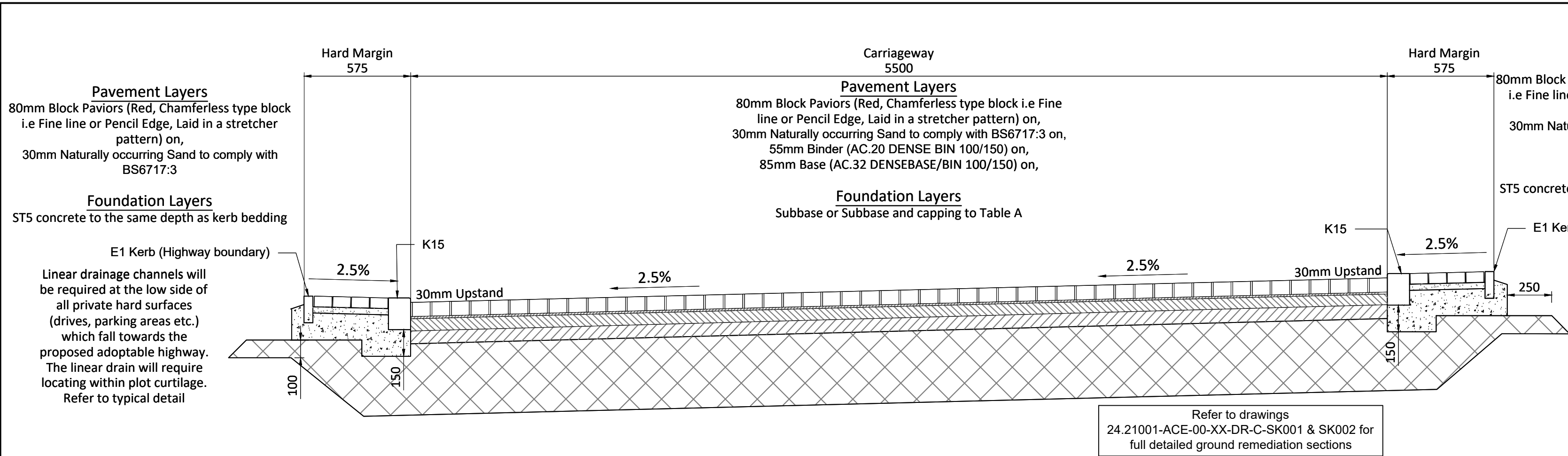
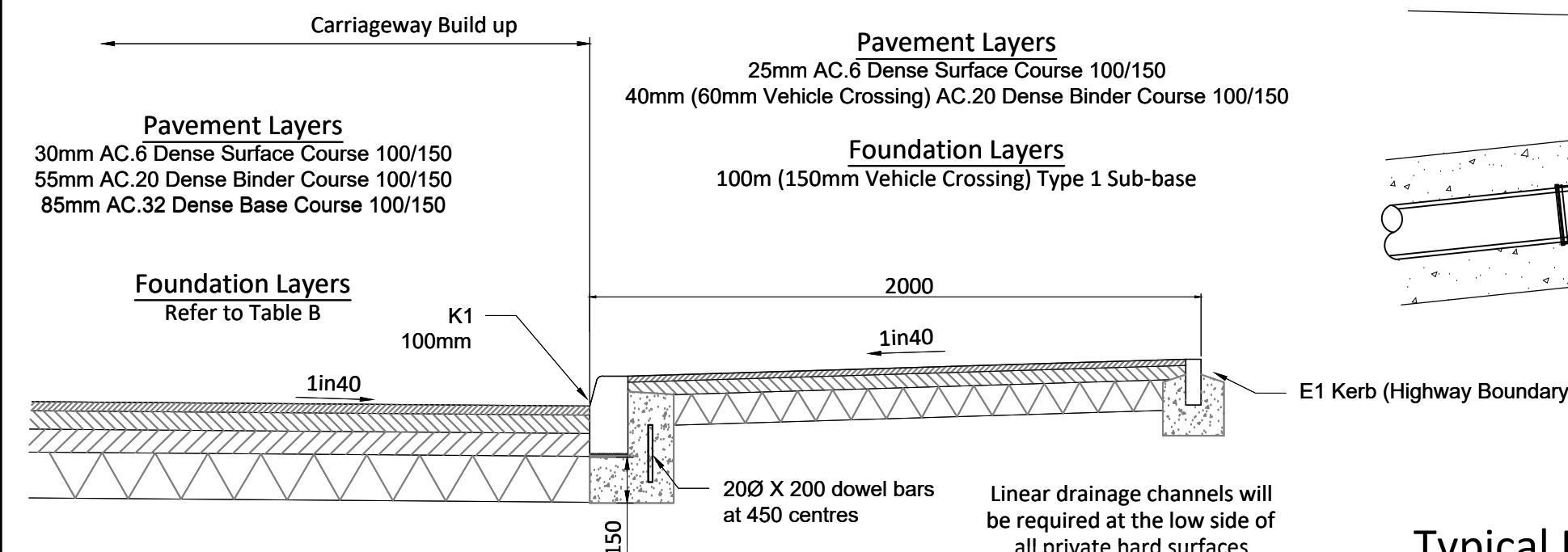




