

PAVEMENT AND KERB NOTES:
UNLESS STATED OTHERWISE, CLAUSES REFERENCED BELOW
REFER TO LINCOLNSHIRE COUNTY COUNCIL DEVELOPMENT ROAD
SPECIFICATION AND CONSTRUCTION 2014 EDITION

Carriageway: Flexible Construction (Pavement Type 1)

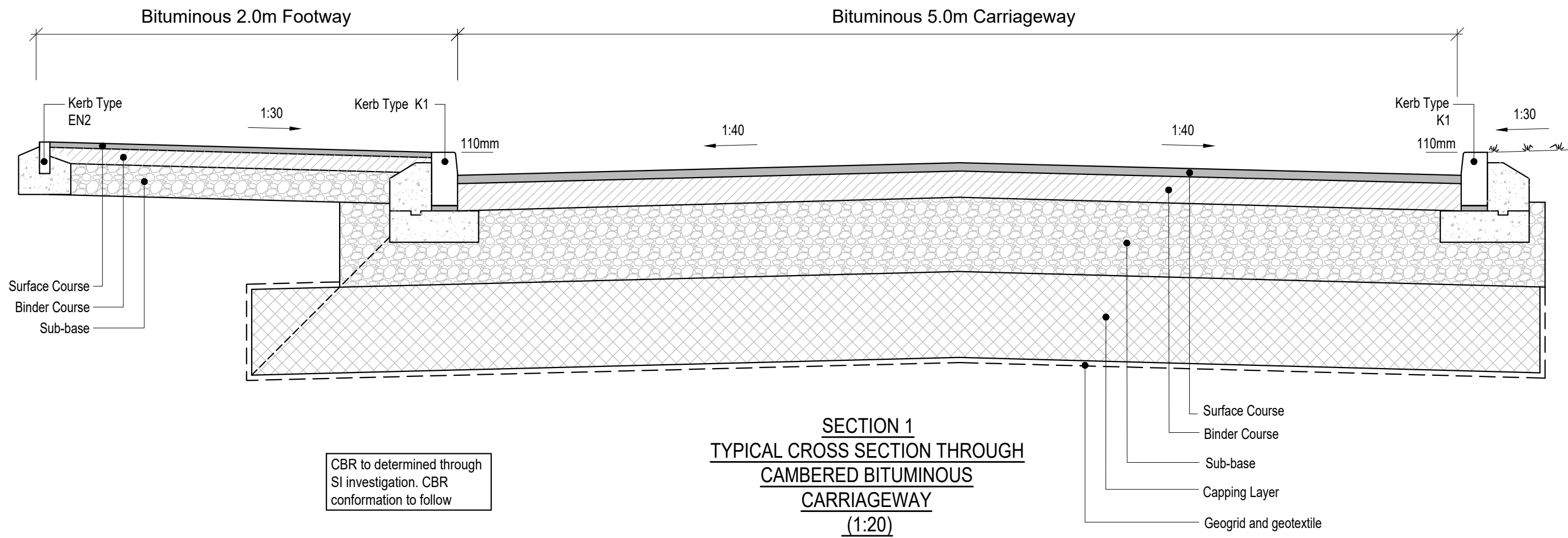
- 40mm Surface Course of AC 10 dense surf 100/150 rec to Clause 7.3.
- 130mm Binder Course of AC 20 dense bin 40/60 rec to Clause 9.1.
- 300mm Sub-base of Type 1 to Clause 1.2.
- 410mm Capping Layer of 6F5 capping material.
- Geocomposite layer to be Tensar TriAx TX-G or similar approved.
- Geocomposite layer to be manufacturer designed, fit for purpose and approved by Lincolnshire County Council. Installation to manufacturers requirements.

Footway: Bituminous Surfacing (Pavement Type 2)

- 25mm Surface Course of AC 8 dense surf 100/150 rec to Clause 9.4.
- 100mm Binder Course of AC 20 dense bin 70/100 rec to Clause 9.1.
- 100mm Sub-base of Type 1 to Clause 1.2.

Vehicle Access Crossings

- Installed to Clause 1.6.
- 25mm Surface Course of AC 6 dense surf 100/150 rec to Clause 9.4.
- 100mm Binder Course of AC 20 dense bin 70/100 rec to Clause 9.1.
- 150mm Sub-base of Type 1 to Clause 1.2.



