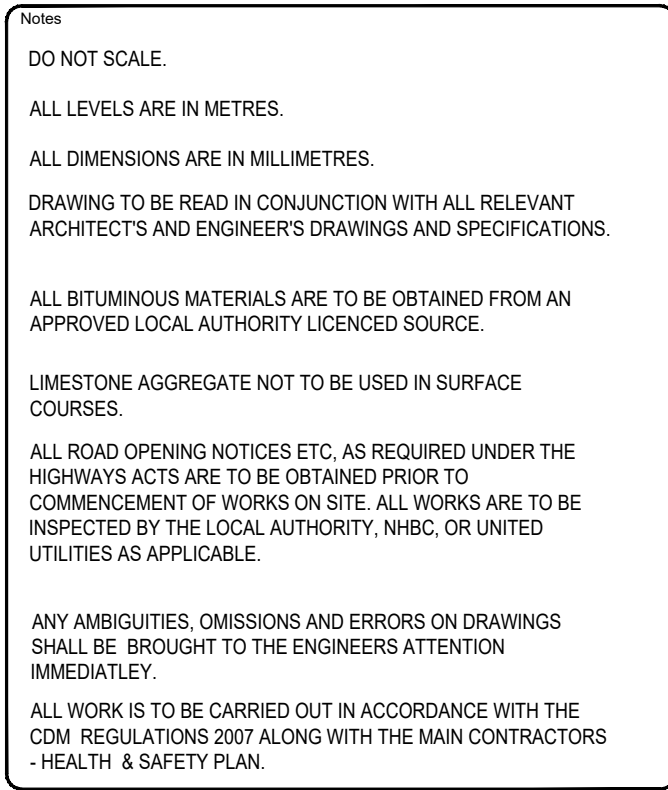




ROCKER PIPES TO BE INSTALLED AT EACH ENTRY POINT INTO MANHOLE CHAMBER.
ROCKER PIPES TO BE IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAILS

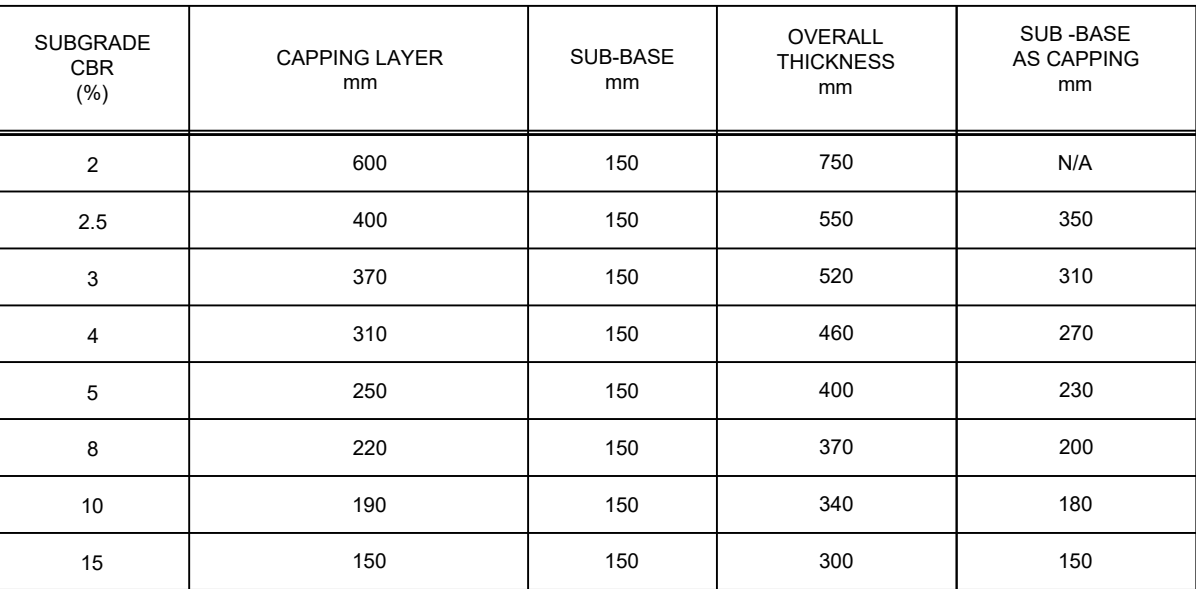
Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

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.

