existing high conifers screening retained

Adjoining property

BRICK WALL

WATER LANE

BUNGALOW

CONIFERS

Bin store in timber enclosure with gate

Geolight Soakaway
14m x 2m x 1m deep
28no. HG400 units
160ø distributor pipe

Silt chamber

PARKING tarmac

PARKING block paved

canopy over entrance doors

ELEVATION A

Birch tree

Willow tree

LAWN

New boundary fencing

160ø

Approx. position of existing foul water

see separate detail by Weddle Landscape Architects with regard to tree root protection measures

ST THOMAS'S ROAD

WELLAND CLOSE

PARKING AREA

IL 8.862 1:50 IL 9.166

IL 9.250 1:80 1:57 IL 9.207 1:80 IL 9.170

IL 9.250

IL 9.400
6000 cm

IL 9.097 IL 8.478

IL 9.102

1:80 1:80 1:80 1:100 1:100 1:80

IL 8.663 IL 8.812 1:100 IL 8.549 IL 8.973 IL 8.878 IL 8.929 1:80 1:80 IL 8.996

IL 9.250 IL 9.028

IL 8.989

1:49 1:70

IL 8.515 IL 8.831 1:80 IL 8.709 1:80 1:100

IL 8.892 9.133

5000 6000 5000 3500 4500 4500

G DK

TPO

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PLANNING & DEVELOPMENT
- 9 MAR 2006
Ref. 033/06

PlastiDrain

Important : Please read the following advice

Information given on this drawing is subject to Local Authority Approval. Pipe diameters and gradients to be in accordance with British Standard Code of Practice BS8301, BS8005 and BS EN 752. For pipe bedding recommendations refer to Hepworth technical literature.

Warning : This drawing may be unsuitable for certain purposes

This drawing has been prepared only for the purpose of illustrating the design of Hepworth's drainage systems and preparing an estimated schedule of materials. The drawing should not be used for any other purpose and in particular (but without limitation) is not to be used as a plan for construction without further consultation with Hepworth Building Products Ltd. Hepworth Building Products Ltd makes no warranty, guarantee or representation in relation to the suitability of the design for a particular scheme and accepts no responsibility for any use of the drawing other than for the purposes for which it was prepared, save where the express consent of Hepworth Building Products Ltd to such use has been previously obtained.

Product Key - see details below

Foul Drain
Surface Water Drain
} 100 mm diameter unless stated

Foul / Surface Water

- Threshold Drain
- HepFlow linear drainage
- RWP Connection
- WP Waste Pipe Connection
- WC WC Connection
- SS Stub Stack
- SVP Soil and Vent Pipe Connection (fully ventilated)
- SV Soil Pipe with Air Admittance Valve
- Inlet Gully
- Compact Access Gully
- Vertical Inlet Hopper (trapped)
- Paved Area Gully
- Paved Area Gully with horizontal inlet
- Yard Gully
- Rodding Point
- Mini Access Chamber

Polypropylene Inspection Chamber :-

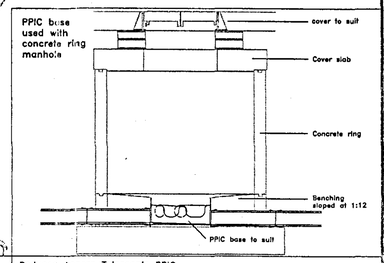
- 100 mm inlets 0.595 M deep - round cover
- 100 mm inlets max 1.200 M deep - round cover
- 150 mm inlets max 1.200 M deep - round cover

Reduced Access Telescopic PPIC -

- 100 mm inlets 1.200 - 3.00 M deep
- 150 mm inlets 1.200 - 3.00 M deep
- DAC plus 100 mm PPIC base
- DAC plus 150 mm PPIC base
- Constructed chamber plus 100 mm PPIC base
- Constructed chamber plus 150 mm PPIC base
- Constructed Chamber - Traditional channelwork

