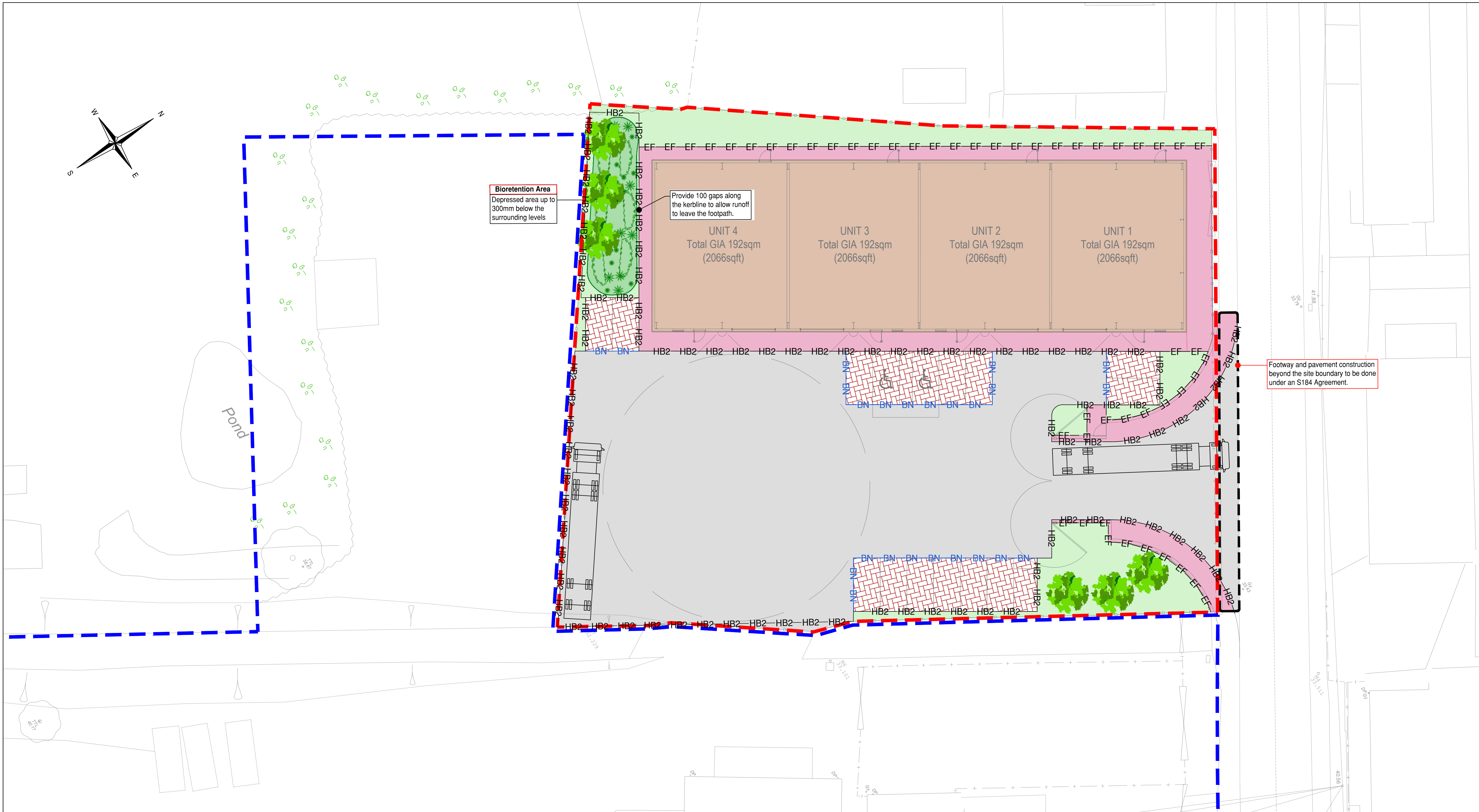




Safety, Health & Environmental Information:

In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below,

- INDICATES A RESIDUAL RISK AS A WARNING
- INDICATES A RESIDUAL RISK FOR INFORMATION

and described below:

Construction/Maintenance/Cleaning/Demolition

Refer to drawing LGL-BML-S38-ZZ-DR-C-0100

General Notes:

- Do not scale from this drawing.
- All dimensions are in meters (m), all levels in metres (m) unless noted otherwise.
- Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
- Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
- The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
- The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
- This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.
- Details and locations of existing services are based on the Topographical Survey and Utility Records received from Third Parties and Service Providers respectively, and should be considered indicative and approximate only. The existing services shown on drawings may not be exhaustive. The Contractor shall use Trial Pits and other approved methods to accurately locate and verify the positions and depths of all existing services before commencement of works on site.

