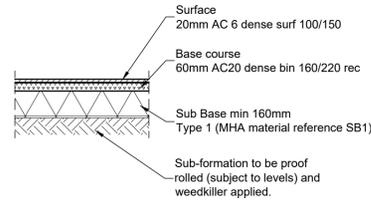
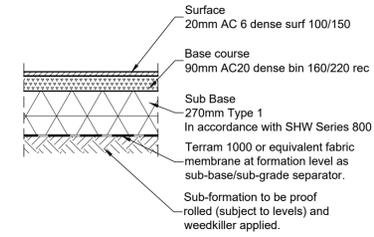


**Bituminous Driveway**  
1:20



**Footpaths**  
1:20



**Heavy Duty Crossover**  
1:20

To accommodate heavy vehicle parking or over-running

CBR	Without Geotextile Underneath	With Geotextile Underneath
Less than 2%	N/A	300
2-3%	325	225
3-5%	250	150
5-7%	150	N/A
7-20%	100	N/A

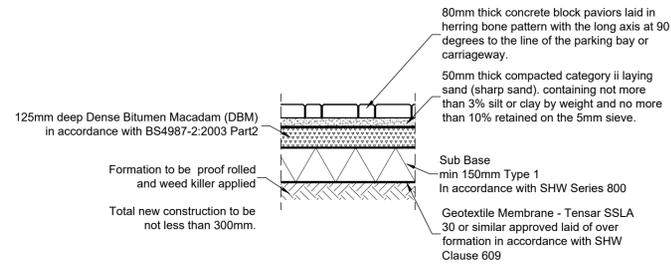
Minimum thickness (mm) of type 1 sub-base, (consolidated in accordance with MCHW Volume 1 Clause 801, table 8/1)

**Type 1 Sub-Base for Paved Surfaces**  
1:20

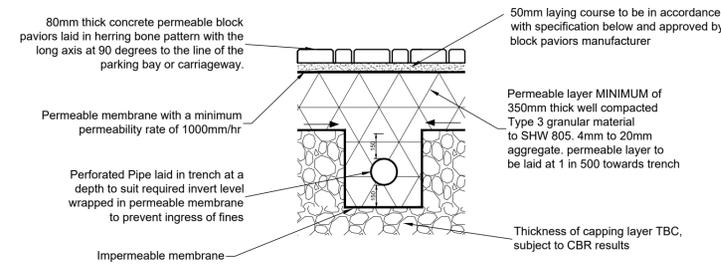
**Table MC7a : Strengthening Residential Footways - construction materials and depths**

Surfacing	Bituminous		Block Paving	
	Thickness	Material Reference	Thickness	Material Reference
Surfacing	25mm	AC 6 dense surf 100/150 (MHA material reference SC2)	80mm	60mm blocks on 30mm bedding sand (compacted)
Base course	90mm	AC20 dense bin 160/220 rec (MHA material reference BC3)	90mm	AC20 dense bin 160/220 rec (MHA material reference BC3)
Sub-base	270mm	Granular Type 1 (MHA material reference SB1)	270mm	Granular Type 1 (MHA material reference SB1)

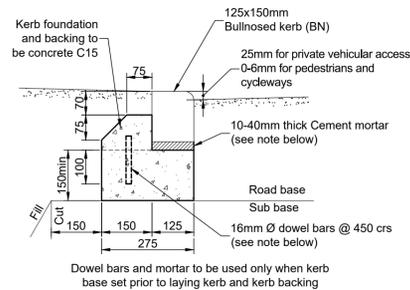
The sub-base is to be increased to 365mm for CBR's of 2% or less



