

## **SCOTTISH MINISTERS' REQUIREMENTS**

### **SCHEDULE 9 PART 3**

#### **SPECIFICATION FOR OPERATIONS (3)**

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**Standard Drawings supplied to each Tenderer**

**1**



## SCOTTISH MINISTERS' REQUIREMENTS

### SCHEDULE 9 PART 3

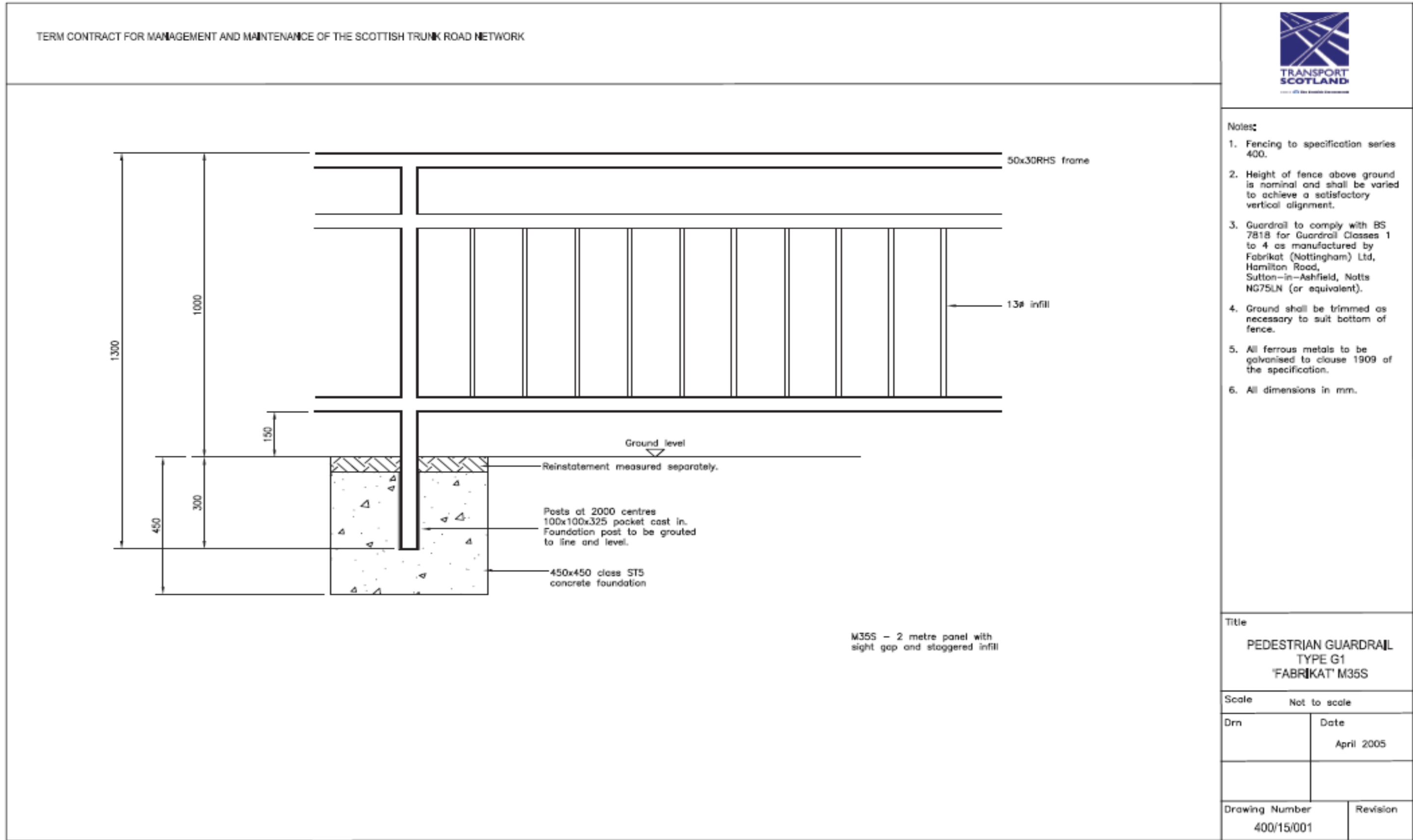
#### SPECIFICATION FOR OPERATIONS (3)

Standard Drawings supplied to each Tenderer

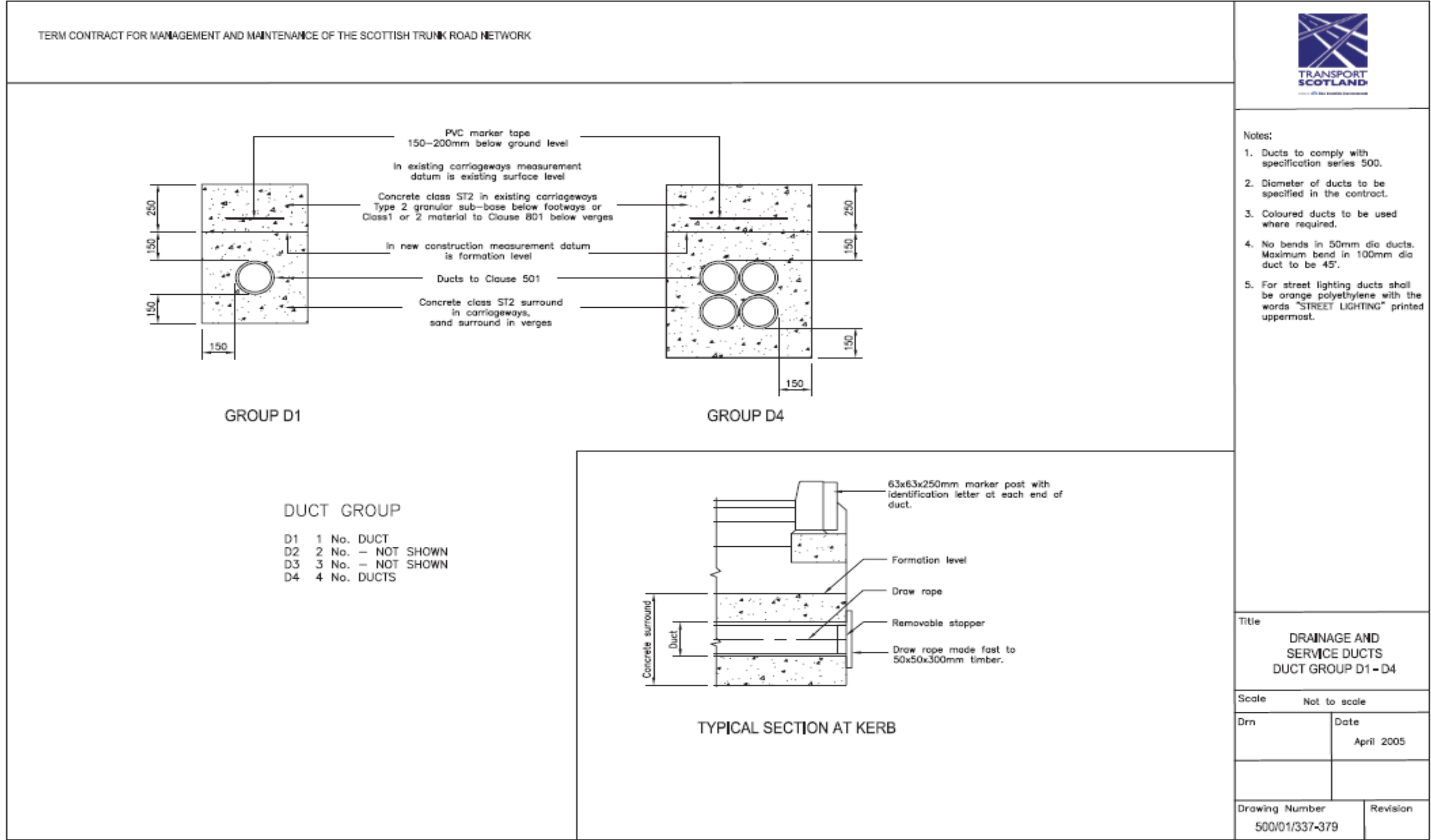
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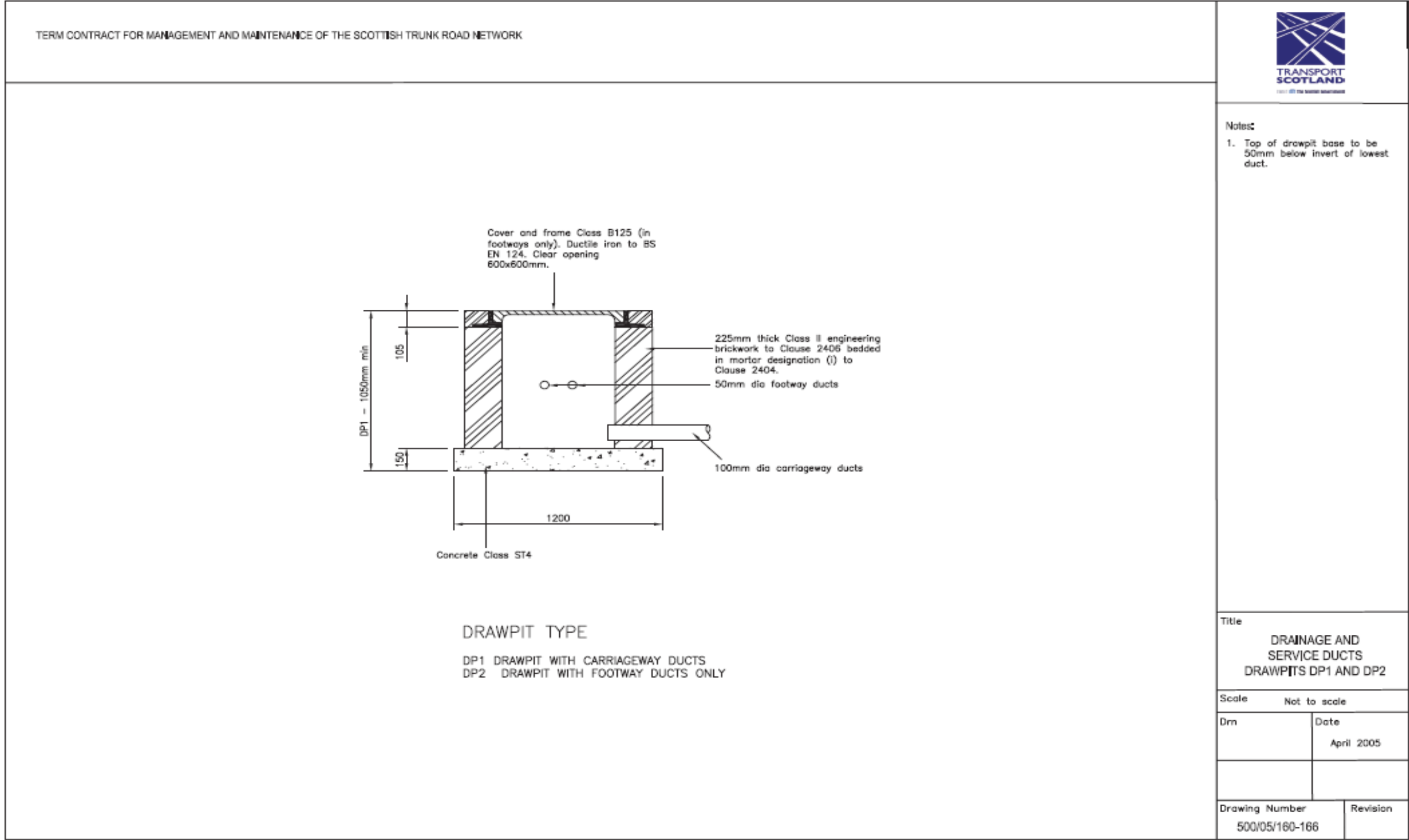
Drawing: 400/15/001 – Pedestrian Guard Rail Type G1



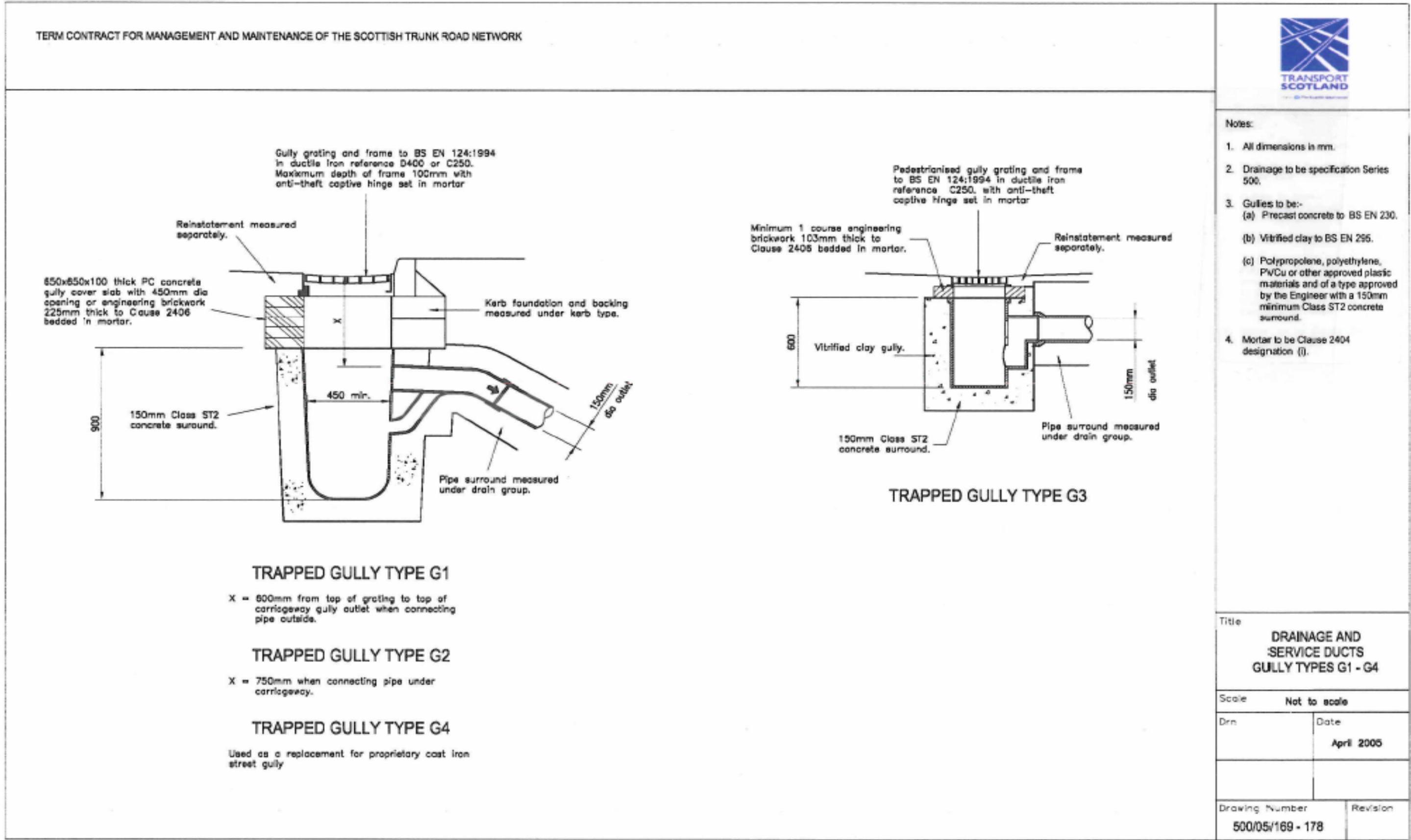
Drawing: 500/01/337-379 – Drainage and Service Ducts – Duct Groups D1 – D4



