HY-TEN
GABION SOLUTIONS

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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.

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