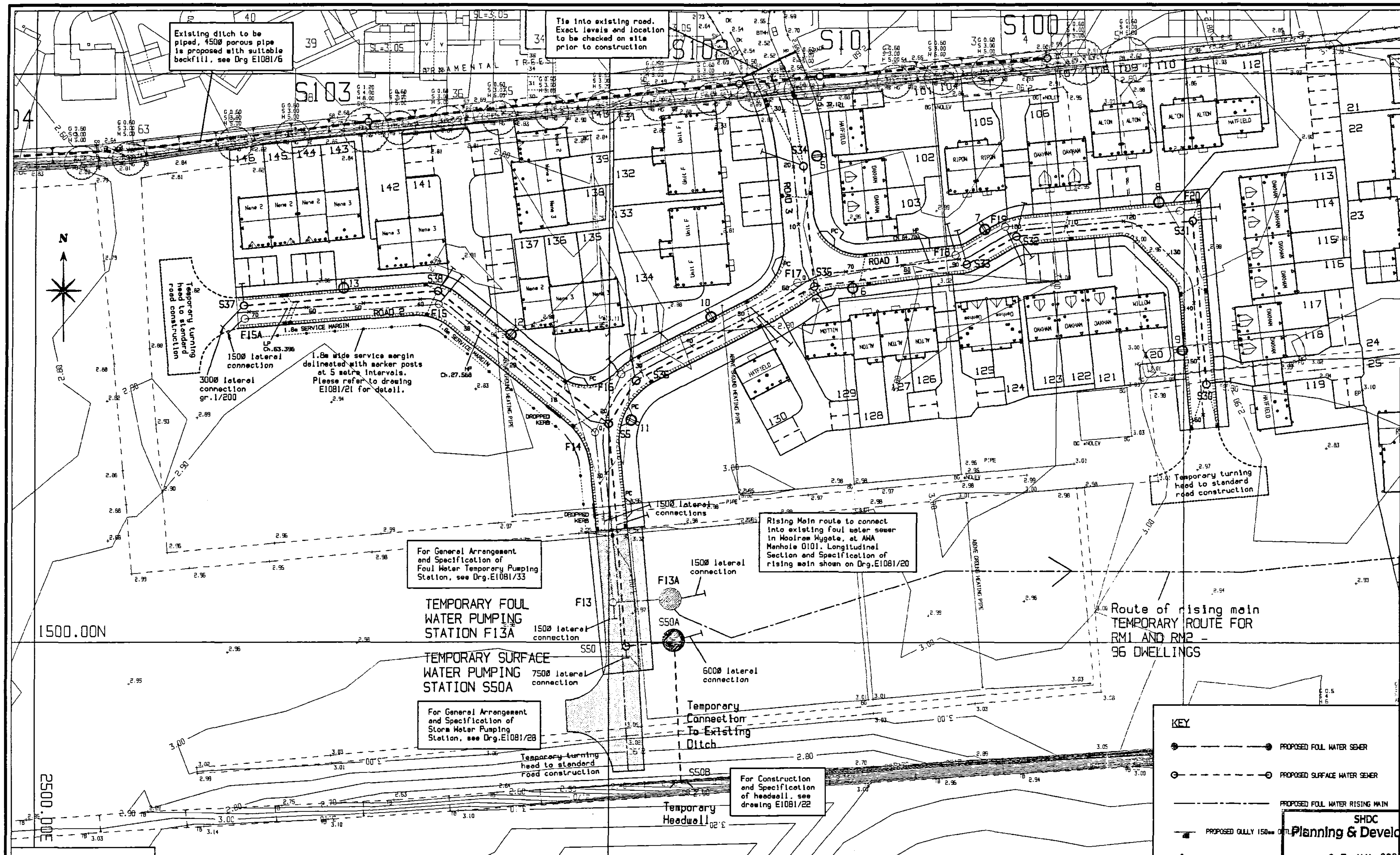

CONTROL POINTS

KM	2836.340	1973.073	2.950	NAIL
W2	2746.951	1944.929	3.118	NAIL
W50	2830.279	2196.291	2.885	PEG
W51	2621.361	1981.259	2.431	PEG
W52	2437.776	1939.349	2.593	NAIL
BRG W52 TO CHURCH FLAG	27	26	15	
W12	1860.552	1223.528	2.801	NAIL
W30	1876.147	1149.579	3.073	NAIL
W31	1847.858	1117.055	2.955	NAIL
W40	1850.441	1149.044	2.666	NAIL
W41	1905.872	1469.700	2.936	PEG
W42	2081.863	1336.544	2.996	PEG
W43	2516.887	1550.312	2.912	NAIL
W44	2643.825	1523.696	3.003	NAIL
W45	2691.828	1535.048	2.999	NAIL
W46	2689.532	1597.169	2.949	NAIL
W47	2897.844	1534.907	3.351	NAIL
W48	2888.427	1618.365	3.249	NAIL
W49	2936.010	1620.727	3.297	NAIL
W50	2784.279	1452.878	3.016	NAIL
W55	2854.418	1462.555	3.071	NAIL
W56	2888.278	1477.365	3.109	NAIL
W57	2932.067	1485.584	3.115	NAIL
W60	2834.264	1463.023	3.021	NAIL
W61	2878.784	1475.008	3.109	NAIL
W63	2872.498	1491.084	2.958	NAIL
W64	2945.633	1489.183	2.949	NAIL
W70	2453.058	1423.878	3.157	PEG
W71	2613.574	1434.764	3.012	PEG
W80	2924.909	1678.266	3.226	NAIL

This drawing should be read in conjunction with Overall Drainage Strategy Plan E1081/15, where drainage proposals within future phases of development have been identified.

All adoptable drainage shall conform to the design and construction guide for developers, Sewers For Adoption 5th Edition, the Combined Addendum to that document both published by the WRc plc and Anglian Water's Adopting your Sewers - additions/deletions to Sewers For Adoption 5th Edition.

STREET LIGHTING KEY

6 METRE TYPE 3 MID COLUMN WITH POST TOP MOUNTED LANTERN (SG5252/GB/OR/CTPOT/P5X/42W) SETBACK 1.65m.

NOTES

