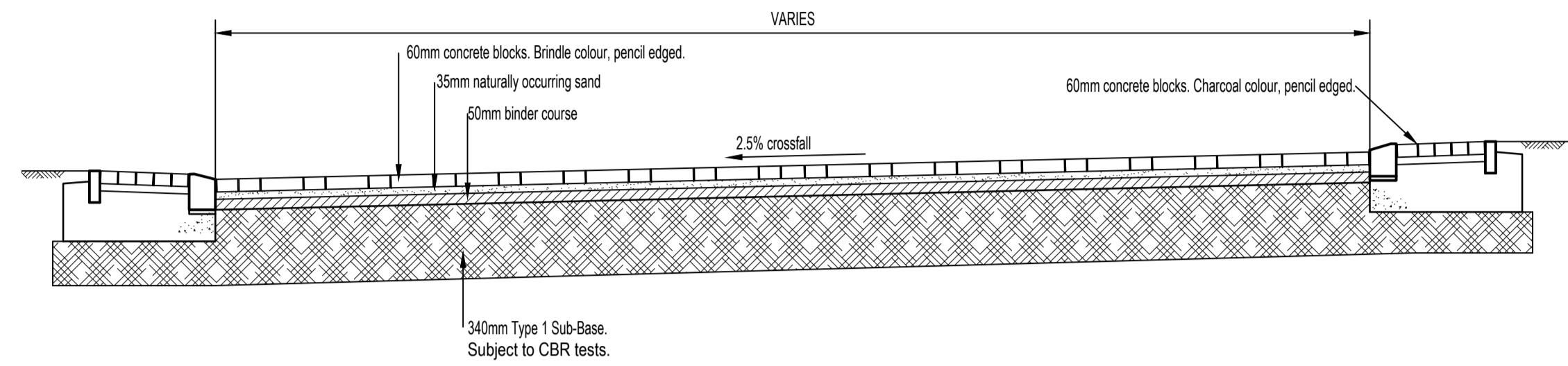
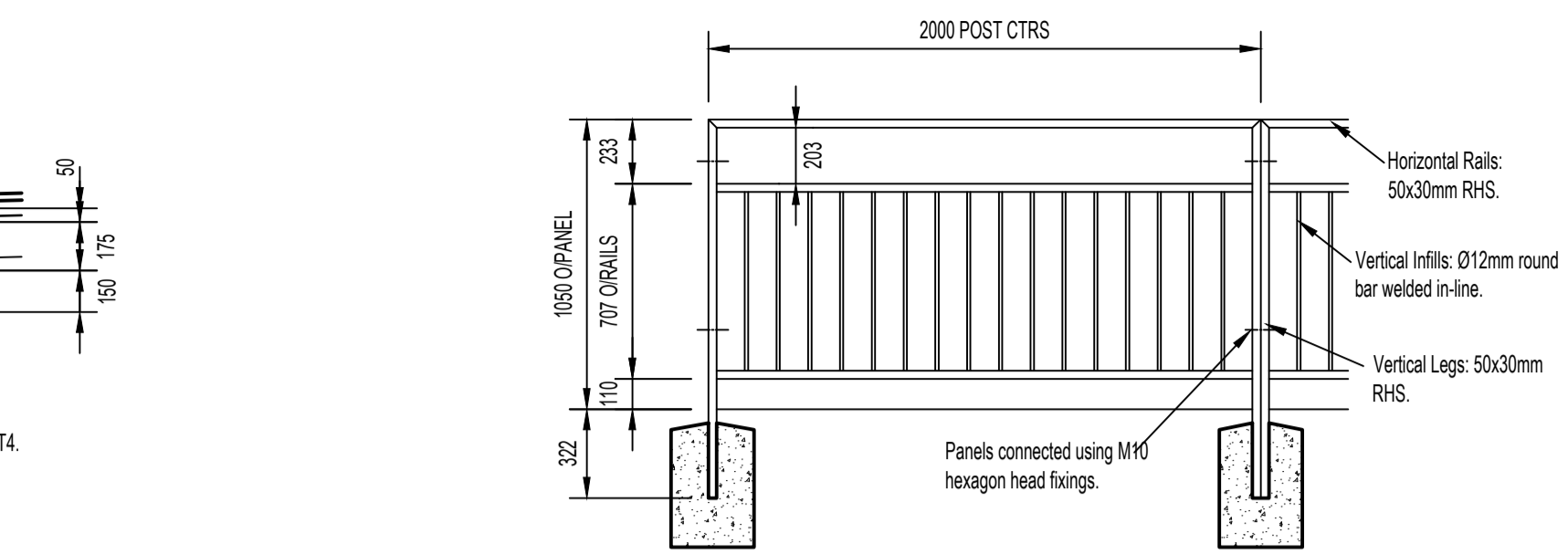


