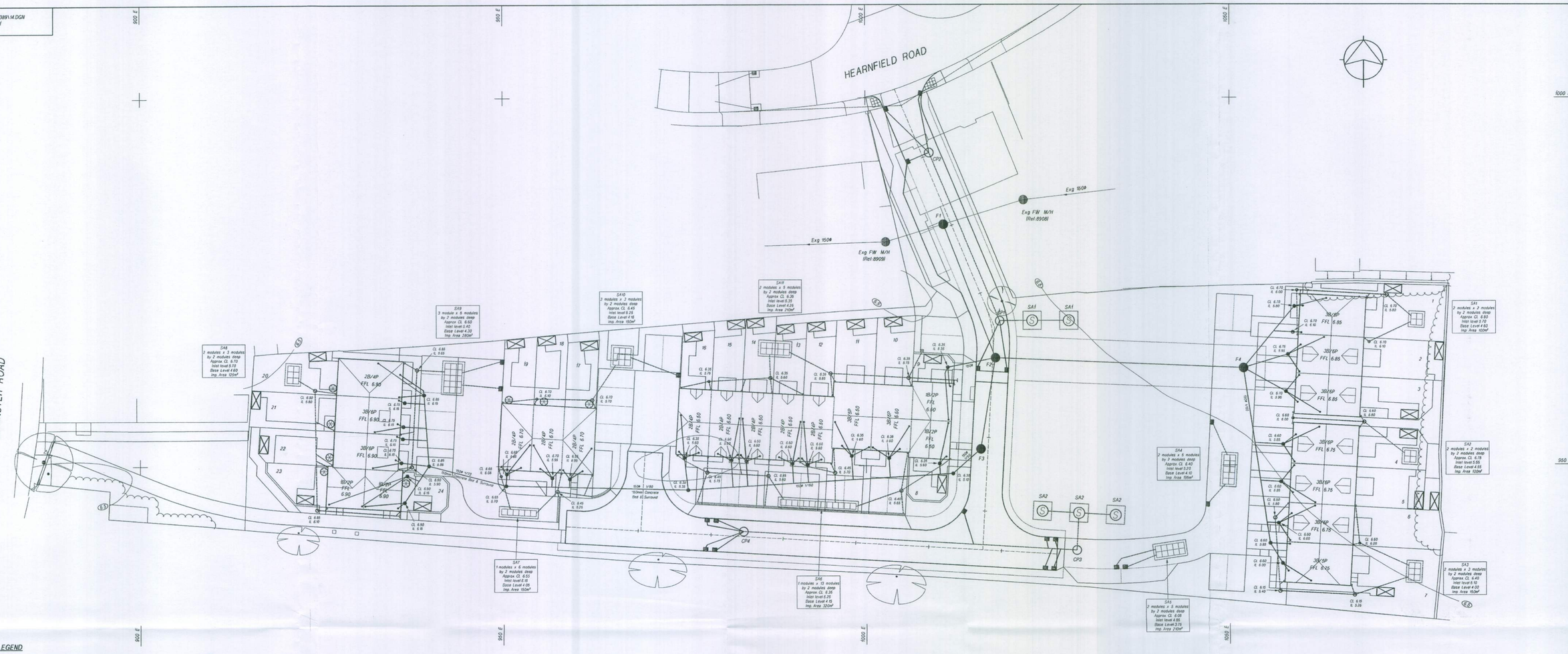
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PLOT DATE May 12, 2011
PLOT TIME 16:21:42