Shared Surface Carriageway Section

Scale 1:20 - Type 4 - Crossfall



Typical Footpath / Vehicle Crossing Section & Carriageway Build Up

Scale 1:20

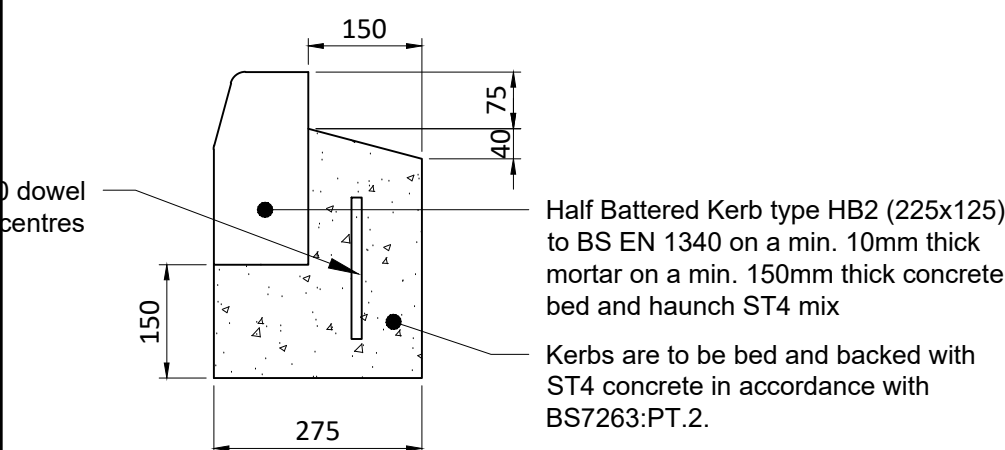
TABLE A - PAVEMENT FOUNDATION DESIGN SHARED SURFACE STREET (TYPE C) / MEWS COURT (BLOCK PAVED)									
CBR %		< 2.5	2.5 TO 3.0	3.0 TO 4.0	4.0 TO 5.0	5.0 TO 15.0	> 15.0		
SUB BASE ONLY	SUB BASE (TYPE 1) DEPTH	GROUND REMEDiation REQUIRED TO IMPROVE SUB GRADE CBR	450	420	370	330	200*		
OR			OR						
SUB BASE ON CAPPING	SUB BASE (TYPE 1) DEPTH		250	240	230	210	200*		
	CAPPING DEPTH		350	320	270	240	150		
			*MINIMUM REQUIRED TYPE 1 SUB BASE DEPTH TO ACHIEVE 450MM OF NON-FROST SUSCEPTIBLE MATERIAL						

Note:

- Unless stated otherwise all dimensions are in mm
- For pavement foundation design their are two options:
 - Sub base only
 - Sub base and capping
 - See table A for layer thickness
- For pavement foundation design the total pavement construction build up from final design surface to foundation is to be 450mm in depth such that the materials shall not be frost susceptible
- All made ground to be removed to a depth of 3m
- All kerbs to be laid upon 10mm mortar bed