KEY:

- HB2—HB2— Proposed HB2 Kerbs
- BN—BN—BN Proposed BN Kerbs laid with 25mm upstand
- EF—EF—EF Proposed EF Kerbs laid with 25mm upstand
- — — Proposed Site Boundary
- — — The area bounded in blue is owned by the same owner who owns the proposed development area
- Proposed Permeable Paving areas
- Proposed four industrial units
- Proposed footways
- Proposed access road and yard

PRELIMINARY DRAWING
This drawing is not to be used for construction

P02	VI	AM	10/02/21	Bioretention Area Addes
P01	VI	AM	21/10/20	Preliminary Issue
Rev	By	Chkd	Date	Description

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Project **R&R Engineering
Wrexham Industrial Estate**

Drawing

External Surfaces

Drawn by	VI	Date	21/10/20
Checked by	AM	Date	21/10/20

Drawing No. **RRE-BML-ERD-ZZ-DR-C-0700** Revision **P02**

BML Job No. **1017-01**

Drawing Scale at A1: 1:250

CAD Filename:

Table 1: Pavement Construction Chart

Pavement Construction Type	Surface Course	Binder Course	Base Layer (Bituminous)	Base Layer (HBM)	Sub-base/Capping Layer (Foundation Class 2)
Access Road PC1	40mm HRA 55/14 C Surf 40/60 to BS EN 13108-4. Minimum PSV 60	60mm AC20 Dense BIN 100/150 to BS EN 13108-1	100mm AC32 Dense Base 100/150 to BS EN 13108-1	—	150mm Type 1 sub base to DfT SHW Clause 803 over 350mm Capping Layer to SHW Clause 613
Permeable Paving PC2	80mm Concrete Block Paviours to Architect specification.	50mm Sand Layer Class II to BS7533 Part 3 2005+A1:2009 or similar approved	—	—	300mm Type 3 sub base (5-20 mm Stone) DfT SHW to Clause 805

Notes:

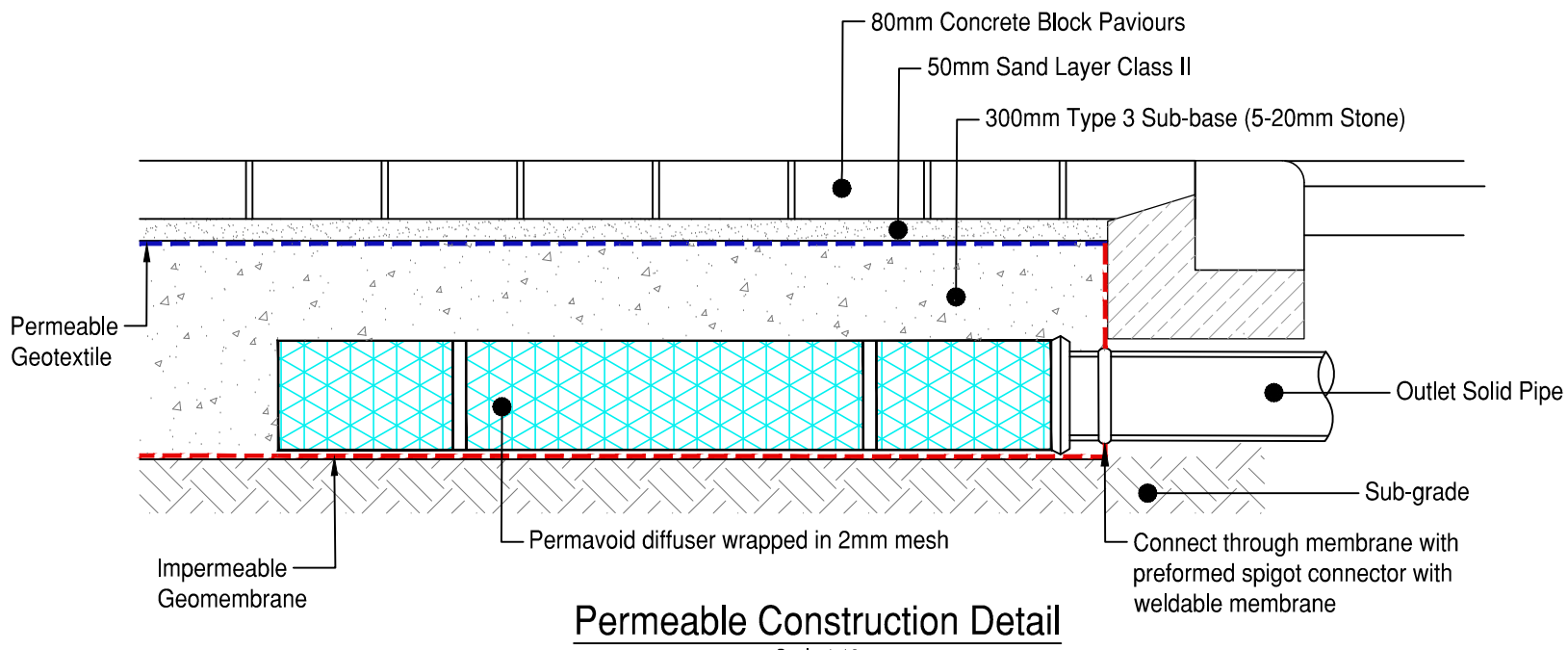
- Contractor to check insitu CBR at time of construction and adjust pavement foundation as per Table 3. Assumed Site CBR 2% <= CBR < 5%

