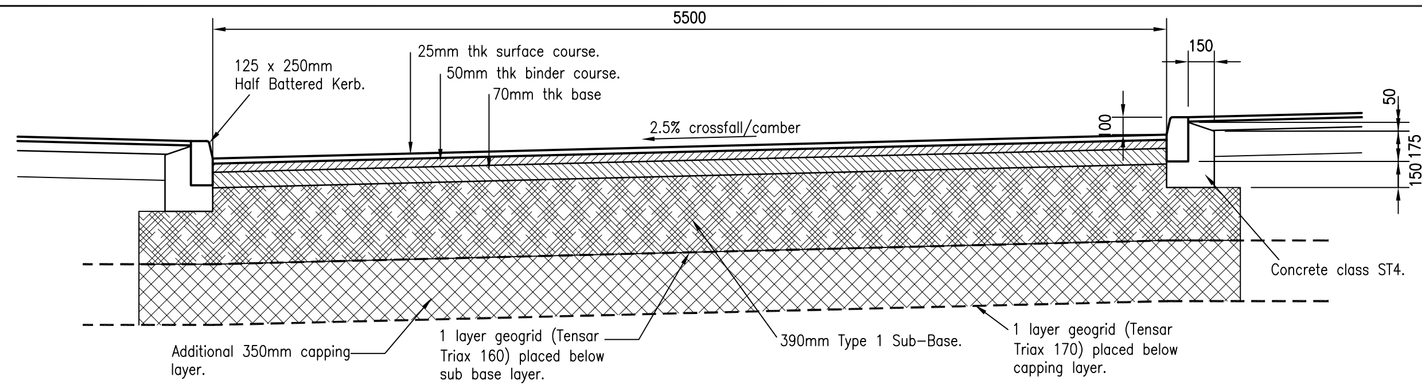
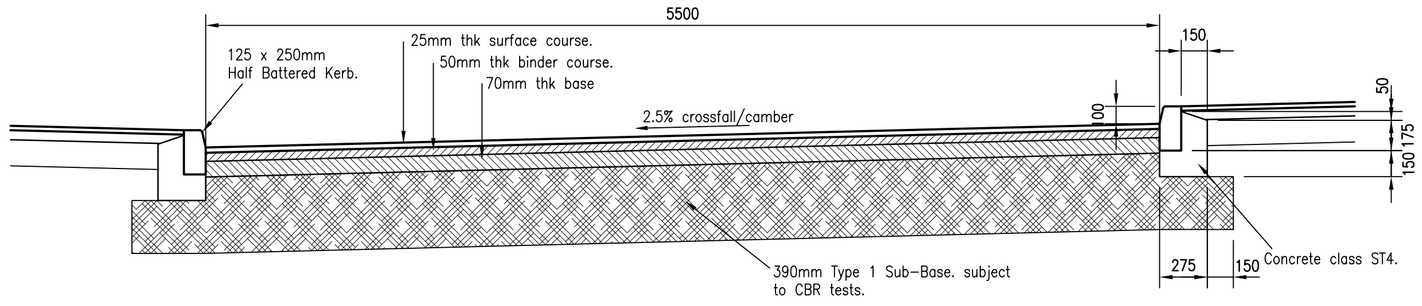
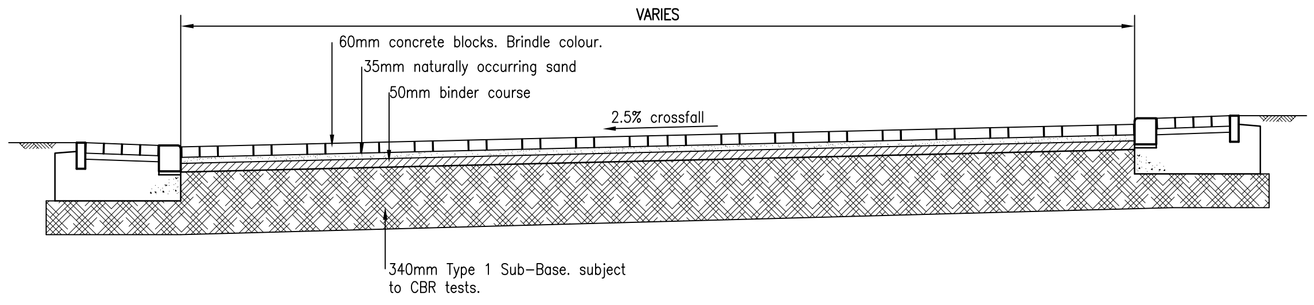