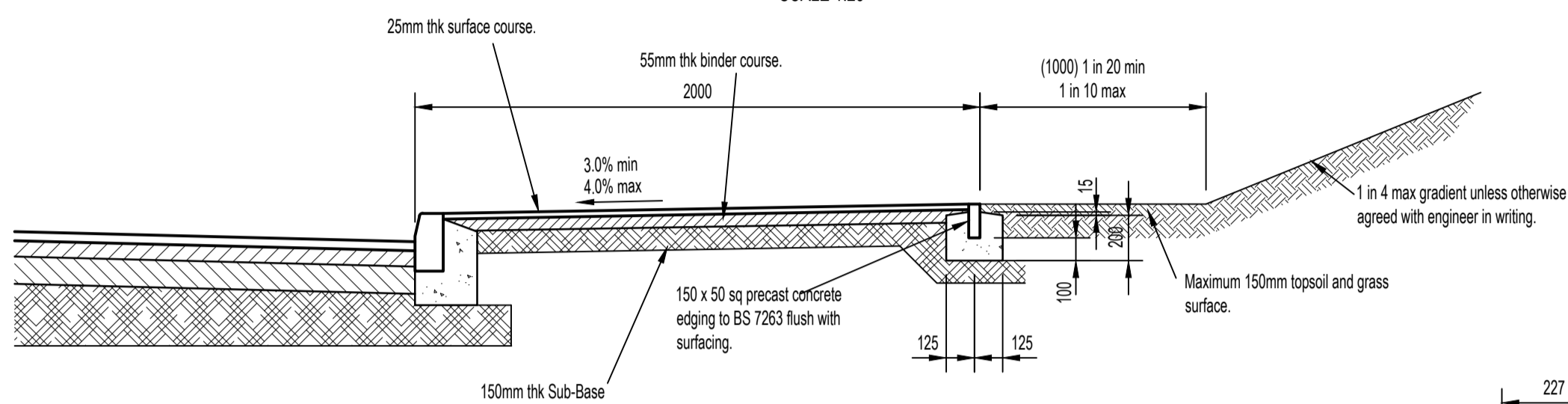
TYPICAL SECTION THROUGH ACCESS ROADS - TYPE 4



