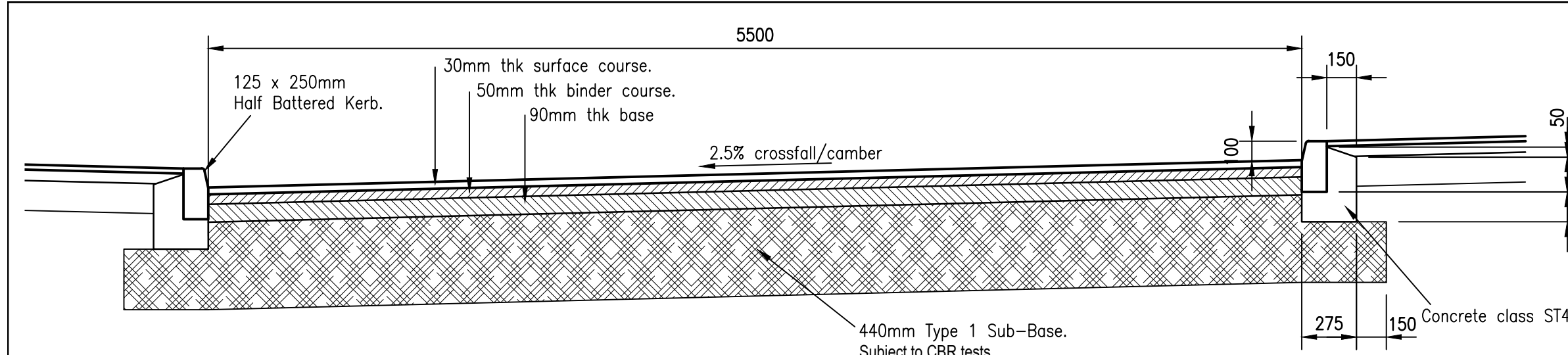
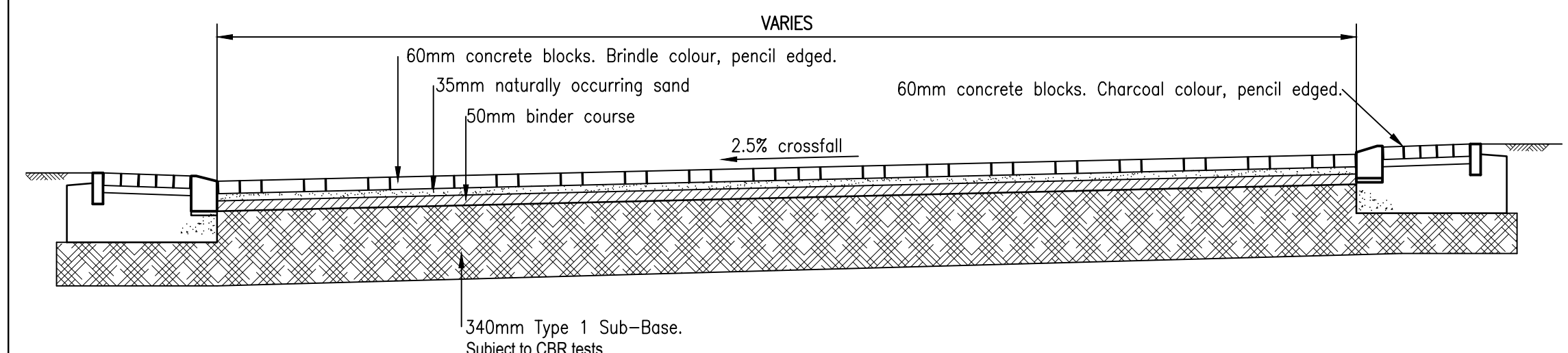
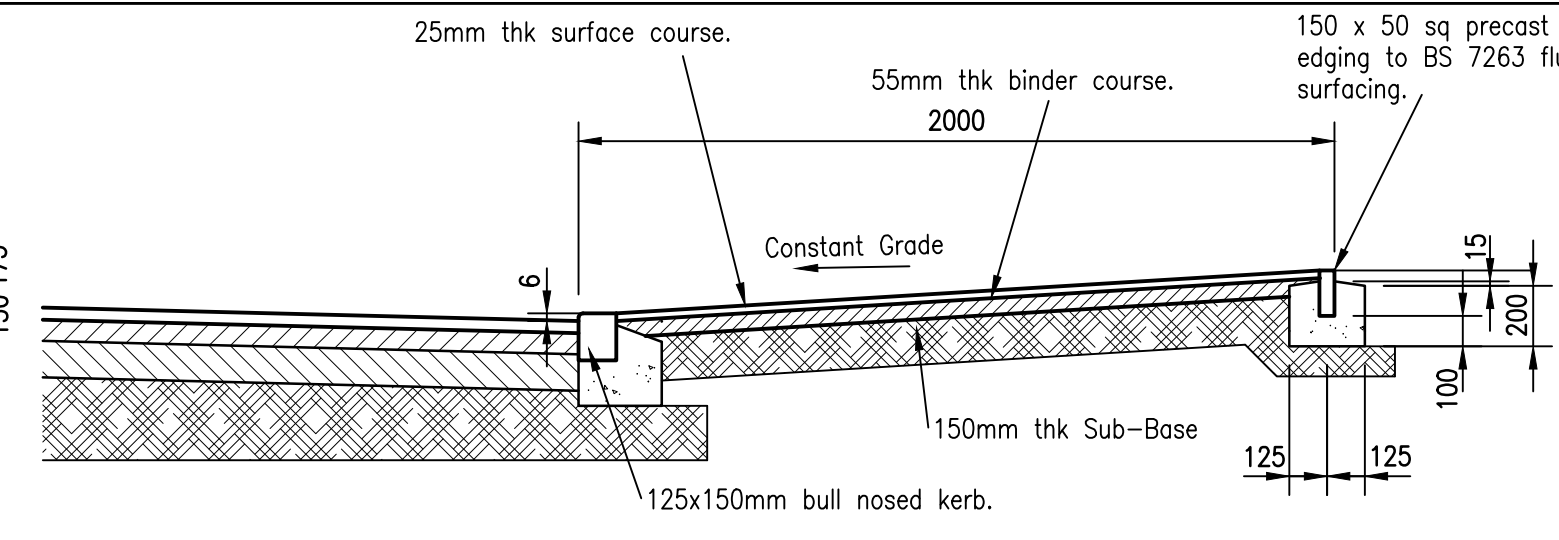




