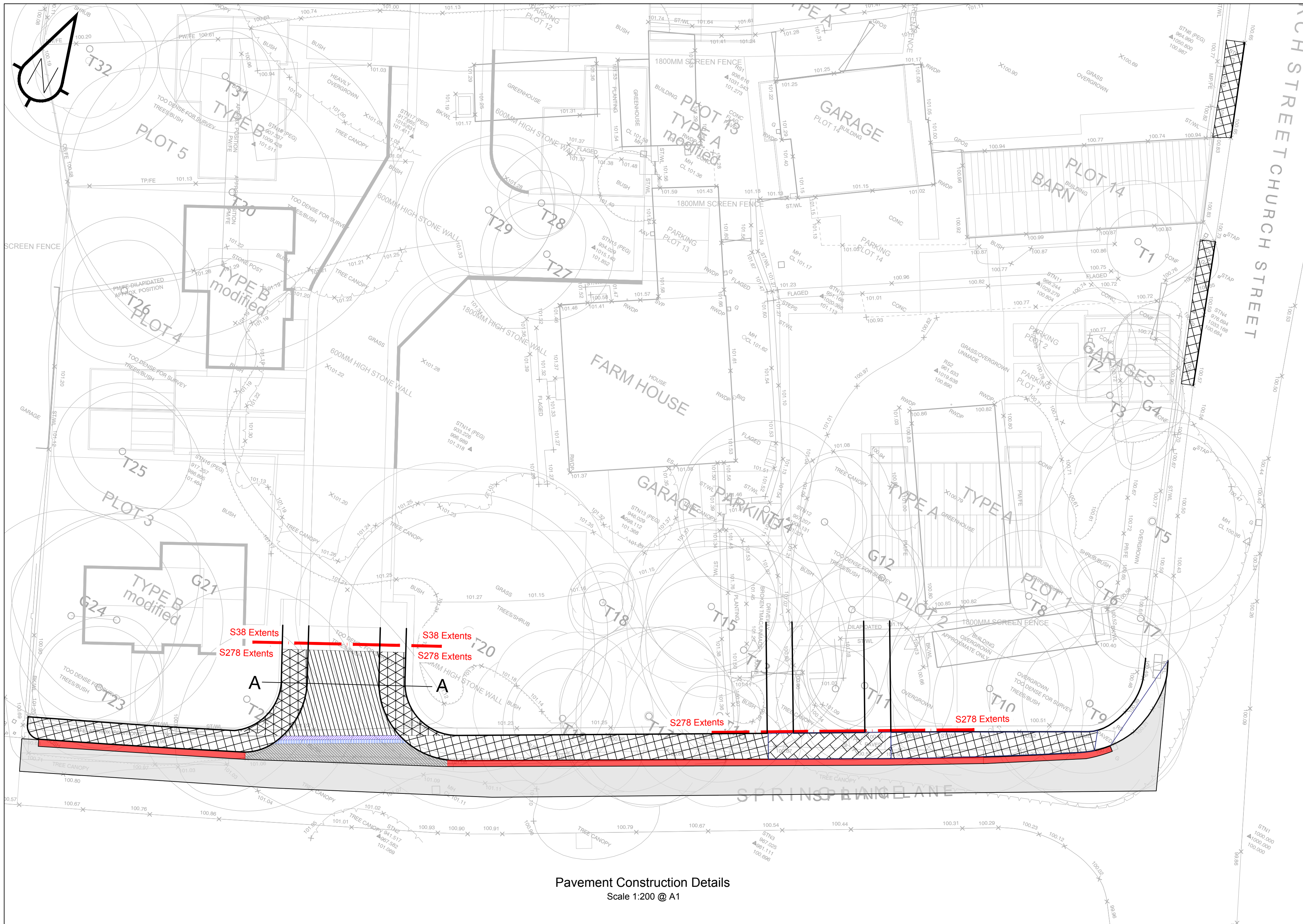
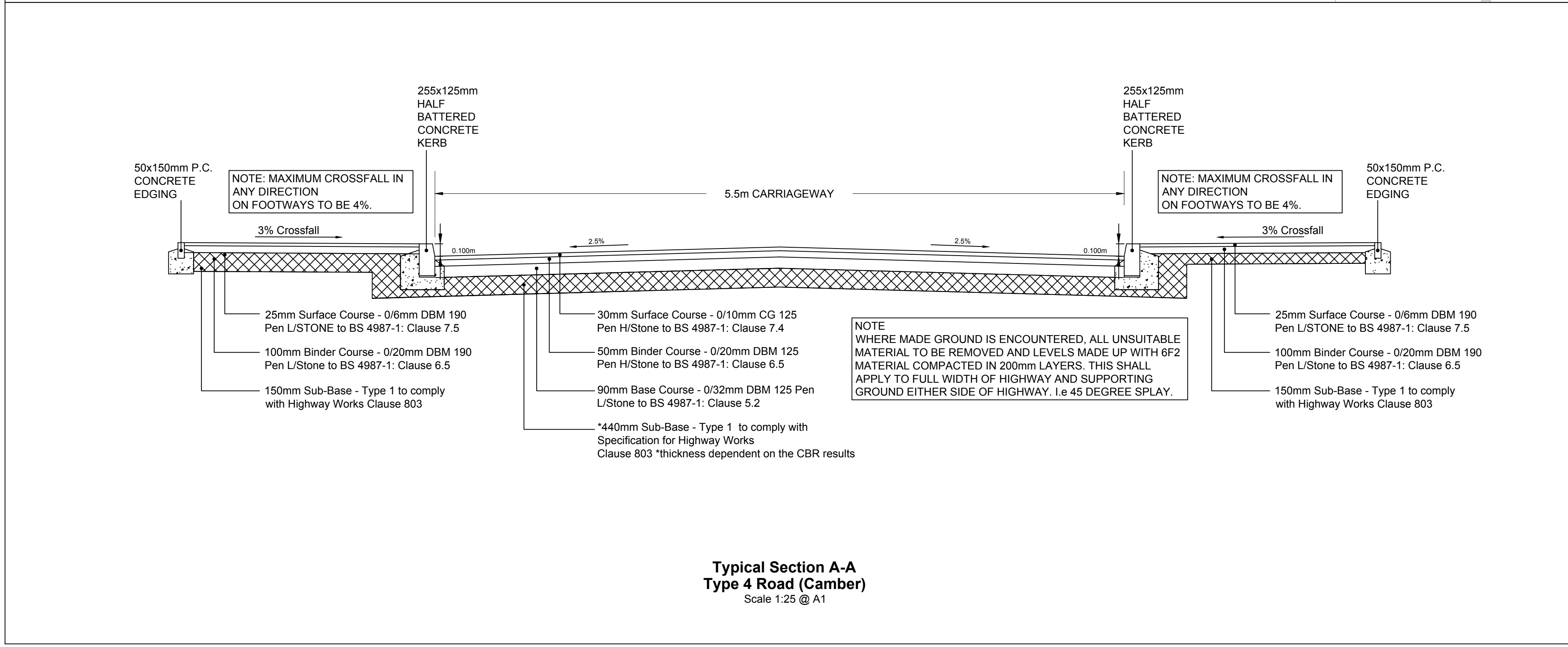




