

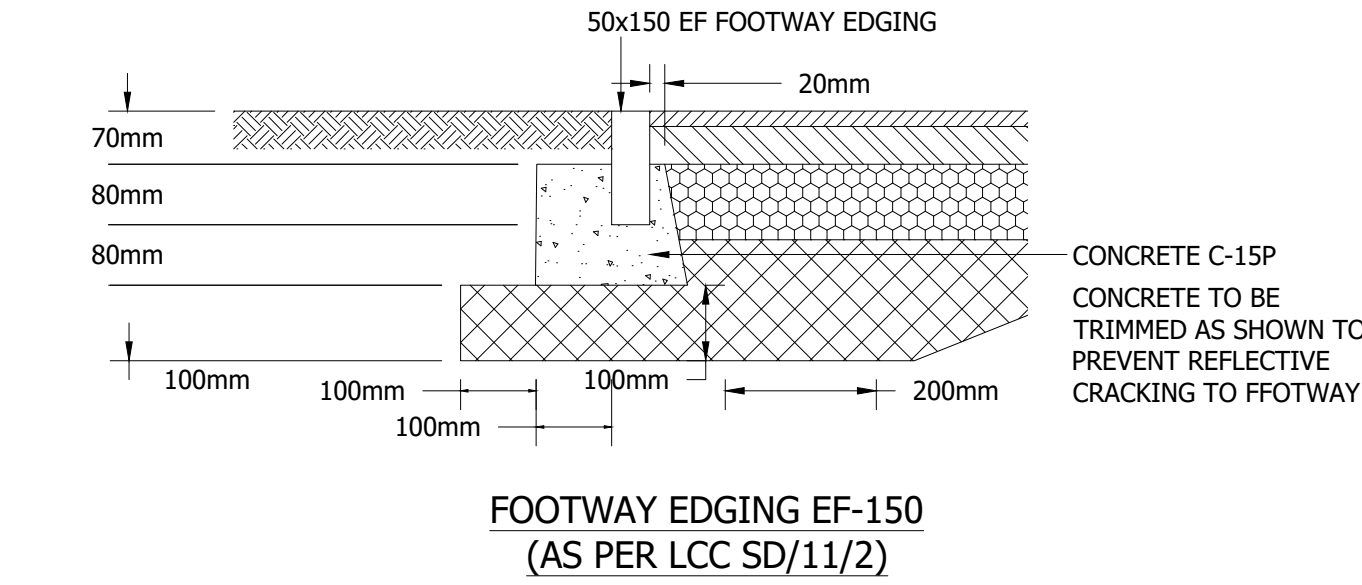
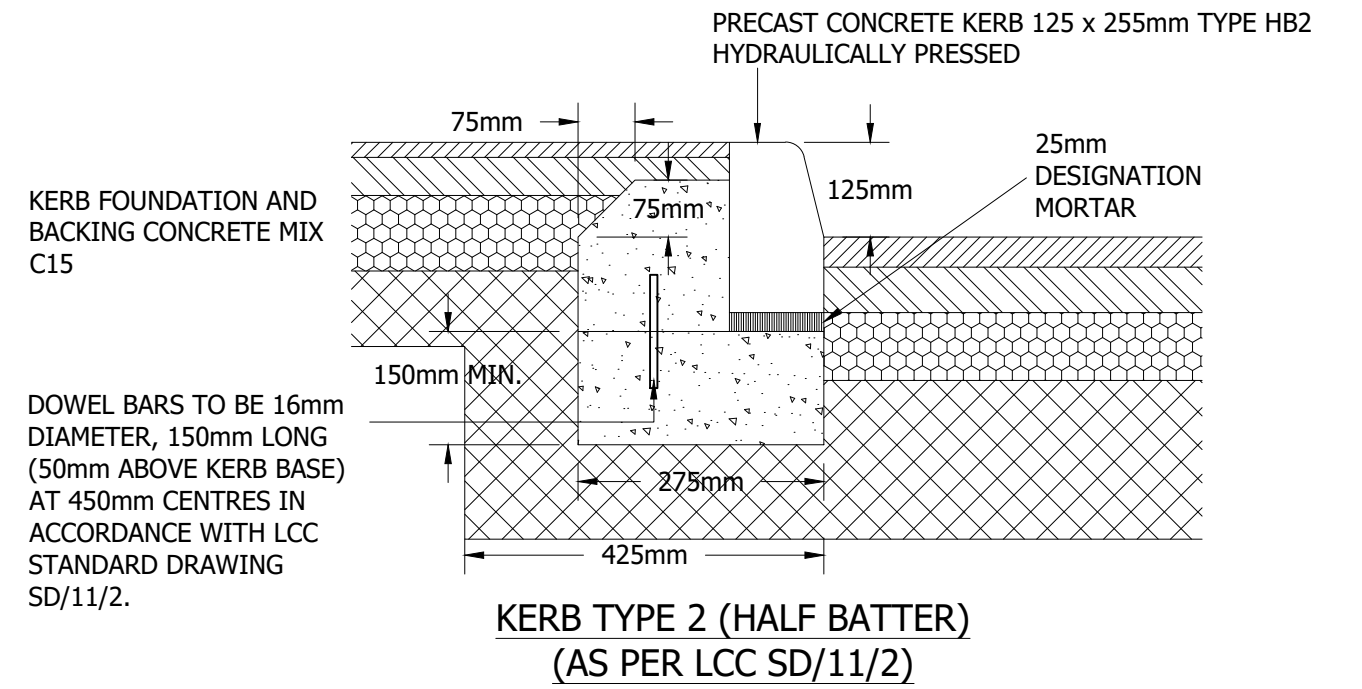