S38 Highway Adoption Notes:

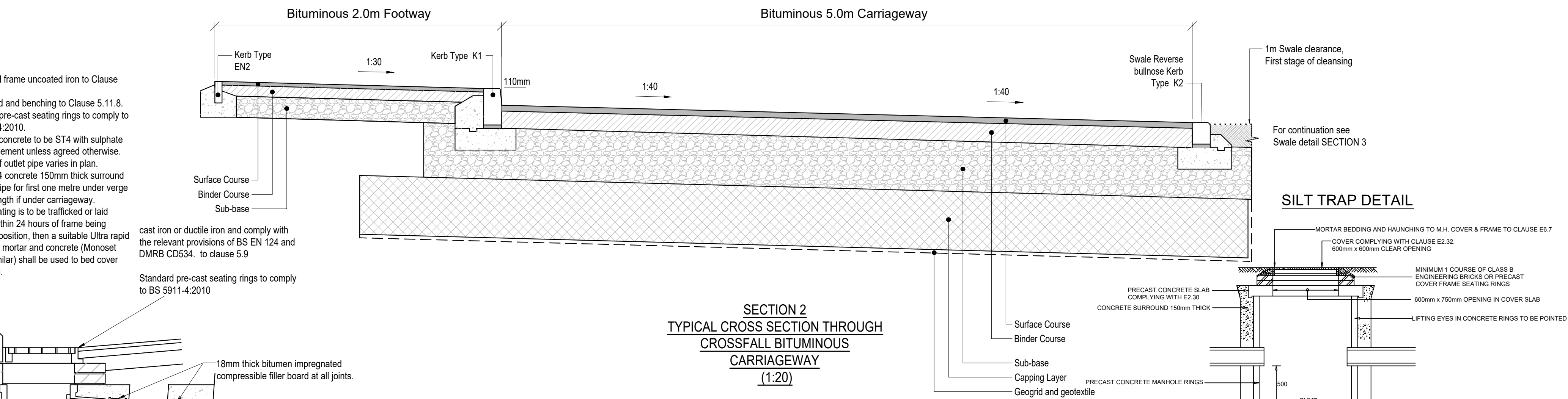
- "The specification in all respects shall be in accordance with the current Lincolnshire Design Guide for Residential Areas" and "Development Road Specification and Construction" publications in force in the county at the time of construction.
- The minimum longitudinal fall for highways, without channel blocks shall be 1 in 150, and with channel blocks 1 in 250 (see Clause 10.1). In addition, ensure that the first section of any side road falls away from the road to which it is connecting. If general topography requires it to rise, this change of direction should take place after the first set of gullies. This is to ensure a 'false channel' with associated drainage problems is not created in the bellmouth of junctions.
- "General deterioration of the existing highway / footway / verges created through construction of the new Section 38 Development will be reinstated to the current Development Road Specification at the developers' own cost at the agreement of the inspecting Highway Officer"
- "All signs and line markings are to be agreed with the Senior Highways Officer prior to construction".
- "No Private surface water shall discharge onto the adoptable highway".

Notes:

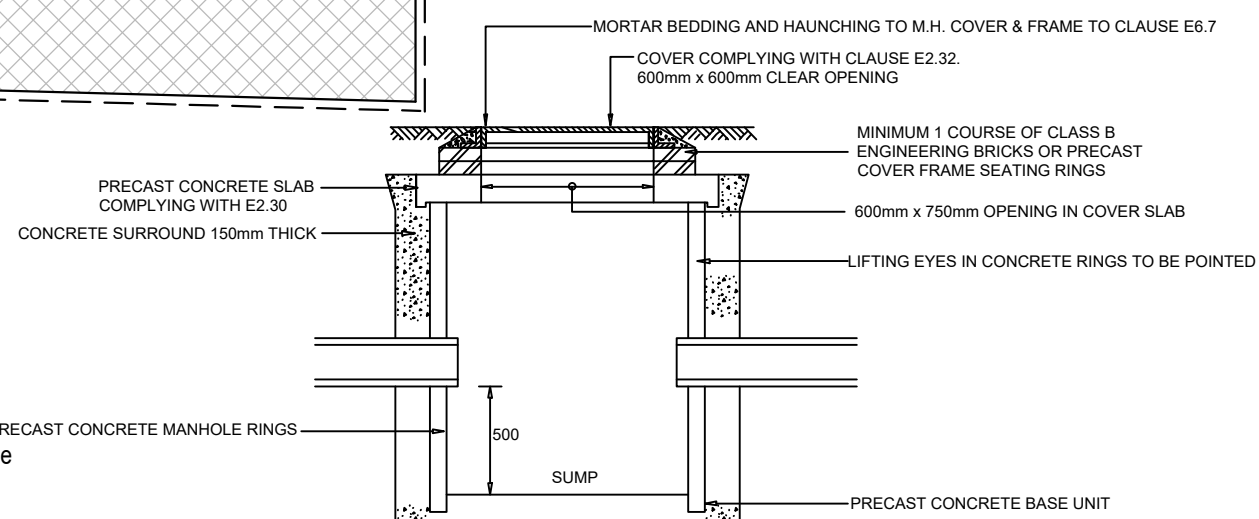
- Cover and frame uncoated iron to Clause 5.11.1.
- Mortar bed and benching to Clause 5.11.8.
- Standard pre-cast seating rings to comply to BS 5911-4:2010.
- All in situ concrete to be ST4 with sulphate resisting cement unless agreed otherwise.
- Position of outlet pipe varies in plan.
- In situ ST4 concrete 150mm thick surround to outlet pipe for first one metre under verge or total length if under carriageway.
- Where grating is to be trafficked or laid against within 24 hours of frame being placed in position, then a suitable Ultra rapid hardening mortar and concrete (Monoset 241 or similar) shall be used to bed cover and frame.

