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River Clun

Notes:

1. The Contractor should check all heights, sizes and dimensions on 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. Site Porosity tests have been undertaken by the Client and these have proved not sufficient for the use of soakaways due to the ground being clay. Test pit 1.0m x 0.3m to depth of 1.8m used and no fall in the head of water was recorded during the test. TP1 shows location of test pit.
4. The proposed building will be attenuated by 35.0m of 225mmØ uPVC pipes.
5. The outfall shall pass through a hydrobrake type flow vortex located in chamber S3. This will be restricted to 5.0 based on Greenfield run-off to ensure a suitably sized vortex is provided to prevent blockages and reduce on-going maintenance. The outfall shall discharge to the River Clun.
6. Due to the proposal being for an agricultural building there will be no proposed foul water drainage required.
7. All existing outfall surface and foul water manholes should be levelled and checked before works commence.
8. No topographical survey has been provided and therefore all levels must be checked and verified from a topographical survey before any works are commenced.
9. S1, S2, and S4 to be provided as a catchpit with minimum 300mm sump.
10. As the outfall is to mains river and flow is maximum 5l/s, no additional consent is required from the Environment Agency and discharge accords with Binding Rules.

Headwall
CL 226.000
IL 225.000

1500 SWD 29.25m 1:47.8



S2
(Catchpit)

2250 SWD 26.0m 1:400

S3
Hydrobrake

2250 SWD
9.05m 1:393.5

Proposed Building

1500 SWD
9.36m 1:68.3

S1
(Catchpit)

S4
(Catchpit)

Existing Building

SURFACE MANHOLE SCHEDULE

M.H.	COVER	INVERT	DEPTH	SIZE
S1	226.500	225.700	0.800	1200Ø
S2	226.500	225.677	0.823	1200Ø
S3	226.500	225.612	0.888	Hydro
S4	226.500	225.749	0.751	1200Ø

Rev A: Notes Added KG 16.05.21

Woodsyde Developments Ltd

Project:
Proposed Agricultural Building at The Garn,
Newcastle, Shropshire. SY7 8PQ

Client:
Mr Richards

Drawing Title:
Drainage Layout Plan

Scale:
1:200 @ A3

Date:
April 2021

Drawing No:
TG-DL-501 Rev A

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