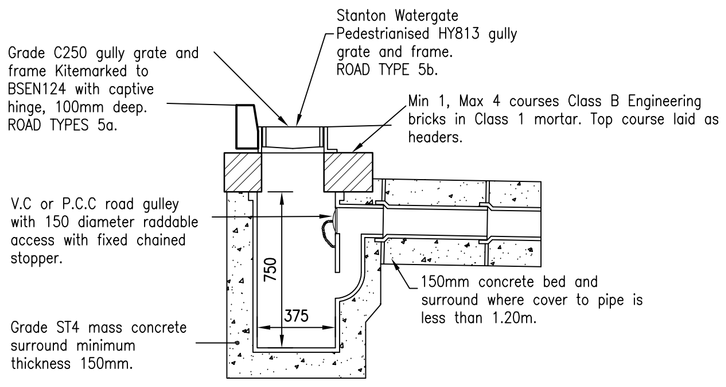
TYPICAL SECTION THROUGH ACCESS ROADS – TYPE 5A – CBR LESS THAN 1.5%



TYPICAL SECTION THROUGH ACCESS ROADS – TYPE 5A

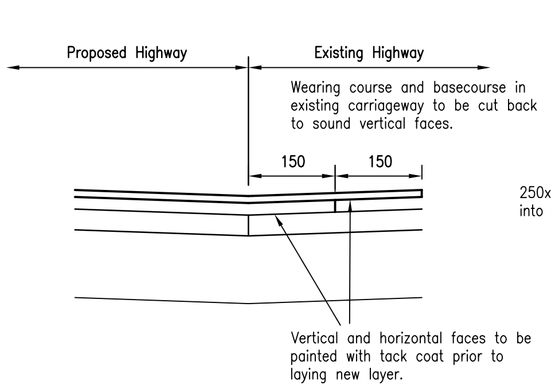


TYPICAL SECTION THROUGH ACCESS ROADS – TYPE 5B

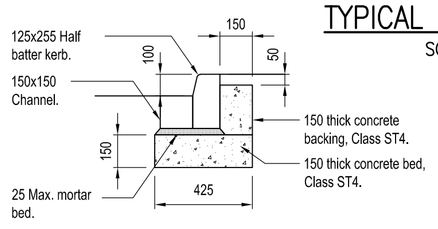


TYPICAL GULLY DETAIL

SCALE 1:25

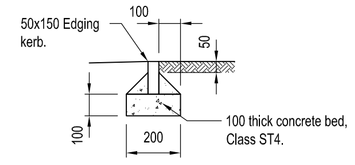


