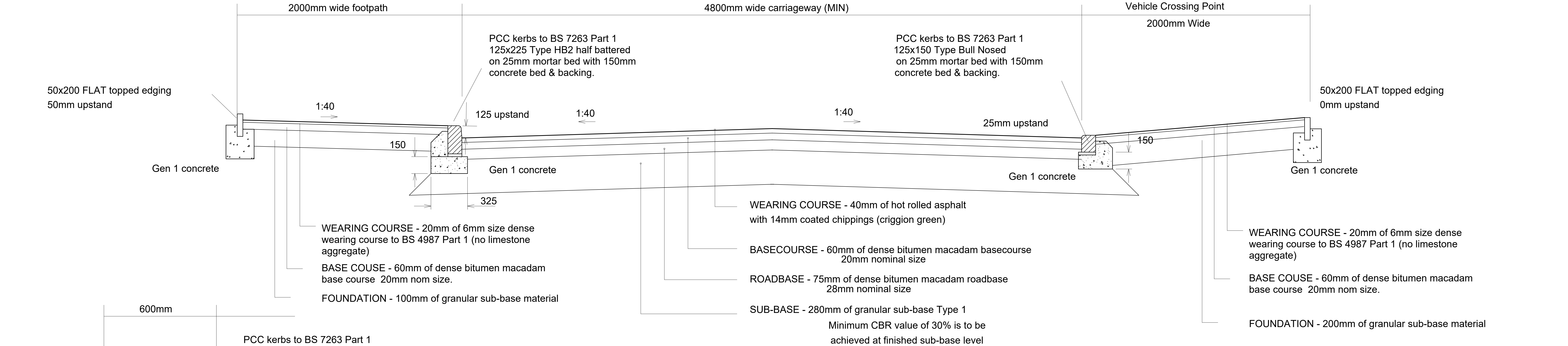
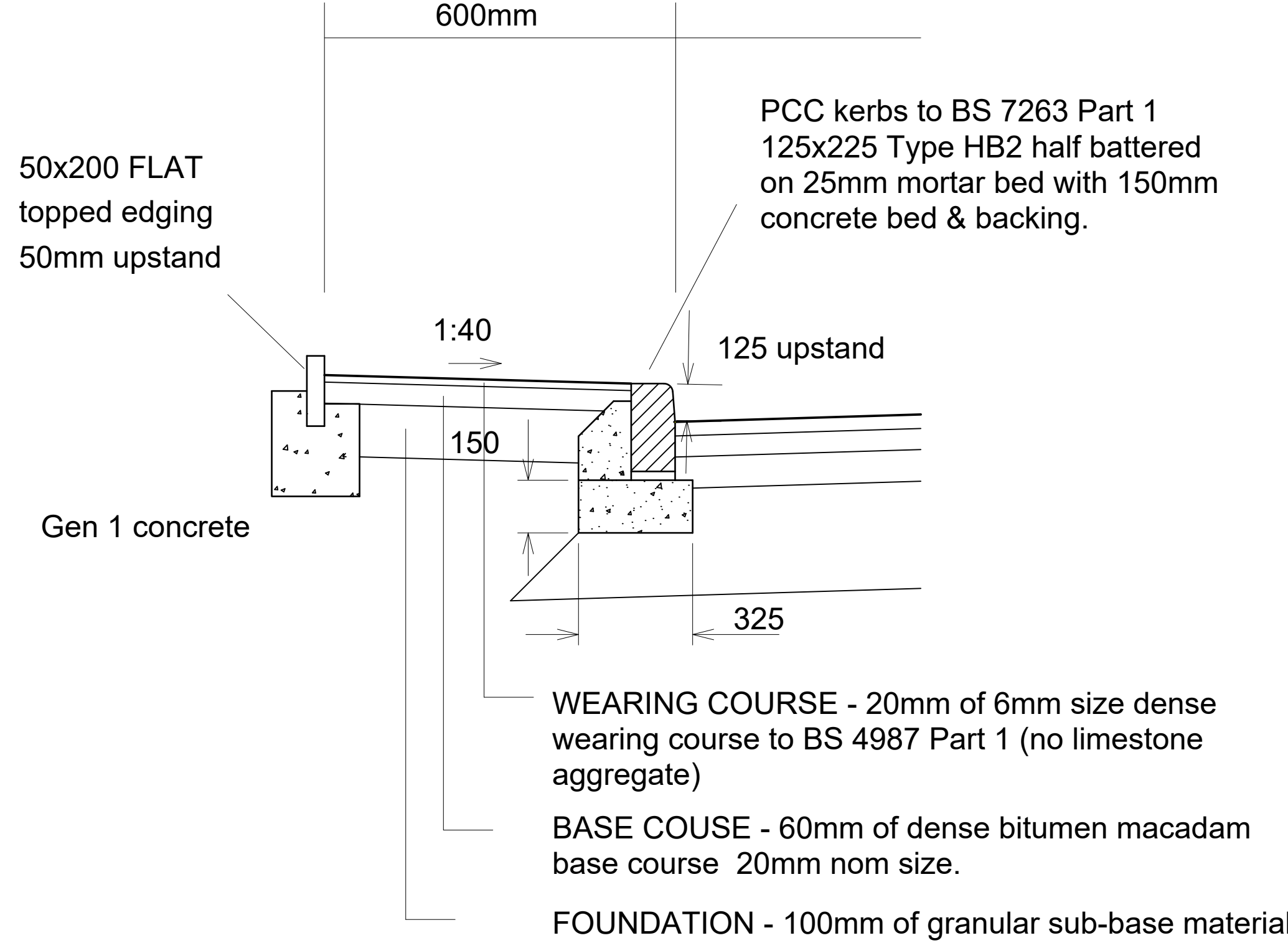


