

CASE HISTORY :- PRIVATE HOUSE, ROCHDALE

ARCHITECT	MORRIS DEAN
CONTRACTOR	HELM CONSTRUCTION
CONSTRUCTION	AUTUMN 2003
GABION WALL DESIGN	HY-TEN GABION SOLUTIONS



Originally a gabion wall was constructed some 8 years previously on the boundary of the property, as a result of poor construction and the gabion fill being subjected to degradation (mud stone fill) the wall failed resulting in the loss of a conservatory at the rear of the house.

Hy-Ten visited the site and proposed a new gabion wall design using the Hy-Ten gabion 700 system to re-instate the original wall. The 700 system was chosen as the best gabion system to provide the high quality of construction demanded.

CASE HISTORY :- HOLME VALLEY MEMORIAL HOSPITAL, HOLMFIRTH

ENGINEER	JOHN NEWTON AND PARTNERS
CONTRACTOR	CONROY BROOK DEVELOPMENTS
CONSTRUCTION	SUMMER 2003
GABION WALL DESIGN	HY-TEN GABION SYSTEMS



A new retaining wall was required to the rear of new extension works to the hospital. The new building is yet to be constructed and will be only a footpath width from the gabion wall, this combined with a preservation order on the adjacent trees resulted in a limited construction width for the 6m high wall over part of its length. To enable the construction of a wall with limited width, the design involved gabion units with a 300mm front cell filled with rock and the rear cells lined and filled with mass concrete to maximise the mass of the wall.

The Hy-Ten gabion 700 system was chosen to achieve a superior quality of installation.