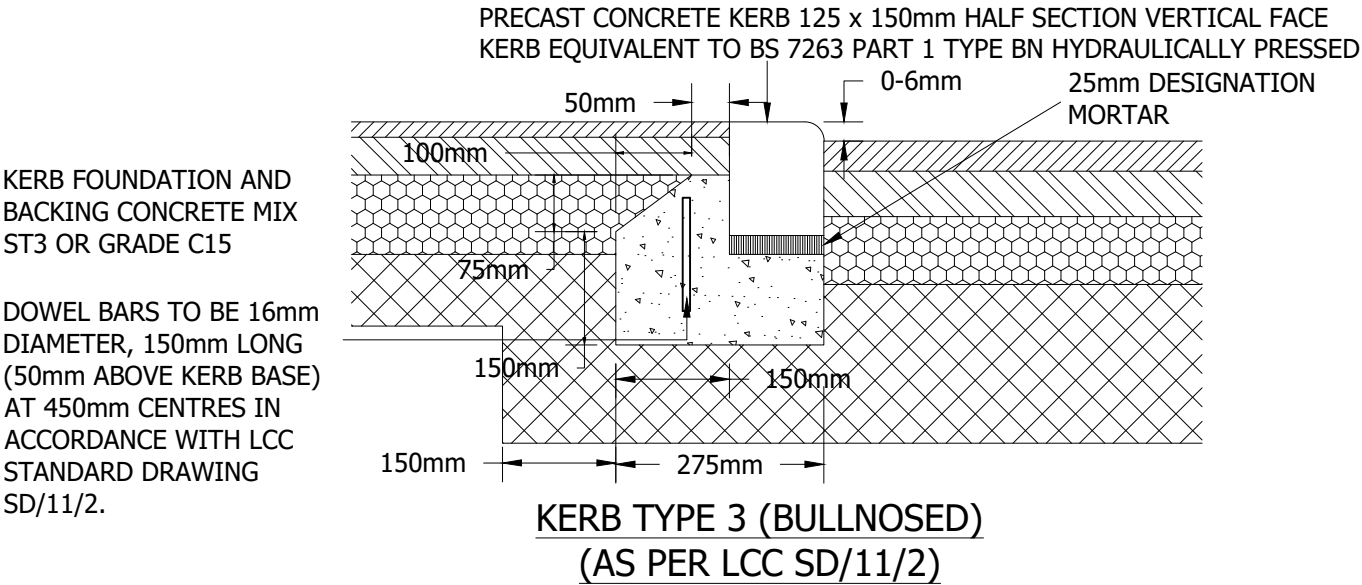
Roads carriageway construction depths