cast iron or ductile iron and comply with the relevant provisions of BS EN 124 and DMRB CD534. to clause 5.9

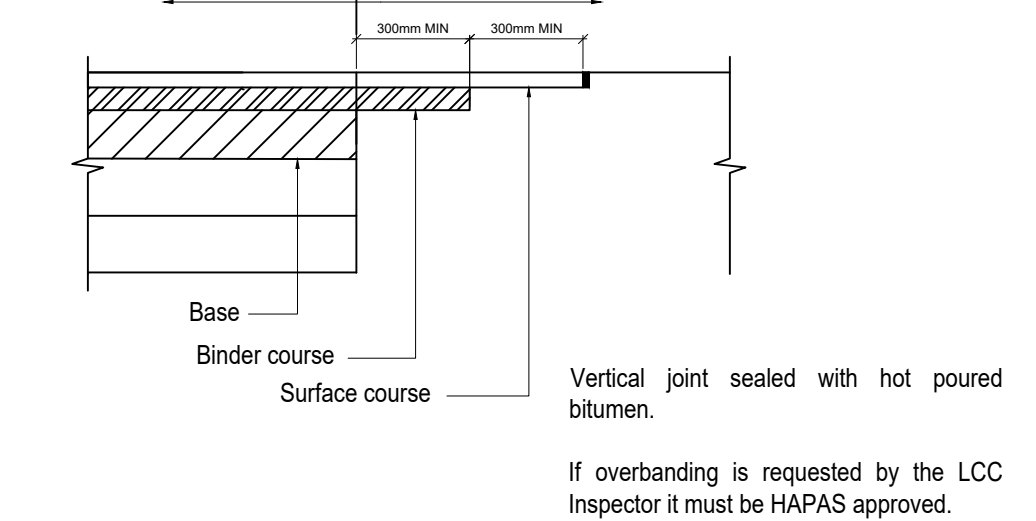
Standard pre-cast seating rings to comply to BS 5911-4:2010



SILT TRAP DETAIL



PROPOSED CARRIAGEWAY EXISTING CARRIAGEWAY

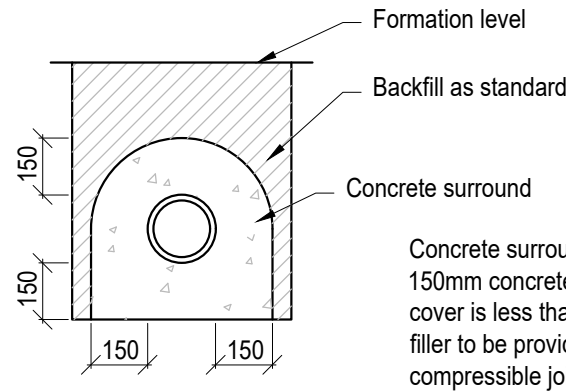


JOINTING INTO EXISTING ROAD SURFACING

NOTE: All horizontal surfaces to be tack coated K170 HAPAS approved. The above diagram is representative only, actual layers of existing construction may vary. Interface between new/proposed layers to be prepared by saw cutting a vertical face to existing layers.

