

1.0 Introduction

1.1 Planning Reference: 135026/FO/2022

1.2 Site Location/Existing Site

Located adjacent to Bridgeford Street, currently the site is used as a forecourt and approach to the Existing Martin Harris Music Building, including 3 car parking spaces and 2 disabled spaces. The surface is predominantly tarmac with two semi mature existing trees offering very little in landscape amenity.

Heavy goods vehicles are required to regularly drop off large instruments into the existing building entrances. It is crucial that enough space is maintained to allow vehicles to reverse into and out of the space without any restrictions.

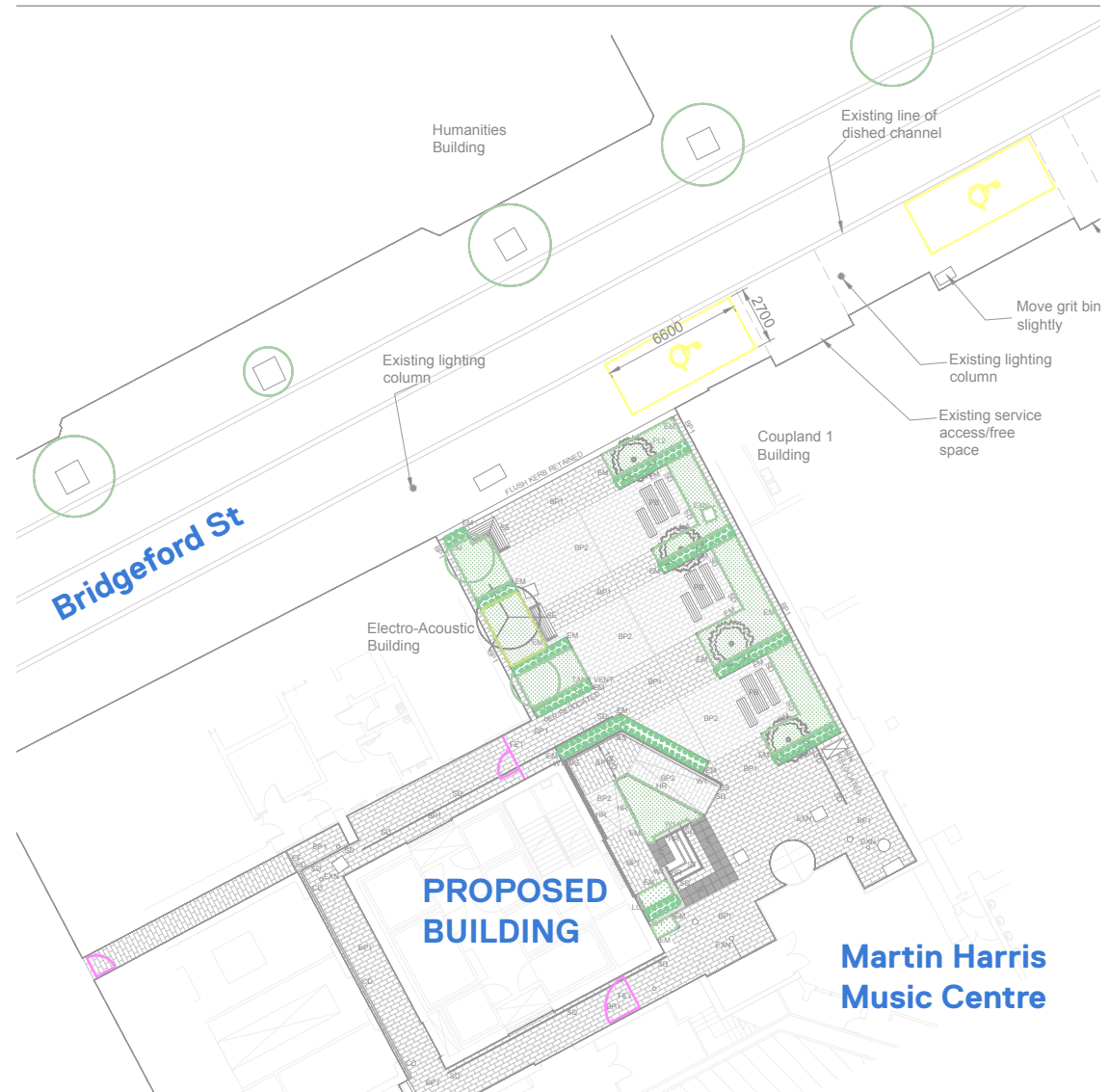
Bridgeford St is a shared pedestrian and vehicle route consisting of granite paving and flags. It will be protected from damage from construction activities, and any areas of damage will be repaired as necessary.

1.3 Proposed Building

A new music practice building, including ramped access to the building entrance, an integral parapet allowing for roof access. External gantry stairs will provide access from the existing MHMC roof to the music practice building roof.

1.4 Proposed external design

The design approach will seek to bring the space to life with the creation of a new plaza style landscape with greater opportunity for studying and relaxation. The proposed tree and shrub planting will form a welcoming approach to the new and existing buildings.



2.0 Material Useage/Waste and Environmental Impact

Any new materials such as sand, base stone, cement and other loose materials will be stored in designated areas within the contractors compound and covered/kept wet to minimise dust.

2.1 Demolition

All existing tarmac will be excavated and disposed of, but any sub-base stone in suitable condition can be re-used as base material for new surface construction.

2.2 Waste Management Strategy

All cleared material will be taken to the contractors preferred tip or re-cycled/re-used on other local projects wherever possible.

