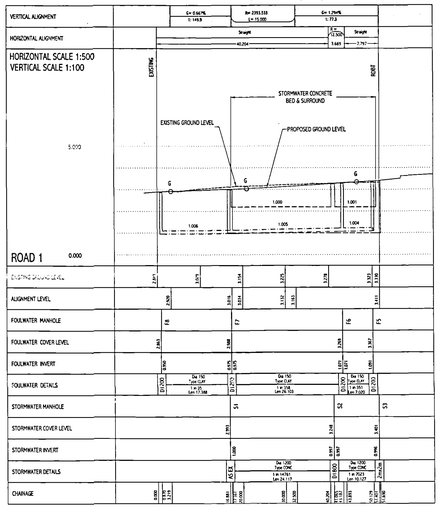

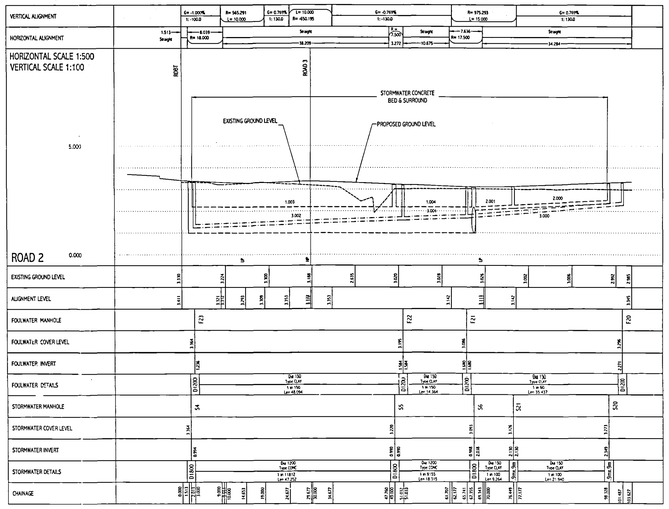

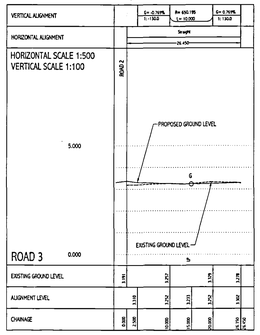

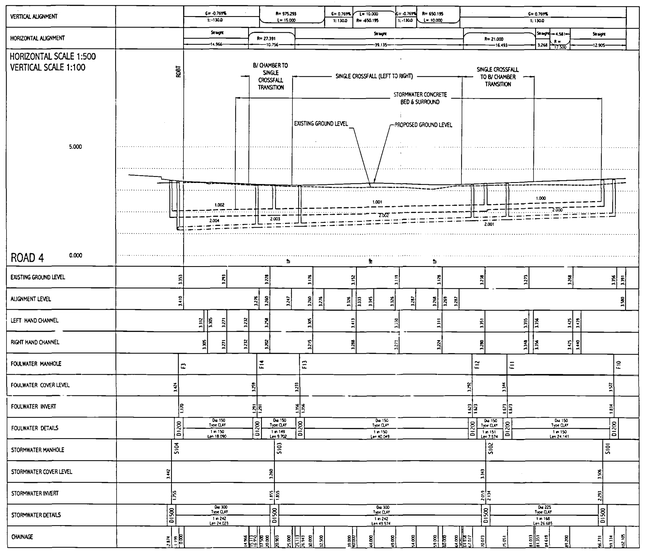

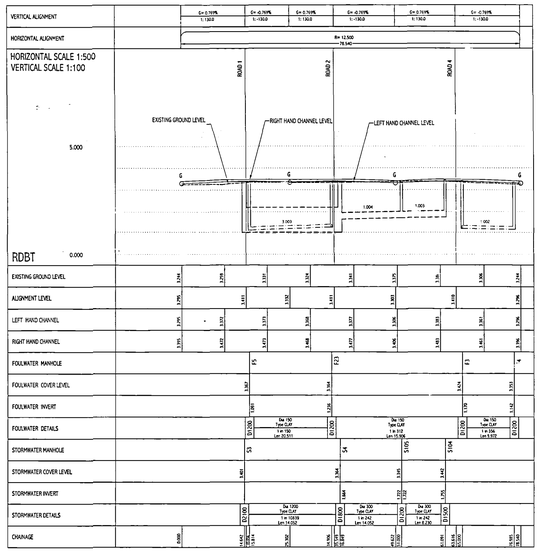

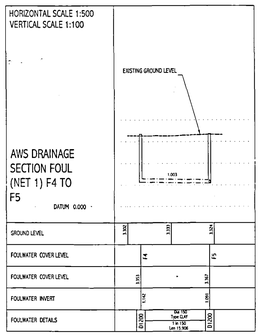

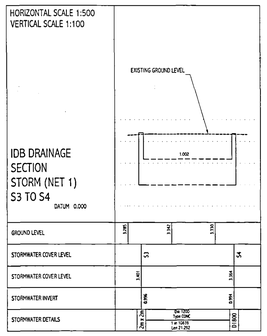

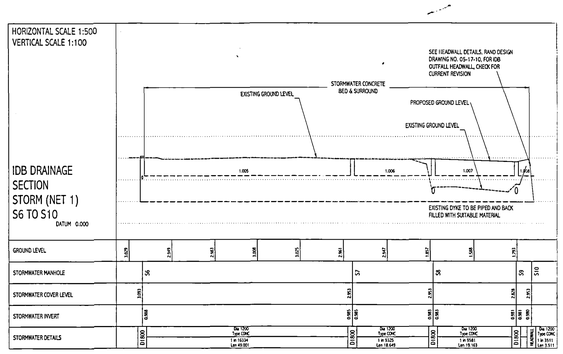

