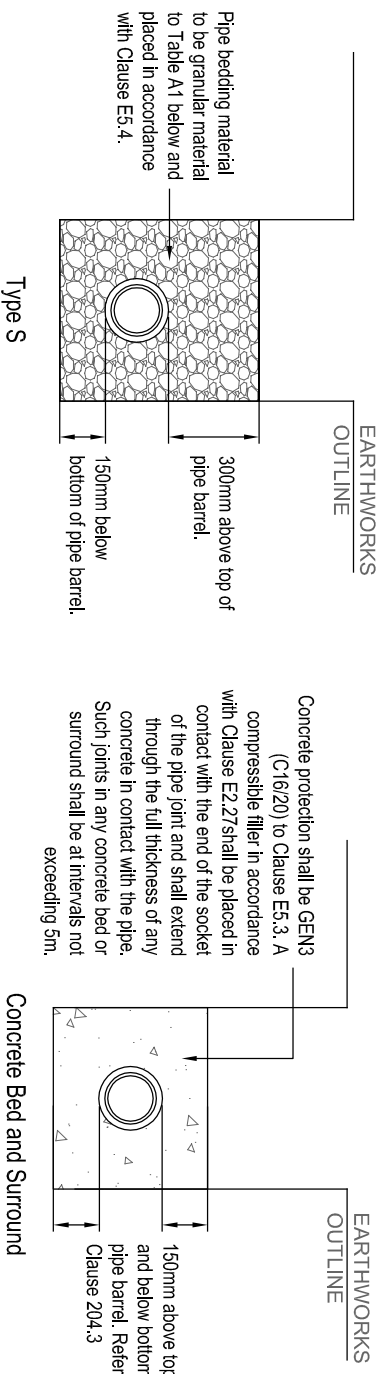


Section 38 Adoptable Standard Details			
Dwg No.	Rev.	Title	
HCC10C010	-	Precast Concrete Kerbs Type PC1, PC2, PC3 & PC4	
HCC10C045	A	Footway Type 1A, 1B, 2 & 3	
HCC10C065	A	Footways (Strengthened)	
HCC10D015	-	Type 1 Road Cully	



Water Inventory Information and Guidance Note EN 446:01 (Including Measurement dated November 2009)

Bedding and Subgrade Materials for Buried Pipelines

Table A.1 - Processed and test-sig granular bedding materials for rigid pipes

Pipe	Material maximum nominal aggregate size (mm) (See note (c))	Class of material (See note (d))	Either Maximum C _r value for aggregate (See note (e))	Stable Material Or: Materials specified in British Standards (See note (a))
100	10	S B F	0.15 0.15 0.15	Form nominal aggregate size
Over 100 to 150	16	N B F	0.30 0.15 0.15	Form aggregate 10 or 14 mm nominal aggregate or 16mm to 300mm nominal aggregate
Over 150 to 300	20	S B F	0.15 0.30 0.15	Aggregate or fine aggregate 10, 14 or 20mm nominal aggregate or 16mm to 300mm nominal aggregate
Over 300 to 500	20	S B F	0.15 0.30 0.15	Aggregate or fine aggregate 14 or 20mm nominal aggregate or 16mm to 300mm nominal aggregate
Over 500	40	S B F	0.15 0.30 0.15	Aggregate or fine aggregate 14, 20 or 40mm nominal aggregate or 16mm to 300mm nominal aggregate

Notes:

- Processed granular materials to include aggregates to BS EN 12622.
- Compaction Fraction value (CF) see MS No. 4-05-02 Issue 4 and No. 4-08-02 Amendment (Nov 2009).
- The nominal maximum particle sizes apply both to processed and test-sig materials (see Section 4). Materials provided that 100% passes the next larger sieve size in the range of sieves listed in these standards.
- Bedding classes are defined by:
 - BS EN 1265-1:1998 Standard design of buried pipelines under various conditions of loading
 - BS EN 1265-1:1998 Standard design of buried pipelines under various conditions of loading
 - The ultimate content of bedding and stable material for use with conventional pipe should not be greater than 0.3% as subgrade inclusions.