Pavement Construction Details
Scale 1:200 @ A1



Pavements Key:

Carriageway Construction - Excavate existing material to formation level and reconstruct with:
30mm Surface Course - 0/10mm CG 125 Pen H/Stone to BS 4987-1: Clause 7.4
50mm Binder Course - 0/20mm DBM 125 Pen L/Stone to BS 4987-1: Clause 6.5
90mm Base Course - 0/32mm DBM 125 Pen L/Stone to BS 4987-1: Clause 5.2
*440mm Sub-Base - Type 1 to comply with Specification for Highway Works Clause 803

*thickness dependent on the CBR results

Footway Construction

25mm Surface Course - 0/6mm DBM 190 Pen L/STONE to BS 4987-1: Clause 7.5
100mm Binder Course - 0/20mm DBM 190 Pen L/Stone to BS 4987-1: Clause 6.5
150mm Sub-Base - Type 1 to comply with Highway Works Clause 803

Footway Construction - Carriageway Cross-over Construction

25mm Surface Course - 0/6mm DBM 190 Pen L/STONE to BS 4987-1: Clause 7.5
100mm Binder Course - 0/20mm DBM 190 Pen L/Stone to BS 4987-1: Clause 6.5
250mm Sub-Base - Type 1 to comply with Highway Works Clause 803

Footway Construction - Perforate existing surface at 500mm intervals and reconstruct with:

25mm Surface Course - 0/6mm DBM 190 Pen L/STONE to BS 4987-1: Clause 7.5
Regulating Binder Course - 0/20mm DBM 190 Pen L/Stone to BS 4987-1: Clause 6.5
or Regulating Sub-Base, Type 1 to comply with Specification for Highway Works Clause 803.
*In areas of existing footway perforation not required

Carriageway Overbreak Reinstatement Strip

Plane existing carriageway surface minimum depth 50mm - 500mm wide.
Clean planed surface of all loose material and spray with tack coat. Regulate with Binder Material as required and lay:
50mm - 30mm Surface Course - 0/10mm CG Surface Course 125 Pen H/Stone to BS 4987-1: Clause 7.4
Any back fill required which exceeds the 50mm depth is to be filled with ST4 concrete

Carriageway Plane and Resurface

Plane existing carriageway surface to a minimum depth of 30mm
Clean planed surface of all loose material and spray with tack coat.
Regulate with binder course material where required and lay:
30mm Surface Course - 0/10mm CG 125 Pen H/Stone to BS 4987-1: Clause 7.4
Regulating Binder Course - 0/20mm DBM 125 Pen H/Stone to BS 4987-1: Clause 6.5

