



- KEY:**
- Type 4 Road Construction
 - Type 5B Road Construction
 - Footway Construction (see construction details for applicable specification)
 - Grass Verge
 - Vehicle Crossover
 - HBZ Kerb
 - PCC Edging
 - Chamfered Kerb (25mm upstand)
 - Transition Kerb
 - Channel Block
 - Bulbrose Kerb (25mm Upstand) (0-6mm Upstand at Pedestrian Crossings)
 - Ramp to Shared Surface
 - Site Boundary
 - Tactile Crossing

NOTES:

ROAD SPECIFICATION - TYPE 4

SURFACE COURSE
30mm thk - 10mm size dense bitumen macadam (dbm) 125 Pen surface course to BS 4987-1:Clause 7.5. HStone

BINDER COURSE
50mm thk - 20mm size dbm 125 Pen binder course to BS 4987-1:Clause 6.5. HStone

BASE (ROADBASE)
90mm thk - 30mm size dbm 125 Pen to BS 4987-1:Clause 5.2. LStone

SUB-BASE
40mm thk - type 1 granular sub-base to Highway Works Clause 903. Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.

ROAD SPECIFICATION - TYPE 5B

SURFACE COURSE
60mm thk - Concrete blocks laid on a screeded layer, 35mm compacted thickness of naturally occurring sand, complying with BS 7533-Part3. Method of laying to be in accordance with BS 6717-Part 3. Blocks to be either Marshall's Paved Edge or Plasmore Piasline. Unless otherwise approved the blocks shall be 200 x 100mm. Colours of blocks to be agreed with the Client & Highway Engineer

BINDER COURSE
100mm thk - 20mm size dbm 125 Pen binder course to BS 4987-1:Clause 6.5.

SUB-BASE
30mm thk - type 1 granular sub-base to Highway Works Clause 903. Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.

FOOTWAY SPECIFICATION

SURFACE COURSE
25mm thk - 0/6mm size dbm 190 Pen surface course complying with South Yorkshire Lab. Spec. No 34 and BS 4987 HStone.

BINDER COURSE
100mm thk - 0/20mm size dbm binder course complying with South Yorkshire Lab. Spec. No 31 and BS 4987 LStone.

SUB-BASE
150mm thk - type 1 granular sub-base to South Yorkshire Lab. Spec. No 15. Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.

GENERAL NOTES

The formation, whether in cut or fill, shall be prepared, profiled and THOROUGHLY COMPACTED as required by clauses 612 and 616 of the DOT Specification for Highway Works.

Over excavation below road formation is to be backfilled with Type 1 granular sub-base material, well compacted in layers not exceeding 225mm. Minimum compacted thickness of any such layer to be 110mm.

Blast furnace slag and limestone aggregate are not allowed in the carriageway binder course unless it is to be covered within 6 weeks.

Channel Blocks to be provided at low side of carriageway where longitudinal gradient is less than 1:80.

No recycled aggregates to be used in sub base layers.

Where distance between drives is less than 2.7m, dropped kerbs are to run continuous.

Where a driveway is directly before a ramp, chamfered kerb 25mm, is to be mitred with the kerb across the bottom of the ramp. 2No. channel blocks should the run up side of ramp before 1No. Plasmobility transition kerb.

REV	DESCRIPTION	SIG	CHK	DATE
P01	First Issue.	EL	GH	15.06.2025
P02	Revised to suit latest site layout.	CTB	GH	28.11.2025

AVANT HOMES

LAND OFF THURNSCOE BRIDGE LANE, THURNSCOE, ROTHERHAM, S63 0TX

SURFACES AND KERBING LAYOUT

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ECE PROJECT No	SCALE AT A0	STATUS	SUITABLE FOR
48926	1:500	S3	Comment
DRAWING NUMBER			
48926 - ECE - XX - XX - DR - C - 0062	REV		P02
Project	Originator	Zone	Level
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