

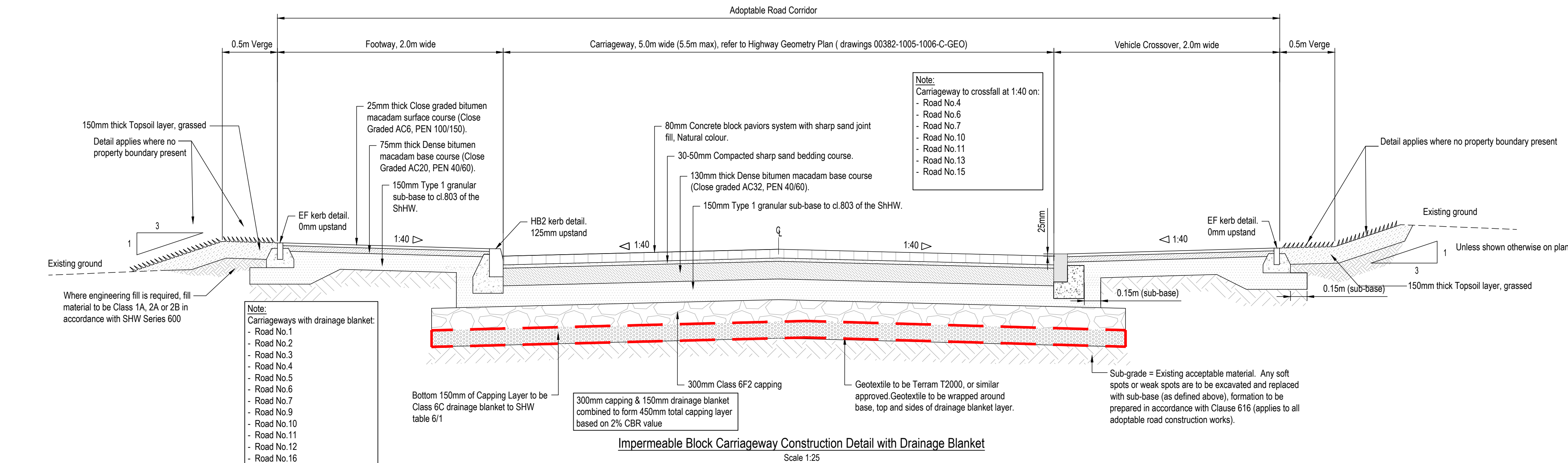
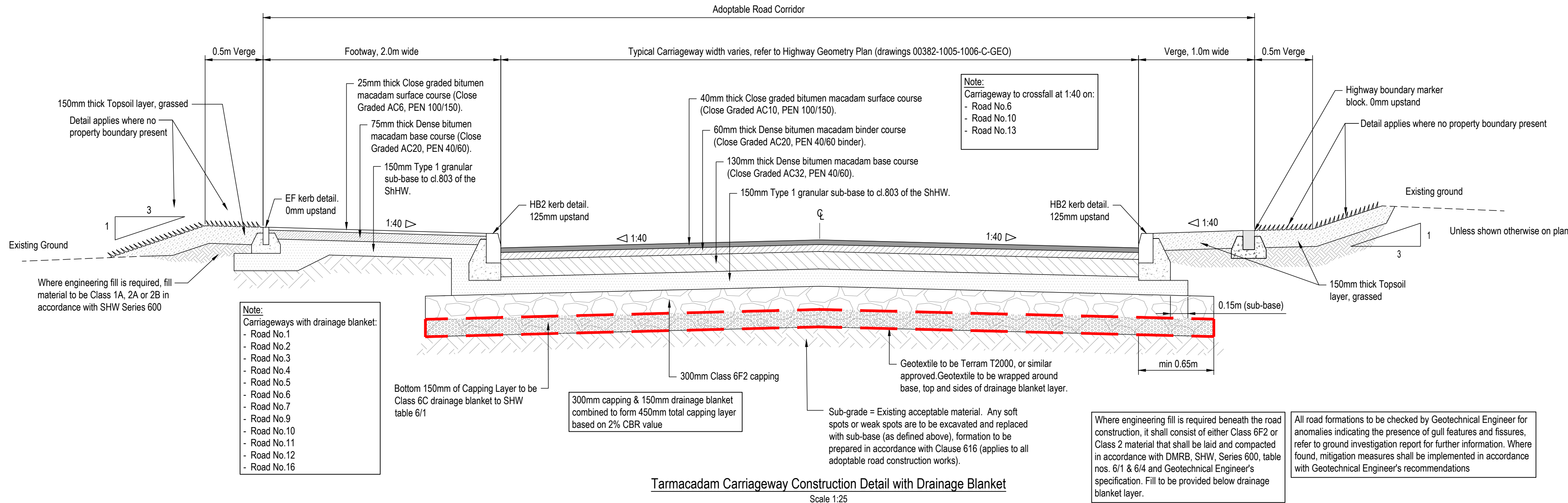