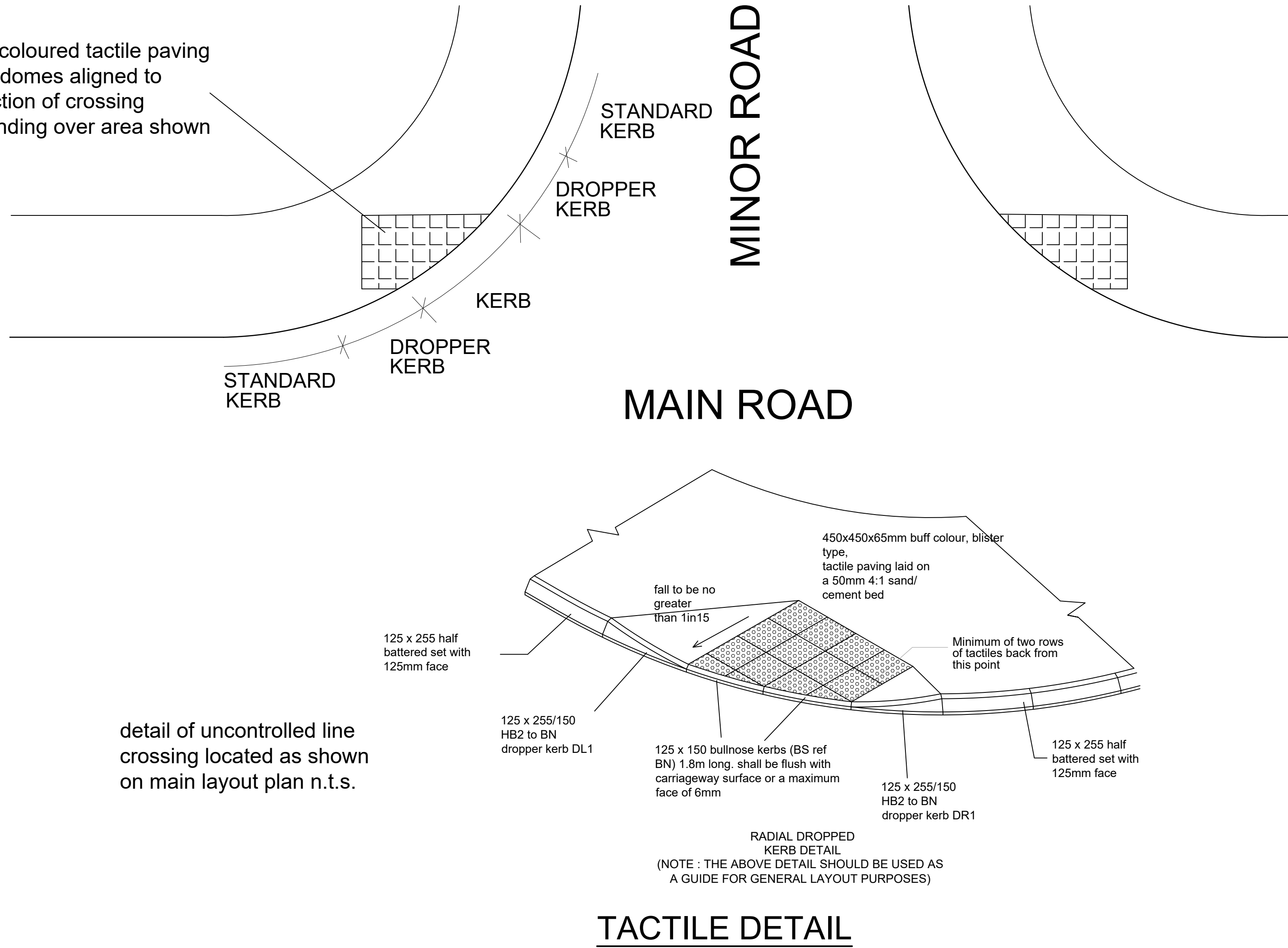
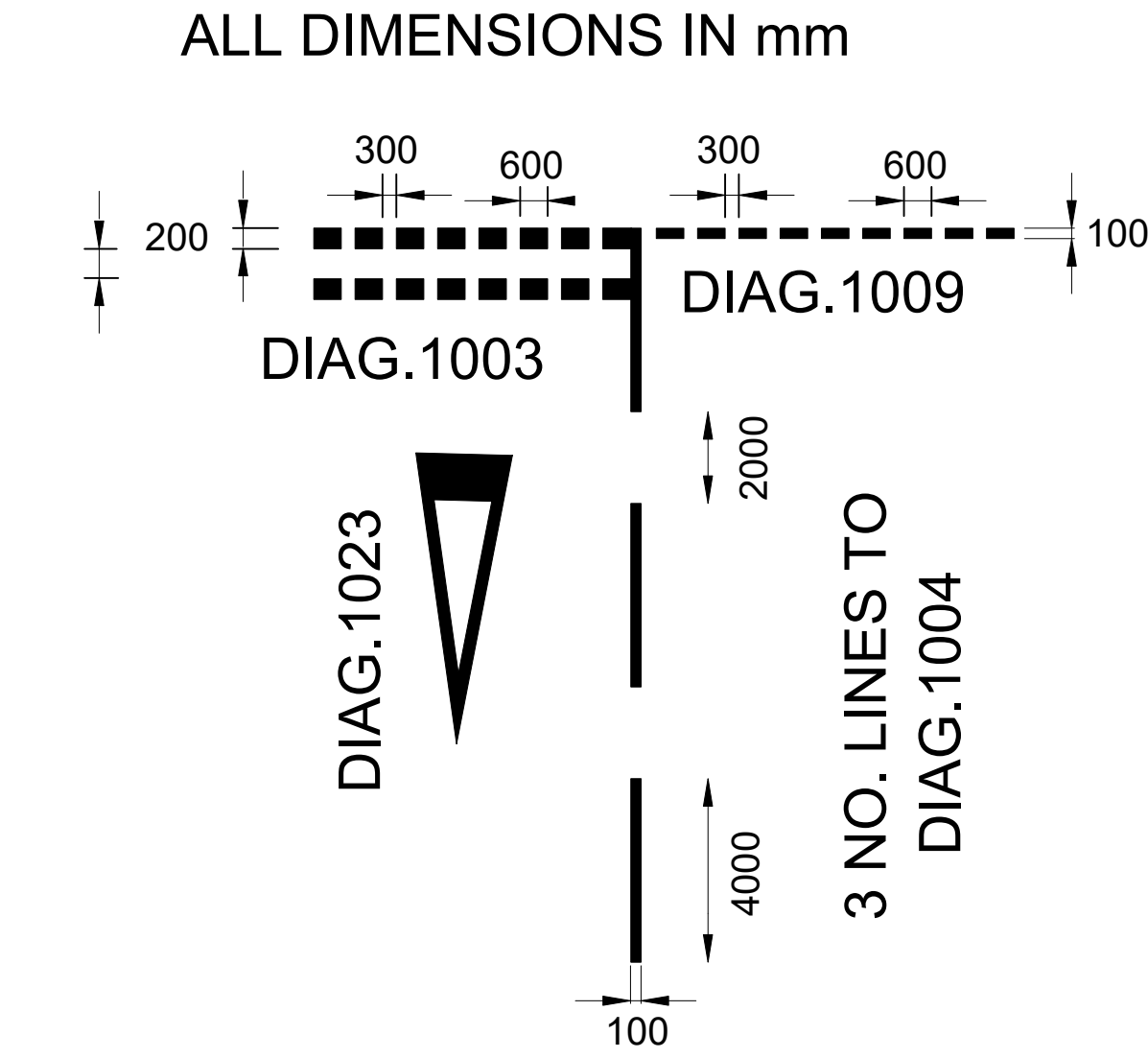
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TYPICAL SECTION THROUGH ADOPTABLE ESTATE ROADS



