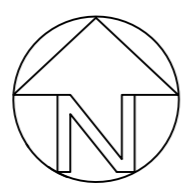


**General Notes**

- All dimensions are in metres unless otherwise stated.
- All levels are in metres.
- This drawing is to be read in conjunction with all relevant Engineers and Architect's dra Specifications, Reports and Engineering Details.



**Health, safety & the environment**

In accordance with the Construction (Design and Management) Regulations 2015, the designs and details on this drawing have been the subject of a Designers Risk Assessment, to identify risks in the construction, use, or demolition of the scheme.

It is not considered necessary for Designers to highlight obvious and/or common risks (such as deep excavations, manual handling and working around heavy plant) which Contractors should be familiar with, and be able to control by good management and site practice.

So far as is reasonably practicable, the risks inherent in the design have been eliminated. Where it has been considered that elimination of a risk (or part of a risk) is not reasonably practicable, it has been reduced.

**Drawing Key**

Site Boundary - Taken from site layout referenced

Drained Areas			
Hatch	Pipe Code	Area (Ha)	Area +10% Urban Creep*
[Hatch]	1.000	0.013	0.014
[Hatch]	1.001	0.196	0.216
[Hatch]	1.002	0.020	0.022
[Hatch]	1.003	0.060	0.066
[Hatch]	1.005	0.062	0.068
[Hatch]	1.006	0.082	0.090
[Hatch]	1.007	0.061	0.067
[Hatch]	1.010	0.016	0.018
[Hatch]	1.011	0.022	0.024
[Hatch]	2.000	0.052	0.057
[Hatch]	3.000	0.119	0.131
[Hatch]	3.001	0.056	0.062
[Hatch]	3.003	0.050	0.055
[Hatch]	3.004	0.137	0.151
[Hatch]	3.007	0.034	0.037
[Hatch]	4.000	0.031	0.034
[Hatch]	5.000	0.077	0.085
[Hatch]	Total	1.087	1.197

\*An allowance for 10% urban creep has been made based on the overall impermeable area of 1.087 hectares. 10% has been taken from Table 1 'Cambridgeshire County Council Surface Water Planning Guidance June 2021'. The 10% has been based on s25 dwellings per hectare

A sensitivity check has been undertaken to confirm adding the detention basins top of bank areas to the total impermeable area does not result in flooding. The following areas have been added to the hydraulic calculations.

Drained Areas		
Hatch	Pipe Code	Area (Ha)
[Hatch]	1.013	0.088
[Hatch]	3.009	0.091

Refer to hydraulic calculations '26065 - SW MicroDrainage Simulation Results - FEH - Sensitivity check' for simulation results including the above basin areas, (the calculations include a total impermeable area of 1.376ha)

This drawing has been based/developed using the following external drawings					
Type	Company	Drawing date	Drawing title	Date received	Rev
Site Layout	JGA Architecture	18.01.2021	21022-001-P08-Feasibility Site Layout	05.07.2023	P08
Topographical survey	Utility Mapping	04.04.2023	UM23-1726-MIN-2D West Street, Chatteris_Rev01	12.05.2023	01
OS Data	Utility Mapping	04.04.2023	UM23-1726-MIN-2D West Street, Chatteris_Rev01	12.05.2023	01



Rev D	Updated in response to LLFA comments	By AD	Checked LC	18.12.2023
Rev C	'Do not scale' note removed as requested by LPA.	By GM	Checked LC	02.11.2023
Rev B	Minor amendment to notes.	By GM	Checked DJ	11.10.2023
Rev A	Amendment to urban creep allowance	By ARJ	Checked LC	17.07.2023

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Client **Minster Property Group**

Project **West Street Chatteris**

Title **Drained Areas Layout**

Scale at A1	1:500	Drawn by	ARJ	Checked by	LC	Date	July 2023
Status	<b>FOR PLANNING</b>	Project ref	26065	Drawing no.	104	Revision	D