THE CONTRACTOR IS MADE AWARE OF THE VARIOUS SPECIFICATION APPENDICES AND RELATED CORRESPONDANCE. COLUMN MANUFACTURE SHOULD BE CONSISTANT WITH APPENDIX 13/2.

LOCATION OF COLUMNS 9 AND 13 MAY HAVE TO CHANGE WHEN DEVELOPMENT EXPANDS

FOR SIGNING OF CYCLEWAY REFER TO DRAWING E1081/38

KEY

- PROPOSED FOUL WATER SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL WATER RISING MAIN
- PROPOSED GULLY 150mm OUTLET
- EXISTING GULLY
- PRAM CROSSING
- CHANNEL BLOCKS

Channel block are required on where gradient is less than 1/150. Please refer to drawing E1081/16 for gradients.

- Carriageway laid to Binder Course to allow access to F.W.Pumping Station
- Protected Strip (For permanent sewers)

NOTES

STREET LIGHTING
Street Lighting details and installation shall comply with the L.C.C Specification

WHITE LINING
White lining will be required at road junctions. Exact details to be agreed on site with the Area Engineer

LATERAL CONNECTIONS
All lateral connections are 150mm diameter unless shown otherwise

SHDC
Planning & Development
27 JUL 2007
Ref: 1030/07

STORM WATER MANHOLE SCHEDULE

	Manhole No.	Cover Level	Chamber Ø	Chamber Type	Co-ords	Lowest Invert Level
	S30	3.04	1200	X	2704.011E 1545.214N	1.473
	S31	3.03	1500	B	2701.555E 1574.109N	1.202
	S32	3.35	1500	B	2670.817E 1571.419N	1.124
	S33	3.39	1500	B	2662.130E 1566.465N	1.099
	S34	2.83	1500	B	2633.494E 1583.592N	1.270
	S35	3.31	1800	B	2635.397E 1562.679N	0.882
	S36	3.12	1800	B	2604.678E 1545.879N	0.836
	S37	2.93	1200	X	2536.212E 1559.326N	1.363
	S38	3.03	1500	B	2570.079E 1561.881N	1.070
	S5	3.07	1800	B	2599.855E 1538.272N	0.825
	S50	3.03	1800	B	2602.986E 1499.300N	0.630
Pumping Station	S50A	3.00	See Drg.E1081/28 for general arrangement		2611.163E 1500.341N	0.770 from S50
Headwall	S50B				2612.576E 1475.511N	2.200

