

TARMACADAM FOOTWAY CONSTRUCTION

LAYER	SPECIFICATION	THICKNESS (mm)
SURFACE	CLOSE GRADED AC6, PEN 100/150.	25mm
BINDER	CLOSE GRADED AC20, PEN 40/60.	75mm
SUB BASE	TYPE 1 SUB-BASE MATERIAL TO CLAUSE 803, TABLE 8/2 OF SHW. MINIMUM CBR OF 2%. THICKNESS DEPENDANT UPON CBR TESTING.	CBR <2% - 225mm CBR >2.5% - 150mm

ALL FORMATIONS TO BE PROOF ROLLED IMMEDIATELY PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE FORMATION SHALL THEN BE PROTECTED FROM THE WEATHER DURING THIS PERIOD.

ALL THICKNESSES STATED ARE FINISHED COMPACTED THICKNESSES.

FOR FROST SUSCEPTIBLE SOILS MINIMUM CONSTRUCTION DEPTH IS 450MM. ADDITIONAL CAPPING LAYER IS TO BE LAID BELOW THE SUB-BASE TO ACHIEVE THE OVERALL CONSTRUCTION DEPTH OF 450MM.

BASE, SUB-BASE AND CAPPING LAYERS SHOULD BE COMPACTED IN ACCORDANCE WITH DTP "SPECIFICATION FOR HIGHWAY WORKS".

CARRIAGEWAY SUBBASE/CAPPING REQUIREMENTS

CBR (%)	SUBBASE ON CAPPING (mm)		SUBBASE ONLY (mm)
	SUBBASE	CAPPING	
<2.5%	GROUND STABILISATION		GROUND STABILISATION
2.6-2.9	250	420	420
3.0-3.9	230	380	370
4.0-4.9	220	330	320
5.0-5.9	200	250	270
6.0-9.9	180	240	260
10.0-11.9	150	200	220
12.0-14.9	150	180	220
≥ 15.0	150	150	220

