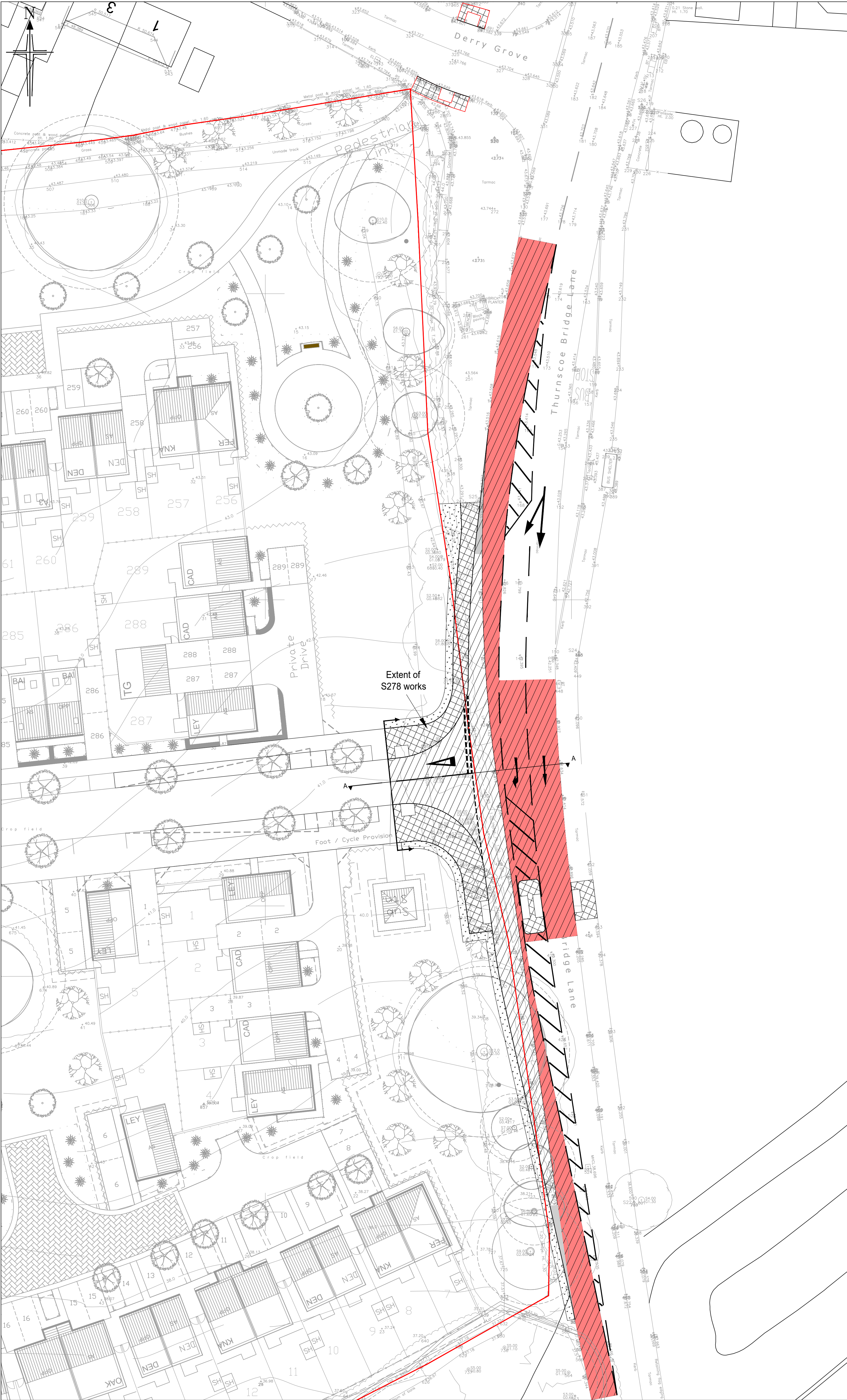




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NOTES:

1. Site Layout taken from Avant Homes Dwg No. 2411-200 Rev D. Drawing produced October 2024 and last revised June 2025.
2. Topographical Survey taken from Haycock + Todd Dwg No. S10247. Drawing produced April 2022.
3. Before proceeding with the construction work, the setting out lines are to be agreed with the Engineer.
4. Any discrepancies with regards to setting out information should be reported to Bryan G Hall Limited immediately.

CONSTRUCTION NOTES:

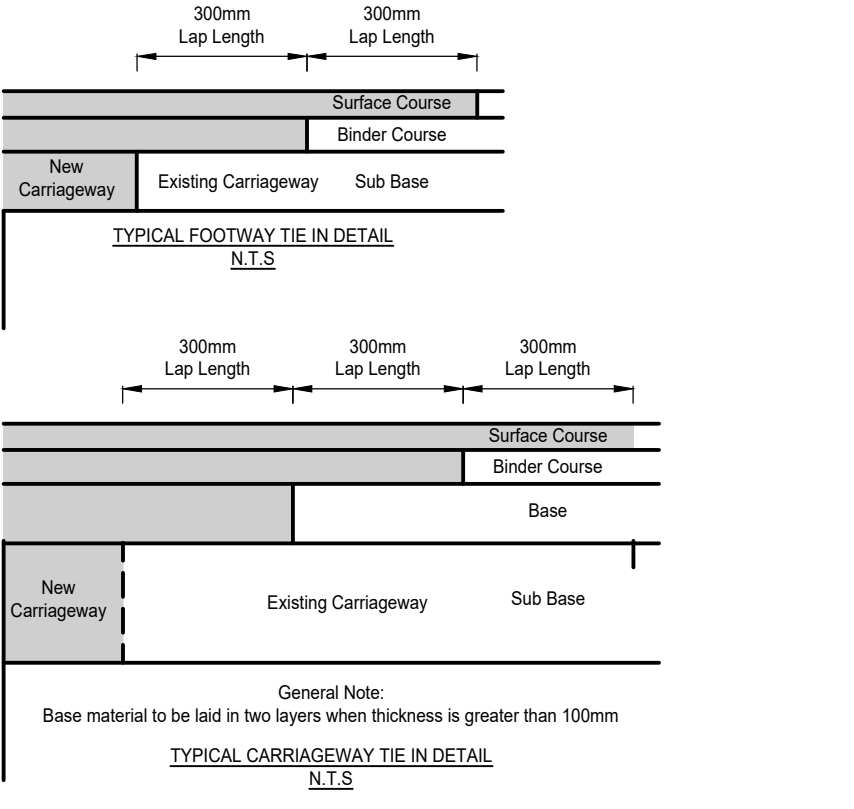
1. All works shall be carried out in accordance with 'The standard Specification for Highway works' and Local Highways Authorities Specification unless otherwise instructed by the local inspecting officer.
2. Refer to series 900 of Volume 1 of the Manual of Contract Documents for Highway Works for road pavements and bituminous bound material specifications.
3. The vertical joint between existing and new surfacing shall be painted with 100 pen bitumen.
4. Cationic bituminous emulsion shall be applied to all surfaces receiving H.R.A., D.B.M. and Thin Surfacing.
5. The contractor is to provide and maintain a pedestrian route through the works at all times defined by suitable barriers and lights where necessary. The contractor is obliged to obtain necessary road opening notices or licenses prior to commencement of the works.
6. All statutory undertakers covers and frames to be lifted to suit new carriageway levels prior to surfacing.
7. All paving details to tie into existing. Paving not to be laid in conditions deemed too cold.
8. Before proceeding with the construction work, the setting out lines are to be agreed with the Engineer.
9. No limestone aggregate to be used where binder course may form a temporary running lane to public vehicles.
10. Final surfacing should not be laid until all the works by Statutory Undertakers are complete.
11. When new kerbs are to be installed, a 300mm carriageway step tie in is to be undertaken at time of installation.
12. In areas of new carriageway resurfacing, existing binder course condition to be assessed, and where necessary reinstatement works to be undertaken.
13. Any soft areas will require excavating until firm ground is found and backfilling with a 6/2 material and to be compacted in 150mm layers.
14. Any foundations to be removed to a minimum of 1m below carriageway formation level, backfill to be agreed with Barnsley MBC Senior Engineer.
15. Areas of carriageway damaged as a result of road markings to be milled 40mm and resurfaced full width.
16. No recycled aggregates to be used in subbase.
17. Any deep patching identified in site to be agreed with BMBC, costs to be borne by the developer.

CONSTRUCTION KEY:

- Proposed Carriageway Construction**
- Excavate to carriageway formation level and lay:
 - 40mm of 14mm SMA 40/60 Pen Surf Course H/Stone PSV 68
 - 60mm of AC20 Dense Binder Course 70/100 Pen H/Stone
 - 200mm of AC32 Dense Base Course 70/100 Pen L/Stone
 - 470mm of Type 1 Sub-Base
 - In areas less than 1.0m wide, ST5 concrete to be used in lieu of base and sub-base.
- Proposed Carriageway Resurfacing**
- Plane off existing surface course to a depth of 40mm and lay:
 - 40mm of 14mm SMA 40/60 Pen Surf Course H/Stone PSV 68
 - Regulate with binder course material, if required.
- Proposed Flexible Footway/Shared Facility Construction**
- Excavate to footway formation level and lay:
 - 25mm AC6 dense surf 100/150
 - 100mm AC20 dense bin 160/220 nec
 - 150mm Type 1 granular sub-base (increased to 250mm for vehicular crossings)
- Proposed Grass Verges**
- Minimum 200mm topsoil and grass seed.
 - Any void to be filled with class 4 landscaping material.
- Tie In Construction**
- Refer to Tie in Detail below.

Contractor is to undertake CBR tests and confirm results to the local Highway authority prior to construction.

The contractor should note that at CBR value of less than 2% it is considered unsuitable for pavement foundation and the formation should be improved. Refer to Clause 5.16 of Interim Advice Note (IAN) 73/06 Revision 1 (2009) for guidance.



Rev: Date: Amendment: DRN CHK APR

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Client: AVANT HOMES

Status: FOR APPROVAL

Scale: 1:250
Size: A1 - 594 x 841
Drawn: MIT Chkd: CT Appvd:

Project: THURNSCOE BRIDGE LANE - THURNSCOE

Title: PAVEMENT AND TYPICAL SECTION

Drawing No: 25-168-DE-700-001
Job No: 25-168
Revision: -
Date: 05.11.25

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