FOUL WATER MANHOLE SCHEDULE

	Manhole No.	Cover Level	Chamber Ø	Chamber Type	Co-ords	Lowest Invert Level
	F20	3.07	1200	B	2699.287E 1575.859N	0.559
	F19	3.34	1200	B	2568.876E 1573.108N	0.356
	F18	3.42	1200	B	2560.177E 1568.137N	0.289
	F17	3.32	1200	A	2632.513E 1563.373N	0.102
	F16	3.11	1200	A	2602.051E 1547.032N	-0.128
	F15	3.05	1200	B	2570.227E 1559.543N	0.035
	F15A	2.92	1200	B	2536.329E 1556.908N	0.261
	F14	3.05	1200	A	2597.492E 1536.808N	-0.201
	F13	2.99	1500	A	2600.669E 1506.977N	-0.401
Pumping Station	F13A	3.00	See Drg.E1081/29 for general arrangement		2610.651E 1507.580N	-0.45 from F13

Rev. No.	REVISION	Date	Drawn By	Checked By
A	Site layout updated	Sept.05	NJB	HGC
B	Sewer levels and manhole schedules amended. Slab levels lowered	28.9.05	HGC/ NJB	WD
C	House types and blocks updated. Temporary storm water sewers S2 to puming station revised to 600mm diameter. Rising main revised.	18.10.05	HGC/ NJB	
D	Infrastructure shown for REM1 only. Road 3 amended to tie in with existing road and manhole schedule updated to suit. Client drawing number added to title box.	26.10.05	HGC	WD
E	Temporary Foul Water Pumping Station proposed. Foul water drainage amended to suit.	10.11.05	HGC	WD
F	Cycleway added to road 1. Layout amended to architects lates layout. Manhole S37 moved. House types revised. Street lighting added.	25.11.05	NJB	HGC
G	Foul MH F15 moved and levels revised. MH F15A and sewer length F15 - F15A added. Schedule updated.	13.12.05	HGC	
H	Manhole schedule amended. Adoptable drainage note added. Contour lines and survey point added. House types and blocks updated.	17.1.06	NJB	HGC
I	Service margin added to roads 1 and 2. Channel block shown.	23.2.06	NJB	HGC

Written dimensions to be taken. Do not scale off the drawing.

Any discrepancies, written or scaled, should be brought to the attention of the engineer immediately.

This drawing to be read in conjunction with the relevant Bills of Quantities and Local Authority Specification.

CDM NOTE: The design has been undertaken as far as possible to avoid risks to health and safety or to reduce and control the effects of any unavoidable risks.

All relevant information identifying the unavoidable risks has been passed to the planning supervisor for inclusion in the Health & Safety plan.

The Health & Safety plan will be issued by the planning supervisor with these drawings.

WORMALD, BURROWS PARTNERSHIP
Civil Engineering Consultants
12a & 14a Hitchin Street, Biggleswade, Beds SG18 8AX, U.K.
Tel 01767 317244
Fax 315434

Project

Development at Wygate South, Spalding, Lincolnshire

Drawing Description

DETERMINED PLAN

Adoptable Roads and Sewers Plan RM1

Client

Allison Homes Eastern Limited
Holland Place
Wardentree Park
Pinchbeck
Spalding
Lincs PE11 3ZN

Client Drawing Number: A027/201/01

Drawn By: HGC
Date 8.9.05

Scale: 1/500

Engineering Drawing Number: E1081/13/I

Checked By: WD
Date 20.9.05

REGISTERED COMPANY ISO 9001:1994