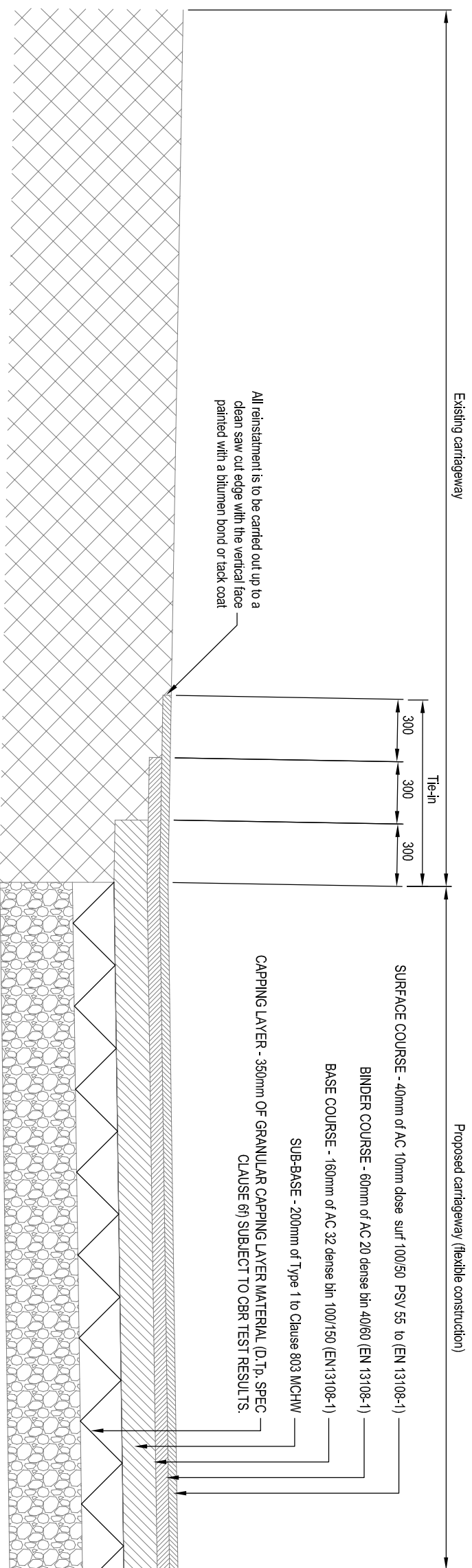
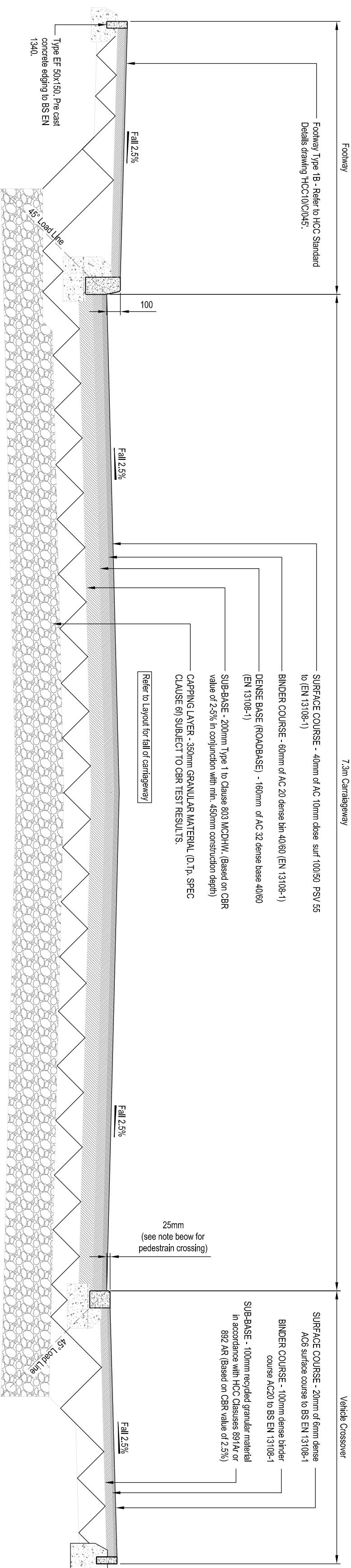
BEDDING DETAILS

CBR	Caping	Sub-base
>15%	None	75mm
5-15%	35mm	150mm
2-5%	50mm	150mm
<2%	60mm	150mm

