

Ysgol GG Tregeles - New School Block

Outline Specification / Materials Palette

April 2026

Austin • Smith : Lord

Contents

1. Introduction

- 1.1 Design Rationale

2. Hard Landscape

- 2.1 Proposed hard landscape layout
- 2.2 Products palette
- 2.3 Precedents

3. Soft Landscape

- 3.1 Proposed soft landscape layout
- 3.2 Indicative planting palette

4. External Furniture

- 4.1 Products palette

Job no.	325035
Document no.	YGGT-ASL-XX-XX-T-L-00104
Suitability code	S2 - For Information
Revision no.	P01
Issue date	20.04.2026
Author / Check	GC/SV
Revision notes	P01 - Issued for Information (20.04.2026).

1.0 Introduction

1.1 Design Rationale

The landscape proposals for Ysgol Gynradd Gymraeg Tregelles have been developed to support the redevelopment of the school site while responding sensitively to its existing context and constraints.

The design approach prioritises the retention of the existing spatial structure of the site, maintaining the majority of the open grassed field and established boundary features, while accommodating the new teaching block within the northern part of the site. This ensures that the primary outdoor spaces remain functional, legible and appropriate for school use.

The landscape strategy seeks to balance practical requirements for circulation, access and safety with opportunities to enhance environmental performance and biodiversity.

The proposals include features such as rain gardens, wildflower seeding and additional tree planting to increase habitat diversity and provide seasonal interest, while maintaining robust and manageable spaces suitable for daily school activities.

Materials and planting have been selected to be durable, low maintenance and appropriate to the school setting, while also contributing to a more varied and ecologically functional landscape.



not to scale

2.0 Hard Landscape

2.1 Proposed Hard Landscape Layout

The hard landscape proposals are designed to support the functional requirements of the school while maintaining a simple and robust external environment.

New areas of pedestrian asphalt are introduced around the proposed building to provide durable, low-maintenance circulation routes that integrate seamlessly with the existing hardstanding retained across the site.

Vehicular tarmac is proposed within the reconfigured car parking area, ensuring a clear and practical layout for access, parking and servicing.

A more considered material treatment is introduced along the primary pedestrian route between the existing and proposed buildings. This is defined through the use of feature paving, creating a clear and legible connection between key entrances and enhancing the sense of arrival from the main access point to the west.



not to scale

2.2 Products Palette

01 / Feature Paving

Manufacturer: **Marshall's PLC** or accepted equivalent

Product: **Modal X paving**

Material: **Concrete**

Bond: **Staggered**

Finish: **Textured**

Dimensions: **600 x 300 x 80mm (60%)**

300 x 300 x 80mm (40%)

Colours: **Light Granite – Textured (50%)**

Mid-Grey Granite – Textured (35%)

Charcoal Granite – Textured (15%)

02 / Block Paving Edging

Manufacturer: **Marshall's PLC** or accepted equivalent

Product: **Conservation X Textured Riven Block**

Material: **Concrete**

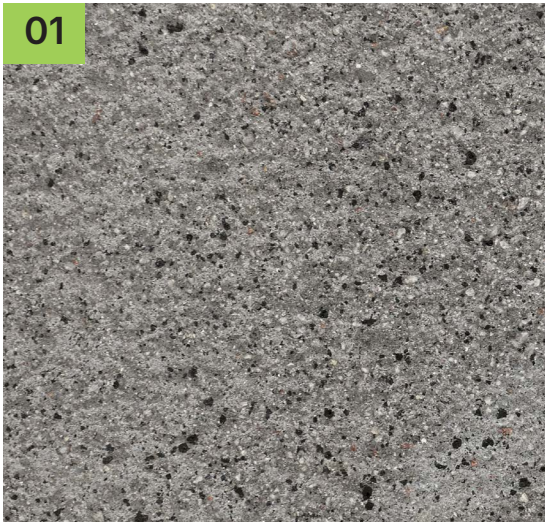
Bond: **Single Stretcher**

Dimensions: **160 x 160 x 60mm**

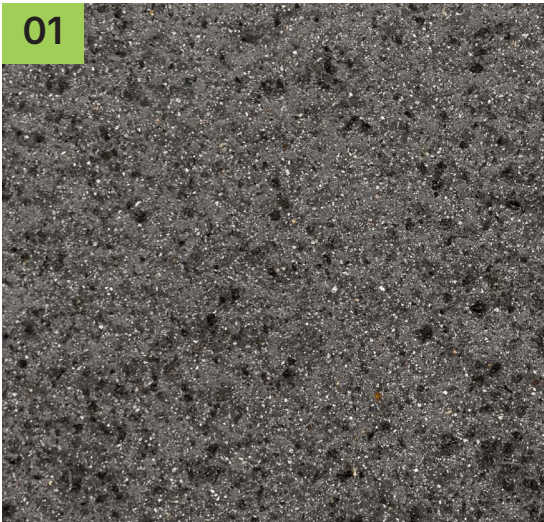
Colour: **Charcoal**



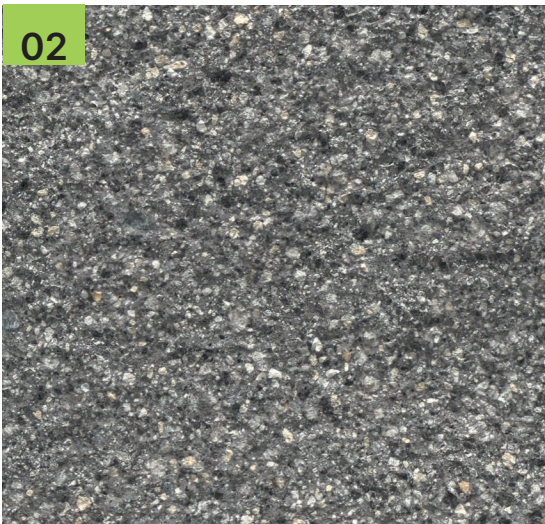
600/300 x 300 x 80mm
Light Granite – Textured (50%)



