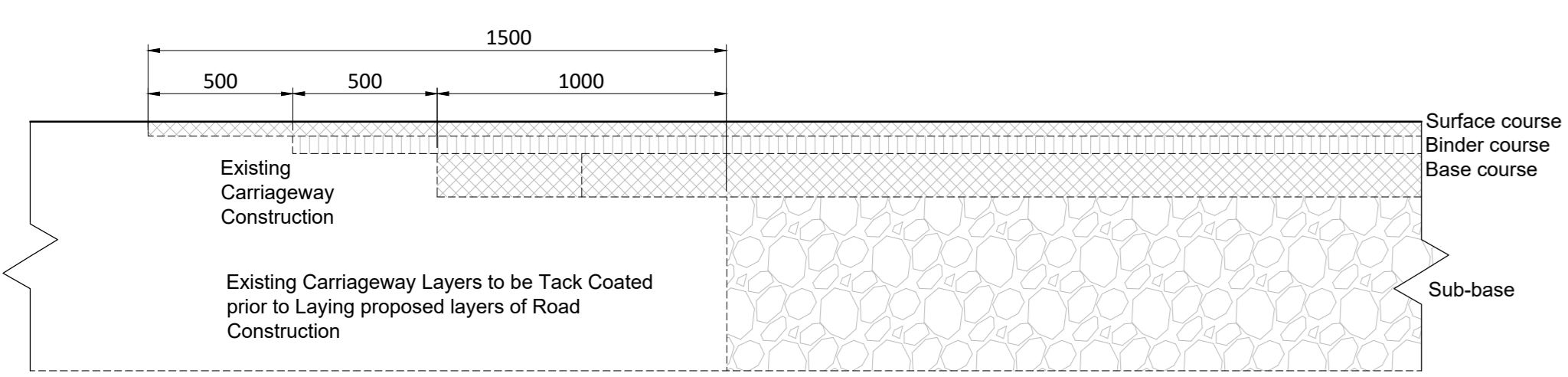
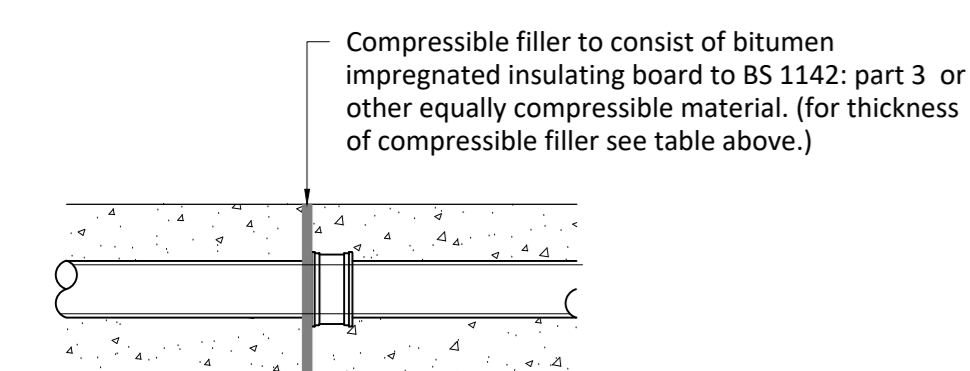