Drawing: 500/05/160-166 – Drainage and Service Ducts – Drawpits DP1 – DP2

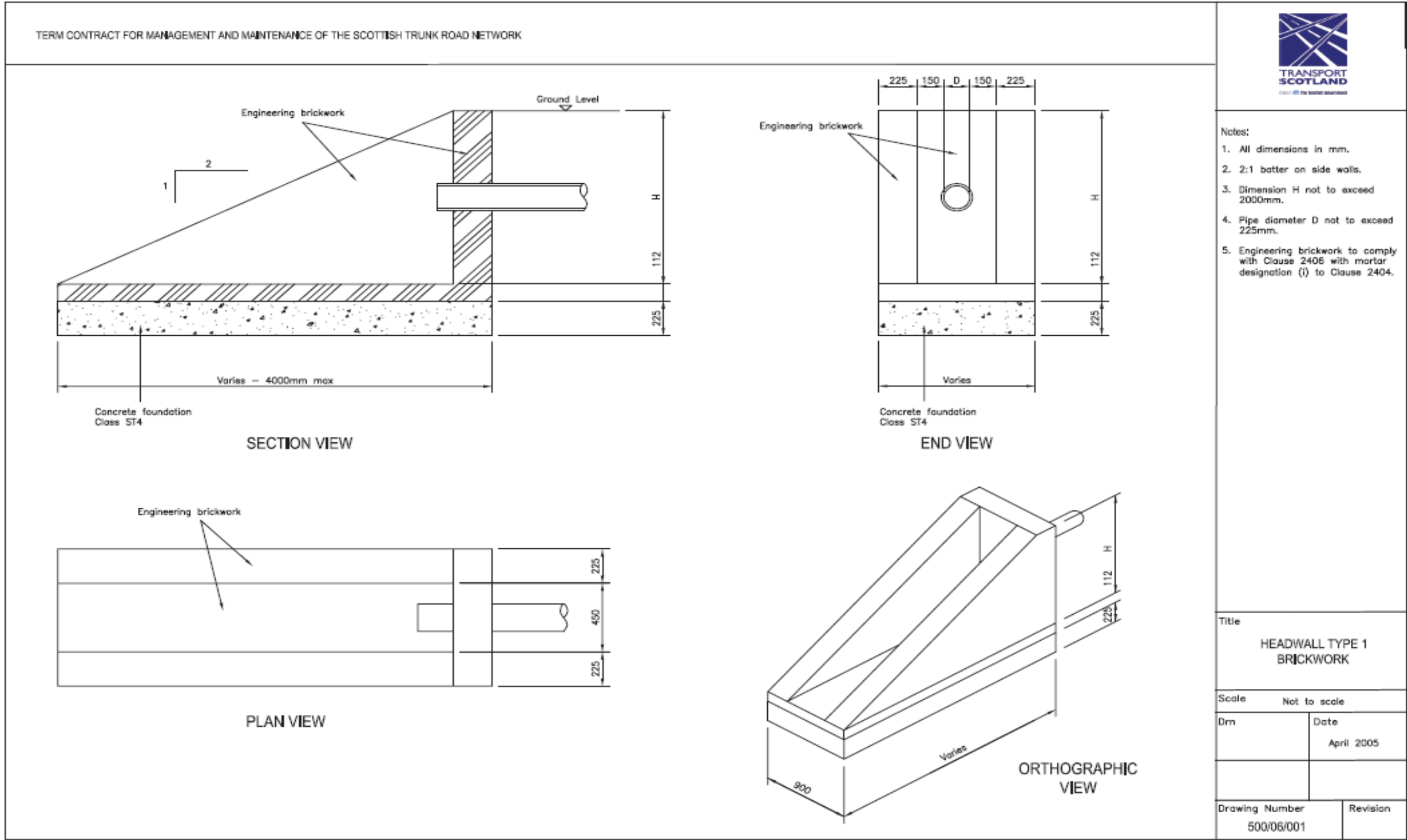


Drawing: 500/05/169-178 – Drainage and Service Ducts – Gully Types G1 – G4

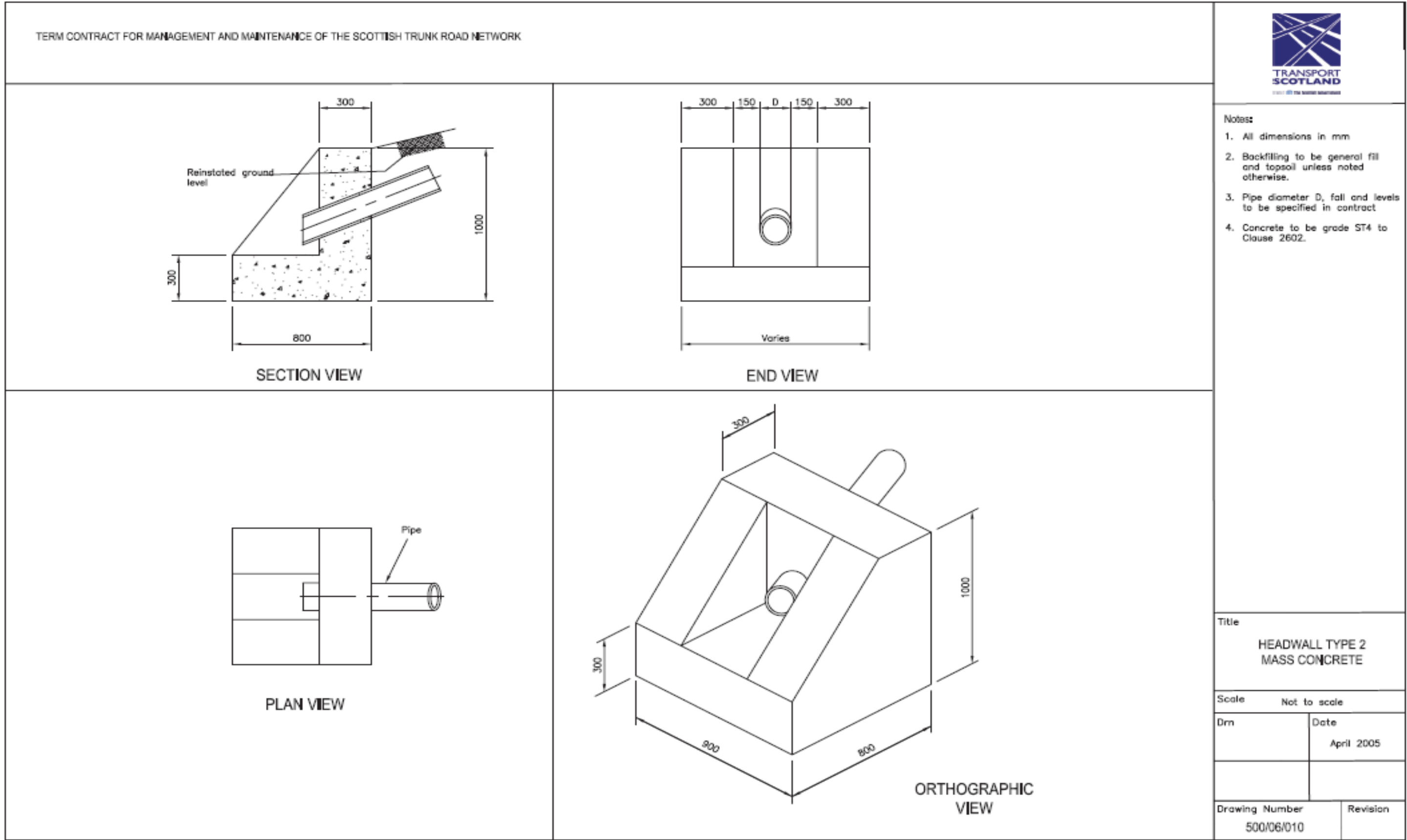




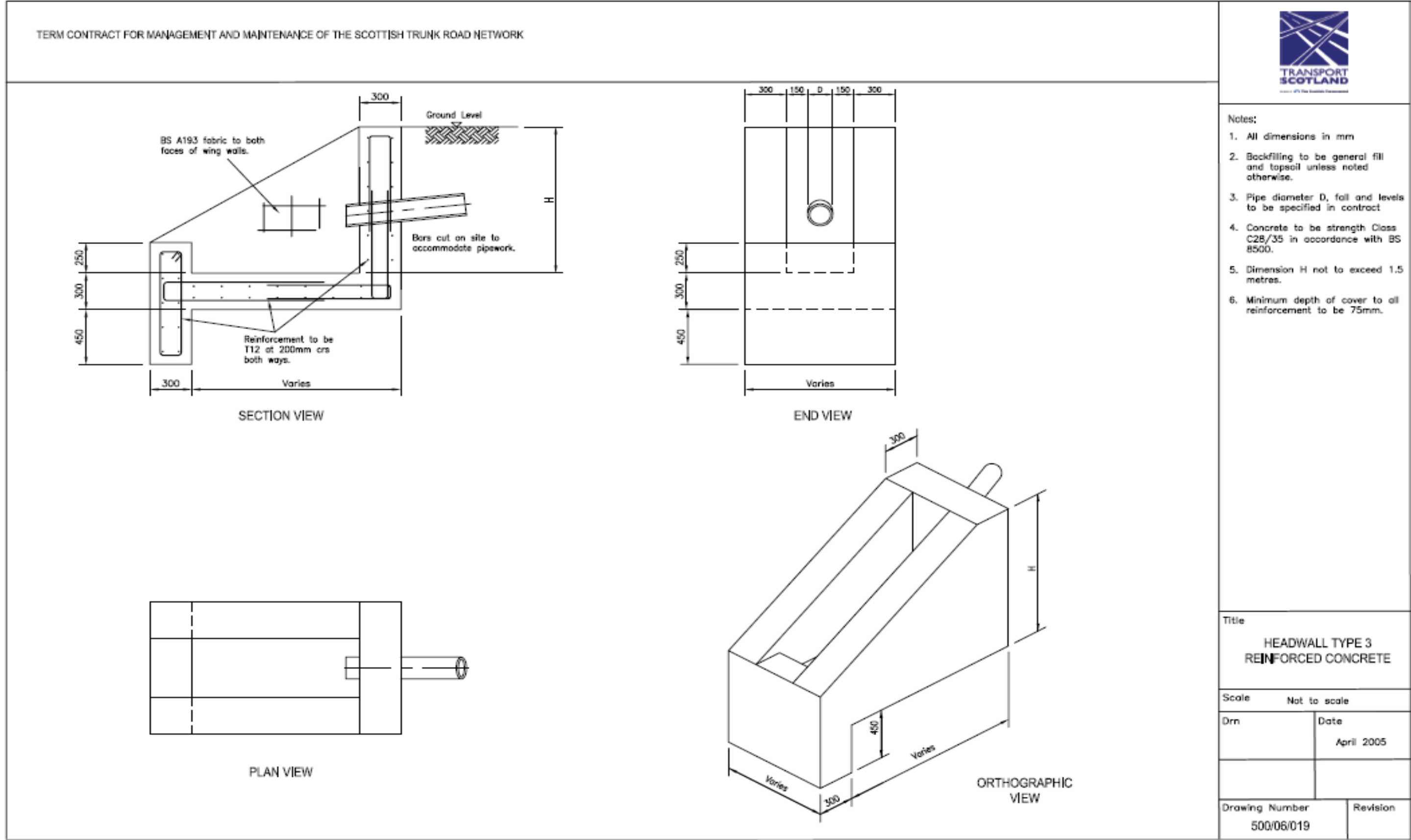
Drawing: 500/06/001 – Headwall Type 1 – Brickwork



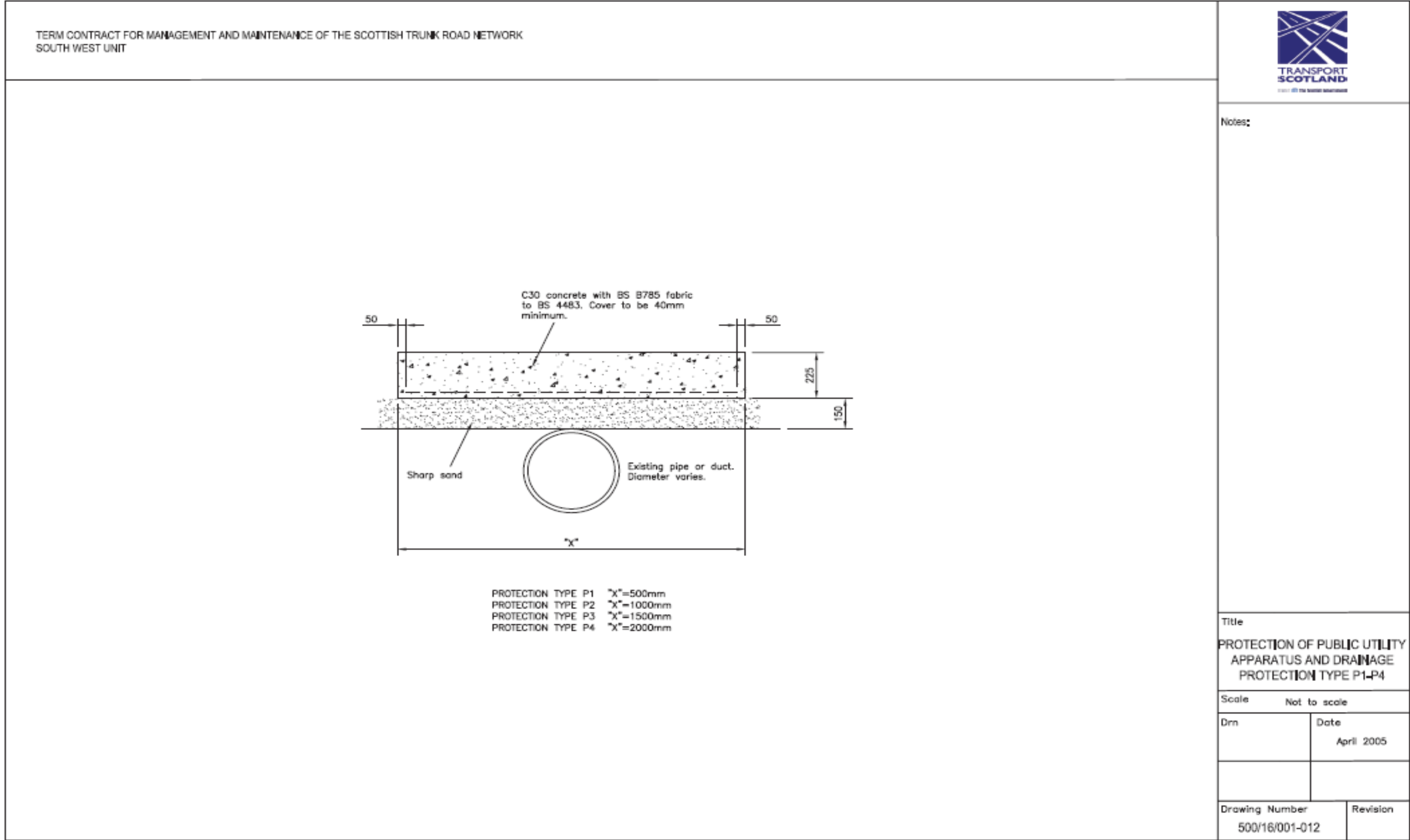
Drawing: 500/06/010 – Headwall Type 1 – Mass Concrete




