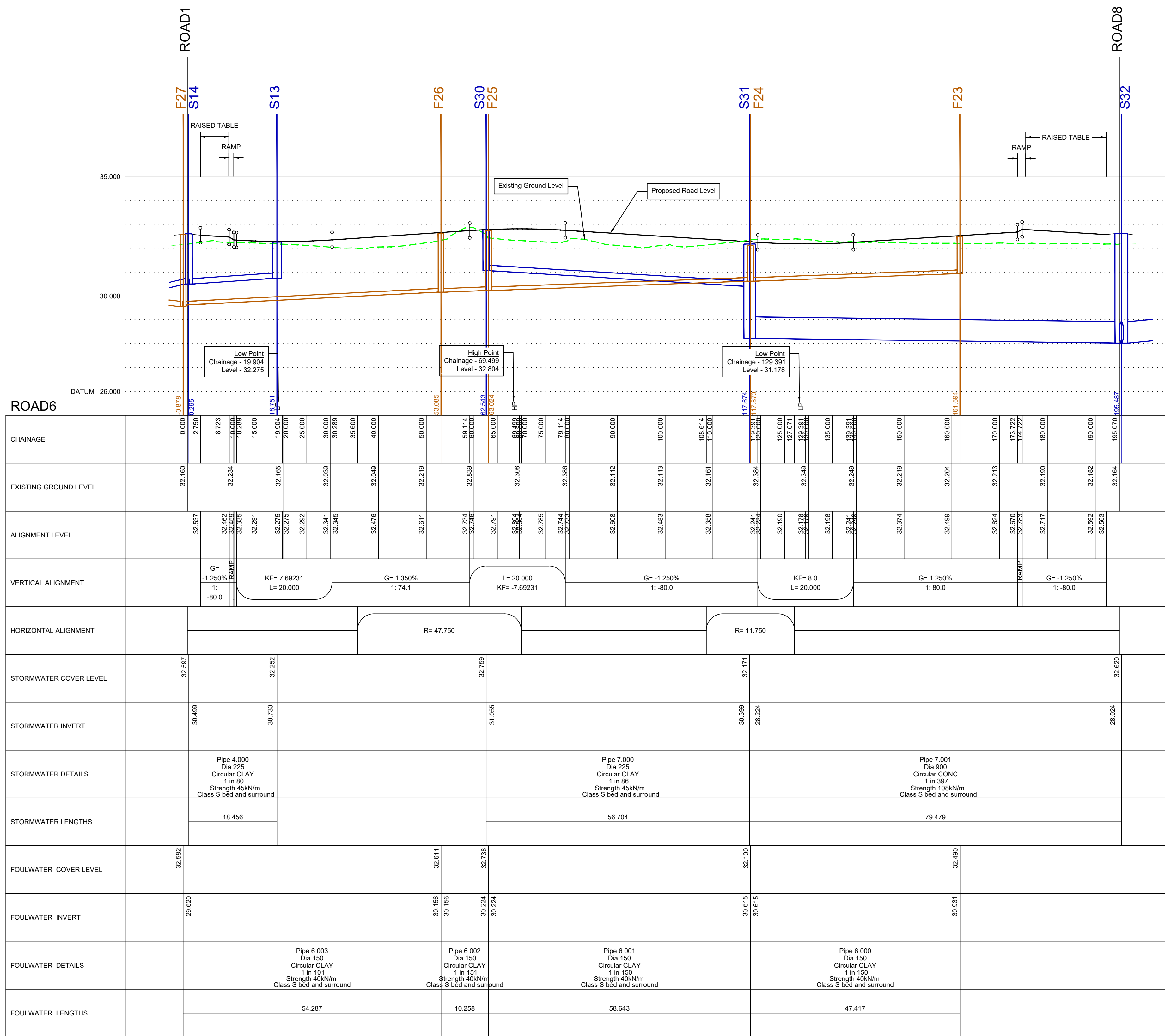


Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

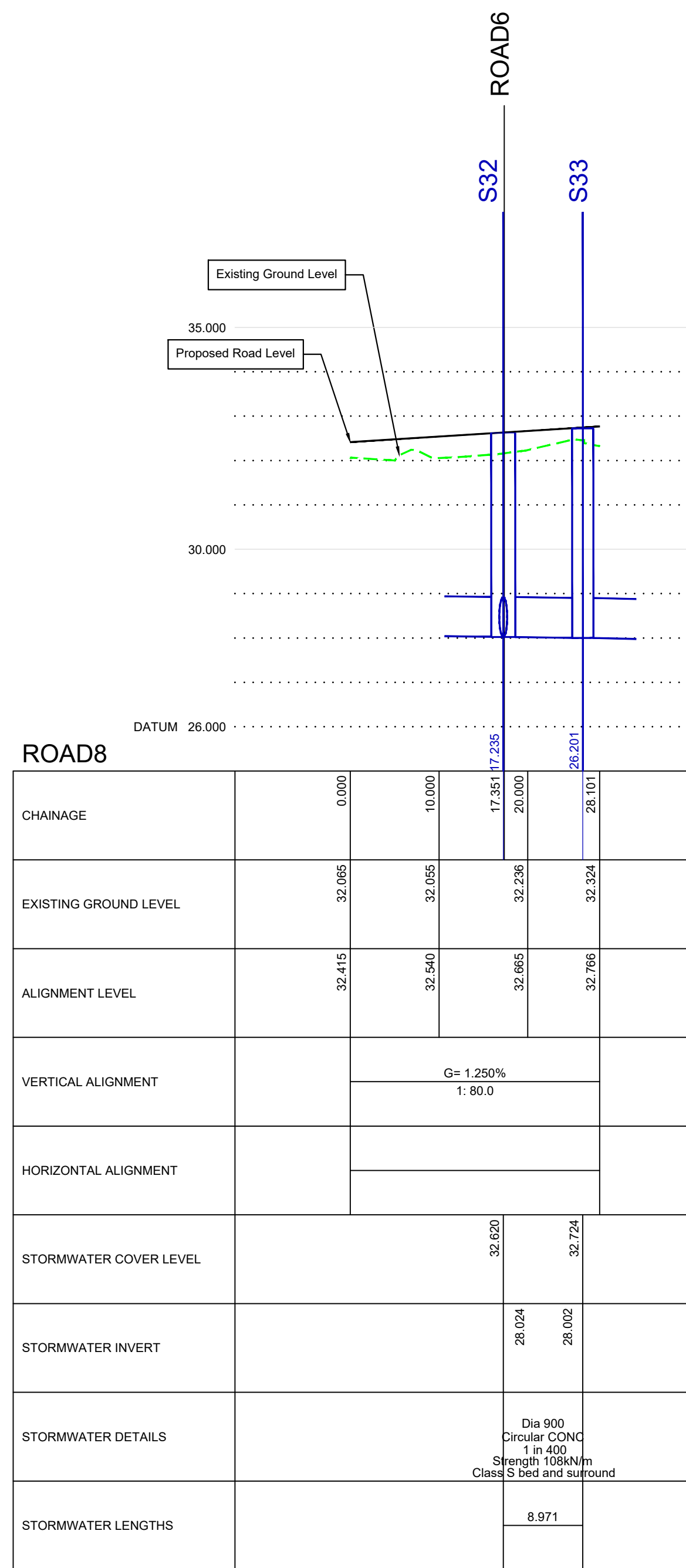
RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.  
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged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