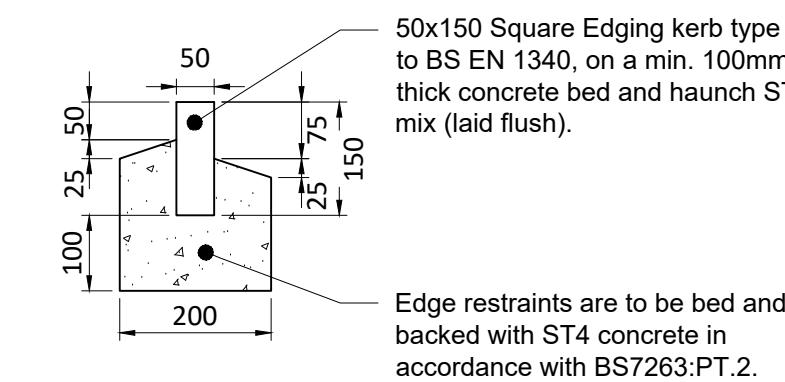
All K1 kerbs require dowel bars

TABLE B - PAVEMENT FOUNDATION DESIGN LOCATION RESIDENTIAL STREET / TRADITIONAL ESTATE ROAD (TYPE B)									
CBR %		< 2.5	2.5 TO 3.0	3.0 TO 4.0	4.0 TO 5.0	5.0 TO 15.0	> 15.0		
SUB BASE ONLY	SUB BASE (TYPE 1) DEPTH	GROUND REMEDIATION REQUIRED TO IMPROVE SUB GRADE CBR	450	420	370	330	280*		
OR			OR						
SUB BASE ON CAPPING	SUB BASE (TYPE 1) DEPTH		280*	280*	280*	280*	280*		
	CAPPING DEPTH		350	320	270	240	150		
			*MINIMUM REQUIRED TYPE 1 SUB BASE DEPTH TO ACHIEVE 450MM OF NON-FROST SUSCEPTIBLE MATERIAL						