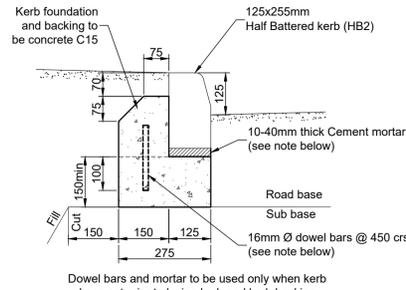
**Heavy Duty Block Paving**  
1:20



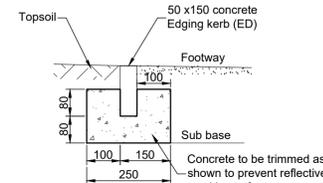
**Type C Permeable Paving**  
1:20



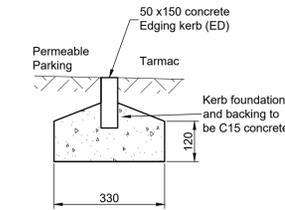
**Concrete Kerb Type: BN**  
1:10



**Concrete Kerb Type: HB**  
1:10



**Footpath/Footway Edging Type: ED**  
1:10



**Edging Kerb at Vehicle Crossovers: ED**  
1:10

**SAFETY, HEALTH & ENVIRONMENTAL HAZARD INFORMATION BOX.**



The hazards noted below are in addition to the normal hazards and risks faced by a competent contractor when dealing with the types of works detailed on this drawing.

**CONSTRUCTION RISKS:**

- Deep Trenches
- Unforeseen Services
- Leptospirosis

**DEMOLITION RISKS:**

- Leptospirosis

**Notes:**

1. DO NOT SCALE FROM THIS DRAWING.
2. All dimensions are in millimetres Unless Noted Otherwise (u.n.o.)
3. Drawing is to be read in conjunction with all relevant architect's drawings. Any inconsistencies should be reported to PRP immediately.
4. All levels and dimensions are to be checked on site before any work commences.
5. The Health and Safety at Work act is to be complied with at all times. Attention is drawn to the wearing of hard hats, reflectorised clothing, and the use of any other required safety equipment.

**External Works:**

1. Prior to any works being carried out within or immediately adjacent to the public highway, a scheme for the safe control of traffic and pedestrians is to be agreed with the Highway Authority and implemented
2. Any utilities shown on this drawing are indicative only. It is the Contractor's responsibility to trace and indicate the precise location and nature of all services.
3. The Developer/Contractor shall be responsible for liaison with the Statutory Undertakers and other cable service companies for the provision of all required services, diversion.
4. The formation of all surfaces shall be trimmed, rolled and treated with a glyphosphate based weedkiller in accordance with the manufacturers instructions prior to laying the sub-base
5. All in situ concrete shall be Designated Concrete GEN3 produced in accordance with BS 8500-2006.
6. In all instances sulphate resisting cement is to be used.
7. Half Battered and Splayed kerbs face shall be 125mm above the channel level.
8. The minimum depth of concrete below all kerbs shall be 150mm. Kerbs shall be laid on a 10-40mm bed of Class 1 cement mortar unless laid with the foundation in one operation.
9. Adequate bond must be made between foundation and haunch if laid in more than one operation. Preferred method of bonding to be by means of steel U-bars reinforcement, any other method to be approved by PRP.
10. Mortar joints between kerbs not to be provided unless specified. Gaps between kerbs to be 1 to 2mm.
11. The sub-grade shall be prepared to falls to ensure that construction thickness' remain uniform. Following trimming of the sub-grade it shall be protected against the ingress of water, failure to do so will seriously weaken the sub-grade.
12. All soft spots shall be excavated and replaced with compacted sub-base material
13. The minimum total carriageway construction thickness shall not be less than 450mm.
14. All materials used in top 450mm of carriageway construction shall be non-frost susceptible.

P2	07/09/2023	Edging kerb at vehicle crossover detail added	NN / DE
P1	17/11/2022	Issued for comments	NN / DE
Rev	Date	Description	By / Chk

**PRP**  
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Leicester  
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Client:  
**Cartwright Homes Ltd.**

Architect:  
**Hayward Architects Ltd.**

Project:  
**Proposed Housing  
Woodlands Lane, Bedworth  
CV12 0NN**

Title:  
**Surfacing Plan Construction Details**

Status: **PRELIMINARY**

Engineer:	NN	Date:	June 2022
Drawn:	NN	Scales @ A 1:	
Checked:	DE	As Shown	
Project No:	82162	Drg No:	113 Rev: P2