INTERFACE WITH EXISTING HIGHWAY



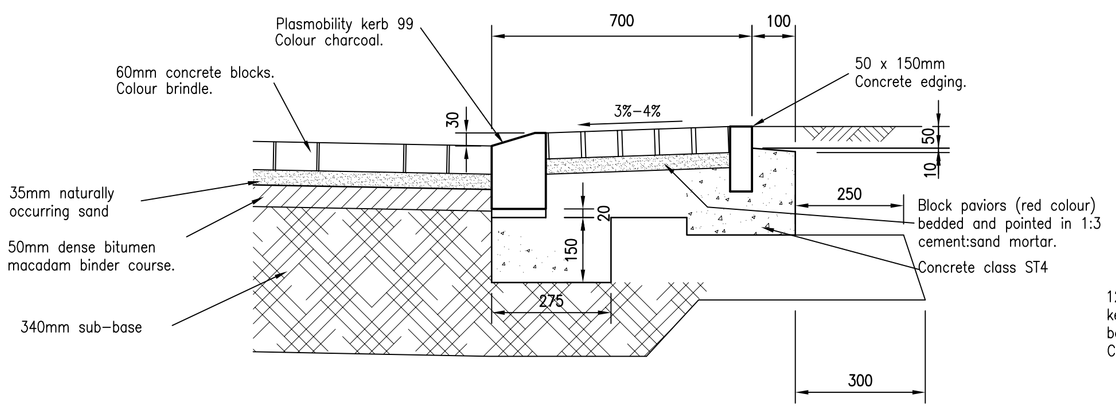
TYPICAL HIGHWAY KERB DETAIL

Scale 1:20



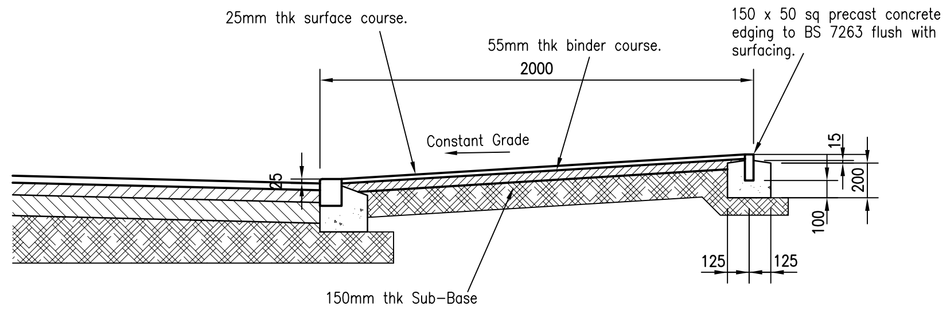
TYPICAL FOOTPATH EDGING KERB DETAIL

Scale 1:20

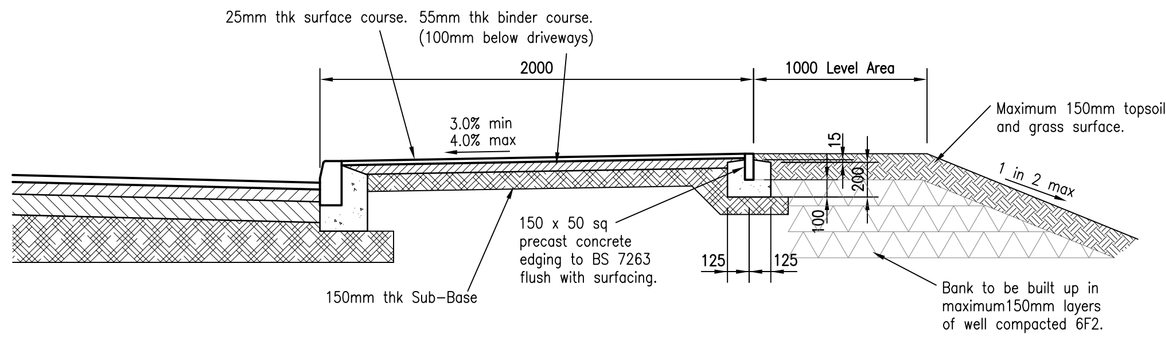


At all gully positions on access way, a strip of binder course 150 wide around gullies is to be omitted to permit drainage through the carriageway.

