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N

SURFACE WATER MANHOLE SCHEDULE

M.H.	COVER	INVERT	DEPTH	SIZE
S1	79.000	78.200	0.800m	460Ø
S2	79.000	78.037	0.963m	460Ø
S3	79.000	76.200	2.800m	460Ø
S4	79.000	78.200	0.800m	460Ø
S5	79.000	77.983	1.017m	460Ø
S6	79.000	76.200	2.800m	460Ø
S7	79.000	78.038	0.962m	460Ø
S8	79.000	78.200	0.800m	460Ø

FOUL WATER MANHOLE SCHEDULE

M.H.	COVER	INVERT	DEPTH	SIZE
F1	79.000	78.000	1.000m	460Ø
F2	79.000	77.946	1.054m	460Ø
F3	79.000	77.806	1.194m	460Ø
F4	79.000	77.689	1.311m	460Ø
F5	79.000	77.581	1.419m	460Ø
F6	79.000	77.571	1.429m	460Ø
F7	79.000	77.364	1.636m	460Ø
F8	79.000	77.354	1.646m	460Ø

Notes:
1. The Contractor shall check all heights, sizes, dimensions, pipe diameters and drainage outfalls on site or off site before works commence and any errors should be reported to Woodsyde Developments Limited.
2. Figured dimensions shall take preference to scaling, with any errors reported to Woodsyde Developments Ltd.
3. Outfall levels and sewer type shall be checked and verified prior to works commencing on site with any errors or discrepancies reported to Woodsyde Developments Ltd.
4. Site Porosity tests have been undertaken by the Client and these have proved sufficient for the use of soakaways.
5. All parking and turning areas shall be provided with permeable surfacing driveways and private access roads to comply with Table's G2.1 and G3.3 in the Sustainable Drainage Systems Standards for Wales to ensure SAB complaince.
6. All surface water soakaways have been designed for the 1 in 100 + 40% storm event.
7. Catchpit/ silt traps are to be provided to last manhole/ gully prior to entering the soakaway attenuation to capture any silts/ deleterious materials.
8. The foul water will outfall into the existing foul water sewer to the east of the site.
9. The foul water drainage connection shall be subject to a S104/S106 Agreement with Welsh Water.
10. The surface water drainage will require a SAB Application and Approval from the Local Drainage Authority.
11. Due to the depth of the soakaway tests, the invert levels should be approximately 2.8m below ground level.
12. No topographical survey has been provided and all levels have been taken from Google Earth.
13. The soakaway crate depths shall be checked with the manufacturer prior to installation to ensure they have sufficient strength to withstand all likely traffic loading and depth of installaiton.

110
114
112
118
116
90

Modular Crate Soakaway Polystorm Xtra
11.0m(L) x 3.0m(W) x 0.4m(D)

Rights of Access to Rear of
112, 114, 116 & 118 to be Retained.

Modular Crate Soakaway Polystorm Xtra
12.5m(L) x 8.0m(W) x 0.4m(D)

Existing 150Ø FWD

Existing Retail Unit

Existing Foul
Water Manhole

Permeable
Construction

Existing Foul
Water Manhole
IL TBC

6 6 6
2 2
1 1
7 7
5 5
4 4 4
3 3 3

100Ø SWD
100Ø FWD
150Ø SWD
RE
S1 S2 S3 S4 S5 S6 S7 S8
F1 F2 F3 F4 F5 F6 F7 F8

Unit 1
688ft²
Unit 2
688ft²
Unit 3
807ft²
Unit 4
796ft²
Unit 5
796ft²
Unit 6
796ft²
Unit 7
807ft²
FFL
79.000

SVP
WC
BIN

Woodsyde Developments Ltd

Project:
Proposed Development on Land to the Rear of Rhosnesni Lane, Wrexham
Client:
Mr P Clifton
Drawing Title:
Drainage Layout Plan
Scale:
1:100 @ A1
Date:
February 2025
Drawing No:
RL-DL-200: Rev A

The Poppies, Lower Road, Harmer Hill, Shropshire. SY4 3QX.
Tel: 01939 290483 Mob: 07527 352084
email: andrew@awgough.co.uk

Rev A: Foul Water Outfall Amended KG 19.03.25