

Case Study

Project

Sloping Gravel Grid Driveway

Project Ref

NCS009

Category

Gravel Stabilisation Grids

Product ID

Nida gravel 130 & 140

A landscaping masterclass from Graduate Gardeners combines expertly crafted drystone walls, paving, wildflowers and a sloping Nida gravel grid driveway. BALI Award winning Design & Build 2021.

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Information

Application

Gravel Driveway

Product ID

Nida gravel 130 & 140

Area

Approx 180 SQM

Gravel

10mm Golden Gravel

Contractor

Graduate Gardeners Ltd

Garden Designer

Mark Draper

Location

Gloucestershire

Project Overview

Graduate Gardeners were called in to work their magic on Sheepscombe House, a Grade 2 listed Georgian Manor House in Gloucestershire, set in a stunning location surrounded by a rolling landscape and valley views. The garden design had to address the original drive layout and the area to the side of the house, did not do justice to the property, the severe slope that fell across the side of the house gave little 'foundation' to the appearance of the house, providing an impractical turning circle and parking.

The brief therefore was to provide a new repositioned drive, a new parking area so that cars were not sitting right outside the house, a new position for a garage/stable and a garden area that sat directly outside the house.





Installation Details



Given the topography of the site, careful planning in the design process was needed in order to fulfil the brief. Planning permission and listed building consent was needed, the choice of materials was therefore paramount to the success of the project. The other key factor of the design was making sure the layout linked with the existing areas of the garden and the landscape beyond. Award winning garden designer, Mark Draper, selected Nidagravel grids for the project to ensure stability of the sloping gravel driveway. Using a combination of Nidagravel 130 grids for the flatter areas and Nidagravel 140 grids for the steepest part of the driveway with a short section of tarmac by the automated gates at the top of the driveway where there would be a stop/start point for vehicles at the steepest point.

With a large amount of soil shifting, the design cleverly incorporates re-contouring of the lower lawn and wildflower areas, meaning that all spoil generated could be kept on site.



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📷 Stone Walls & Paving



📷 Driveway Entrance



📷 Nidagravel Grids





The finished results



At the BALI National Landscape Awards 2021, the garden was an Award Winner for best Domestic Garden Design & Construction £100k to £250k. This is testament to the experience and expertise of the Graduate Gardeners team in the design and implementation of the most beautiful gardens along with the skill and quality that goes into their construction.

“Graduate Gardeners have combined a bold and intuitive design with construction perfection. A well-oiled machine, the designer and build team have worked seamlessly together and in partnership with the client, to create a setting for this beautiful home that embraces and optimises the surrounding landscape and views.”

Quote by chair of the BALI judging panel, Jon Melmoe
Garden Designer, Mark Draper, Graduate Gardeners Ltd
www.graduategardeners.co.uk





Nidagravel 130 - Gravel Stabilisation Grids



Category	Gravel stabilisation
Application	Driveways, paths, patios and car parks
Traffic	Pedestrian, bikes, cars, vans, 4x4's, trucks
Material	Polypropylene
Structure	Honeycomb
Dimensions	2m long x 1.2m wide
Coverage	2.4 SQM per sheet
Grid Thickness	30mm (membrane bonded to the underside)
Colour	White
Cell Size	50mm (Hexagonal)
Max Gradient	Use on slopes up to 15%
Sheet weight	Unfilled 1.4 kg per SQM / 3.36 kg per sheet
Strength	Compressive strength 300 tonnes per SQM
Gravel Fill	Approx 70 kg per SQM / 168 kg per sheet
Gravel Size	4 - 12mm (max size approx 10mm)
Gravel Type	Any angular decorative gravel or chipping



Why choose Nidagravel grids?



Nidagravel grids have been manufactured to the highest standards by Nidaplast Honeycombs for over 35 years having originally developed the cellular gravel retention system. Nidagravel offers the best solution for a stable, 100% permeable, SuDS compliant, high-performance and low-maintenance gravel surface for paths, driveways and car parks. We are dedicated to providing the best possible solutions, technical support and first-class service to our customers all over the UK.

Visit our website for further information on our gravel stabilisation range and to order online with speedy delivery of your order in 48 hours.

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stabilised gravel driveways, paths & surfaces

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