LEGEND

- Adoptable Foul Water Manhole (Refer to Manhole Schedule)
- Universal Foul Water Inspection Chamber (450mm dia. - max. depth 1.2m)
- Non Entry Foul Water Inspection Chamber (500mm dia. - max. depth 3.0m)
- Adoptable Highway Catchpit (Refer to Catchpit Schedule)
- Shallow Surface Water Inspection Chamber (250mm dia. - max. depth 600mm)
- Universal Surface Water Inspection Chamber (450mm dia. - max. depth 1.2m)
- Non Entry Surface Water Inspection Chamber (500mm dia. - max. depth 3.0m)
- House/Flat Drainage Discharge Location
- Road Gully (Refer to Typical Road Construction Details)
- Garage Drive Yard Gully (Incorporating a trapped outlet)
- Linear Drainage System (Aco or similar incorporating a trapped outlet)
- Surface Water Drainage with RWP connection and Rodding Eye
- Private Domestic Soakaway (Hydro International Stormbloc system)
- Water Butt - 200L (To be set into adjacent RWP with overflow into SW drain)

NOTES

1 All adoptable drainage works to be in accordance with the Water Authorities Association 'Sewers for Adoption' guide, SIXTH EDITION.

2 All adoptable highway works to be in accordance with West Sussex County Council document 'Specification for the Construction of Estate Roads', 'Notes for Guidance' and 'Standard Detail Drawings'.

3 Private drainage connections to proposed adoptable sewers or existing public sewers to be either;
- RIDGI - Ridgesewer polypropylene pipes by POLYPIPE in accordance with WIS: 4-35-01.
- SWPP - Structural Wall Plastic Pipes in accordance with WIS2-35-01 (Uponor Ultra Fortis or similar approved) Resistant to a jetting presureof 4000 psi. Laid in 3m. nominal lengths
- Extra Strength clayware pipes to BS EN 295 (Tout)
- Extra Strength clayware pipes to BS 65 (surface)
- Class H concrete pipes to BS 5911-1: 2002 (Tool or surface)

Refer to layout plan for diameter of actual pipe connection.
All connection to be flexibly jointed with Class S granular bed and surround, unless shown otherwise.

4 Private drainage to be PVC-u flexibly jointed pipework manufactured in accordance with the requirements of the following British Standards :
- BS 2494 : 1990
- BS 4660 : 1989
- BS 5481 : 1989
- BS 5955 : 1980

All private drainage to be 110mm diameter pipework, unless shown otherwise.
Private drainage pipework is to be installed, bedded and backfilled in accordance with the manufacturer's recommendations together with the requirements of the following documents :
- Document Hf, The Building Regulations 2002.
- BS 8301: 1985, Building Drainage.
- BS EN 752-1: 1996, Drain and Sewer Systems Outside Buildings.

5 Inspection chambers to be preformed polypropylene units manufactured in accordance with the requirements of BS 7158 : 2001

6 Inspection chamber cover and frames to comply with BS EN 124 : 1994 and in accordance with the following criteria :
- Shallow Inspection Chambers: CLASS A15
- Universal Inspection Chambers: CLASS A15 (Locations NOT subject to vehicle loading) CLASS B125 (Locations subject to vehicle loading)
- Non Entry Inspection Chambers: CLASS C250 (350mm dia. restricted opening)

7 All soakaway pits are to be precisely set out to the locations shown on the layout. Absolute minimum distance from edge of pit to any structure to be not less than 5m.

FOUL WATER MANHOLE SCHEDULE

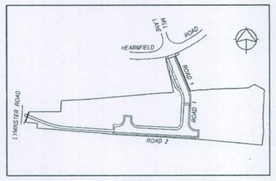
M/H	Approx Cl.	I.L.	Type	Dia. (mm)	Remarks
F1	6.34	4.64	B	1200	On line of existing sewer
F2	6.42	4.90	C	1240 x 675	
F3	6.30	5.00	C	1240 x 675	
F4	6.70	5.45	C	1240 x 675	

HIGHWAY CATCHPIT SCHEDULE

M/H	Approx Cl.	Inlet I.L.	Type	Size (mm)	Depth including sump	Remarks
CP1	6.44	4.00	REFER TO DRG No.210389/13	1200	3.04	
CP2	6.15	4.20		1200	2.55	
CP3	6.10	4.40		1200	2.30	
CP4	6.20	4.80		1200	2.00	

