

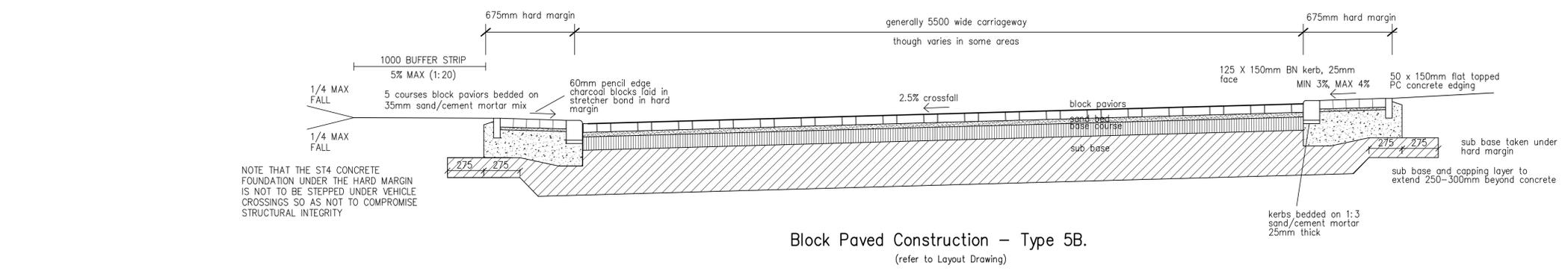
REFER TO DETAILS ON LEFT SIDE OF CROSS SECTION FOR TREATMENT TO REAR OF FOOTPATH

**Carriageway construction :**  
 30mm thick 0/10mm Close Graded Bitumen Macadam 125 Pen surface course – Hardstone to BS 4987-1.  
 50mm thick 0/20mm DBM 125 Pen binder course – Hardstone to BS 4987-1 : Clause 6.5.  
 90mm thick 0/32mm DBM 125 Pen base (Roadbase) Limestone – to BS 4987-1 : Clause 5.2.  
 440mm thick type 1 sub base – to Specification for Highway Works Clause 803.

**Footway/Vehicular Crossing construction :**  
 25mm thick 0/6mm DBM 190 Pen surface course – Hardstone to BS 4987-1 : Clause 7.5.  
 100mm thick 0/20mm DBM 190 Pen binder course – Hardstone to BS 4987-1 : Clause 6.5.  
 150mm thick type 1 sub base – to Specification for Highway Works Clause 803.

NOTE THAT THERE ARE TO BE NO RECYCLED AGGREGATES USED IN SUB BASE LAYERS

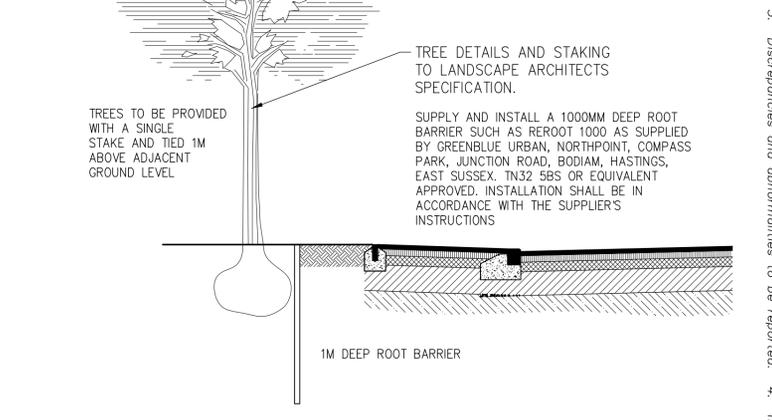
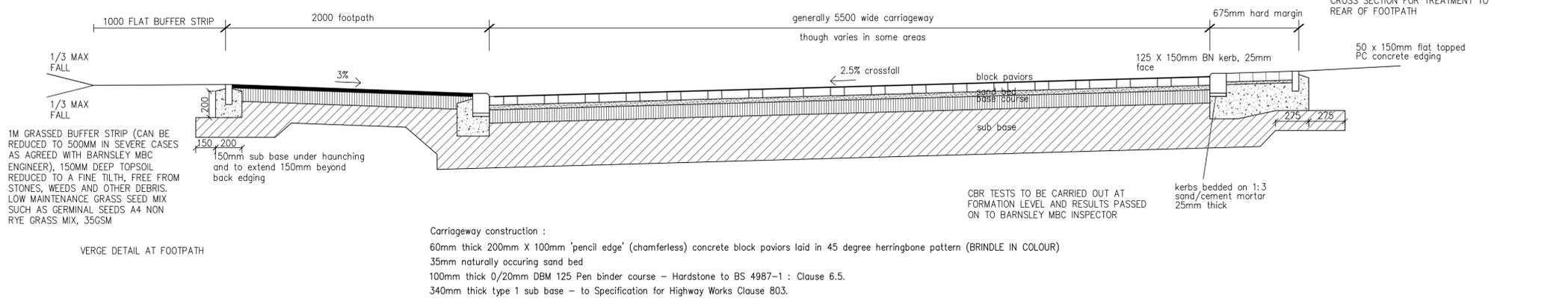
**Tarmac Road Construction – Type 4 – Crossfall.**  
(refer to Layout Drawing)



