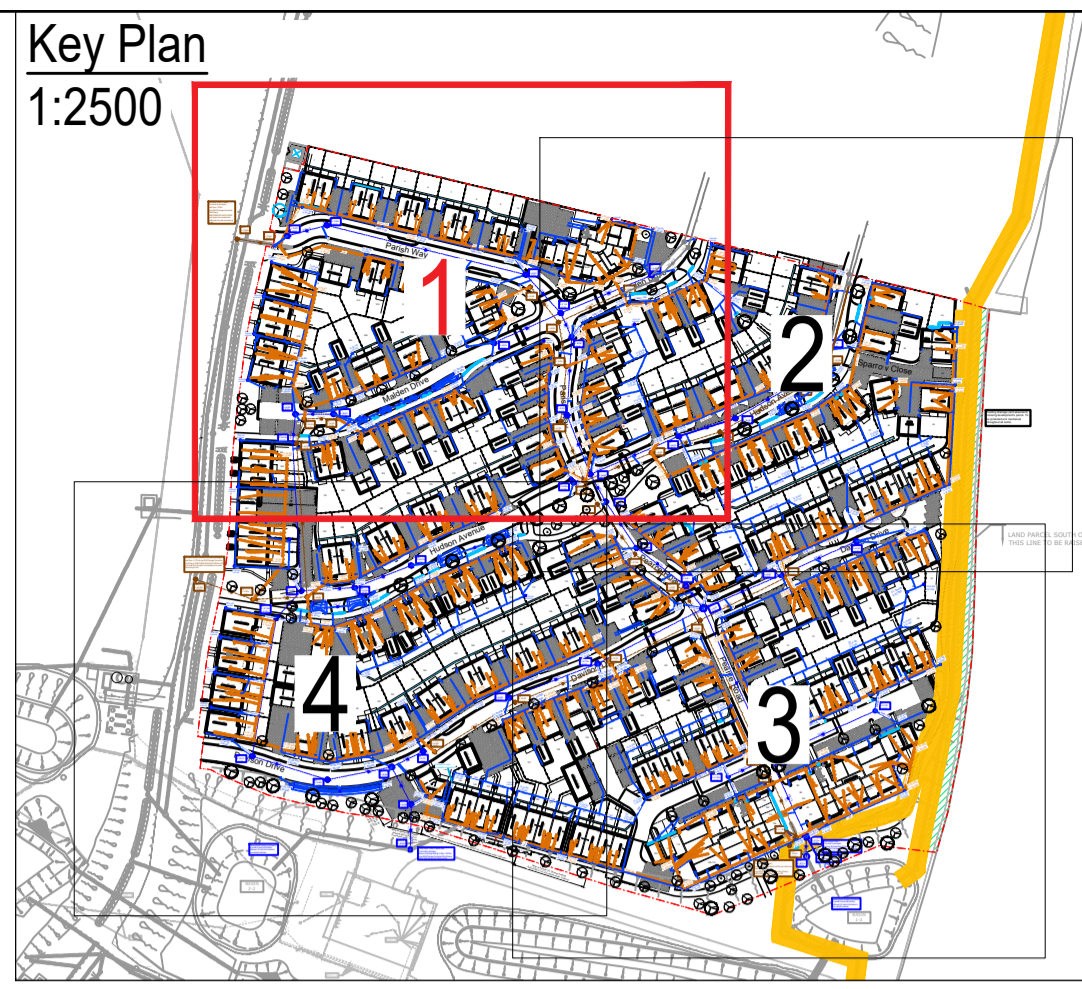


The surface water design is subject to approval by the LLFA. The strategic surface water sewers could be subject to change until LLFA approval has been granted. In particular the outfall locations and types. The LLFA may insist on flow control devices, weir walls and other features which remains uncertain until approval is granted. RSK to be consulted as build sequence progresses in order to minimise disruption and abortive works.

Foul Water Outfall 1 (Lateral)
(To be built by developer)
Peak Flow = 0.93m³/s
As per IEM Drainage Connection
Plan Drawing
655837-MLM-ZZ-XX-DR-C-05247
Invert levels to be checked and
verified prior to works commencing
on site.



