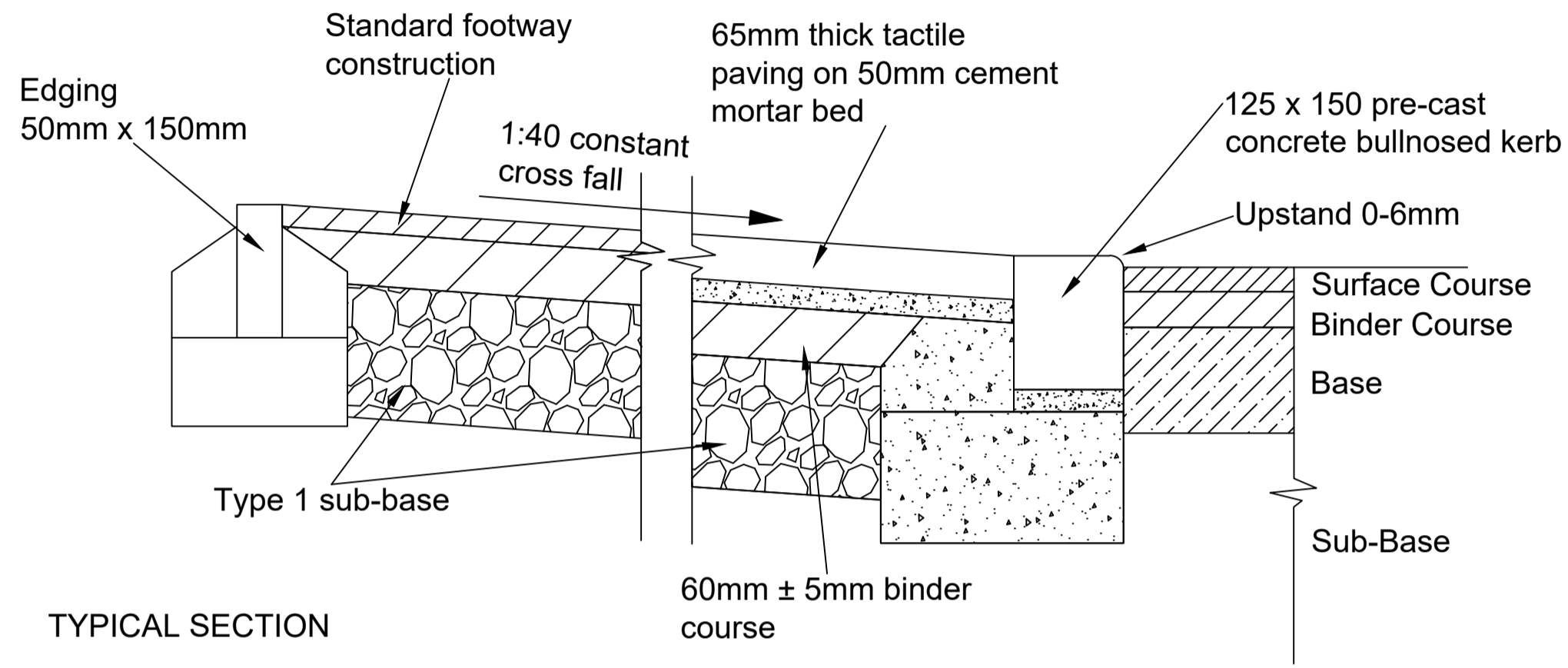