CBR TESTS TO BE TAKEN ON ROAD FORMATION USING A 600MM DIAMETER PLATE AT 20M INTERVALS AND OFF THE LINE OF ANY DRAINAGE TRENCHES. RESULTS ALONG WITH LOCATION PLAN TO BE PRESENTED TO BARNSELY MBC HIGHWAYS ENGINEER FOR REVIEW

NOTE THAT THERE ARE TO BE NO RECYCLED AGGREGATES USED IN SUB BASE LAYERS

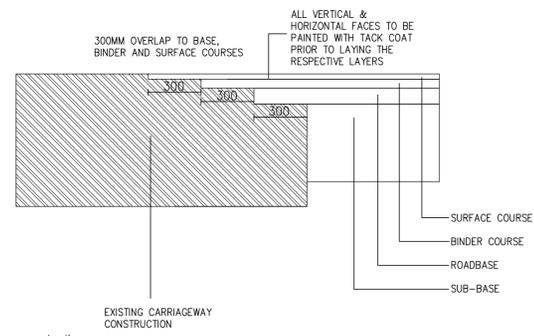
**Block Paved Construction – Type 5B.**  
(refer to Layout Drawing)



**Carriageway construction :**  
 60mm thick 200mm X 100mm 'pencil edge' (chamferless) concrete block paviors laid in 45 degree herringbone pattern (BRINDLE IN COLOUR)  
 35mm naturally occurring sand bed  
 100mm thick 0/20mm DBM 125 Pen binder course – Hardstone to BS 4987-1 : Clause 6.5.  
 340mm thick type 1 sub base – to Specification for Highway Works Clause 803.

CBR TESTS TO BE CARRIED OUT AT FORMATION LEVEL AND RESULTS PASSED ON TO BARNSELY MBC INSPECTOR

**Tarmac Road Construction – Type 5B – Crossfall.**  
(refer to Layout Drawing)



**Carriageway construction :**  
 30mm thick 0/10mm Close Graded Bitumen Macadam 125 Pen surface course – Hardstone to BS 4987-1.  
 50mm thick 0/20mm DBM 125 Pen binder course – Hardstone to BS 4987-1 : Clause 6.5.  
 90mm thick 0/32mm DBM 125 Pen base (Roadbase) Limestone – to BS 4987-1 : Clause 5.2.  
 440mm thick type 1 sub base – to Specification for Highway Works Clause 803.

**Tie In Detail with existing highway at site entrance**  
NO OVERBANDING TO BE USED IN CARRIAGEWAY

NOTE THAT IN ACCORDANCE WITH BARNSELY MBC HIGHWAYS REQUIREMENTS, THERE IS TO BE A MINIMUM OF 2 NO FULL HEIGHT KERBS PLACED BETWEEN VEHICLE/PEDESTRIAN CROSSINGS. IF NOT ACHIEVABLE DROPPED KERBING IS TO BE USED IN LIEU

