

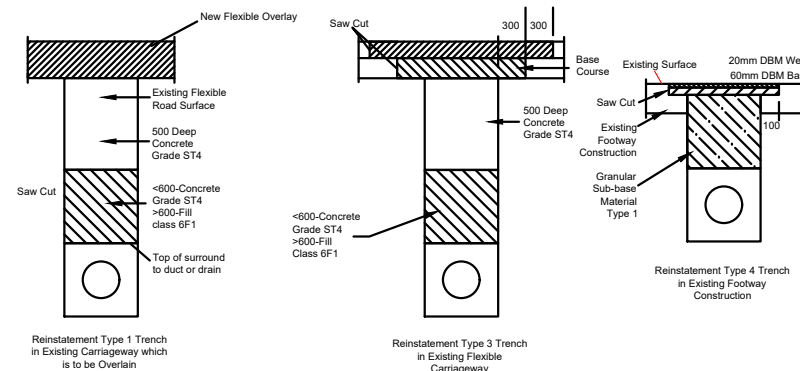
Table 3 – Carriageway Construction Requirements

Road Type	Surface Course Thickness and material	Binder course Thickness and material	Base Thickness and material
Distributor Road (all industrial / commercial roads)	SMA 14 surf 40/60 40mm thick min psv 60	AC 20 Dense Bin 100/150 60mm thick	AC 32 Dense Base 100/150 recipe mix 200mm thick
	SMA 10 surf 40/60 40 mm thick min psv 60		
Collector/Connector / Major Access Road	HRA 55/10 F surf 100/150 to 40mm thick min psv 60	AC 20 Dense Bin 100/150 recipe mix 60mm thick	AC 32 Dense Base 100/150 recipe mix 150mm thick
Minor Residential Access/ Minor Access Way / Mews Courts / Housing Squares	HRA 55/10 F surf 100/150 40mm thick min psv 65	AC 20 Dense Bin 100/150 recipe mix 60mm thick	AC 32 Dense Base 100/150 recipe mix 100mm thick

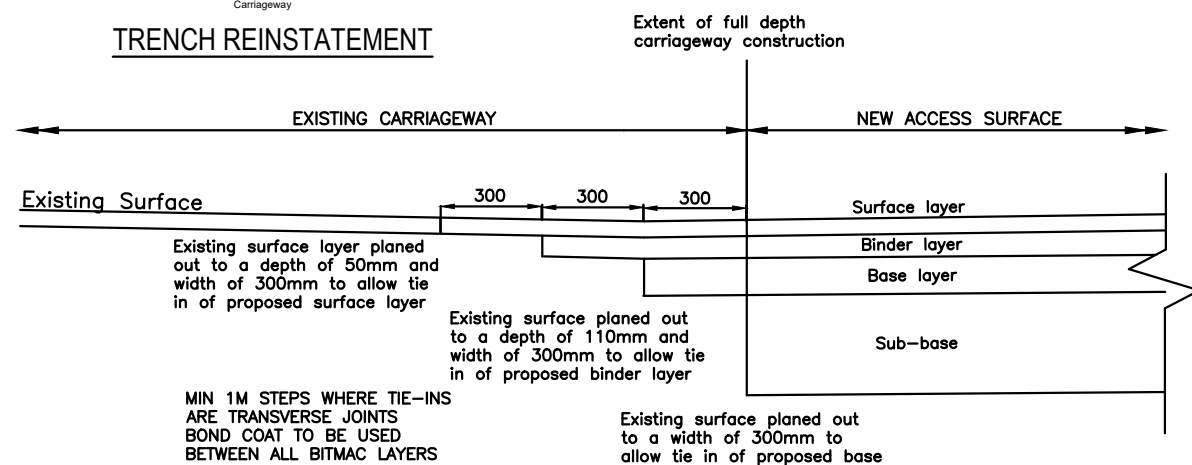
Table 4 – Carriageway Sub-base and Capping Thickness

CBR value of formation	Layer thickness
CBR 15% or greater	150mm sub-base
CBR 5% to less than 15%	225mm sub-base laid in 2 layers (max single layer thickness 125mm)
CBR 2% to less than 5%	150mm sub-base plus 350mm capping
CBR less than 2%	150mm sub-base plus 600mm capping