Typical Shared Surface Ramp Detail
Scale 1:20 - Ref: TR



Tie in Detail to Edge of Existing Carriageway
Scale 1:20

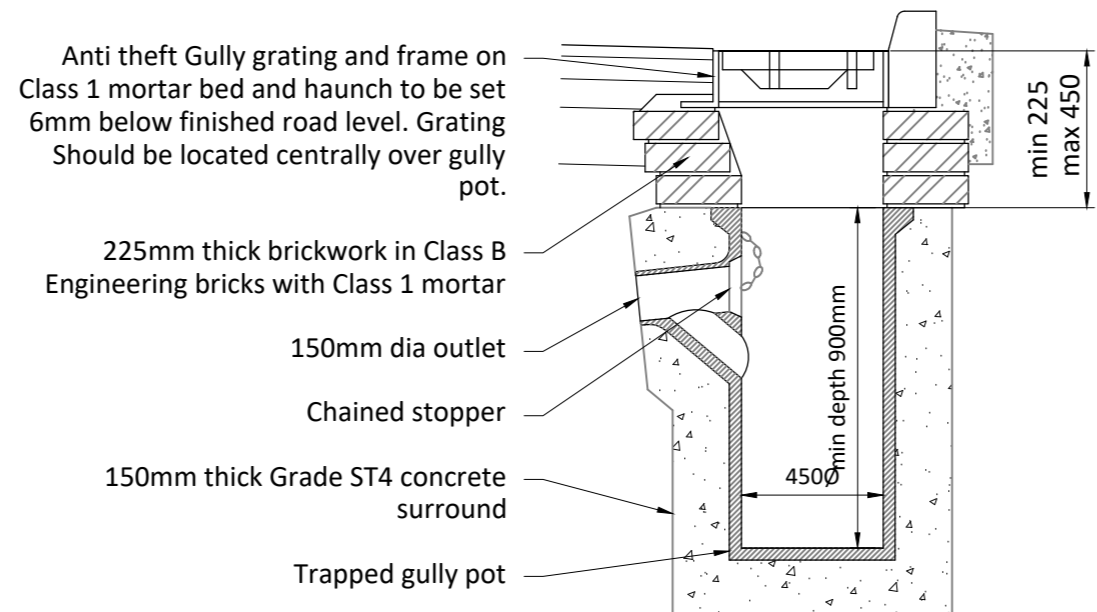


MOVEMENT JOINT TO CONCRETE PIPE SURROUND

NOMINAL DIA OF PIPE (mm)	THICKNESS OF COMPRESSIBLE FILLER (mm)
LESS THAN 450	18
450-1200	36
EXCEEDING 1200	54

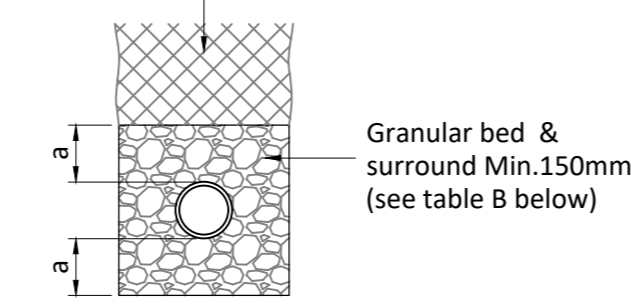
CONCRETE PIPE SURROUND DETAIL CLASS 'Z' BEDDING

Cover and frame to be class D400 in accordance with BS EN 124 and kitemarked. Pedestrianised gully grate to be used in Type 3 streets



Gully Detail

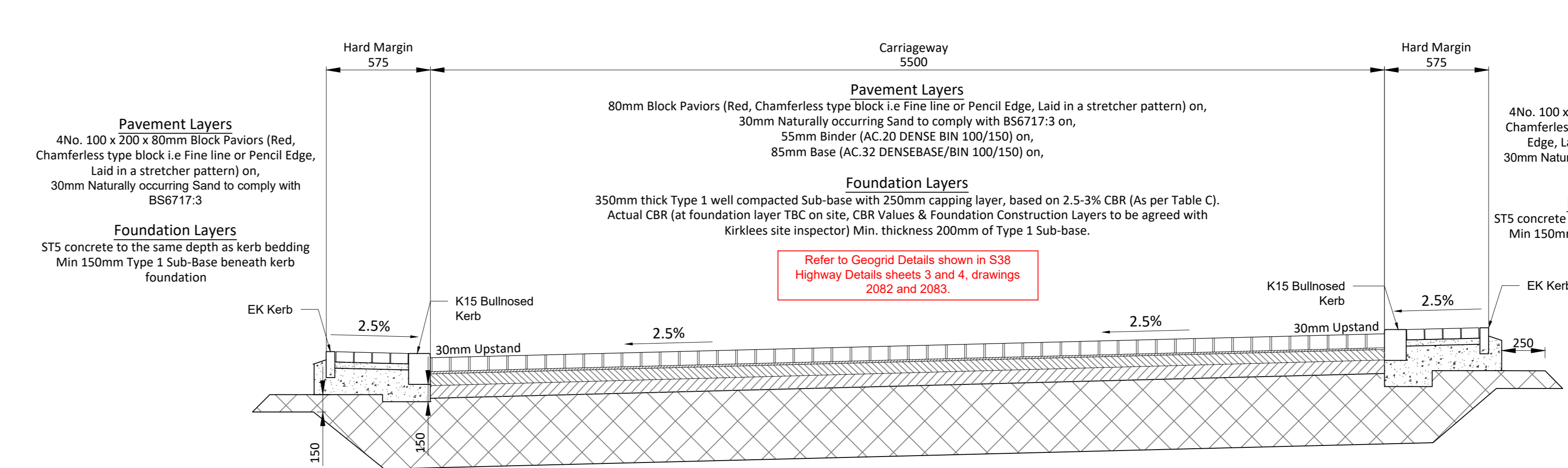
Backfill to comply with earthwork specification. Backfill to be approved selected material. Layer not to exceed 250mm thick. Specification to suit MCHW Vol 1 Series 600 (Earthworks)