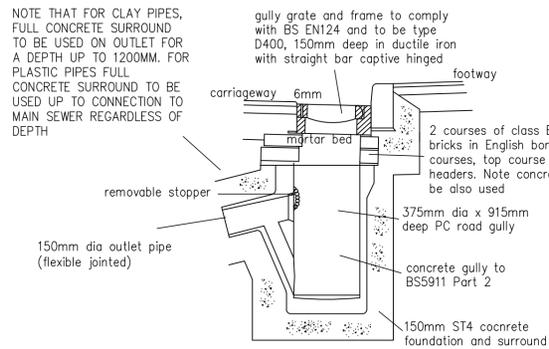
**RESULTS OF CBR TESTS TO BE SUPPLIED AND ANY VARIATIONS TO SUB BASE/CAPPING THICKNESSES TO BE STRICTLY AGREED WITH BARNSELY MBC HIGHWAYS ENGINEER**

WHERE GROUND LEVELS ARE TO BE RAISED UNDER PROPOSED ESTATE ROADS, 6F2 TYPE MATERIAL TO BE USED OR 6F5 IF IMPORTED TO SITE TO THE SATISFACTION OF BMBC HIGHWAYS ENGINEER

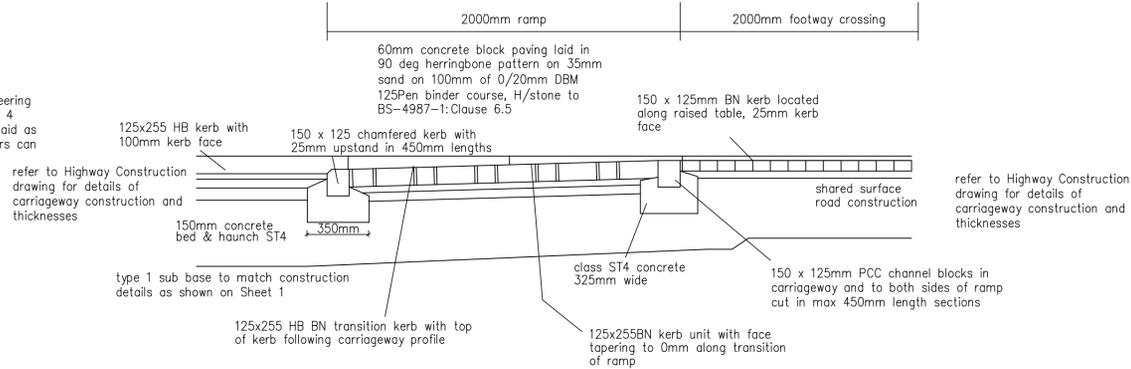
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Revision:		
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e-mail james@jameseatondesign.co.uk		
Client:		
<b>Gleeson Homes</b>		
Site:	<b>Wakefield Road, Smithies.</b>	
Title:		
<b>Highway Construction :</b>		
Sheet 1 of 3.		
Date:	Scales:	Drawing No.
Aug 2024	1/20, NTS	24/792/10905

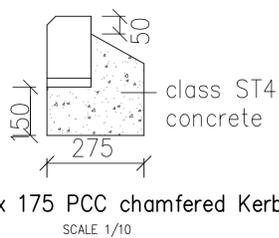
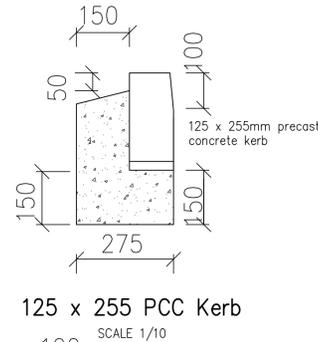
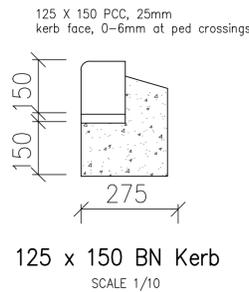
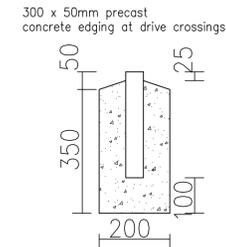
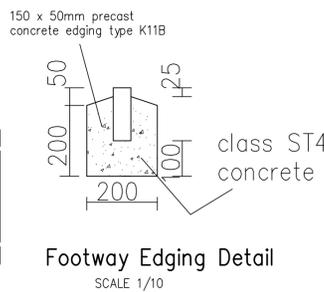
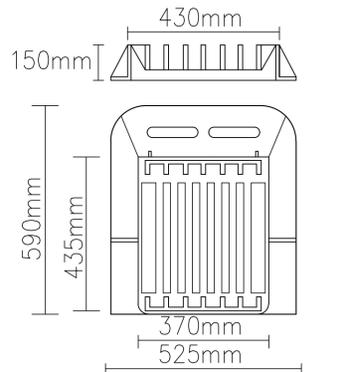
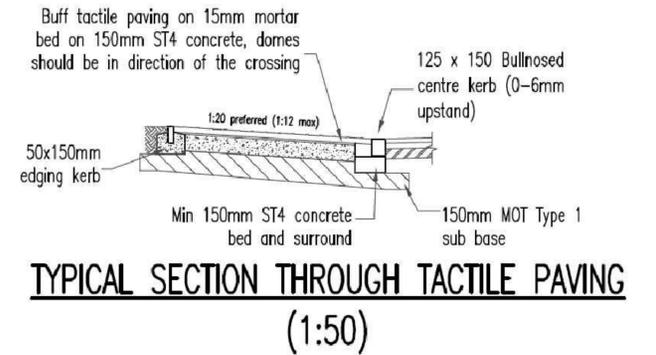
1. All work to be in accordance with the current Building Regulations  
 2. Only written dimensions to be used  
 3. Discrepancies and abnormalities to be reported.  
 4. If in doubt Ask



