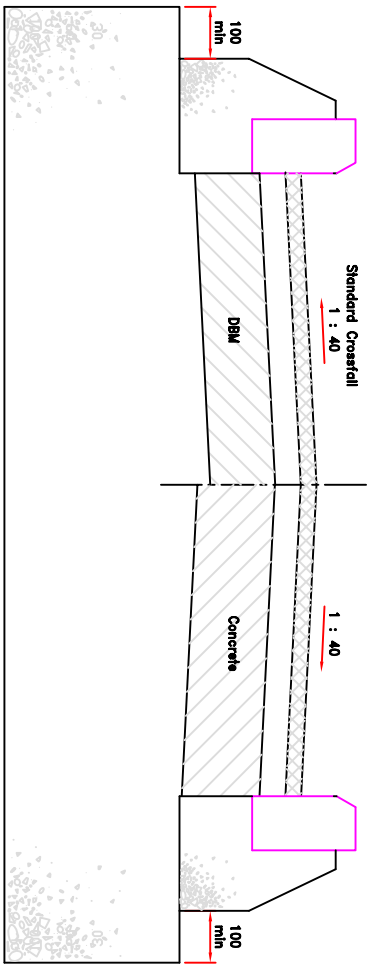


**Drawing Number**  
SD/700/07

- Notes**
1. These construction thicknesses may only be used where flows less than 1msd are anticipated.
  2. Construction must be to the approval of the Engineer.



Construction to be to the approval of the Engineer

- TYPE 1**
- A 30mm Dense bitumen macadam surface course (6mm nominal size aggregate)
  - B 70mm Dense bitumen macadam binder course (20mm nominal size aggregate)
  - C 100mm Dense bitumen macadam base (40mm nominal size aggregate)
  - D 150mm Granular sub-base material Type 1
  - E 100mm Capping material or Type 1 material
- TYPE 2**
- A 40mm Close graded bitumen macadam surface course (10mm nominal size aggregate)
  - B 60mm Dense bitumen macadam binder course (20mm nominal size aggregate)
  - C 130mm Dense bitumen macadam base (40mm nominal size aggregate)
  - D 150mm Granular sub-base material Type 1
  - E 70mm Capping material or Type 1 material
- TYPE 3**
- A 40mm Rolled asphalt surface course with 20mm pre-coated chippings
  - B 60mm Dense bitumen macadam binder course (20mm nominal size aggregate)
  - C 130mm Dense bitumen macadam base (40mm nominal size aggregate)
  - D 220mm Granular sub-base material Type 1
  - E 70mm Capping material or Type 1 material

**Do not scale this drawing**

Rev	Date	Notes revised and updated	Checked
A	07/06	Notes revised and updated	RB

**Drawing No.**  
SD/700/07

Revision	Date	Approved
A		

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Drawn RWJY	Checked RB	Approved JR

