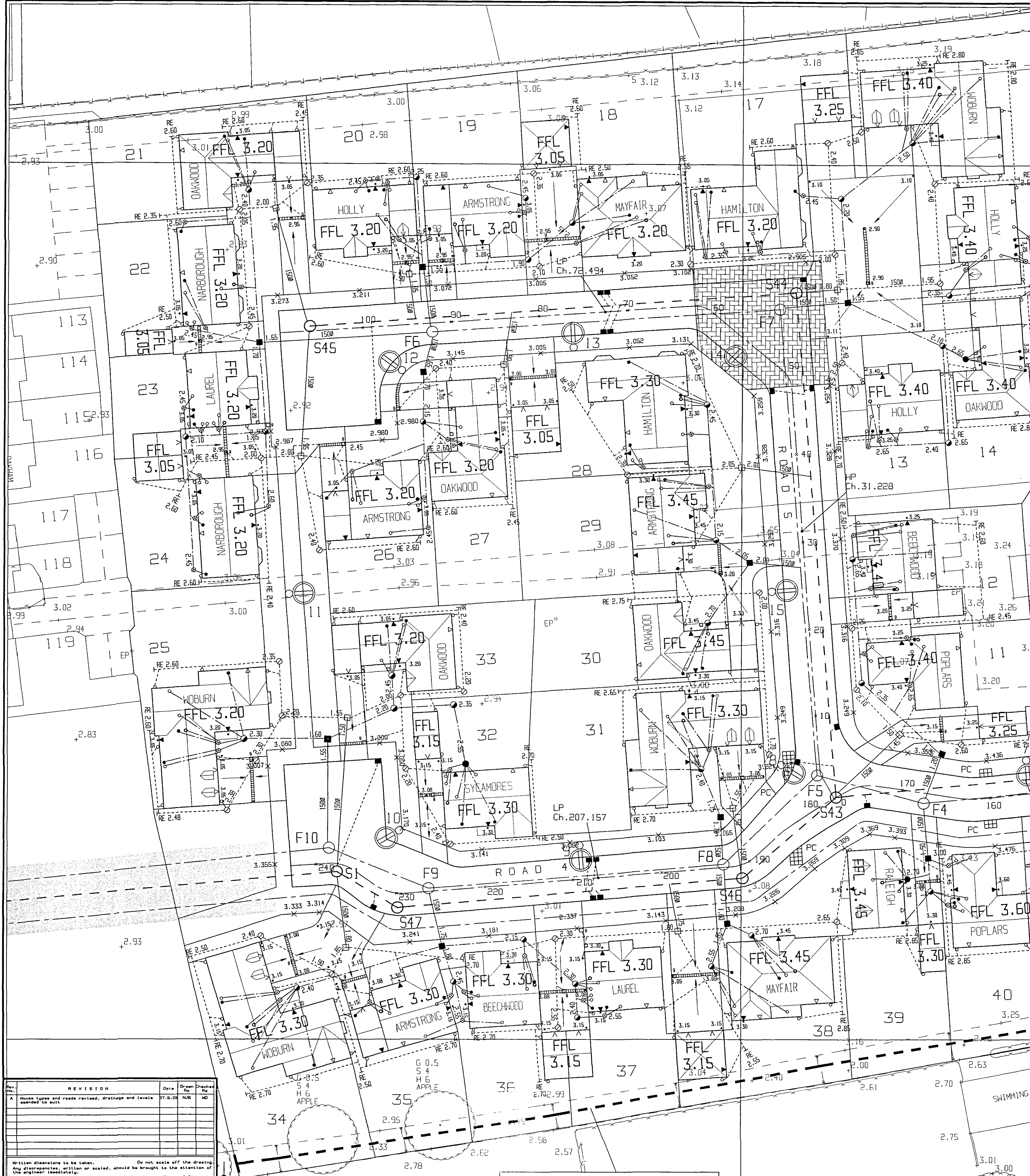




Rev.	Revised	Date	Drawn By	Checked By
A	House types and roads revised, drainage and levels amended to suit	27.6.06	NJB	MD

Written disclaimers 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 is to be read in conjunction with the relevant Bills of Materials 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.

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Project
Development at:
Wygat South, Spalding, Lincolnshire

Drawing Description
Engineering Layout Sheet 2 of 2 RM2

Client Allison Homes Eastern Ltd Holland Park Hendree Park Pinchbeck Spalding Lincoln PE11 3ZN	Client Drawing Number A027/202/03/A
Drawn By AJMB/JMW Date May 06	Scale 1:200
Checked By AJMB Date May 06	

Engineering Drawing Number
E1081/45/A

SHDC
Planning & Development
27 JUL 2007
Ref: 1030107

DRAINAGE NOTES

All works to comply with Building Regulations 2000 Approved Document H 2006 Edition

Private drain connections to adoptable sewers to be clayware pipes. Remaining private drains to be 110mm dia. U.P.V.C. or 100mm clayware unless stated. Private sewers serving more than 10 dwellings to be 150mm dia.

All pipe chambers and fittings to be installed, bedded and backfilled in accordance with the manufacturers instructions.

Private drains and sewers which pass adjacent to building foundations to be constructed in accordance with Part H.1. of the Building Regulations.

All private drains to incorporate preformed inspection and shallow access chambers where possible.

Traditional chambers (private) to be constructed using precast concrete sections with 150mm concrete surround.

Depth to L.L.

Min. chamber size (internal)	Min. cover size (external)
0.6m or less	225mm x 100mm or 190mm dia
0.9m or less	450mm x 100mm or 190mm dia
1.2m or less	450mm x 450mm (normally a preformed chamber, 450mm dia)
1.5m or less	450mm x 450mm (normally a preformed chamber, 450mm dia)
1.8m or less	1200mm x 675mm or 1200mm dia. (pipe up to 225mm dia only)
Over 1.8m	1200mm x 1000mm or 1200mm dia. (pipe up to 225mm dia only)

Rainwater downpipes to be connected directly to surface water drain via 65/110mm adaptor, removable to allow for rodding.

Position of yard gullies shown in garage drives are nominal only and may be adjusted on site.

All drains in the vicinity of proposed trees to be constructed in accordance with the requirements of current N.H.B.C. standards.

All back inlet gullies to be roddable.

ADOPTABLE DRAINAGE LEGEND

Existing foul water sewer	---
Existing surface water sewer	---
Proposed foul water sewer (to be adopted)	---
Proposed surface water sewer (to be adopted)	---
Proposed backdrop (on adopted sewer)	---
Proposed trapped road gully (150mm outlet)	---

PRIVATE DRAINAGE LEGEND

Proposed foul water drain	---
Proposed surface water drain	---
Proposed inspection chamber (traditional)	---
Proposed preformed inspection chamber (depth 0.9m/1.2m or less)	---
Proposed shallow inspection chamber (depth 600mm or less)	---
Proposed shallow access chamber (normally preformed 600mm or 750mm dia)	---
Proposed rodding eye	---
Proposed chamber invert level	7.50
Proposed trapped gully in drives	---
Suspended slab, where appropriate	---
Proposed slab level	SL 9.750
Proposed soakaway	---
Target levels to car parks	x 7.020

rap... o svp... svp vlt... w/c... sink... o big... vent pipe... Ovent required at head of system

NOTE

Where dingo valves are used they should not adversely affect the amount of ventilation necessary for the below ground system which is normally provided by the open stacks of the sanitary pipework.