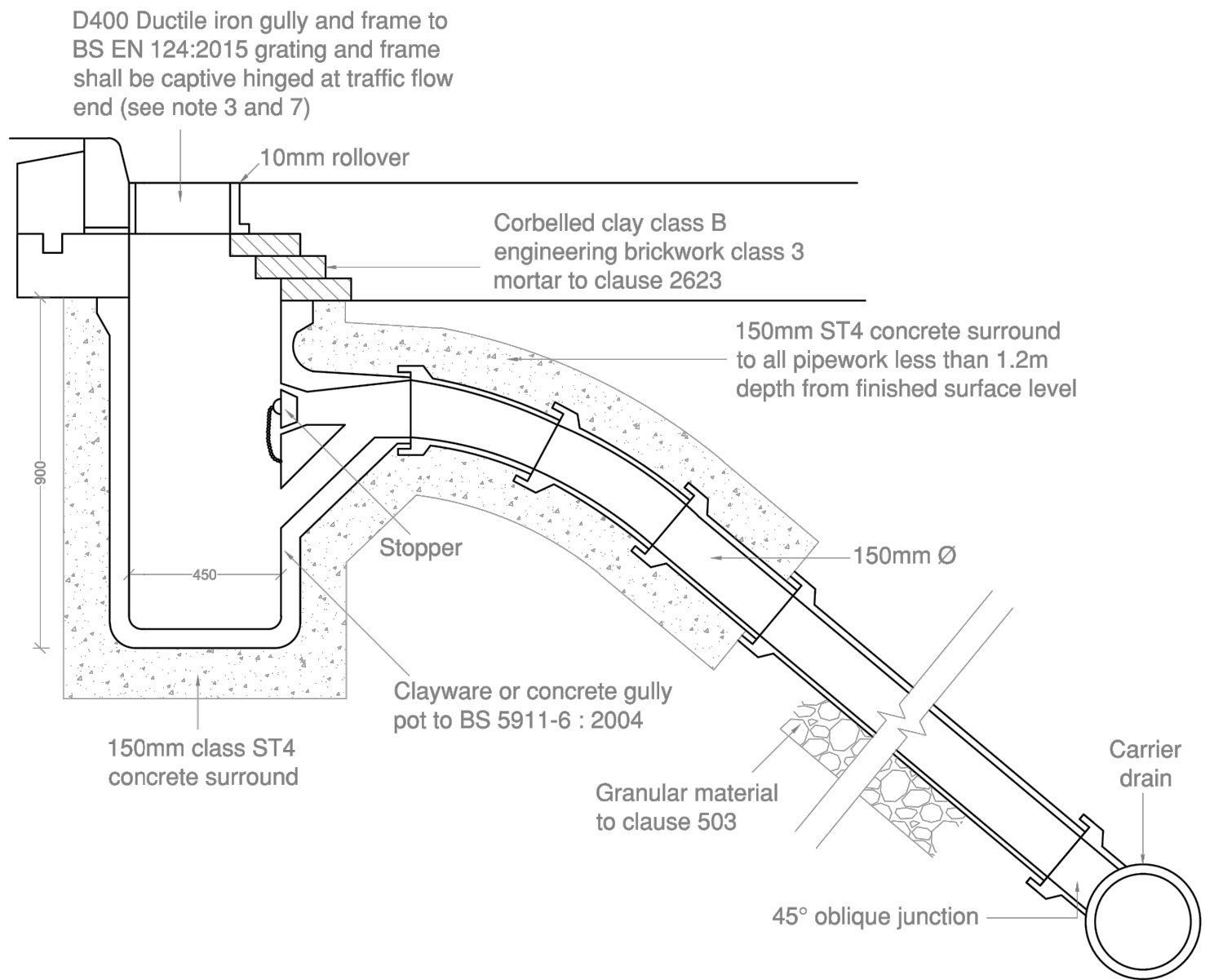
Notes

1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings.
2. All levels quoted are in metres A.O.D.
3. Concrete surround to chambers is shown indicatively for completeness. The Contractor shall satisfy himself that ground conditions at each manhole location are suitable such that the concrete surround is not required. RSK bears no responsibility for the Contractor's assessment of ground conditions.



Notes: The Table is based on Figure 3.1 of the Design Manual for Roads and Bridges - Volume 7 Section 2 Part 2 and is for guidance purposes only. CBR tests will be required on top of the sub base layer and a minimum value of 30% must be achieved at each test location. Kerb face normally 125mm Gully Grate and Frame to be set 5-6mm below adjacent carriageway Overbreak in excavation for gully to be backfilled with concrete
garde ST4 All Concrete bed and backing to comply with BS:8500 and BE EN 206-1 Kerbs to be hydraulically pressed to BS 340 Street lighting shall be provided in accordance with Manchester City Council's requirements. Formwork to be used for all vertical faces of concrete.

CROSS SECTION OF 5.5m WIDTH MINOR RESIDENTIAL ROAD



NOTES:

1. Gully: all to clause 508
 - a. Standard gully pot of 95 litres capacity (450mm Ø)
 - b. Small gully pot to be 50 litres capacity (375mm Ø)
2. Maximum trench width for 150mm gully lead IS 600mm
3. Clause numbers refer to dept. of transport specification for highway works amended as appropriate
4. Number of bends may vary due to site differences
5. Concrete to comply with clause 2602 table 26/1
6. Concrete surround to pipes shall always finish at a joint
7. Gully gratings - standard detail D47

Client

miller homes

Project Title

Northenden
Manchester

Status **DETAILED DESIGN**

Drawing Title

Road Construction Details
Sheet 1 of 3

Drawn	Date	Checked	Date	Approved	Date
AP	OCT '21	MAR	OCT '21		
Scale		Orig Size		Dimensions	
NTS		A1		m	
Project No.			Drawing File		
882187					
Drawing No.					Rev.
40-20-01					P8

