

OPTIMUS POINT M1 JUNCTION 21A, LEICESTERSHIRE, UNITED KINGDOM

Mass Gravity Retaining Walls

Problem

Optimus Point is a popular and sought-after location for warehouse/distribution in the UK and sits off junction 21a of the M1. This 65-acre site is providing industrial warehouses and distribution facilities ranging from 30,000 sq. ft. to 150,000 sq. ft.

Solution

Working for Winvic Construction, Maccaferri has provided a design, supply and installation service to construct several gabion and Terramesh System walls in various locations.

Maccaferri Construction has installed a 4.5m high Terramesh System wall to retain ground forming the plot which has been occupied by Geary's Bakery and allow for the levelling of the site which will be occupied by James Latham timber merchants.

A 3m high mass gravity gabion wall was also constructed to the south of the plot.

Client: Wilson Bowden Developments

Designer / Consultant: BWB Consulting Ltd

Contractor: Winvic Construction Ltd

Products used (Qty.)

Date of construction: 07/2017 - 10/2017

[Google Maps](#)

[Google Earth](#)



At Optimus Point, the first phase of the works started in 2016.



Water tanks behind the wall were placed over a concrete slab.



Gabion set out at DPD development location - Autumn 2017



Walls at DPD location completed - the total length of the wall is 220m



The Terramesh wall at Geary's Bakery location is 100m long by 4.5m high



Terramesh System installed at Geary's Bakery