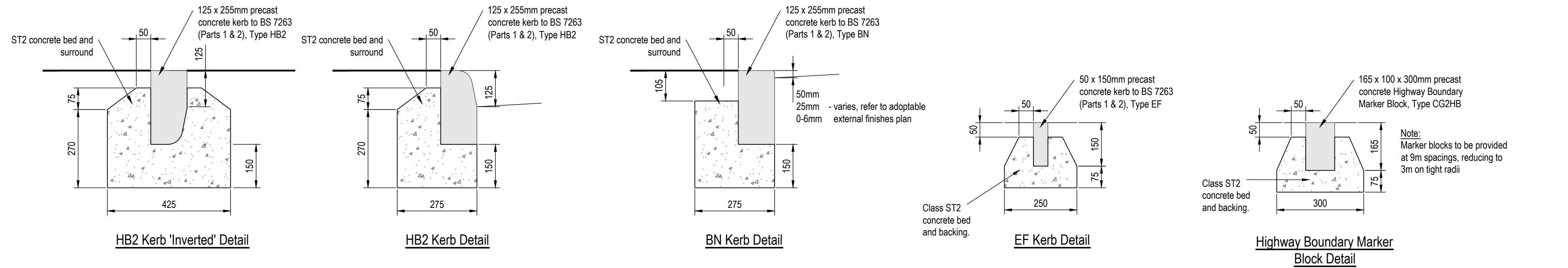


