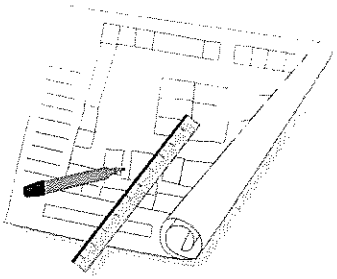
DATE: 13 December 2011

SCANNING INFORMATION SHEET

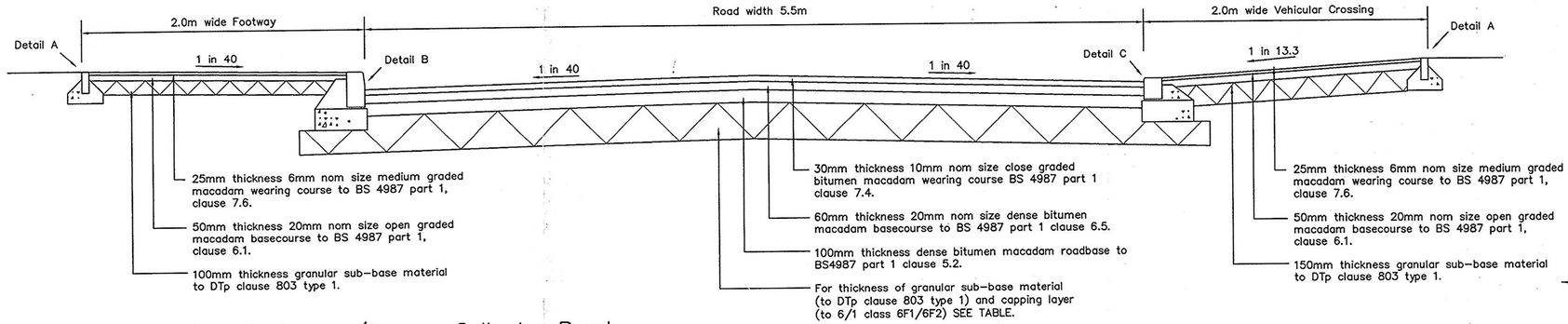
PLANS



Application Number: F/2001/5188

Applicants Name: David Wilson & Bellway Homes South East

Site Address: Land At Church Farm & Cattle Breeding Centre, Church Lane, Shinfield, Reading.



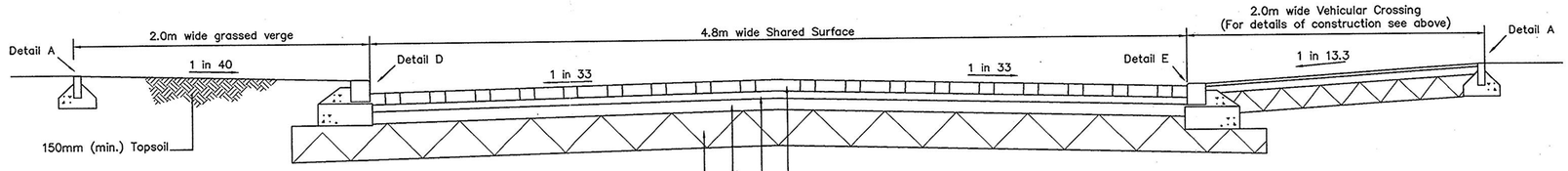
Typical Section through Access/Access Collector Road

not to scale

Thickness of Sub-base and Layer Thickness

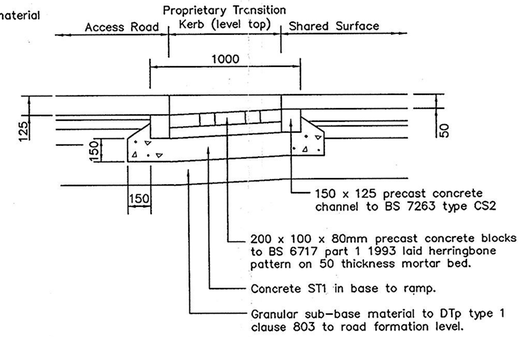
Subgrade CBR	Sub-base	Capping Layer
15% to 30%	150mm	None
5% to 15%	225mm	None
2% to 5%	150mm	350mm
Less than 2%	150mm	600mm

The contractor is to provide CBR test results at 20m centres to the Local Authorities Engineer prior to placing of the sub-base material.



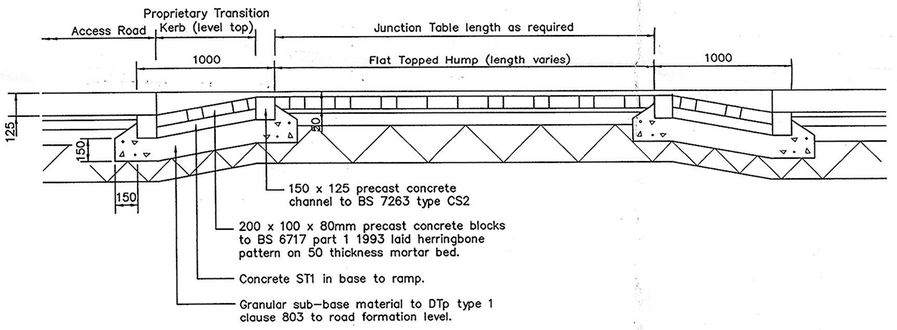
Typical Section through Shared Surface Construction