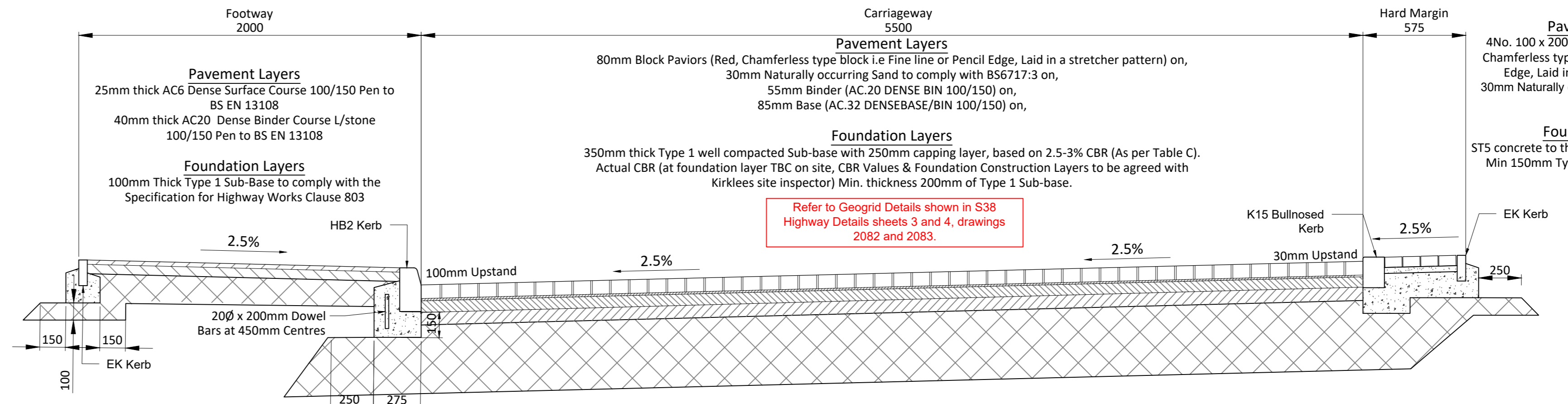
DIMENSION a - in rock or material containing hard spots sleeved jointed pipes - 150mm min. socketed pipes - 200mm min. elsewhere sleeved jointed pipes - 150mm min socketed pipes - 150mm min.

PIPE NOMINAL ROPE (DN)	MAX. PARTICLE SIZE (mm)	CLASS OF BEDDING	SUITABLE IMPORTED GRANULAR MATERIALS
100 dia	10	S	100mm NOMINAL SINGLE-SIZED OR 10mm TO 5mm GRADED
OVER 100 TO 150 dia	15	S	max 14mm NOMINAL SINGLE-SIZED OR 14mm TO 5mm GRADED
OVER 150 TO 600dia	20	S	max 20mm NOMINAL SINGLE-SIZED OR 20mm TO 5mm GRADED
OVER 600	40	S	max 40mm NOMINAL SINGLE-SIZED OR 40mm TO 5mm GRADED

