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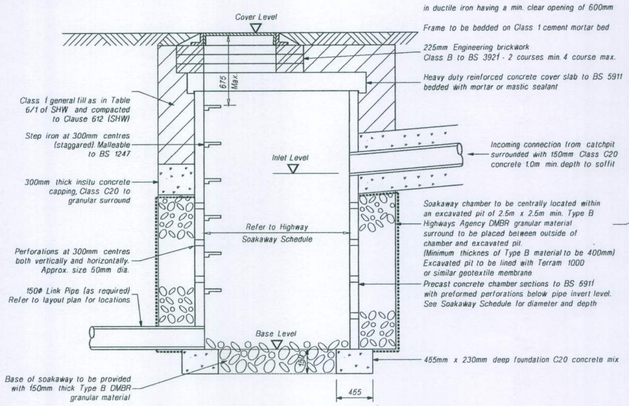
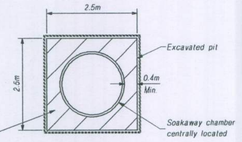
PLOT DATE May. 12, 2011
PLOT TIME 16:21:20



ADOPTABLE HIGHWAY SOAKAWAY DETAIL (SA)

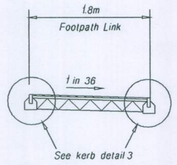
Scale N.T.S.



SOAKAWAY PLAN VIEW

Scale NTS

IMPORTANT NOTE
It is essential that the design Base Level to soakaways is located within the anticipated permeable strata.
Upon completion of the pit excavation, the Contractor must ensure that this has been achieved.
Should a permeable strata NOT be encountered, construction must cease and TRIBRACH ASSOCIATES advised in order that a review of the design may be undertaken.



FOOTPATH LINK CONSTRUCTION

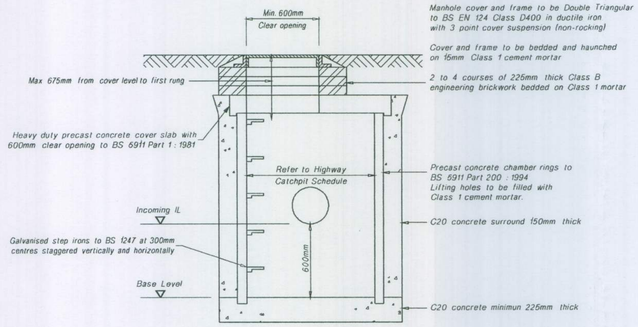
20mm thick Close Graded Macadam surfacing (6mm nominal size) to BS EN 13108-1

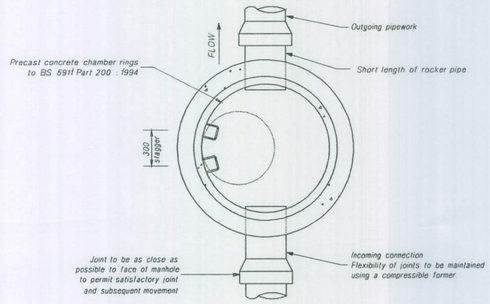
50mm thick Dense Bitumen Macadam binder course (20mm nominal size) to BS EN 13108-1

100mm thick D.Tp. Type 1 granular sub base

FOOTPATH LINK CONSTRUCTION DETAIL

Scale - N.T.S.

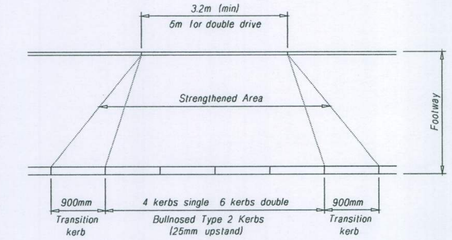




ADOPTABLE HIGHWAY CATCHPIT DETAIL (CP)

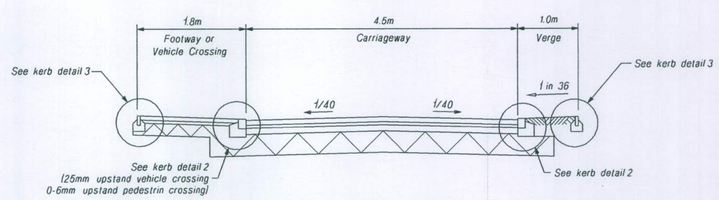
Scale N.T.S.

Notes:
1 All adoptable highway works are to be in accordance with West Sussex County Council's document's 'Specification for the Construction of Estate Roads', 'Notes for Guidance' and 'Standard Detail Drawings'.