SERVICE MARGIN TO ROAD 4

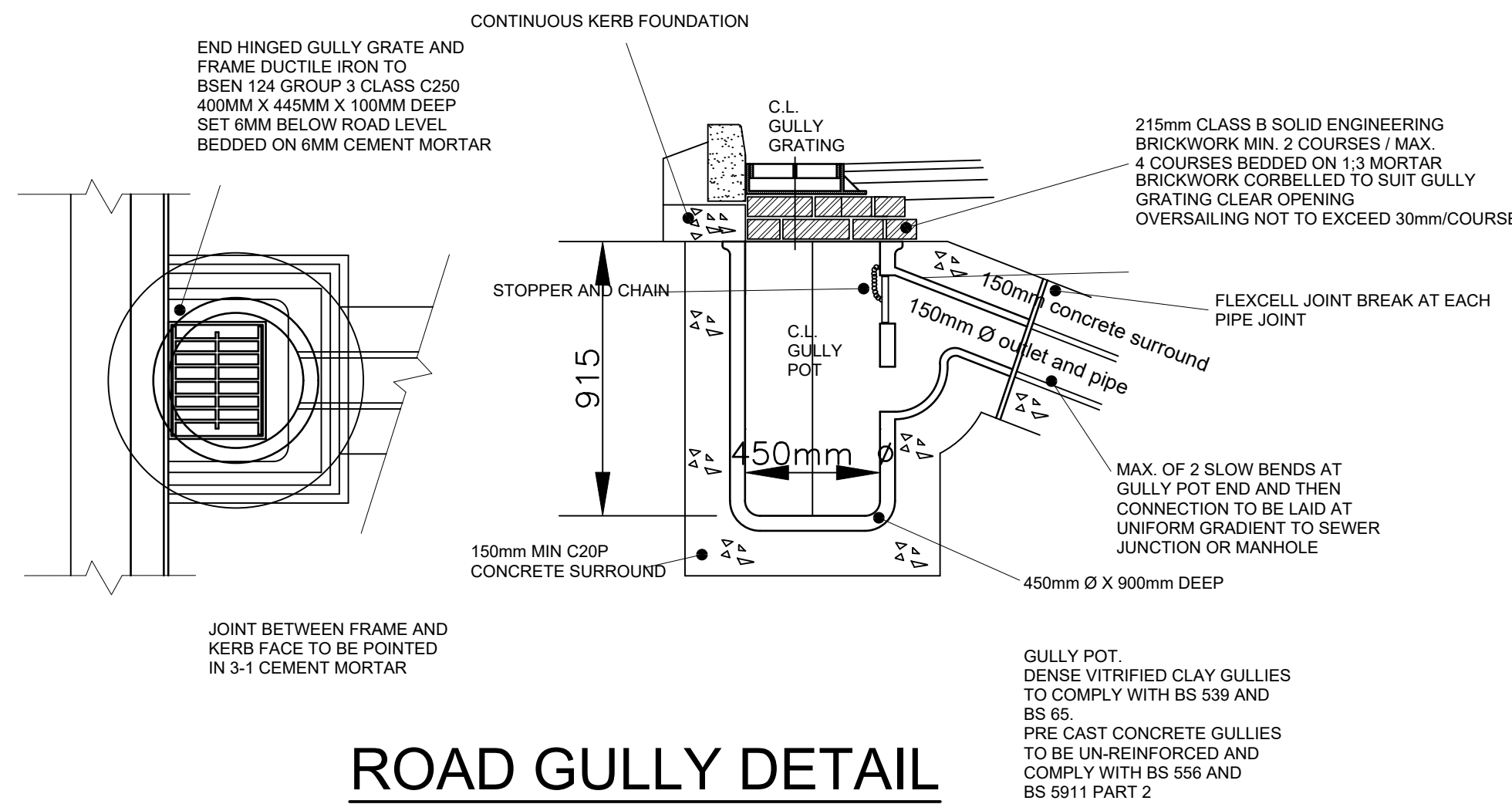


Specification for Filling Works Below Adoptable Highway

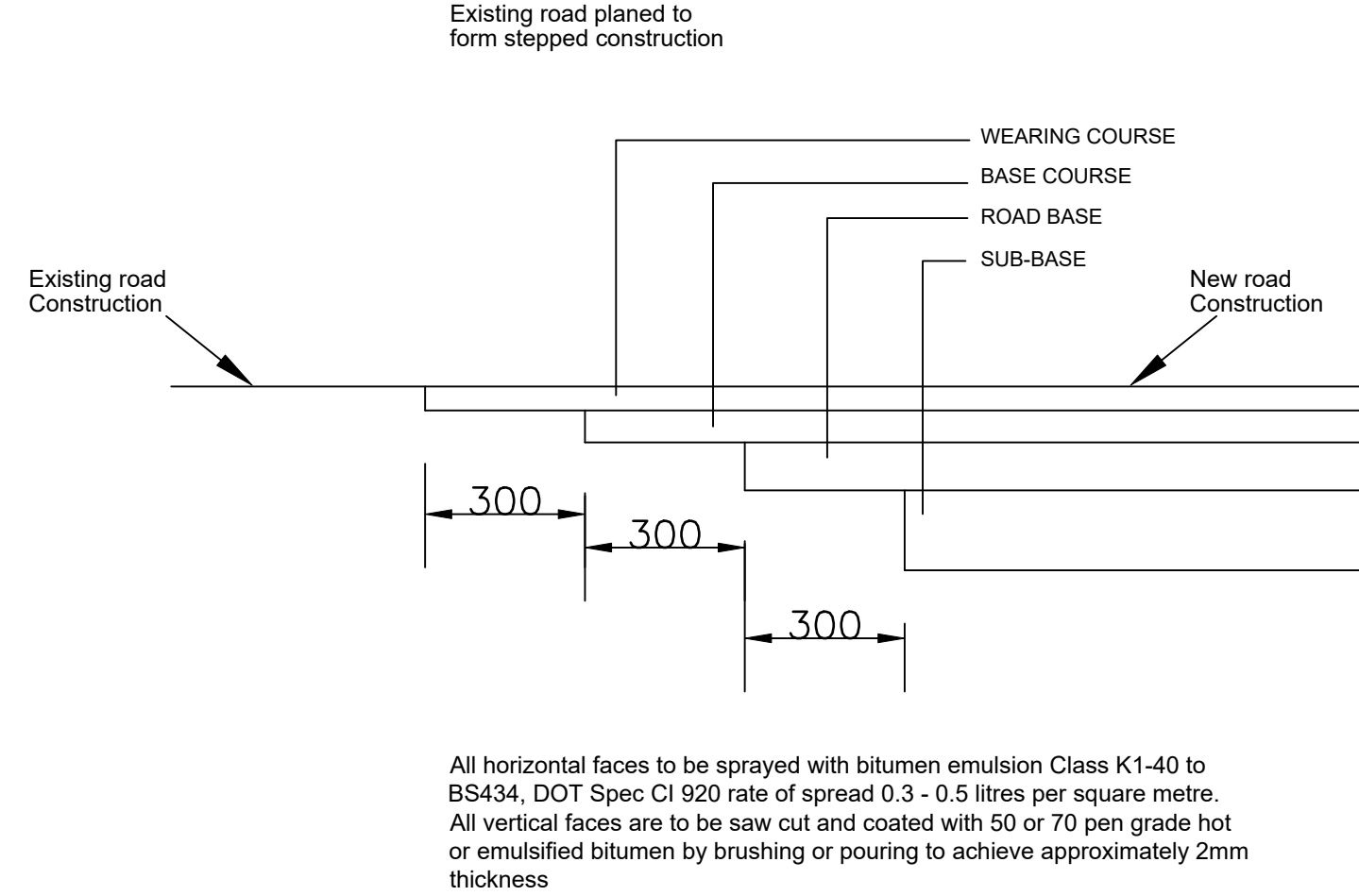
1. All materials introduced to the site must be clean and inert non-cohesive granular material with a maximum size of 75mm.
2. Where demolition material or other non natural strata is to be introduced it MUST be sampled and tested before arrival at site so that it may be certified as uncontaminated and to be approved for use by the Local Authorities Clerk Of Works.
3. Introduced material (6F2) should be laid in loose layers not exceeding 200mm in thickness over the whole road area - each layer should be consolidated using a smooth wheeled vibratory roller of at least 2000kN/m mass with 4 passes per layer.
4. Cohesive material should not be introduced unless the material has been inspected and approved for use by Local Authorities Clerk Of Works.
5. Wet soft material that cannot be compacted by these methods should be rejected and removed from the site.