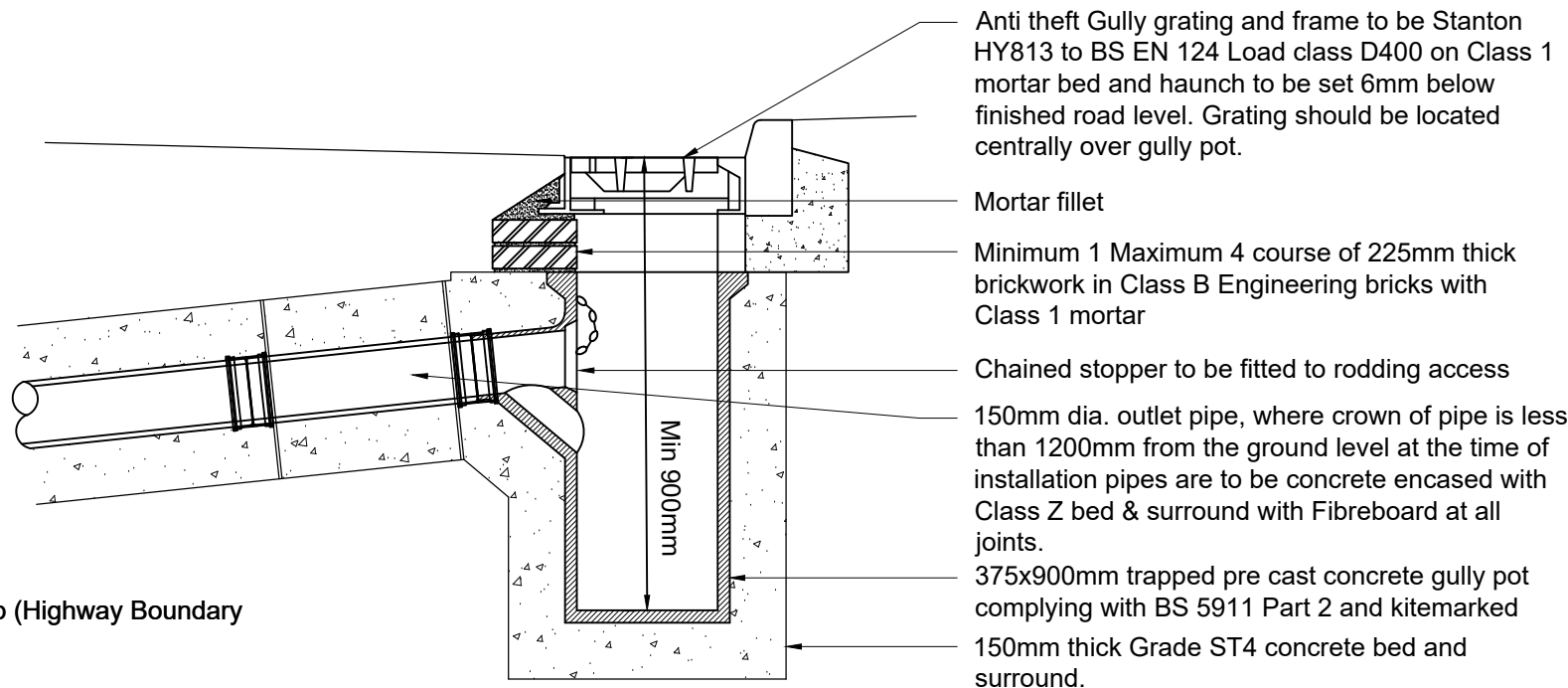
Half Battered Kerb Detail

Scale 1:10 - Ref: K1 100mm Upstand



Edging Kerb (Flat Top) Detail

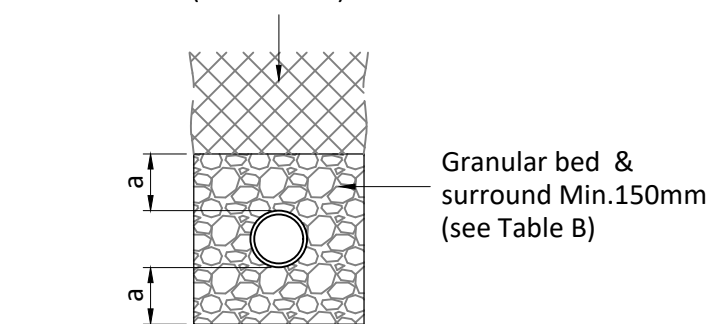
Scale 1:10 - Ref: E1 0mm Upstand



Typical Road Gully Detail

Scale 1:20

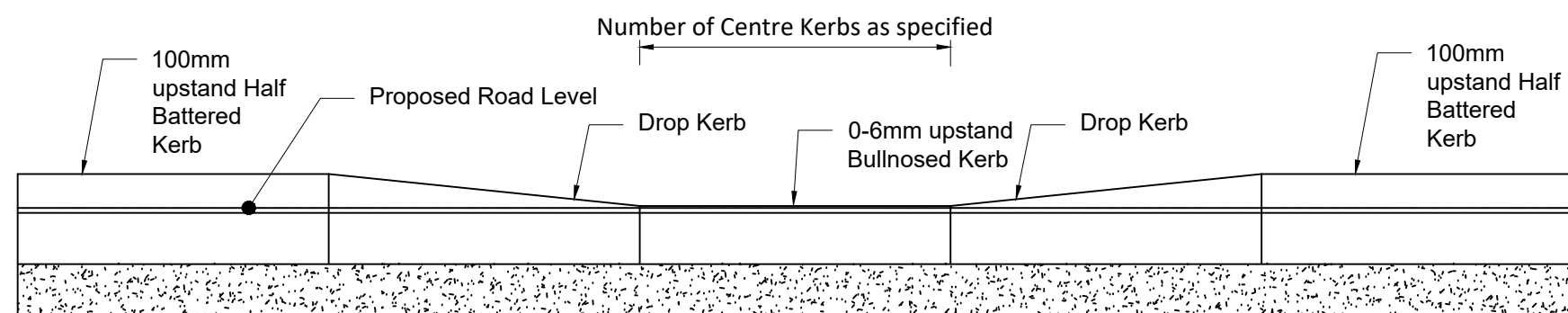
Backfill to be Type 2 sub-base material in layers maximum 225mm thickness. Specification to suit MCHW Vol 1 Series 600 (Earthworks)



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.