Drainage Legend

- Site Boundary
- Existing Surface Water Sewer
- 1500 1:100 Proposed Adoptable Standard Surface Water Sewer and Manhole
- 1500 1:100 Proposed Private Surface Water Drain and Inspection Chamber
- CP Proposed Catchpit Manhole
- Perforated Pipe Positive Link Under Paved Areas
- Proposed Rodding Eye
- Proposed Gully and Connection
- Proposed Yard Gully
- Proposed Linear Drainage Channel
- Proposed Permeable Paving
- Existing Foul Water Sewer
- 1500 1:100 Proposed Adoptable Foul Water Sewer and Manhole
- Proposed Private Foul Water Drain and Inspection Chamber
- Proposed Private Foul Shallow Inspection Chamber
- ▨ Existing Easement
- ▨ Proposed Enhanced Roadside Swale
- ▨ Land Drainage
- ▨ Buffer Zone

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

- This drawing presents the site drainage layout for the proposed development at Parcel C, Whittington Way.
- This drawing is to be read in conjunction with all relevant Engineer's and Architect's drawings and specifications.
- This drawing is to be printed in COLOUR.
- For Drainage Construction Details refer to RSK drawing 4003-4005.
- Figures quoted next to manholes / rodding eyes are cover & invert level, in Metres AOD.
- Footpaths are to be laid with a crossfall to allow drainage to soft landscaped areas.
- This drawing is schematic for clarity, and where possible drains should be laid within 2m of houses, and connections kept as short as possible. Where possible all drainage runs shall be kept a minimum of 4.0m from any existing tree that is to be retained.
- This drawing has been prepared for House Drainage purposes only, and must not be used for House Setting Out.
- All drainage design is subject to technical approval, no connections shall be made to any public sewers without written consent from the drainage authority.
- The location of rain water pipes (RWP) are subject to confirmation by the Architect / Services Engineer.
- The location of soil vent pipes (SVP) / stub stacks (SS) is subject to confirmation by the Architect / Services Engineer.
- Where pipes pass under buildings, unless beam & block floors are used, they are to be surrounded in concrete.
- All rest bends associated with stub stacks, soil vent pipes, wc connections and stub wastes are to be set with their inverts at 450mm below Finished Floor Level (FFL).
- All drains and connections to be 100mm diameter, unless shown otherwise.
- All branch drains, or connections, are to discharge to the collectors obliquely, and in the direction of the main flow.
- All services should be laid below the permeable paving construction and coordinated around the proposed drainage on site. Where the service trench crosses the permeable paving the ducting will need to be sealed to ensure no excess of surface water runoff into the service ducting.
- All adoptable standard drainage to be constructed in conjunction with Design Construction Guidance document.
- For guidance on Types and distances of proposed trees away from adoptable sewers refer to Design Construction Guidance document.
- The general principal is for all RWPs where ever possible to discharge directly to the permeable paving driveways, with positive links in to the drainage network.
- For permeable paving invert level please refer to construction drawing number 4002, detail Private permeable paved driveways and parking - PDC2. Minimum depth below the finished levels is 810mm.

| Rev. | Date | Amendment | Drawn | Chkd. | Appd. |
|------|------------|---|-------|-------|-------|
| AS03 | 18.12.2023 | Plot 216 garage RWPs location amended. | AF | | AM |
| AS02 | 24.10.2023 | Layering issue amended to show SVP connections and chambers for plots 1-10. | AF | | AM |
| AS01 | 08.09.2023 | As built issue. | AF | | AM |

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Client
Bellway

Project Title
WHITTINGTON WAY, PARCEL C

Status
AS BUILT

Drawing Title
SITE DRAINAGE SHEET 1 OF 4

| | | | | | |
|-------------|------------|--------------|--------------------|------------|------------|
| Drawn | Date | Checked | Date | Approved | Date |
| EE | 01.10.2021 | SM | 01.10.2021 | SM | 01.10.2021 |
| Scale | 1:250 | Orig Size | A1 | Dimensions | Metres |
| Project No. | 134141 | Drawing File | BaseX - Levels.dwg | | |
| Drawing No. | 134141 | RSK | ZZ | XX | DR C |
| Project | Orig. | Vol./Sys. | Lev./Loc. | Type | Role |
| | | | | | Draw. No. |
| | | | | | Rev. |
| | | | | | AS03 |

Scale 1:250
0 2.5 5 7.5 10 12.5m