ADOPTABLE FLEXIBLE CARRIAGEWAY CONSTRUCTION

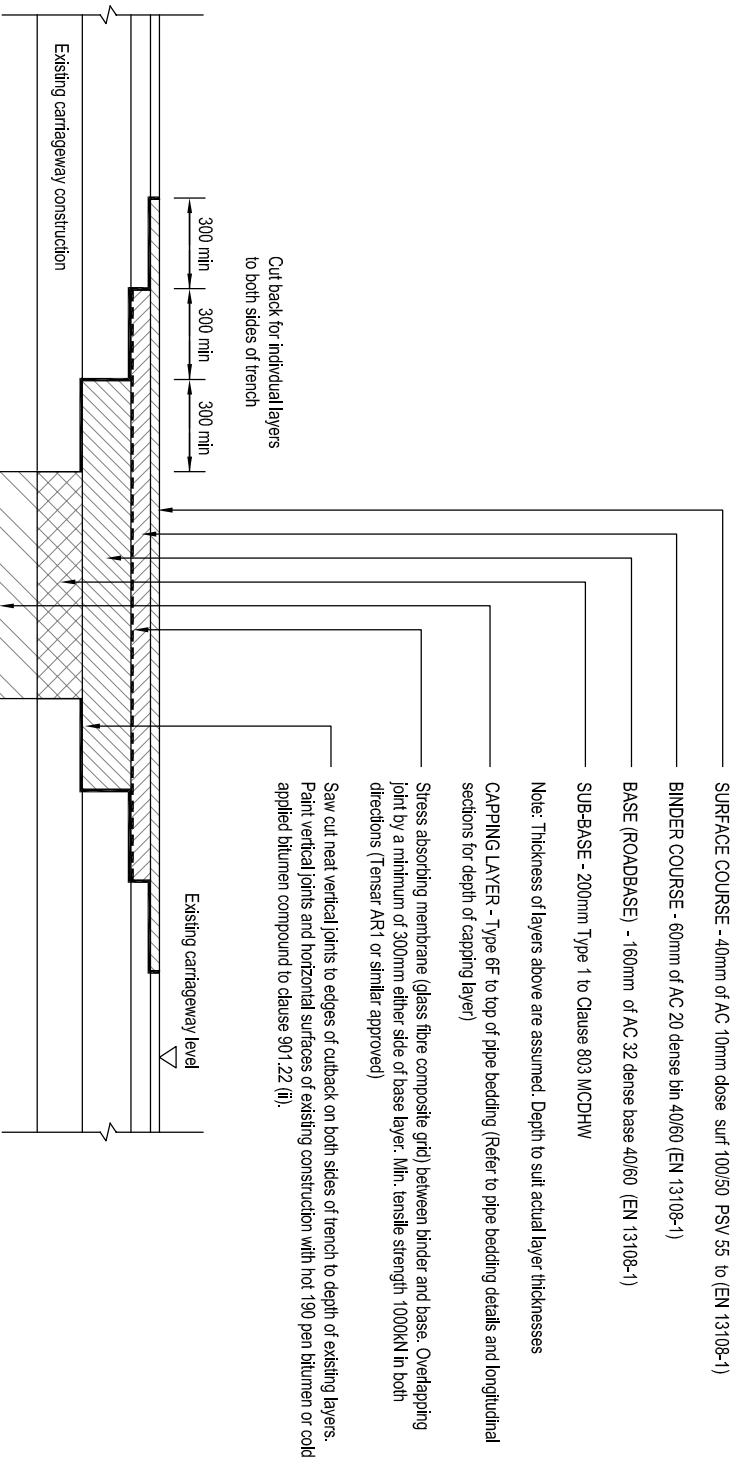
Scale 1:25

CBR value of 2.5% taken from ground investigation report produced by Ecogrip for CMAA 1033/25/25/25/2001/C. Testing to be carried out in accordance with HCC requirements to confirm actual CBR values) on site. Subgrade/capting layer thickness to be adjusted in accordance with CBR value update as approved by HCC. Engineer to be advised.



CARRIAGEWAY REINSTATEMENT DETAIL

Scale 1:25



HIGHWAY TRENCH REINSTATEMENT IN EXISTING CARRIAGEWAY

(To proposed off-site sewers)