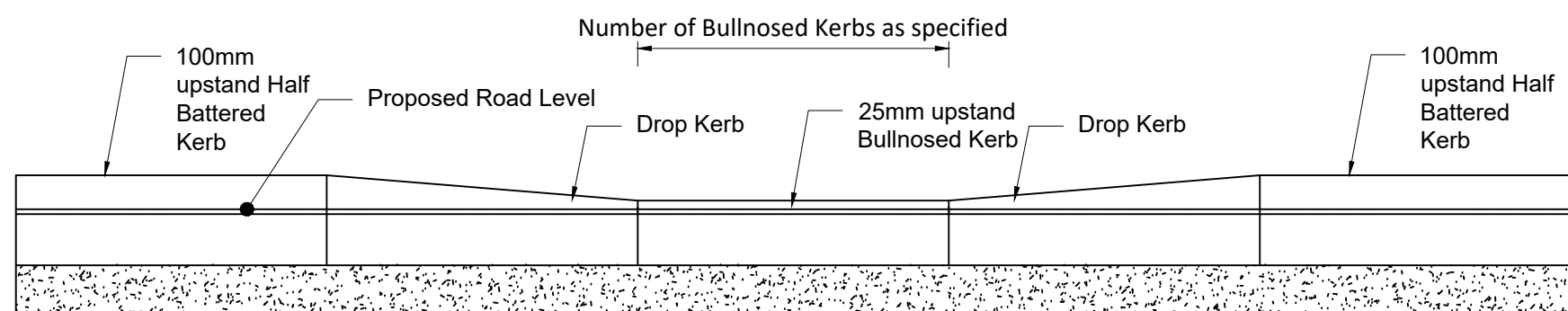
Class S Detail

Scale 1:20



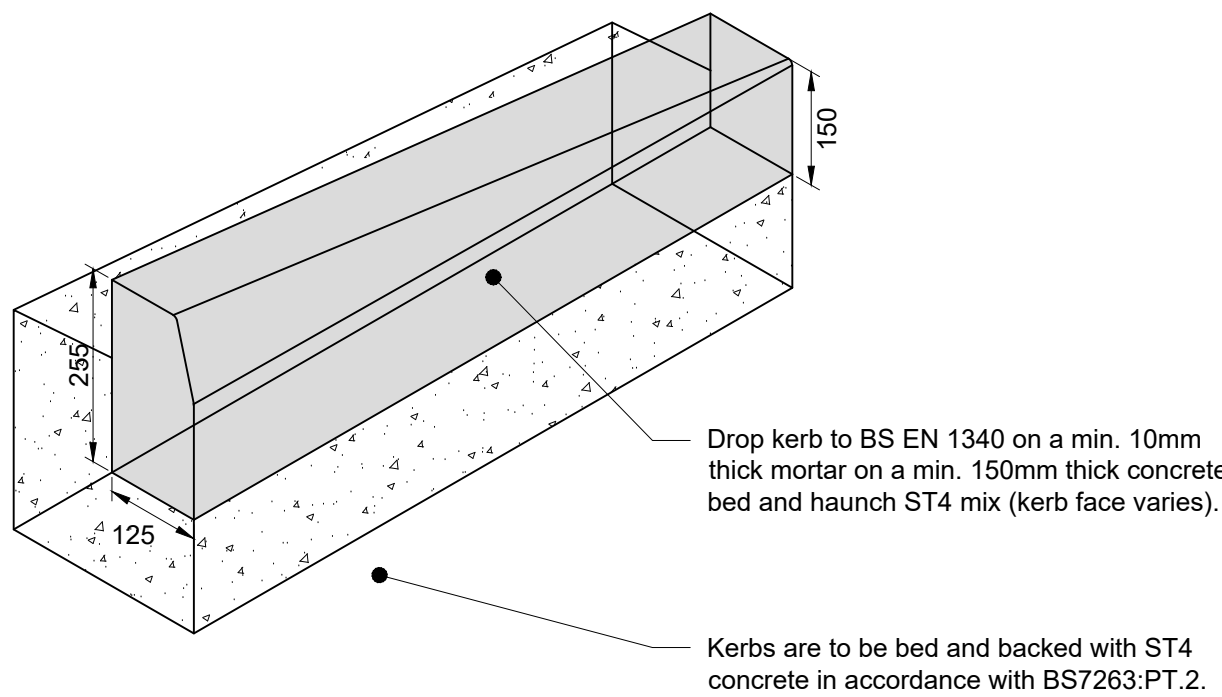
Typical Dropped Crossing Section

