

Existing landscaping:



As shown in the above photo, the existing landscaping (prior to collapse) consists of a stone masonry retaining wall with a grassed slope behind it. The area was also fenced off by wood panel fencing so that the grass slope was not accessible.

Proposed landscaping:



The proposed work includes the repairing of the existing, partially collapsed stone retaining wall, and the rebuilding of the collapsed section of retaining wall in the form of a Gabion Wall.

The construction of the new Gabion Wall will involve lowering the height of the partially collapsed stone wall at the toe of the structure, grading slope back to a uniform profile and nailing the new gabions to the graded bank.

The Gabion Wall itself will consist of 9m soil nails, which will then be extended at the front of the existing wall so that the 150mm thick gabion structure can be attached and stone filled. The construction of a typical wall of this type is shown in the above photo.

The upper part of the slope will be covered with a growth promoting geogrid and a plastic coated galvanised mesh which can be top soiled.