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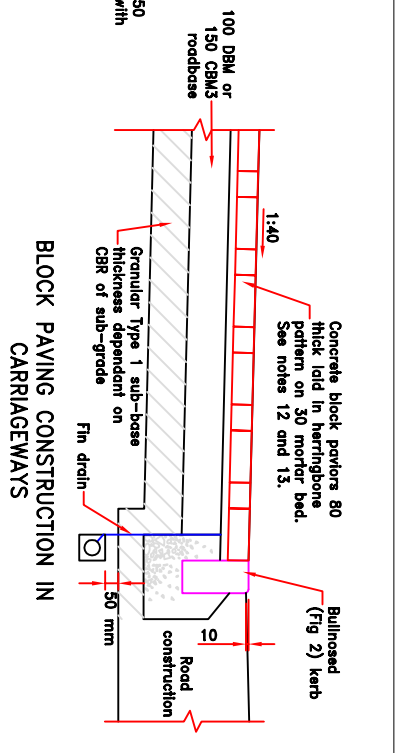
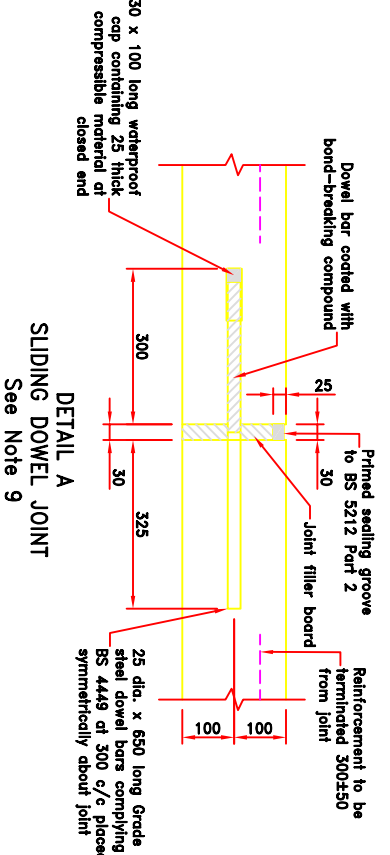
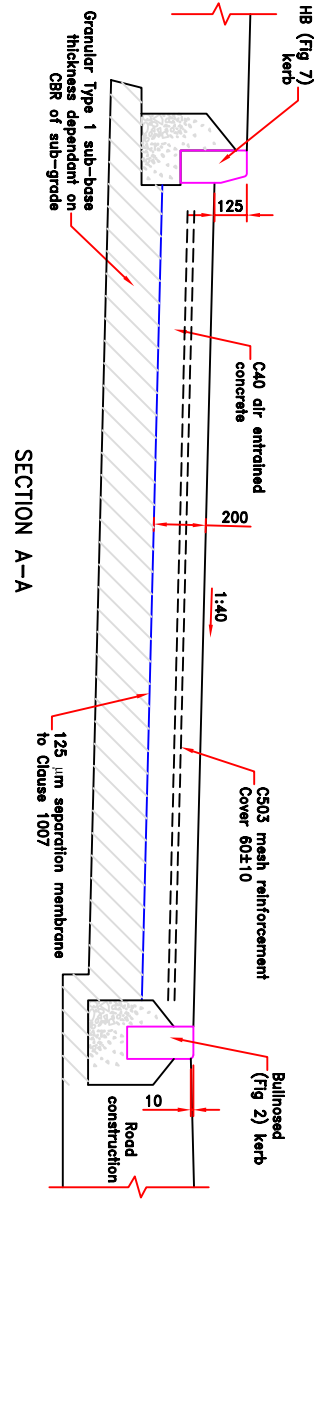
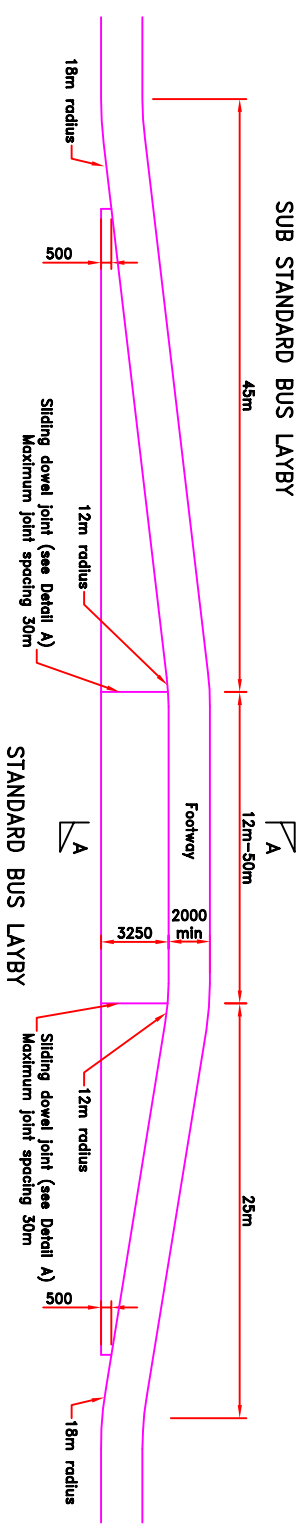
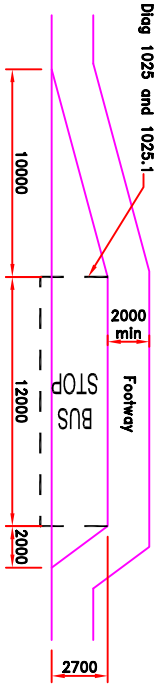
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Maidenhead, Berks,  
SL6 1RF

