

**Notes:**

1. The contractor is responsible for verifying all site & setting out dimensions before commencing work.
2. This drawing is to be read in conjunction with all relevant Architects, MEP site services and Landscape Architectural drawings.
3. All dimensions in metres unless stated otherwise.
4. Do not scale from this drawing, work from figured dimensions only.
5. All dimensions, levels and survey grid co-ordinates are to be checked on site and the engineer notified immediately of any discrepancies prior to the commencement of the works.
6. No deviation from the details shown on this drawing is permitted without prior permission from the engineer.
7. All concrete and concrete products below ground level shall be class DS-2 and AC2 sulphate resistant in accordance with BRE Special Digest 1.
8. The substitution of named manufacturers or products is permitted, subject to the written notification and approval of the Engineer.

**Note to External Pavement Build-Ups:**

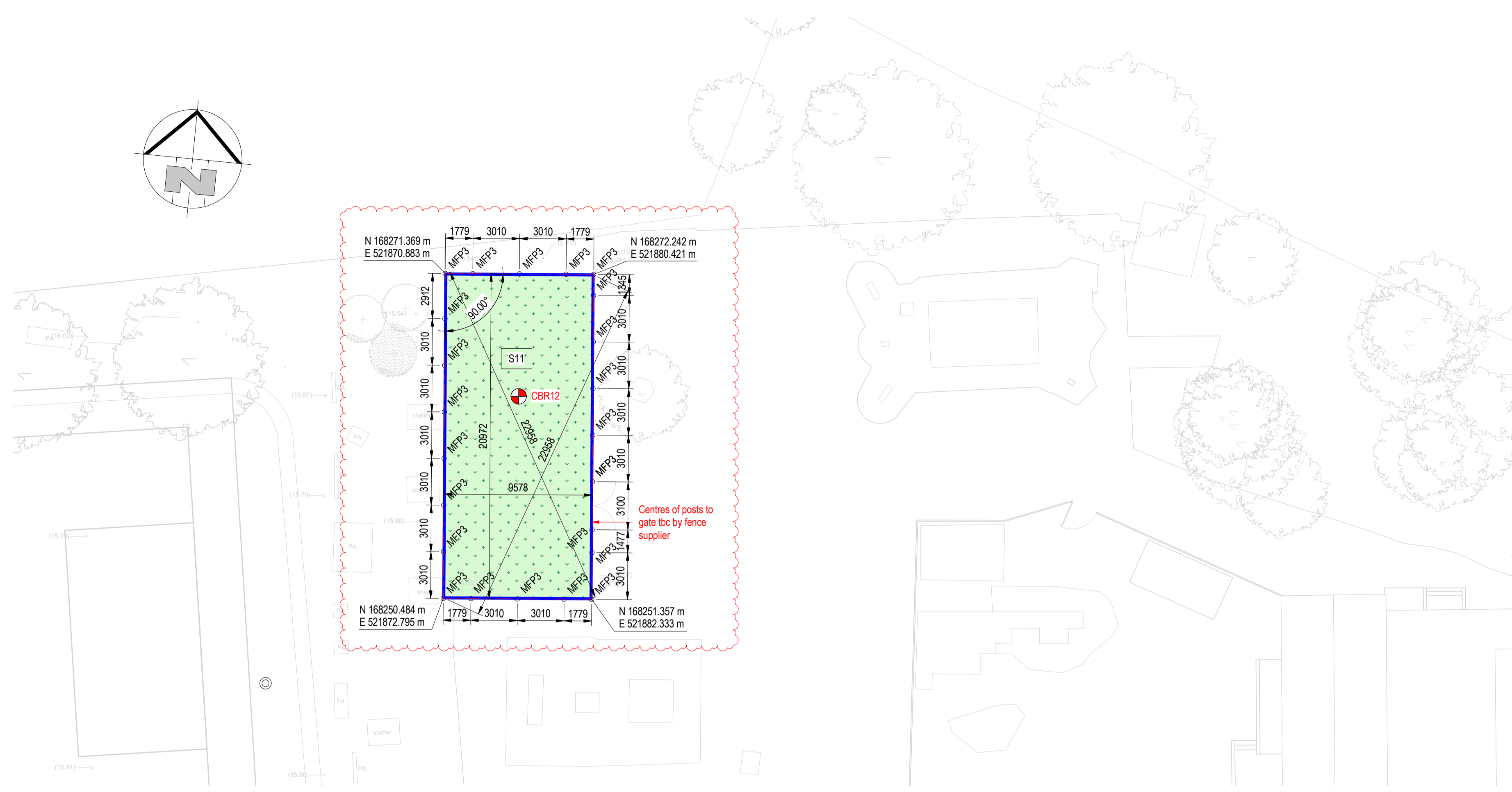
This drawing is to be read in conjunction with the External Pavement Build-Ups Layout Plan and External Pavement Build-Ups & Edging Construction Details drawings below