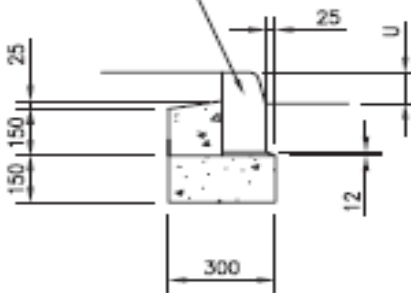
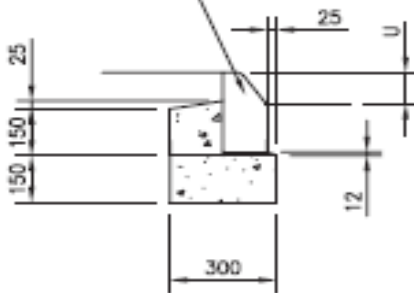
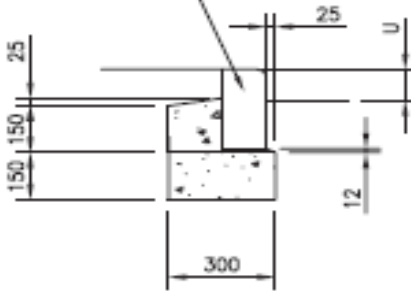
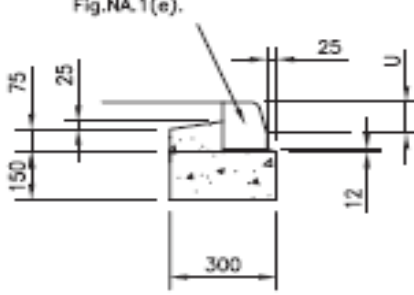
Drawing: 500/06/019 – Headwall Type 3 – Reinforced Concrete



Drawing: 500/16/001-012 – Protection of Public Utility Apparatus and Drainage – Protection Type P1 – P4




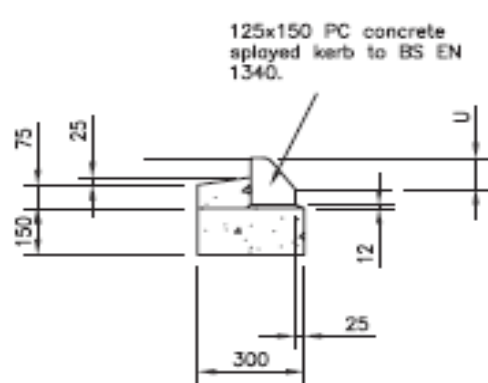
Drawing: 1100/01/001-019 – Kerb Types K1 to K4

TERM CONTRACT FOR MANAGEMENT AND MAINTENANCE OF THE SCOTTISH TRUNK ROAD NETWORK												
<p>125x255 PC concrete half battered (HB2) kerb to BS EN 1340 Fig.NA.1(d).</p> 		<p>125x255 PC concrete splayed (SP) kerb to BS EN 1340 Fig.NA.1(b).</p> 		<p>Notes:</p> <ol style="list-style-type: none"><li>1. All dimensions in mm.</li><li>2. Kerbs to be to specification cl. 1101.</li><li>3. Upstand U to be 100mm unless stated otherwise in the contract.</li><li>4. Mortar bedding to be to Clause 2601.</li><li>5. Kerb type K3 is a non-standard dimension.</li><li>6. Kerb foundation and backing to be mix ST1 to Clause 2602.</li></ol>								
<p>KERB TYPE K1</p>		<p>KERB TYPE K2</p>										
<p>125x255 PC concrete bullnosed kerb to BS EN 1340.</p> 		<p>125x150 PC concrete half battered (HB3) kerb to BS EN 1340 Fig.NA.1(e).</p> 										
<p>KERB TYPE K3</p>		<p>KERB TYPE K4</p>		<p>Title</p> <p>KERB TYPES K1 TO K4</p> <p>Scale</p> <p>Not to scale</p> <table><tr><td>Drm</td><td>Date</td></tr><tr><td></td><td>April 2005</td></tr></table> <table><tr><td>Drawing Number</td><td>Revision</td></tr><tr><td>1100/01/001-019</td><td></td></tr></table>	Drm	Date		April 2005	Drawing Number	Revision	1100/01/001-019	
Drm	Date											
	April 2005											
Drawing Number	Revision											
1100/01/001-019												

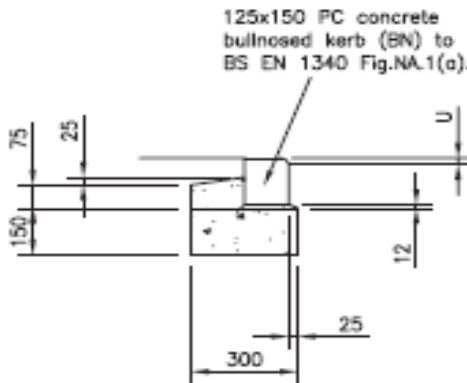
Drawing: 1100/01/025-037 – Kerb Types K5 to K7

TERM CONTRACT FOR MANAGEMENT AND MAINTENANCE OF THE SCOTTISH TRUNK ROAD NETWORK

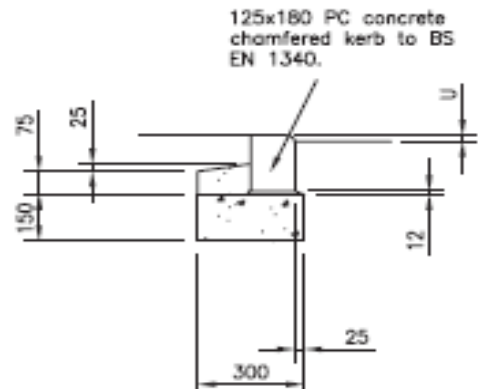




KERB TYPE K5



KERB TYPE K6



KERB TYPE K7

Notes:

1. All dimensions in mm.
2. Kerbs to be to specification Clause 1101
3. For kerb type K5 upstand U to be 100mm unless stated otherwise in the contract
4. Kerb foundation and backing to be mix ST1 to Clause 2602.
5. Mortar bedding to be to Clause 2601
6. For kerb types K6 and K7 the upstand U shall be:  
(i) for pedestrian crossings – 0.  
(ii) for vehicular access – 20.
7. Kerb types K5 and K7 are non-standard dimensions.

Title

KERBS TYPES  
K5 TO K7

Scale

Not to scale

Drm

Date

APRIL 2005

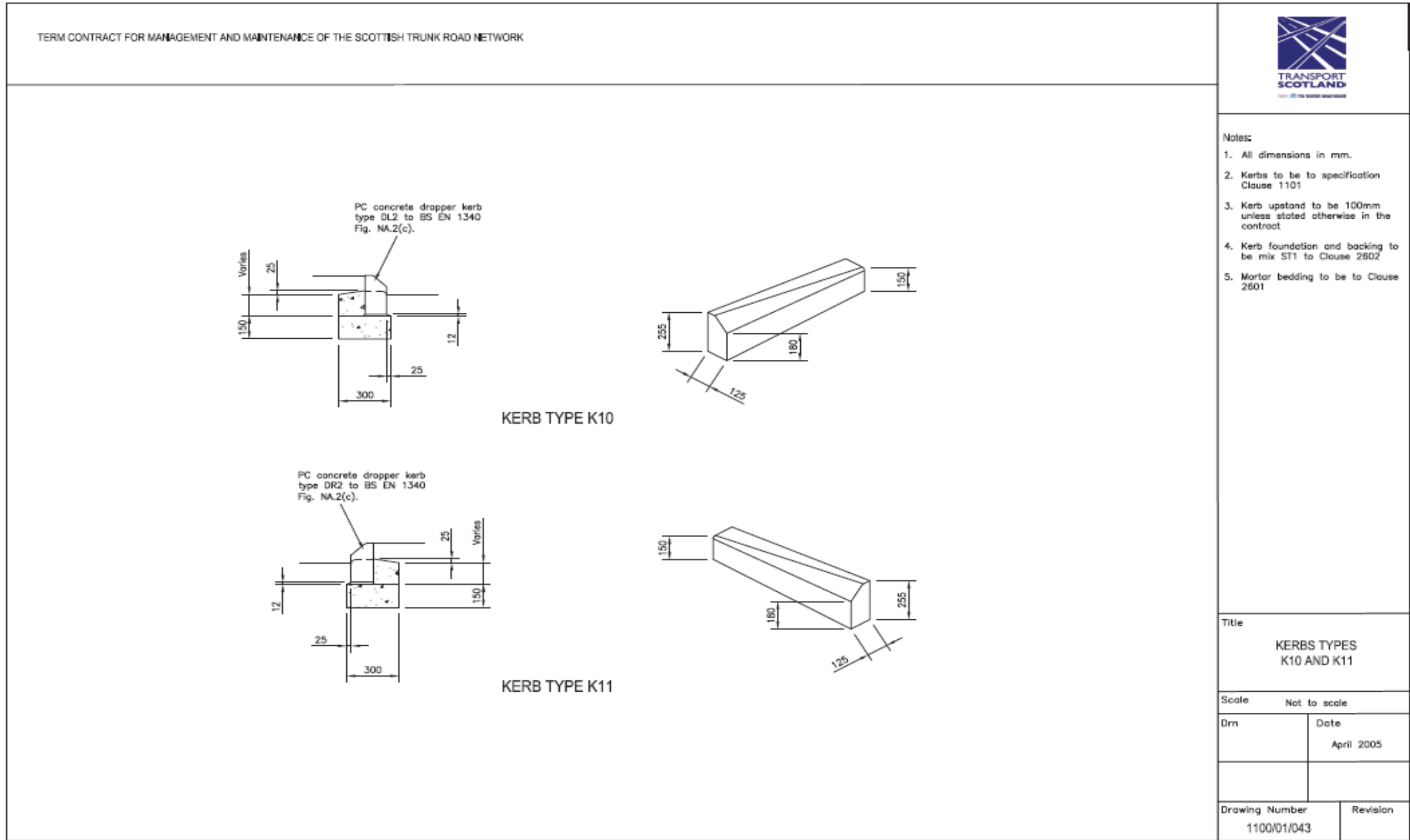
Drawing Number

1100/01/025-037

Revision



Drawing: 1100/01/043 – Kerb Types K10 and K11


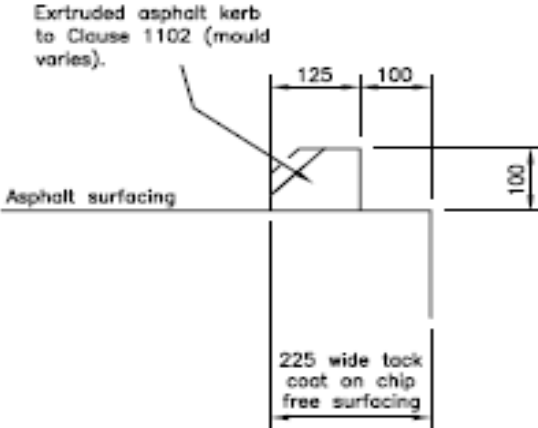
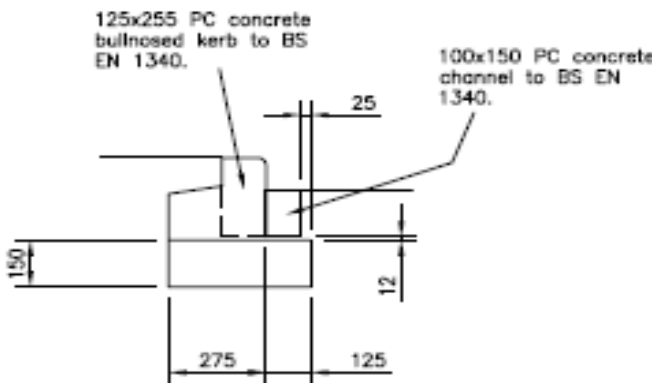
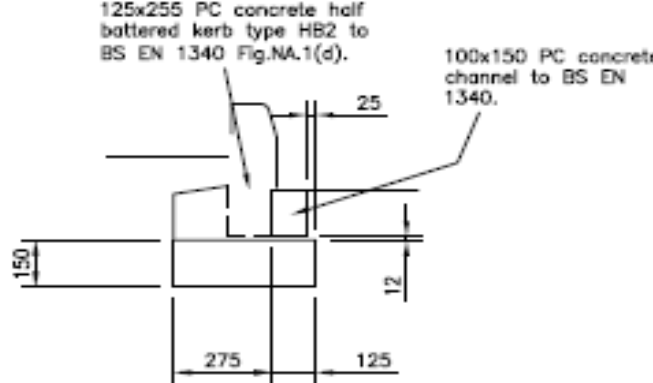
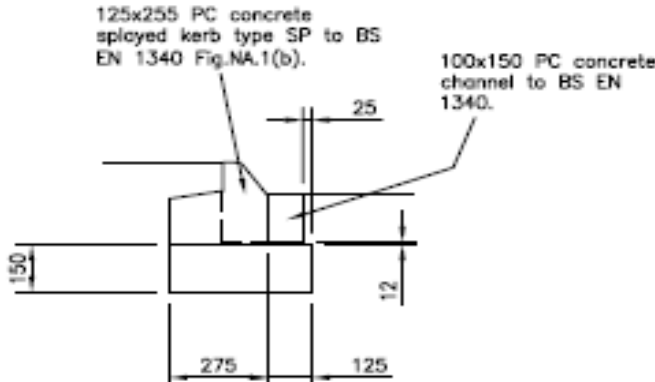
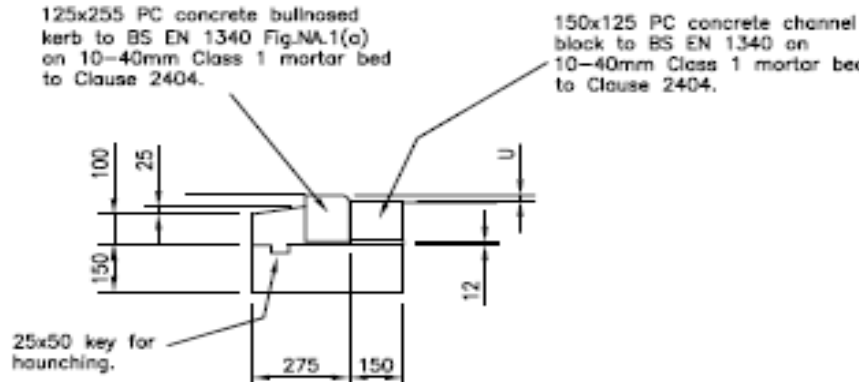






