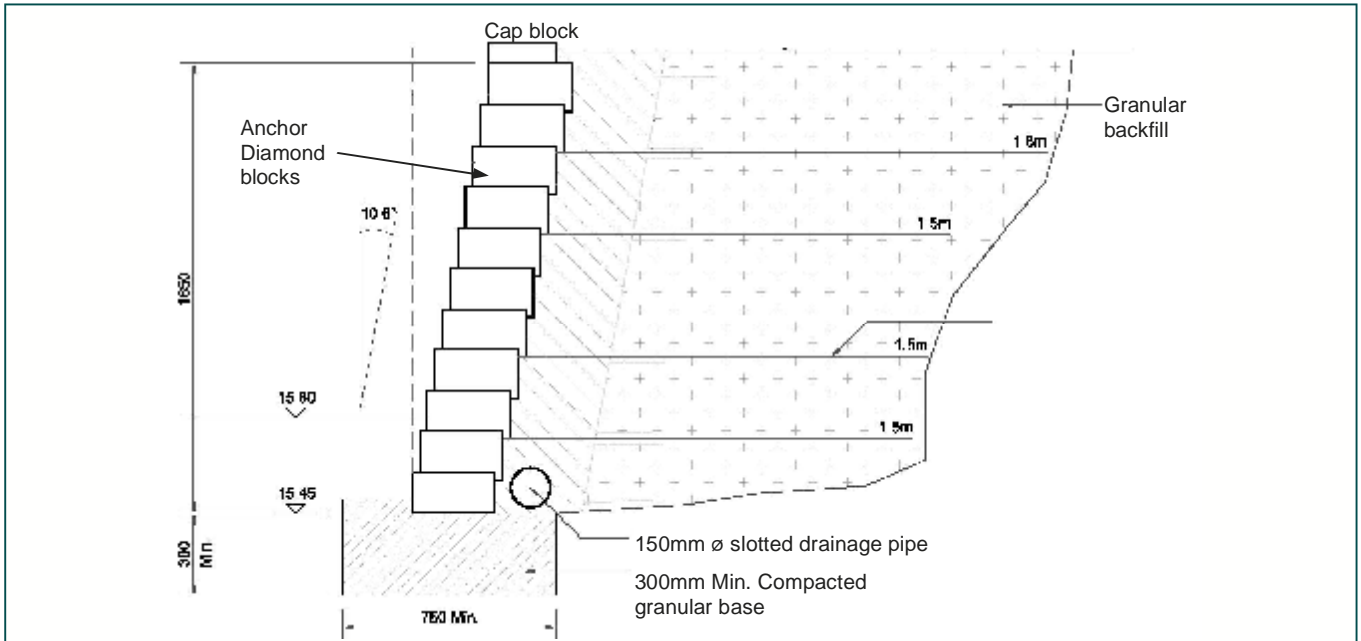
MACCAFERRI LTD

Product used:

MACWALL "DIAMOND", PARAGRID

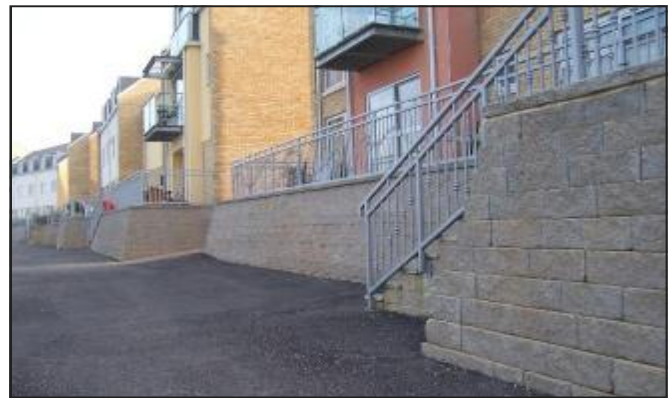
Construction date:

SUMMER 2006



Typical section

the MacWall system. The many staircases within the retaining structure were built using MacWall Diamond and where necessary, Acheson & Glover's Alphacrete range, which matched the textures and colours of MacWall Diamond. The simplicity and cost effectiveness are rarely found in a system that looks this good, leading to another satisfied client.



During construction



During construction

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