54CA07-SHK-ZZ-00-DR-C-010200  
54CA07-SHK-ZZ-00-DR-C-010201

**Note to Permeable MUGA Surfaces:**

This drawing is to be read in conjunction with the Below Ground Drainage drawings below

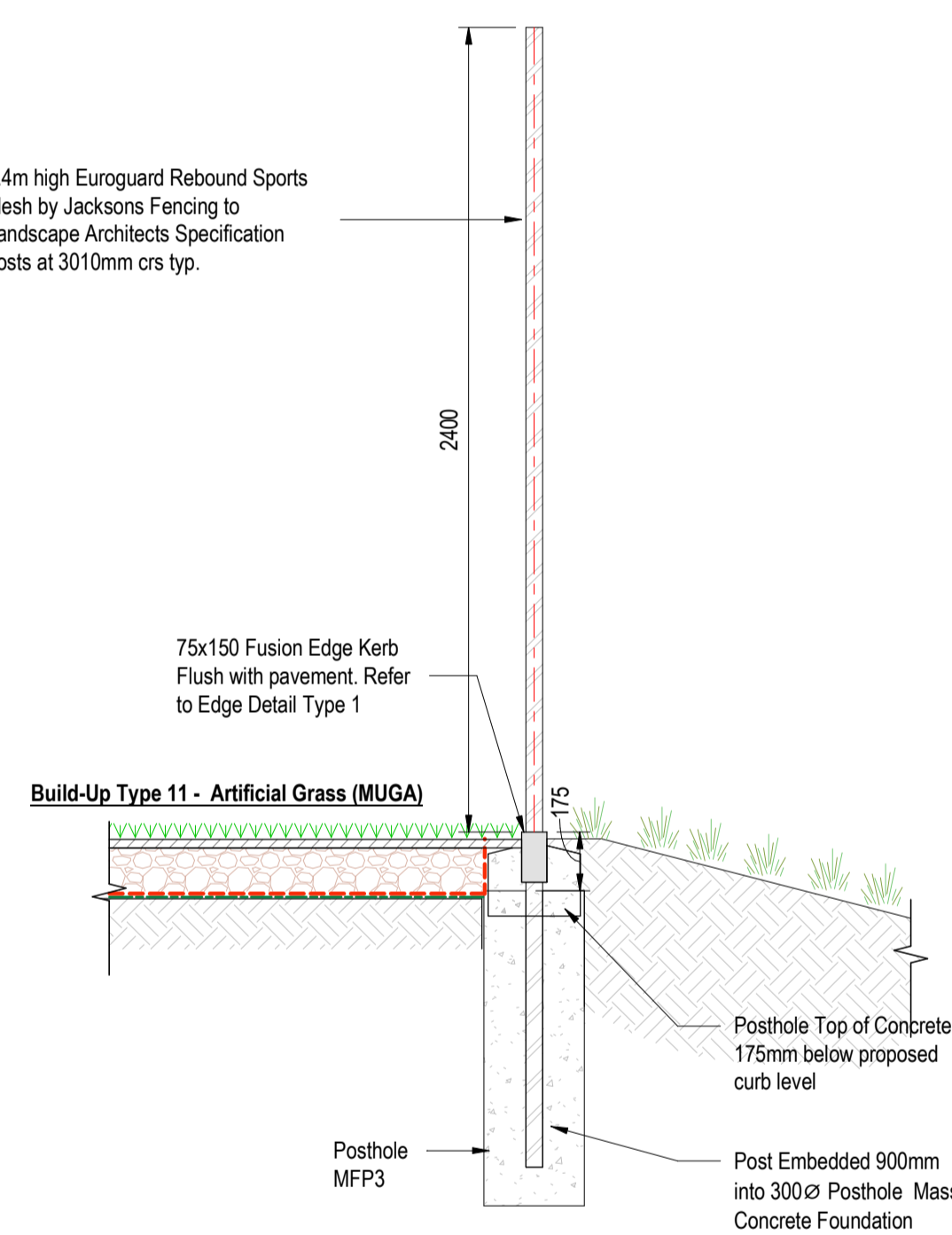
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54CA07-SHK-ZZ-00-DR-C-010105  
54CA07-SHK-ZZ-00-DR-C-010151  
54CA07-SHK-ZZ-00-DR-C-010152  
54CA07-SHK-ZZ-00-DR-C-010153  
54CA07-SHK-ZZ-00-DR-C-010154  
54CA07-SHK-ZZ-00-DR-C-010155



