

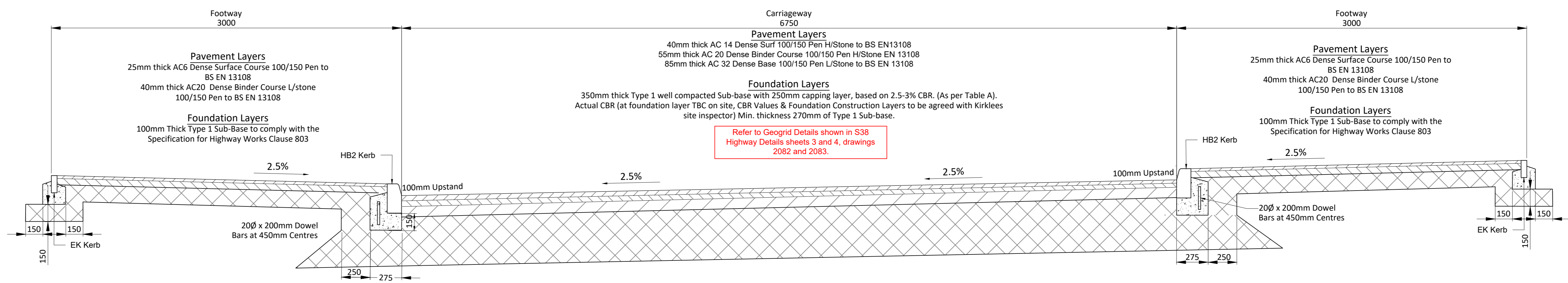
Table A (Type A Road)				
CBR %	Sub-base (mm)	Sub-base & Capping (mm)		
15 <	270*	270*	150	
5 - 15	330	270	210	
4 - 5	370	320	230	
3 - 4	420	320	240	
2.5 - 3	450	350	250	
> 2.5	Ground improvement required to improve sub grade CBR			
*Minimum required type 1 Sub-Base depth to achieve 450mm of non-frost susceptible material				

**Note:**

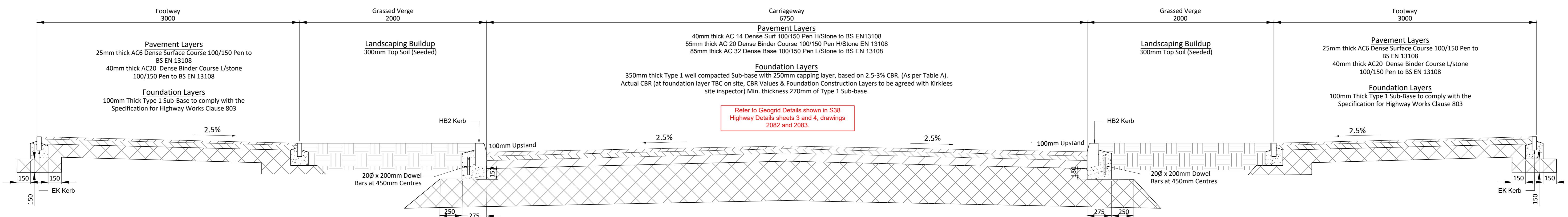
- Unless stated otherwise all dimensions are in millimeters
- For pavement foundation design there are two options:
  - Sub-Base only
  - Sub-Base and Capping
  - See adjacent pavement design for layer thickness.
- For pavement foundation design the total pavement construction build-up from final design 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 803 Clause 7)
- All made ground to be removed to a depth of 3m.
- All kerbs to be laid upon 10mm mortar bed.
- All K1 kerbs require dowel bars
- For kerb details refer to Kirklees Standard Details drawing No. HD/SD/11/01A,02A,03A,04A,05A.

**Note:**

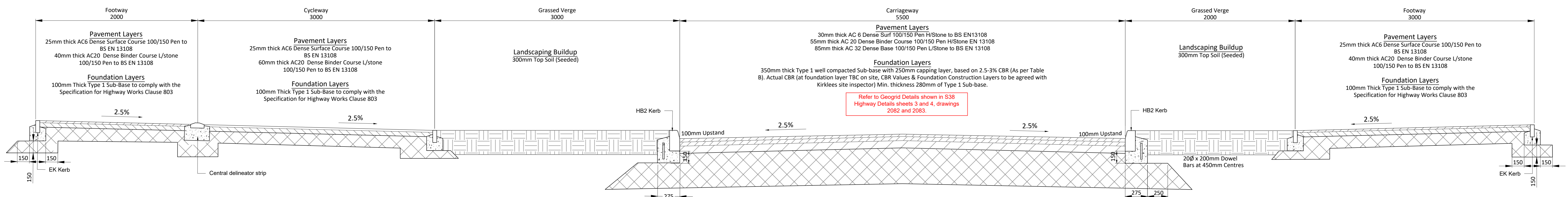
- Material Used in:
  - Sub-base Layers shall be Type 1 in compliance with the "Specification for Highways Works (SHW)"
  - Capping Layers shall be in compliance with the SHW Table 6/1
- Where "CBR" ("C" values between those in the above table are obtained through testing, the lower value in the shall 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



