

Information within this drawing is not necessarily produced to scale. Always use figured dimensions and co-ordinates – if in doubt, ask.

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- # 1. ROAD SPECIFICATION – TYPE 5A
- ## SEMI-CLAY COURSE
- Pen. 100 – 6mm size dense bitumen macadam (dm) 125 Pen. surface course to BS 4987-1:Clousses 7.5.
- ## BINDER COURSE
- 50mm 10k – 20mm size dm 125 Pen binder course to BS 4987-1:Clousses 6.5.
- ## BASE (ROADBED)
- 10mm 10k – 20mm size dm 125 Pen to BS 4987-1:Clousses 5.2.
- ## SUB-BASE
- 300mm 10k – type 1 granular sub-base to Highway Works Clause 800. Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.

- ## 2. ROAD SPECIFICATION - TYPE 5B

- compacted concrete blocks laid on a screeded layer 35mm from the top of the concrete. The blocks shall be laid with a maximum thickness of naturally occurring sand, complying with BS 7533-Part 3. Method of laying to be in accordance with BS 6717-Part 3. Blocks to be either Marshalls Pericl Edge or Plasmonc Plastine. Unless otherwise approved the blocks shall be 200 x 100mm. Colours of blocks to be agreed with the Client & Highway Engineer.
- RUBBER COURSE**
The blocks – 20mm size dim 125 Pan binder course to BS 4987-1:Clause 6.5.

3. FOOTPATH SPECIFICATION -DOT spec.1105
- SURFACE COURSE
- 25mm thick - 0/drum size dond 190 Pan surface course complying with South Yorkshire Lab. Spec. No 34 and BS 4987.
- SUB-BASE - type 1 granular sub-base to Highway Works Clause 803. Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.

- BLINDER COURSE**
55mm thick – 0/20mm size down binder course complying with South Yorkshire Ldb. Spec. No 51 and BS 4967. (100mm thick beneath vehicular footway crossing)
- SUB-BASE** 150mm thick – type 1 granular sub-base to South Yorkshire Ldb. Spec. No 19. Must be free from extraneous material. Weeds must be removed and the sub-grade splayed with total weedkiller.

- #### 4. GENERAL NOTES
- The formation, whether in cut or fill, shall be prepared, profiled and HIRUDHOLTI COMPACTED as required by clauses 612 and 616 of the DOD 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 125mm.
- Blast furnace slag and limestone aggregate are not allowed in the carriageway binder course unless it is to be covered within 6 weeks.

A	Details added as per BMC instructions	TB	CH	12.12.18
A	First issue.			
REV	DESCRIPTION	SIG	CHK	DATE

STRATEGIC TEAM GROUPBONDFIELD CRESCENT, WOMBWELL

HIGHWAY CONSTRUCTION DETAILS

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DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
RJ	CH	05.09.18	42937/024	B