

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:

1. This drawing is to be read in conjunction with all Architectural Drawings, Topographical Survey Drawing.
2. This drawing has been prepared Appraisal purposes only, and a detailed design must be carried out prior to construction.
3. Figures quoted next to manholes / rodding eyes are cover & invert level, in metres AOD.
4. Footpaths are to be laid with a crossfall to allow drainage to soft landscaped areas.
5. Where possible all drainage runs shall be kept a minimum of 4.0m from any existing tree that is to be retained.
6. All drainage design is subject to technical approval, no connections shall be made to any public sewers without written consent from the drainage authority.
7. The drawing is made up from PDF overlays which have been scaled and rotated to fit the topographical survey, RSK have no responsibility for the accuracy of the overlays.

Drainage Information:

Total discharge rate for the proposed development is 158.8l/s which is 0.8l/s (Greenfield Run-off).
Proposed pipe sizes and attenuation is based on 40% of the site area being impermeable (excluding large PDS areas).
Existing ditches to be de-silted and re-profiled where necessary.

Drainage Legend:

- Proposed foul water sewer and manhole
- Proposed surface water sewer and manhole
- Proposed foul water rising main
- Proposed foul water lateral and connection
- Proposed surface water lateral and connection
- Existing ditch/watercourse
- Diverted surface water sewer
- Proposed ditch for site critical overland flow
- Proposed sewer easement

P2	20.07.13	Drawing updated in accordance with latest site plan	MAR	CW	CB
P1	22.07.13	First issue	MAR	CW	CB
Rev.	Date	Amendment	Drawn	Chkd.	Appd.



Spring Lodge
172 Chester Road
Heston, W5 5AR
United Kingdom

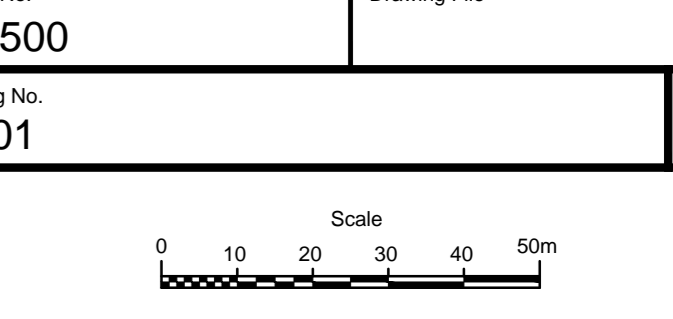
Tel: +44 (0) 1823 720008
Fax: +44 (0) 1823 725633
Email: info@risk.co.uk
Web: www.risk.co.uk

Client: **Barratt Homes**

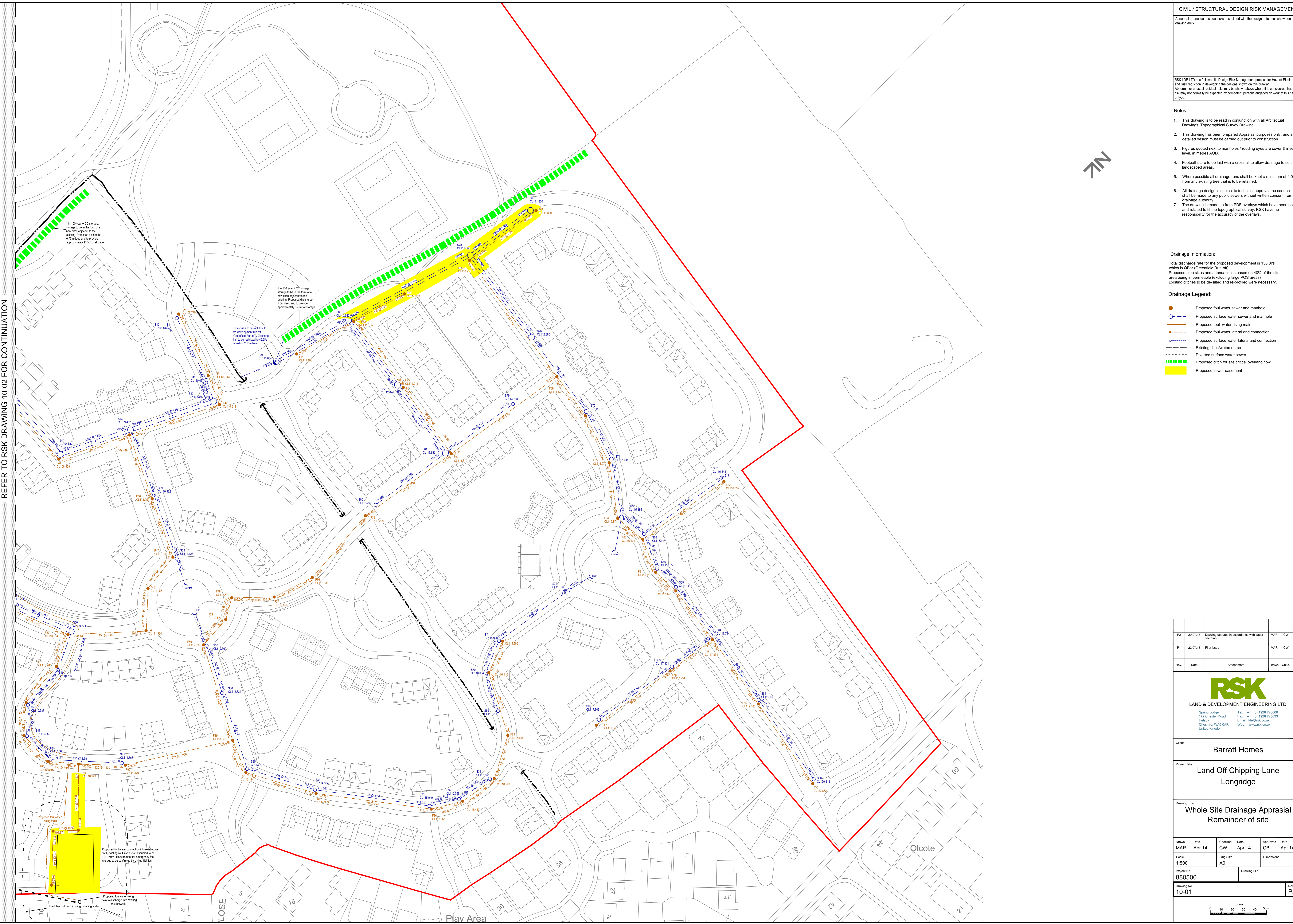
Project Title: **Land Off Chipping Lane Longridge**

Drawing Title: **Whole Site Drainage Appraisal Remainder of site**

Drawn	Date	Checked	Date	Approved	Date
MAR	Apr 14	CW	Apr 14	CB	Apr 14
Scale	1:500	Orig Size	A0	Dimensions	
Project No.	880500				
Drawing No.	10-01				
Rev.	P2				



REFER TO RSK DRAWING 10-02 FOR CONTINUATION



LOSE

Play Area