SITE TESTS

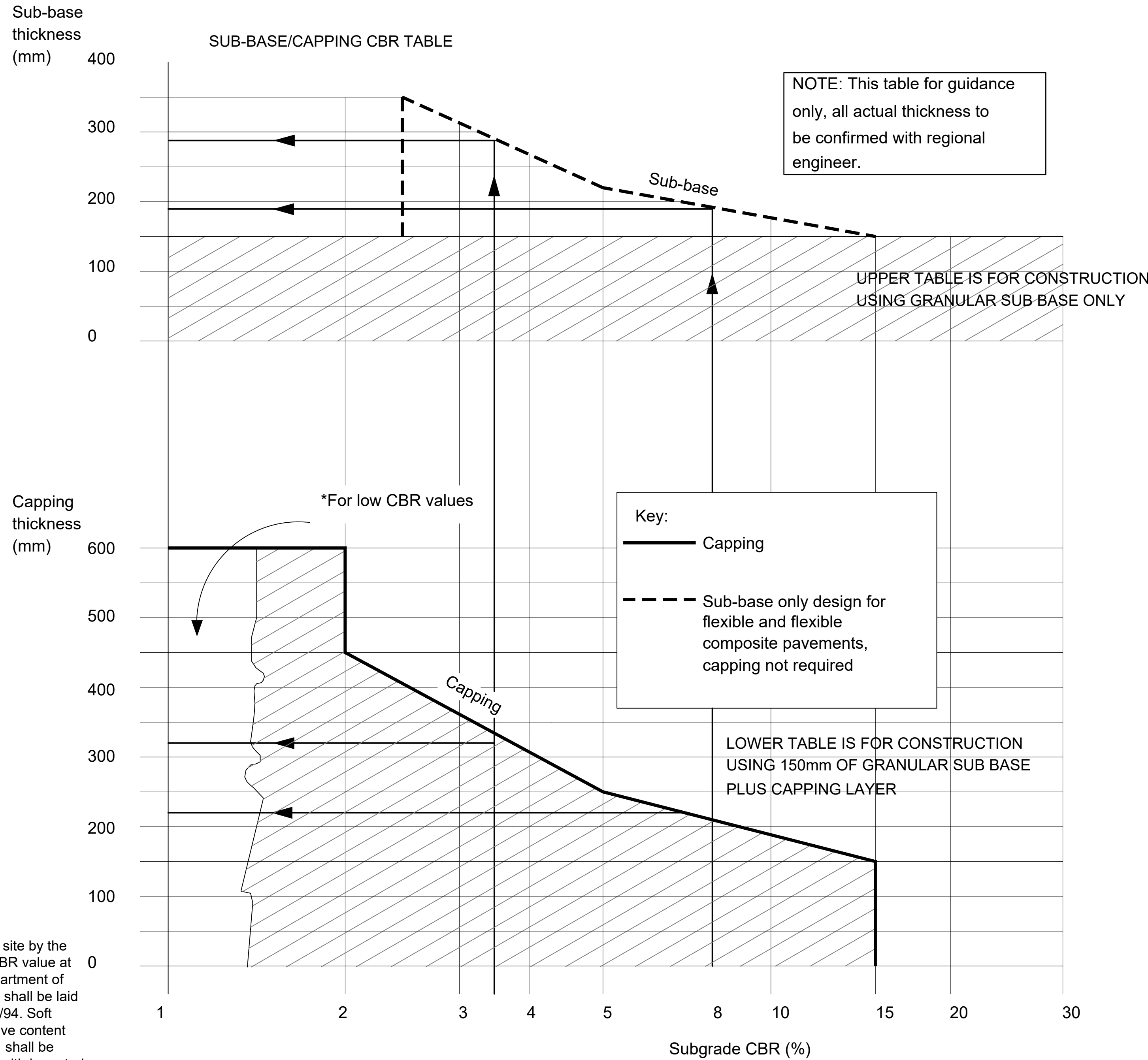
CBR tests shall be undertaken on site by the Contractor to determine the CBR value at formation level. fig. 3.1 of the Department of Transport Design Capping depths shall be laid in accordance with Manual HD 25/94. Soft spots, materials with high vegetative content or unacceptable material class U1 shall be excavated and the void backfilled with imported class 6F2 material, to the Specification for Highway Works (SHW) Tab. 6/1 & 6/2 and compacted in accordance with Tab. 6/4.