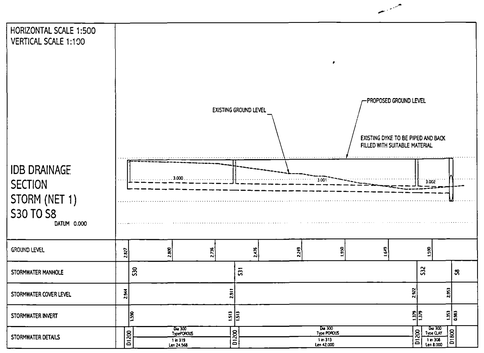

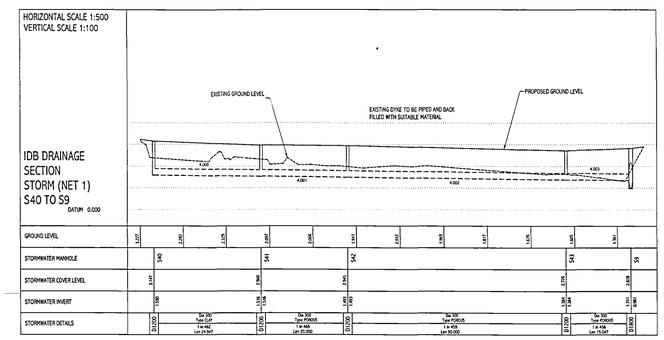

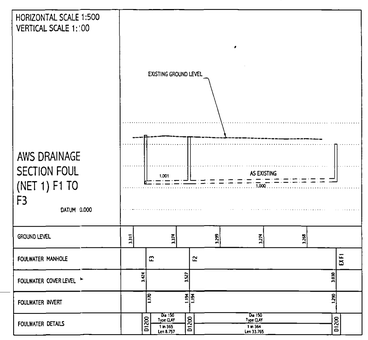

copyright © rand design

NOTES:

ALL SEWERS TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROCEDURES AND SPECIFICATIONS OF "SEWERS FOR ADOPTION" (5th Edition Jan 2001) AND ADDITIONS/ALTERATIONS TO SEWERS FOR ADOPTION 5TH EDITION NOVEMBER 2001.