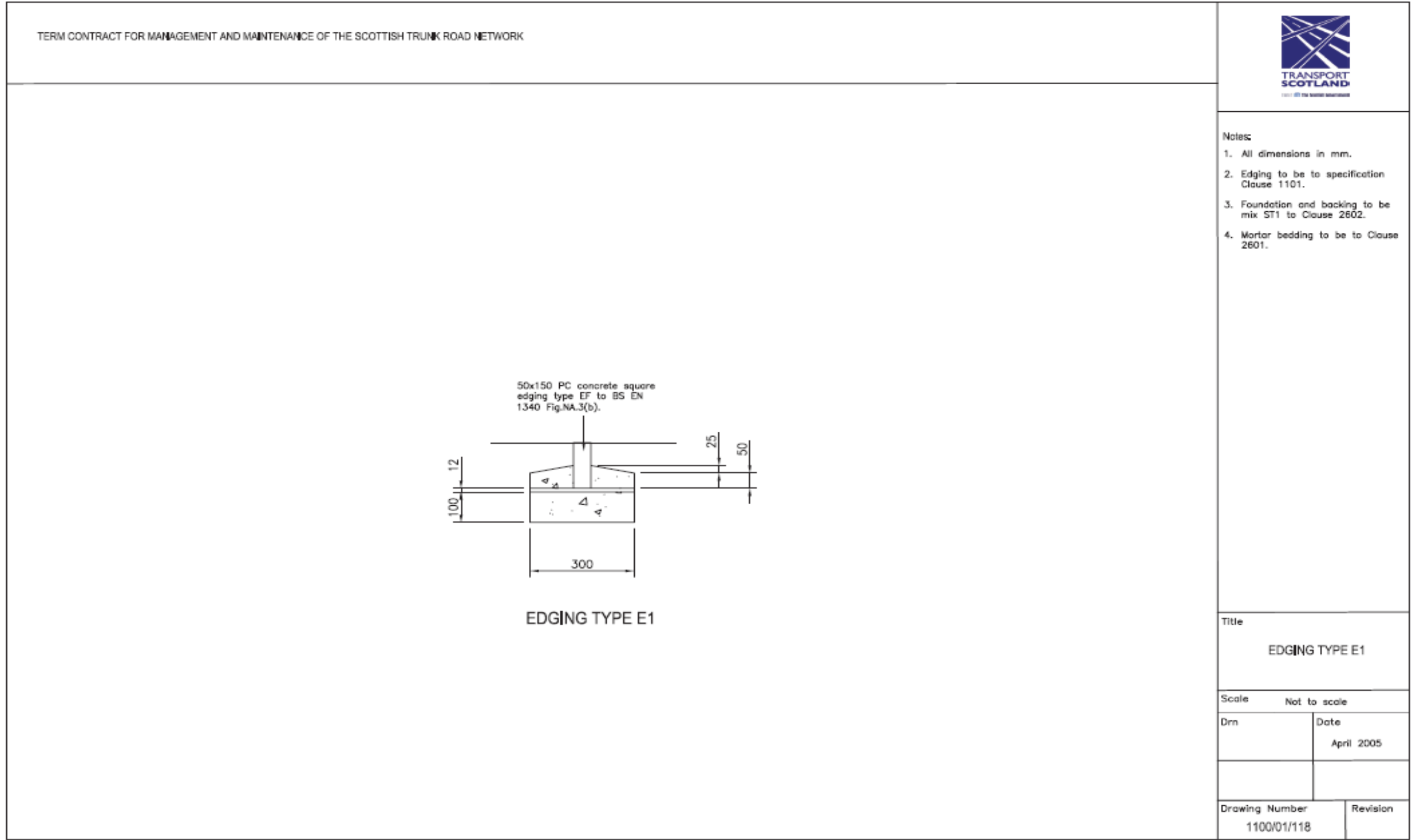


Drawing: 1100/01/061-082 – Kerb Types K20 to K24

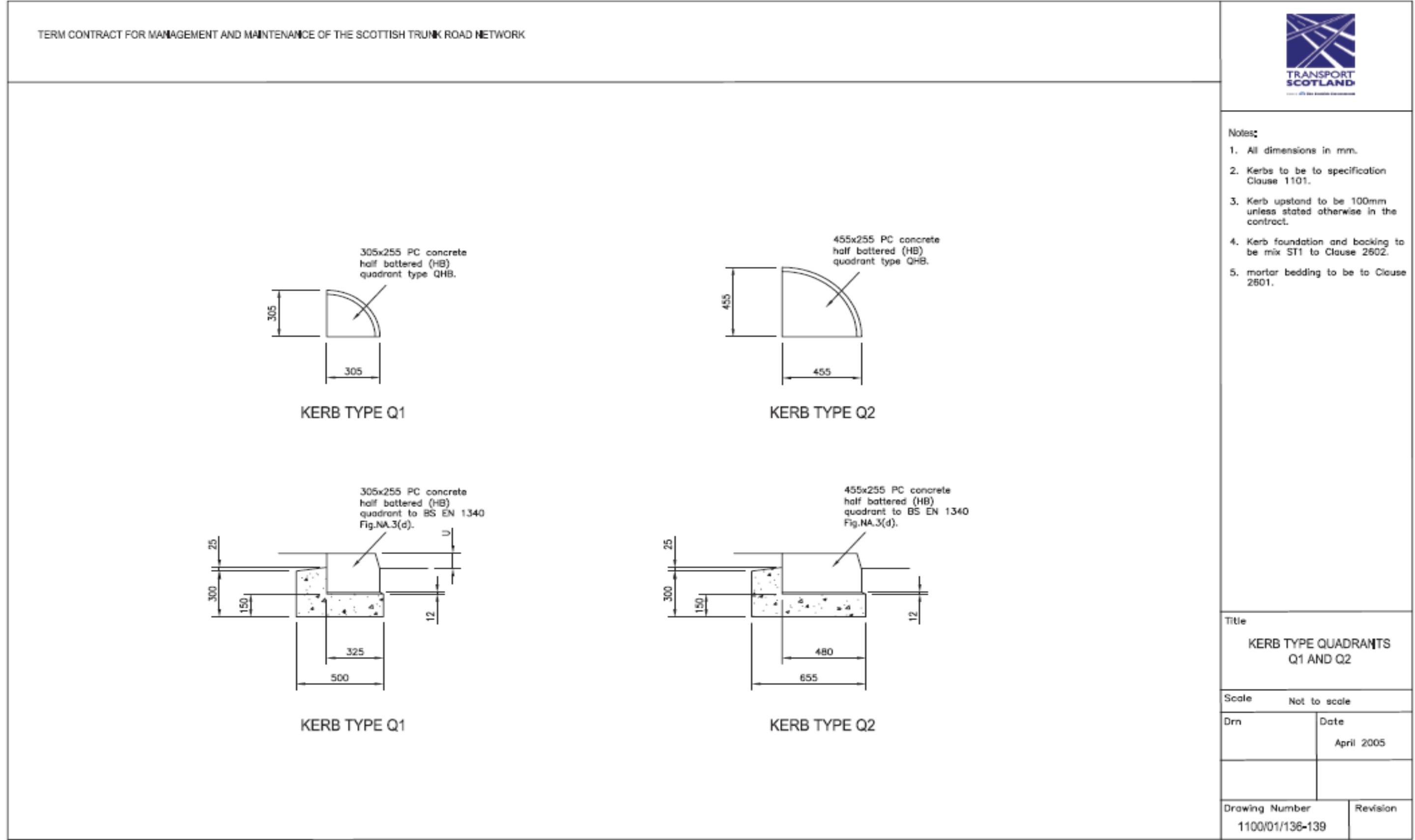
TERM CONTRACT FOR MANAGEMENT AND MAINTENANCE OF THE SCOTTISH TRUNK ROAD NETWORK			 <b>TRANSPORT SCOTLAND</b> <small>1100 - 01/061-082</small>
 <p>Extruded asphalt kerb to Clause 1102 (mould varies).</p> <p>Asphalt surfacing</p> <p>225 wide tack coat on chip free surfacing</p> <p>125 100 100</p> <p>KERB TYPE K20</p>	 <p>125x255 PC concrete bullnosed kerb to BS EN 1340.</p> <p>100x150 PC concrete channel to BS EN 1340.</p> <p>25 12 275 125 150</p> <p>KERB TYPE K21</p>	 <p>125x255 PC concrete half battered kerb type HB2 to BS EN 1340 Fig.NA.1(d).</p> <p>100x150 PC concrete channel to BS EN 1340.</p> <p>25 12 275 125 150</p> <p>KERB TYPE K22</p>	<p>Notes:</p> <ol style="list-style-type: none"><li>1. All dimensions in mm.</li><li>2. Kerbs to be to specification Clause 1101.</li><li>3. For kerb types K20–K23 upstand to be 100mm unless stated otherwise in the contract.</li><li>4. Kerb foundation and backing to be mix ST1 to Clause 2602.</li><li>5. Mortar bedding to be to Clause 2601.</li><li>6. For kerb type K24 upstand U shall be: (i) for pedestrian crossings – 0 (ii) for vehicular access – 20.</li></ol>
 <p>125x255 PC concrete splayed kerb type SP to BS EN 1340 Fig.NA.1(b).</p> <p>100x150 PC concrete channel to BS EN 1340.</p> <p>25 12 275 125 150</p> <p>KERB TYPE K23</p>	 <p>125x255 PC concrete bullnosed kerb to BS EN 1340 Fig.NA.1(a) on 10–40mm Class 1 mortar bed to Clause 2404.</p> <p>150x125 PC concrete channel block to BS EN 1340 on 10–40mm Class 1 mortar bed to Clause 2404.</p> <p>25x50 key for haunching.</p> <p>100 25 0 12 275 150 150</p> <p>KERB TYPE K24</p>		
<p>Title</p> <p>KERB TYPES K20 TO K24</p>			
<p>Scale</p> <p>Not to scale</p>			
<p>Drn</p>		<p>Date</p> <p>April 2005</p>	
<p>Drawing Number</p> <p>1100/01/061-082</p>			
<p>Revision</p>			