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http://www.idwm.gov.uk



**Project**  
STANDARD DRAWINGS

**Title**  
PAVEMENT CONSTRUCTION THICKNESS  
Access roads, major and intermediate roads  
(less than 3.5msa)



Drawing Number  
**SD/700/08**

- Notes
- All dimensions are in millimetres unless otherwise stated.
  - Layby sizes may vary with purpose.
  - Bus kerbs, see SD/1100/1 should be used of new bus laybys.
  - Concrete to BS 8500-1
  - Surface treatment of concrete layby to be brush finished.
  - Exposed surfaces of concrete pavement to be cured immediately after surface treatment.
  - Steel fabric reinforcement to Clause 1008 and BS 4483. Main bars to be placed laterally on top.
  - Dowel bars to be placed at 300 centres. No bars shall be placed within 150 of slab edges.
  - Maximum spacing of sliding dowel joints to be 20m.
  - Hot-applied joint sealant shall comply with D3569.
  - The sealant shall be applied in accordance with the manufacturers recommendations.
  - 80 thick concrete block paving may be used as an alternative to reinforced concrete, see detail 240 x 180, 240 or 320mm size blocks preferred.
  - Block paving shall comply with BS 6717 Parts 1 and 3 and BS EN 1344.
  - Formation drainage to be installed where necessary. Fin drains to be in accordance with Highway Construction Details F18 and F19.
  - For kerb details see SD/1100/1.
  - For footway details see SD/1100/3.
  - Shelters must be sited to cause minimum restriction to the footway.

Do not scale this drawing

Rev	Date	Notes revised and updated	Checked
A	07/06	Notes revised and updated	RB

Drawing No.  
**SD/700/08**

Revision	Date	Checked
A	JUL 06	JR

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The Royal Borough of  
**Windsor & Maidenhead**

