

CASE HISTORY: ISABEL LANE - KIBWORTH

CLIENT: John Littlejohn Designer Homes Ltd
GABION CONTRACTOR: Retaining Solutions Ltd
SERVICES PROVIDED BY
HY-TEN GABIONS: Design advice and detailed construction layouts and calculations
Material Supply
On-site technical support during the construction programme



Project Overview: The site is located in the centre of Kibworth, where the northern site boundary is formed by a railway and the southern boundary by residential properties.

A substantial gabion retaining wall was required to retain the gardens of existing plots to the south, which forms the boundary of the new designer homes. Gabions were designed as stepped face to accommodate decorative plantings. The 96m long wall ranged from 1.4 to 3 meters in height and the founding baskets were up to 1.7 meters deep.

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Hy-ten designed and manufactured the gabion units using Triple life coated 76.2mm x 76.2mm welded mesh in 5.0mm wire diameter.

The gabion fill material was locally sourced Granite and was typical of class 6G gabion graded stone, 100 to 150mm in diameter, with key properties being hard, durable and frost resistant.

All wire products supplied conformed to the new European/British Standards BSEN 10223-8:2013.

If you would like Hy-Ten to design and supply gabions and land reinforcement products for you, please contact us on 01902 712200