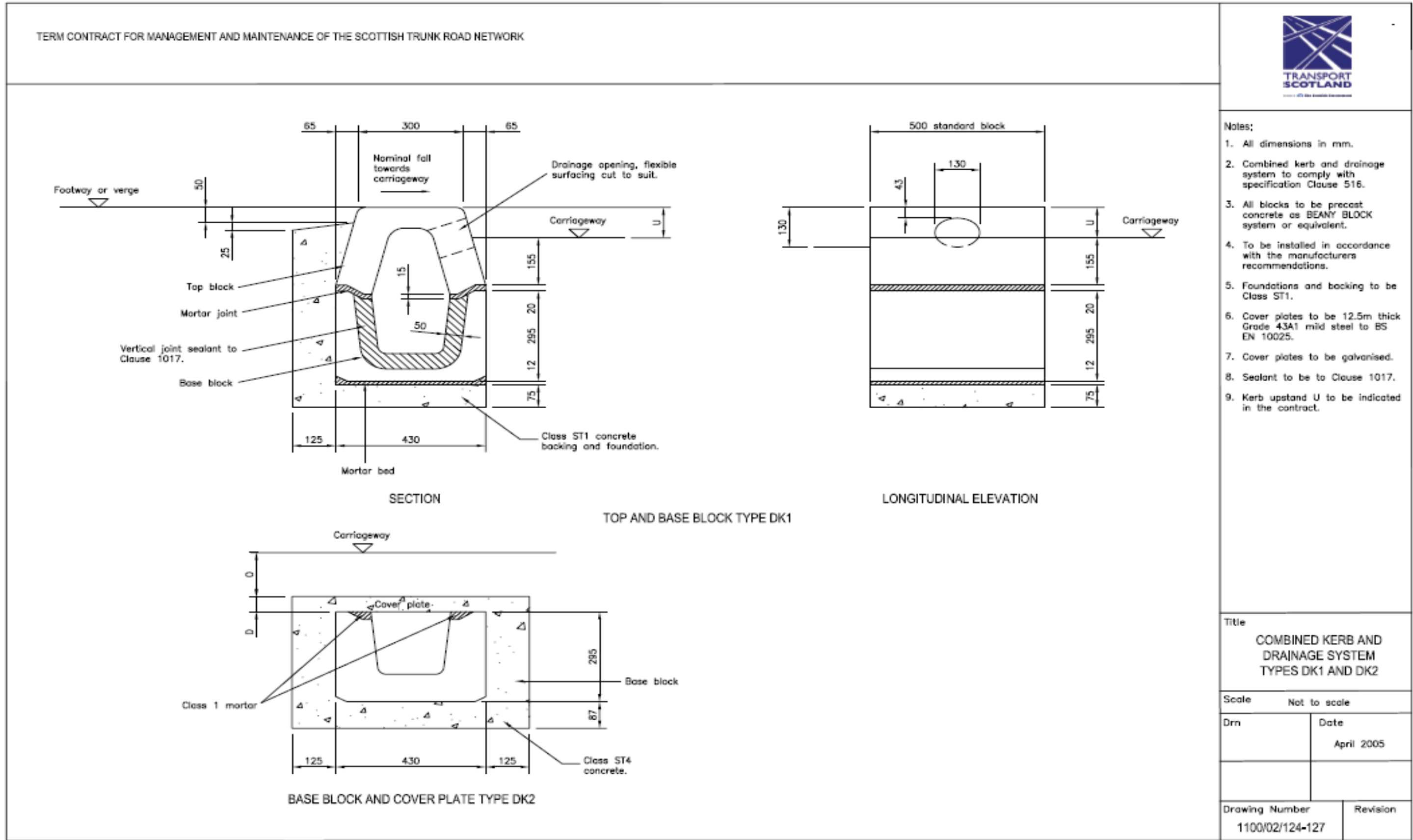
Drawing: 1100/01/118 – Edging Type E1



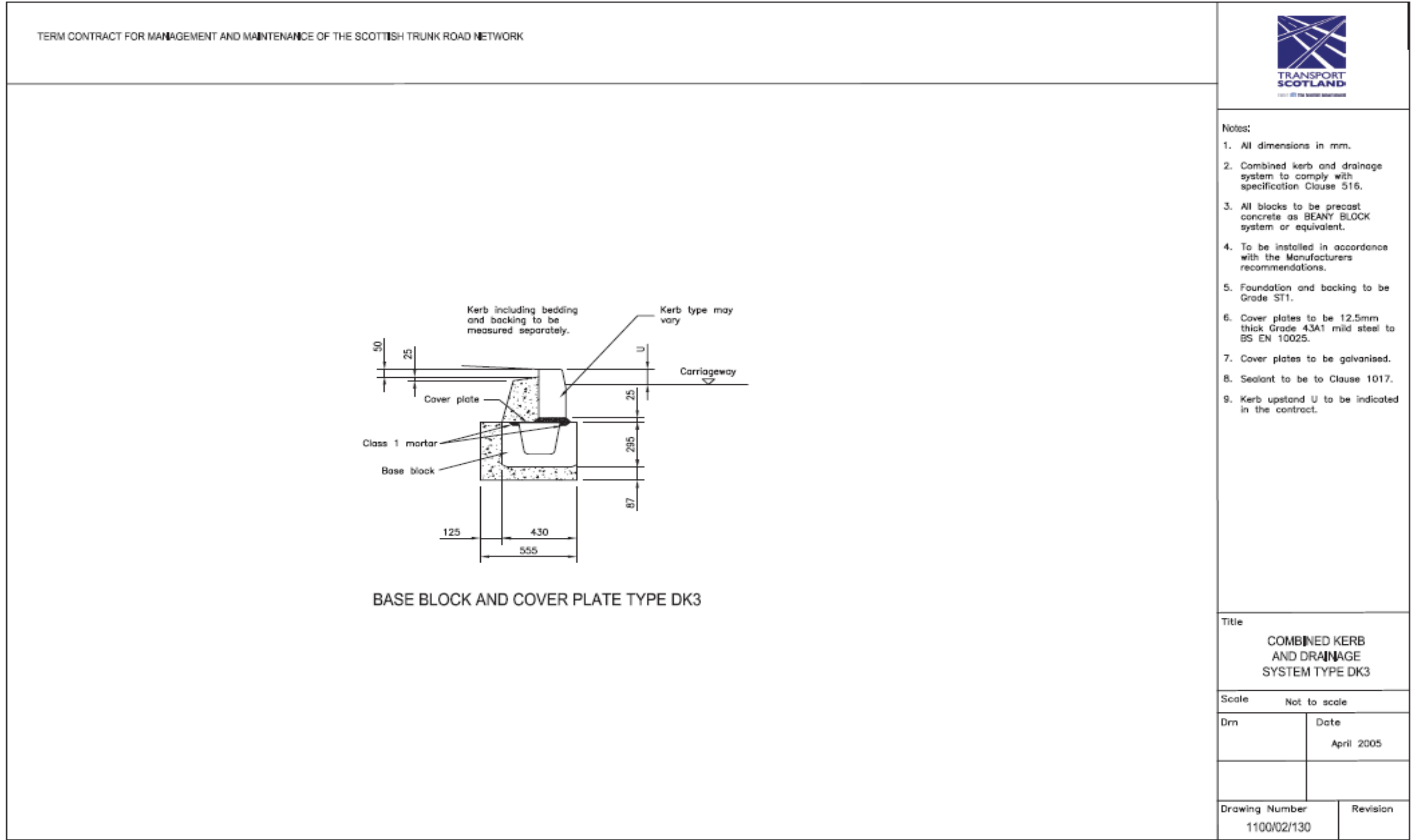
Drawing: 1100/01/136-139 – Kerb Type Quadrants Q1 and Q2



Drawing: 1100/02/124-127 – Combined Kerb and Drainage System Types DK1 and DK2

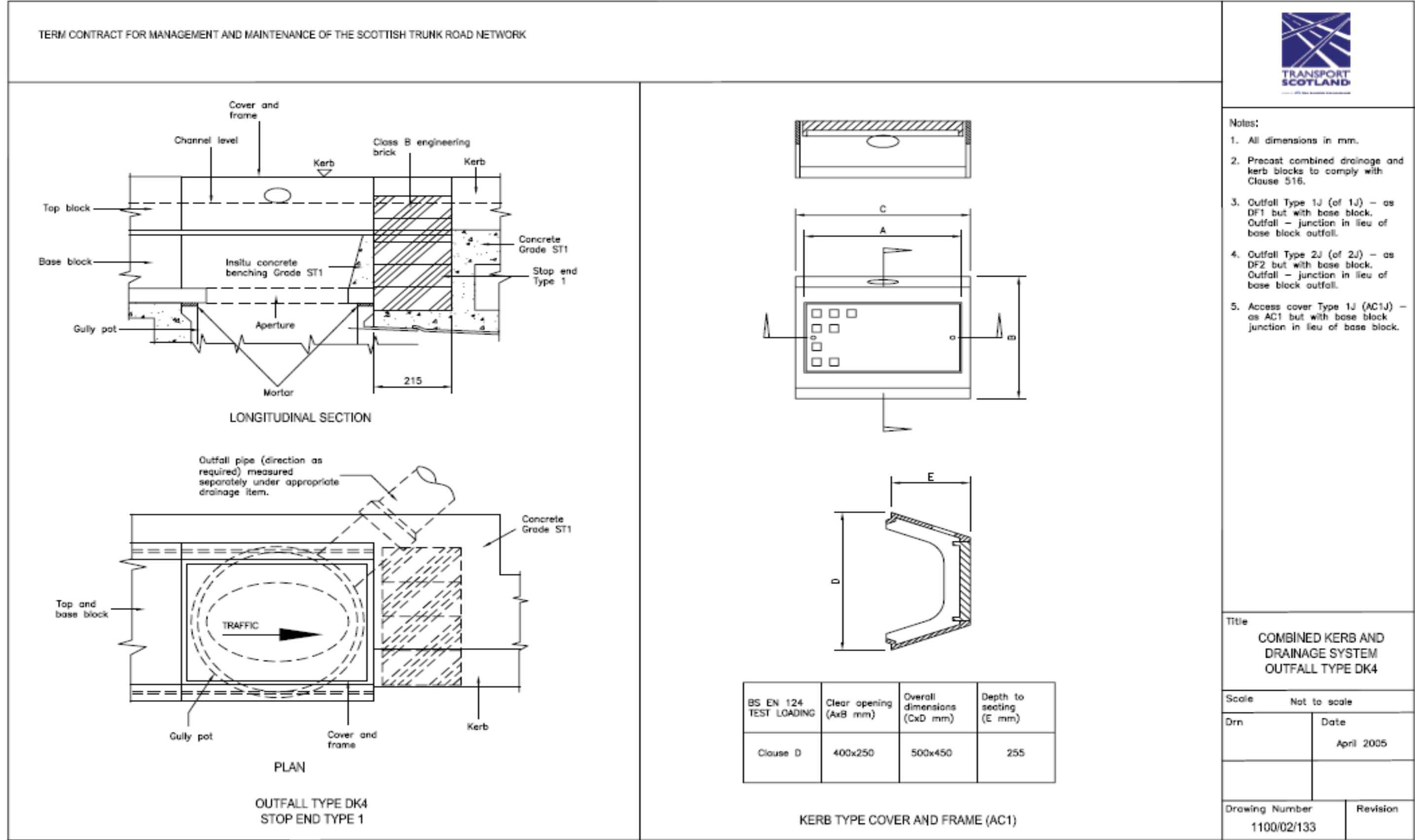


Drawing: 1100/02/130 – Combined Kerb and Drainage System Types DK3


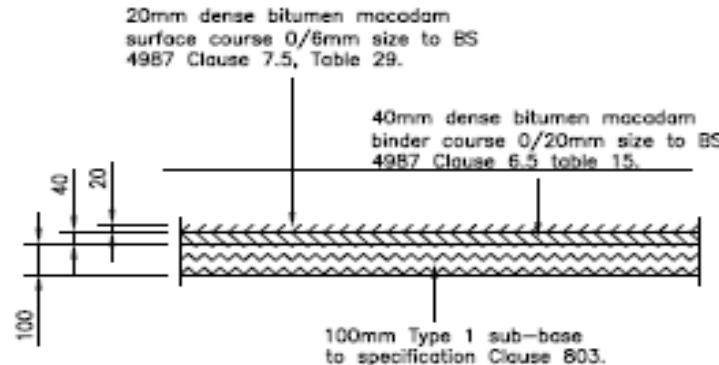
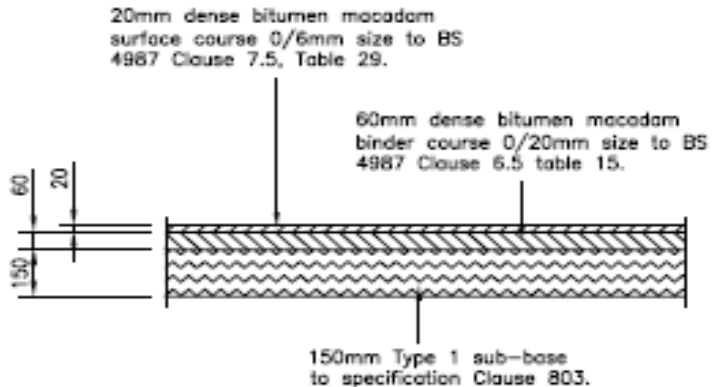
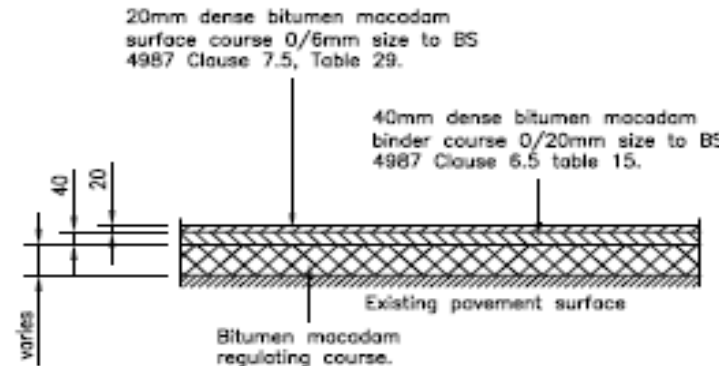
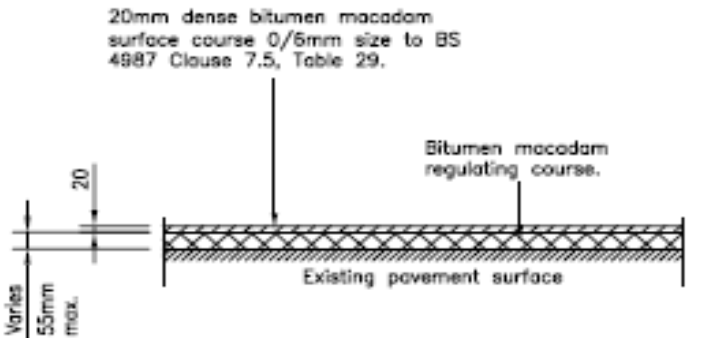





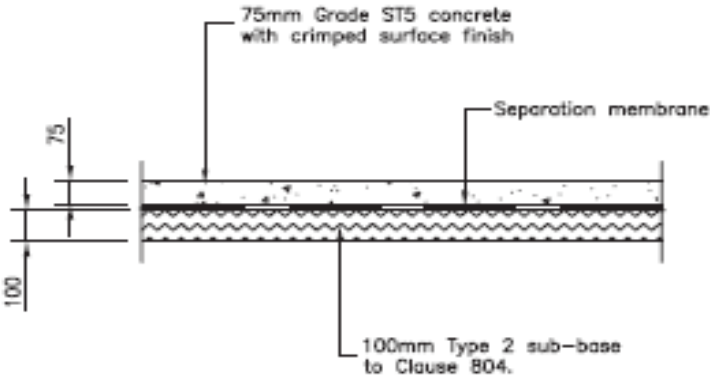
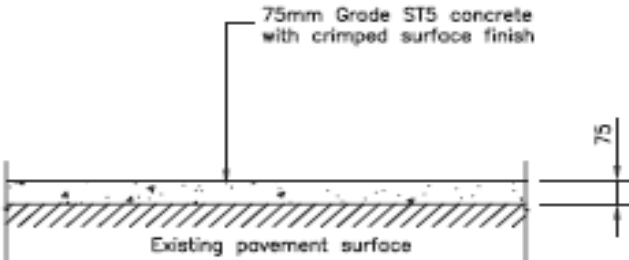
Drawing: 1100/02/133 – Combined Kerb and Drainage System Outfall Types DK4



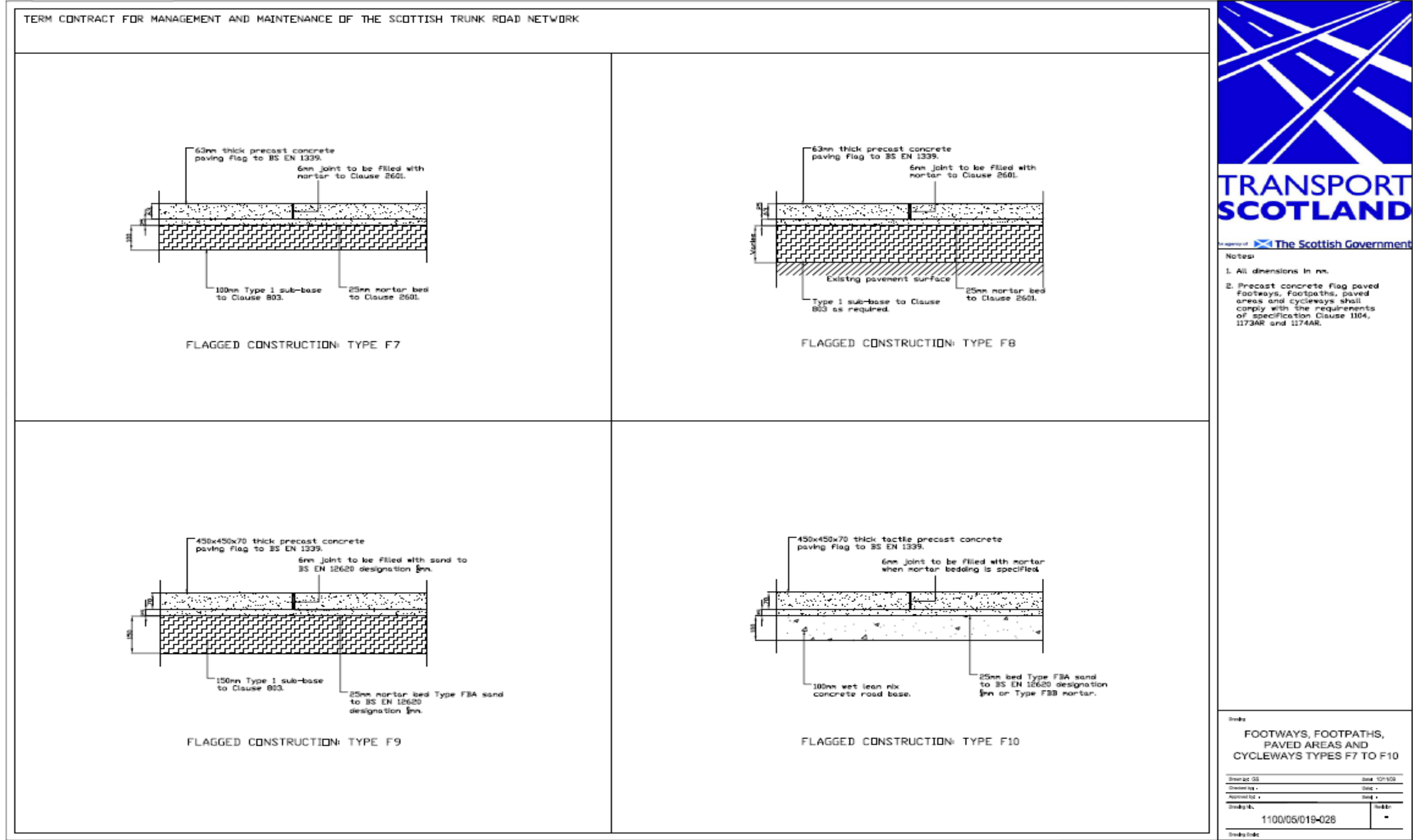
Drawing: 1100/05/001-010 – Footways, Footpaths, Paved Areas and Cycleways Types F1 to F4