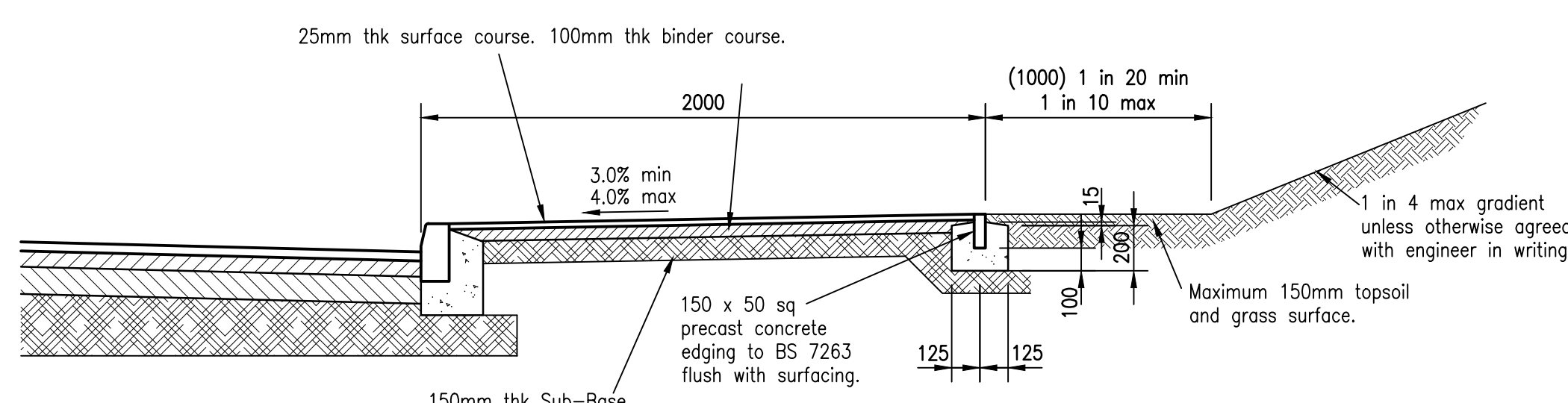
TYPICAL SECTION THROUGH ACCESS ROADS – TYPE 4A