VEHICLE CROSSING ARRANGEMENT DETAIL

Scale - N.T.S.



VEHICLE CROSSING CONSTRUCTION

65mm thick MARSHALLS KEYBLOK block paving laid in a stretcher course

Block paving to comply with BS 6717 Part 3 1967. Colour of block paving to be BRINDLE

50mm thick laying course of compacted sand

200mm thick D.Tp Type 1 granular sub base

VERGE CONSTRUCTION

Verges to be seeded or turfed and to be provided with Premium quality topsoil to BS 3882 : 1994 to a minimum depth, after settlement, of 100mm over a further depth of 150mm of sub soil.

CARRIAGEWAY CONSTRUCTION

80mm thick MARSHALLS KEYBLOK block paving laid in a 45° herringbone pattern. Provide 2 stretcher courses adjacent to kerbs and a single stretcher around ironwork

Block paving to comply with BS 6717 Part 3 1967. Colour of block paving to be BRINDLE

50mm thick laying course of compacted sand

100mm thick Dense Bitumen Macadam road base (40mm nominal size) to BS EN 13108-1

125mm thick D.Tp Type 1 granular sub base

350mm thick capping layer Type 2 or Type 3 sub base or stabilised material complying with Clauses 613-615 (Class 6F1) of the D.Tp Specification for Highway Works.

Actual material used shall also be subject to the approval of the Highway Engineer.

GENERAL CONSTRUCTION NOTES

Refer to Access Road Construction Detail - Road1

BLOCK PAVING NOTES

Dry silver sand is to be brushed and vibrated into joints upon completion of block laying.

Block paving joint width not to exceed 3mm

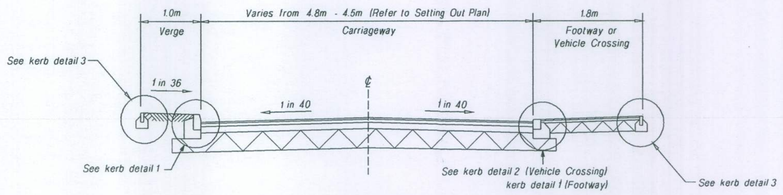
Manhole covers shall be orientated so that the frame is parallel or at 90° to the pattern.

A single stretcher course of blocks to be laid around all manholes and gullies.

Refer to manufacturers instructions for details of laying, kerbs to radii of less than 6m and for all general paving recomendations and techniques.

ACCESS ROAD CONSTRUCTION DETAIL - ROADS 1 (Part) & 2 (Block Paving)

Scale - N.T.S.



FOOTWAY CONSTRUCTION

20mm thick Dense Bitumen Macadam surfacing (6mm nominal size) to BS EN 13108-1

50mm thick Dense Bitumen Macadam binder course (20mm nominal size) to BS EN 13108-1

100mm thick D.Tp. Type 1 granular sub base material

VEHICLE CROSSING CONSTRUCTION

20mm thick Dense Bitumen Macadam surfacing (6mm nominal size) to BS EN 13108-1

50mm thick Dense Bitumen Macadam binder course (20mm nominal size) to BS EN 13108-1

200mm thick D.Tp Type 1 granular material sub base

CARRIAGEWAY CONSTRUCTION

30mm thick Dense Bitumen Macadam surfacing (10mm nominal size) to BS EN 13108-1

50mm thick Dense Bitumen Macadam binder course (20mm nominal size) to BS EN 13108-1

100mm thick Dense Bitumen Macadam road base (40mm nominal size) to BS EN 13108-1

125mm thick D.Tp Type 1 granular sub base

350mm thick capping layer Type 2 or Type 3 sub base or stabilised material complying with Clauses 613-615 (Class 6F1) of the D.Tp Specification for Highway Works.

Actual material used shall also be subject to the approval of the Highway Engineer.

VERGE CONSTRUCTION

Verges to be seeded or turfed and to be provided with Premium quality topsoil to BS 3882 : 1994 to a minimum depth, after settlement, of 100mm over a further depth of 150mm of sub soil.

GENERAL CONSTRUCTION NOTES

Carriageway construction design is based on an anticipated CBR value of 2%.

Insitu CBR tests are to be carried out at approximately 30m intervals along the road centre line at approximate formation level prior to commencement of the works.

