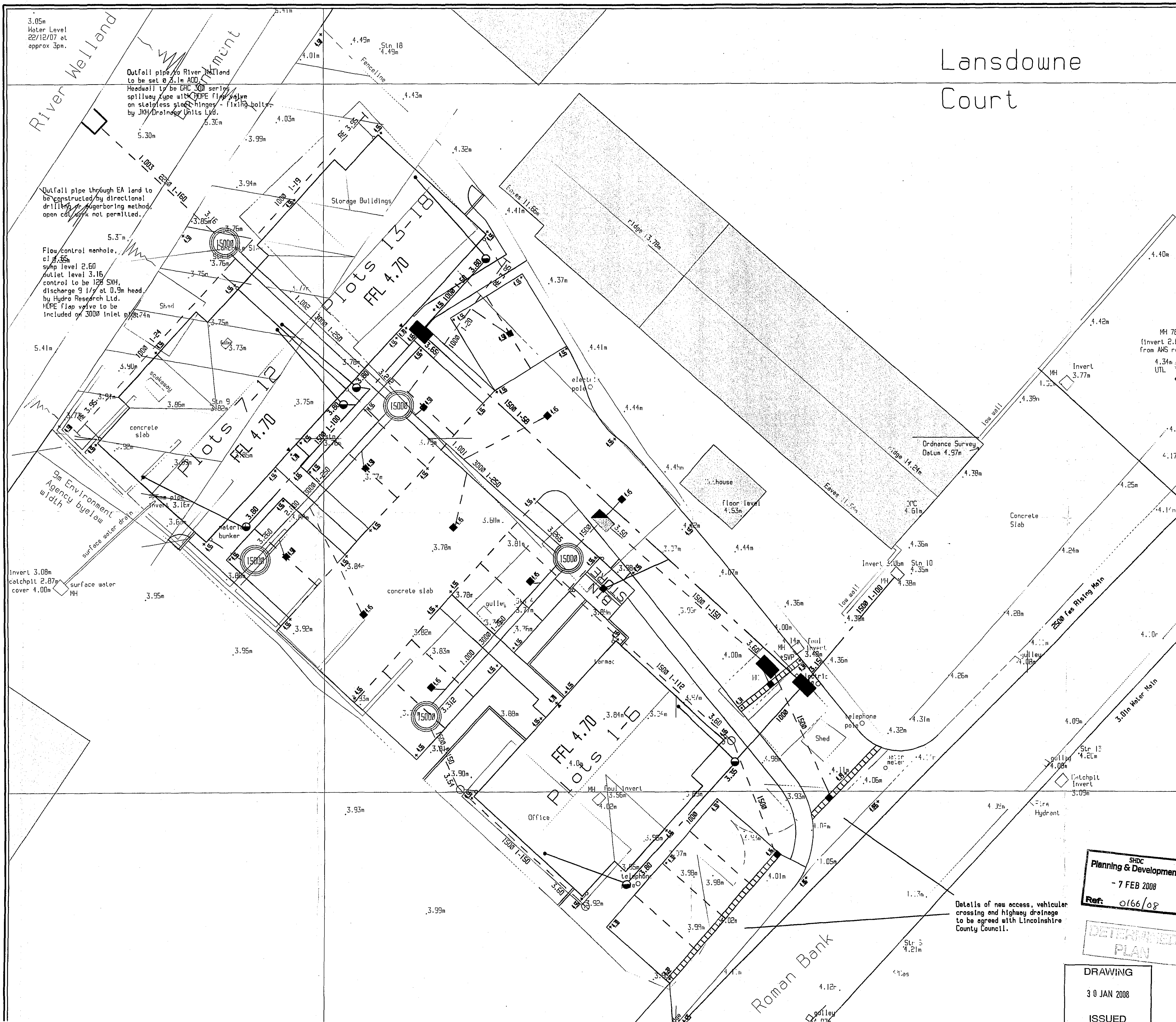




Lansdowne Court

DRAINAGE NOTES

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

Private drains connections to adaptable sewers to be adopted pipes. Sewerage private drains to be 150mm dia. 100mm dia. or 125mm dia. unless stated. Private drains serving more than 10 dwellings to be 150mm dia.

