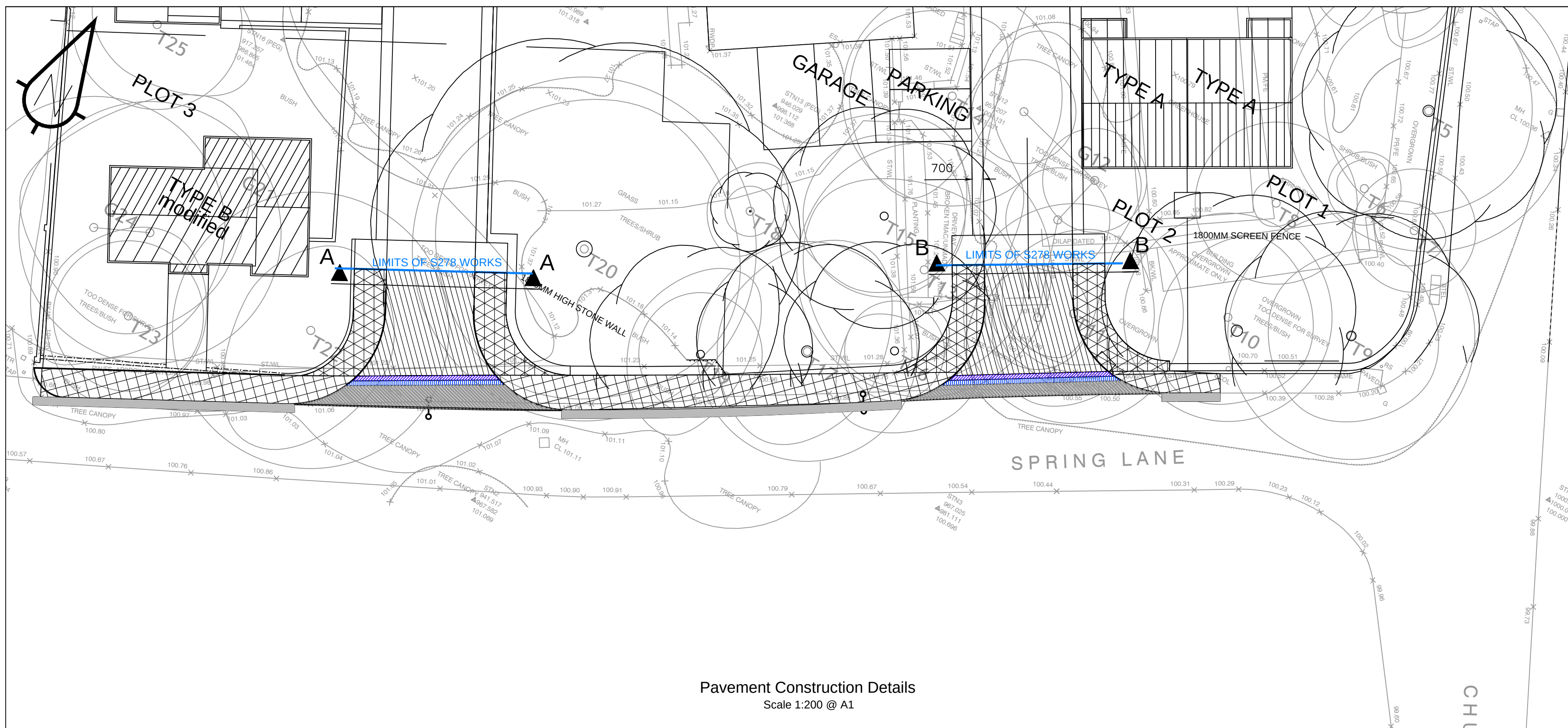




Pavement Construction Details
Scale 1:200 @ A1

Pavements Key:

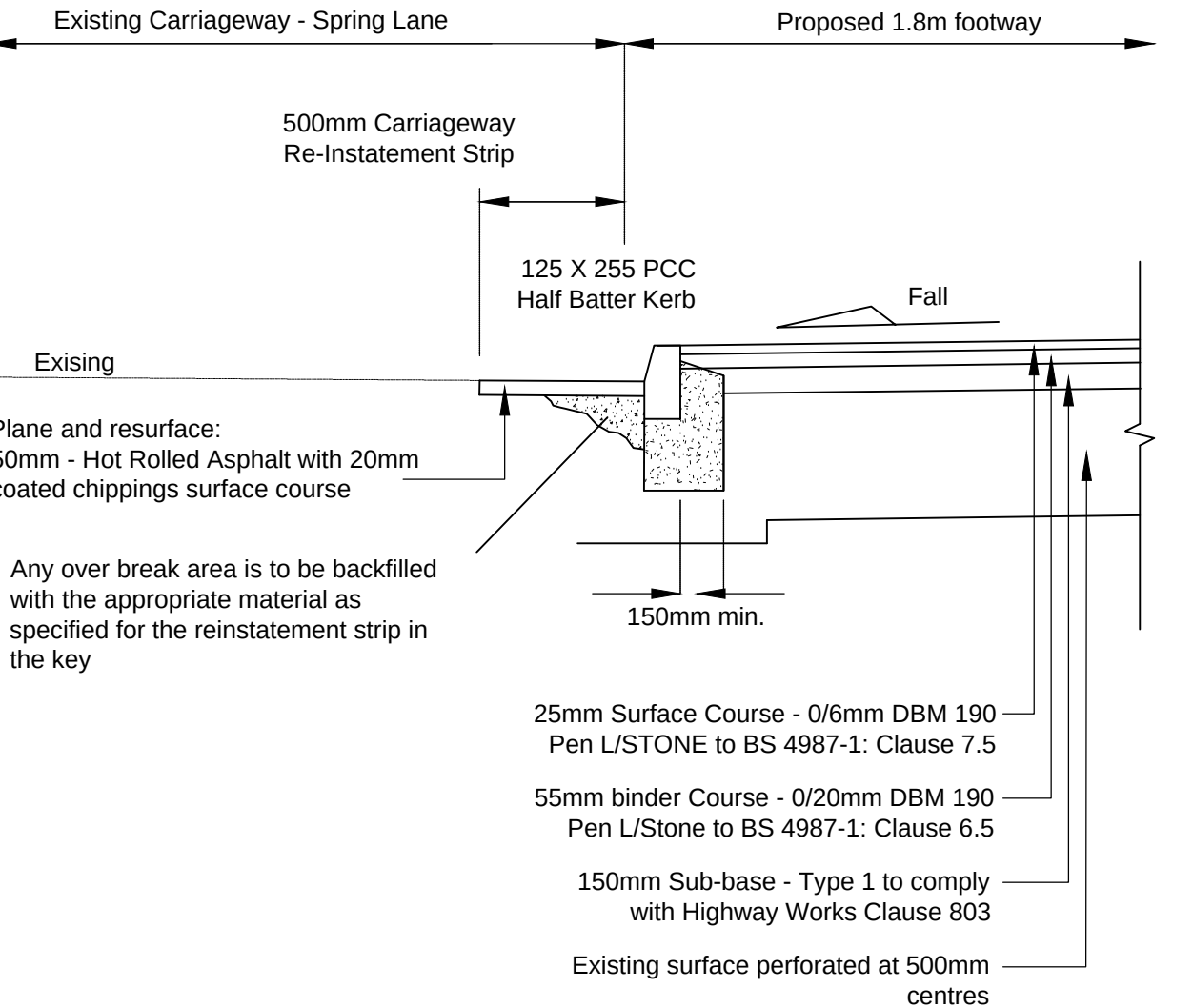
- Carriageway Construction** - Excavate existing material to formation level and reconstruct with:
- 30mm Surface Course - 0/10mm CG 125 Pen H/Stone to BS 4987-1: Clause 7.4
 - 50mm Binder Course - 0/20mm DBM 125 Pen H/Stone to BS 4987-1: Clause 6.5
 - 90mm Base Course - 0/32mm DBM 125 Pen L/Stone to BS 4987-1: Clause 5.2
 - *280mm 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
- 55mm 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** - Perforate existing surface at 500mm centres 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.
- 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

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.



Reinstatement Strip
Scale 1:25 @ A1

Rev	Amendment	Drawn	Date	Checked

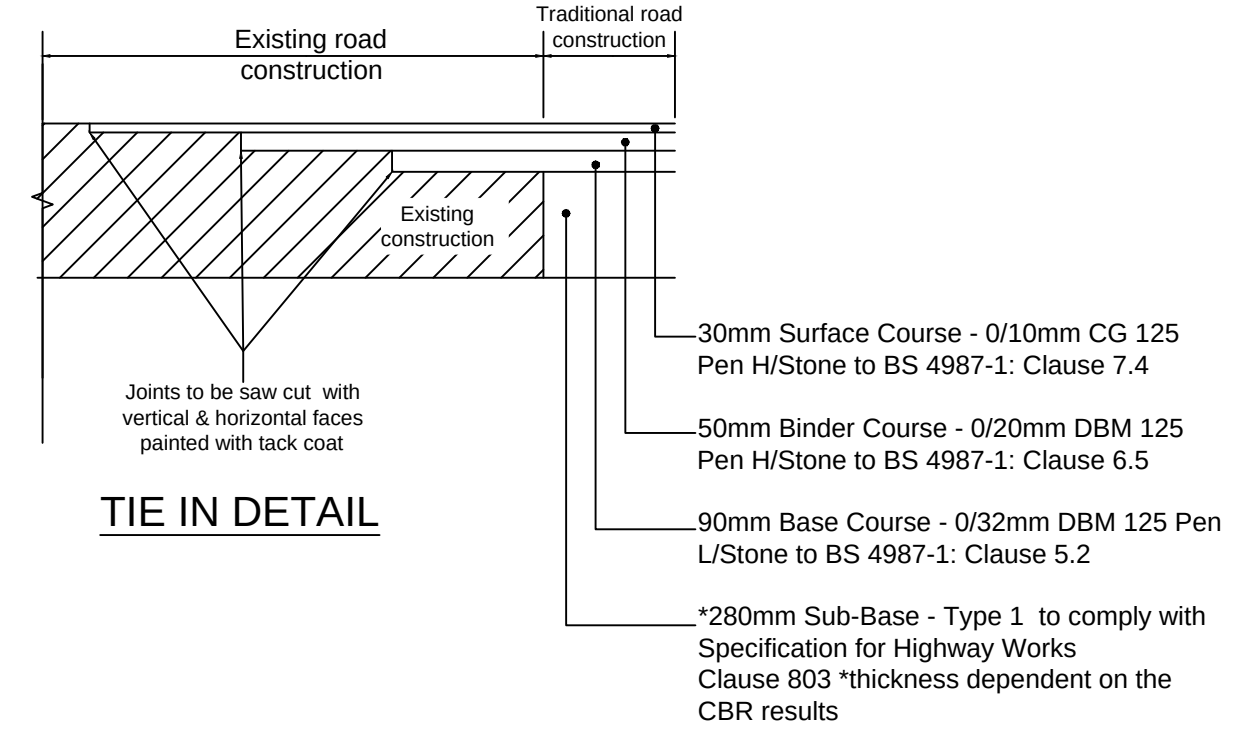
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Client
YGI Ltd

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 -



Tie In Detail
Scale 1:25 @ A1