TABLE B CLASS 'S' PIPE BEDDING DETAIL



Shared Surface Carriageway Section
Scale 1:20 - Type C - Crossfall



Shared Surface Carriageway Section
Scale 1:20 - Type C - Crossfall

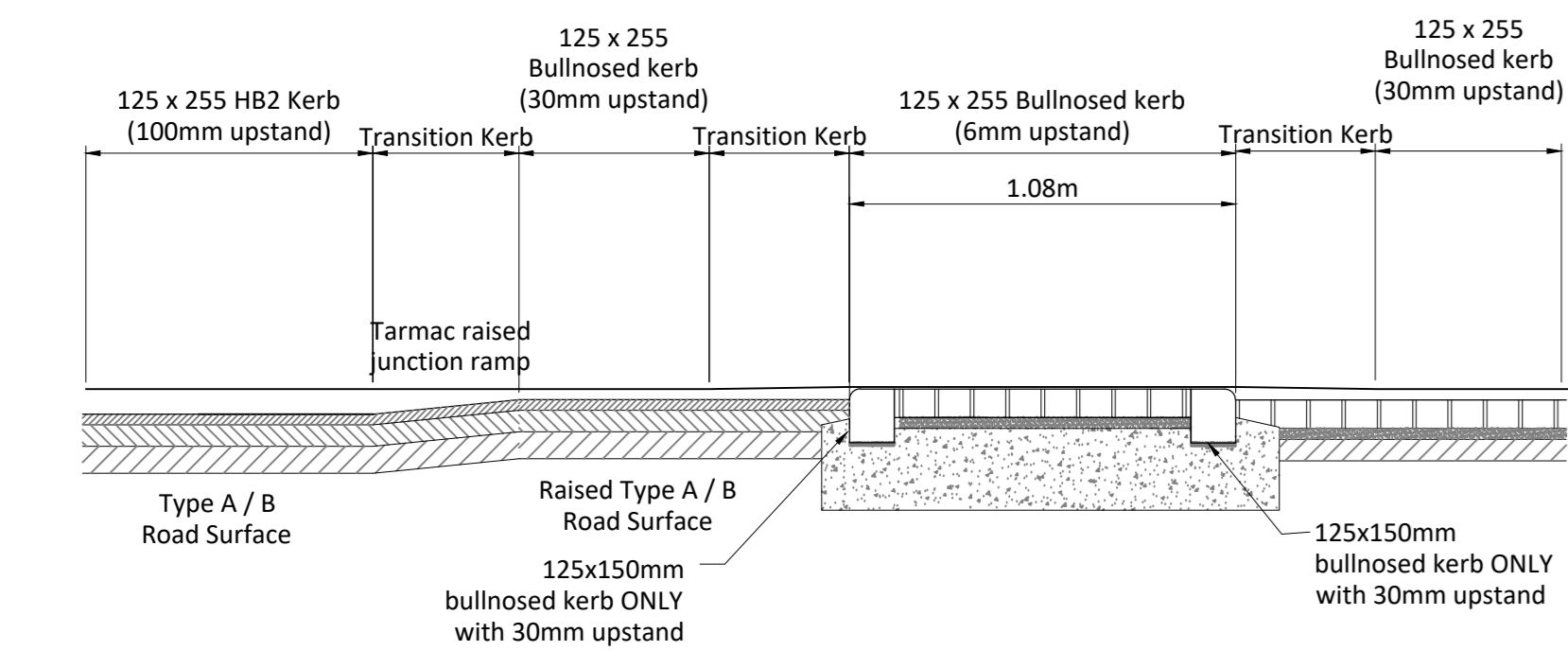
CBR %	Sub-base (mm)	Sub-base & Capping (mm)
15 <	200*	200* 150
5 - 15	330	240 210
4 - 5	370	270 230
3 - 4	420	320 240
2.5 - 3	450	350 250
> 2.5	Ground improvement required to improve sub grade CBR	

Note:

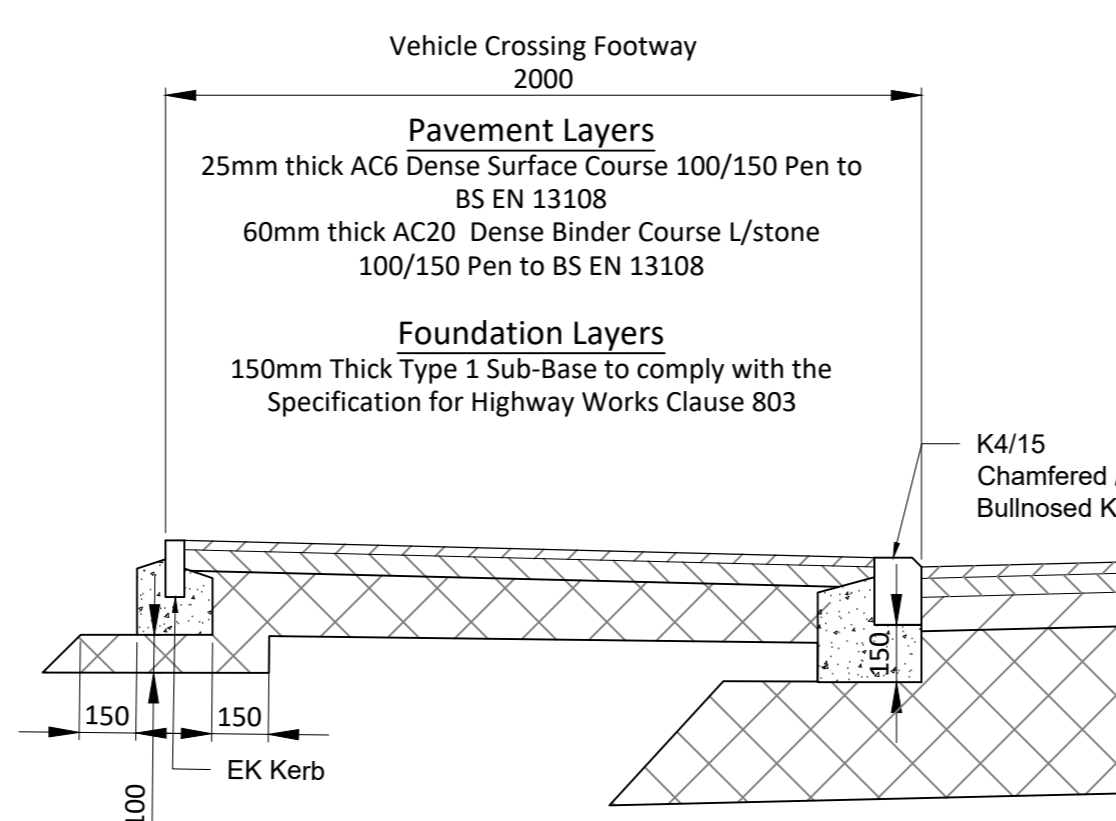
- Unless stated otherwise all dimensions are in millimeters
- For pavement foundation design there are two options: (i) Sub Base only (ii) Sub Base and Capping (iii) See adjacent pavement design for layer thickness.
- For pavement foundation design the total pavement construction build up from final design surface to the foundation, is to be 450mm in depth, such that the materials shall not be frost susceptible in accordance with (MCHW Vol 1 Series 801 Clause 7)

Note:

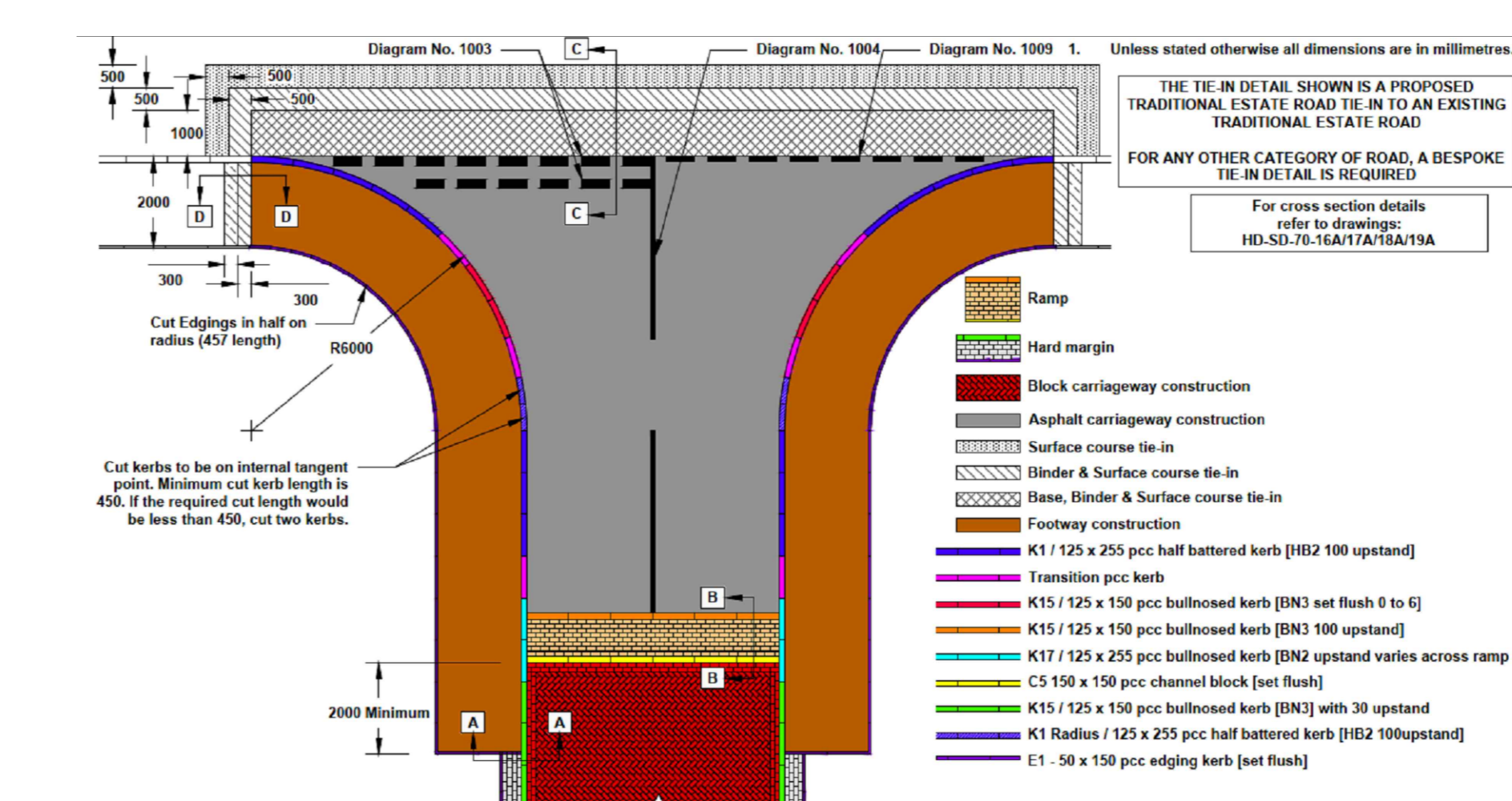
- Material Used in:
 - Sub-base Layers shall be Type 1 in compliance with the Specification for Highway Works (SHW)
 - Capping Layers shall be in compliance with the SHW Table 6/1
- Where "CBR / E" values between those in the above table are obtained through testing, the lower value in the shall be used for the purpose of design.
- Assumptions:
 - Class 2 Foundations
 - Sub-base only (thickness based on CD 225 Fig 3.18)
 - Sub-base & Capping Thickness, based on CD 225 Fig 3.20



Typical Shared Surface Transition Strip Detail
Scale 1:20



Typical Vehicle crossing footway Detail
Scale 1:20 - Ref: TR



Junction / Pavement and Kerb Layout with Tie-in Plan Detail
(NTS) - Ref: TR

For sections A-A and B-B Refer to Kirklees Council Standard Details drawings HD-SD-07-16A and HD-SD-07-17A

Do Not Scale
Drawing Notes
Residual Hazards
Health, Safety & Environmental Notes

26.09.25	Transition Strip detail added	AT	RP	P3
22.08.25	Geogrid details omitted. See drawings 2092 & 2093	WD	OCB	P2
07.02.25	Initial Issue	CRS	AT	P1

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Blackmoorfoot, Huddersfield

Title:
S38 Highway Details - Sheet 2 of 4

Client:
Countryside Partnerships

Scale: 1:20	Initial author: CRS	Initial checker: AT	Approver: RP	Initial Date: FEB 25
Status: S2	Purpose: Preliminary	Project Number: 08.24007	Rev:	

Project Originator/Functional Breakdown/Spatial Breakdown Form/Unique Number: 08.24007-ACE-00-ZZ-D-C-2081