All pipe chambers and fittings to be installed, bedded and backfilled in accordance with the manufacturer's instructions. Private drains and manholes shall be constructed in accordance with the Building Regulations. All private drains to incorporate preformed inspection and access chambers where possible. Traditional chambers (briars) to be constructed using precast concrete sections with 150mm concrete surround.

Drain to 1.1

Drain to 1.1	Min. chamber size (liters)
0.5m or less	225mm x 150mm or 150mm dia
0.5m or less	425mm x 425mm normally a preformed chamber, 425mm dia
1.2m or less	425 x 425mm normally a preformed chamber, 425mm dia
1.5m or less	1200mm x 950mm or 1200mm dia.
Over 1.5m	1200mm x 1000mm or 1200mm dia.

Reinforced concrete drains to be connected directly to surface water drain via 150/110mm adaptors, concrete to allow for bedding. All back inlet gullies to be redible.

ADAPTABLE DRAINAGE (150mm)

Existing foot water sewer	-----
Existing surface water sewer	-----
Proposed foot water sewer	----- (to be adopted)
Proposed surface water sewer	----- (to be adopted)
Proposed bedding	----- (on adopted sewer)
Proposed trapped road gully	----- (150mm inlet)

PRIVATE DRAINAGE (150mm)

Proposed foot water drain	-----
Proposed surface water drain	-----
Proposed inspection chamber (traditional)	-----
Proposed preformed inspection chamber (depth 8.5m/1.2m or less)	-----
Proposed preformed inspection chamber (depth 8.5m or less)	-----
Proposed shallow access chamber	----- (normally preformed 225mm x 225mm dia)
Proposed bedding	-----
Proposed chamber invert level	-----
Proposed trapped gully in drain	-----
Suspended slab, where appropriate	-----
Proposed slab level	-----
Proposed rubble bedding with 300mm V.O.S.	-----
Target levels to car parks	-----

Legend:
 - - - - - adopted sewer
 - - - - - adopted surface water sewer
 - - - - - adopted bedding
 - - - - - adopted trapped road gully
 - - - - - adopted chamber invert level
 - - - - - adopted suspended slab
 - - - - - adopted slab level
 - - - - - adopted rubble bedding
 - - - - - adopted target levels to car parks

NOTE
These drawings are not to be used for any other purpose without the written consent of the author. The author is not responsible for any errors or omissions in these drawings.

All drains in vehicular areas with less than 1.2m cover and soft landscaped areas with less than 0.9m cover to have concrete protection.

SVP's to have a minimum vertical distance of 750mm from floor to invert of tail bend

Rev No.	REVISION	Date	Dr
A	Details of Private Drainage added.	11.1.08	W
B	Parking bays adjusted to front of site.	28.1.08	W

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 is to be read in conjunction with the relevant Bill of Materials and Local Authority Specification.

CDM NOTE: The design has been undertaken as far as possible to ensure that the design is safe and sound and to reduce the risk of any foreseeable risks. All relevant information identifying the unavoidable risks has been passed to the planning supervisor for the Health & Safety plan. The Health & Safety plan will be issued by the planning supervisor with these drawings.

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Project
Roman Bank, Spalding, Lincolnshire.

Drawing Description
Private Drainage and External Levels Layout

Client	Drawing Number
Fieldview Homes Ltd, PO Box 1160, Spalding, Lincs. PE11 9BZ	E2033/1/
Architect Robert Doughty Consultancy, 32, High Street, Helpington, Nr. Sleaford, Lincolnshire	Drawn By AJMB/SJP Date 2.1.08 Checked By Date
Scale 1:100	

SHDC
Planning & Development
- 7 FEB 2008
Ref: 0166/08

DETERMINED PLAN

DRAWING
30 JAN 2008
ISSUED

Details of new access, vehicular crossing and highway drainage to be agreed with Lincolnshire County Council.