TERM CONTRACT FOR MANAGEMENT AND MAINTENANCE OF THE SCOTTISH TRUNK ROAD NETWORK		
		Notes: 1. All dimensions in mm. 2. Regulating material shall be Type RC1 to RC4 in accordance with Appendix 7/1 schedule 5.
FLEXIBLE CONSTRUCTION : TYPE F1	FLEXIBLE CONSTRUCTION : TYPE F2	
		Title FOOTWAYS, FOOTPATHS, PAVED AREAS AND CYCLEWAYS TYPES F1 TO F4 Scale Not to scale Drn Date April 2005 Drawing Number 1100/05/001-010 Revision
FLEXIBLE CONSTRUCTION : TYPE F3	FLEXIBLE CONSTRUCTION : TYPE F4	

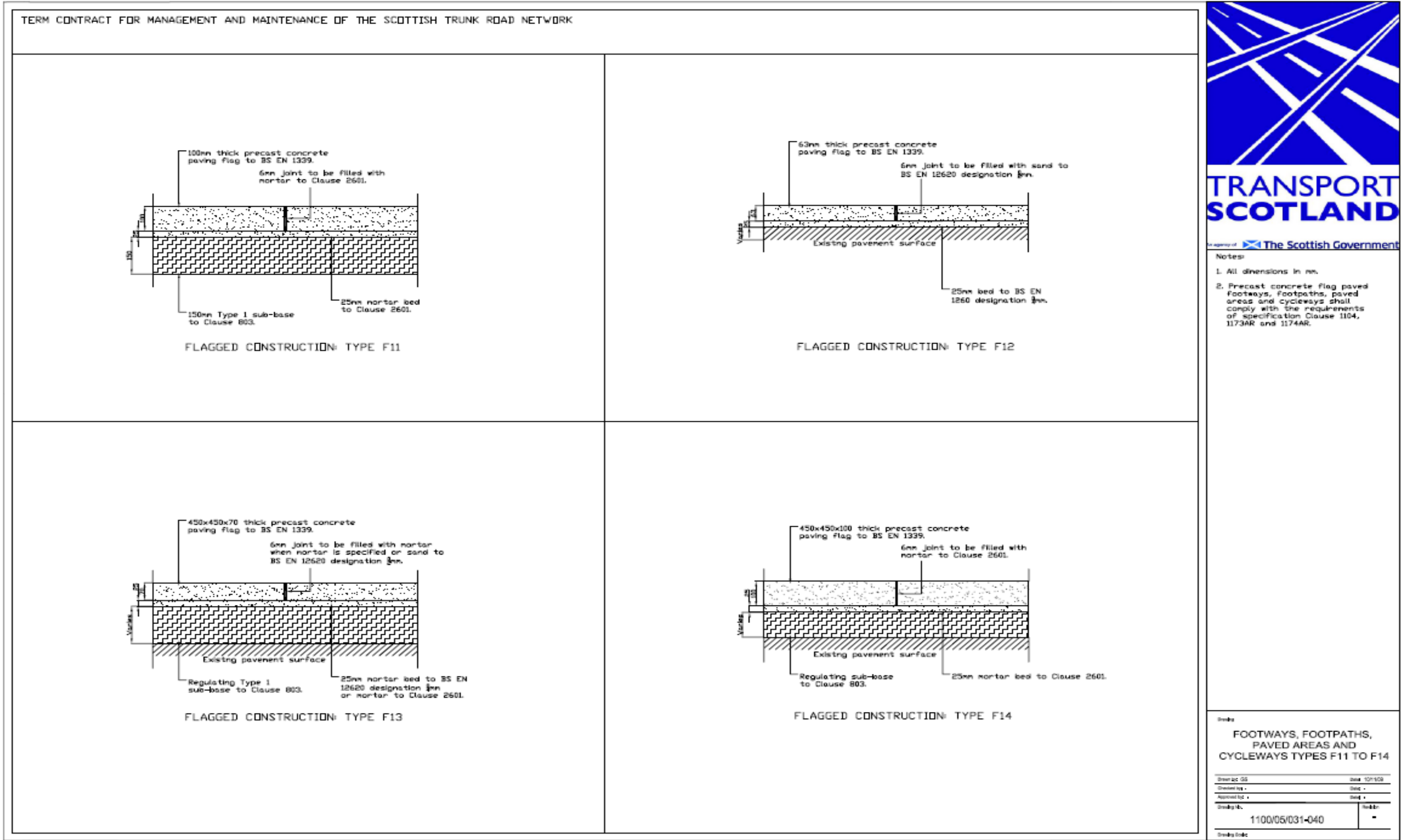
Drawings: 1100/05/013-016 – Footways, Footpaths, Paved Areas and Cycleways Types F5 and F6

TERM CONTRACT FOR MANAGEMENT AND MAINTENANCE OF THE SCOTTISH TRUNK ROAD NETWORK		 <p>Notes; 1. All dimensions in mm.</p>
 <p>CONCRETE CONSTRUCTION : TYPE F5</p>	 <p>CONCRETE CONSTRUCTION : TYPE F6</p>	
Title FOOTWAYS, FOOTPATHS, PAVED AREAS AND CYCLEWAYS TYPES F5 AND F6		
Scale Not to scale		
Drm		Date April 2005
Drawing Number 1100/05/013-016		Revision

Drawing: 1100/05/019-028 – Footways, Footpaths, Paved Areas and Cycleways Types F7 to F10

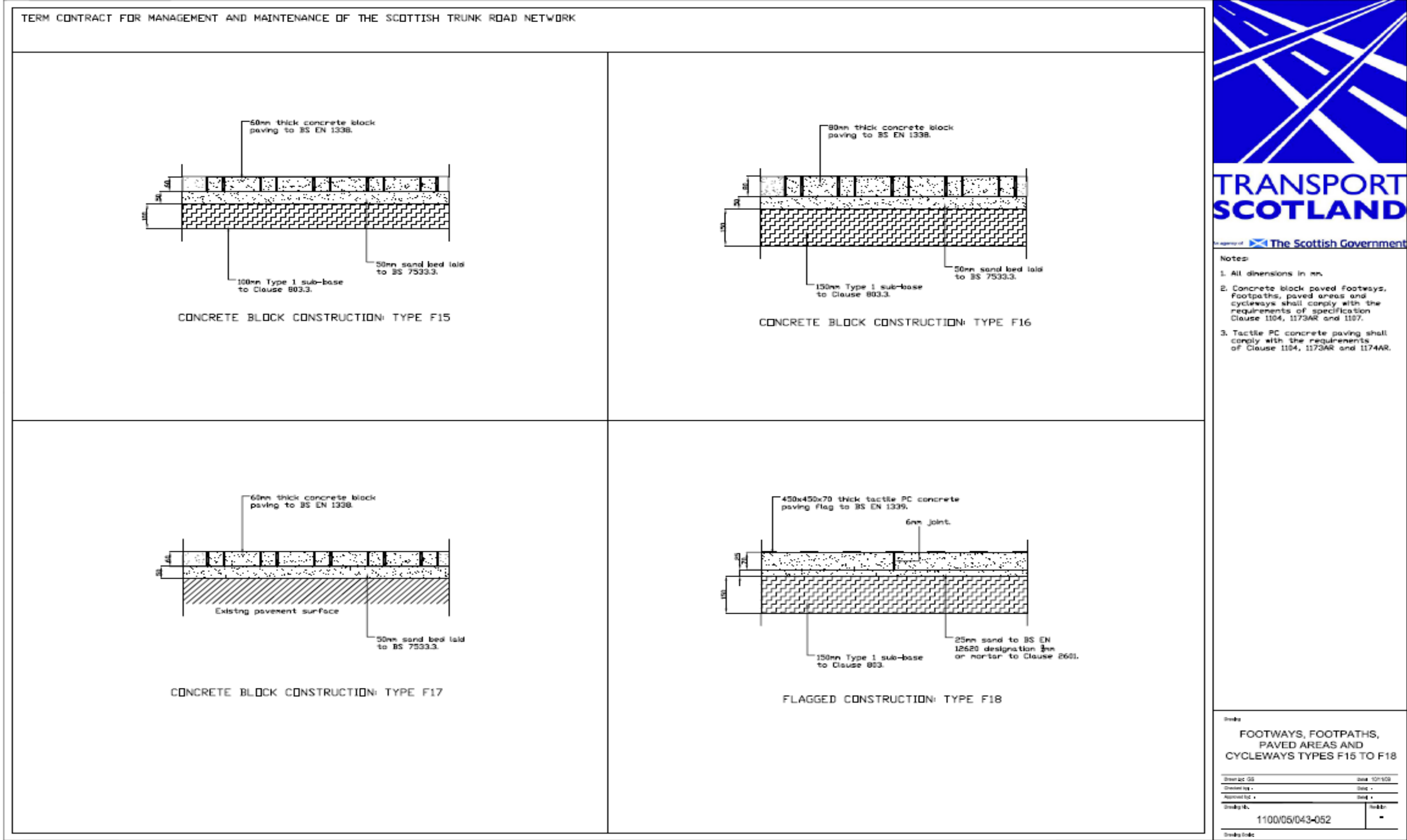


Drawing: 1100/05/031-040 – Footways, Footpaths, Paved Areas and Cycleways Types F11 to F14