**Standard Carriageway Section**  
Scale 1:20 - Type A - Crossfall

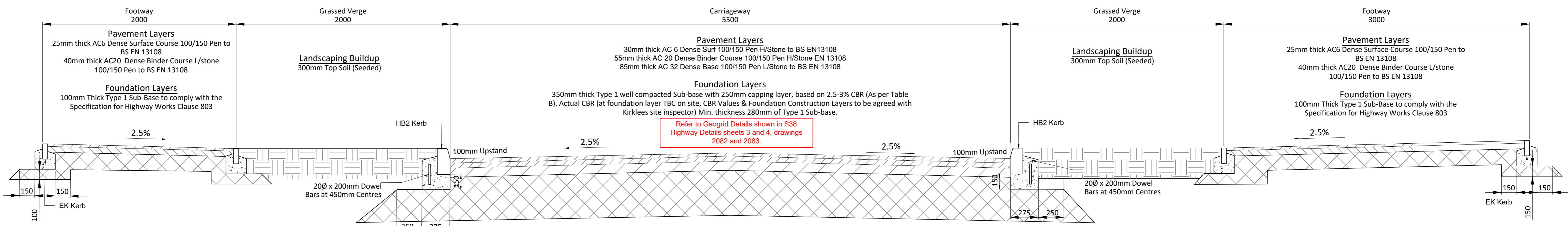


**Residential Connector Street Section**  
Scale 1:20 - Type A - Cambered



**Standard Carriageway Section**  
Scale 1:20 - Type B - Cambered

Table B (Type B Road)				
CBR %	Sub-base (mm)	Sub-base & Capping (mm)		
15 <	280*	280*	150	
5 - 15	330	280*	210	
4 - 5	370	280*	230	
3 - 4	420	320	240	
2.5 - 3	450	350	250	
> 2.5	Ground improvement required to improve sub grade CBR			
*Minimum required type 1 Sub-Base depth to achieve 450mm of non-frost susceptible material				



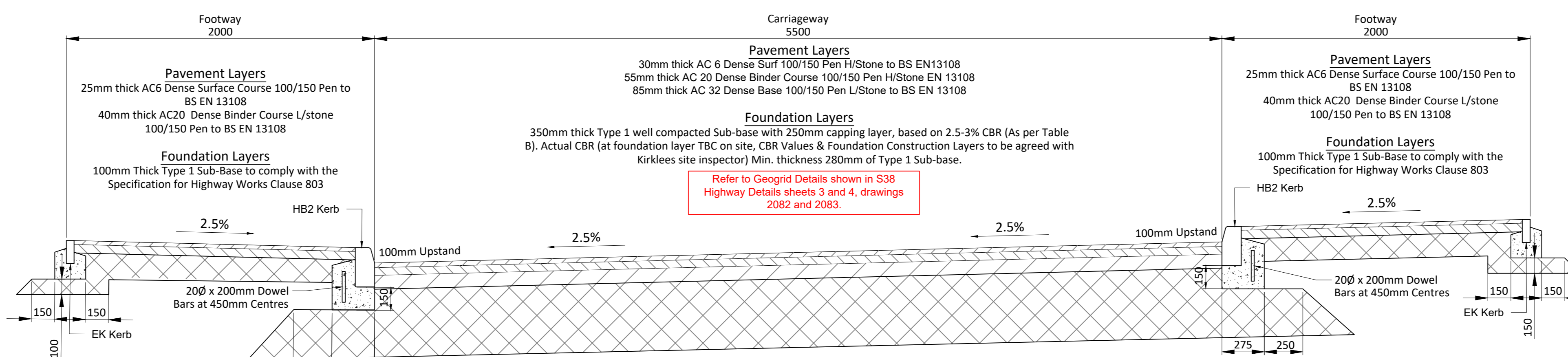
**Standard Carriageway Section**  
Scale 1:20 - Type B - Cambered

**Note:**

- Unless stated otherwise all dimensions are in millimeters
- For pavement foundation design there are two options:
  - Sub-Base only
  - Sub-Base and Capping
  - 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 803 Clause 7)
- All made ground to be removed to a depth of 3m.
- All kerbs to be laid upon 10mm mortar bed.
- All K1 kerbs require dowel bars
- For kerb details refer to Kirklees Standard Details drawing No. HD/SD/11/01A,02A,03A,04A,05A.

**Note:**

- Material Used in:
  - Sub-base Layers shall be Type 1 in compliance with the "Specification for Highways Works (SHW)"
  - Capping Layers shall be in compliance with the SHW Table 6/1
- Where "CBR" ("C" 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



**Standard Carriageway Section**  
Scale 1:20 - Type B - Crossfall

Do Not Scale  
Drawing Notes

Residual Hazards  
Health, Safety & Environmental Notes

28.09.25	Geogrid note amended	WD	AT	P2
07.02.25	Initial Issue	CRS	AT	P1
Date	Description	By	Chk	Rev

**ADEPT**  
CIVIL AND STRUCTURAL CONSULTING ENGINEERS  
Web: www.adeptco.com  
Email: info@adeptco.com  
Tel: 0113 279 4538  
Office Address: 1912 Mill, Salford Bank Mills, Farsley, Leeds LS28 5JJ

Project: **Blackmoorfoot, Huddersfield**

Title: **S38 Highway Details - Sheet 1 of 4**

Client: **Countryside Partnerships**

Scale: # A0	Initial author: CRS	Initial checker: AT	Approver: RP	Initial Date: FEB 25
Status: S2	Purpose: Preliminary	Adept Project Number: 08.24007		Rev:
Project Originator/Functional Breakdown/Spatial Breakdown/Form/Description Number: 08.24007-ACE-00-ZZ-D-C-2080				P2