Test results are to be copied to the Highway Authority Engineer and actual CBR values agreed. Depth of capping layer to be adjusted in accordance with adjacent table.

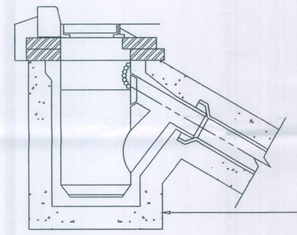
Absolute mimimun depth of carriageway construction to be 450mm.

CBR Value	Capping depth
<2%	600mm
2-5%	350mm
>5%	100mm

Table of Capping Thickness

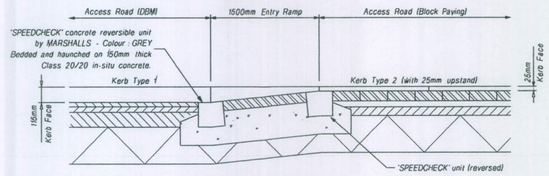
ACCESS ROAD CONSTRUCTION DETAIL - ROAD 1 (Part) - DBM

Scale - N.T.S.



TYPICAL GULLY DETAIL

Scale N.T.S.



ENTRY RAMP CONSTRUCTION

80mm thick MARSHALLS KEYBLOK block paving laid in a 90° herringbone pattern.

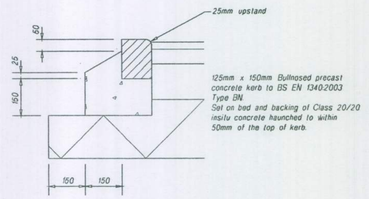
Block paving to comply with BS 6717 Part 3 1967. Colour of block paving to be BRINDLE

150mm thick Class 20/20 concrete

350mm thick D.Tp Type 1 granular sub base

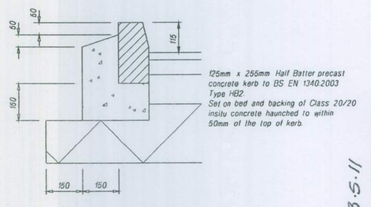
ENTRY RAMP CONSTRUCTION DETAIL

Scale - N.T.S.



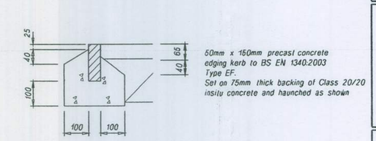
KERB DETAIL - TYPE 2

Scale N.T.S.



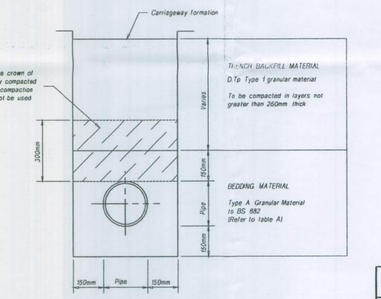
KERB DETAIL - TYPE 1

Scale N.T.S.



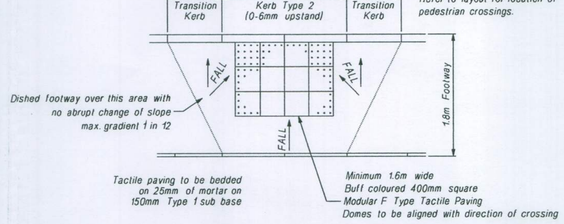
KERB DETAIL - TYPE 3

Scale N.T.S.



HIGHWAY DRAIN TRENCH DETAIL

SCALE N.T.S.



NOTE
Refer to layout for location of pedestrian crossings.

PEDESTRIAN CROSSING ARRANGEMENT DETAIL

Scale - N.T.S

SCHEDULE OF ROAD CATEGORIES		
ROAD	CATEGORY	WIDTH
1	Access Road	4.5m-4.8m
2	Access Road	4.5m

Rev. No.	Revision	Date	Drawn

TRIBRACH ASSOCIATES
consulting civil & structural engineers
14 Eversley Road, Bexhill on Sea, East Sussex, TN40 1EU
Tel: (01424) 216214 Fax: (01424) 734284

Client: ABBEY DEVELOPMENTS LTD.

Project: HEARNFIELD ROAD, WICK LITTLEHAMPTON, WEST SUSSEX

Drawing: TYPICAL ROAD CONSTRUCTION DETAILS

Scales
Horizontals: As Shown at A1
Vertical:

Date: May 2011

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Rev.

DRAWING No: 210389/13

13.5.11

ARUN DISTRICT COUNCIL LU/156/11/DOC