Table 2: Footway Construction Chart

Pavement Construction Type	Surface Course	Binder Course	Base Layer (Bituminous)	Base Layer (HBM)	Sub-base/Capping Layer (Foundation Class 2)
Footway Pavement FC1	25mm AC6 Dense Surf 100/150 to BS EN 13108-1	50mm AC20 Dense BIN 100/150 to BS EN 13108-1	—	—	150mm Type 1 sub base to DfT SHW Clause 803

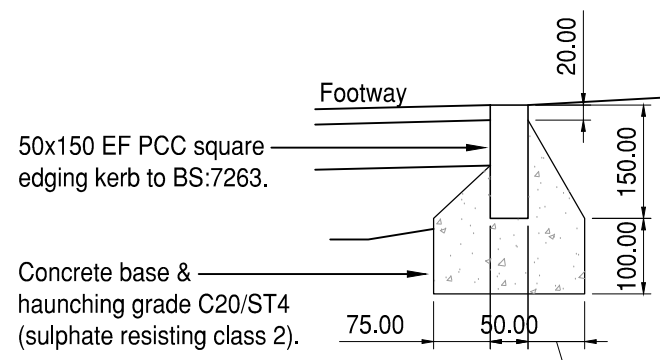
Table 3: Class 2 Pavement Foundation Options

In-situ CBR	Type 1 sub base to DfT SHW Clause 803	6F1 or 6F2 Capping layer To SHW clause 613
>=5%	225	-
2% <= CBR < 5%	150	350
< 2%	150	600



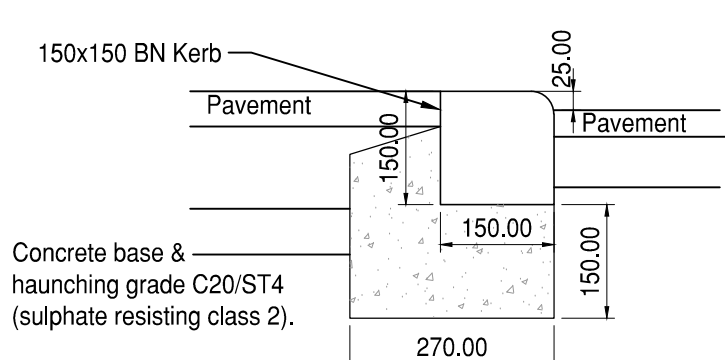
Permeable Construction Detail

Scale 1:10



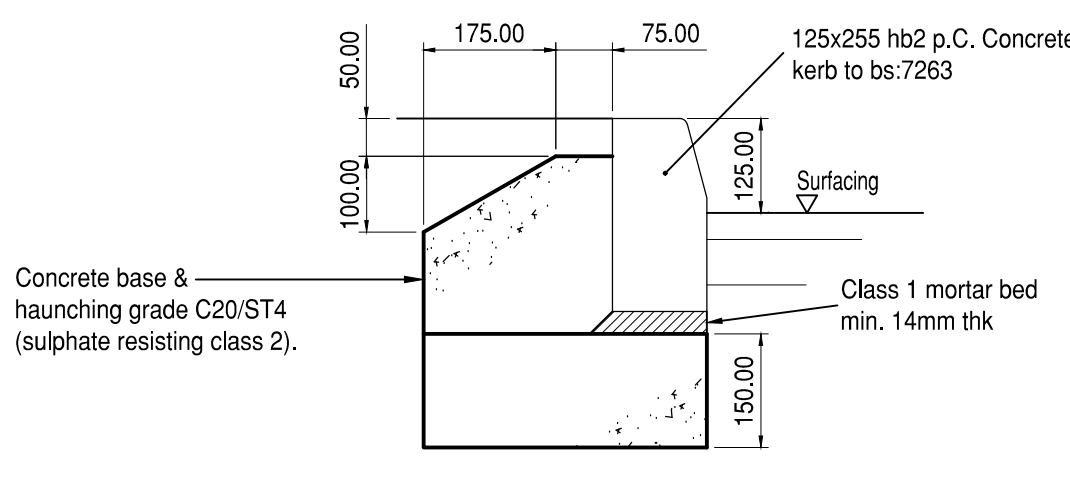
EF Kerb Bedding Detail

Scale 1:10



BN Kerb Bedding Detail

Scale 1:10



HB2 Kerb Bedding Detail

Scale 1:10