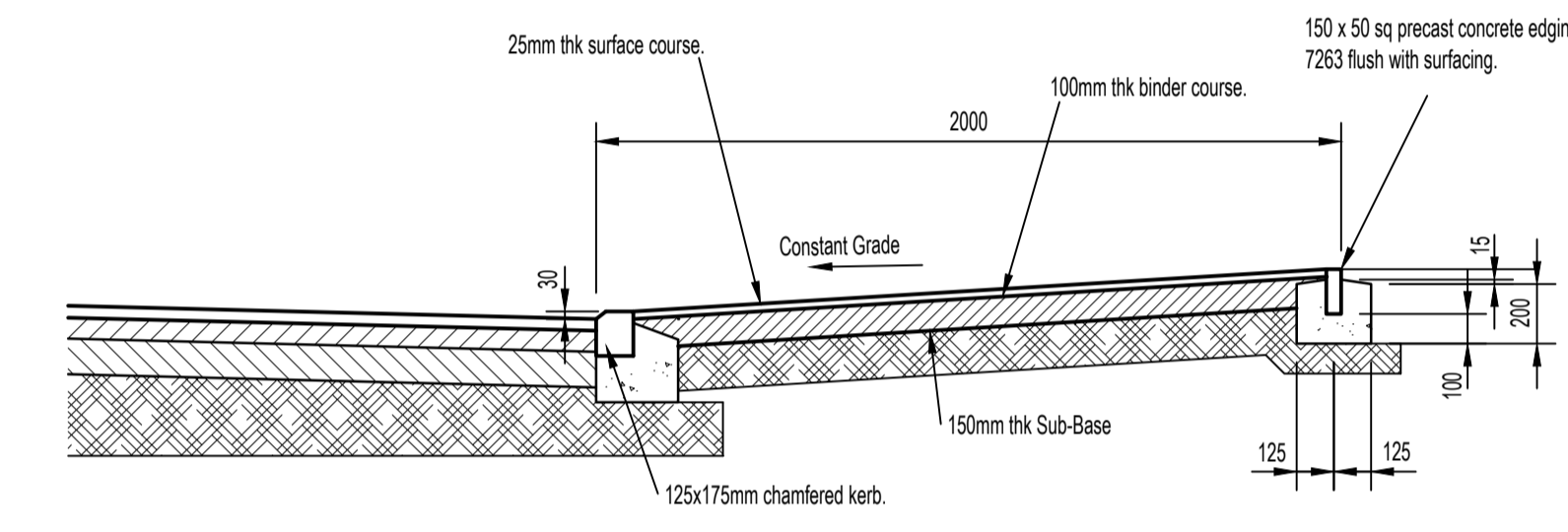
TYPICAL SECTION THROUGH ACCESS ROADS - TYPE 5B



