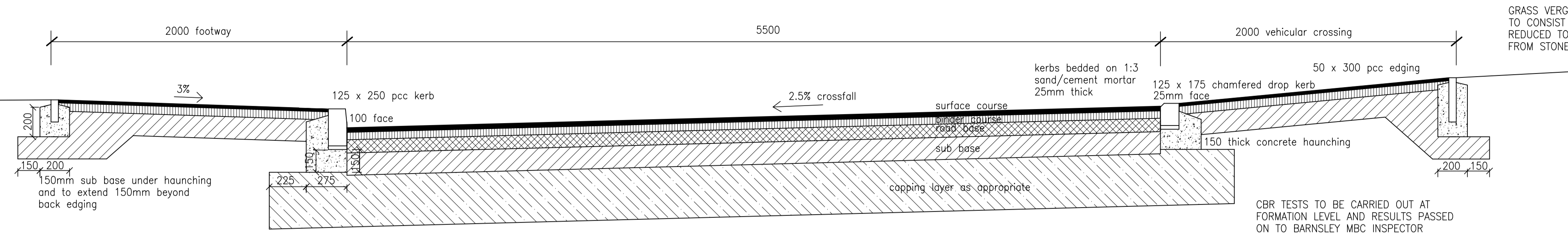


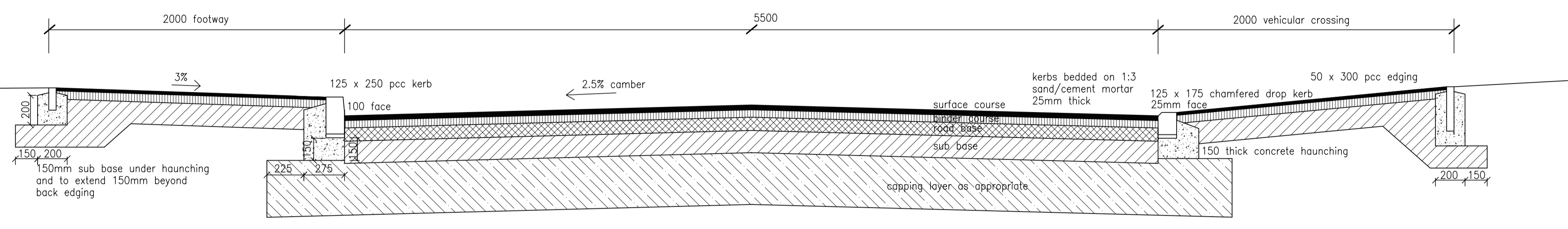
1. All work to be in accordance with the current Building Regulations 2. Only written dimensions to be used 3. Discrepancies and abnormalities to be reported. 4. If in doubt Ask