Scale 1:20 - Ref: DC



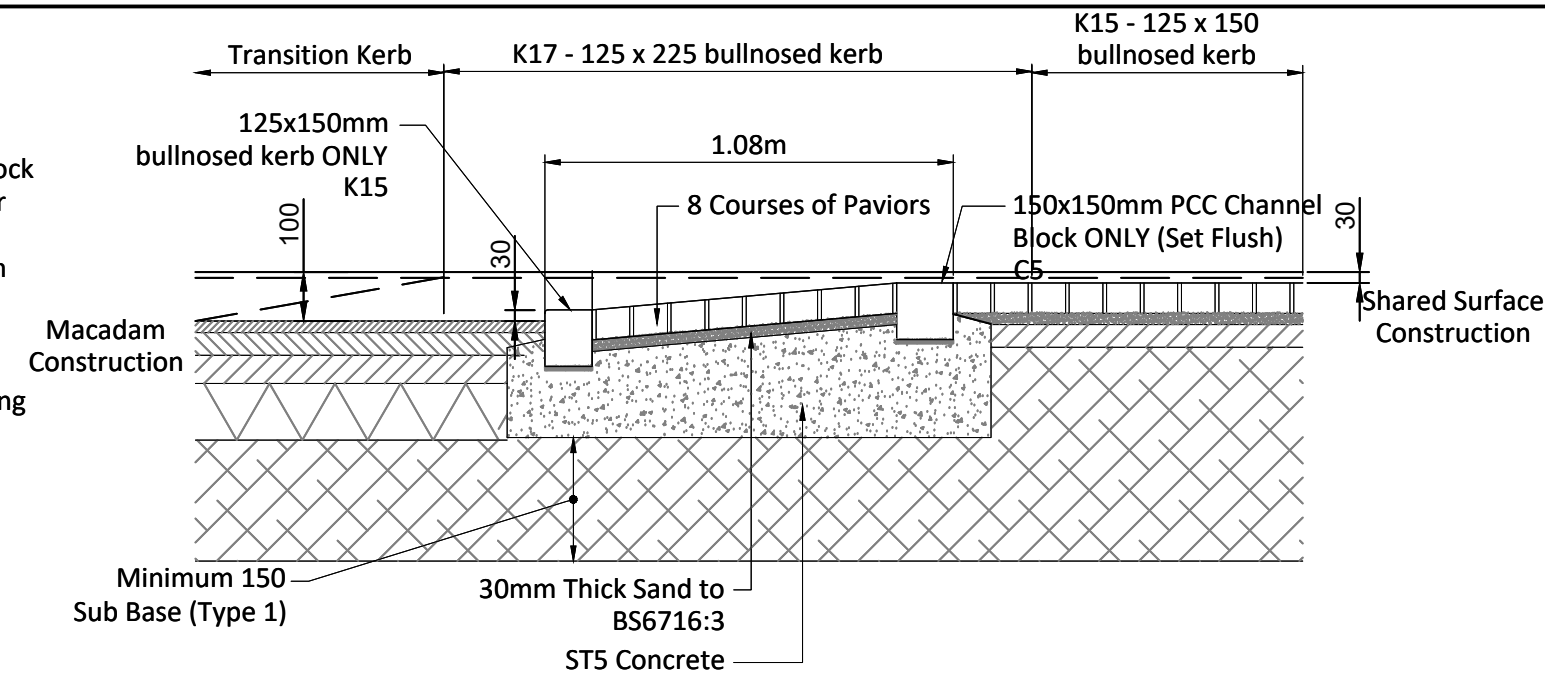
Typical Vehicle Crossing Section

Scale 1:20 - Ref: VC