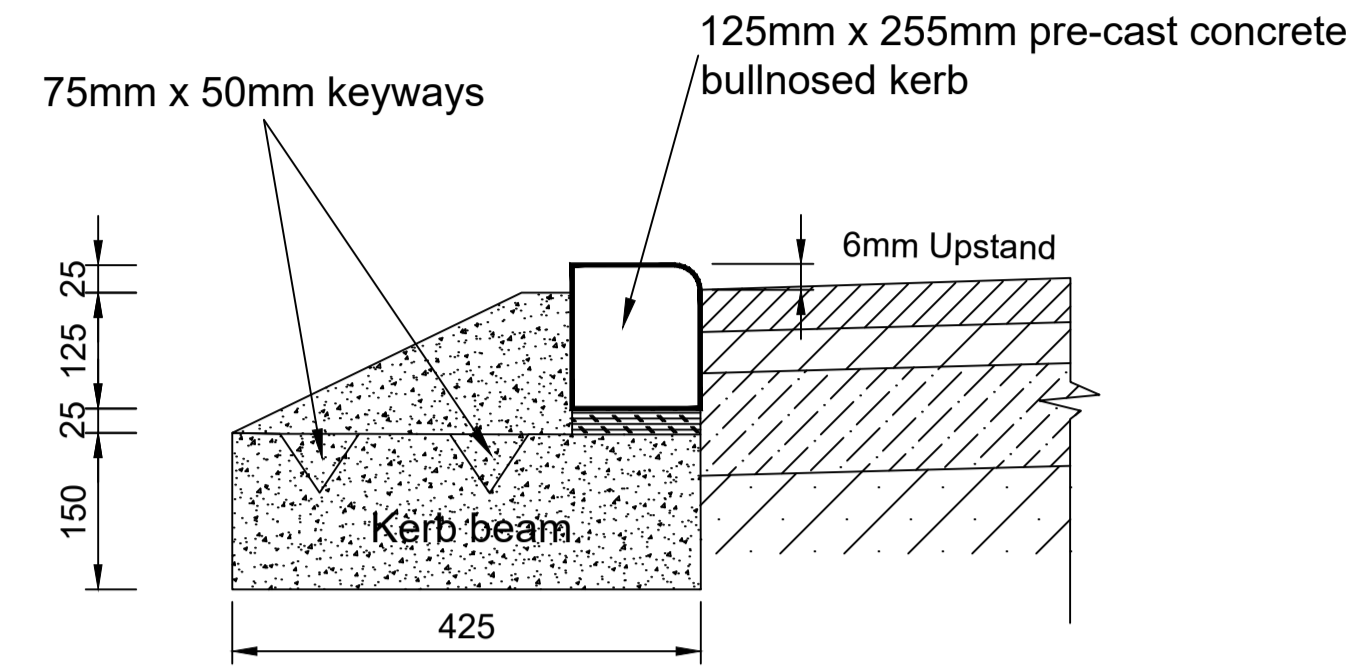