Table 1 - Sub-Base + Capping Depths

CBR	Capping to cl.613	Sub-Base Type 1 to cl.803	Geotextile Required
< 2%	600mm	150mm	Yes + Geogrid
2%	450mm	150mm	Yes
3%	350mm	150mm	Yes
4%	300mm	150mm	No
5%	250mm	150mm	No

Table 2 - Sub-Base Depths (WBC Drawing WSD/900/1).

CBR of sub-grade %	≤2	≤5	≤15	≤30	>30
Sub-base thickness mm	550	350	200	150	0

2-6mm Bedding Course	
Sieve Size	% Passing
10mm	98-100
6.3mm	80-100
2mm	0-20
1mm	0-5

Construction Notes:

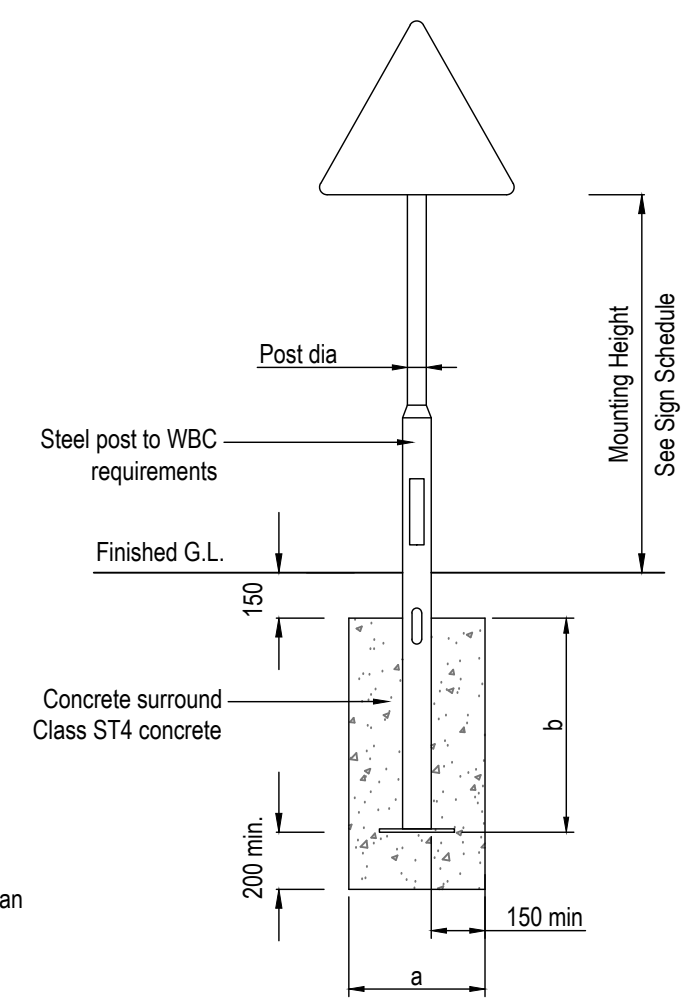
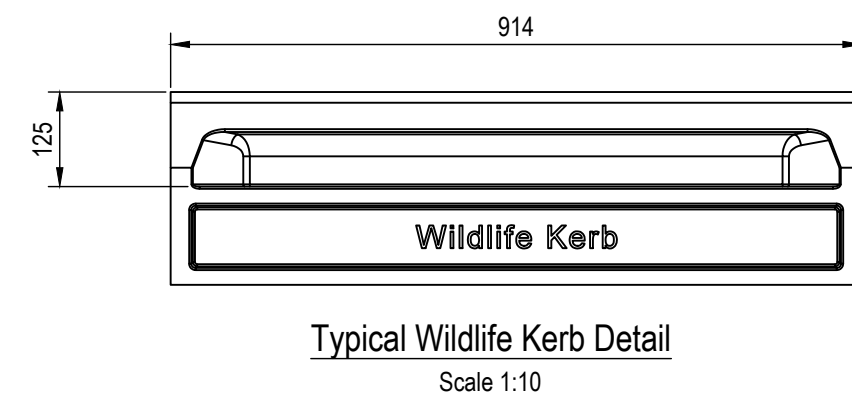
- Eastwood Ground Investigation Ref: 41623-42, states CBR values 2% for Parcel 4 & 5. **CBR values to be confirmed by on-site testing.** Where CBR's are less than 2% a specialist design is required unless agreed otherwise with the highways authority.
- Sub-grade below construction = Existing acceptable material. Any soft spots or weak spots are to be excavated and replaced with sub-base (as defined above), formation to be prepared in accordance with Clause 616.
- In all cases overall road construction shall be a minimum of 450mm for frost susceptibility of sub-soils. Where the standard detail is less the sub-base thickness shall be increased as necessary.
- Specification for permeable sub-base and laying course - the crushed stone must possess well defined edges and have a minimum of 10% fines value of 150kN when tested in accordance with BS812 Part 111
- When laid to either 90 or 45 degrees herringbone pattern then the edge perimeter to be laid with two rows of stretcher bond set parallel to the edge restraint. Where block pavers are laid abutting drainage channels, gully grates and the like, the upper surface o the block pavers shall be set between 3mm and 6mm above the grating. Manufacturer's declared value markings W3 and S4 are acceptable if W3 is 1.0kg/m² or less and S4 is 45 or more based on 'C scale unit' (with regard to abrasion, Class A2, no test result is greater than 23mm; and class A1 = no performance determined).
- Where geogrids are to be used these shall be designed by a specialist be installed in accordance accordingly to specialist specification.
- All details subject to approval by Wokingham Borough Council as part of the S38 application.