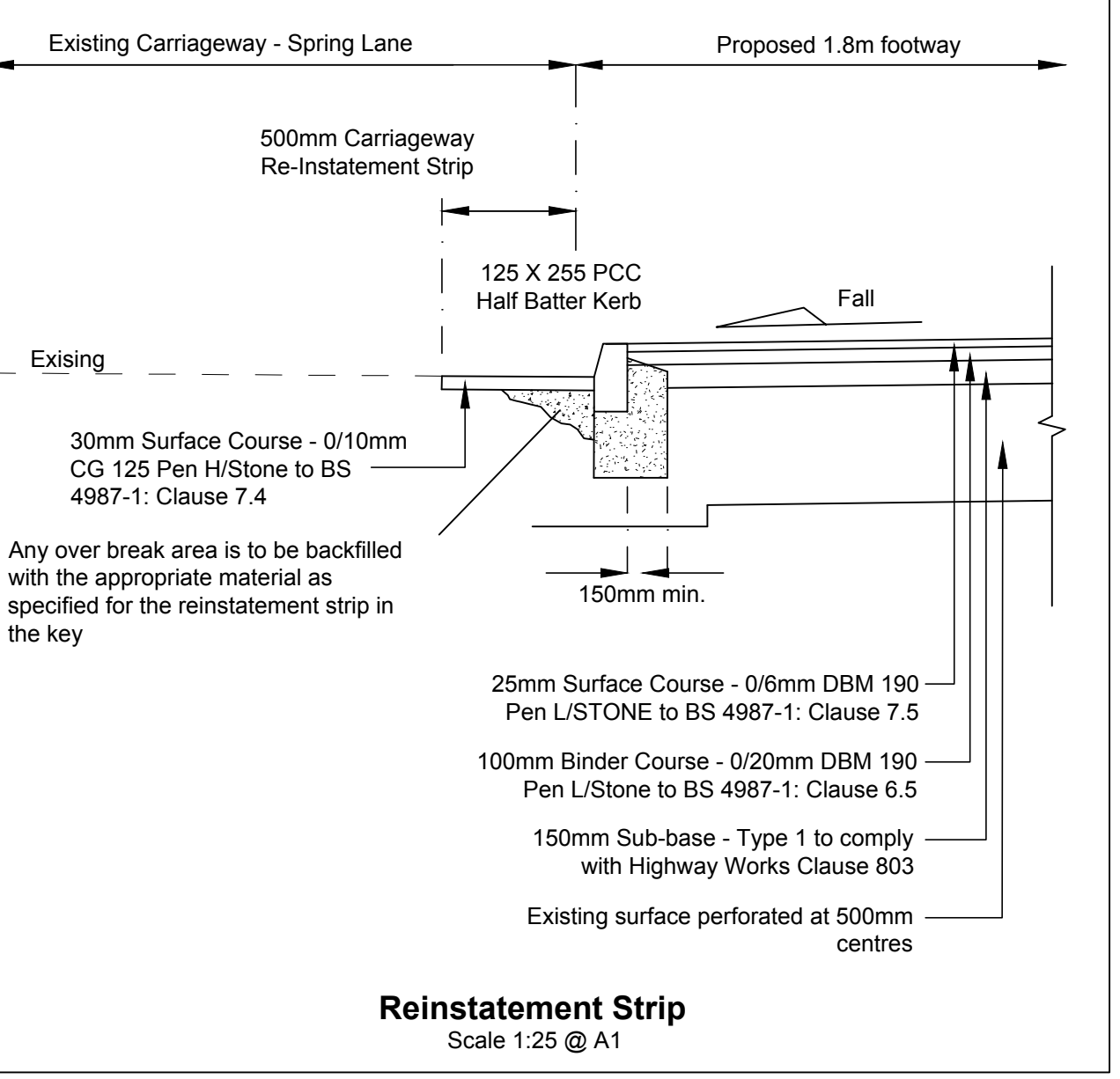
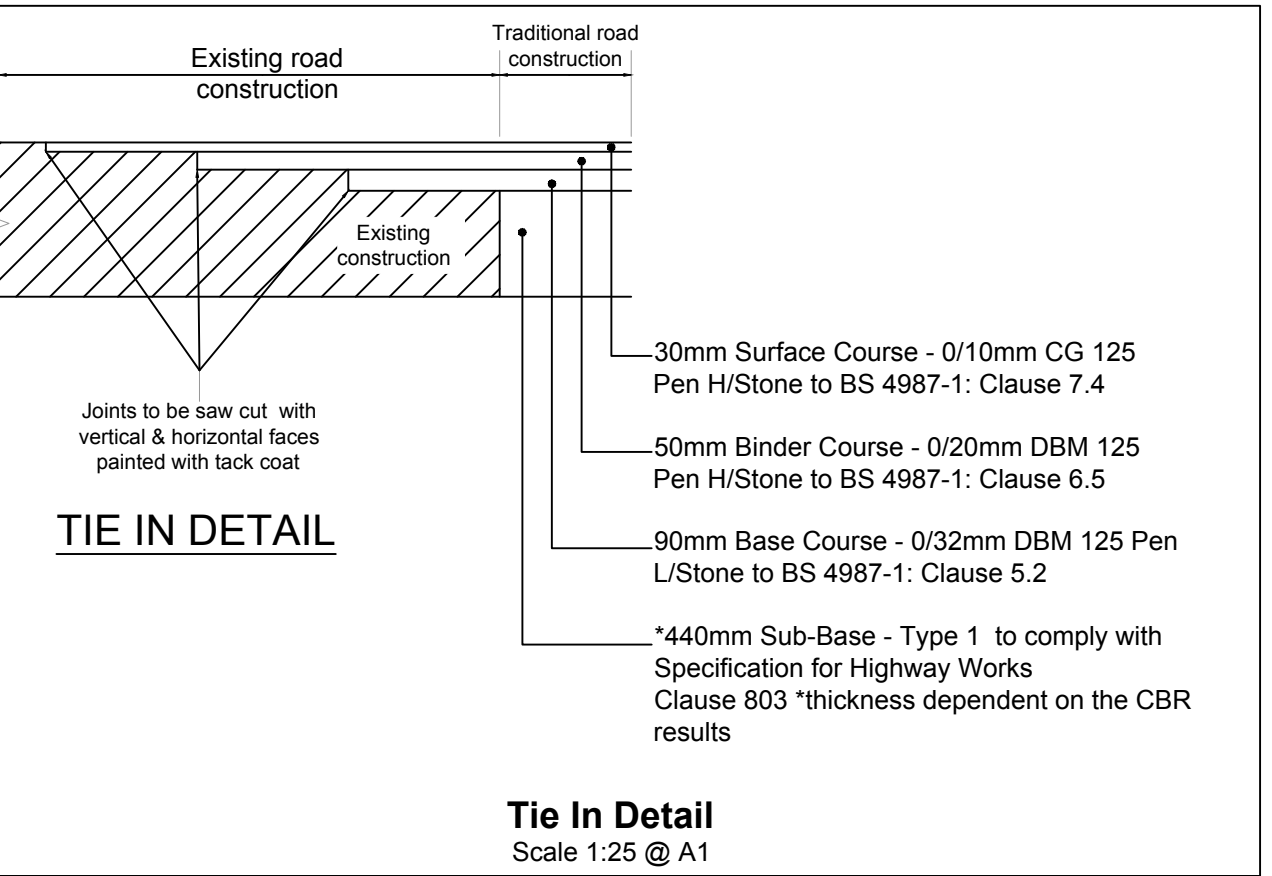
KEY: Existing Carriageway Construction Tie in Detail

