

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 and Parking Bay PC1	25mm AC6 dense surf 160/220 to BS EN 13108-1 and BSI PD 6691 Annex B	60mm AC20 dense bin 100/150 to BS EN 13108-1 and BSI PD 6691 Annex B	80mm AC32 dense base 100/150 to BS EN13108-1 and BSI PD 6691 Annex B	-	150mm Type 1 sub base to DfT SHW Clause 803 and 300mm 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
Service Yard PC3	150mm thick slab grade PAV2 (air entrained to 5.5%) with brushed finish				150mm thick type 1 sub base well compacted, sub grade to be proof rolled

Notes:

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

Table 2: Footway Construction Chart

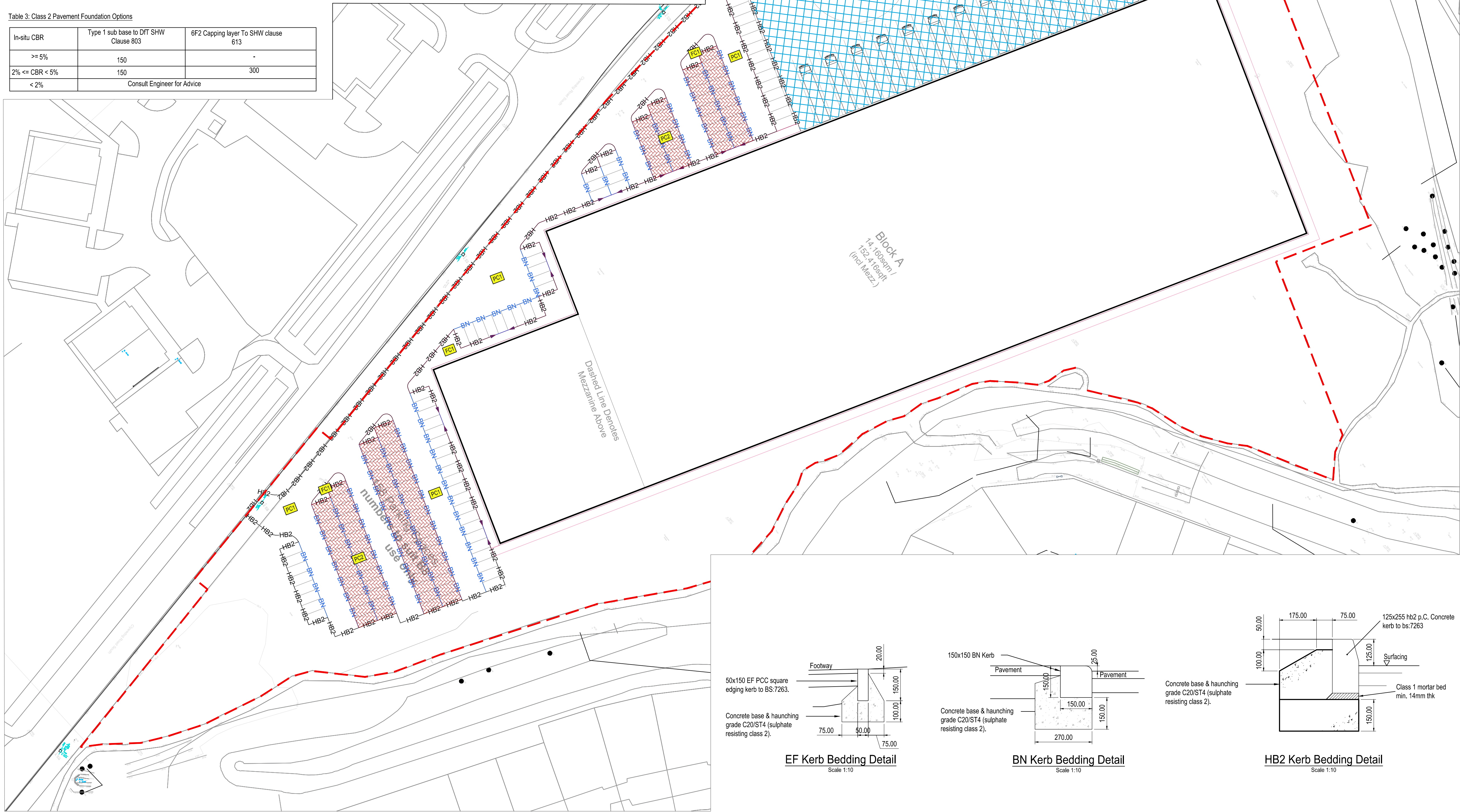
Pavement Construction Type	Surface Course	Binder Course	Base Layer (Bituminous)	Base Layer (HBM)	Sub-base/Capping Layer (Foundation Class 2)
Footway Pavement FC1	25mm AC6 Dense Surf 100/150 to BS EN 13108-1	50mm AC20 Dense BIN 100/150 to BS EN 13108-1	-	-	150mm Type 1 Granular sub-base

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 3: Class 2 Pavement Foundation Options

In-situ CBR	Type 1 sub base to DfT SHW Clause 803	6F2 Capping layer To SHW clause 613
>= 5%	150	-
2% <= CBR < 5%	150	300
< 2%	Consult Engineer for Advice	



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:

General Notes:

- Do not scale from this drawing.
- All dimensions are in millimetres (mm), 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.

Key

HB2	Proposed HB2 Kerbs with 125mm upstand
BN	Proposed BN Kerbs with 125mm upstand
EF	Proposed EF Kerbs with 25mm upstand
	Proposed Dropped Kerbs
	Proposed Permeable Paving
	Proposed Asphalt Access Road
	Proposed Concrete Slab
	Proposed Asphalt Footpath
	Existing and Proposed Green Areas
	Proposed Building
	Site Boundary

P01	DH/AM	15/09/21	Preliminary Issue
Rev	By / Chkd	Date	Description

PRELIMINARY DRAWING
This drawing is not to be used for construction

Client



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Project

Site 5a, Wrexham

Drawing

Proposed External Surfaces

By	MR/AM	Date	00/00/0000
Drawing No.	S5A-BML-XX-XX-DR-C-0700	Revision	P01
BML Job No.	1000-02	Status	-

Drawing Scale at A1: -

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