Notes

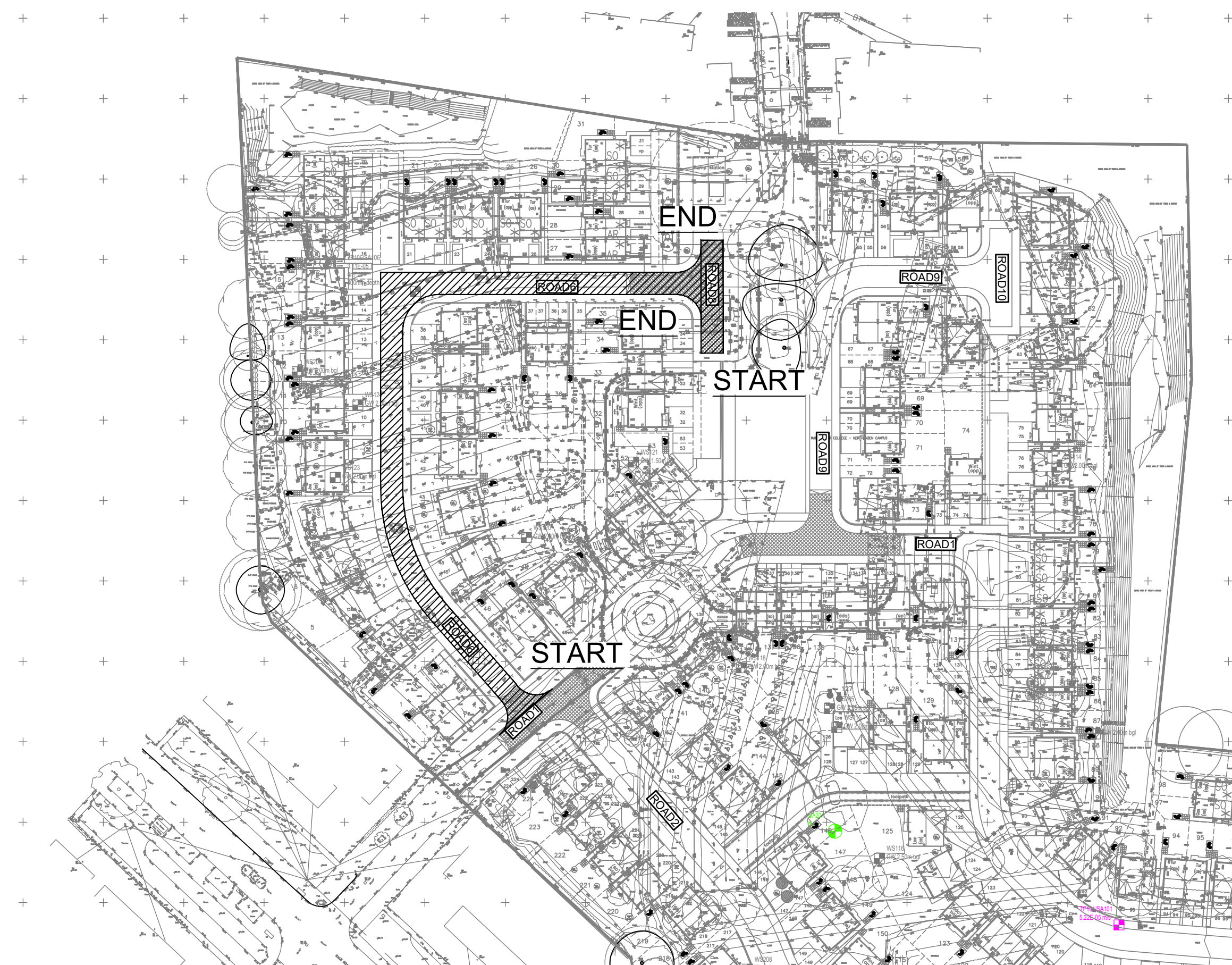
- This drawing is to be read in conjunction with the standard details, the layouts, schedules and specifications for the development.
- A +1% gradient represents a rise of 1m in 100m.
- Left and right hand channels are on the left and right hand side respectively, when standing at zero chainage and looking along the road.
- Pipe sizes are stated in millimetres and levels are shown in metres A.O.D.
- All pipes to have flexible joints with granular bedding (Class S) unless stated otherwise. Where 150mm concrete bed and surround is specified the concrete must be broken at the joint positions by the insertion of a 'flexcell' collar.
- Connections to existing sewers are to be SOFFIT TO SOFFIT Unless noted otherwise.
- All vitrified clay pipes to be EXTRA STRENGTH to B.S. 65. 1991.
- Existing levels to be confirmed on site prior to commencement of works.
- All concrete pipes to be CLASS 'M'.
- Refer to adoptable drainage notes on RSK drawing 40-01 for further information.
- 150mm Concrete Surround required on pipes with less than 1.2m cover
- All connections to be soffit to soffit



ROAD 6  
Scale: 1:500 Horizontal  
1:100 Vertical



ROAD 8  
Scale: 1:500 Horizontal  
1:100 Vertical



Road Number Location  
Plan  
Scale 1:1000

| Rev. | Date     | Amendment                                                                                                        | Drawn | CHKD | Appd |
|------|----------|------------------------------------------------------------------------------------------------------------------|-------|------|------|
| P7   | 18.05.23 | Updated to suit Phase 2 re-design                                                                                |       | LOS  | MAR  |
| P6   | 03.04.23 | Revised to new planning layout Rev 5                                                                             |       | PO   | AP   |
| P5   | 04.11.22 | Manhole S15A added to the design                                                                                 |       | AP   |      |
| P4   | 12.08.22 | Revised following the addition of impermeable areas, data S14-S15, 146-148 and S14-S17 added to adoptable system |       | AP   | MAR  |
| P3   | 03.05.22 | Revised to new planning layout Rev L                                                                             |       | AP   | MAR  |
| P2   | 28.11.21 | Revised following comments from client                                                                           |       | AP   | MAR  |
| P1   | 22.10.21 | First Issue                                                                                                      |       | AP   | MAR  |

**RSK**  
LAND & DEVELOPMENT ENGINEERING LTD  
Spring Lodge  
112 Chester Road  
Helsby  
Cheshire, W46 0AD  
United Kingdom  
Tel: +44 (0) 1928 726006  
Fax: +44 (0) 1928 726033  
Email: [info@rsk.co.uk](mailto:info@rsk.co.uk)  
Web: [www.rsk.co.uk](http://www.rsk.co.uk)

**Client**  
**millershomes**

**Project Title**  
Northenden  
Manchester

**Status**  
**DETAILED DESIGN**

**Drawing Title**  
Longitudinal Sections  
Sheet 4 of 4

|       |        |         |        |          |      |
|-------|--------|---------|--------|----------|------|
| Drawn | Date   | Checked | Date   | Approved | Date |
| AP    | Oct 21 | MAR     | Oct 21 |          |      |

|                 |           |            |
|-----------------|-----------|------------|
| Scale           | Orig Size | Dimensions |
| H=1:500 V=1:100 | A0        | m          |

|             |              |
|-------------|--------------|
| Project No: | Drawing File |
| 882187      |              |

|             |      |
|-------------|------|
| Drawing No: | Rev. |
| 40-02-04    | P7   |

Scale 1:500  
0 5 10 15 20 25m