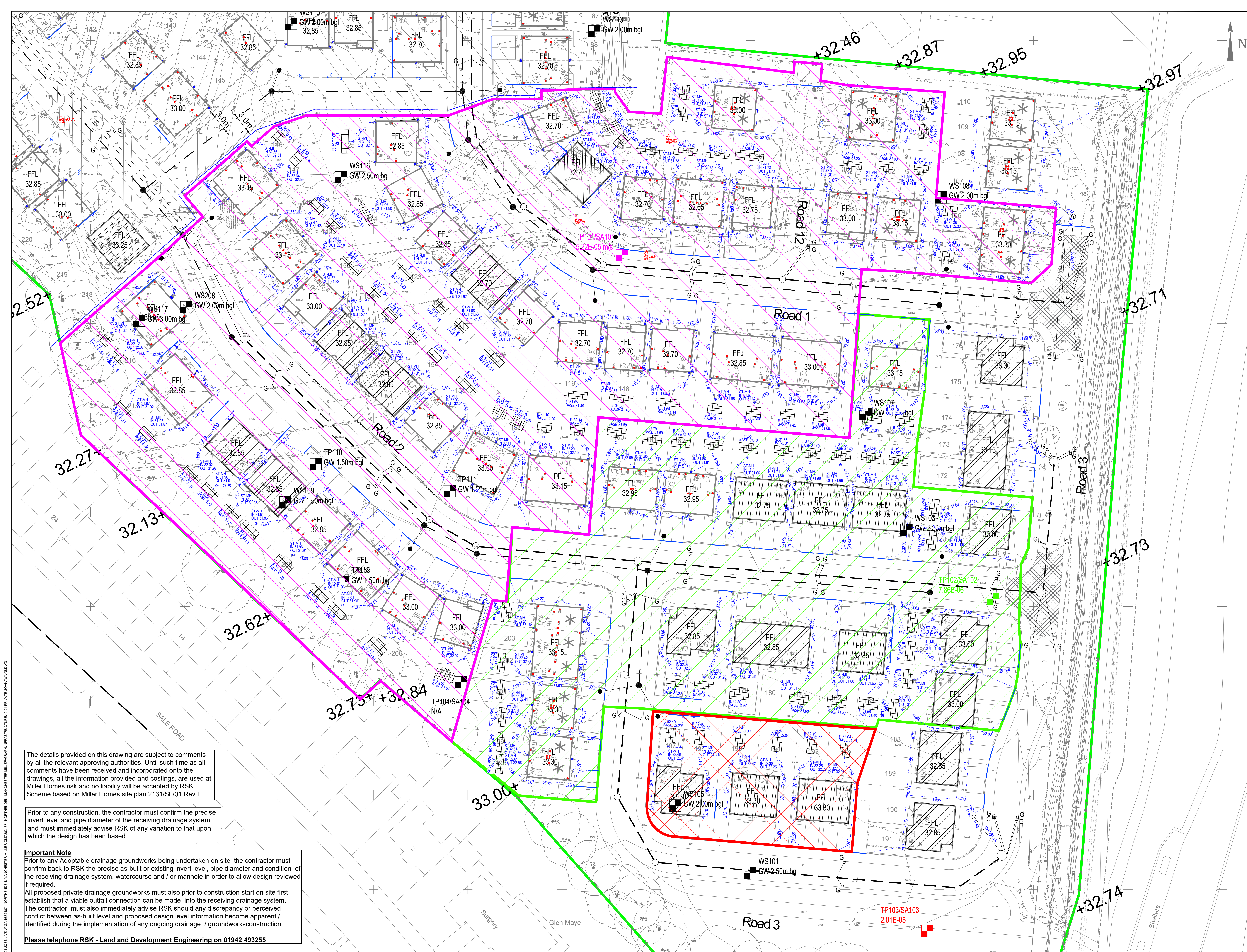




CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

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 engineering drawings, standard details and specifications for this job.

2. This drawing has been prepared for house drainage purposes only, and must not be used for house setting out.

3. All drains and connections to be 100mm diameter, unless shown otherwise.

4. This drawing is schematic for clarity, and where possible drains should be laid within 2m of houses, and connections kept as short as possible.

5. Where pipes pass under buildings, unless beam & block floors are used, they are to be surrounded in concrete.

6. All branch drains, or connections, are to discharge to the collectors obliquely, and in the direction of the main flow.

7. House levels are Finished Floor Levels (FFL's).

8. Figures quoted next to inspection chambers / rodding eyes are invert levels, in metres AOD.

9. Private footpaths are to be laid with a crossfall to allow drainage to soft landscaped areas.

10. Where possible all drainage runs shall be kept a minimum of 4.0m from any existing tree that is to be retained.

11. All drainage design is subject to technical approval, no connections shall be made to any public sewer without written consent from the drainage authority.

12. The location of R.W.P's and waste S.V.P's are subject to confirmation by the Architect / Services Engineer.

13. Any inspection chamber in landscaped area to have an A15 cover.

14. Any inspection chamber in hardstanding area to have a B125 cover.

Drainage Legend:

Proposed SW rodding eye & drain

Proposed SW inspection chamber to be 450mm dia

Polystyrene Lite Cells (PSM2) geo-cellular infiltration system with 4500 advanced silt trap (or similar/ other manufacturers are available) 1 segment = 0.5m² (1 grate)

ACO Drainage Channel

Private Gully

Dish Channel (water to drain to soft landscaping)

Soakaways design and sizes in this area are influenced by TP103/SA103 that recorded an infiltration of 2.01E-05m/s

Soakaways design and sizes in this area are influenced by TP102/SA102 that recorded an infiltration of 7.86E-06m/s

Soakaways design and sizes in this area are influenced by TP101/SA101 that recorded an infiltration of 5.22E-05m/s

Proposed Adoptable foul water sewer and manhole

Proposed watercourse diversion route

Proposed highway drain

No Drainage pickup points for the hatched areas

Private Plot soakway sizes based on 1in30 year storm event without surcharging

P1	26.11.21	First Issue		AP	MAR
Rev.	Date	Amendment	Drawn	CHKD	Appd

RSK

LAND & DEVELOPMENT ENGINEERING LTD

Spring Lodge
112 Chester Road
Hesley
Cheshire, W40 6AR
United Kingdom

Tel: +44 (0) 1928 726006
Fax: +44 (0) 1928 726033
Email: info@rsk.co.uk
Web: www.rsk.co.uk

Client

millermhomes

Project Title

Northenden
Manchester

Status

INFORMATION

Drawing Title

Private Soakaways

Drawn

AP

Date

Nov 21

Checked

MAR

Date

Nov 21

Approved

Date

Scale

1:250

Orig Size

A0

Dimensions

mm

Project No

882187

Drawing No

40-24-01

Drawing File

Rev

P1

Please see 40-22-02 for continuation

Scale 1:250

0 2.5 5 7.5 10 12.5m