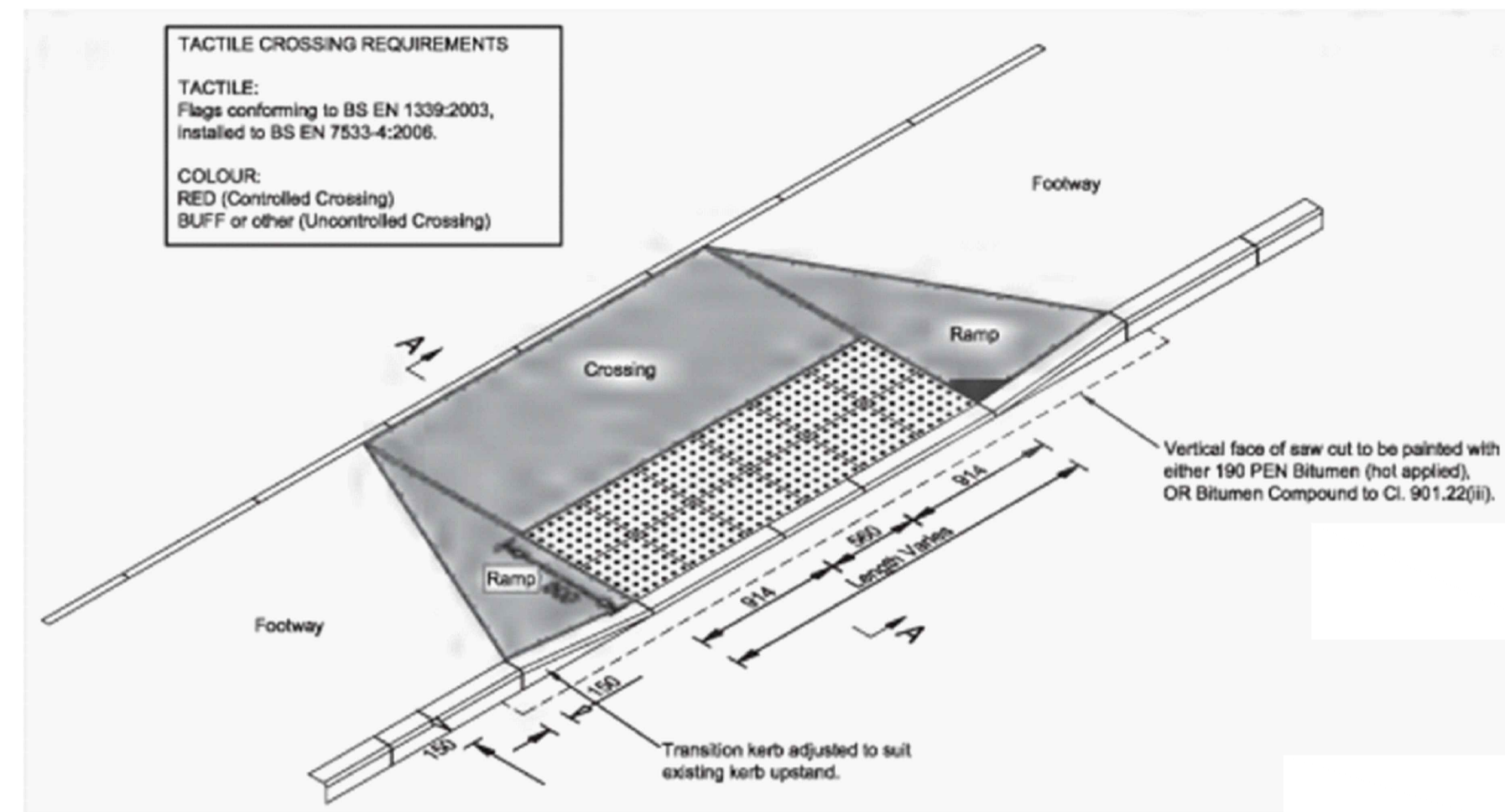