600/300 x 300 x 80mm
Mid-Grey Granite – Textured (35%)



600/300 x 300 x 80mm
Charcoal Granite – Textured (15%)



160 x 160 x 60mm
Charcoal

2.3 Precedents



3.0 Soft Landscape

3.1 Proposed Soft Landscape Layout

The soft landscape proposals focus on enhancing biodiversity while retaining the existing character and usability of the site. The majority of the existing grassed field is retained as amenity space, ensuring continuity of use for informal recreation and outdoor activities.

The proposals are focused around the new development, where there are opportunities to introduce additional planting and enhance the landscape within areas previously under-developed in terms of their contribution to biodiversity.

New planting includes areas of species-rich wildflower grassland and rain gardens, both of which utilise native and pollinator-friendly species where practicable. These features introduce greater habitat diversity and seasonal variation, while supporting sustainable drainage and improving ecological function.

Additional tree planting is incorporated to reinforce site structure and provide long-term canopy benefits.

The proposed green roof provides an additional layer of planting integrated within the building fabric, contributing to visual softening of the development and offering environmental benefits such as attenuation of rainfall, improved thermal performance and increased surface greening within the site.



not to scale

3.2 Indicative Planting Palette

Shrub Planting

- Artemisia 'Powis Castle'
- Brunnera macrophylla 'Jack Frost'
- Cotoneaster conspicuus 'Decorus'
- Deschampsia caespitosa 'Goldtau'
- Hebe 'Red Edge'
- Hebe pinguifolia 'Pagei'
- Hebe rakaiensis
- Hypericum moserianum
- Lavandula angustifolia 'Hidcote'
- Pachysandra terminalis
- Santolina chamaecyparissus
- Viburnum davidii

Herbaceous & Perennials

- Ajuga reptans 'Atropurpurea'
- Alchemilla mollis
- Bergenia cordifolia 'Silberlicht'
- Echinacea purpurea 'Green Edge'
- Geranium oxonianum 'Wargrave Pink'
- Heuchera 'Key Lime Pie'
- Lavandula angustifolia 'Hidcote'
- Origanum vulgare
- Pachysandra terminalis
- Stachys byzantina 'Silver Carpet'
- Thymus vulgaris
- Vinca minor

Ornamental Grasses & Ferns

- Blechnum spicant
- Carex testacea 'Prairie fire'
- Calamagrostis 'Karl Foerster'
- Deschampsia cespitosa
- Festuca glauca
- Hakonechloa macra
- Ophiopogon planiscapus
- Polystichum setiferum 'Divisilobum'
- Sesleria autumnalis`

Trees

- Acer campestre 'Streetwise'
- Betula pendula fastigiata 'Obelisk'
- Carpinus betulus 'Fastigiata'
- Tilia cordata 'Green Spire'

SuDS shrub planting:

- Angelica sylvestris
- Caltha palustris
- Deschampsia cespitosa 'Goldtau'
- Dryopteris filix-mas
- Eupatorium cannabinum
- Filipendula ulmaria
- Fritillaria meleagris
- Iris pseudacorus
- Lychnis flos-cuculi
- Lythrum salicaria
- Malva moschata
- Mentha aquatica
- Molinia caerulea
- Osmunda regalis
- Polystichum setiferum
- Pulicaria dysenterica
- Veronicastrum 'Fascination'

Green Roof

- BauderGREEN Flora 3 Seed Mix or similar



4.0 External Furniture

4.1 Products Palette

01 / Seating to external areas
Manufacturer: **Broxap** or accepted equivalent
Product: **Litchard Benches** (ref BX17 4071/B)
Dimensions: **TBC**
Slats material: **Hardwood Iroko**
Frame material: **Hot dip galvanised - powder coated (RAL TBC)**

02 / Bollards
Manufacturer: **Broxap** or accepted equivalent
Product: **Heavy Duty EV & Security Bollard**
Height (above ground): **950 mm**
Fixing: **Root fixed**
Banding: **Yellow reflective band (TBC)**

03 / Cycle shelter
Manufacturer: **Broxap** or accepted equivalent
Product: **Apollo Cycle Shelter** (ref BXMW/AP)
Dimensions: **4100 mm (L)**
Fixing: **Root fixed**

04 / Cycle racks
Manufacturer: **Broxap** or accepted equivalent
Product: **Harrogate Cycle Stand** (ref BXMW/GH0)
Fixing: **Root fixed**
Finish: **Hot dip galvanised - powder coated (RAL TBC)**



Austin-Smith:Lord

Enhancing Life & Environments By Design

Bristol
40 Berkeley Square
Bristol BS8 1HP

+44 (0)117 239 0500
bristol@austinsmithlord.com

Glasgow
25 Bothwell Street
Glasgow G2 6NL

+44 (0)141 223 8500
glasgow@austinsmithlord.com

Cardiff
18 Park Place
Cardiff CF10 3DQ

+44 (0)2920 225 208
cardiff@austinsmithlord.com

Liverpool
Port of Liverpool Building
Pier Head L3 1BY

+44 (0)151 227 1083
liverpool@austinsmithlord.com

austinsmithlord.com

Austin-Smith:Lord Ltd is a Limited Company
registered in England & Wales with registered
number 11773049