not to scale



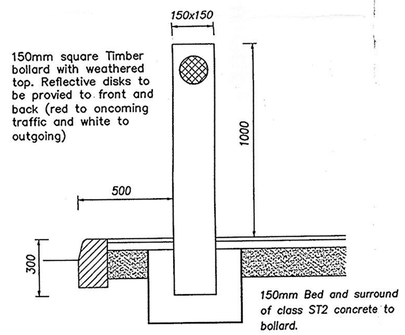
Detail of Ramp to Shared Surface

not to scale



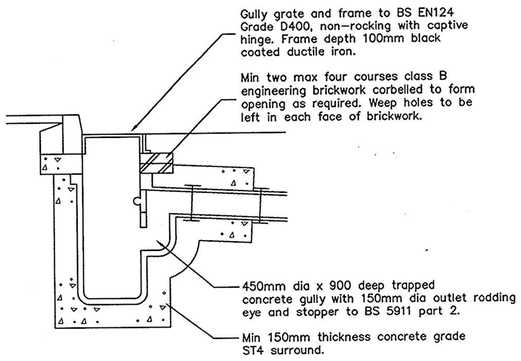
Detail of Ramp to Junction Table/Flat Topped Hump

not to scale



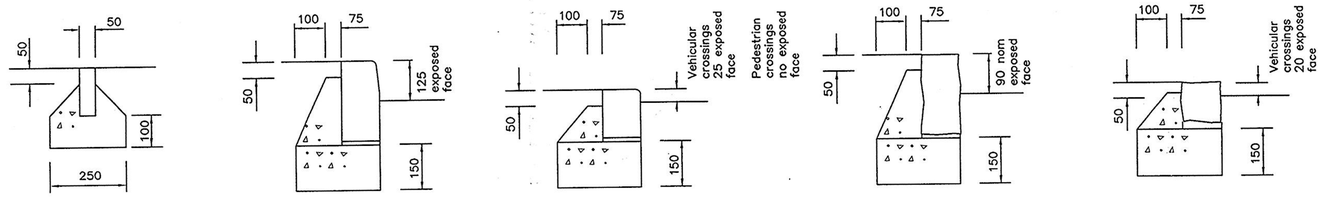
Bollard Detail

not to scale



Typical Road Gully

not to scale



Detail A

50 x 150mm edging to BS7263 Type EF with concrete mix ST1 bed and haunch

Detail B

125 x 255 half batter kerb to BS 7263 type HB2 on 40mm mortar bed with concrete mix ST1 base and haunch.

Detail C

125 x 150 bullnosed kerb to BS 7263 type BN on 40mm mortar bed with concrete mix ST1 base and haunch.

Detail D

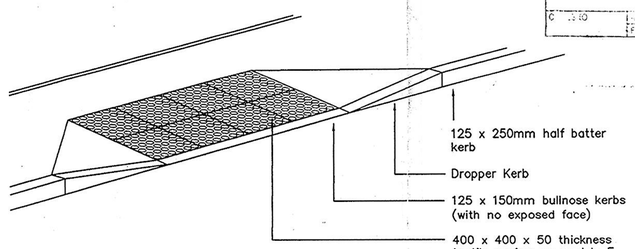
145 x 255 Granite Sett kerb on 40mm mortar bed with concrete mix ST1 base and haunch.

Detail E

145 x 145 Granite Sett kerb on 40mm mortar bed with concrete mix ST1 base and haunch.

Kerb Details

not to scale



Detail of Pedestrian Crossing

Scale 1:20

GENERAL NOTES

1. This drawing is to be read in conjunction with relevant architectural and engineering drawings.

2. Levels indicated in blocks are structural floor levels and are 150mm above adjacent finished ground levels unless otherwise shown.

ADOPTABLE ROADS AND SEWERS

1. Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the requirements of the Adopting Authority.

2. Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Sewers for Adoption 4th Edition" and the requirements of the Adopting Authority.

3. All pipes to be used in adoptable sewerage shall be either clayware to BS EN 295 or concrete to BS 5911 with Class S bedding unless otherwise stated. With approval of the Adopting Authority solid wall concentric external rib reinforced uPVC pipes complying with the relevant provisions of W/S No. 4-31-05 may be used.

4.The minimum requirement for pipes to be used in adoptable sewerage is to be as follows.

150mm dia – Class 187 (min crushing strength 28kN/m)
225mm dia – Class 120 (min crushing strength 28kN/m)
300mm dia – Class 120 (min crushing strength 36kN/m)
Larger than 300mm dia – Class H concrete.

5. Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTp Type 1 material.

6. Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be surrounded with 150mm thickness Grade ST2 concrete, flexibility of joints being maintained by using compressible bituman impregnated fibreboard at each pipe joint.

7. All existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed drainage work. Any difference between actual and drawn details is to be reported to the Engineer immediately.

8. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

Rev	Date	Description of Revisions	By	Chkd	Appd
A	07.02.02	Bollard style amended / Kerbing to shared surface changed to granite setts / Details D and E added / Entry ramps amended / Access road carriageway construction depths amended / S38 status revised.	JC	.	.

DRAWING STATUS

S.38 TECHNICAL APPROVAL	YES
S.104 TECHNICAL APPROVAL	N/A

DAVID WILSON HOMES
Designed for living

PLANNING SERVICES
02 MAY 2002

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Engineering Design and Development Consultants
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Tel : 01793 - 554900 Fax : 01793 - 554905

Drawn:	Checked:	Approved:
J.C.	N.J.	.
Date: 08/11/01	Date: 10/11/01	Date: .

Location:
CHURCH FARM
SHINFIELD

Description:
STANDARD HIGHWAY DETAILS

Project No:	Scale:
W014	As shown

e-Mail Address : NJA.Limited@btinternet.com

CAD File No. : C:\Program Files\AutoCAD LT 97\Drawings\W014\020.dwg

Drawing No: W014 / 020 Revision: A

DO NOT SCALE
½mm 10 20mm 30 40 50 60 70 80 90 100 110 120 130 140 150
ORIGINAL SIZE OF DRAWING A1

Size: A1

All changes to this CAD generated drawing MUST be made via the master CAD file.