0m - 300mm:
*30mm Surface Course - 0/10mm CG 125 Pen H/Stone to BS 4987-1: Clause 7.4
*50mm Binder Course - 0/20mm DBM 125 Pen H/Stone to BS 4987-1: Clause 6.5
*90mm Base Course - 0/32mm DBM 125 Pen L/Stone to BS 4987-1: Clause 5.2

300mm-600mm:
*30mm Surface Course - 0/10mm CG 125 Pen H/Stone to BS 4987-1: Clause 7.4
*50mm Binder Course - 0/20mm DBM 125 Pen H/Stone to BS 4987-1: Clause 6.5

600-900mm:
Plane existing carriageway surface to a minimum 30mm depth. Clean planed surface of all loose material and spray with tack coat. Regulate with binder course material where required and lay:
*30mm Surface Course - 0/10mm CG 125 Pen H/Stone to BS 4987-1: Clause 7.4

*Assumed depth of existing carriageway construction. Proposed construction depths to match existing construction depths and tie into proposed new full carriageway construction.



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- Service connections are not shown but their presence should be anticipated.
- Reference to any third party equipment shown on this drawing was only relevant at the time the drawing was prepared.
- It is the client's responsibility to ensure that any equipment ordered meets the design.

F	Amendments following Council comments received 13/09/21	LOB	16.09.21	DAH
E	Amendments following Council comments received 26/08/21	WW	03.09.21	PJM
D	Amendments following Council comments received 26/07/21	LOB	30.07.21	PJM
C	Amendments following Council comments received 19.05.21	LOB	21.06.21	PJM
B	Amended base with new kerb alignment on Spring Lane	CH	14.04.21	PJM
A	Amending 'extents of S278 limits' and updating details accordingly	NJB	21.09.20	PJM
Rev	Amendment	Drawn	Date	Checked

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Client	YGI Ltd		
Project Title	Proposed Residential Developemnt Stud Farm, Barnsley		
Drawing Title	Pavement Construction and Typical Highway Details		
Scale	As Shown @ A1	Drawn By	LOB
Drawing Size	A1	Checked By	PJM
Date	20/04/20	Approved By	PJM
Drawing Number	11444-700-001	Rev	F