Industrial access roads				
Bituminous				
				Notes
Surface course	50mm	HRA 35/14F surf 40/60 des (14/20mm pre-coated chippings) (Appendix 7/1 Material Ref. SC6)		1
Binder course	60mm	AC 20 dense bin 40/60 rec (Appendix 7/1)		4
	60mm	AC 20 dense bin 40/60 des (Appendix 7/1 Material Ref. BC4)		
Base	190mm	AC 32 base 40/60 rec (Appendix 7/1)		4
	190mm	AC 32 HDM base 40/60 rec (Appendix 7/1 Material Ref. B4)		
1 Polished stone values (PSV) of course aggregate in surface course materials shall be determined from 'Table 1.1 Polished Stone Values for carriageway resurfacing treatments' in the council's 'Carriageway - Skidding Resistance Procedure'				
4 Any binder course material laid as a running surface course prior to the final surface course being laid must have a minimum PSV of 55 and aggregate abrasion value (AAV) of 7. This includes under block paved surfaces in carriageways.				

Bituminous			
Surface course	20 mm	AC 6 dense surf 100/150 (MHA material reference SC12)	90 mm
Base course	50 mm	AC 20 dense bin 160/220 rec (MHA material reference BC3)	70 mm
Sub-base	160 mm	Granular Type 1 (MHA material reference SB1)	150 mm
	or 225 mm	Granular Type 1 (MHA material reference SB1)	
		vehicular crossings serving 5 or less dwellings*	

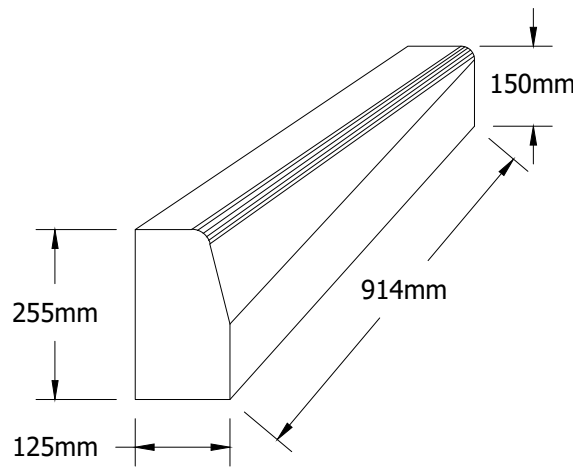
Table MC7: Residential Footways Construction Materials and Depths

*WHERE VEHICULAR CROSSINGS ARE SERVING MORE THAN 5 DWELLINGS SURFACE COURSE TO BE 25mm THICK, BASE COURSE 90mm THICK AND SUB-BASE 270mm AS PER TABLE MC7a - STRENGTHENING RESIDENTIAL FOOTWAYS, IN THE LCC HIGHWAY DESIGN GUIDE.



Bond coat (vehicle access):

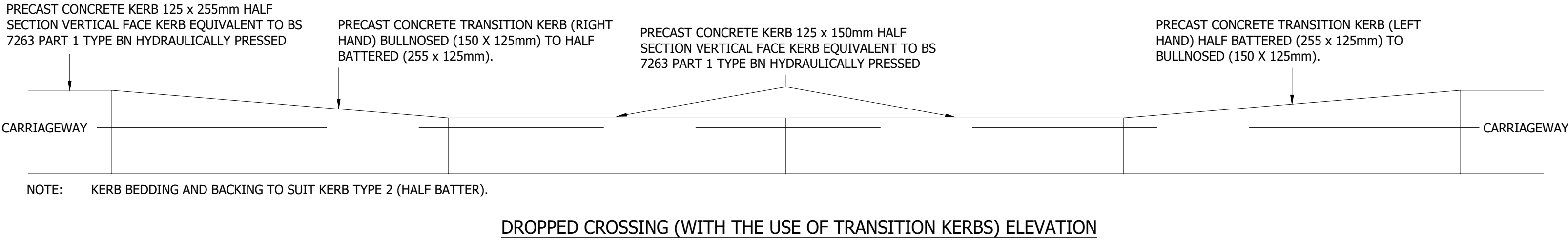
Bond Coat will be used between bituminours layout. (Reference to bond coats - refer to BS 59487:2015. Specification for transport, laying, compaction and product-type testing protocols.