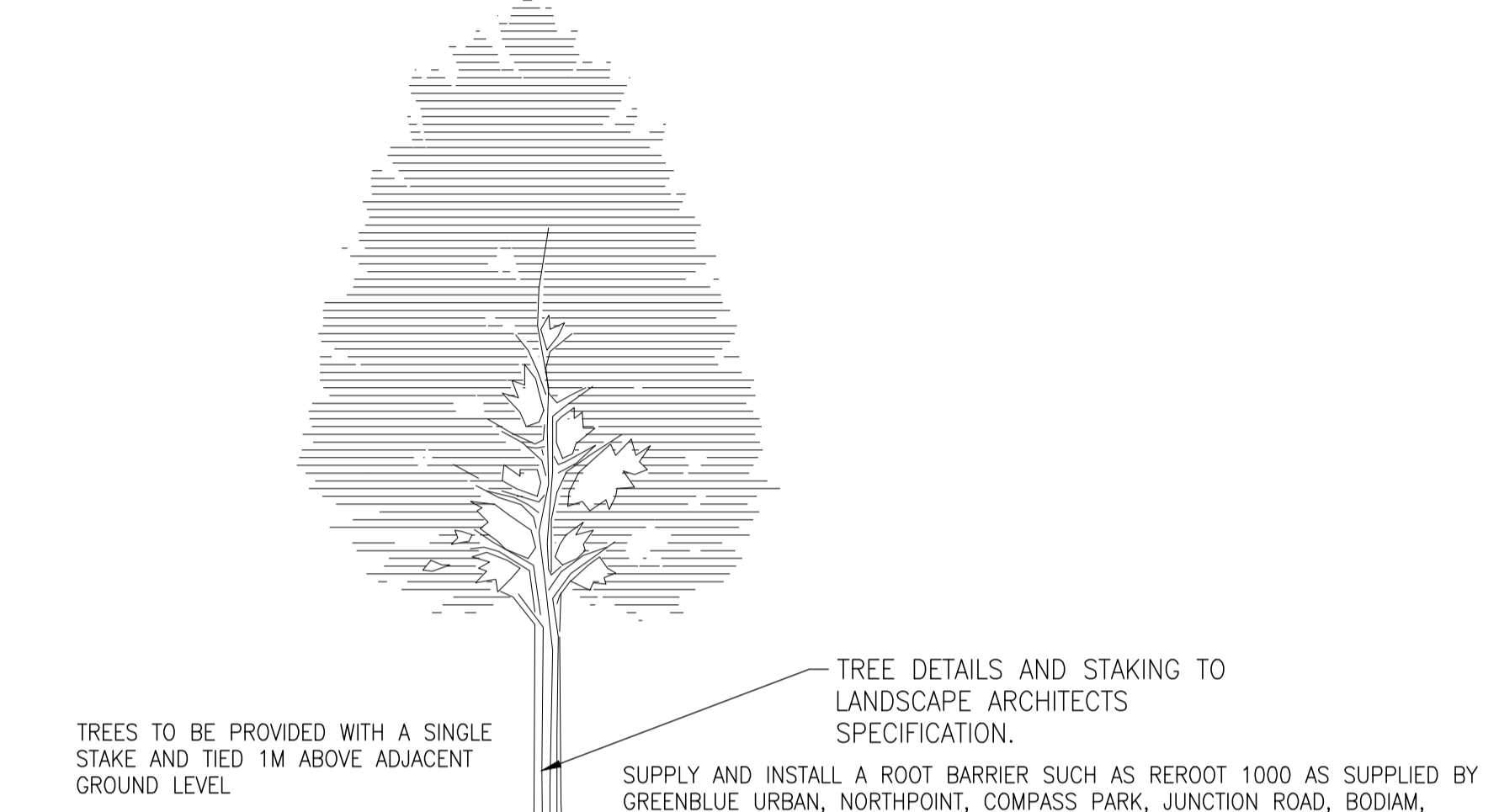
Tarmac Road Construction – Type 4 – Crossfall.
(refer to Layout Drawing)

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.
 150mm thick type 1 sub base – to Specification for Highway Works Clause 803.
 350mm thick approved 6F2 Capping layer – based on 2% CBR

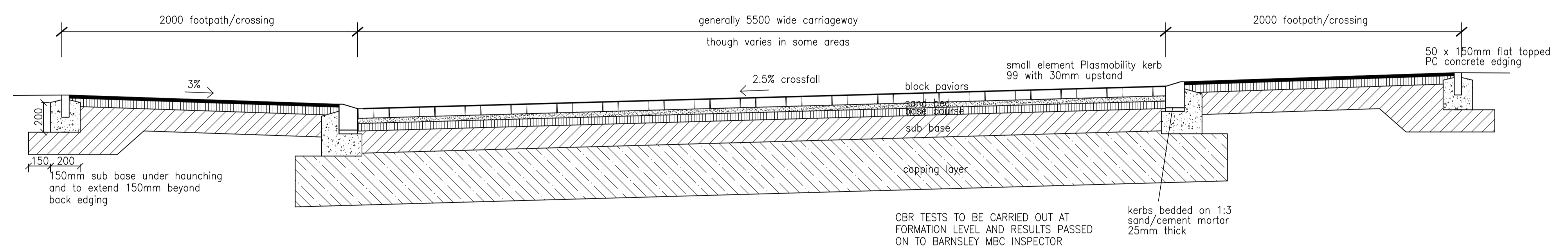
Footway/Vehicular Crossing construction :
 25mm thick 0/6mm DBM 190 Pen surface course – Limestone to BS 4987-1 : Clause 7.5.
 55mm thick (100mm under vehicular crossings) 0/20mm DBM 190 Pen binder course – Limestone to BS 4987-1 : Clause 6.5.
 150mm thick type 1 sub base – to Specification for Highway Works Clause 803.