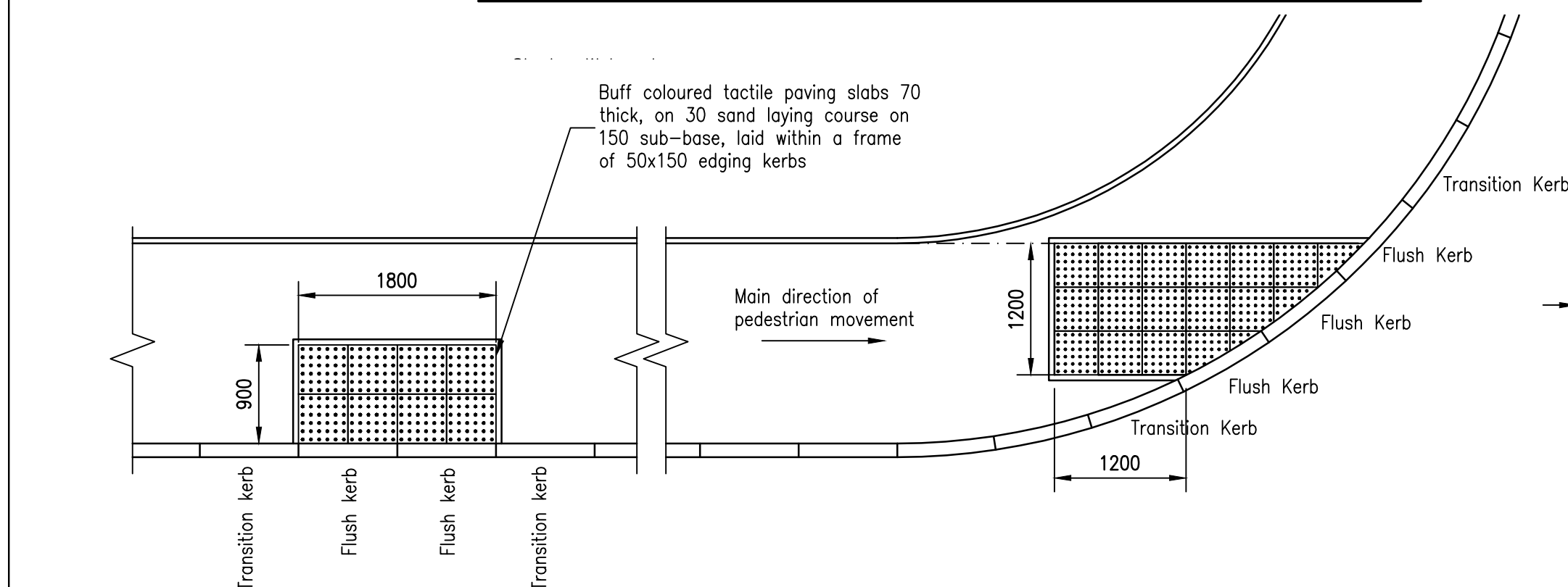
TYPICAL SECTION THROUGH ACCESS ROADS – TYPE 5B