Other items -

Rev	By	Description	Date



Threshold Drain
Removable Grid
Door Threshold
Channel
1.2 M grid & channel assembly – code TDA
Outlet Adaptor – code TDO
End Cap (pair) – code TDC
Joint Clip code – TDJ
BUILDING REGULATIONS PART M – THRESHOLD DRAINAGE

HepFlow linear drainage Connection detail
Snap In Grating
HepFlow channel drainage
direct connection to 110 PVC-u pipe
90° bend code 4P03A
Channel 1.0 M – code HF1000
Channel 0.5 M – code HF500
Sump Unit – code HFSU
Closing Endcap – code HFEC

Internal Waste Pipe Connection Detail DC1–P
Waste pipe adaptor codes – 32 mm code 4A03A RWP; 40 mm code 4A04A; 50 mm code 4A05A; RWP adaptor 82 mm code 4A05A
Waste or Alternative internal drain connector. codes – 32/40 mm S460P; 50 mm S462P
Short length of pipe cut to suit
87.5° D/S Bend code 4P03B
G.L.

Soil & Vent Pipe Stub Stack or WC Connection DC2–P
Soil Pipe
Coupling code 4702A
Short length of pipe cut to suit
F.F.L.
G.L.
Rest Bend code 4P04F

External Rainwater Pipe. Connection Detail DC4–P
Rainwater pipe
RWP Adaptor codes – 68 mm round – 4A06R; 65 mm square – 4A06S; 76 mm max universal – 4A07U
Short length of pipe cut to suit
87.5° Bend code 4P03B
F.F.L.
G.L.

Square Access Gully Connection Detail GC3–P
Square Access Gully code 4A12A
Waste or RWP max od 68 mm dia or 65 square
Polypropylene grid (provided)
Removable stopper
Concrete bed
F.F.L.
G.L.

Paved Area Gully Connection Detail GC6–P
NB– A Raising Piece code 4A17E inserted between the Hopper & the base can be used to increase the gully depth to 600 mm max
Paved Area Gully code 4A22A
Removable Dip Tube Trap for full bore rodding
Bend to suit
Concrete bed & surround
G.L.

Rodding Point Installation Detail AP1–P
Square Rodding Point – code 4A10SA
Concrete bed
Short length of pipe cut to suit
Bend to suit

Mini Access Chamber Installation Detail AP2–P
Mini Access Chamber code SDAC1/1 max 600 mm deep
Topsoil
150 mm concrete plinth to support finish
Sited in landscaped areas
Sited in driveways or paved areas
Well compacted bedding material used as backfill

Polypropylene Inspection Chamber Installation Detail AP3–P
Round Ductile Iron cover & frame code SPK8
Square airtight cover & frame code SPK5B
Square recessed cover & frame code SPC5B
PPIC codes – S No 100 inlets – SPIC1/1 – 940 mm deep SPIC2/1 – 555 mm deep S No 150 inlets – SPIC1/2 – 940 mm deep max 1.0 M deep
225 mm deep concrete plinth to support finish
Topsoil
Sited in landscaped areas
Sited in driveways or paved areas
Well compacted bedding material used as backfill

Reducec Access Telescopic PPIC Installation detail AP6
Topsoil
Telescopic Raising Piece code SPIC3/7
Extended Raiser code SPIC3/4
Sealing Ring code SPIC5
Compacted Backfill
PPIC
350 mm Telescopic movement

Hepworth DRAINAGE
Head Office - Hazlehead, Crow Edge, Sheffield S36 4HG
Tel (01226) 763561 Fax (01226) 766057

Project
10no. Appartments Adjacent Welland Close Off St. Thomas Road, Spalding

Client
R K Wilson Construction

Drawn by	Date completed	Scale
C. Eastwood	9/02/06	1: 100

Drawing No HP11908 Revision

DETERMINATION PLAN