**Infant School MUGA Pavement Plan**

1:200

2.4m high Euroguard Rebound Sports Mesh by Jacksons Fencing to Landscape Architects Specification posts at 3010mm crs typ.



**Infant Muga Fence Post Typical Detail 1 - 1**

1:20

**Infant MUGA CBR Test Location**

Ref.	Eastings (m)	Northings (m)
CBR12	521876.371	168263.937

**Box Note 1:**

Refer to the Landscape Architects Drawings and Specification for further Construction Details and Specification of the Proposed Finishes and Soft Landscaping.

**Box Note 2:**

Refer to Structural Drawings for the Construction Details and Specification of any RC / Precast Concrete Retaining Walls or Stairs.

**Box Note 3:**

The Pavement Types shown in this Drawing and Detailed in Drawing 010201 show the Pavement Constructions at the Final / Occupation Stage of the Development and DO NOT Account for Loadings from Construction Traffic, Mobile Cranes and / or Storage of Materials On Site.

**Box Note 4:**

The Pavement Extent and Edging Types shown on this plan are to be finalised / confirmed by the Landscape Architect.

The Contractor shall undertake CBR Tests (insertion of 50mm Plunger) at the Pavement Formation Level at each of the Locations shown in this Drawing. The CBR Tests shall be carried out, recorded and presented in line with 'Interim Advice Note 73/06 (Rev 01 - 2009)' and BS 1377 Part 9

From the Soils Ltd Main Investigation Report, Reference 18666/MIR\_R27, dated December 2021, CBR Values for Pavements have been indicated as below:

**Section 4.6 Pavements**

The Transport Research Laboratory (TRL), Dynamic Cone Penetrometer (DCP) was undertaken at six locations (DCP01 to DCP06), with additional tests undertaken adjacent to DCP04 due to shallow refusals (DCP04A & B). The results from dynamic cone penetrometer tests indicated CBR values of between 1% and 87% for the soils encountered in the top 1.00m bgl. The high CBR values encountered were anticipated to be large gravel clasts struck during the test. This excludes the values recorded where the probe refused and where it was undertaken within hardstanding (asphalt).

When removing 400mm of Made Ground the worst case CBR value was 4% which may require further preparation work. During the interpretation two areas were highlighted as potentially problematic, in the area around DCP01 and DCP02, the worst case CBR value was recorded as 4%.

Where CBR Tests return variable results, an interpretation from the Geotechnical Engineer will be required to obtain CBR design value to be used for Construction of the Pavements. At this Stage, Shockledge have assumed a CBR value of 2.5% for estimation purposes.

Rev	Date	Stage	Description	Drawn	Checkd	Appr
P03	24.08.2023	Stage 4:	Issued for Review and Comments	DR	BM	CS
P02	01.08.2023	Stage 4:	Issued for Review and Comments	DR	BM	CS
P01	28.04.2023	Stage 4A:	Issued for Review and Comments	DR	BM	CS

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Originator

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Drawing Title  
**Burlington Junior School  
Infant School MUGA Pavement and Construction  
Details**

	Name	Signature	Date
Designed by	DR	DR	24.08.2023
Drawn by	DR	DR	24.08.2023
Checked by	BM	BM	24.08.2023
Approved by	CS	CS	24.08.2023

Scale & Format	Model Filename	Status Code
1:200 @ A1	54CA07-SHK-ZZ-ZZ-M3-S-000003	S3

RIBA Stage	Proposed Status
STAGE 4	STAGE 4

Project	Originator	Area	Level	Type	Role	Number	Revision
54CA07	SHK	INF	00	DR	C	610050	P03