DRAINAGE NOTES

All works to comply with Building Regulations. 1991 (Amended 1992)
Road gully connections to be 150mm dia. clayware pipes.
Private drain connections to adoptable sewers to be clayware pipes.
Remaining private drains to be 110mm dia. U.P.V.C. or clayware unless otherwise stated.
All pipe chambers and in accordance 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).
1.0m or less	452 x 452mm (normally a preformed chamber 0.5m depth or less)
1.5m or less	1200 x 750mm or 1050mm dia.
Over 1.5m	1200 x 750mm or 1200mm dia.

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 existing land drains encountered during construction to be connected to surface water system.
All drains the vicinity of proposed trees to be constructed in accordance with the requirements of N.H.B.C. Practice Note 3.
All back inlet gullies to be rodded.

DRAINAGE LEGEND

Existing foul water sewer
Existing surface water sewer
Proposed foul water sewer
Proposed surface water sewer
Proposed backdrop
Proposed foul water drain
Proposed surface water drain
Proposed inspection chamber (traditional)
Proposed preformed inspection chamber (depth 900mm or less)
Proposed preformed inspection chamber (depth 600mm or less)
Proposed shallow access chamber
Proposed rodding eye
Proposed chamber invert level — 7.00
Proposed gully (Kullies in garage drives to be trapped) — Dg
Suspended slab, where appropriate — ss
Proposed slab level — e.g. + 7.150
Proposed soakaway
Target levels to car parks — e.g. 7.000

KEY

Tarmac Access

Crossover to L.A Specification

Grasscrete Blocks filled with gravel (Permeable)

Private Package Pumping Station
CL=3.49
IL=2.80
Sump=2.35
Capacity 4 l/s
Total Head=1.2m

1 No.T-T 505 Pump supplied by TT Pumps or approved supplier

Pump Station Equipment, high level alarm located on Kiosk

435.850E 942.725N
429.407E 939.336N
460.863E 942.054N
452.683E 937.639N
464.320E 935.647N
456/141E 931.258N
445.504E 924.369N
439.061E 920.980N

3.405 • 3.40 Deep Trapped Gully

750mm uPvc Rising Main

SL=3.930
SL=3.830

Pumping Station

1/40
1/105

1000 I/BD FWS

DISUSED POND?

MH CL3.86

IL 2.74
IL 2.95

IC 3.86
KO 3.82
WSV 3.90

G 0.30 S 2.00 H 4.00 HOLLY
G 0.50 S 3.00 H 5.00 HOLLY
G 0.30 S 2.00 H 3.00 SB

GAS
WSV

FIR TREES
FRUIT

Ex. L.P
Ex. L.P

PARK ROAD

GAS

25mm upstand across Entrance to prevent Highway water discharging onto Site Access Road

• ORNAMENTAL LAMP

Rev. No.	REVISION	Date	Drawn By	Checked By
A	Amendment to FWS gradient	27.1.95	DJC	M.D
B	Amendments to Slab levels & Pumping Station added	4.4.95	DJC	M.D

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. Tel. Biggleswade (01767) 317244
Fax. Biggleswade (01767) 315434
This drawing to be read in conjunction with the relevant parts of Specification and Local Authority Specifications.

DETERMINED
Ref:
SOUTH HOLLAND DC HOUSING & PLANNING 20 SEP 1995

Project
Proposed Development at Park Road - Spalding

Drawing Description
Building Drainage

WORMALD, BURROWS PARTNERSHIP
Civil Engineering Consultants
12a & 14a Hitchin Street, Biggleswade. 317244
Fax. (01767) 315434

Architect

Date 16.11.94
Drawn by M.D
Scales:
Horizontal 1:100
Vertical

Client
Swallow Homes Ltd.
West Elloe Avenue
Spalding
Lincolnshire PE11 2BS

Drawing Number
E0598/1/B

Checked By M.D
Date 16.11.94

Surface Tue Apr 4 12:13:56 PST 1995 edsmith