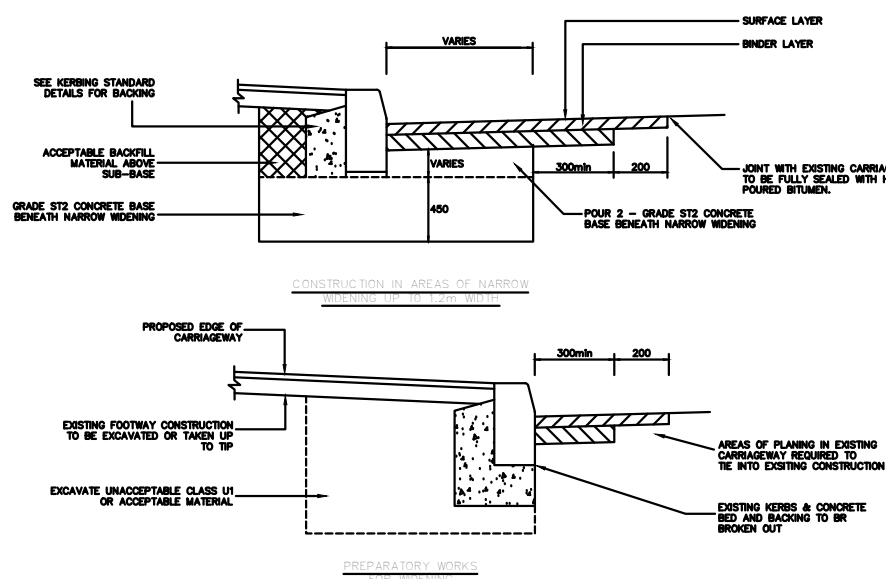
For determination of formation CBR see section 4.2.