TRANSITION KERB UNIT 3D
DETAIL

Table 36: Carriageway sub-base and capping thickness(a)

CBR VALUE.	Min 450mm Frost Suseptibility					
	Residential Access Road		Shared Surface Access Way		Industrial Road	
	Capping	Sub base	Capping	Sub base	Capping	Sub base
Less than 2%	550	200	500	250	600	150
2%	400	200	350	250	450	150
3%	300	200	250	250	350	150
4%	250	200	200	250	300	150
5-15%	200	200	200	250	250	150
More than 15%		200		250		150



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3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS RELATING TO THIS PROJECT.
4. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHOULD BE IMMEDIATELY NOTIFIED IN WRITING TO TRAVIS BAKER LIMITED.
5. THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION CHECK AND VERIFY THAT THE DETAILS SHOWN ON THIS DRAWING ARE FULLY COMPATIBLE WITH ANY AS CONSTRUCTED DIMENSIONS OR LEVELS. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY IN WRITING TO TRAVIS BAKER LIMITED.
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NOTE: ALL WORK TO LEICESTERSHIRE COUNTY COUNCILS STANDARDS, AND TO THE SATISFACTION OF THE LEICESTERSHIRE COUNTY COUNCIL ENGINEER.

PRELIMINARY SUBJECT TO LCC HIGHWAYS APPROVAL.

KERBING NOTES (ALL KERBS IN LINE WITH LCC STANDARD DRAWINGS SD/11/1 AND SD/11/2)

1. KERB FOUNDATIONS FOR TYPES 1-3 SHALL BE NOT LESS THAN 150mm THICK AND SHOULD BE SEATED ON OR IN THE SUB BASE; THIS DEPENDING ON PAVEMENT CONSTRUCTION THICKNESS ADOPTED.
2. ALL KERBS SHALL BE LAID ON A 25mm BED OF MORTAR DESIGNATION (i). REFER TO CLAUSE 6.15 IF THE SPECIFICATION.
3. ADEQUATE BOND SHALL BE PROVIDED BETWEEN FOUNDATION AND HAUNCH. PREFERRED METHOD OF BONDING TO BE BY MEANS OF STEEL REINFORCEMENT HOOPS AT 900mm CENTRES OR ANY OTHER METHOD TO BE APPROVED BY THE ENGINEER.
4. PRAM CROSSINGS SHALL BE AS VEHICULAR ACCESSES, BUT WITH NORMAL FOOTWAY CONSTRUCTION AND WITH 2 DROPPED KERBS.
5. THE VERTICAL JOINT CREATED BY ROTATING THE DROPPER KERB SHALL BE FILLED WITH CLASS 1 MORTAR.
6. KERB BACKING NORMALLY BROUGHT UP TO 50mm BELOW TOP OF KERB, BUT WHERE FINAL SURFACE OF FOOTWAYS IS SLAB PAVING, KERB BACKING SHALL FINISH 75mm BELOW TOP OF KERB.
7. FOR BLOCK PAVED FOOTWAYS THE DETAIL RELEVANT FOR A KERB TYPE TO BE AGREED WITH THE ENGINEER.
8. FOR RADIUS WORKS KERBS SHALL BE AS FOLLOWS:
 - RADIUS 12m OR LESS - KERBS MANUFACTURED TO AN APPROPRIATE RADIUS;
 - RADIUS 12m TO 45m - STRAIGHT KERBS OF A LENGTH OF 610mm;
 - RADIUS 45m OR GREATER - STRAIGHT KERBS OF STANDARD LENGTH.

A	ROAD SPEC UPDATED.	22.10.25	CL	JC
REV	DESCRIPTION	DATE	BY	AUTH

Travis Baker
39 Stoney Street
Lace Market
Nottingham
NG1 1LX

**Transport Planning
Flood Risk and Drainage
Geo-Environmental
Civil and Structural Engineering**

Nottingham Telephone:
0115 896 6655
info@travisbaker.co.uk
www.travisbaker.co.uk

CLIENT
PERSIMMON HOMES

PROJECT
BRASCOTE LANE,
NEWBOLD VERDON

TITLE
S184 CONSTRUCTION DETAILS

DRAWN CN	AUTHORISED TW	SCALE AS SHOWN-@A1	DATE 23.09.24
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PROJECT NO. 23042	DRAWING NO. 502	REV A
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STATUS.
PRELIMINARY