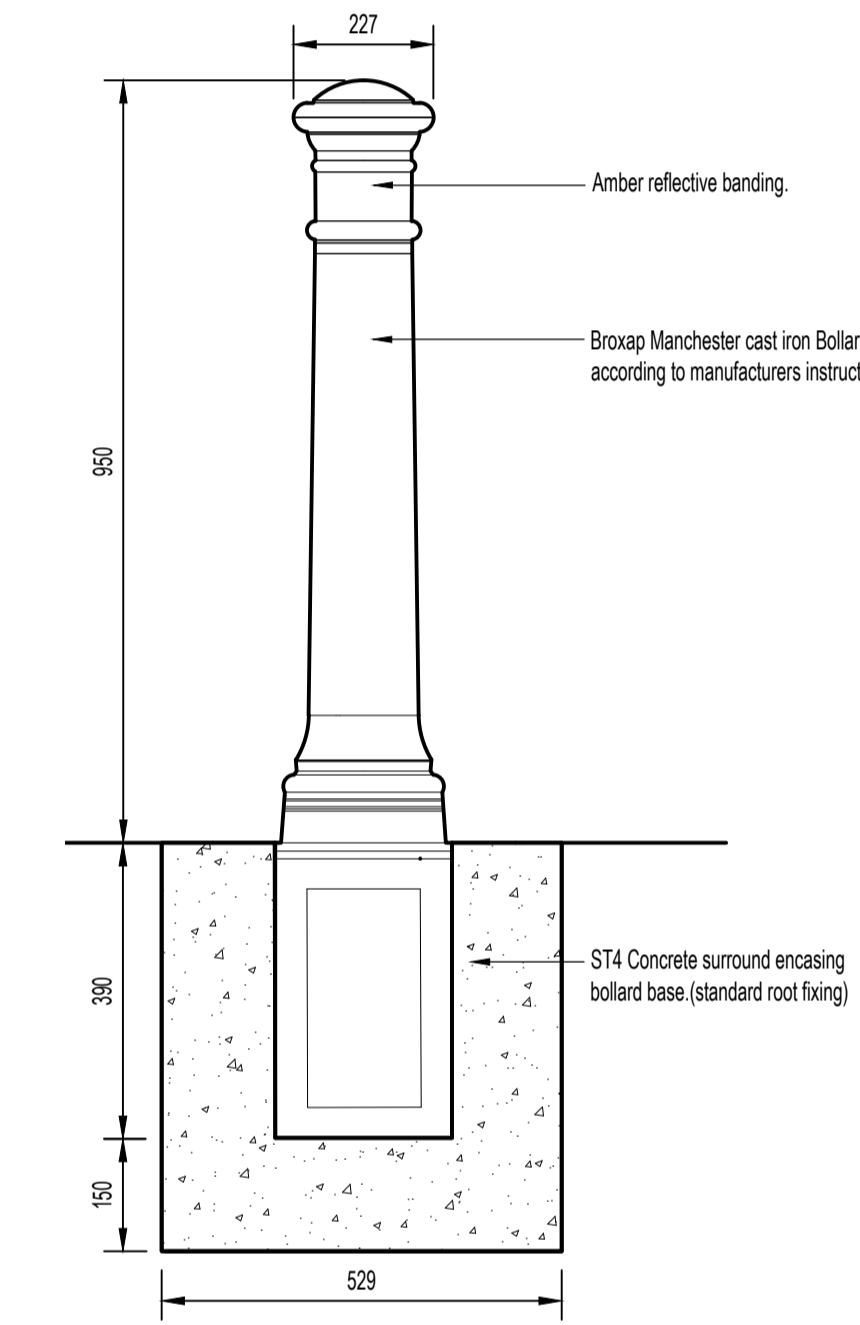
M2 GUARDRAIL DETAIL  
SCALE 1:25



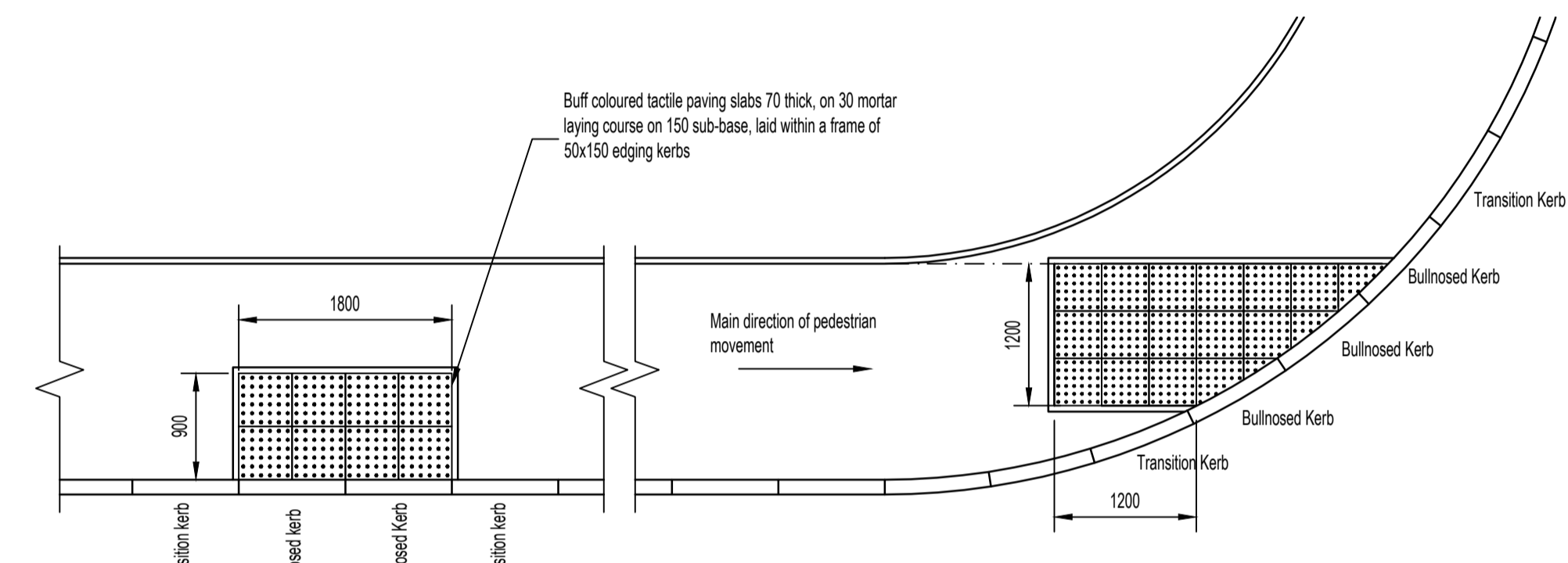
TYPICAL SECTION THROUGH FOOTPATH.



