HY-TEN GABION SOLUTIONS

Dunstall Hill Trading Estate,
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Tel 01902 712200 Fax 01902 714096
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# CASE HISTORY :- PRIVATE HOUSE, ROCHDALE

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| 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.

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# CASE HISTORY :- HOLME VALLEY MEMORIAL HOSPITAL, HOLMFIRTH

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| 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.

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