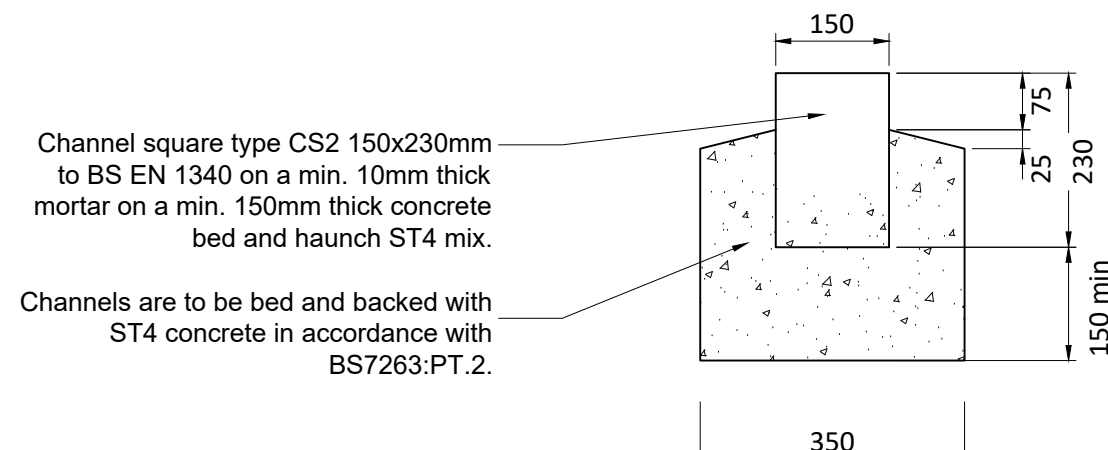
Drop Kerb Detail

Scale 1:10



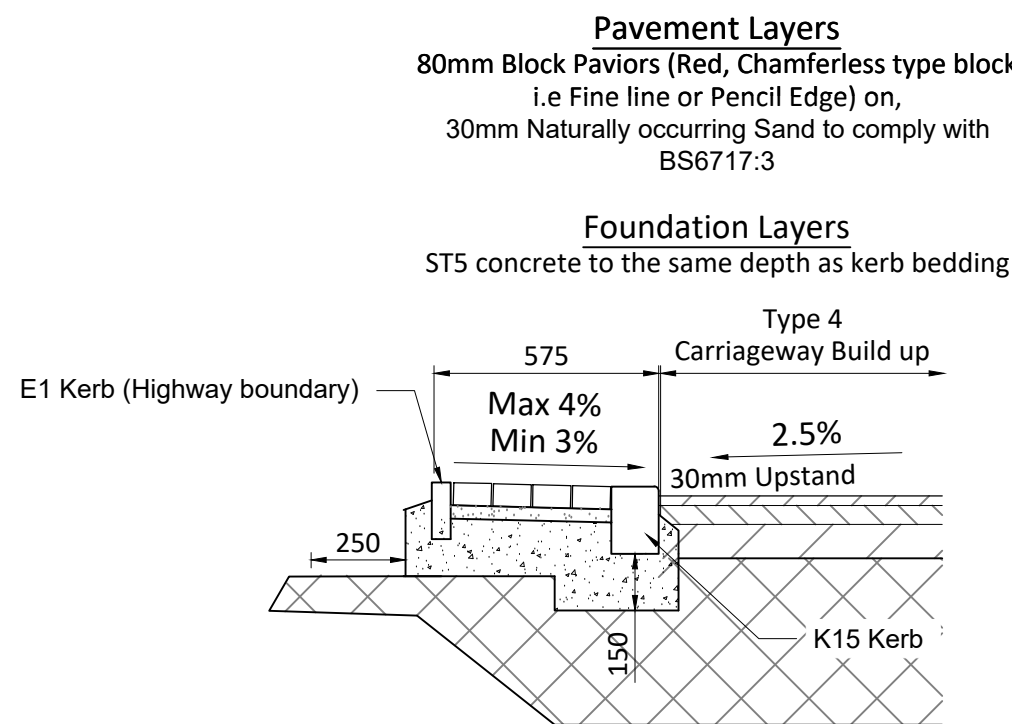
Typical Shared Surface Transition Ramp Detail