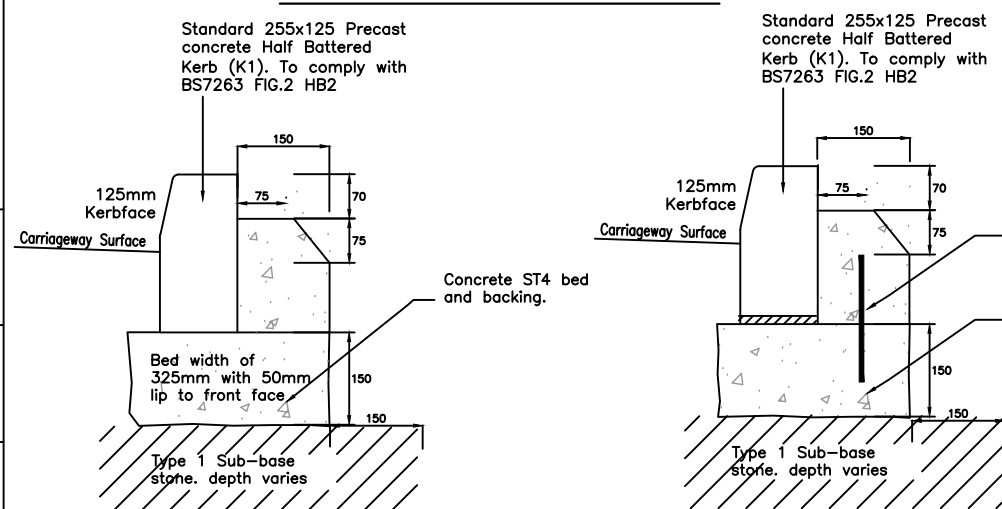
TRENCH REINSTATEMENT



TIE IN CONSTRUCTION



CARRIAGEWAY NARROW WIDENING



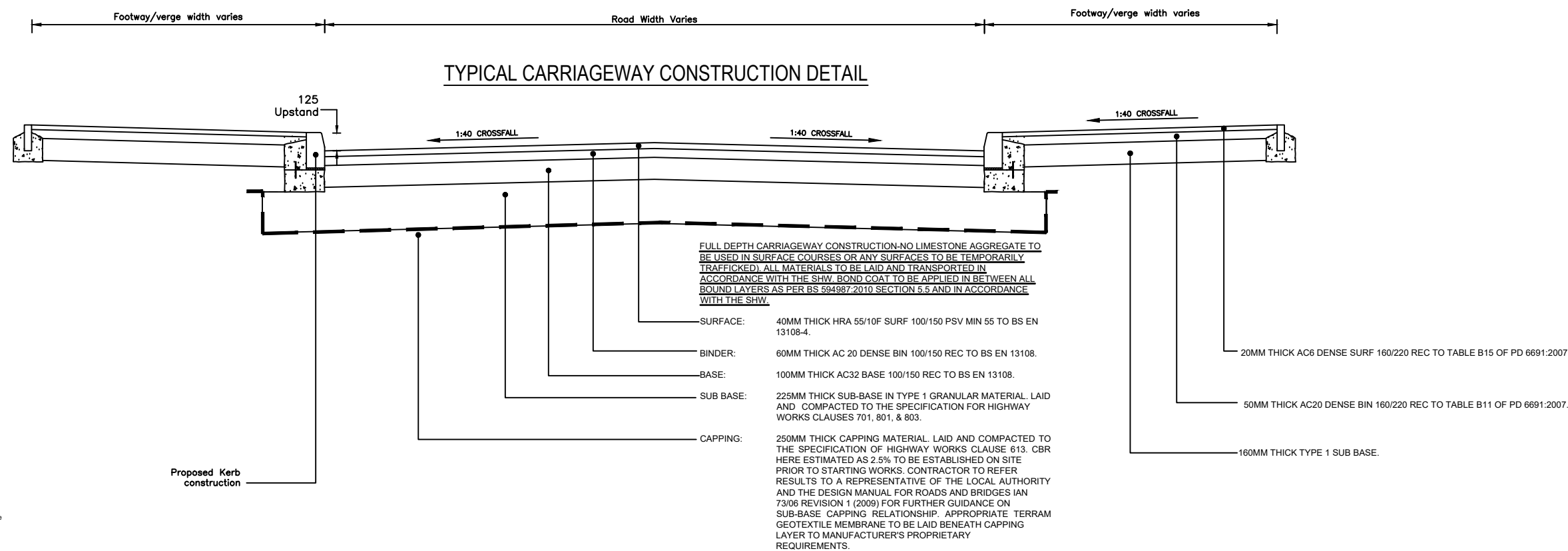
KERB CONSTRUCTION TYPE A

KERB BASE, KERB AND KERB
BACKING LAID BEFORE CONCRETE
SETS

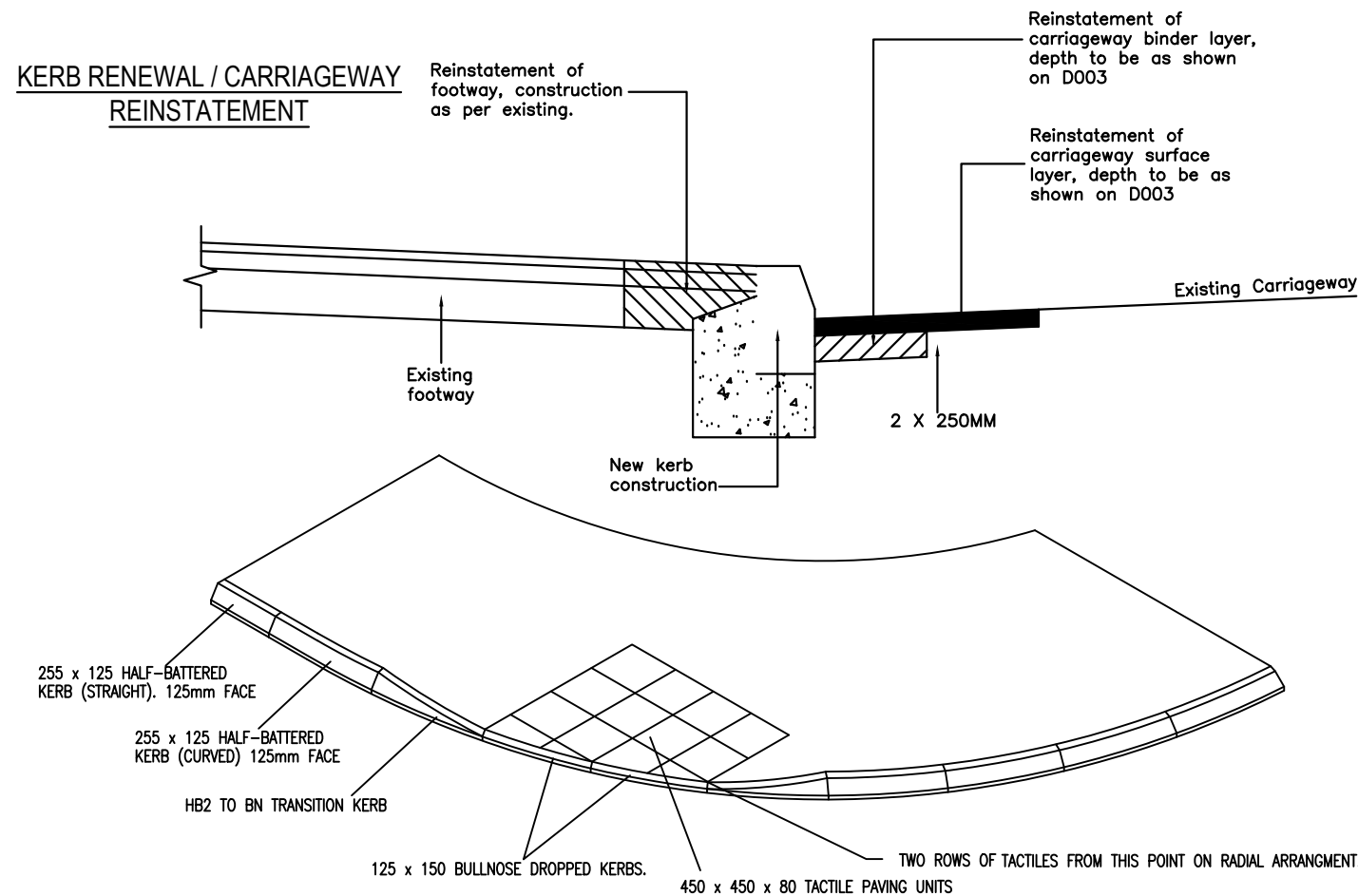
KERB CONSTRUCTION TYPE B

KERB BASE SET PRIOR TO LAYING
KERB AND KERB BACKING

TYPICAL CARRIAGEWAY CONSTRUCTION DETAIL

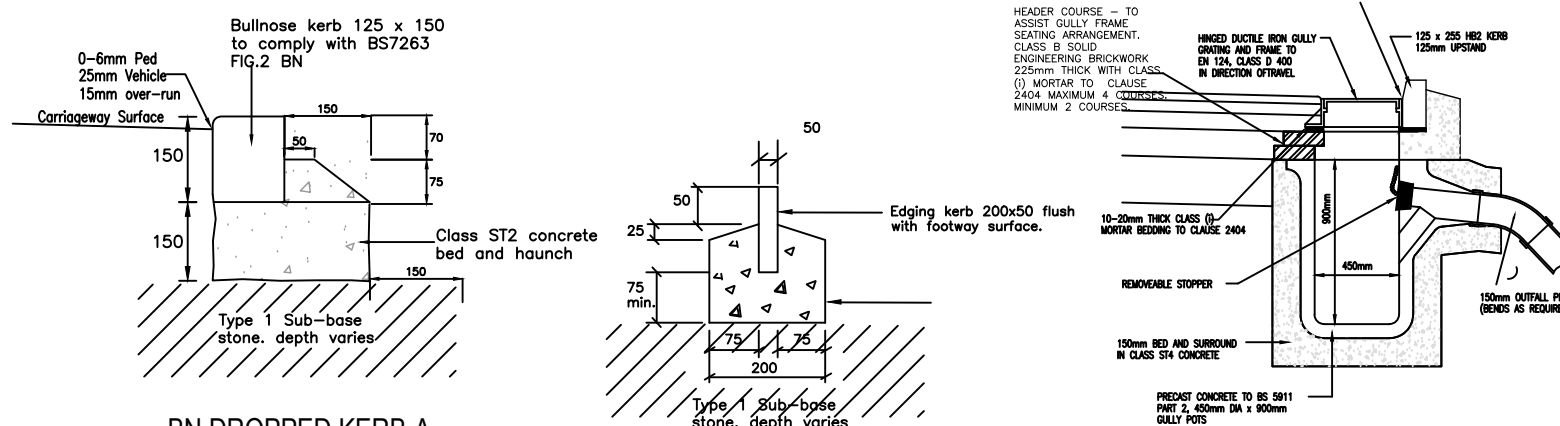


KERB RENEWAL / CARRIAGEWAY REINSTATEMENT



RADIAL DROPPED KERB DETAIL

(NOTE : THE ABOVE DETAIL SHOULD BE USED AS A GUIDE FOR GENERAL LAYOUT PURPOSES)



BN DROPPED KERB-A

IF CONSTRUCTION B IS USED THE
16 DOWEL BARS ARE 150 LONG
WITH 50 ABOVE KERB BASE

EF EDGING KERB

TYPICAL PRECAST CONCRETE GULLY DETAIL

NOTES

-	FIRST SUBMISSION TO STAFFORDSHIRE	JC	MC	FEB 18
REV	DETAILS	DRAWN	CHECKED	DATE

BOWSALL LTD

ASHBOURNE ROAD, LEEK

D005 STANDARD DETAILS

1:250 @ A2

DRAWING: JC		CHECKED: MC	DATE: FEB 18
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