TYPICAL SECTION THROUGH PEDESTRIAN CROSSING

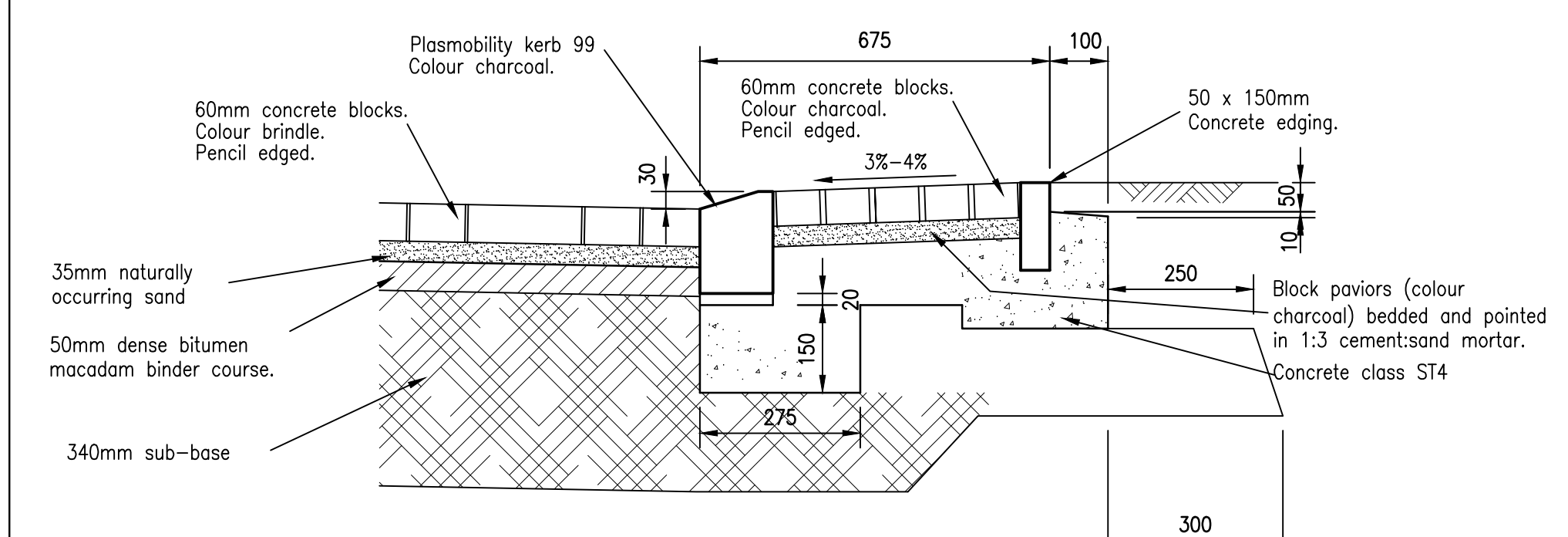


TYPICAL SECTION THROUGH FOOTPATH.

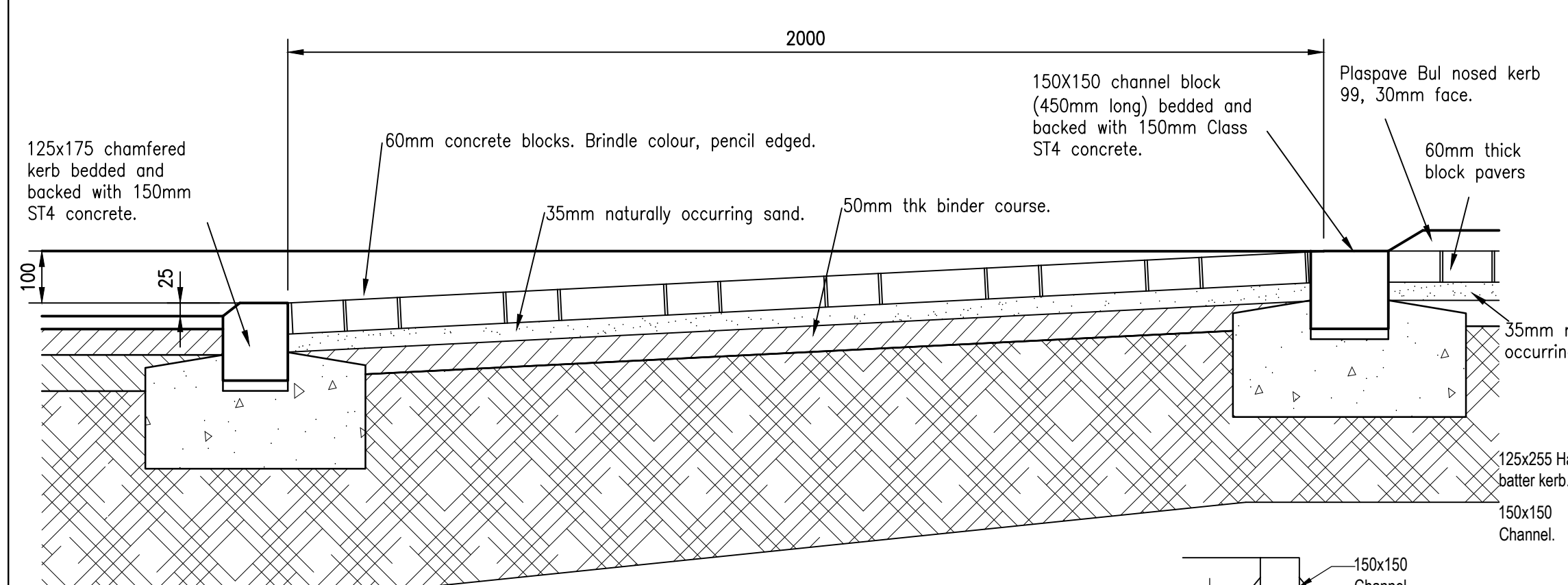


TYPICAL PEDESTRIAN CROSSING DETAILS.

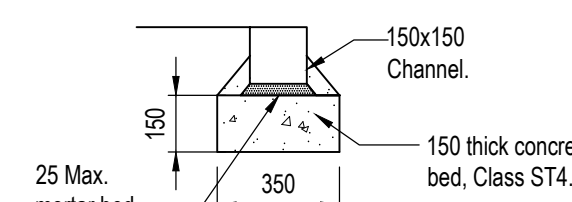
Scale 1:50.