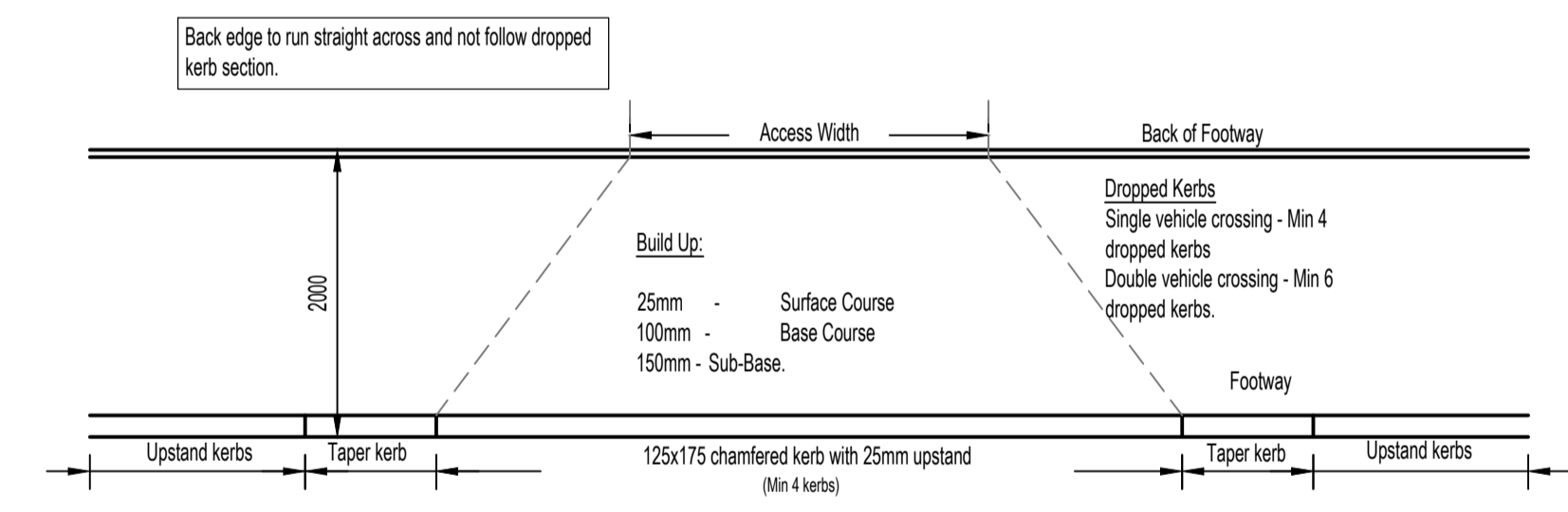
TYPICAL SECTION THROUGH VEHICLE CROSSING