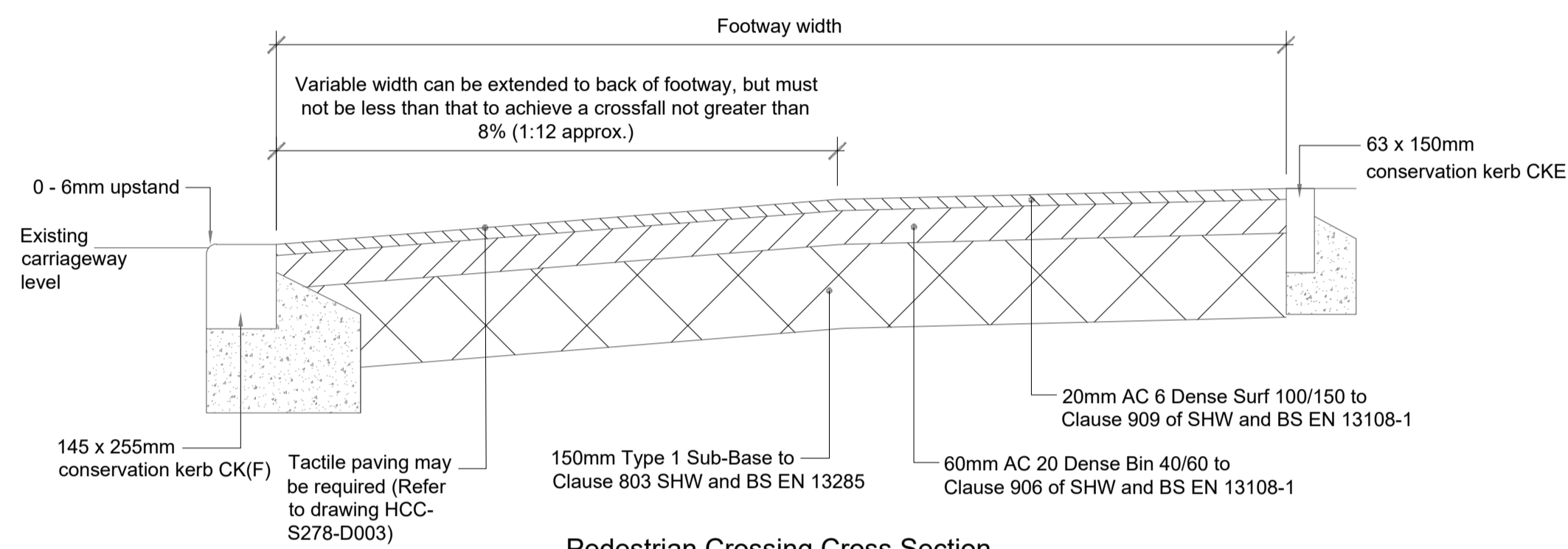