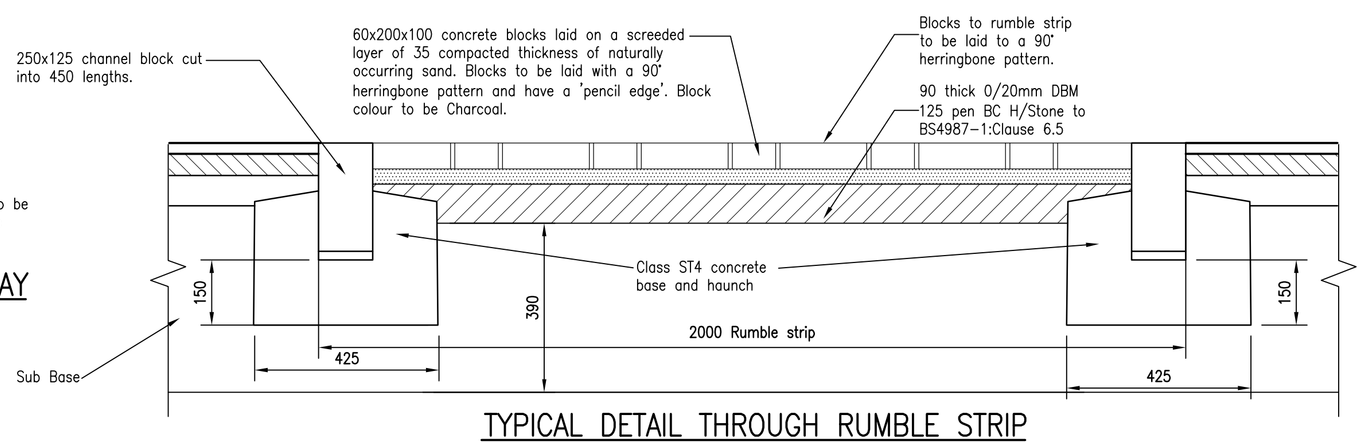
TYPICAL EDGE DETAIL THROUGH ACCESS WAY



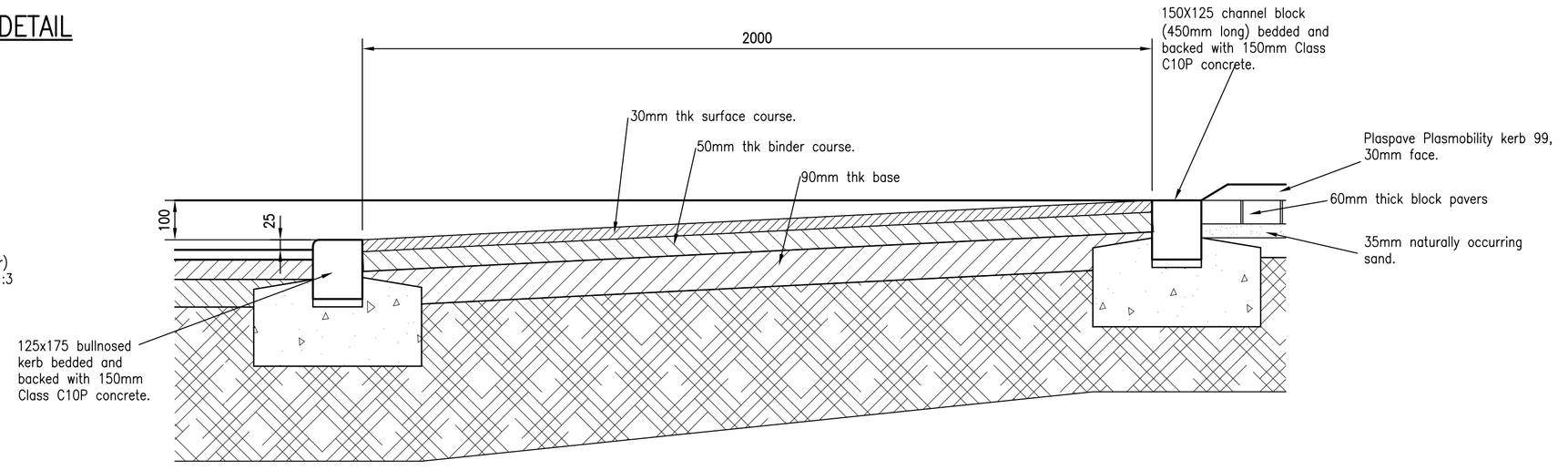
TYPICAL SECTION THROUGH PEDESTRIAN CROSSING



TYPICAL SECTION THROUGH FOOTPATH.



TYPICAL DETAIL THROUGH RUMBLE STRIP



TYPICAL DETAIL THROUGH RAMP TO ACCESS WAY

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

NOTES

1. ROAD SPECIFICATION – TYPE 5A

SURFACE COURSE
25mm thk – 6mm size dense bitumen macadam (dbm) 125 Pen surface course to BS 4987–1:Clause 7.5.

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

BASE (ROADBASE)
70mm thk – 32mm size dbm 125 Pen to BS 4987–1:Clause 5.2.

SUB–BASE
390mm thk – 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.

2. 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 Marshalls Pencil Edge or Plasmore Plasline. Unless otherwise approved the blocks shall be 200 x 100mm. Colours of blocks to be agreed with the Client & Highway Engineer

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

SUB–BASE
340mm thk – 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.

3. FOOTPATH SPECIFICATION –DOT spec.1105

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

BINDER COURSE
55mm thk – 0/20mm size dbm binder course complying with South Yorkshire Lab. Spec. No 31 and BS 4987.

SUB–BASE 150mm thk – type 1 granular sub–base to South Yorkshire Lab. Spec. No 19. Must be free from extraneous matter. Weeds must be removed and the sub–grade sprayed with total weedkiller.

4. 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.

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

REV	DESCRIPTION	SIG	CHK	DATE
B	Block paving colours specified.	RJ	CH	19.08.16
A	First Issue.			

MILLER HOMES

HONEYWELL LANE, BARNSLEY

HIGHWAY CONSTRUCTION DETAILS

Eastwood & Partners
CONSULTING ENGINEERS
St. Andrews House
23 Kingfield Road
Sheffield
S11 9AS
Tel 0114 255 4554
Fax 0114 255 4330
mail@eastwoodandpartners.com
www.eastwoodandpartners.com

SCALE WHEN PLOTTED AT A1	DRAWING STATUS
1:25 1:10	PRELIMINARY

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
RJ	CH	06.07.16	38903/014	B