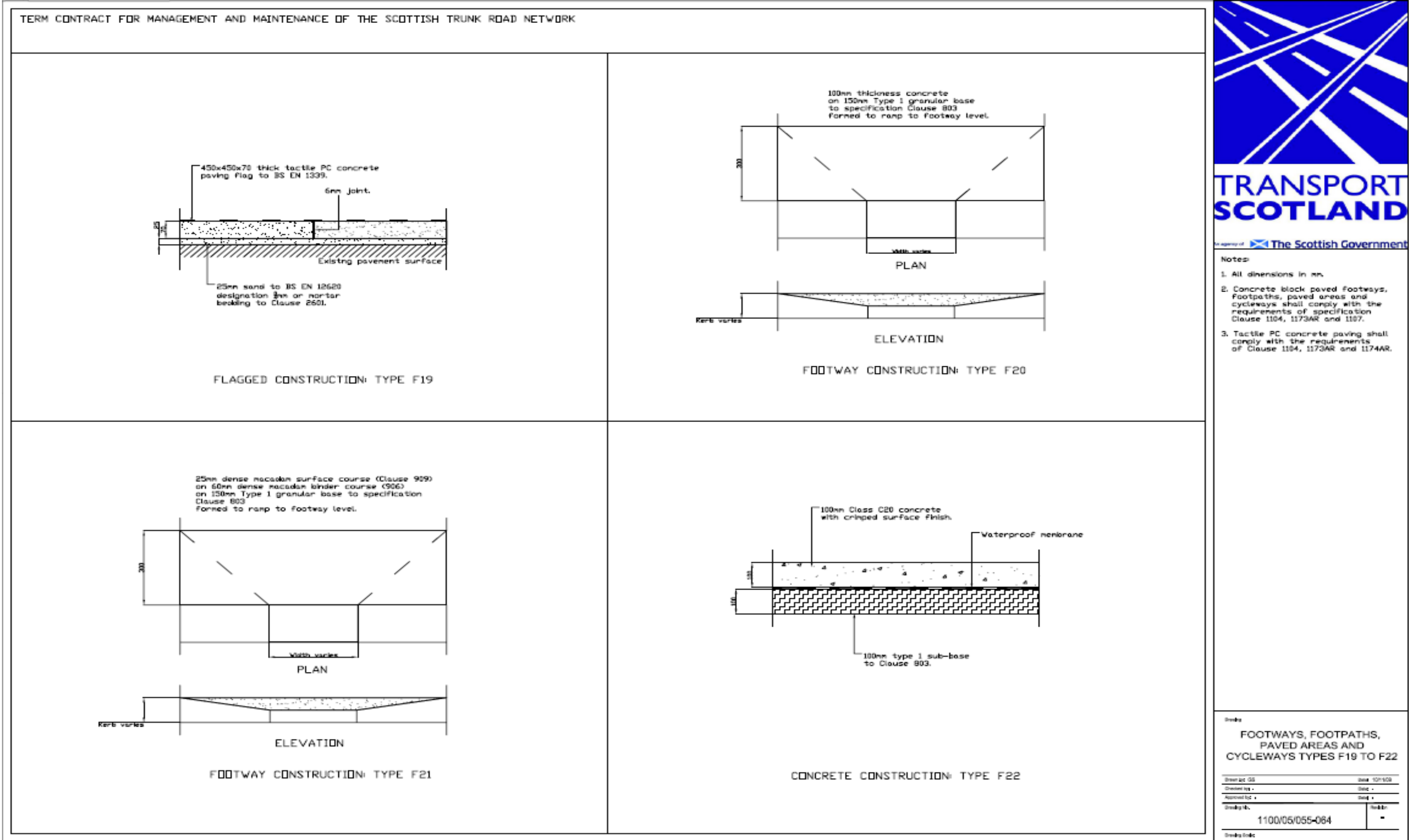




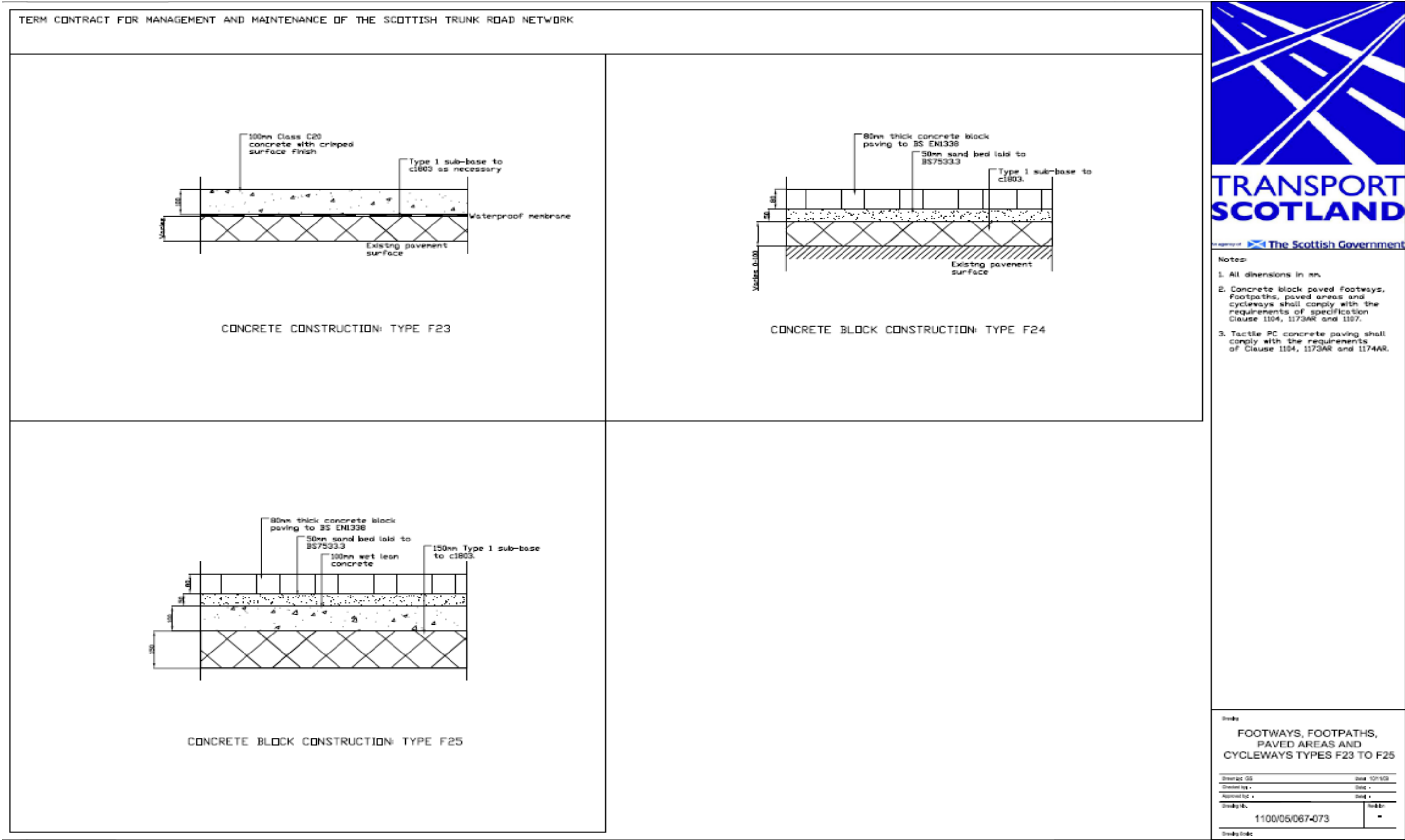
Drawing: 1100/05/043-052 – Footways, Footpaths, Paved Areas and Cycleways Types F15 to F18



Drawing: 1100/05/055-064 – Footways, Footpaths, Paved Areas and Cycleways Types F19 to F22

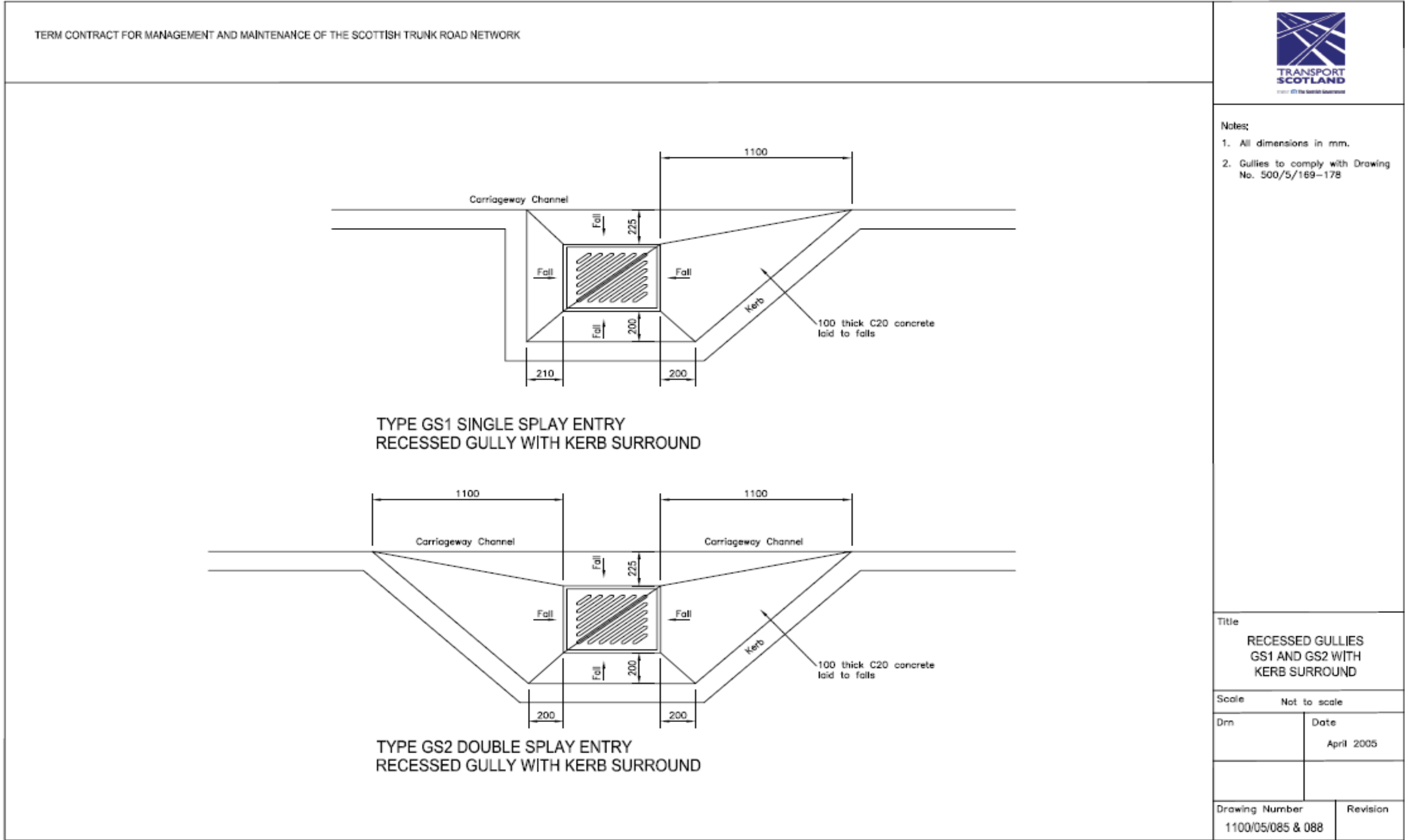


Drawing: 1100/05/067-073 – Footways, Footpaths, Paved Areas and Cycleways Types F23 to F25

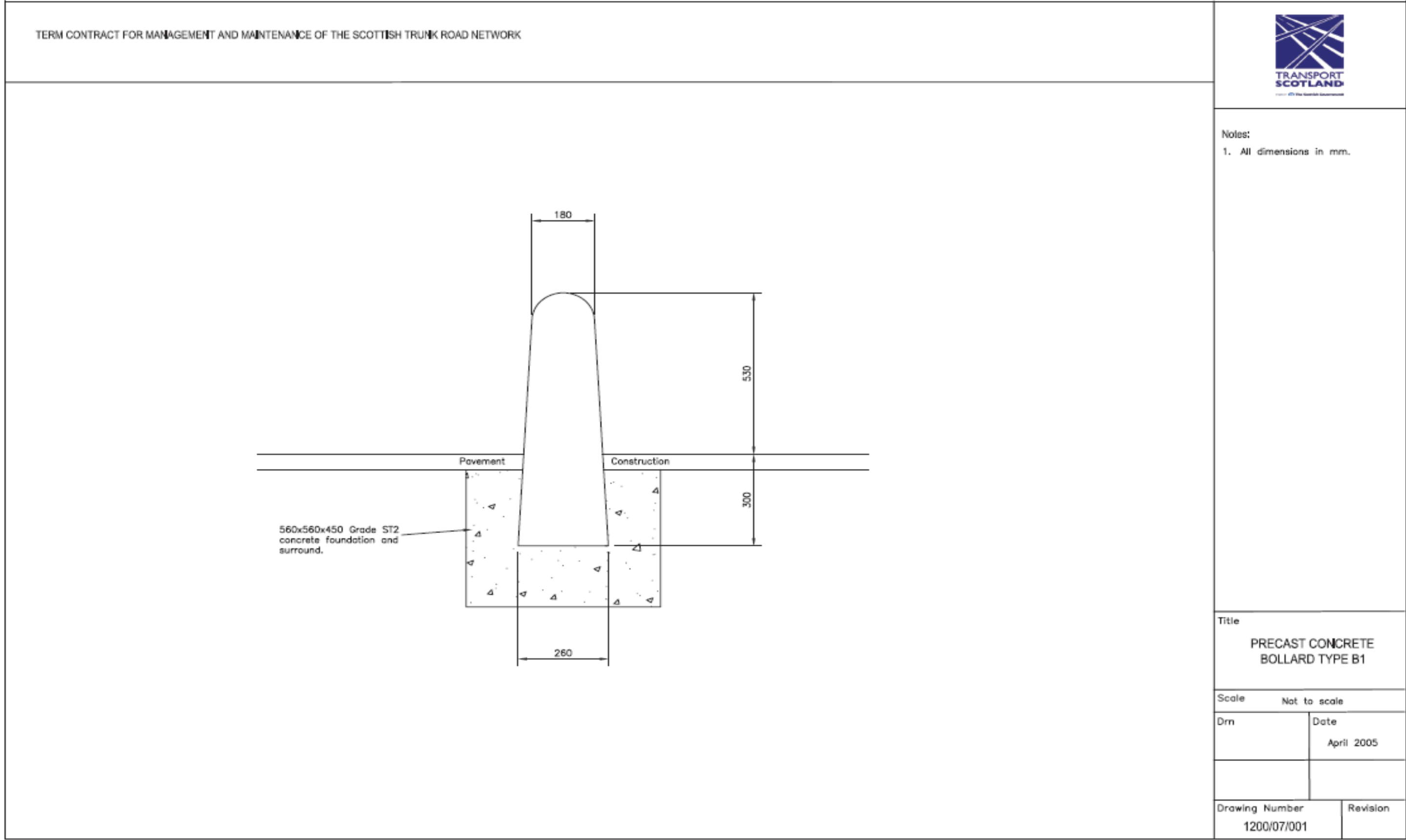




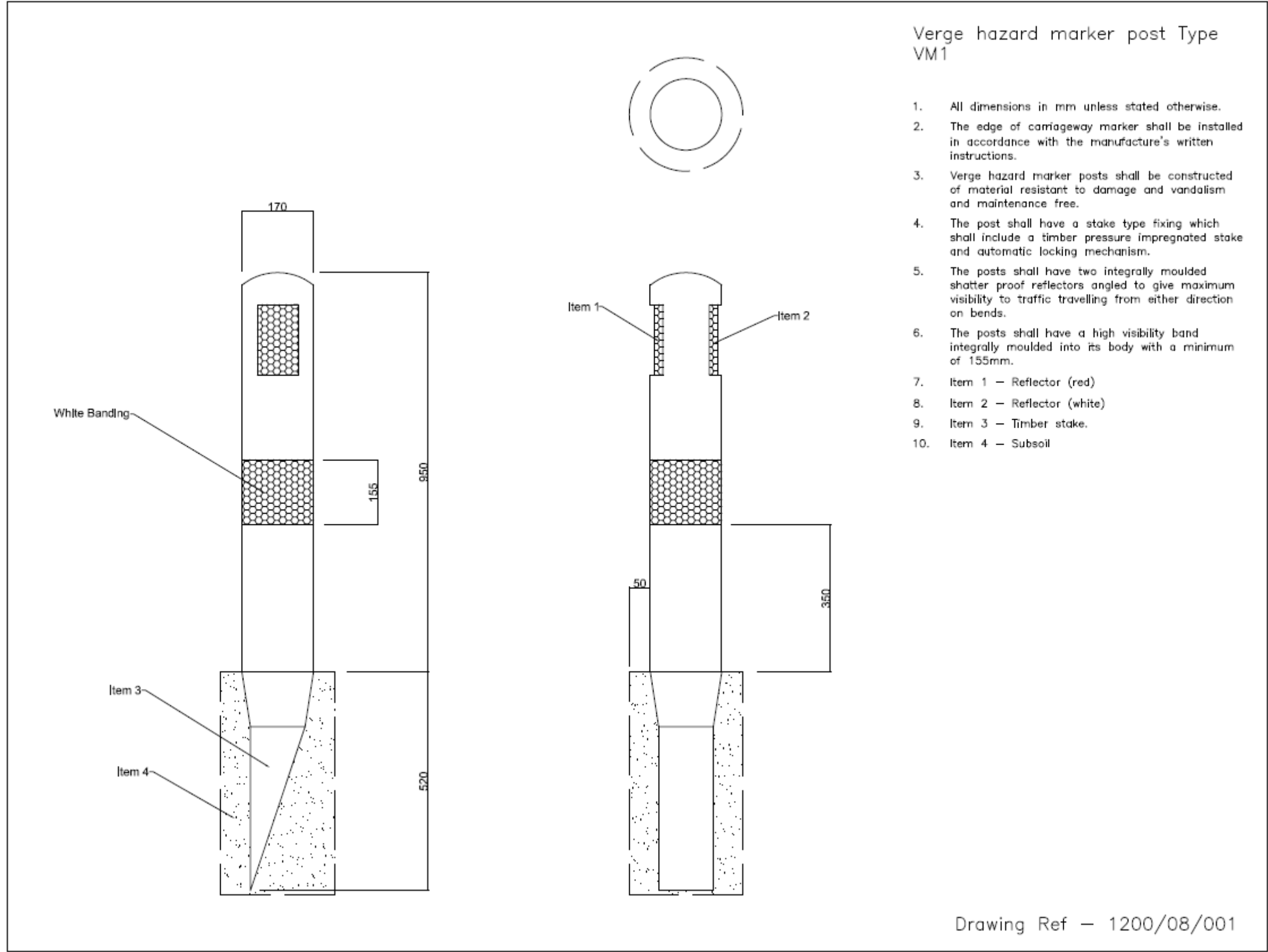
Drawing: 1100/05/085 & 088 – Recessed Gullies GS1 and GS2 with Kerb Surround