(Scale 1:20) - Ref: TR



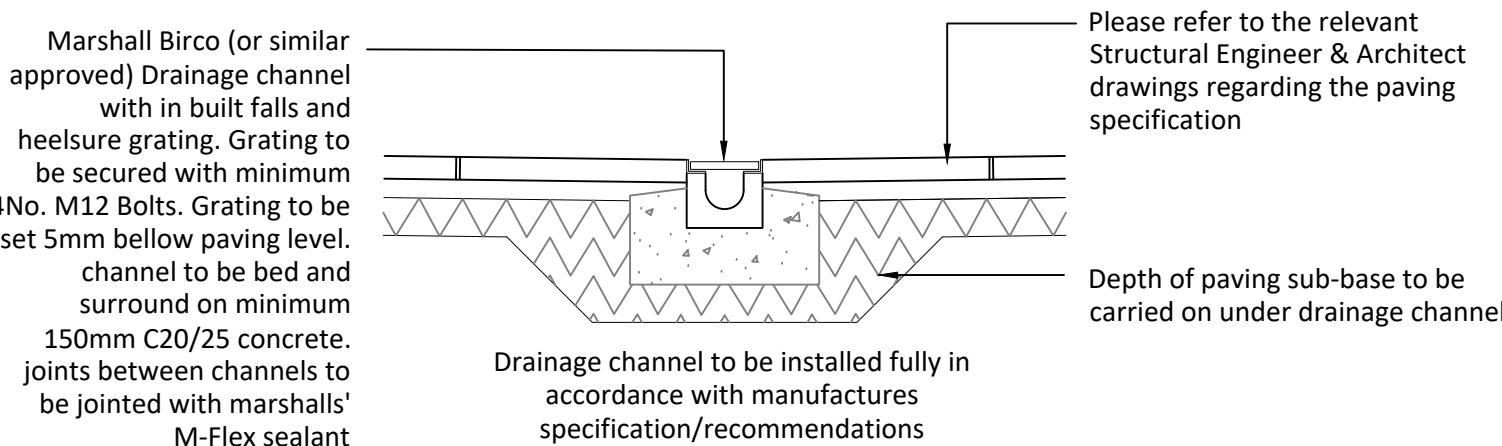
Channel Block

(Scale 1:10) Reference C5



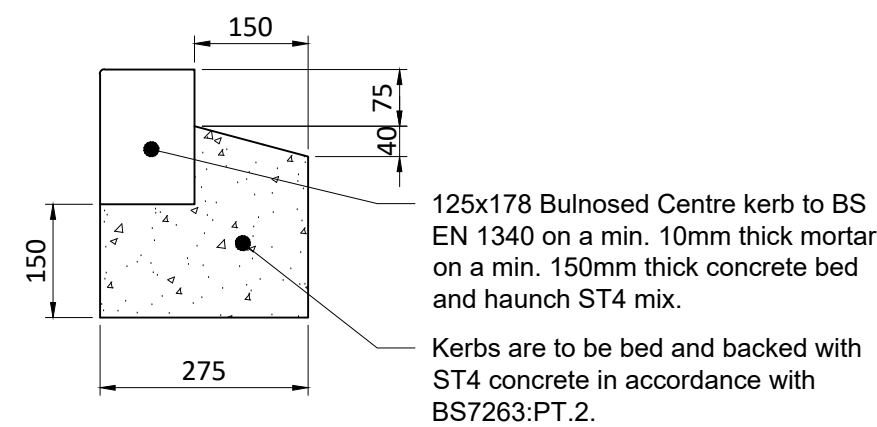
Typical Hard Margin Section

Scale 1:20



Typical Detail Showing Drainage Channel C250 load class

Scale 1:20



Centre - Bulnosed Kerb Detail

Scale 1:10 - Ref: K15 0-6mm (Pedestrian) Or 25mm Upstand (Vehicle)

Do Not Scale				
DESIGN REVIEW				
Design review by:	**	Checked by:	**	
Residual hazards:				
 Health, Safety & Environmental Notes 				
NOTES				
1. All details shown are in accordance with Kirklees Council Standard Detail Drawings (Highway Design Guide) 2019-20.				
Drawing subject to Kirklees Council Section 38 Approval				
28.03.24	Updated to comments	ASe	AL	C9
22.03.24	Updated to comments	ASe	AL	C8
19.02.24	Split sheet	ASe	AL	C7
13.09.23	Updated to s38 comments	ASe	AL	C6
04.08.23	Updated to s38 comments	JZG	AL	C5
01.06.23	Vehicle drop crossing corrected	JZG	AL	C4
15.05.23	Details updated following comments from Kirklees Council	JZG	AL	C3
05.01.23	Details updated following comments from Kirklees Council	OCB	AL	C2
05.10.22	Issued for construction	JZG	AL	C1
05.10.22	Issued for construction	JZG	AL	C1
16.06.22	Centre kerb detail added	JZG	AL	P4
15.03.22	Client comments addressed	JZG	AL	P3
14.02.22	Updated to client comments & Kirklees Council highway details	JZG	AL	P2
11.10.21	Initial Issue	LPW	RP	P1
Date	Description	By	Chk	Rev
 CIVIL AND STRUCTURAL CONSULTING ENGINEERS Web: www.adeptcsce.com Email: inbox@adeptcsce.com Tel: 0113 239 4518 (Leeds) Tel: 0161 974 3620 (Manchester) Originating Office 1912 Mills, Sunny Bank Mills, Farsley, Leeds, LS28 5UJ				
Project				
Newsome Road, Huddersfield				
Title				
S38 Highway Details Sheet 1				
Client				
Urban Group				
Scale @ A1	Initial author	Initial checker	Approver	Initial Date
1:10/20	LPW	RP	RP	10.21
Status	Purpose	Adept Ref		
A	Construction	24.21001		
Project Number	Originator	Volume	Level	Type Role Drg. No.
24.21001-ACE-00-XX-DR-C-2080				Rev C9