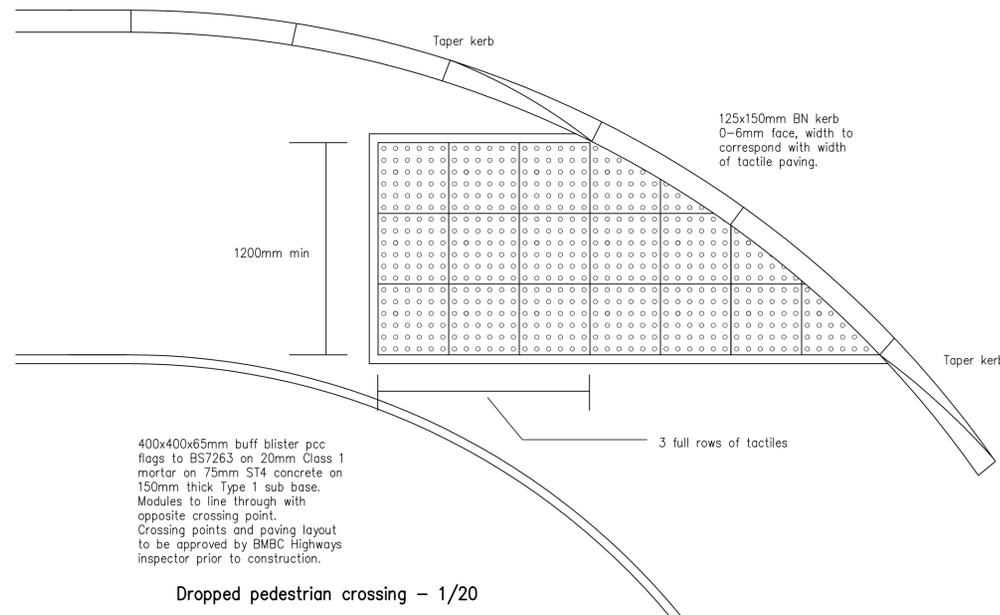
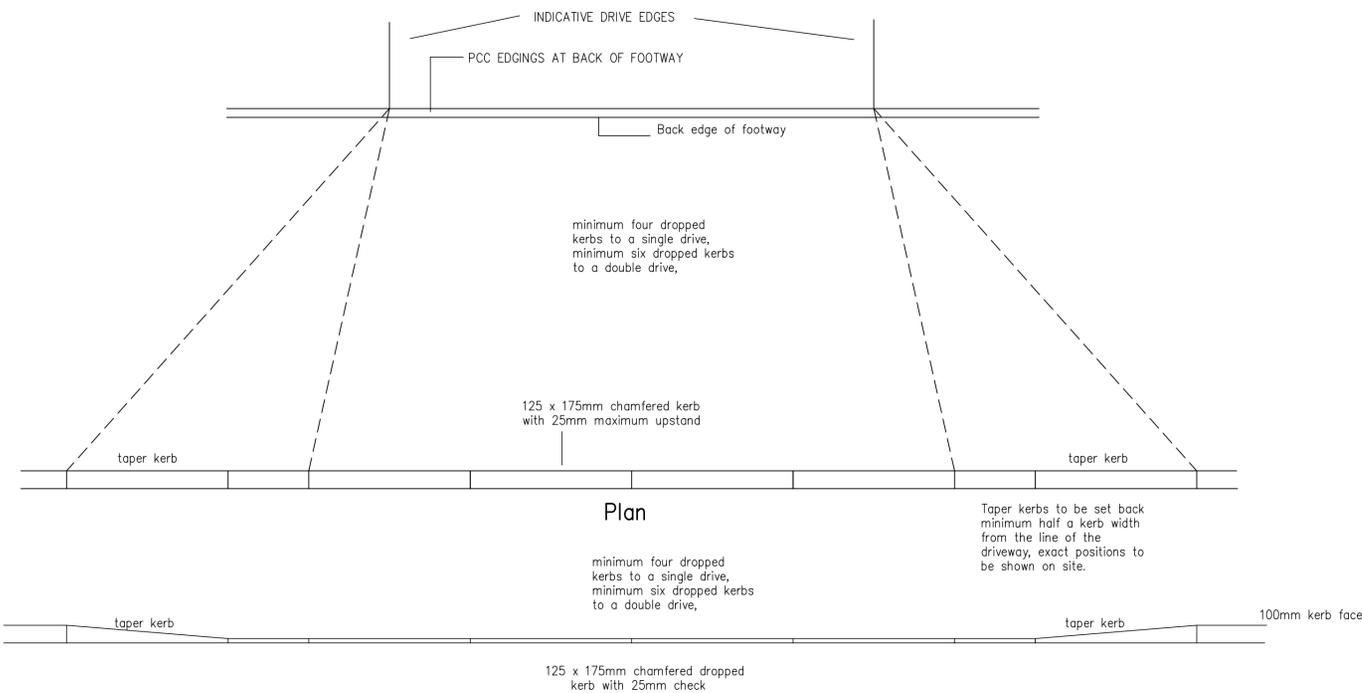
