



GENERAL NOTES

1. DO NOT SCALE.
2. This drawing is to be read in conjunction with all other relevant drawings and details.
3. Should there be any conflict between the details indicated on this drawing and those on other drawings the Engineer should be informed PRIOR to construction.
4. Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings issued are Preliminary and NOT for construction. Should the Contractor commence site works prior to such approval being provided it is entirely at their own risk.
5. Sketch proposals are for illustrative purposes only and as such are subject to detailed site investigation including ground conditions, contaminants, drainage, design and planning / density negotiations.
6. All dimensions are in metres unless otherwise stated.
7. All foul drainage is to be 1500 unless noted otherwise.
8. Finished floor levels, where indicated, are preliminary only and are subject to detailed design.
9. The BM Civil Engineering Ltd Designer's Risk Assessment(s) for this project must be reviewed PRIOR to the commencement of any works on site.

- KEY:**
- Development Boundary
 - Proposed Section 104 Adoptable SW Sewer
 - Proposed Section 104 Adoptable FW Sewer
 - Existing Combined Water Sewer

PROPOSALS ARE SUBJECT TO DETAILED DESIGN, PLANNING AND LLFA APPROVAL

FFLs, WHERE SHOWN, ARE PRELIMINARY AND MAY BE SUBJECT TO DETAILED DESIGN CHANGES

THE INFORMATION ON THIS DRAWING IS FOR PLANNING PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE. IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO DETAILED DESIGN. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT SPECIALIST DRAWINGS AND REPORTS.

FFL's to plots adjacent to watercourse to be set a minimum of 0.3m above the adjacent top of bank level. Final FFL's subject to detailed design

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SW DRAINAGE STRATEGY

Impermeable Area - 1,577ha
 Discharge Rate - 13.7l/s
 Storage Required = 1,356m³

Attenuation Pond to provide storage volume:
 Lowest bed level - 34.100
 Min top of bank - 35.600
 Top water level - 35.256 (100+40%, 480min winter storm)
 Freeboard - 0.344m

Discharge restricted to 13.7l/s via vortex flow control device fitted to outfall manhole:
 Design Flow - 13.7l/s
 Design Head - 1.20m

Surface water outfall to Golden Stream Watercourse, positioned upstream of the Draycott Road Culvert. Invert level interpolated from channel sections survey. TBC via detailed topographic survey. Outfall subject to Environment Agency permissions and approvals.

Foul drainage to outfall to existing 2250 STW combined sewer via a new manhole constructed between manholes ref. Ex 3401 and Ex 4401.

Health and safety symbols refer to reference numbers indicated on Designers Risk Assessment number: 25018-BMC-25-XX-HS-C-0001

- Health & Safety Information Key**
- Used to provide design specific safety information that may not be obvious to a competent contractor but may be useful
 - Used to restrict/prevent a possible action, e.g. stop construction traffic from entering an area
 - Used to warn of significant design hazards, adding recommendations
 - Used to encourage a positive action, e.g. use of robust protection for inspection chambers

P01	19.11.25	First Issue for Approval	CSM	BRM
Rev	Date	Amendments	By	Chk

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Client: PEVERIL HOMES

Project: DRAYCOTT ROAD BREASTON

Drawing Title: DRAINAGE STRATEGY

Status: PRELIMINARY

Scale	Drawn	Checked	Date
1:500 @ A1	CSM	BRM	19.11.25

Drawing Number	Revision
25018-BMC-25-XX-DR-C-2000	P01

Scale Bar
 1500
 0 10 20 30 40 50 60 70 80 90 100
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