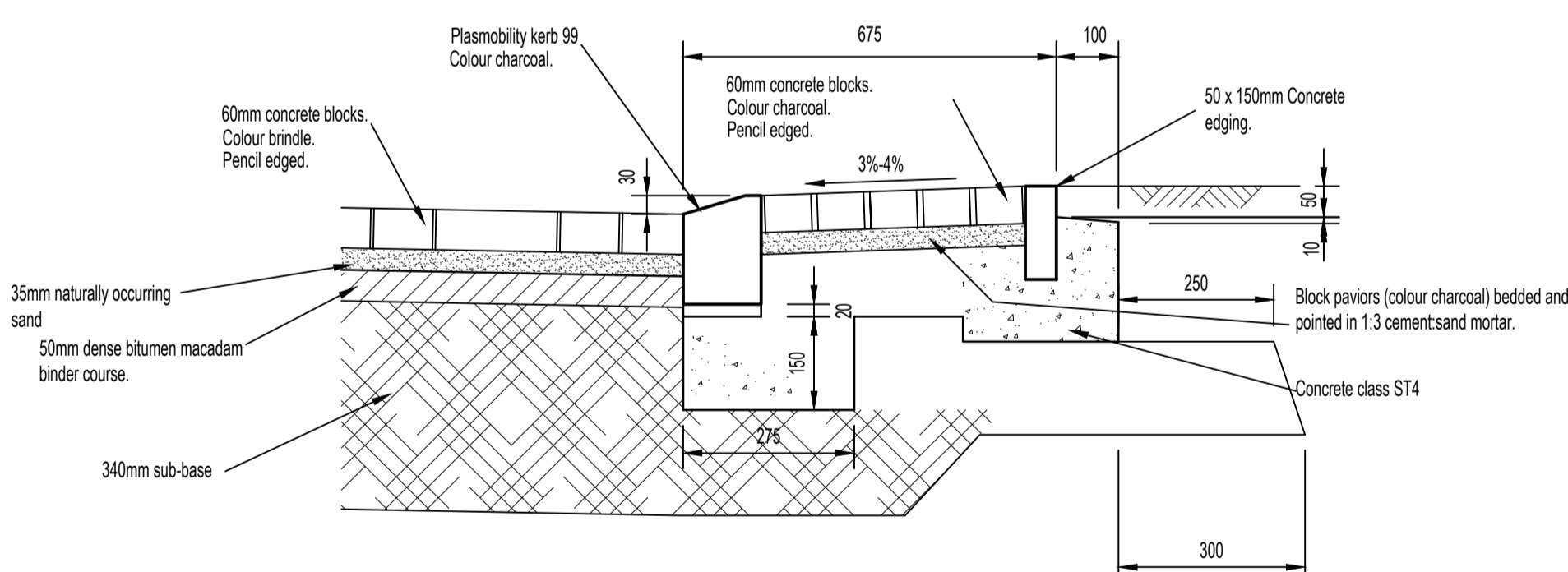
TYPICAL DETAIL THROUGH BOLLARD  
SCALE 1:10



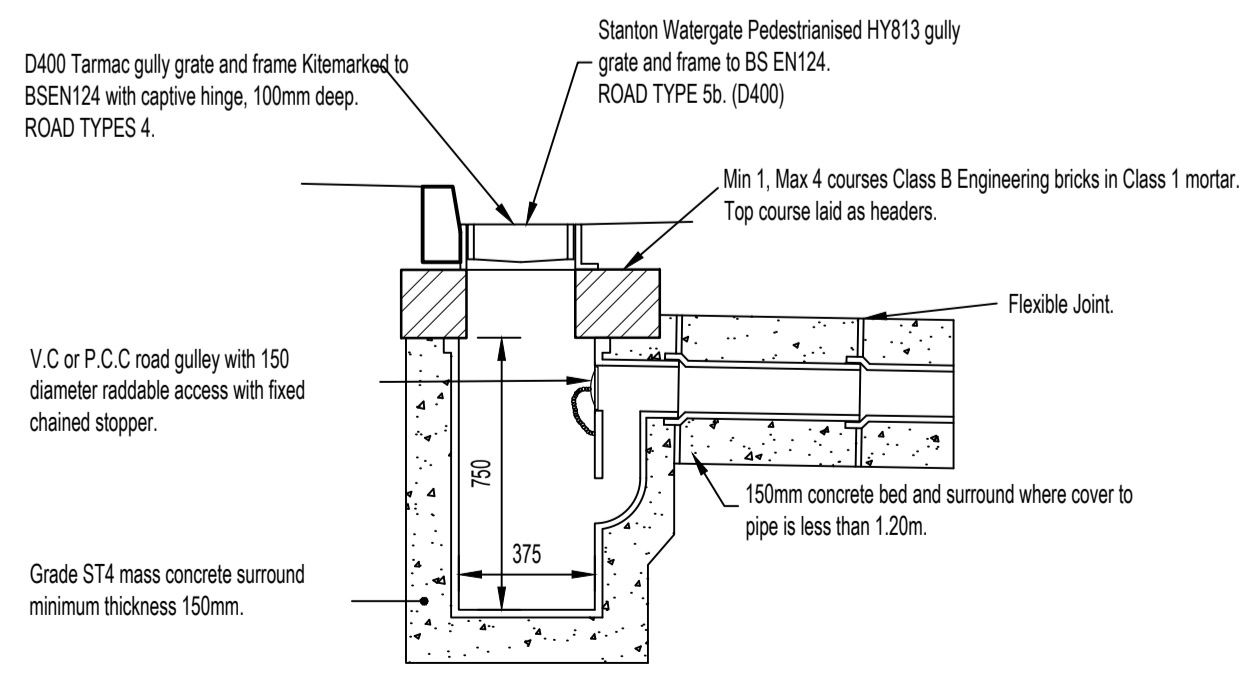
TYPICAL PEDESTRIAN CROSSING DETAILS.  
Scale 1:50.



