



6m high vertical, composite wall

### Composite installation in Constantia wins CMA Award

This extremely rugged site with difficult access conditions required a number of creative earth retaining and stabilizing measures.

Some fairly conventional plant-supportive terraces were built at the lower end of the property to create a large level garden platform.

Incorporated in these walls is a storm water retention pond, lined with Terrafix blocks and an overflow of L11 blocks. Due to the clayey and at times waterlogged soil conditions, additional geofabric reinforcement of the backfill was required.

Elsewhere on the site, a 6m high vertical, composite retaining wall with innovative design was constructed.

Rounding off the project around this prestigious estate, are a number of earth stabilizing walls and toe walls using L11 blocks in smooth round face and split face elevation.

### Awards for excellence 2003

Every two years the Concrete Manufacturers Association (CMA) celebrates this event in recognition of high standards in quality and aesthetics.

In the division - Retaining Block Walls - Terraforce romped home with four of the five regional and national awards.

The featured project in this newsletter was awarded the Bayer Trophy (Premier Award), which Terraforce has since been awarded two more times.



4x4 stairs are incorporated in the design



Credits:

#### Designer:

Jeremy Leighton

#### Engineer:

De Villiers & Sheard / B.V.I. Consulting

#### Walling Contractor:

Decorton

#### Manufacturer:

Klapmuts Concrete(Pty)Ltd.