Project  
STANDARD DRAWINGS

Title  
LAYBY  
CONCRETE AND BLOCK PAVING CONSTRUCTION

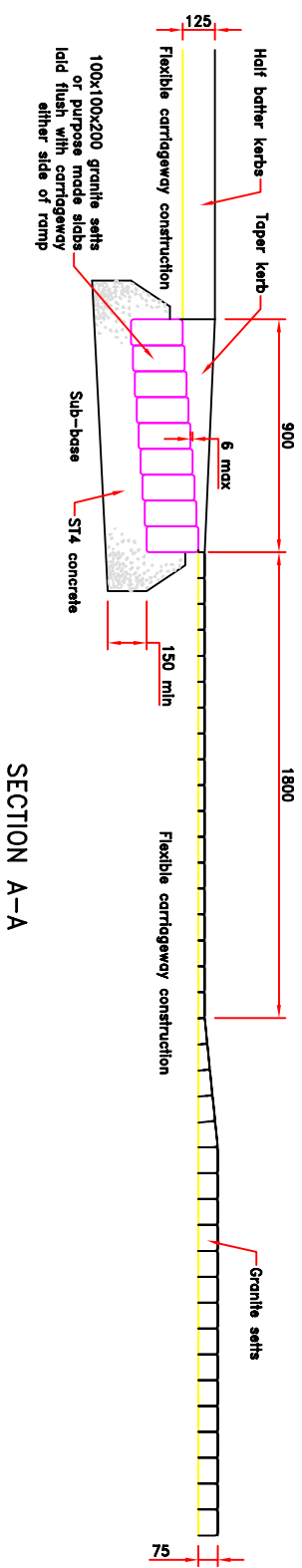
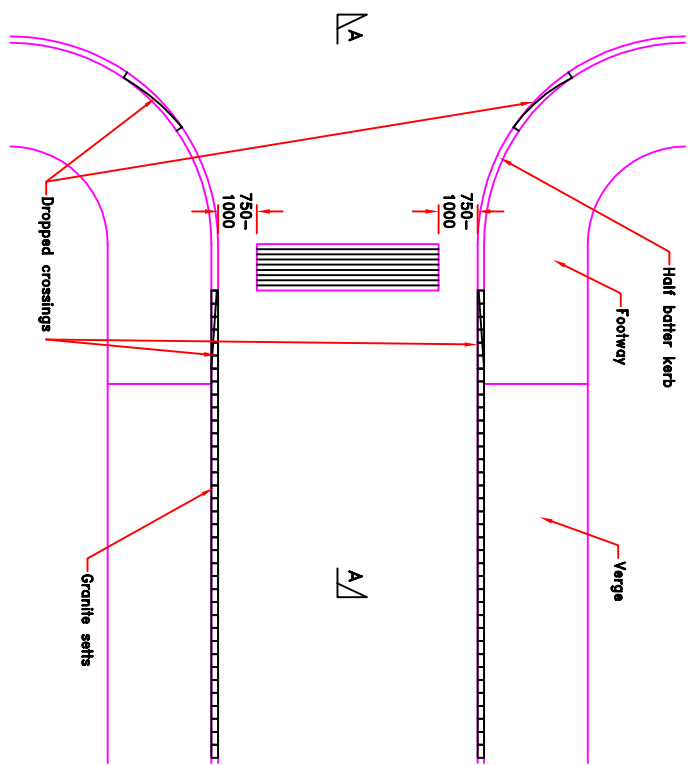
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Drawn	RWJY	Checked	RB	Approved	JR

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Drawing Number  
**SD/700/09**

- Notes
- All dimensions are in millimetres
  - Carriageway construction see drawings SD/900/1 and SD/900/2.
  - Kerb details see drawing SD/1100/1.
  - Setts shall be pointed with mortar to designation (ii) to SHW series 2400.
  - Gateway setts to be laid level where there is no change in kerb height.
  - The gateway rumble strip must terminate 750 min. from kerb on either side for the benefit of cyclists.



SECTION A-A

PLAN

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Project	STANDARD DRAWINGS
Title	GATEWAY TO SHARED ACCESS

Do not scale this drawing			
Rev	Date	Notes revised and updated	Checked
A	07/06		RB
Drawing No.		Revision	Checked
SD/700/09		A	
Scale NOT TO SCALE		Date	Approved
Drawn	Checked	Date	Approved
RWJY	RB	JUL 06	JR

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Drawing Number  
**SD/700/10**

- Notes
1. All dimensions are in millimetres
  2. Refer to Appendix 7/2: Excavation and Reinstatement of Existing Surfaces, for details.
  3. Where trench reinstatement is in a carriageway area which will be finally reconstructed, temporary reinstatement can be used for temporary reinstatement as approved by the Engineer.

