PAVING - All structures, footings and paving build-ups to Engineers details

PT01 — PAVING TYPE 01
Concrete block paving laid in stretcher bond for vehicle over run. Refer to Landscape Specification Q25/315C

PT02 — PAVING TYPE 02
Resin bound gavel with natural aggregate for pedestrian, cycle and occasional maintenance vehicle use. Refer to Engineer's specification. For colour refer to Landscape Specification Q23/225

PT03 — PAVING TYPE 03
Asphalt surfacing with colourchip resin coated chippings for Vehicular use. Refer to Civil Engineers specification and Q22/140.

PT04 — PAVING TYPE 04
High quality FSC rated hardwork timber deck boards for pedestrian use only. Deck boards to include anti-slip carborundum strips.
Refer to Landscape Specification Q50/380

PT05 — PAVING TYPE 05
High quality timber sleepers for pedestrian use only. Refer to Landscape Specification Q50/373

PT06 — PAVING TYPE 06
Consolidated self binding gravel for pedestrian use only. Refer to Landscape Specification Q23/160

PT07 — PAVING TYPE 07
High quality permeable concrete block paving laid in stretcher bond for vehicle overrun. Refer to Landscape Specification Q25/315.

PT08 — PAVING TYPE 08
High quality concrete block paving laid in herringbone on the service yard for vehicle overrun. Refer to Landscape Specification Q25/315A.

PT10 — PAVING TYPE 10
Pre-cast concrete tactile blister paving laid stacked bond to pedestrian crossing points. Refer to Landscape Specification Q25/320

PT11 — PAVING TYPE 11
Pre-cast concrete tactile corduroy paving laid stacked bond to top and bottom of steps / ramps to match adjacent proposed paving. Refer to Landscape Specification Q25/320A

PT12 — PAVING TYPE 12
Resin bound gravel for pedestrian use only. Refer to Landscape Specification Q23/225A.
Note: To include proprietary metalwork edge, Refer to Landscape Specification Q10/200

PT13 — PAVING TYPE 13
Amenity bark mulch to maintenance path. Refer to Landscape Specification Q23/230.
Note: To include timber edge restraint and weed suppressant geotextile membrane

PT14 — PAVING TYPE 14
Stainless steel hazard warning strips fixed to timber deck and paving to top and bottom of steps. Refer to Landscape Specification Q25/520A

AW — AERATION WELL
Proprietary tree root aeration well with liftable stainless steel grating set flush neatly within paving finishes. Refer to Landscape Specification Q31/515

PT15 — PAVING TYPE 15
Pre-cast concrete slab to maintenance path to the west of building. Refer to Landscape Specification Q25/315B

PT17 — PAVING TYPE 17
Concrete surfacing to Engineer's detail and specification.
Note: Concrete extent to be confirmed by Engineer.

General Note: The orientation of all paving to be agreed upon on-site.Control joints in base course to be coordinated with paving joints and agreed prior to installation

KERBS - All structures, footings and haunching to Engineers details

KT01 — KERB TYPE 01
Pre-cast concrete flush kerb, 255mm wide.
Refer to Landscape Specification Q10/115

KT02 — KERB TYPE 02
Pre-cast concrete kerb 125mm exposed upstand. Includes radius units. Gaps between kerbs to allow water to flow when laid next to the rain gardens. Refer to Landscape Specification Q10/115A

KT03 — KERB TYPE 03
Pre-cast concrete flush kerb, 145mm wide.
Refer to Landscape Specification Q10/115B

KT04 — KERB TYPE 04
Pre-cast concrete kerb 100mm exposed upstand.
Refer to Landscape Specification Q10/115E

KT05 — KERB TYPE 05
Pre-cast concrete kerb 60mm exposed upstand.
Refer to Landscape Specification Q10/115F

KT06 — KERB TYPE 06
Pre-cast concrete pin kerb. Refer to Landscape Specification Q10/115C

KT07 — KERB TYPE 07
Pre-cast concrete double drop kerb.
Refer to Landscape Specification Q10/115D
Note: To be used with KT01 as a transition to flush kerbs.

KT08 — KERB TYPE 08
Pre-cast concrete double drop kerb. Refer to Landscape Specification Q10/115G
Note: To be used with KT01 - KT05 and KT04 - KT05 as a transition to kerbs. Transition from 60mm to 100 and 125mm.