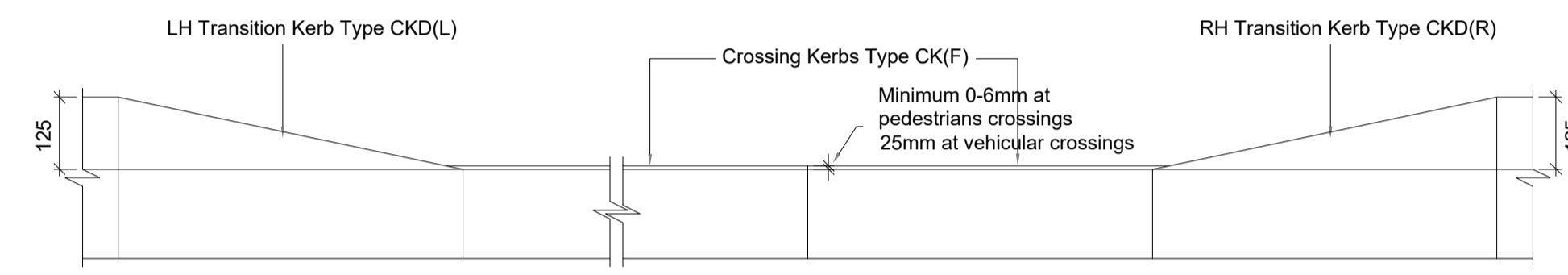
Footway Construction



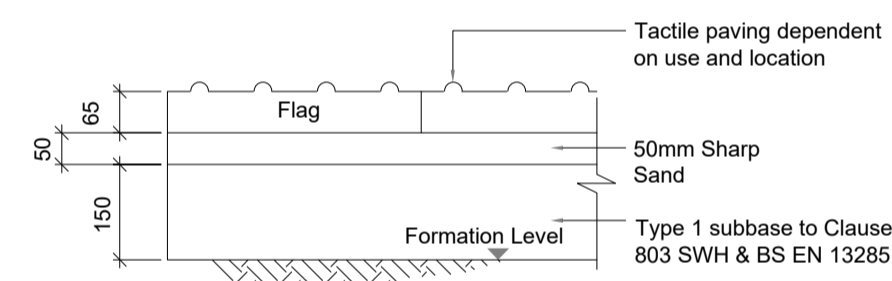
- NOTES:
- All details are to be checked on site by the Contractor prior to the commencement of the works.
  - All dimensions are in metres unless otherwise stated. Measurements to all lines are to be to the centre line. DO NOT SCALE from this drawing.
  - All levels are in metres above Ordnance Datum unless otherwise stated.
  - Prior to works commencing on site, a Joint Condition Survey is to be carried out between Hertfordshire County Council (HCC) and the Contractor to inspect the existing highway in advance, and report upon the existing condition.
  - Works are to be carried out in accordance with the CBC Typical Details for S278 works and their Specification for Highway Works. If there is any ambiguity between the Specification and the Drawings, the Contractor shall immediately inform the Engineer.
  - All Statutory services information is based upon C2 search undertaken by third parties. A full exploratory survey including trial pits of any existing Statutory services is to be undertaken prior to any works being undertaken on site.
  - Traffic management is to be in accordance with Chapter 8 of the Traffic Signs Manual and relevant codes of practice.
  - All lining and sign diagram numbers refer to the Traffic Signs Regulations & General Directions 2016.
  - Hot bitumen shall be applied to all saw cut surfaces.
  - Kerbs to be butt jointed. Where kerb alignments incur 'minor open joint gaps' in excess of 5mm between formed surfaces mortar jointing shall be used as directed by the Highways Inspector.
  - All PCC kerbs & edgings shall be to BS EN1340 & laid to BS 7533-4.
  - All kerbs & edgings bed and backing are to be concrete class ST4 well compacted. Unless otherwise stated this shall be a minimum bed thickness of 150mm.
  - The minimum length of any cut kerb shall be 450mm (half kerb).
  - The correct radius kerbs shall be used for all radii of 12m or less. For radii between 12m and 20m 600mm long straight units shall be used. Radius kerbs shall be used to form corners of laybys.
  - The correct transition kerbs shall be used for all drop kerb and upstand variation locations.
  - Full height kerb upstands shall be as per existing or 125mm as directed by HCC. At pedestrian crossings kerb upstand should be 0-6mm.
  - All bituminous materials are to be laid in accordance with BS 594:987. Special attention should be made to the requirement for bond coat between all bound layers and sealing of vertical faces including kerbs and ironwork in accordance with Clause 920 SHW.