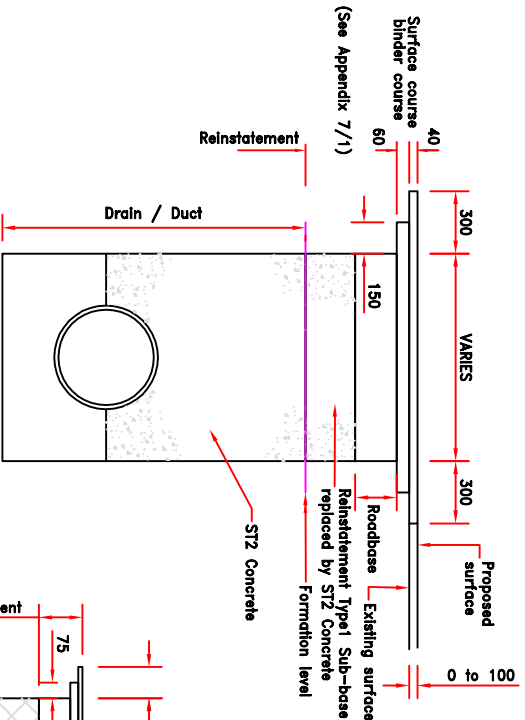
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Rev	Date	Notes revised and updated	Checked
A	07/06		RB

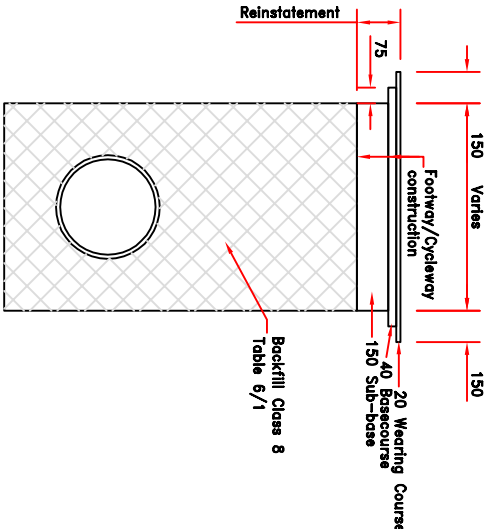
Drawing No.	Revision
<b>SD/700/10</b>	A

Scale	NOT TO SCALE	Date	JUL 06
Drawn	RW/JY	Checked	RB
Approved	JR		

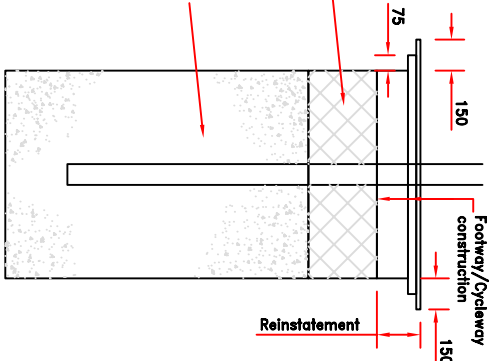
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**TYPE 1**  
For use where ducts and drains are laid in existing carriageway. Proposed carriageway level between 0 to 100mm above existing carriageway level.