**UNCONTROLLED PEDESTRIAN CROSSING**

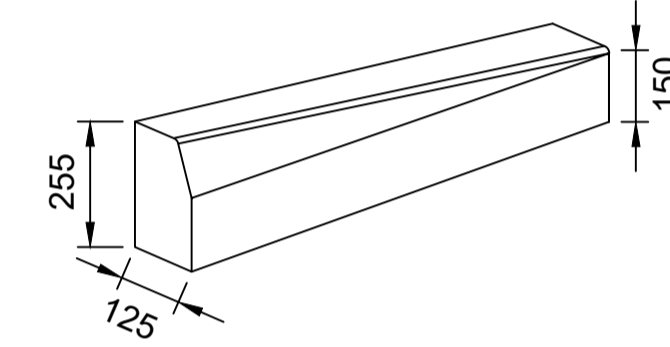


TYPICAL SECTION

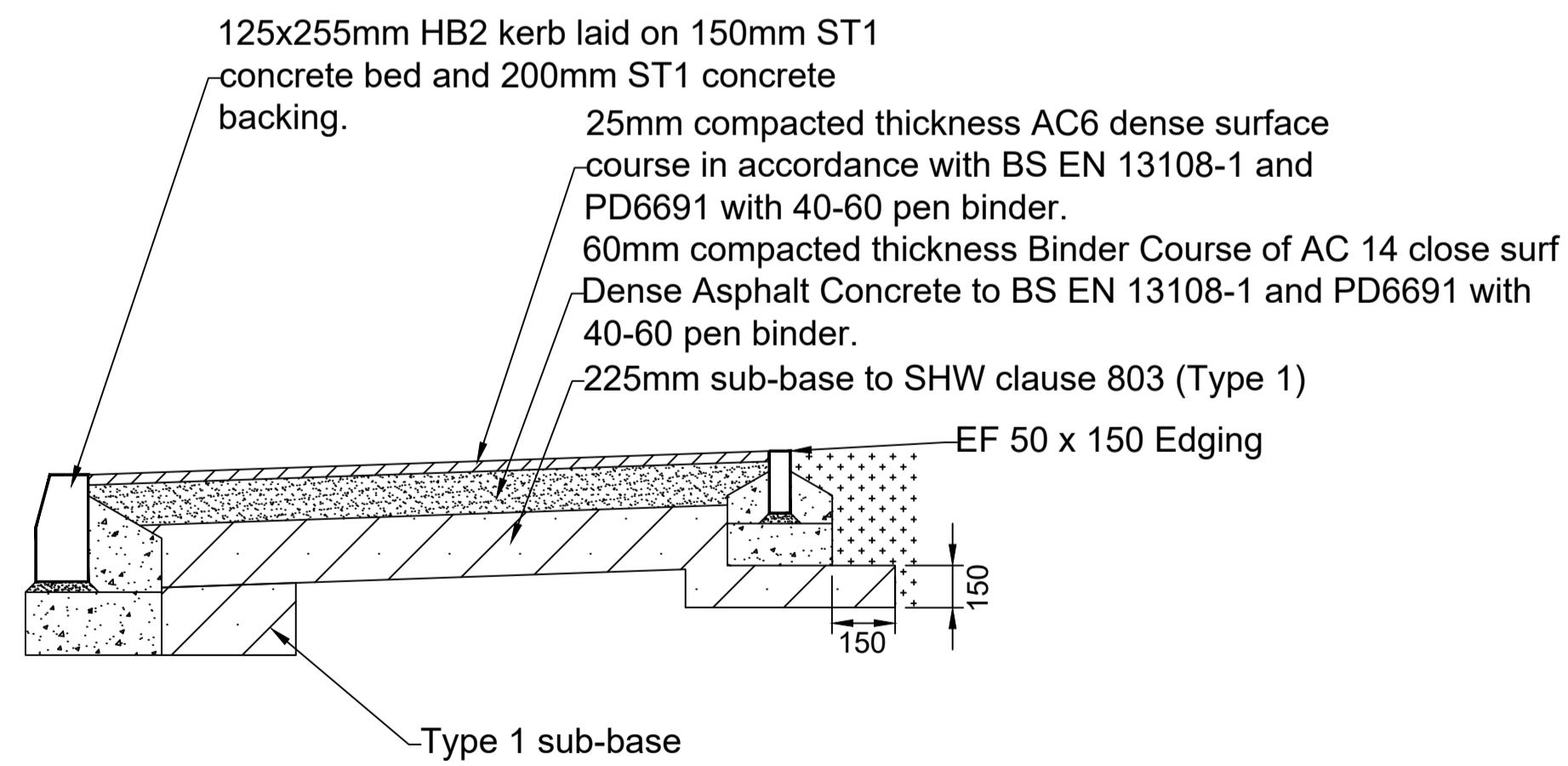
**TYPE BN KERB AS DROPPED KERB**



**BN 125x255 LH/RH-DK TRANSITION**



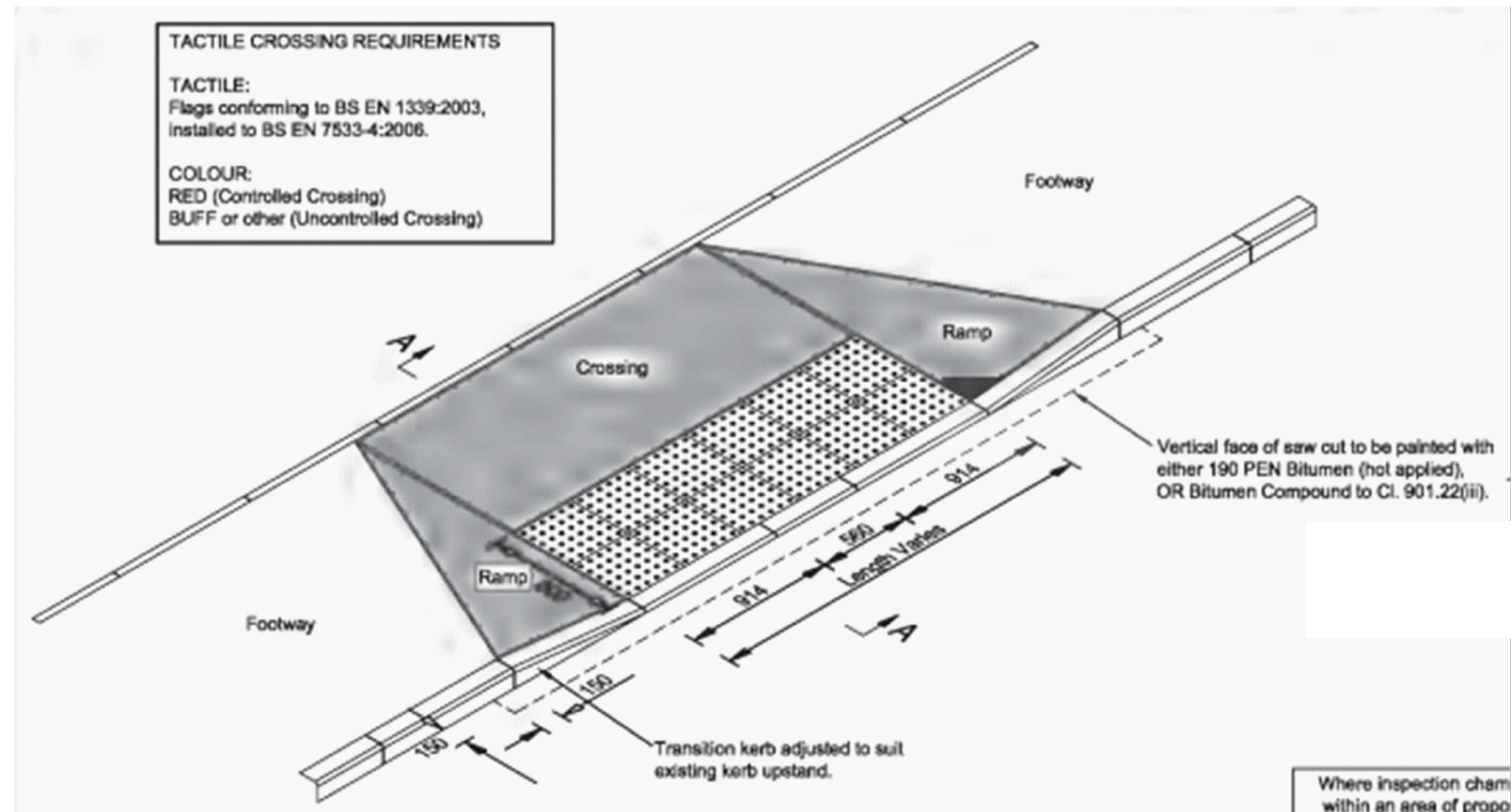
**TYPICAL FOOTWAY CROSS SECTION**



**TACTILE CROSSING REQUIREMENTS**

**TACTILE:**  
Flags conforming to BS EN 1339:2003,  
installed to BS EN 7533-4:2006.

**COLOUR:**  
RED (Controlled Crossing)  
BUFF or other (Uncontrolled Crossing)



**PEDESTRIAN CROSSING DETAIL**

- 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 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 tapers' 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 7533-6.
  - 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 5948:7. 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.

Rev	Date	Drawn	Checked	Approved

Bristol  
 Cambridge  
 London  
 Manchester  
 Oxford  
 Welwyn Garden City

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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:	DRAWING NO:	REVISION:		
2109-023	801	-		