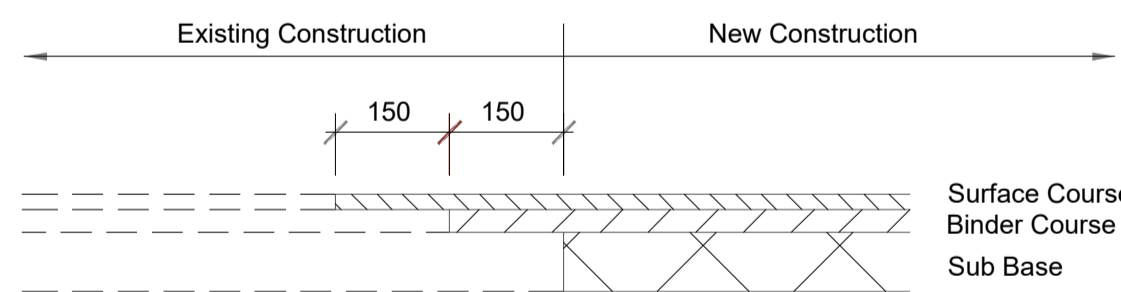
Pedestrian Crossing Cross Section



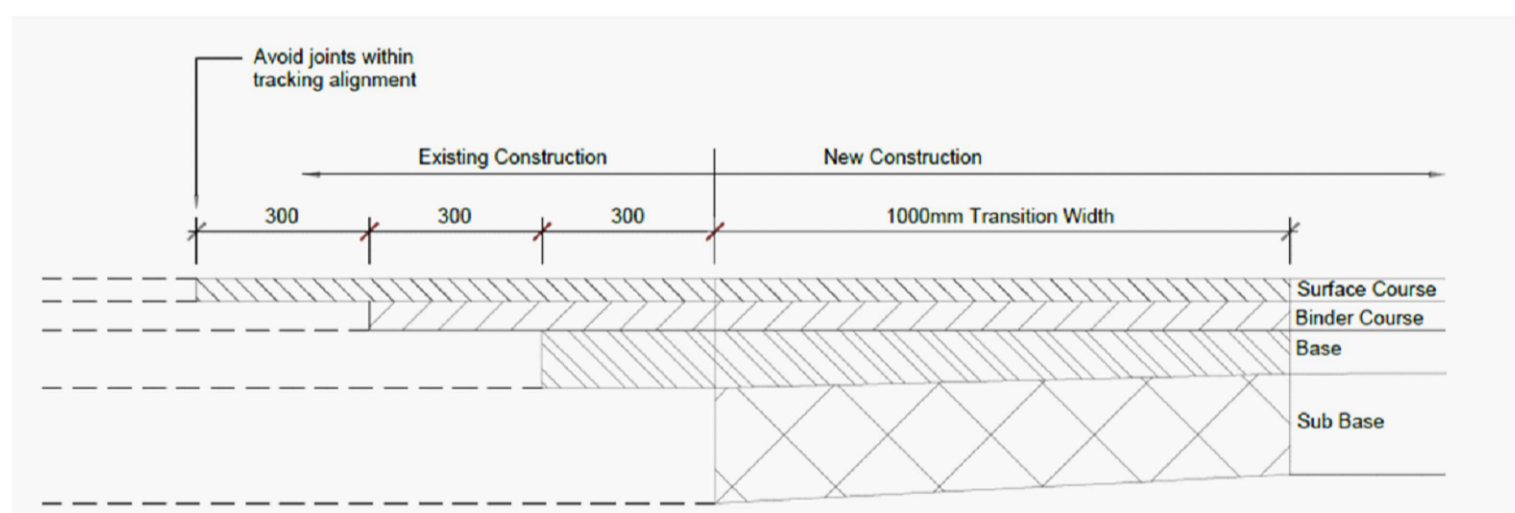
Dropped Kerb Detail - Conservation Kerbs  
Scale 1:10