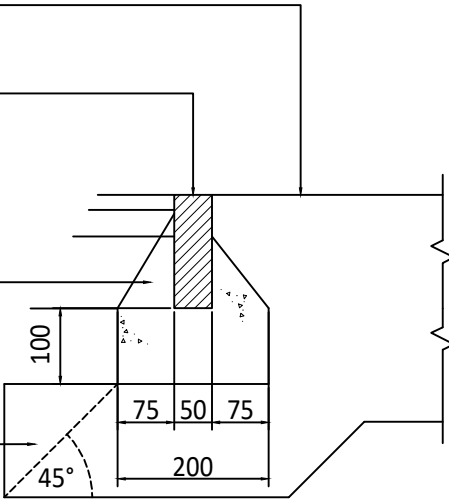
DATA IN TABLE HAS BEEN DERIVED FROM FIGURES 3.18 AND 3.20 OF CD 225 REV 1

FOOTWAY

50 x 150mm PRECAST CONCRETE EDGING TO BS EN 1340 SET FLUSH WITH FINISH OF SURFACING

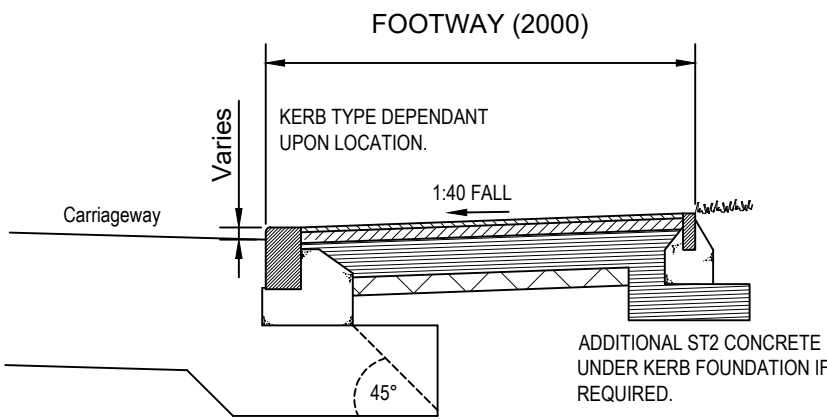
GRADE ST2 CONCRETE BED AND BACKING

150mm THICK TYPE 1 GRANULAR MATERIAL UNDER CONCRETE BED TO EXTEND 150mm BEYOND REAR EDGE OF HAUNCHING



PCC EDGING TYPE EF

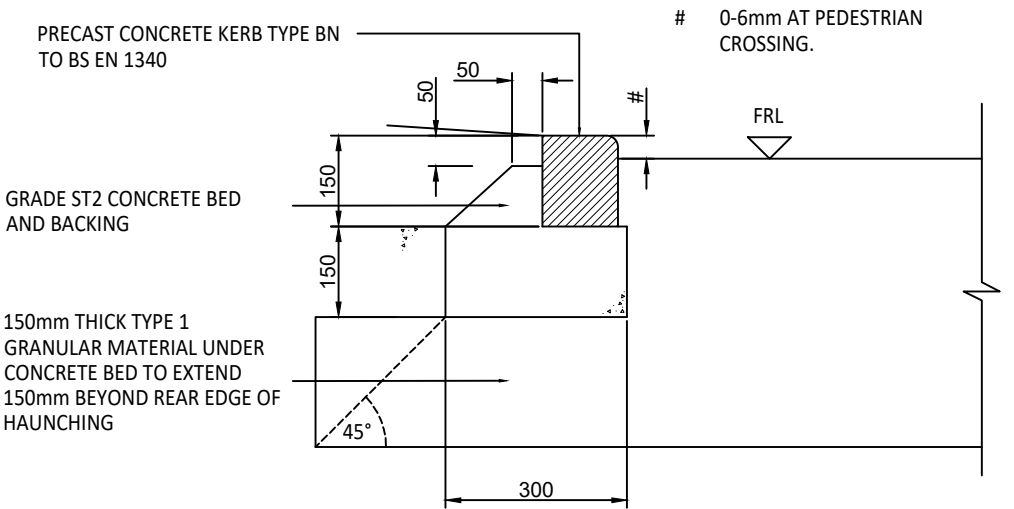
SCALE 1:10



TARMACADAM FOOTWAY/CYCLEWAY

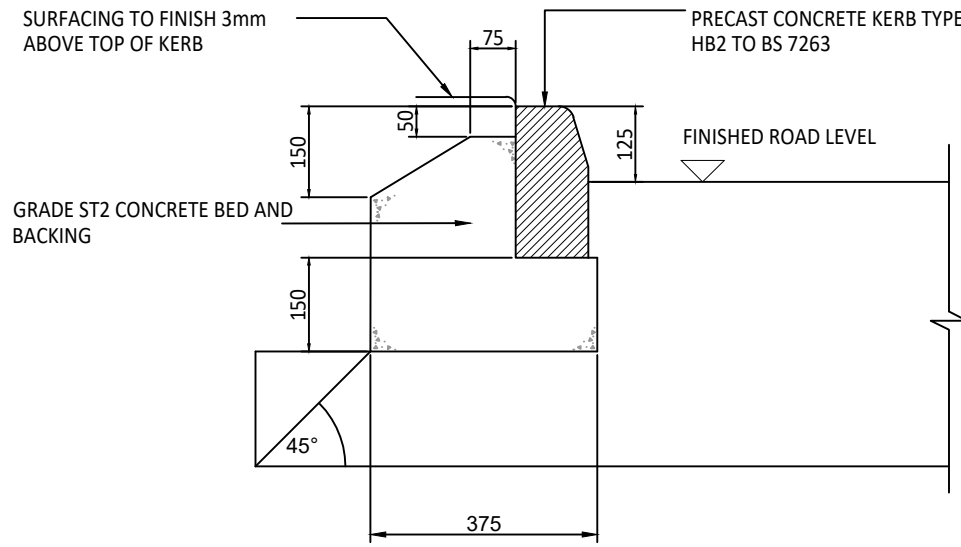
SEE TABLE FOR CONSTRUCTION DETAILS

SCALE 1:25



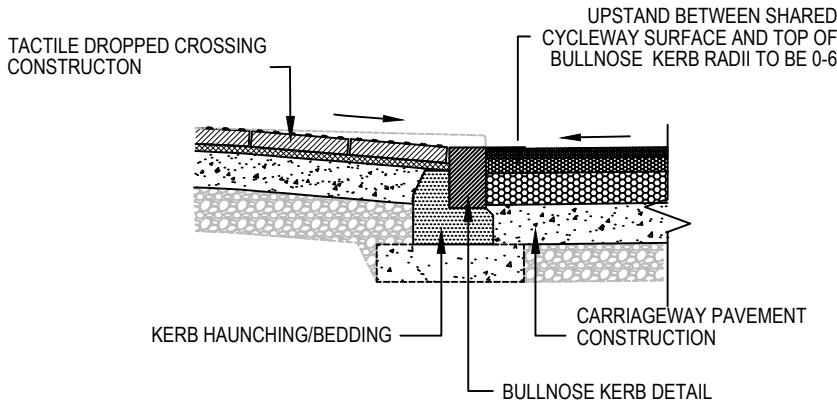
BULLNOSE KERB TYPE BN

SCALE 1:10



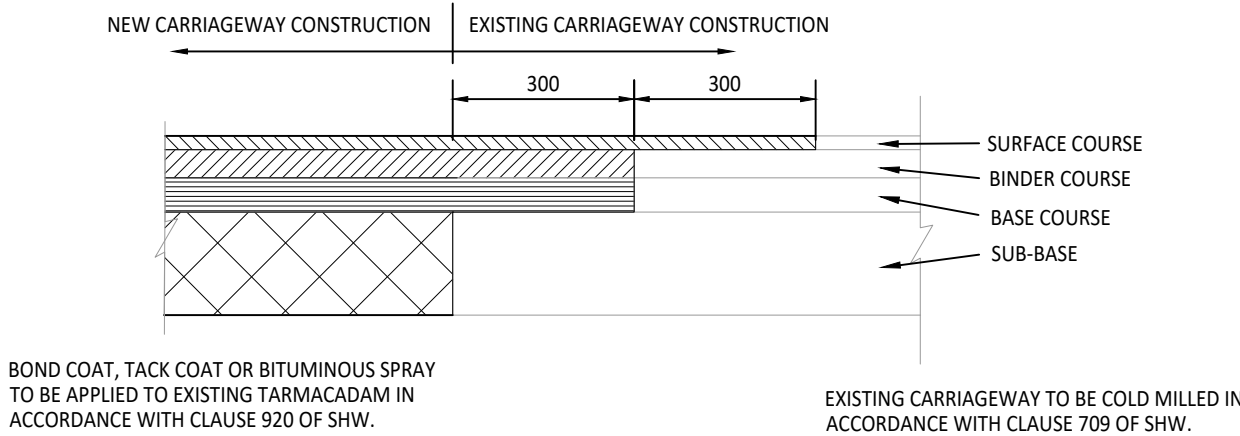
STANDARD KERB TYPE HB2

SCALE 1:10



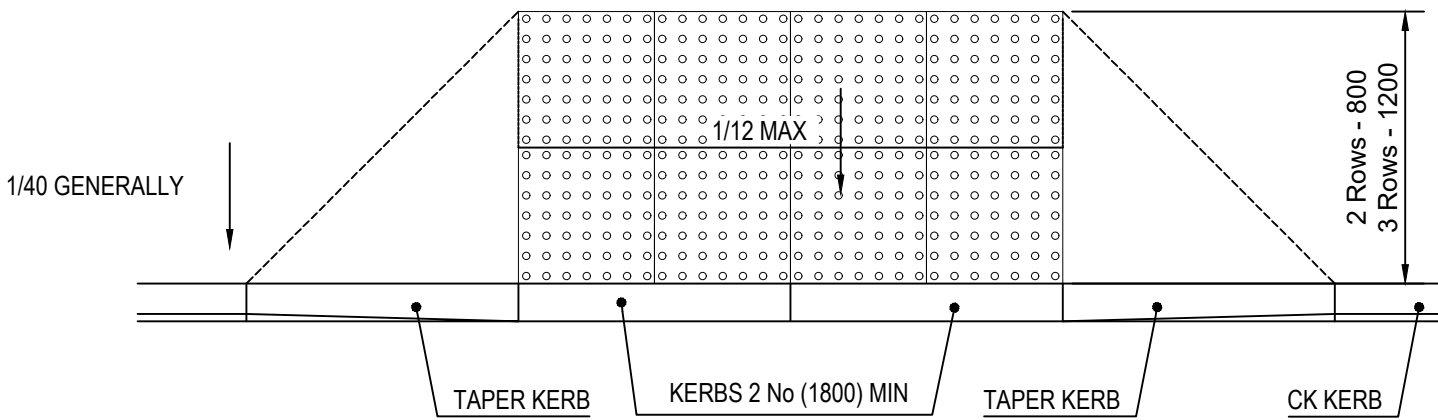