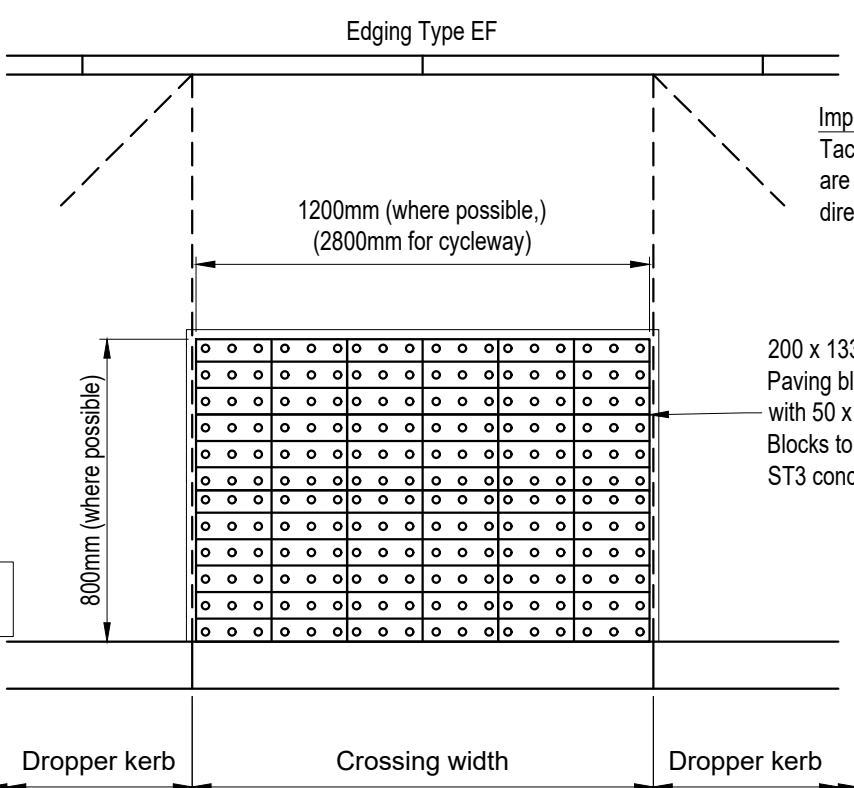
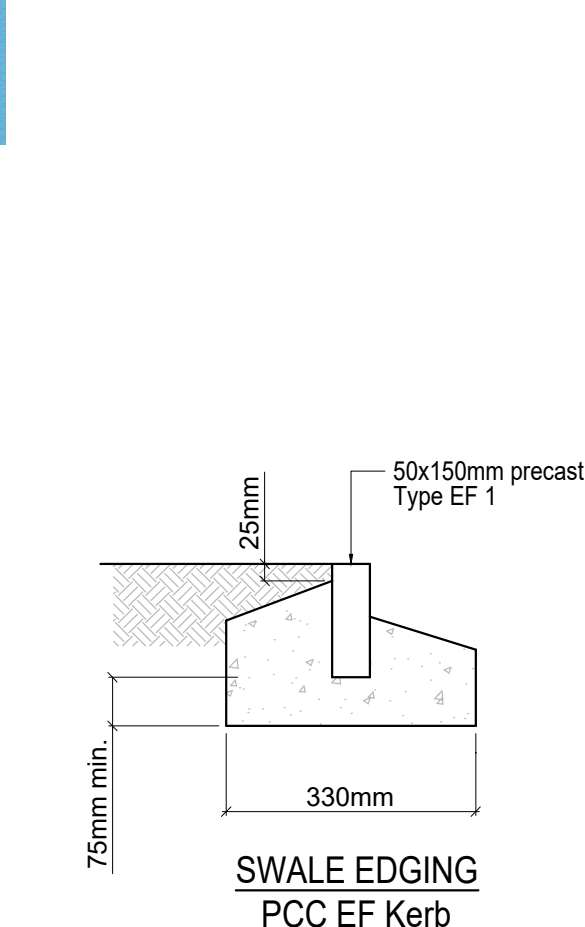
ROAD GULLY