Tactile Paving Cross Section  
Scale 1:10



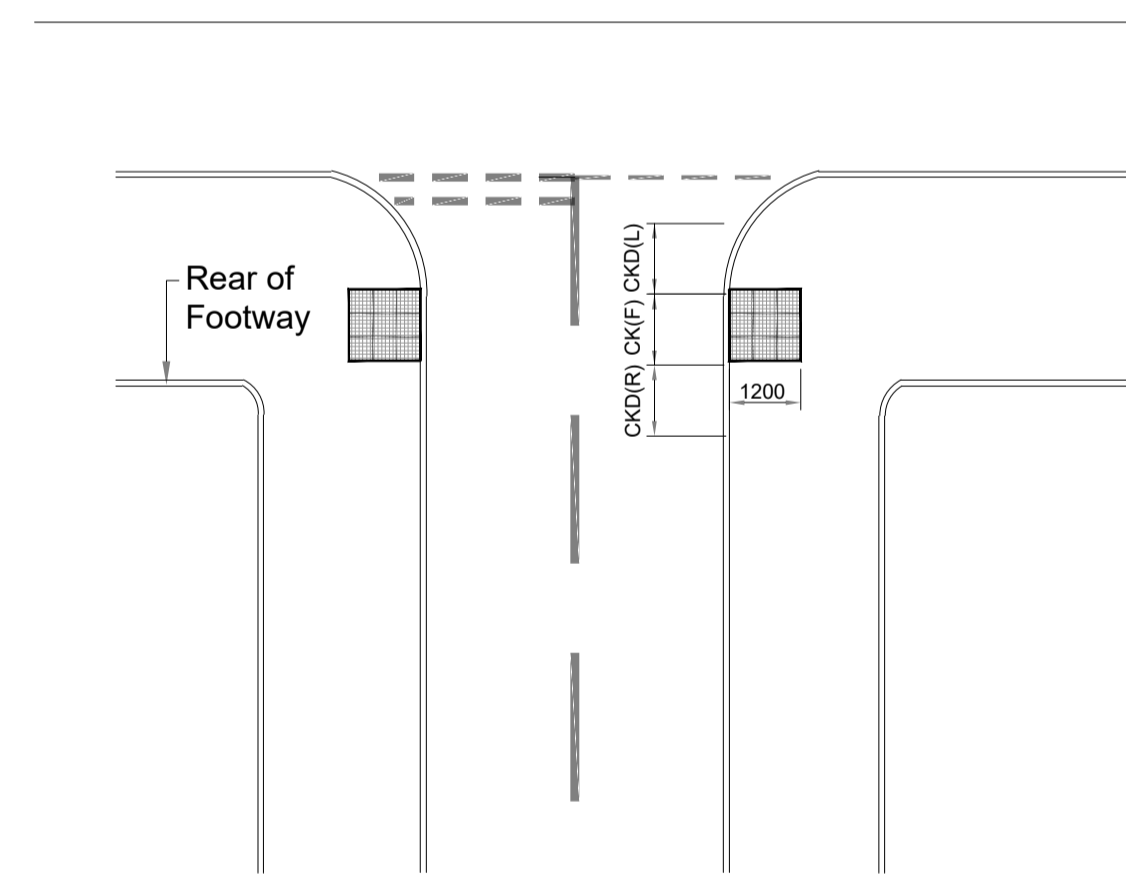
Footway Tie in Detail



Carriageway Tie in Detail  
Scale - 1:10

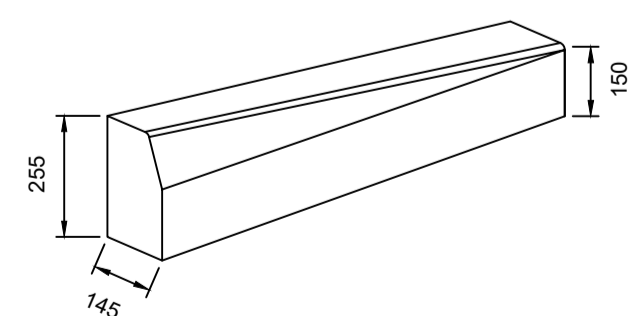
CBR	Minimum Capping Thickness	Minimum Sub-Base Thickness
Less than <2.5%	60mm	150mm
2.5 - 5.0%	-	350mm
5.0 - 15.0%	350mm	150mm
15.0 - 30.0%	-	225mm
Greater than >30.0%	-	150mm