TYPICAL EDGE DETAIL THROUGH ACCESS WAY

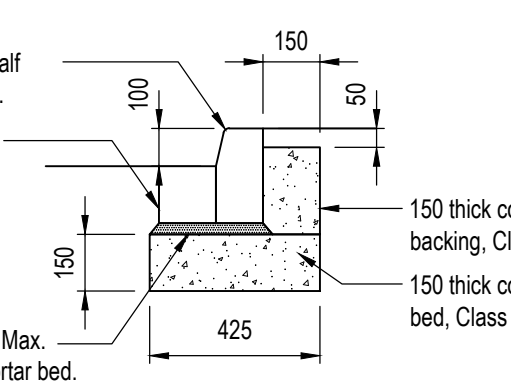


TYPICAL DETAIL THROUGH RAMP TO ACCESS WAY



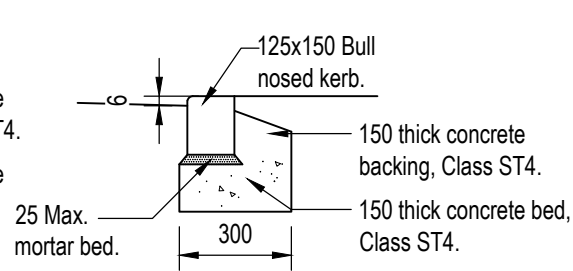
TYPICAL CHANNEL BLOCK DETAIL

Scale 1:20



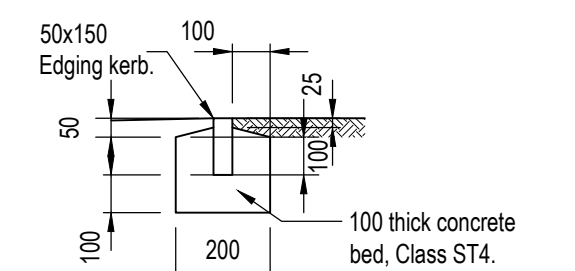