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



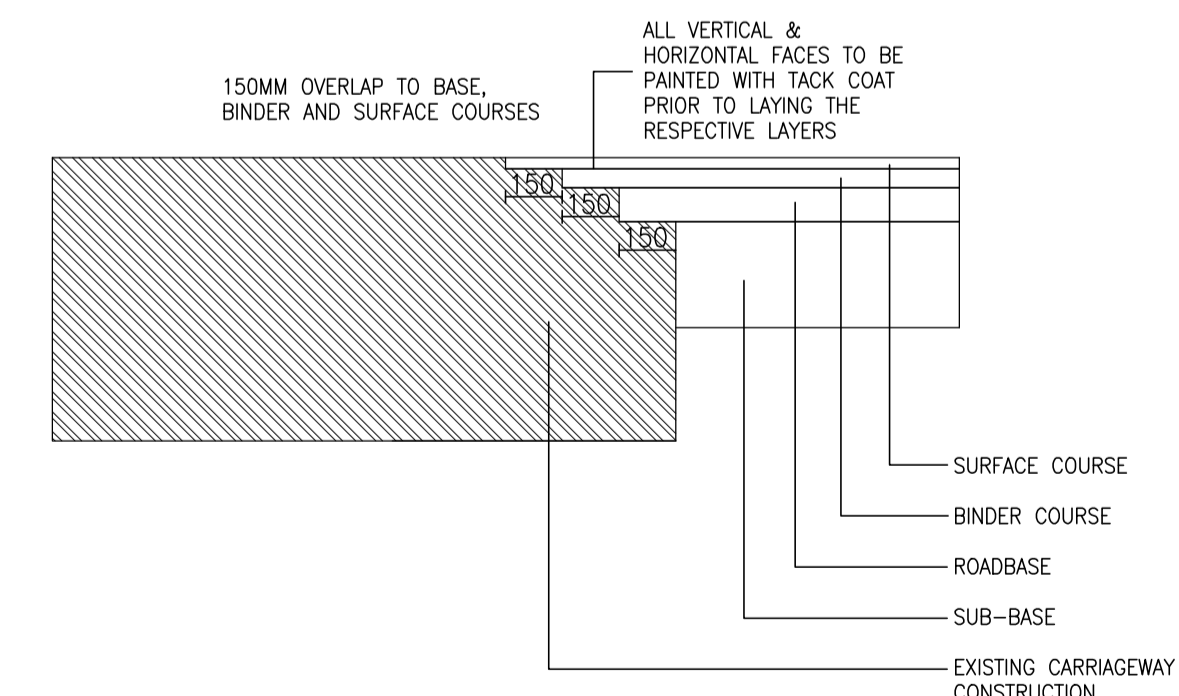
TREE ROOT BARRIER DETAIL
NOT TO SCALE



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
 50mm thick 0/20mm DBM 125 Pen binder course – Hardstone to BS 4987-1 : Clause 6.5.
 150mm thick type 1 sub base – to Specification for Highway Works Clause 803.
 350mm thick approved 6F2 Capping layer – based on 2% CBR

Block Paved Raised Tables – Roads 3, 4 & 10
Road 10 cambered

NOTE THAT IN ACCORDANCE WITH BARNSLEY MBC HIGHWAYS REQUIREMENTS, THERE IS TO BE A MINIMUM OF 4 NO FULL HEIGHT KERBS PLACED BETWEEN VEHICLE/PEDESTRIAN CROSSINGS. IF NOT ACHIEVABLE DROPPED KERBING IS TO BE USED IN LIEU



Construction to be :
 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

CAPPING AND SUB BASE THICKNESS			
CBR %	CAPPING		SUB BASE
<2	600	+	150
2-4	350	+	150
5-14			225
15-30			150

A. 23/05/23 design updated to suit Rev JJ Site Layout
Revision.

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Client:
Gleeson Homes

Site:
Lockwood Road, Goldthorpe.

Title:
Highway Construction :
Sheet 1 of 2.

Date: April 2023 Scales: 1/20, NTS Drawing No. 23/773/10535A

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

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