TACTILE PAVING PEDESTRIAN CROSSING

NOT TO SCALE



TIE IN TO EXISTING CARRIAGEWAY

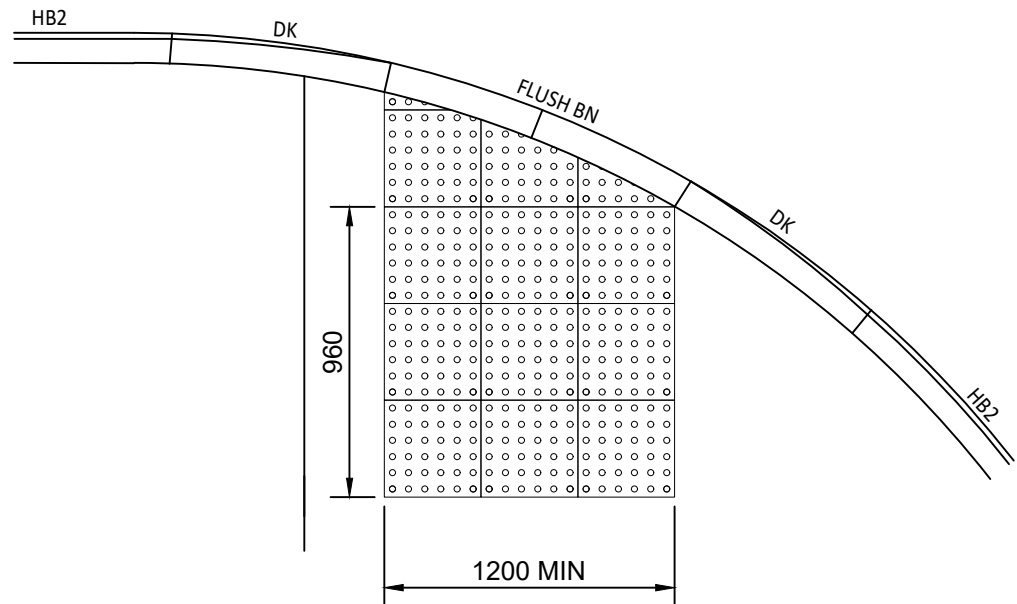
SCALE 1:25



TACTILE PAVING PEDESTRIAN CROSSING POINT

AWAY FROM JUNCTIONS

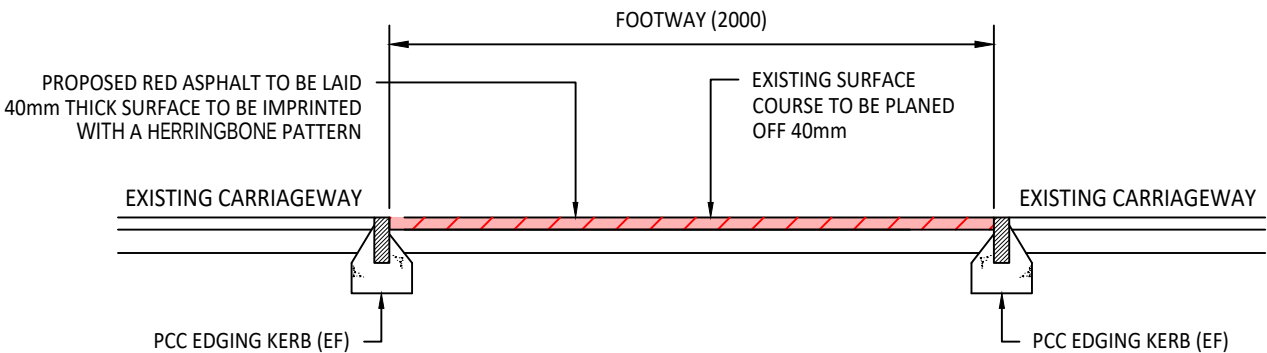
SCALE NTS



TACTILE PAVING PEDESTRIAN CROSSING AT

JUNCTION

SCALE 1:25



IMPRINTED COLOURED ASPHALT SURFACE

NOT TO SCALE

© ABLEY LETCHFORD PARTNERSHIP LTD.
This drawing should not be reproduced without consent.

Notes:

- Do not scale.
- This drawing is to be read in conjunction with and checked against all other drawings, Engineering details, Specification and any structural, Geotechnical or other specialist document provided.
- Any anomaly or contradiction between any of the above is to be reported to the Engineer.
- Assumed CBR of 3% is used for the construction details provided. Additional CBR in situ testing is required to verify the design before the works commence.
- WBC Highway Inspector to be present during inspections/CBR testing.

WOKINGHAM BOROUGH COUNCIL
STANDARD DETAIL REFERENCES

DRAWING NUMBER	DRAWING TITLE
WDS-HD-02	STANDARD DETAILS SHEET 2 OF 4

Rev	Date	Description	Drawn	Checked
C2	07.26	ADDED IMPRINTED COLOURED ASPHALT SURFACE DETAIL	CLL	RF
C1	03.26	CONSTRUCTION ISSUE FOLLOWING TECHNICAL APPROVAL BY WBC	RG	RF



www.ableyletchford.co.uk

Client:
**MILLER HOMES
KIER VENTURES**

Project:
**SOUTH WOKINGHAM
SECTION 278 WORKS**

Title:
**AREA D - WATERLOO ROAD
HIGHWAY CONSTRUCTION
DETAILS**

Status:
FOR CONSTRUCTION

Scale	Date	Drawn	Checked
N.T.S @ A2	MAR 2026	RG	RF
Drawing No	Revision		
A389-S278-D-09	C2		