WALLS - All structures, footings and haunching to Engineers details

WT01 — WALL TYPE 01
Gabion wall to Engineer's detail and specification. For gabion facing requirements refer to Landscape specification D41/210

WT02 — WALL TYPE 02
Gabion wall to nitrogen tank specialist's detail and specification. For gabion facing requirements refer to Landscape specification D41/210

WT03 — WALL TYPE 03
In-situ or pre-cast concrete wall to Engineer's detail. For finsih refer to Landscape Specification E10 and E41/110.
For design intent refer to DWG no. RD001-FCB-XX-XX-DR-L-3302.
Note: Pencil round edges to concrete wall. Do not chamfer the top

WT04 — WALL TYPE 04
In-situ concrete wall for lower deck ramp access to Engineer's detail and Specification. For finish refer to Landscape Specification E10 and E41/110A.
Note: Pencil round edges to concrete wall. Do not chamfer the top

STEPS - All structures and footings to Engineers details

SP01 — STEP TYPE 01
Steps to Architect's detail and specification.

SP02 — STEP TYPE 02
In-situ concrete step in exposed aggregate finish with proprietary colour contrast nosing and facing inserts. Refer to Landscape Specification E10 & E41/110B

STREET FURNITURE - All structures, footings and haunching to Engineers details

ST01 — SEAT TYPE 01
Proprietary FSC certified timber bench. Refer to Landscape Specification Q50/220B.
Note: Group 3 client item, supply and installation by the client as advised by MACE. Location number and specification are indicative only.

ST02 — SEAT TYPE 02
Proprietary FSC certified timber bench with arm and back rest. Refer to Landscape Specification Q50/220C

ST03 — PICNIC SET
Proprietary FSC certified timber picnic set. Refer to Landscape Specification Q50/ 220D.
Note: Group 3 client item, supply and installation by the client as advised by MACE. Location number and specification are indicative only.

CS01 — CYCLE STAND
Proprietary metalwork cycle stand.
Refer to Landscape Specification Q50/ 210

CS02 — CYCLE STAND TYPE 02
Proprietary metalwork two tier cycle stand.
Refer to Landscape Specification Q50/210D

CS03 — CYCLE STAND TYPE 03
Cycle stands for disabled.
Refer to Landscape Specification Q50/ 210F

PG — PERGOLA
Hardwood timber pergola. Refer to Landscape Specification Q50/390.
Note: Support structure to engineer's details and specification.

CST — CYCLE SHELTER
Two tier cycle shelter. Refer to Landscape Specification Q50/210E.
Note: Support structure to engineer's details and specification.

DR01 — FEATURE ROCKS
Decorative natural stone rocks integrated in the landscape. Refer to Landscape Specification Q50/ 210B.

EVC — EV CHARGING
Vehicular EV charging point. Refer to Engineer's specification. Location and number shown indicatively on Landscape Architect's drawings

P06-1

DG01 — DG01
High quality DDA compliant door guard.
Refer to Landscape Specification Q41/135

DG01-A — DG01-A
High quality stand-alone post for the entrance bypass.
Refer to Landscape Specification Q41/135-A

DG02 — DG02
DDA compliant door guard.
Refer to Landscape Specification Q41/136

CR — CAR STOPPER
Car stopper. Refer to Landscape Specification Q50/210A.

P06-1

CDS — CAR PARK DEMARCATION STUDS
Car park demarcation studs. Refer to Landscape Specification Q25/322

ST04 — SEAT TYPE 04
In-situ concrete stucture with FSC rated hardwood timber cladding. Refer to Landscape Specification Q50/225. To be read in conjunction with Engineer's specification for gabion wall/ seat.
NOTE: Contractor to allow for powder coated metalwork armrest with timber top.

ST06 — SEAT TYPE 06
FSC rated hardwood timber barrier to top of deck. Refer to Landscape Specification Q50/220A

CB — COMPOST BIN
Compost bin. Refer to Landscape Specification Q50/370
Note: Group 3 client item, supply and installation by the client as advised by MACE. Location and specification are indicative only.

ST05 — SEAT TYPE 05
Natural stone boulder suitable for informal seat from a local quarry.
Refer to Landscape Specification Q50/ 210C

BN — RECYCLE BIN
Recycle bin. Refer to Landscape Specification Q50/ 242

Hostile Vehicle Mitigation (HVM) to LPS-1175 security ratings as specified by the Security Consultant
Note: HVM measures subject to Security consultant's approval

BL01 — BOLLARD TYPE 01
HVM/PAS 68 rated fixed bollard.
Refer to Landscape Specification Q50/190F
Note: PAS68 specification, stopping a 7.5t vehicle travelling at 80km/h

BL02 — BOLLARD TYPE 02
HVM/PAS 68 rated fixed bollard
Refer to Landscape Specification Q50/190C
Note: PAS68 specification, stopping a 7.5t vehicle travelling at 50km/h