Minimum Sub-grade and Capping Thickness - Table 1

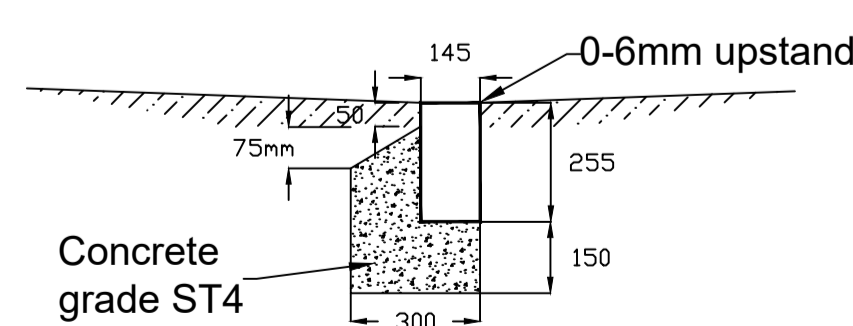


Typical In-Line Uncontrolled Pedestrian Crossing Tactile Paving Detail  
NTS

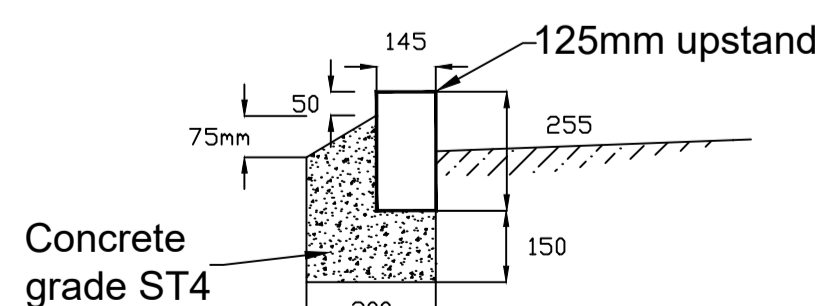
- \*Note:
- Tactile paving arrangement to be in accordance with DfT 'Guidance on the use of Tactile Paving Surfaces' 2002.
  - Crossing Places must be directly opposite.



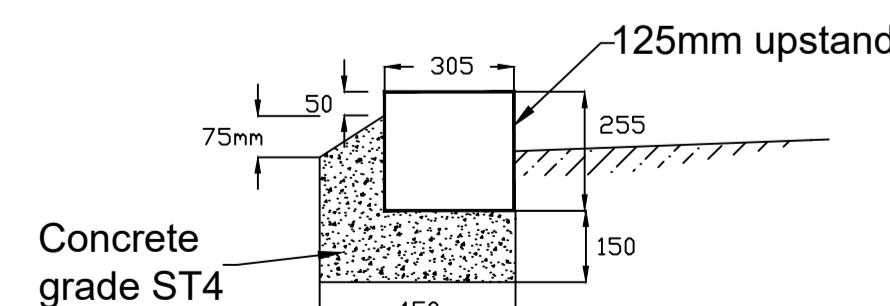
Conservation Kerb CKD(L/R) Transition  
145 x 255



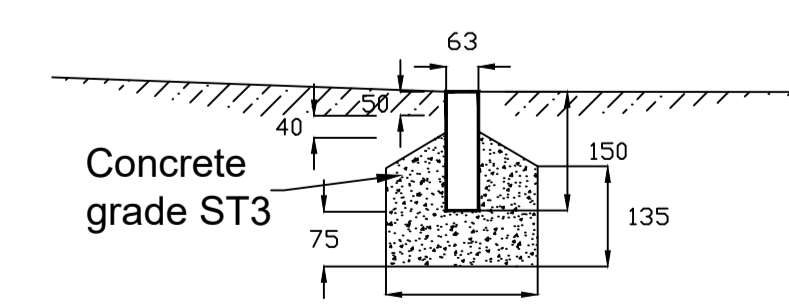
Conservation Kerb CK(F)  
145 x 255



Conservation Kerb CK1  
145 x 255



Conservation Kerb CKQ  
305 x 255



Conservation Kerb Edging CKE  
63 x 150

Rev	Date	Details	Drawn	Checked	Approved
E		Amended to HCC comments	TJP	-	TJP
D		Amended to HCC comments	TJP	-	TJP
C		Amended to HCC comments	TJP	-	TJP
B		Amended to HCC comments	TJP	-	TJP
A		Amended to HCC comments	TJP	-	TJP

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CLIENT: **Shell UK Ltd**

PROJECT:  
**SHELL  
WELWYN GARDEN CITY  
STANBOROUGH ROAD**

TITLE:  
**S278 PROPOSALS  
CONSTRUCTION DETAILS**

STATUS:  
**FOR APPROVAL**

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
NTS	28.6.22	TJP	-	TJP
JOB NO:	2109-023	DRAWING NO:	801	REVISION:
				E