**TYPE 2**  
For use where drains are laid in existing paved footways. (For ducts see SD/500/3)

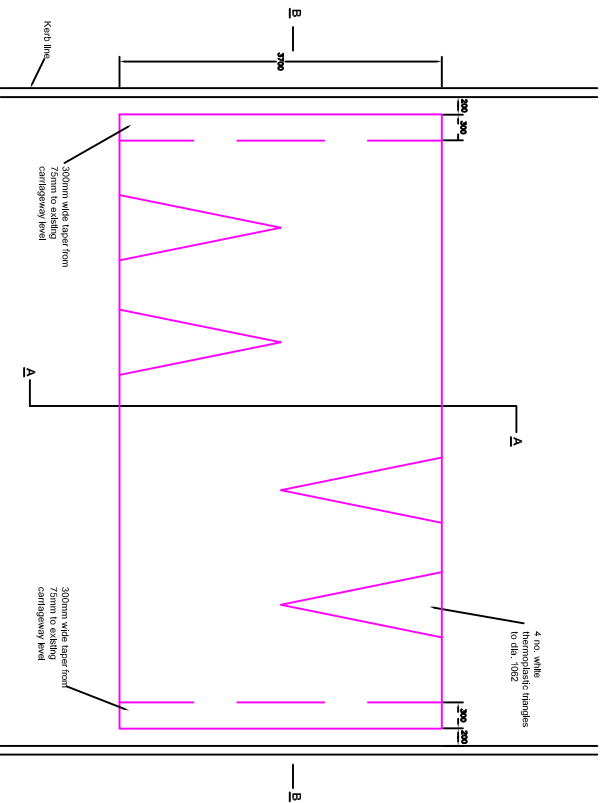


**TYPE 3**  
For use where traffic signs are erected in existing paved footways.

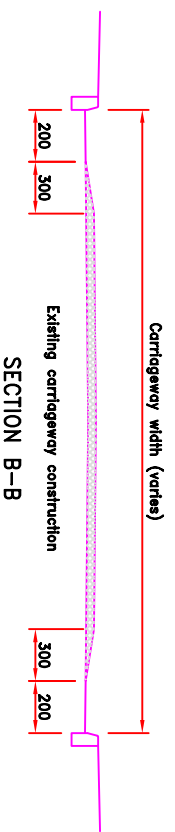
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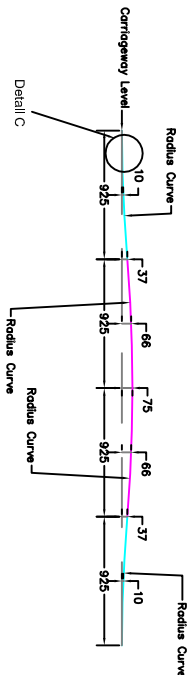
Project  
STANDARD DRAWINGS  
Title  
REINSTATEMENT OF EXISTING PAVEMENTS TYPE 1, 2, & 3



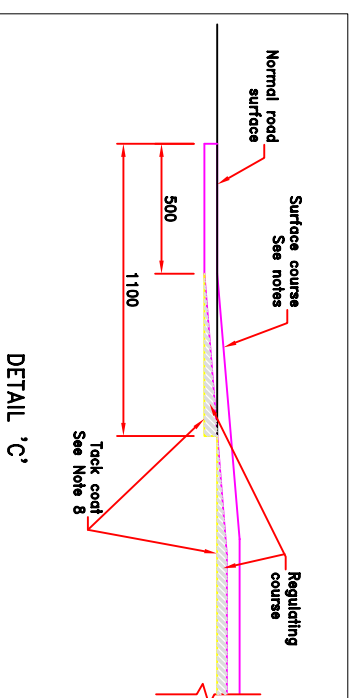
**Plan View**



**SECTION B-B**



**Section A-A**



**DETAIL 'C'**

Drawing Number  
**SD/700/11**

- Notes**
- All dimensions are in millimetres
  - Position of humps to comply with the Highways (Road Humps) Regulations 1999.
  - Position of humps and gullies to be approved by the Engineer prior to construction.
  - Length of hump to be determined by the overall road layout.
  - For kerb and footway details see SD/1100/1 and 2.
  - Continuous edge of carriageway lines 100 wide are required on both sides of the carriageway and must extend for 6000 either side of hump.
  - Centre line markings to Diag. 1004, 9000 module, 100 wide, are required, 6000 mark to be centred over hump.
  - Tack coat K1-40 or K1-60 to BS 434-1 to be used over whole area of hump prior to surfacing.
  - Hump material to be 10mm DBM minimum thickness 35mm.
  - Vertical tolerances to be + / - 10mm

Do not scale this drawing

Rev	Date	Notes revised and updated	Checked
A	07/06	Notes revised and updated	RB

Drawing No.		Revision	
<b>SD/700/11</b>		A	
Scale NOT TO SCALE	Checked RB	Date	JUL 06
Drawn JSW	Checked RB	Approved	JR

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Client  
The Royal Borough  
of Windsor &  
Maldenhead

Project  
STANDARD DRAWINGS  
SINUSOIDAL ROAD HUMPS

Title