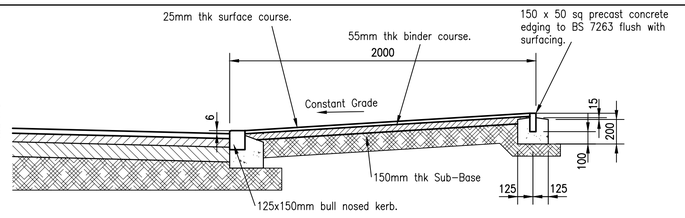
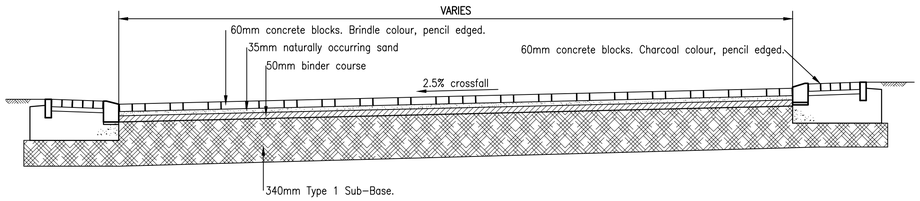


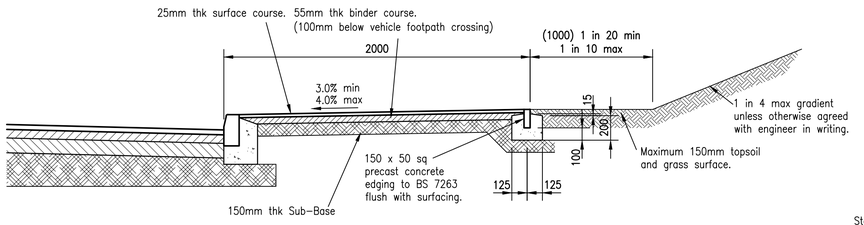
TYPICAL SECTION THROUGH ACCESS ROADS – TYPE 5A



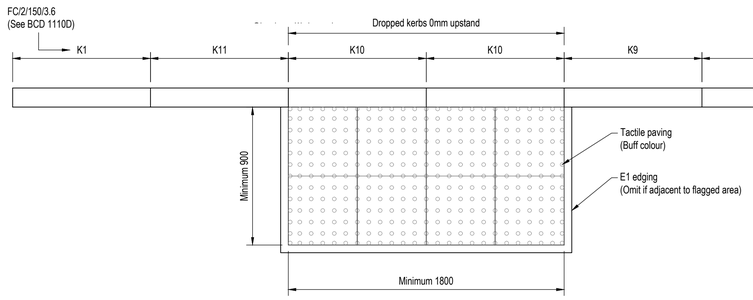
TYPICAL SECTION THROUGH PEDESTRIAN CROSSING



TYPICAL SECTION THROUGH ACCESS ROADS – TYPE 5B

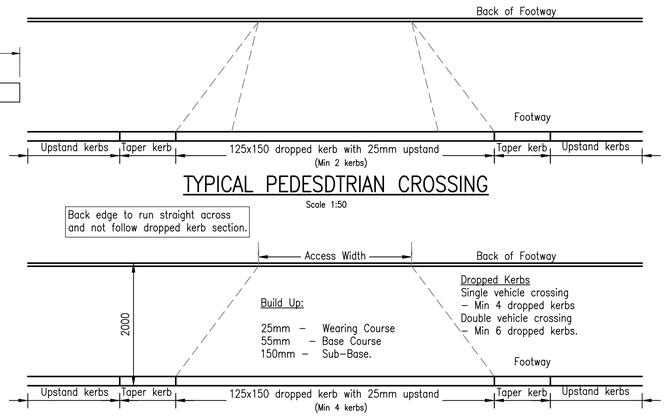


TYPICAL SECTION THROUGH FOOTPATH.



TYPICAL UNCONTROLLED TACTILE PAVING CROSSING DETAIL

Scale 1:20



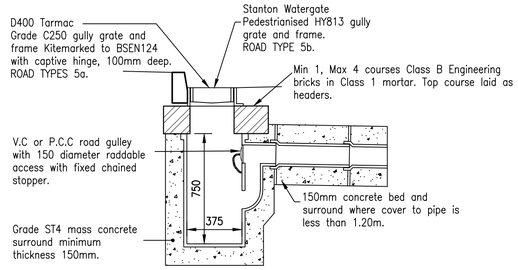
TYPICAL PEDESDTRIAN CROSSING

Scale 1:50

Back edge to run straight across and not follow dropped kerb section.

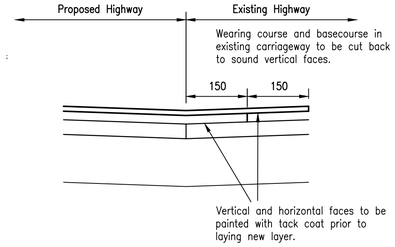
TYPICAL VEHICULAR CROSSING PLAN

Scale 1:50



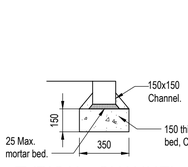
TYPICAL GULLY DETAIL

SCALE 1:25



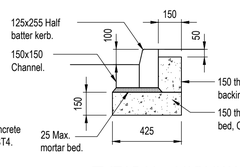
INTERFACE WITH EXISTING HIGHWAY

CAPPING LAYER AND SUB BASE THICKNESS		
GROUND SUPPORT	CAPPING LAYER	SUB BASE
15 – 30%		150mm
5 – 14%		225mm
2 – 4%	350mm	150mm
LESS THAN 2%	600mm	150mm



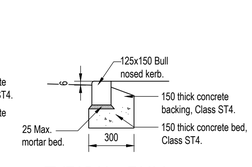
TYPICAL CHANNEL BLOCK DETAIL

Scale 1:20



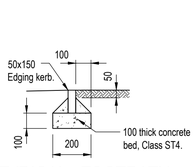
TYPICAL HIGHWAY KERB DETAIL

Scale 1:20



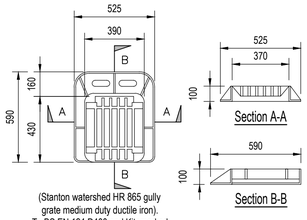
TYPICAL BULL NOSED KERB DETAIL

Scale 1:20



TYPICAL FOOTPATH EDGING KERB DETAIL

Scale 1:20



TYPICAL HIGHWAY GULLY DETAIL

Scale 1:20

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. (100mm thick beneath vehicular footway crossing)

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	Details removed that are not applicable.	BJM	CH	21.02.20
A	First Issue.			

NEWETT HOMES

NEW SMITHY AVENUE,
THURLSTONE

HIGHWAY CONSTRUCTION DETAILS

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

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
RJ	CH	Not Issued	43733/007	B