General Notes

- Where this drawing has been issued in electronic .dwg format, it has been done so in good faith. JNP Group do not take any responsibility for any inaccuracies in the electronic data, which should be checked against the paper (or .pdf) drawing issue. Any apparent discrepancies should be immediately reported to JNP Group. The electronic .dwg file should not be assumed to be to scale and should not be used for 'overlaying', setting out or checking of any third party information. All dimensions should be taken from the paper (or .pdf) version of the drawing. Electronic drawings may contain third party information. JNP Group take no responsibility for this information, which should be checked against the originators paper drawing(s).
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- This drawing should only be used for construction if the drawing status is "A4 - Approved/Stage Complete". JNP Group takes no responsibility for construction works undertaken to drawings that are not marked with this status.

Health & Safety Note

The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.



Traffic Sign Post and Footing Detail NTS

Planting Depths and Base Details		
Post dia	Dimension 'a'	Dimension 'b'
76	1000	700 large base

Blanking or cover plates
 16swg aluminium for either steel or aluminium substrates

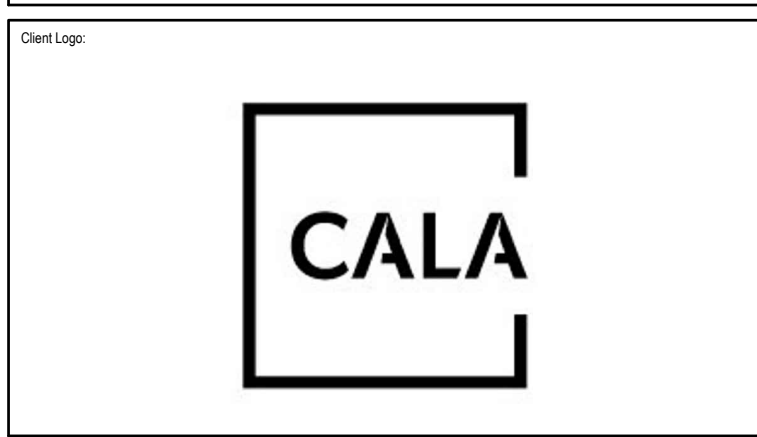
Notes for traffic signs:

- All dimensions are in millimetres unless stated otherwise.
- Signs shall be manufactured to: the current parts of BS EN 12899:2007 and BS EN 12899-1:2007, 'The Traffic Signs Regulations and General Directions', and 'The Traffic Signs Manual'.
- Sign faces shall be manufactured from 3.0mm thick sheet aluminium. Reflective signs Class RA1 shall be as defined in BS EN 12899-1: 2007.
- Where required, cover or blanking plates shall be fixed with 5mm dia. stainless steel bolts, washers and nuts, with a 5mm thick by 12mm dia. plastic distance piece between the sign face and plate.
- Hole to be formed in concrete to line up with cable entry slot of column. (Lit signs only)
- Doors to base compartment shall face away from oncoming traffic. (Lit signs only)
- Post and Footing Notes:
 - Planting depth, outside diameter of post, and footing dimensions 'a' and 'b' shall be as specified on the traffic signs schedule. Dimension 'a' may be either circular or square.
- The void above the upper surface of the footing shall be backfilled or reinstated.

Rev	Date	Description	Drawn / Check / App'd
C03	24/09/2025	Traffic Sign Post detail added to drawing.	AK/KMKM
C02	30/05/2025	Road base course thickness updates as per WBC specification.	AK/KMKM
C01	21/02/2025	Revised for construction.	AK/KMKM
P01	07/01/2025	First issue	JG/CPR/KM

Stability:

A4 - Approved/Stage Complete



Client:	Cala Homes Thames Ltd
Job:	Finchwood Park - Parcel 5
Title:	S38 Construction Details Sheet 1 of 4
Classification:	FL_60_20
Scale @ A1:	As Shown
Revision:	C03