



How Tobermore Systems Approved Stratagrid™
Provided Levelling For Housing Site's Slopes:

Land off New Mill Road



 **Client:** Wales & West Housing Association

 **Land off New Mill Road, Cardigan, SA43 1QT**

 **Sector:** Housing

 **Contractor:** Jones Brothers (Henllan) Ltd

Project Overview

The project comprises a regular shaped development site extending to approximately 4.99 acres, benefitting from frontage onto New Mill Road being a generally level site with good access.

We are informed that the site consists of permanent pastureland currently utilised for grazing purposes. The project is to develop 51 affordable units, including: Flats, bunaglows and two-storey houses.

Challenge

Our client needed to prepare the rural land via the necessary earthworks & retaining structures to provide the necessary frameworks for the 51 housing units to be developed.

Due to the land in question being rural and previously utilised for grazing purposes, site inspections revealed the land sloped in multiple directions. Jones Brothers' initial steps to develop the land was to make the entire site level. Planning for this involves building a retaining wall to introduce a 2-tier system on the land for the houses to be situated on.

Innovative Solutions:

Geosynthetics Ltd were approached for our Stratagrid™ range to assist with levelling the site's slopes.

◆ Tobermore Systems Approved

At Geosynthetics we are proud to have our Stratagrid™ range approved for use within Tobermore retaining wall systems.

This can provide developers with complete trust that the Stratagrid™ range will function as required, providing peace of mind.

◆ Cost effective solution

Stratagrid™ is a cost effective resource for retaining wall & stabilisation projects, requiring less raw materials when installing.

The Stratagrid™ solution has distinct economic advantages over traditional hard solutions like reinforced concrete structures.



Key Achievements:

1

2 Tiered System: Site were able to successfully complete the 2-tiered system to provide the foundations for the 51 houses to start development.

3

Quick Turnaround: Stratagrid™ was quoted & supplied to site within a few days of purchase allowing work to quickly start, thanks to stock being readily available for projects like this.

2

Tobermore Approved: Stratagrid™ was easy to apply as a result of the tobermore designs being clear & easy to follow.

4

Cost Effective: Maintained structural performance whilst significantly reducing project costs.

Impact

This project showcases our ability to:

- Collaborate with manufacturers like Tobermore in providing a solution that works for a wide range of applications.
- Provide an efficient & cost-effective method of stabilising soil structures/retaining walls.
- Quickly supply sites with the relevant products to complete the necessary works on site.

Contact Geosynthetics Ltd today to learn more about how our Tobermore systems approved product, Stratagrid™ can be utilised for your project.