BL03 — BOLLARD TYPE 03
HVM/PAS 68 rated removable bollard. Refer to Landscape Specification Q50/190G

BL04 — BOLLARD TYPE 04
Fixed bollard. Refer to Landscape Specification Q50/ 190A

BL05 — BOLLARD TYPE 05
Removable bollard. Refer to Landscape Specification Q50/190D

MG — MANUAL GATE
HVM/PAS 68 manual gate.
Refer to Landscape Specification Q50/ 190E

HANDRAILS, BALUSTRADES & FENCING
All structures, fixing and footings to Engineers details

BA01 — METALWORK BALUSTRADE TYPE 01
Powder coated (RAL 9005) galvanised steel flat bar frame with stainless steel tensioned wire rope infill. 1.1m high with timber horizontal top rail. Baseplate fixed to side of the deck structure. Refer to Landscape Specification Q41/130

BA02 — METALWORK BALUSTRADE TYPE 02
Powder coated (RAL 9005) galvanised steel flat bar frame with stainless steel tensioned wire rope infill. 1.1m high with timber horizontal top rail. Posts root fixed. Refer to Landscape Specification Q41/130A.

A-HR01 — HANDRAIL TYPE 01
Handrail to Architect's detail and specification

HR02 — HANDRAIL TYPE 02
Powder coated (RAL 9005) galvanised steel single handrail and posts to steps with timber horizontal top rail. Refer to Landscape Specification Q41/241

HR03 — HANDRAIL TYPE 03
Powder coated (RAL 9005) galvanised steel free standing single handrail and posts to steps. Refer to Landscape Specification Q41/241B

HR04 — HANDRAIL TYPE 04
Powder coated (RAL 9005) galvanised steel single handrail attached to balustrade BA02.
Refer to Landscape Specification Q41/241C

PB — PEDESTRIAN BARRIER
Galvanized steel pedestrian barrier. Refer to Landscape Specification Q41/242

VB — VEHICLE BARRIER
Nitrogen tank barrier. Refer to Engineer's detail.
NOTE: Extents shown indicatively. The barrier and posts must take account of appropriate vehicle impact loadings.

FE01 — FENCE TYPE 01
Security fencing system along primary security line. 3m high 358 prison mesh mounted on steel posts. Mesh and posts to be in powder coated finish (RAL TBC in Stage 5). Refer to Landscape Specification Q40/126

FE02 — FENCE TYPE 02
1m high timber post and rail fence. Refer to Landscape Specification Q40/210

FE03 — FENCE TYPE 03
1m high timber post and 3 wire fencing lines. Refer to Landscape Specification Q40/210A

G01 — GATE TYPE 01
High security vehicular double leaf swing gate. 3m high gate mounted on security fence FE01. Gate to be in powder coated (RAL to match façade panels) finish. Refer to Landscape Specification Q40/560

G03 — GATE TYPE 03
Single leaf timber swing gate mounted on FE02. Refer to Landscape Specification Q40/550

G04 — GATE TYPE 04
High security vehicular sliding gate to service yard. 3m high steel gate mounted on security fence FE01. Gate to be in powder coated (RAL to match façade panels) finish. Refer to Landscape Specification Q40/560B

WATER MANAGEMENT -
All structures, fixing and footings to Engineers details

WP — WATER POINT
External bib tap location for maintenance & manual irrigation of soft landscape shown indicatively on Landscape Architect's layouts subject to final coordination with MEP proposal.

IN — POND INLET
Pond and swale inlet. Refer to Engineer's detail and specification
Refer to DWG no. RD001-FCB-XX-XX-DR-L-3301 and 3302 .

OUT — POND OUTLET
Pond and swale outlet. Refer to Engineer's detail and specification
Refer to DWG no. RD001-FCB-XX-XX-DR-L-3301 and 3302 .

EXTERNAL LIGHTING (BY OTHERS)

All lighting items are shown indicatively only on Landscape Architect's drawings. Please refer to Engineer's details, layouts and specification for lighting proposal.

EX.B01 — External pole mounted luminaire, type 1

EX.B02 — External pole mounted luminaire, type 2

EX.C01 — External lighting bollard

EX.C02 — External lighting bollard

F1 — Surface mounted linear luminaire

Planning Boundary

Lease Boundary

Scope of Works Boundary

LEVELS AND DRAINAGE

1:60 — Slope gradient

XX.XX — Proposed finished level

(XX.XX) — Existing level

ToS — Top of step

BoS — Bottom of step

ToK — Top of kerb

BoK — Bottom of kerb

ToW — Top of wall

BoW — Bottom of wall

HWL — High water level

PWL — Permanent water level

EWL — Exceedance water level

BP — Bottom of pond

FFL — Finished floor level (Building by others)

RL — Highway level (By others)

Proposed slot drain subject to stormwater drainage requirements and to be confirmed by the Engineers

GU — Proposed gully subject to stormwater drainage requirements and to be confirmed by the Engineers

Refer to PT07 for finishes. To be read in conjunction with Civil Engineer's drainage proposals.