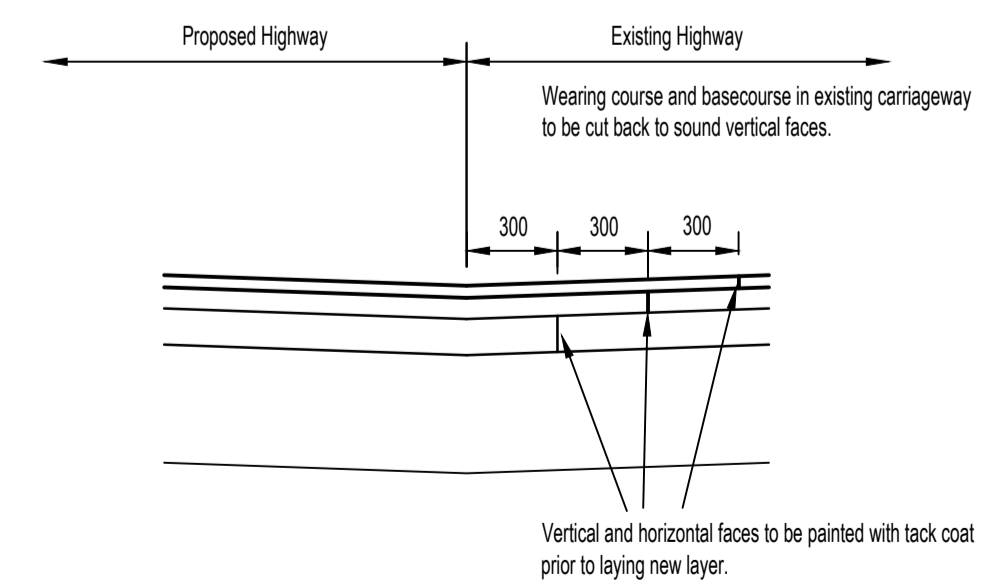
TYPICAL VEHICULAR CROSSING PLAN  
Scale 1:50