3.0 Sourcing of external materials

3.1 All materials are selected to have a low environmental impact as possible through their life cycle.

3.2 Sub-base materials: To minimise vehicle activity (from excavations and fill operations) any base materials below existing surfaces will be re-used where possible, such as any Type 1 stone laid as a base to the existing tarmac.

3.3 Soft Landscape: All topsoil and compost for planting will be imported. This is specified to comply with all relevant British standards for amenity topsoil suitable for landscape.

Mulch materials are specified as compost mulch to PAS 100.

All planting material is specified to be UK provenance, and grown in the UK for at least 1 growing season. Planting will, if possible, be deferred to the main planting season (November to March) reducing the need to water newly establishing plants until the following Spring.

3.4 Paving surface materials

All paving materials are selected for their durability and high environmental performance.

They are also selected because they are similar materials to those used across other schemes on campus meaning easy 'off the shelf' replacement of materials if they are damaged.

Hardscape is the preferred supplier for paving materials, and the product data information is attached.

3.3 External furniture

All furniture supplied will include PEFC compliant timber.

4.0 A strategy for quality control management and maintenance.

4.1 The landscape scheme will be established for a minimum of 12 months following completion and then be transferred to the UoM estates Grounds Maintenance Team for ongoing care.

4.2 Areas of hard landscape will be transferred to UoM estates Grounds Maintenance for ongoing care at practical completion.

4.3 The design team will inspect the works on site during construction to minimise any snag items at completion. There is already an established relationship between the University Estates Team, its main contractor for this scheme and the Landscape Architect, so communications are managed effectively ensuring a high standard of completed work.

9.0 Supporting information

Drawings

0626-PLI-00-ZZ-DR-L-0130	GENERAL ARRANGEMENT-HARD AND SOFT LANDSCAPE
0626-PLI-00-ZZ-DR-L-0230	Typical Details
0626-PLI-00-ZZ-DR-L-0300	Planting Plan
0626-PLI-00-ZZ-SP-L-0210	Landscape Specification - External Works
0626-PLI-00-ZZ-SH-L-0300	Planting Schedule

10 Material Samples

See next pages

SURFACES-Paving Units

Site Plan Extract



SURFACES-Paving Units

BP1 Specification:

Product: Kellen Breccia
Size: 300x100x80mm
Colour: Grigio
Construction Detail:
The paving will be constructed in accordance with Interpave technical guidance and BS 7533-101

The construction will be flexible, paving laid over a compacted stone sub base utilising base material available from site wherever possible.

The paving will be bedded on a 30mm sharp sand layer and jointed with narrow sand filled joints approximately 2-5mm size.

The bond will be a simple running bond

Product Data

BRECCIA GRIGIO

Manufactured product

100% NATURAL STONE COATING

Breccia is an exclusive, architecturally refined concrete paver featuring a top layer of carefully selected stone aggregates.

This top layer is produced in four grain sizes of aggregate, making it extremely durable and less prone to general fading. Its natural, water-etched appearance means Breccia is particularly suited to prestigious projects.

Key Features

- Carbon Footprint from 19.2kg CO₂ per m² *
- 100% natural stone surface
- Four grain sizes of aggregate to create a 'seamless' surface
- Etched with high water pressure

Bespoke colours are available. Please contact our design team to discuss.

Carbon Footprint (kg CO₂ per m²)*

Thickness (mm)	62	70	80	100	120	148
Standard	19.2	21.7	24.8	31.0	37.2	45.9

Swatch 1:1 scale



In use



SURFACES-Paving Units

BP2 Specification:

Swatch 1:1 scale

Product:
Kellen Liscio Size:
60x240x80mm
Colour: Tagenta E (Light Grey)



Kellen Breccia Size:
100x200x80mm
Colour: Tagenta E



LISCIO TAGENTA E

Manufactured product

100% NATURAL STONE COATING

With a premium ground finish, Liscio concrete pavers offer performance, style and architectural refinement.

A slip-resistant, flat surface makes Liscio ideal for use in any commercial area. Its unique appearance is very impressive when specified in extra large sizes and, when combined with other finishes like Breccia, Lavarò or Sferio, it is particularly effective in highlighting design features.

Key Features

- Carbon Footprint from 20.6kg CO₂ per m² *
- 100% natural stone surface
- Four aggregate grain sizes
- Ground finish

Bespoke colours are available. Please contact our design team to discuss.

Carbon Footprint (kg CO₂ per m²)*

Thickness (mm)	62	70	80	100	120	148
Standard	20.6	23.3	26.6	33.3	40	49.3

BRECCIA TAGENTA E

Manufactured product

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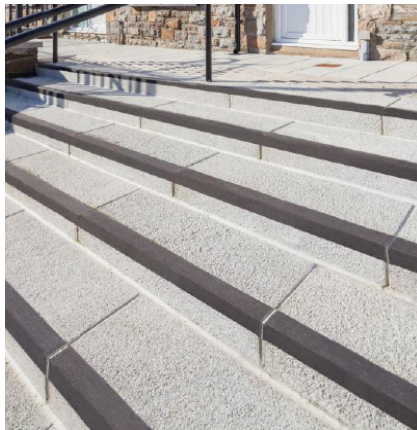
In use-Henry Royce Institute



SURFACES-Paving Units

Pattern Detail





ST1 Steps

Specification:

Granite Step Unit, with contrasting nosing

Size: 400x150x600mm

Colour: Granite Aggregate White

Refer to drwg 0230 for full detail