STORM BRANCH CONNECTIONS AND GULLY CONNECTIONS TO BE 150mm Ø MD STEEPER THAN 1:40 MD FLATTER THAN 1:150.

FOUL BRANCH CONNECTIONS TO BE 150mm Ø LMD MD STEEPER THAN 1:40 MD FLATTER THAN 1:150.

ALL BRANCH CONNECTIONS AND GULLY CONNECTIONS LAID SOFFIT TO SOFFIT UNLESS OTHERWISE STATED.

ALL CLAY PIPES WITH COVER EXCEEDING 1.2m SHALL BE EXTRA STRENGTH AND HAVE GRAVEL BED AND SURROUND.

ALL CONCRETE PIPEWORK WITH COVER EXCEEDING 1.2m SHALL BE TO CLASS H AND HAVE GRAVEL BED AND SURROUND.

ALL CLAY PIPES WITH COVER LESS THAN 1.2m SHALL BE EXTRA STRENGTH AND HAVE CONCRETE BED AND SURROUND.

ALL CONCRETE PIPEWORK WITH COVER LESS THAN 1.2m SHALL BE TO CLASS H AND HAVE CONCRETE BED AND SURROUND.

ALL AWS ADOPTABLE CLAY PIPES WITH COVER LESS THAN 1.2m SHALL BE EXTRA STRENGTH AND HAVE CONCRETE SURROUND.

ALL AWS ADOPTABLE CONCRETE PIPEWORK WITH COVER LESS THAN 1.2m SHALL BE TO CLASS H AND HAVE CONCRETE SURROUND.

PRECAST CONCRETE PRODUCTS AND IN-SITU CONCRETE TO CONTAIN A MINIMUM CLASS 5 SULPHATE RESISTING CEMENT.

ALL MANHOLE COVERS TO BE 600 x 600mm CLEAR OPENING UNLESS STATED OTHERWISE IN ACCORDANCE WITH B.S. EN 124 CLASS D400 AND SHADDED FRAME TO BE IN ACCORDANCE WITH B.S. EN 124 CLASS D400 AND SHADDED FRAME TO BE IN ALL APPROPRIATE LOCATIONS.

IDB MANHOLES S1 TO S10 (EXCEPT S3), S30 TO S32 AND S40 TO S41 TO HAVE SUMPS OF 225mm.

PIPES BETWEEN S30 TO S32 AND S41 TO S9 TO BE 300mm DIA POROUS PIPEWORK

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. CHECK ON SITE AND ALL DISCREPANCIES TO BE REPORTED TO RAND DESIGN.

AMENDMENTS:

No.	DESCRIPTION:	DATE:	BY:
A	Notes added to IDB on residential, minor access added	19.04.05	GW
B	IDB sewer between S1 to S10 lowered 70mm, IDB chambers some details added, sewer S1 to S9 and S10 to S32 changed to previous alignments, S41 and S32 added components	03.05.05	GW
C	Road 1 and Road 2 alignments moved 1 & 0% added at AWS request junction has 1% to 0.5 applied removed), S1 TO S10 pipework to 150 DIA	07.06.05	GW
D	F2 position moved and sewer adjusted accordingly, F1 to F2 now as existing	17.06.05	GW
E	Road 3 amended to incorporate footpath around end	13.07.05	GW
F	Additional LCC manhole added in road 2 as per Dean Whitehead instruction, road 4 channel ends added.	30.08.05	GW

CLIENT:
Broadgate Homes Ltd

PROJECT:
Pennygate
Spalding
Lincolnshire

TITLE:
Road & Sewer Longsections

SCALE: As stated

DATE: 15 April 2005

DRAWING No: 05-17-02-F

DRAWN BY: GW

CHECKED BY:

randdesign
Rand Design
Rand, Lincolnshire, LN8 5NJ
Tel: 01673 859270 Fax: 01673 859201
enquiries@randdesign.co.uk
www.randdesign.co.uk
Rand Design is a division of Rand Group Ltd

RECEIVED
26 JUL 2005
1256/06
DETERMINED
PLAN