Scale 1:20

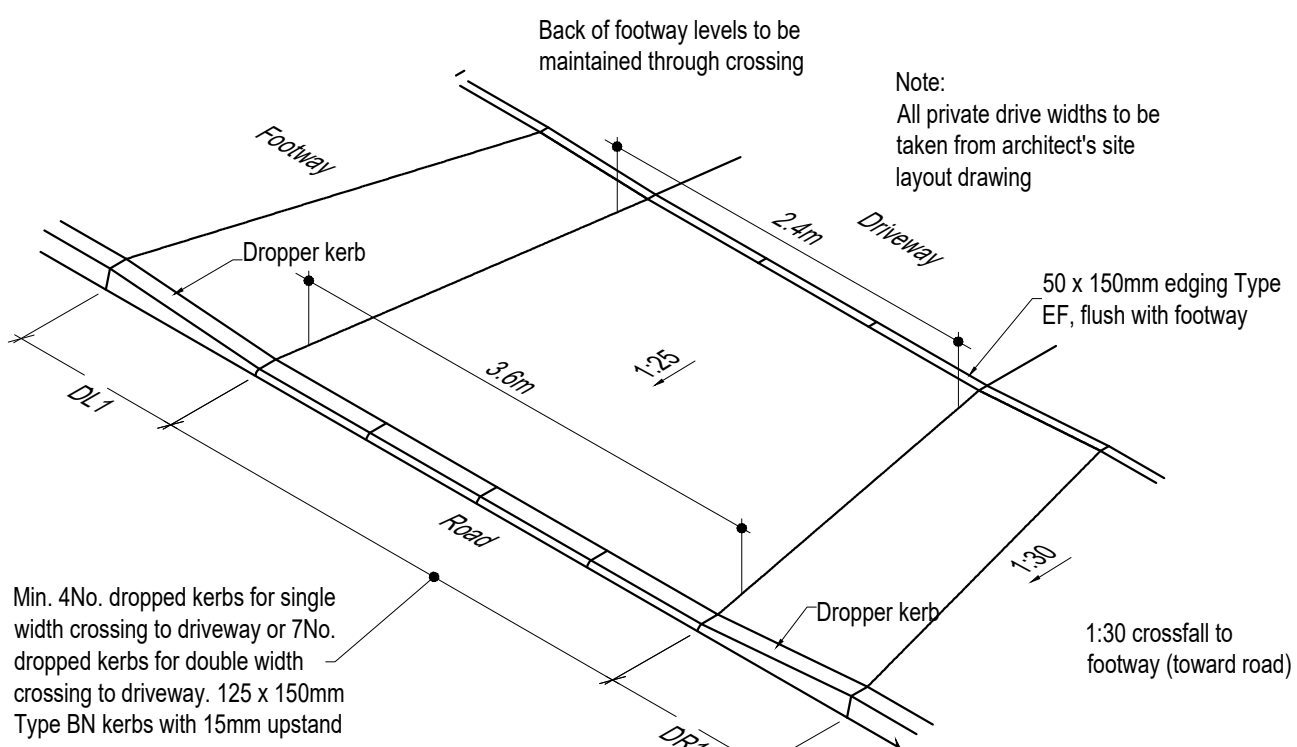


ROAD GULLY CONNECTION (cover less than 1.2m)