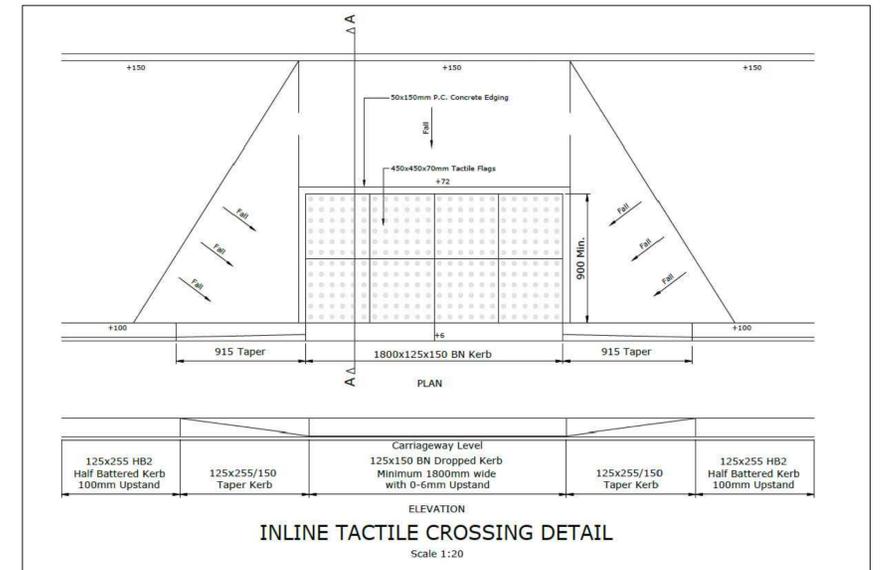
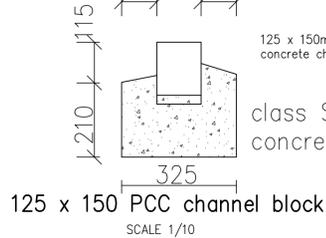
Section through road gully