TYPICAL HIGHWAY KERB DETAIL

Scale 1:20



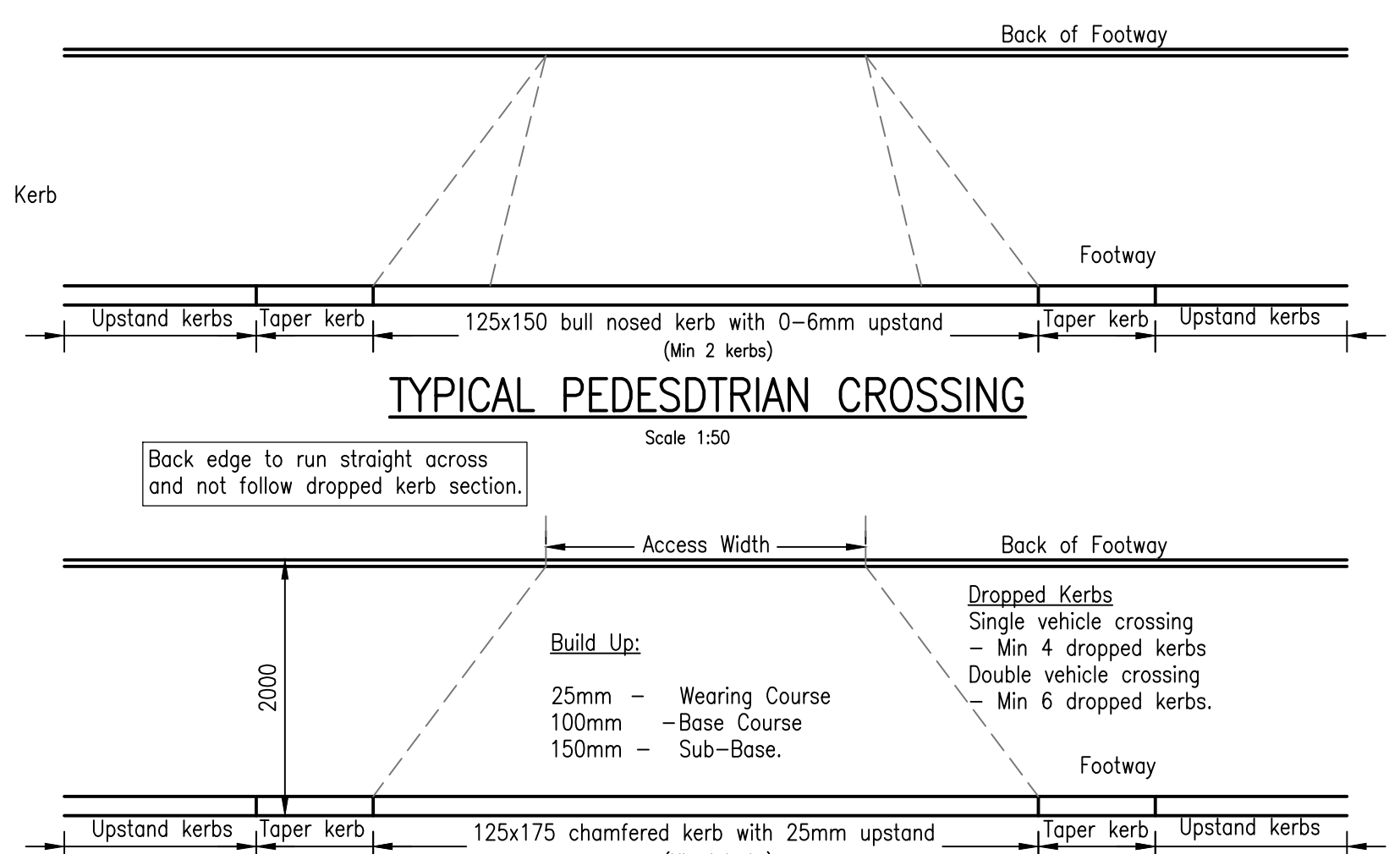
TYPICAL BULL NOSED KERB DETAIL

Scale 1:20



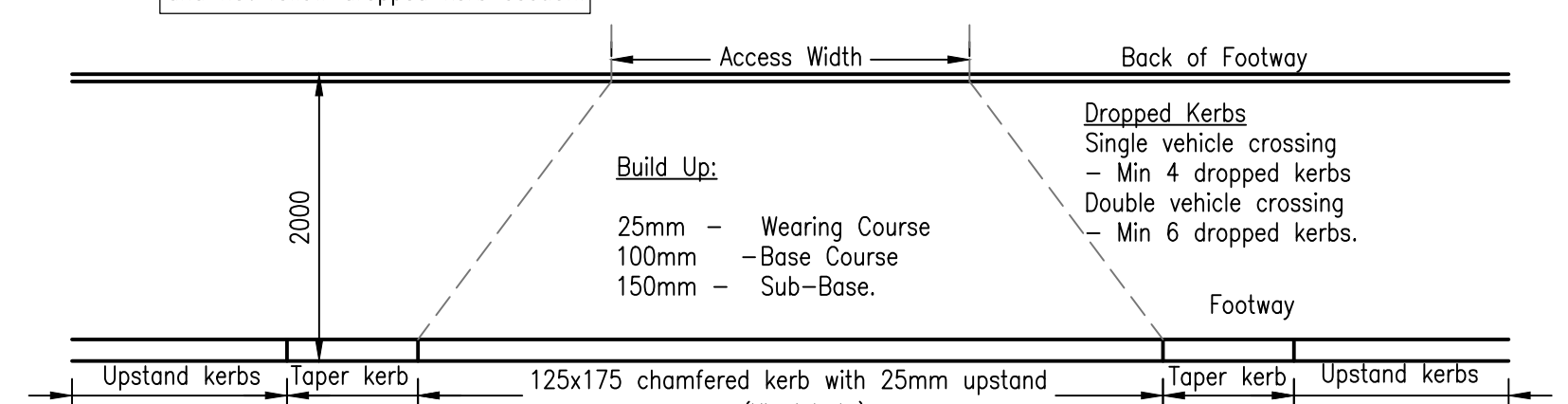
TYPICAL FOOTPATH EDGING KERB DETAIL

Scale 1:20