ROAD GULLY DETAIL



ROAD TIE-IN DETAIL



*For low CBR values below 2% specialist geotechnical advice should be sought

CBR / CAPPING TABLE

- GENERAL
1. All adoptable sewers and associated works are to comply fully with "Design and Construction Guidance" & Local Practices
 2. All highway works to be to adoptable standards and to comply fully with the Local Authority specification.
 3. All private drainage works are to comply fully with part II of the Building Regulations
 4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to AD Design. All levels are based on topographical survey information provided by others.
 5. All materials to bear the relevant B.S.Kilmark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur)
 6. All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or Relevant Water Authority as applicable.

C.D.M. REGULATIONS 2015

In line with the above regulations we are obliged to inform the Client of their responsibilities under section CDM 15/1, and residual risks that may be encountered in the construction of these works. All design work has been carried out with Health and Safety aspects given full consideration. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design. We would also respectfully remind the Client of his obligations to take all reasonable steps in ensuring that only competent Contractors who have a valid safety policy are employed. They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by ALD Design below:-

1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent people, materials and vehicles falling into excavation.
3. Guarding of excavations outside working hours to prevent unauthorised access.
4. Undermining to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedure to be followed in event of accident or emergency.
9. Method of working where contaminated ground is present on site.
10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.

The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public. For clarification on any item please contact ALD Design.

A	14.07.25	First Issue		AP	
Rev.	Date	Amendment	Drawn	Chkd.	Appd.
3 Woodhurst Drive, Sandbach, Wigan, WN4 0PR, United Kingdom Tel: +44 (0) 1257 686003					
Client: MCI A KEEPCRAFT HOMES COMPANY					
Project Title: Trub Farm Rochdale					
Status: Preliminary					
Drawing Title: Road Construction Details Sheet 1 of 2					
Drawn: AP	Date: July 25	Checked:	Date:	Approved:	Date:
Scale: NTS	Orig Size: A0	Dimensions:			
Project No: 25013			Drawing File:		
Drawing No: 20-18-01				Rev.:	A
Scale 1:500 0 5 10 15 20 25m					