Ramp Detail at roads 3 & 4 (brindle coloured blocks)



all kerbs bedded on 1:3 sand/cement mortar 25mm thick



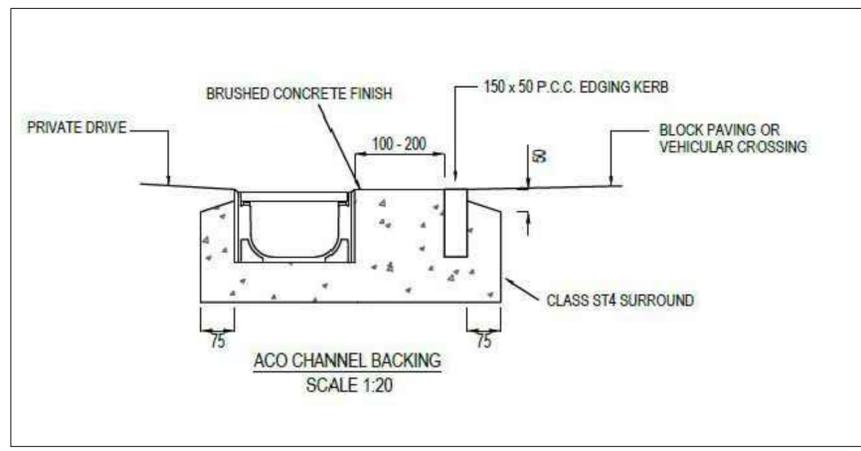
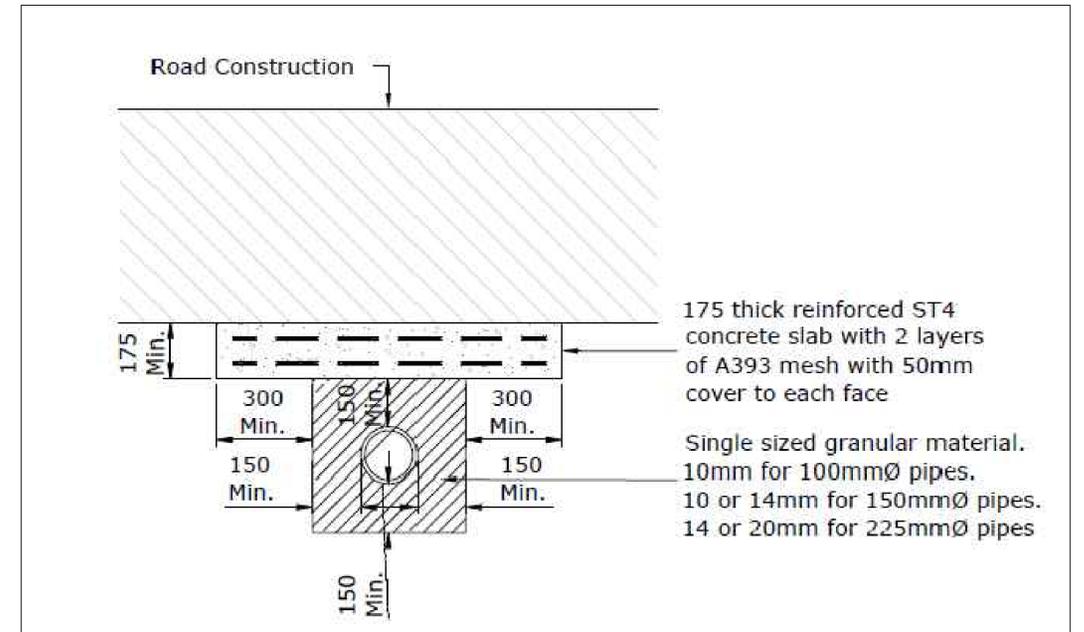
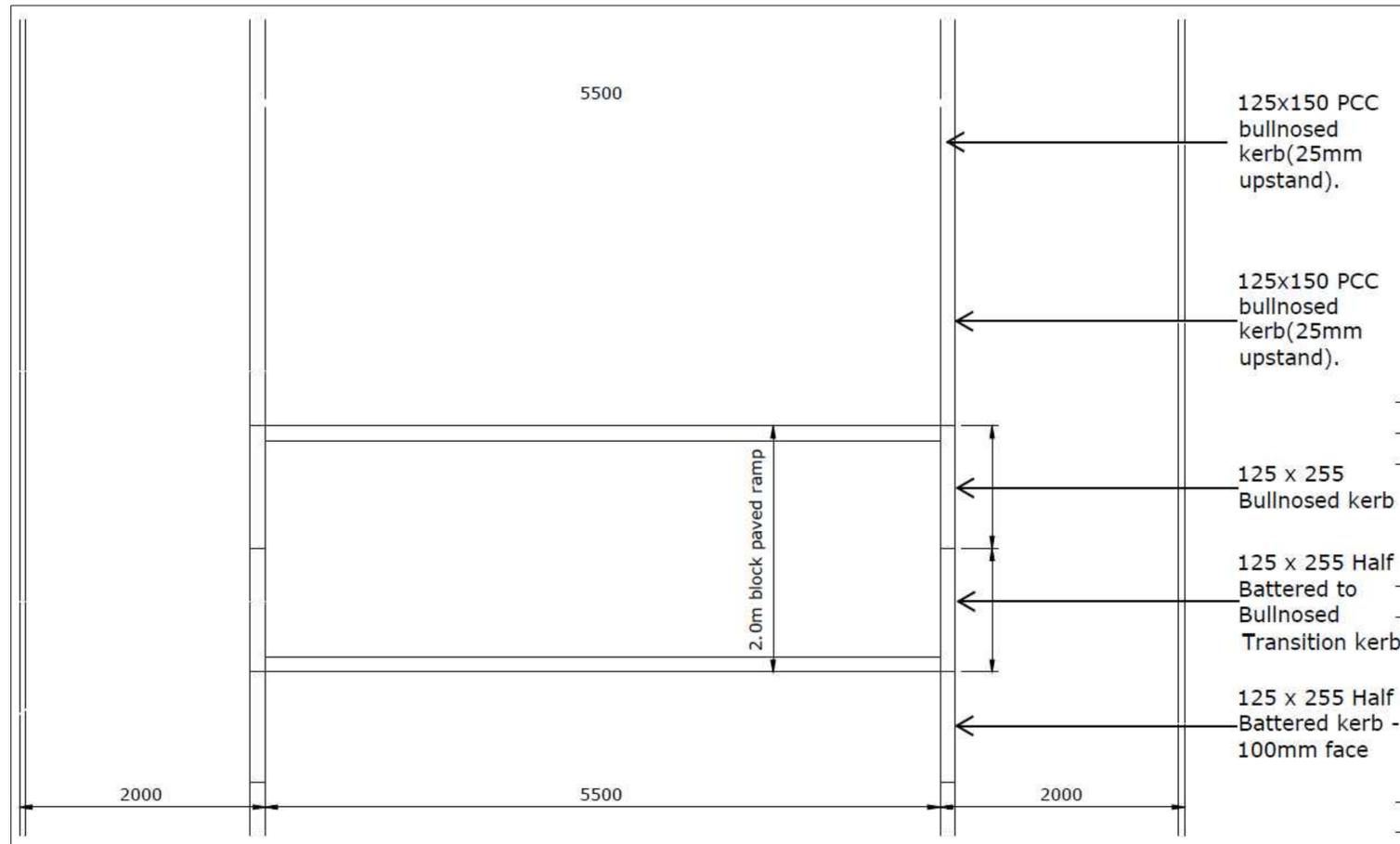
RESULTS OF CBR TESTS TO BE SUPPLIED

WHERE GROUND LEVELS ARE TO BE RAISED UNDER PROPOSED ESTATE ROADS, 6F2 TYPE MATERIAL TO BE USED TO SATISFACTION OF BMBC

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e-mail james@jameseatondesign.co.uk		
Client:		
Gleeson Homes		
Site: Wakefield Road, Smithies.		
Title:		
Highway Construction : Sheet 2 of 3.		
Date:	Scales:	Drawing No.
Aug 2024	1/20, 1/10, NTS	24/792/10906

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<b>A1</b>		
Client:		
Gleeson Homes		
Site: Wakefield Road, Smithies.		
Title:		
Highway Construction :		
Sheet 3 of 3 – BMBC Standard Details.		
Date:	Scales:	Drawing No.
Aug 2024	N T S	24/792/10907