RECEIVED
26 SEP 2005
DRAINAGE

SHDC
PLANNING & DEVELOPMENT
28 SEP 2005
Ref. 1362/06

| Rev No. | REVISION | Date | Drawn By | Checked By |
|---|---|---|---|---|
| | | | | |

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 so 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, Tel 01767 317244
Biggleswade, Beds SG18 8AX, U.K. Fax 315434

Project
Proposed Development at:-
West Parade, Spalding, Lincolnshire

Drawing Description
Engineering Layout

Client
Aillson Homes Eastern Ltd
Holland Place
Hardentree Park
Pinchbeck
Spalding
Lincs. PE11 3ZN

Client Drawing Number
B001/202/01

Drawn By AJMB/SJP
Date 18.7.05

Scale ~~1:200~~

Checked By AJMB
Date 8.8.05

Engineering Drawing Number
E1727/6

DRAINAGE NOTES
All works to comply with Building Regulations 2000 Approved Document H 2002 Edition
Private drain connections to adoptable sewers to be elbowore pipes.
Remaining private drains to be 110mm dia. U.P.V.C. or 100mm elbowore 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 I.L. | Min. chamber size (internal) |
|---|---|
| 0.6m or less | 225mm x 100mm or 150mm dia |
| 0.9m or less | 450mm x 450mm (normally a preformed chamber 450mm dia) |
| 1.2m or less | 450 x 450mm (normally a preformed chamber 450mm dia) |
| 1.5m or less | 1200mm x 675mm or 1200mm dia. ( plan up to 225mm dia only ) |
| Over 1.5m | 1200mm x 1200mm or 1200mm dia. ( plan up to 225mm dia only ) |

Rainwater downpipes to be connected directly to surface water drain via 68/110mm adaptors, 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 ( i.e. to be adopted )
Proposed backdrop ( on adopted sewer )
Proposed trapped road gully ( 150mm outlet ) — G

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 preformed inspection chamber (depth 600mm or less)
Proposed shallow access chamber ( normally preformed 225mm or 250mm dia )
Proposed rodding eye — RE
Proposed chamber invert level — 7.80
Proposed trapped gully in drives — G
Suspended slab, shore appropriate — SS
Proposed slab level — SL 9.750
Proposed soakaway
Target levels to car parks — 7.885

...G exp... exp sto... o/s... o sink... G big... gent plan... Cement rendered at head of system

NOTE
Where dorge 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.