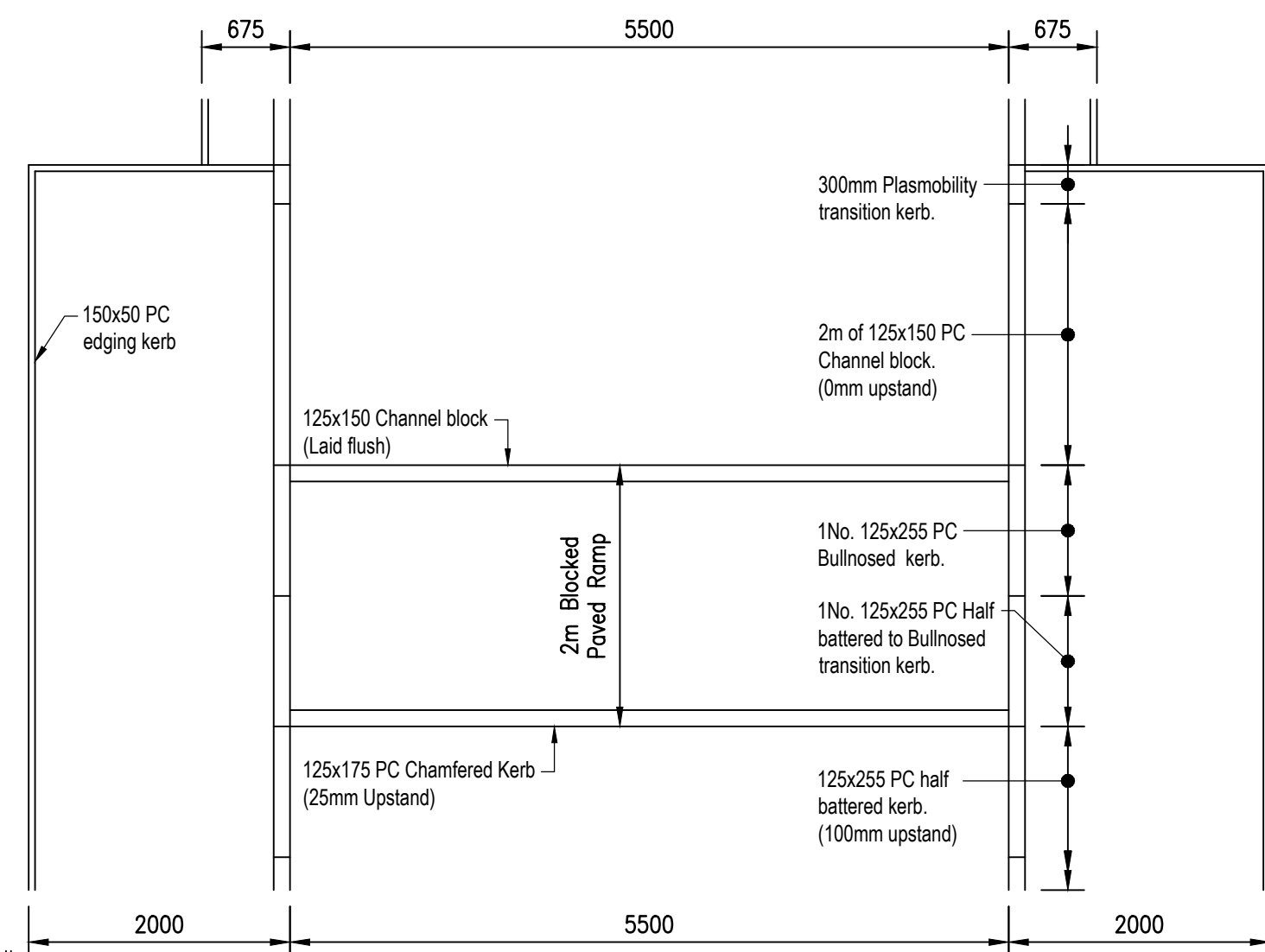
TYPICAL PEDESRTIAN CROSSING

Scale 1:50



TYPICAL VEHICULAR CROSSING PLAN

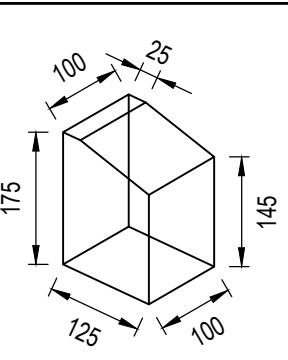
Scale 1:50



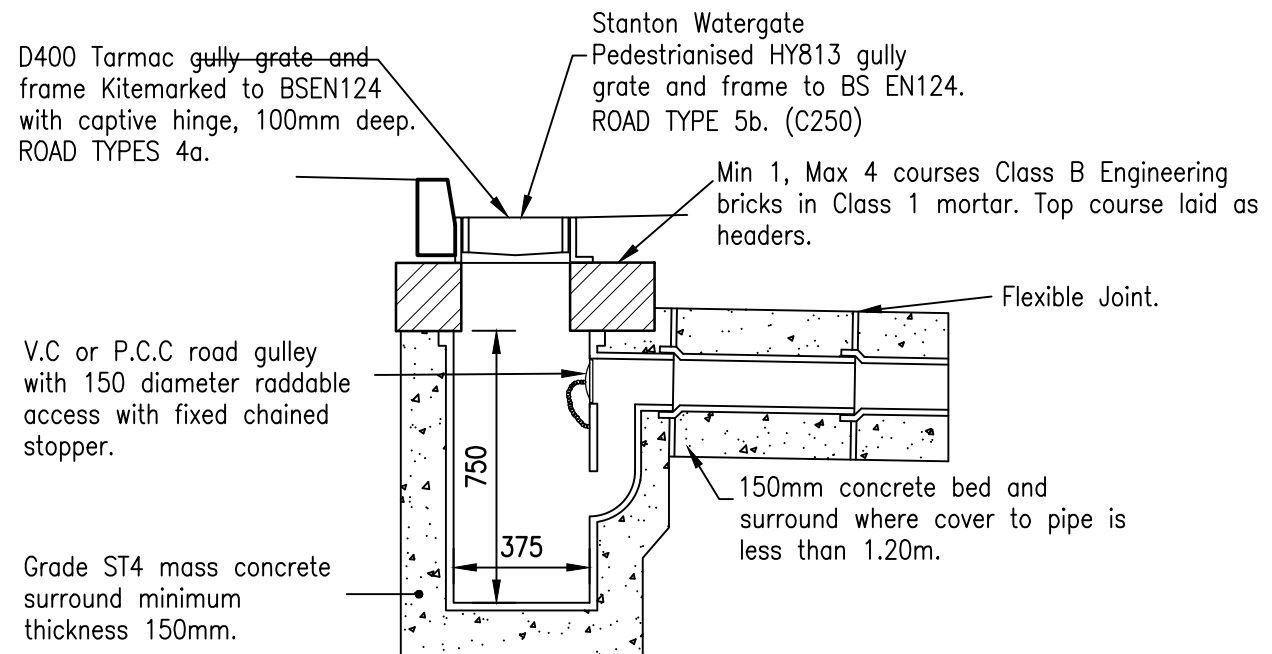
TYPICAL PLAN ON KERBING DETAIL TO RAMP CROSSING