RM — ROAD MARKINGS
Indicative road markings between pedestrian paths and road.
All paving makeups and external signage to Engineers details and specifications.

NOTES:

1. All structures, footings, haunching and paving build-ups to Engineers details
2. Refer to Civil Engineers details for Highways, drainage and paving makeups.
3. Proposed External levels & Drainage information shown to Civil Engineers details and Specification
4. Refer to Structural Engineers details for all structural elements
5. Refer to M+E Engineers details for powered elements in the external works.

GENERAL NOTES:

1. All dimensions and levels to be checked and verified on site before commencing any work or producing shop drawings
2. This drawing is to be read in conjunction with all other relevant drawings, specifications and schedules.
3. Any discrepancy concerning the drawings should be referred to the originator / CA immediately
4. All dimensions in millimetres unless noted otherwise
5. All levels in metres
6. Existing service alignments to be checked on site by the contractor on site by the contractor prior to construction work commencing
7. The content of this drawing is to be read in conjunction with the latest project CDM risk register

NOTES:

1. The proposed access road is not part of the Natural History Museum works. Refer to the University of Reading planning application for details.
2. For building plans and associated details, refer to the Architect's information.
3. All external gates, railings, and boundary treatments around the Service Yard shall be in accordance with the Architect's information, unless noted otherwise.
4. All paving make-ups to be in accordance with the Engineer's information.
5. For highways directional signage, refer to the Engineer's information.
6. Retaining wall structural details are provided in the Engineer's information.
7. Structural performance and requirements of gabions to be in accordance with the Engineer's details and specification. The scope of the gabion system in the Landscape Specification (Clause D41) is limited to visual appearance and performance. The final system must be coordinated with the Engineer for structural requirements. Slot and channel drains must meet the Engineer's specifications - finishes to be agreed with Landscape Architect.
8. Site-wide drainage and primary water services are detailed in the Engineer's information. The contractor must incorporate positive tree pit drainage in line with the site-wide drainage strategy and Engineer's details.
9. External lighting proposals to follow the Engineer's information and comply with planning guidance to minimise light pollution and preserve dark skies. External lighting position as are coordinated with the landscape layout.
10. HVM (Hostile Vehicle Mitigation) measures and security requirements are subject to final detail confirmation by the Security Consultant, who will advise on the placement of sensors, access control systems for gates, fences, and bollards type and location.
11. EV charging points shown indicatively on landscape plans, refer to the Engineer's information.
12. Ecological hibernacula features are shown indicatively on landscape plans. Final details to be provided by Ecologist.
13. Footings design for benches, bins, fence and gate posts, steps, walls, and bollards to be provided by the Engineer.
14. All external signage and road marking by others.
15. External tap watering points are shown on the landscape plan. The source of water and required volume to be in accordance with engineer's requirements.

P06 AMENDMENTS FOR STAGE 4:

1. New item.

S4 For LAP Review & Authorization

To be read in conjunction with the following documents & drawings
- RD001-FCB-XX-XX-DR-L-1001 Annotation Legend - Hardworks
- RD001-FCB-XX-XX-DR-L-1002 Annotation Legend - Softworks
- RD001-FCB-XX-XX-DR-L-1003 Annotation Legend - Section & Details

Rev.	Date	Description	Drawn	Chkd
P06	02.05.2025	STAGE 4	VDM	KF
P05	21.02.2025	STAGE 4	VDM	KF
P04	24.01.2025	STAGE 4	VDM	KF
P03	21.06.2024	TENDER	VDM	KF
P02	03.05.2024	TENDER	VDM	KF
P01	26.04.2024	TENDER	VDM	KF

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CLIENT
FEILDEN CLEGG BRADLEY STUDIOS

PROJECT
Natural History Museum
NHM UNLOCKED
THAMES VALLEY SCIENCE PARK

TITLE
SITE WIDE PUBLIC REALM
ANNOTATION LEGEND
HARDWORKS

Scale:	Date:	Drawn:	Checked:	Approved:
N/A@ A1	02/05/2025	MS	KF	KF

Status: STAGE 4

Drawing Number: RD001-FCB-XX-XX-DR-L-1001

Rev: P06