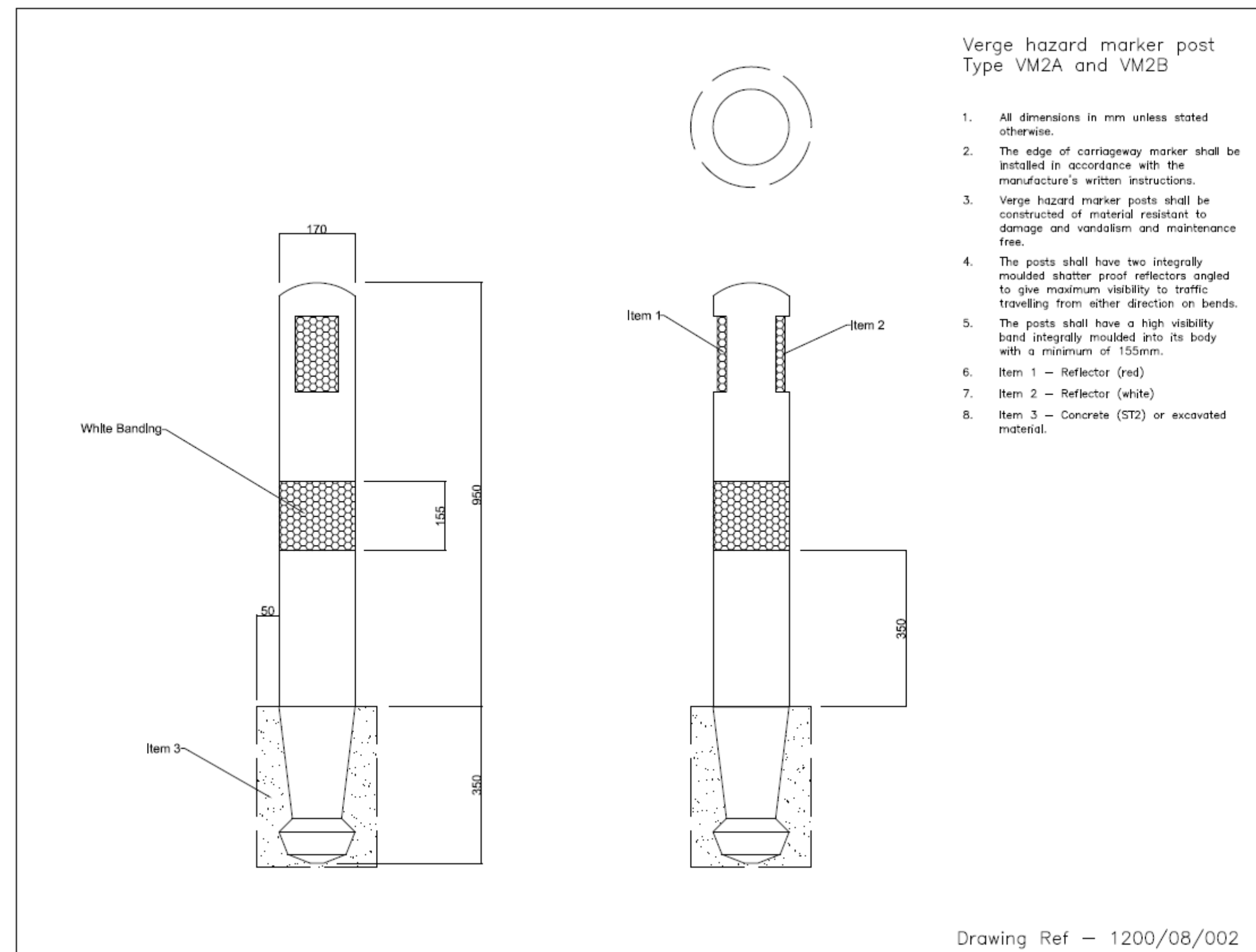
Drawing: 1200/07/001 – Precast Concrete Bollard Type B1



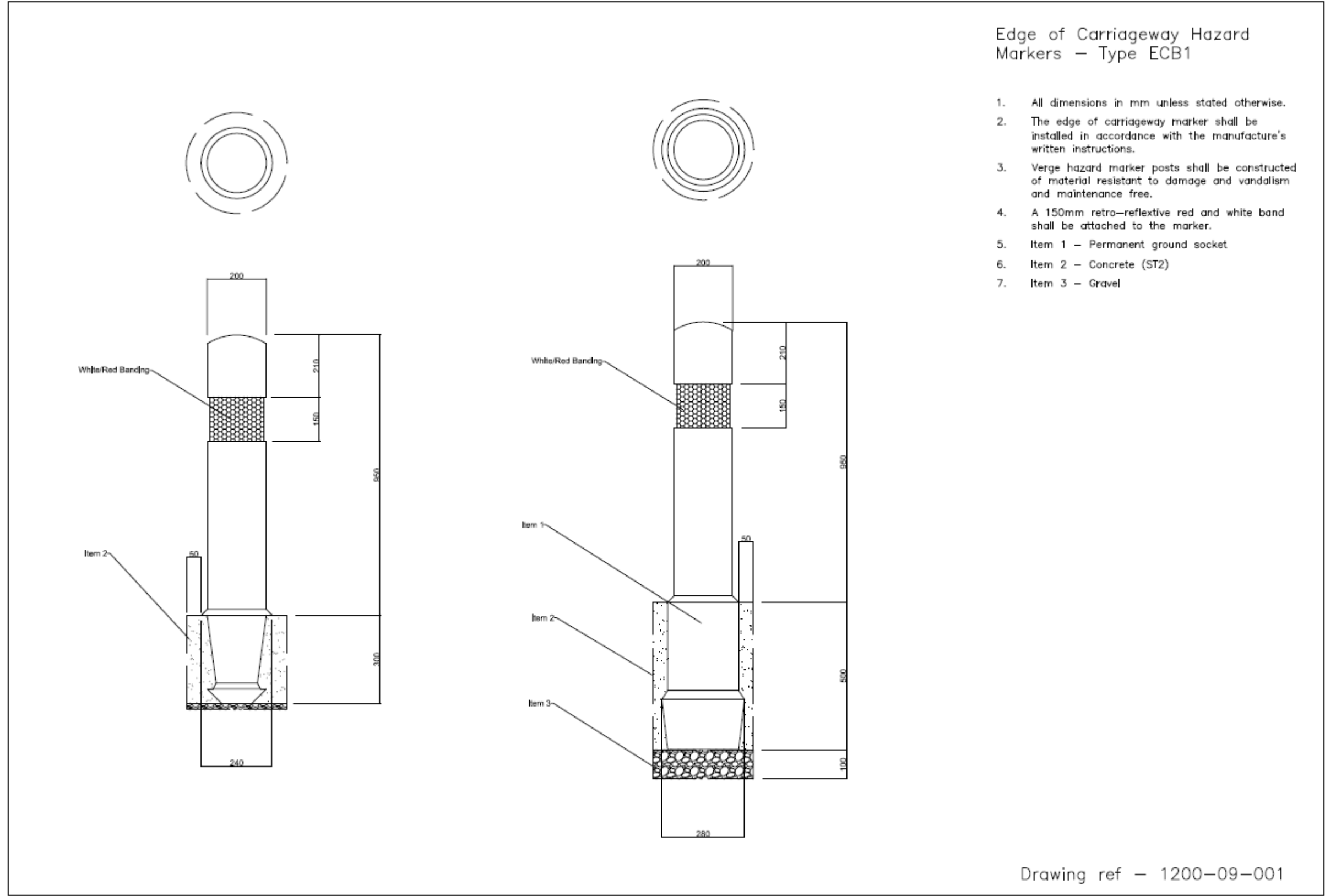
Drawing: 1200/08/001



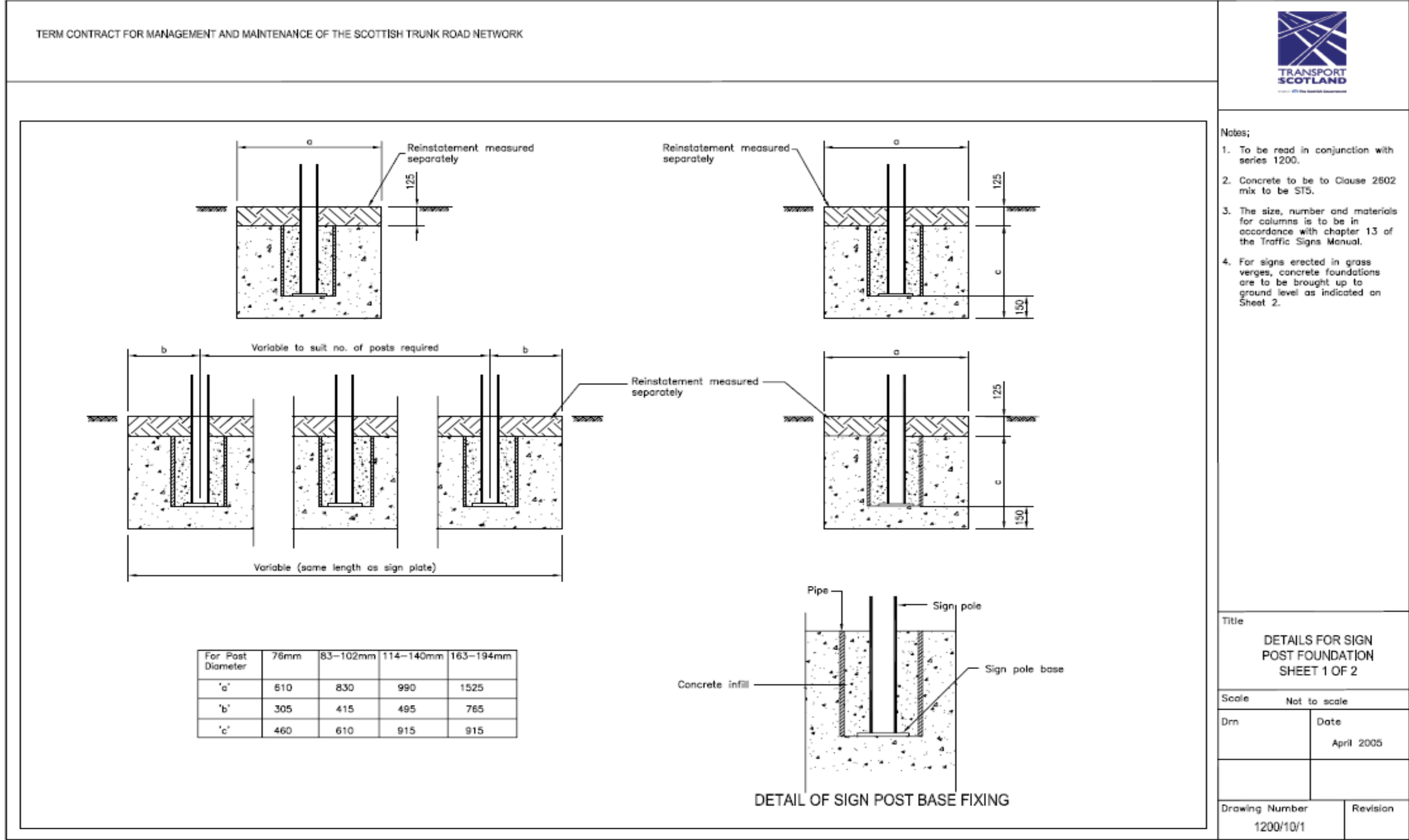
Drawing: 1200/08/002



Drawing: 1200/09/001



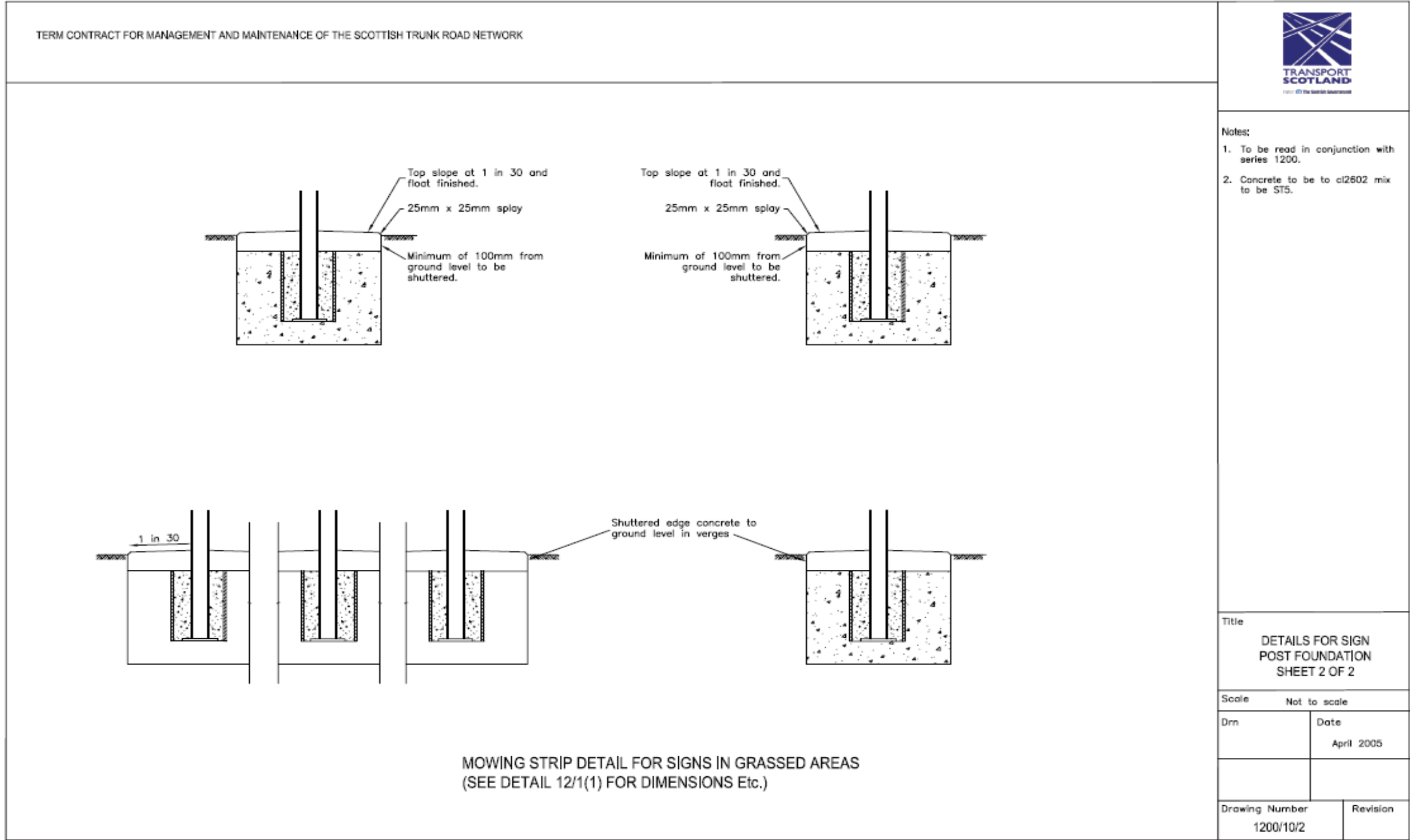
Drawing: 1200/10/1 – Details for Sign Post Foundation Sheet 1 of 2



- Notes;
1. To be read in conjunction with series 1200.
  2. Concrete to be to Clause 2602 mix to be ST5.
  3. The size, number and materials for columns is to be in accordance with chapter 13 of the Traffic Signs Manual.
  4. For signs erected in grass verges, concrete foundations are to be brought up to ground level as indicated on Sheet 2.

Title	
DETAILS FOR SIGN POST FOUNDATION SHEET 1 OF 2	
Scale Not to scale	
Drn	Date
	April 2005
Drawing Number	
1200/10/1	
Revision	

Drawing: 1200/10/2 – Details for Sign Post Foundation Sheet 2 of 2



Drawing: MCX 0138 (Modified) – Typical Access Steps