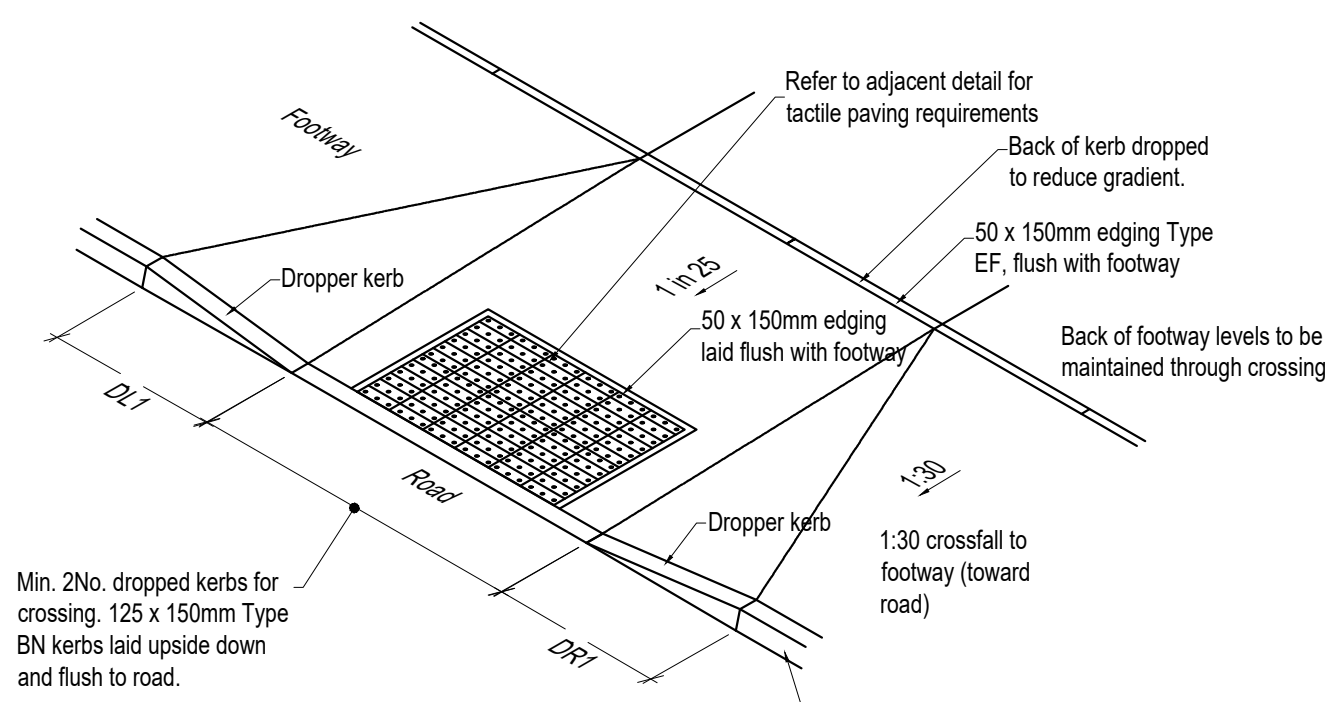
Scale 1:20



PLAN SHOWING TACTILE PAVING REQUIREMENTS TO FOOTWAY AT UNCONTROLLED CROSSING (1:20)



FOOTWAY - TYPICAL VEHICULAR CROSSING DETAIL (NTS)



FOOTWAY - TYPICAL UNCONTROLLED PEDESTRIAN TACTILE CROSSING DETAIL (NTS)

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

General

- All adoptable highway works shall be in accordance with Lincolnshire County Council Development Road Specification and Construction 2018 Edition.
- No works shall commence on site until all relevant technical approvals are in place and agreed in writing with the appropriate approval body, any works implemented prior to approval is at risk and is the responsibility of the Principal Contractor.
- This drawing must be read in conjunction with RSK Site Kerbing and Surfacing drawing, 40-12
- For detailed information respective to specific paving unit types, surface finishes, laying patterns, unit sizes and kerbing types, refer to Architect's drawing SL-01 Rev D

Materials

- All concrete block pavers shall conform to BS EN 1338:2003 and shall be laid in strict accordance with the requirements of BS 7533 Part 3.
- All concrete flag paving shall conform to BS EN1339:2003 and shall be laid in strict accordance with the requirements of BS 7533 Part 4.
- All natural stone paving products MUST be CE marked by the manufacturer to show compliance with the British Standards and shall be laid in strict accordance with the requirements of BS 7533 Part 4.
- In respect of cutting paving materials the Contractor's attention is drawn to the advice contained within the following document, "Cutting Precast Concrete Blocks, Flags and Kerbs - Efficient Design and Managing Risk" as published by Interpave.

SUBJECT TO SECTION 38, SECTION 104

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P8	25.07.23	Drawing updated to Client comments	MS		
P7	29.06.23	Drawing updated to latest drainage design	PO	MS	
P6	20.05.22	Silt trap detail updated	LGS	MAR	
P5	11.05.22	Updated to suit clients comments received 09.05.22	LGS	MAR	

RSK

LAND & DEVELOPMENT ENGINEERING LTD

Spring Lodge
172 Chester Road
Helsby
Cheshire, WA6 0AR
United Kingdom

Tel: +44 (0) 1928 726006
Fax: +44 (0) 1928 725633
Email: lde@rsk.co.uk
Web: www.rsk.co.uk

Client	Allison Homes
Project Title	Moulton Chapel Spalding

Status		DETAILED DESIGN			
Drawing Title					
Road Construction Details Adoptable					
Drawn	Date	Checked	Date	Approved	Date
JW	JUL 19	MAR	JUL 19		
Scale	Orig Size		Dimensions		
As Shown	A1				
Project No.			Drawing File		
881565					
Drawing No.				Rev.	
40-08				P8	