Scale 1:50

DETAILS OF PLASMOBILITY KERB 99

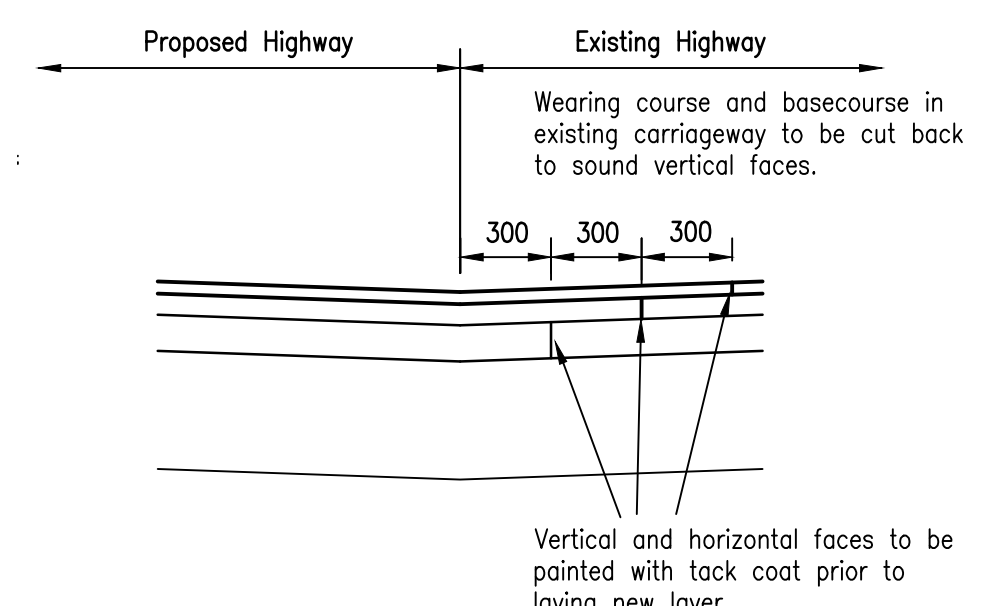


Scale 1:10



TYPICAL GULLY DETAIL

SCALE 1:25



INTERFACE WITH EXISTING HIGHWAY

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

NOTES

- ROAD SPECIFICATION – TYPE 4A**
SURFACE COURSE
30mm thk – 10mm size dense bitumen macadam (dbm) 125
Pen surface course to BS 4987-1:Clause 7.5. H/stone
BINDER COURSE
50mm thk – 20mm size dbm 125 Pen binder course to BS 4987-1:Clause 6.5. H/stone
BASE (ROADBASE)
90mm thk – 32mm size dbm 125 Pen to BS 4987-1:Clause 5.2. L/stone
SUB-BASE
440mm 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.
- 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 Plusline. 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.
- 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
0/20mm size dbm binder course complying with South Yorkshire Lab. Spec. No 31 and BS 4987. (100mm thick beneath vehicular footway crossing). 100mm for all footpaths adjacent the highway.
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.
- 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.

A	First Issue.			
REV	DESCRIPTION	SIG	CHK	DATE

CRONROY BROOK DEVELOPMENTS LTD

THE FOUNTAIN WELLTHORNE LANE, INGBIRTHWORTH

HIGHWAY CONSTRUCTION DETAILS BARNSELY

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SCALE WHEN PLOTTED AT A1		DRAWING STATUS	
1:25 1:10		PRELIMINARY	
DRAWN	CHECKED	DATE	DRAWING NUMBER
BJM	CH	18.05.21	44371/009
			REV
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