

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.

- Legend/**
- Development Boundary
 - Finished Floor Level
 - Proposed SW rodding eye & drain
 - Proposed SW inspection chamber and drain
 - Proposed FW mini access chamber
 - Proposed FW inspection chamber & drain
 - ACO Drainage Channel
 - Private Gully
 - Concrete Drainage Channel with Gully

Note/ The drainage works are subject to Technical Approval from United Utilities and may therefore change

Notes:

- This drawing is to be read in conjunction with all engineering drawings, standard details and specifications for this job.
- This drawing has been prepared for house drainage purposes only, and must not be used for house setting out.
- All drains and connections to be 100mm diameter, unless shown otherwise.
- 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 pipes pass under buildings, unless beam & block floors are used, they are to be surrounded in concrete.
- All trench drains, or connections, are to discharge to the collectors obliquely, and in the direction of the main flow.
- House levels are Finished Floor Levels (FFL's).
- Figures quoted next to inspection chambers / rodding eyes are invert levels, in metres AOD.
- Private footpaths are to be laid with a crossfall to allow drainage to soft landscaped areas.
- Where possible all drainage runs shall be kept a minimum of 4.0m from any existing tree that is to be retained.
- All drainage design is subject to technical approval, no connections shall be made to any public sewer without written consent from the drainage authority.
- The location of R/W P's and waste/S/V P's are subject to confirmation by the Architect / Services Engineer.

P6	08.08.22	Storage connections updated	DS	MS
P5	29.07.22	Updated to layout Rev A0	DS	MS
P4	31.05.22	Updated to Client comments	DS	MS
P3	25.05.22	Updated to layout Rev AL	MS	
P2	11.03.22	Updated to Client Comments	LOS	MS
P1	23.02.22	First Issue	LOS	MS
Rev.	Date	Amendment	Drawn	Chkd



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Kellen Homes

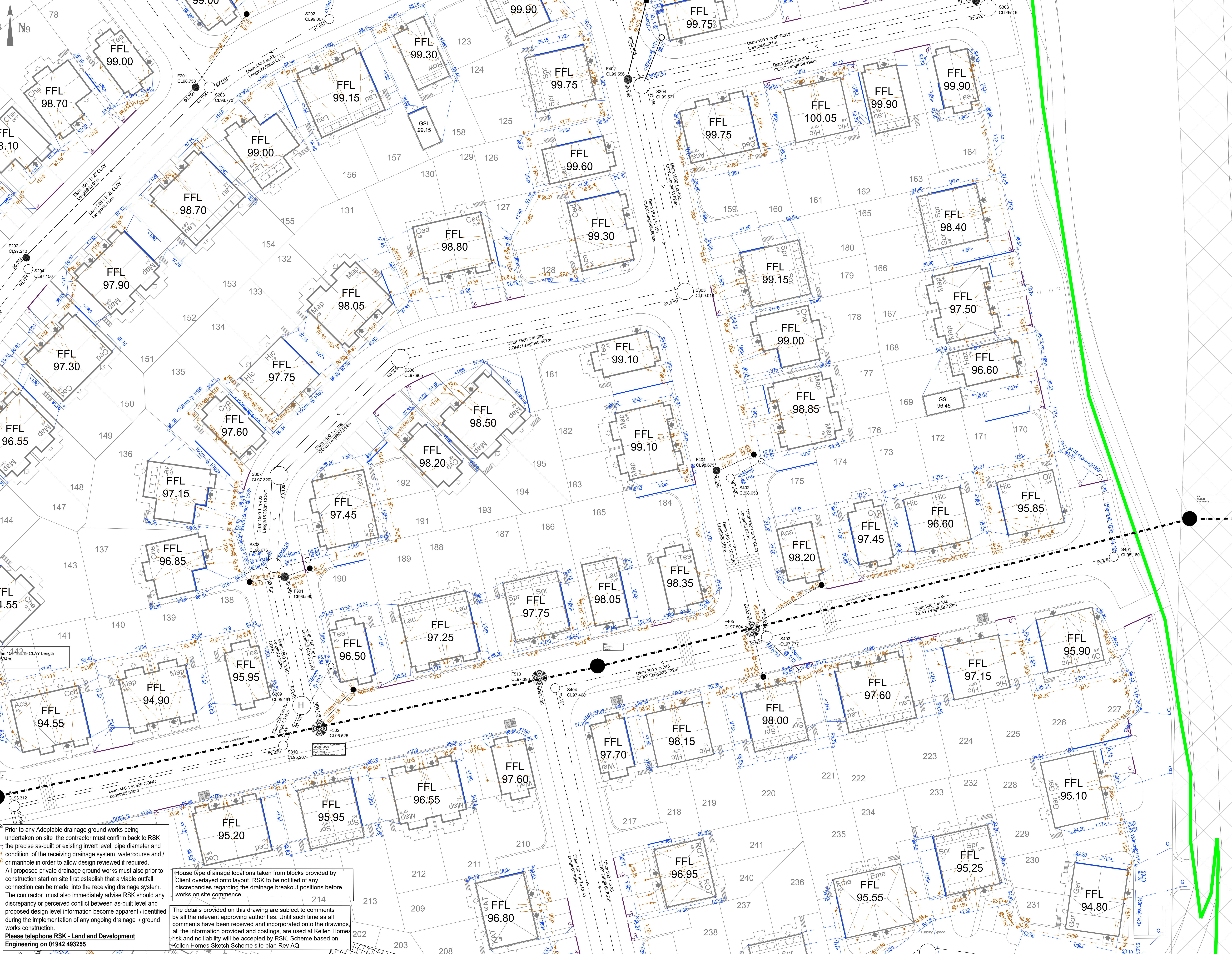
Don Street
Middleton

DETAILED DESIGN

Private Drainage
Sheet 4 of 5

Drawn	Date	Checked	Date	Approved	Date
LGS	JAN 22	MS	JAN 22		
Scale	1/200	Orig Size	A0	Dimensions	m
Project No.	882333	Drawing File			
Drawing No.	40-23-04				
					Rev. P6

Scale 1:200
0 2 4 6 8 10m



Prior to any Adoptable drainage ground works being undertaken on site the contractor must confirm back to RSK the precise as-built or existing invert level, pipe diameter and condition of the receiving drainage system, watercourse and / or manhole in order to allow design reviewed if required. All proposed private drainage ground works must also prior to construction start on site first establish that a viable outfall connection can be made into the receiving drainage system. The contractor must also immediately advise RSK should any discrepancy or perceived conflict between as-built level and proposed design level information become apparent / identified during the implementation of any ongoing drainage / ground works construction. Please telephone RSK - Land and Development Engineering on 01942 493255

House type drainage locations taken from blocks provided by Client overlaid onto layout. RSK to be notified of any discrepancies regarding the drainage breakout positions before works on site commence.

The details provided on this drawing are subject to comments by all the relevant approving authorities. Until such time as all comments have been received and incorporated onto the drawings, all the information provided and costings, are used at Kellen Homes risk and no liability will be accepted by RSK. Scheme based on Kellen Homes Sketch Scheme site plan Rev A0