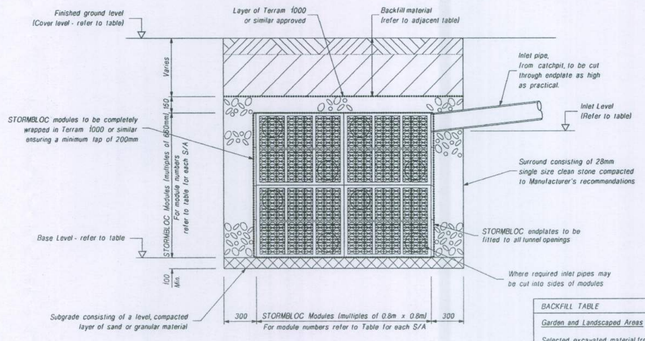
HIGHWAY SOAKAWAY SCHEDULE

S/A No.	Approx Cl.	Inlet I.L.	Base Level	Type	Dia. (mm)	Depth	Remarks
SA1	6.60	3.95	2.25	REFER TO DRG 210389/13	1500	4.35	Linked chambers
SA1	6.60	-	2.25		1500	4.35	
SA2	6.20	-	1.95		1500	4.25	Linked chambers
SA2	6.20	4.20	1.95		1500	4.25	
SA2	6.20	-	1.95		1500	4.25	

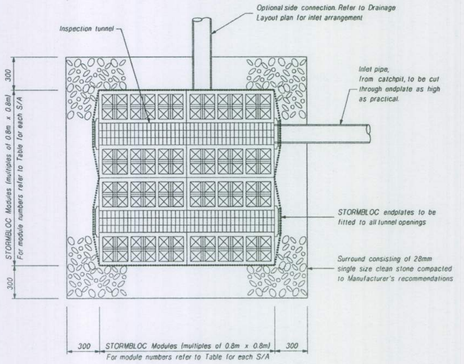


SCHEMATIC ROAD LAYOUT
Scale - NTS

2 1 0 2 4 6 8 10 15 20
SCALE 1:200



SECTION - PRIVATE DOMESTIC SOAKAWAY
Scale N.T.S.



PLAN - PRIVATE DOMESTIC SOAKAWAY
Scale N.T.S.

BACKFILL TABLE

Garden and Landscaped Areas

Selected excavated material free from construction and deliterious material compacted to Manufacturer's recommendations in 150mm layers (max), topped with 150mm good quality topsoil.

Trafficked Areas

D.T.p. Type 1 granular sub base material compacted to Manufacturer's recommendations up to the formation level of the drive/communal parking area construction.

IMPORTANT NOTES

Soakaway void to be formed using STORMBLOC modules by Hydro International. Alternatives MUST NOT be used.
The ground above the STORMBLOC modules MUST be backfilled and compacted to finished level prior to to being subjected to any traffic loads
The soakaway shown is based upon a two modual by two modual system. Refer to each individual soakaway table on the Drainage Layout Plans for the actual configuration.

IMPORTANT NOTE

It is essential that the design Base Level to soakaways is located within the anticipated permeable strata.
Upon completion of the pit excavation, the Contractor must ensure that this has been achieved.
Should a permeable strata NOT be encountered, construction must cease and TRIBRACH ASSOCIATES advised in order that a review of the design may be undertaken.

Rev. No.	Revision	Date	Drawn

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Client: ABBEY DEVELOPMENTS LTD.

Project: HEARNFIELD ROAD, WICK LITTLEHAMPTON, WEST SUSSEX

Drawing: DRAINAGE LAYOUT

Scales: Horizontals 1:200 at A0, Verticals
Date: May 2011

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DRAWING No: 210389/14

Rev.

R 13.5.11

ARUN DISTRICT COUNCIL LU/156/11/DOC