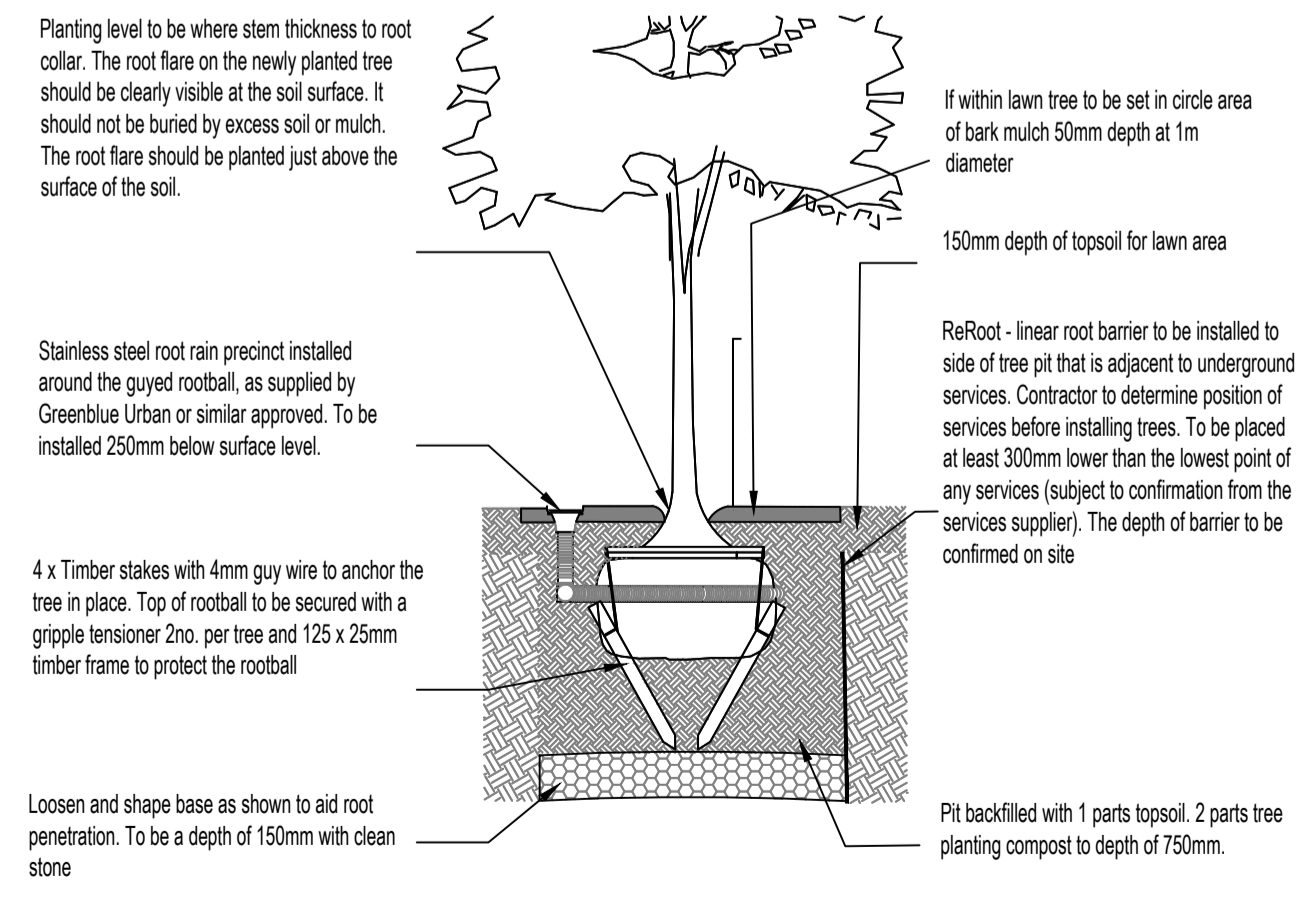
TYPICAL EDGE DETAIL THROUGH ACCESS WAY



TYPICAL GULLY DETAIL  
SCALE 1:25



INTERFACE WITH EXISTING HIGHWAY



TREE ROOT PROTECTION DETAIL  
(REQUIRED WHERE TREE IS LOCATED WITHIN 1.5m OF ADOTABLE HIGHWAY)  
Scale 1:25

**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. 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, 25mm compacted thickness of naturally occurring sand, complying with BS 7533:Part3. Method of laying to be in accordance with BS 8717:Part 3. Blocks to be either Marshalls Pencil Edge or Plasmore Plateline. 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.

**FOOTWAY SPECIFICATION**  
**SURFACE COURSE**  
 25mm thk - Ø16mm size dbm 190 Pen surface course complying with South Yorkshire Lab. Spec. No 34 and BS 4987.  
**BINDER COURSE**  
 55mm thk - Ø20mm 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.

**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 used where the gradient is between 1:80 and 1:150.

P02	Details updated to Barnsley Details to suit S38 submission	AS	GH	31.08.2023
P01	First issue.	CD	GH	24.07.2023
REV	DESCRIPTION	SIG	CHK	DATE

HOMES BY HONEY  
 BARNBURGH LANE, GOLDTHORPE  
 HIGHWAY CONSTRUCTION DETAILS  
 - SHEET 1

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ECE PROJECT No	SCALE AT A1	STATUS	SUITABLE FOR
<b>47619</b>	As noted	<b>S0</b>	<b>Initial</b>
DRAWING NUMBER			
<b>47619 - ECE - XX - XX - DR - C - 0053</b>	REV		
Project	Originator	Zone	Level
			Type
			Role
			Number