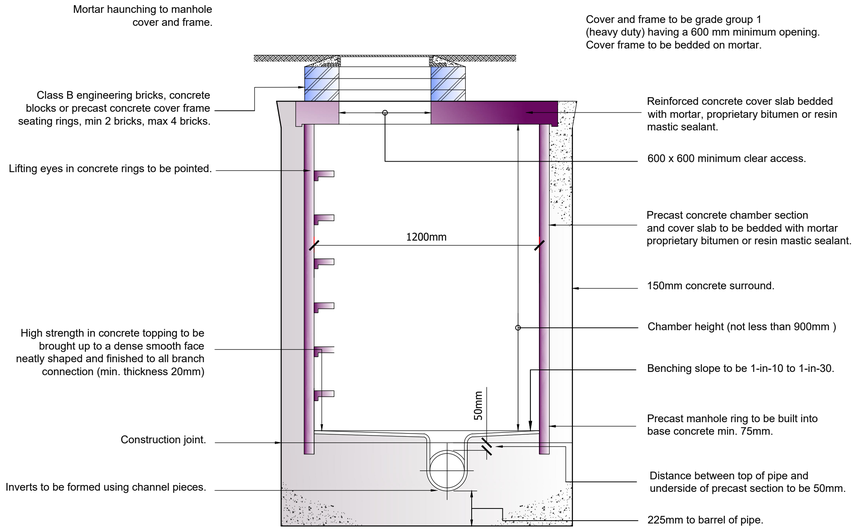
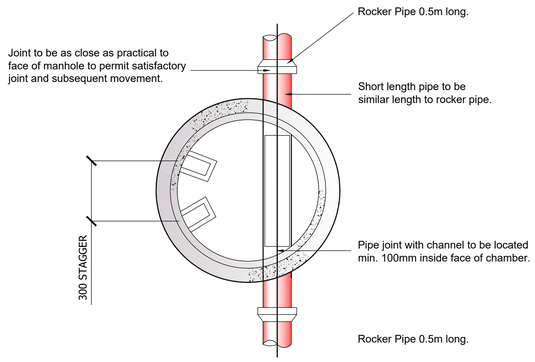
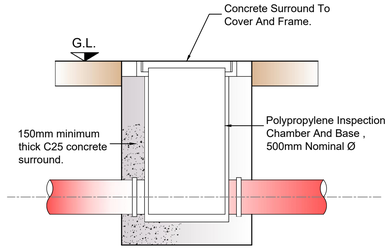


Typical Manhole Detail Scale 1 : 20



Plan On Man Hole Chamber NTS

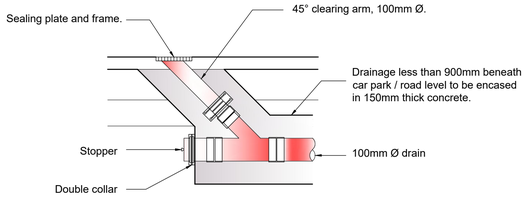


Polypropylene Inspection Chamber Scale 1 : 20

NOTE: For depths to invert more than 1.2m refer to manufacturers special chambers, e.g. telescopic chamber by Wavin (depth up to 3m)

Notes

1. This drawing is to be read together with all other relevant design information.
2. Engineer should be informed PRIOR to construction on site if there is any conflict between the details indicated on this drawing and those shown on other drawings the.
3. All drawings issued are deemed to have Preliminary status and NOT for construction until from the relevant Authority technical approval has been obtained. Commencement of site work before such approval obtained is entirely at contractor's risk.
4. All dimensions are in millimetres unless otherwise stated.
5. It is responsibility of the Contractor to check all tie-ins for line and level with existing prior to commencement of any works. In case any errors be found The Engineer should be notified immediately in writing.
8. The positions of rainwater pipes and soil & vent pipes, etc on this drawing are understood to be indicative. Please refer to current Architects Plans' for location(s). All rainwater and soil and vent pipes to have rodding access.
9. All private drainage to be constructed in compliance with Building Regulations Part H.
10. All private sewers/drains to be 100 mm diameter except, unless noted otherwise.
11. Refer to Building Regulations Part 'H' for details for pipes running through walls and pipe runs in proximity of buildings.
12. All workmanship is to comply with current British Standards.
13. The layout of pipelines, manholes etc. is designed for the permanent case only. Additional loads over & above those designed during construction work are not taken into account in design. The Contractor is responsible for any necessary temporary protection to ensure that drainage elements are not damaged during construction.
14. Pipe gradients should not be used for setting out purposes (as they are approximate only).
15. Internal drainage is shown as indicative only. Please see architects or M&E engineers drawings for in-house connections.
16. Soakaways to be a min of 5 metres away from structures.
17. cover Levels to be adjusted to final surface levels.
18. Pipes to connect soffit to soffit in Manholes, except control chamber and Aco systems.
19. Positions of chambers/manholes TBC with Architect's layout.
20. When concrete slab in traffic areas to be broken in order to install sewers - the reinforced concrete slab to be reinstated, in such a way, that sewers are protected from vehicular impact.
21. Drawing prepared based on information available to date - subject to change where more information becomes available (e.g but not limited to planning approval)



Rodding Eye Detail Scale 1 : 20

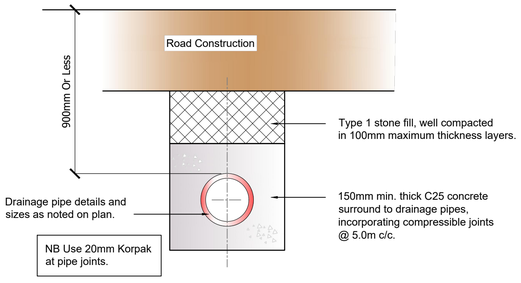
Bedding Details To Pipes Scale 1 : 20
More Than 900mm Below Finished Level

CLASS S

Section Through Drainage Field Pipe

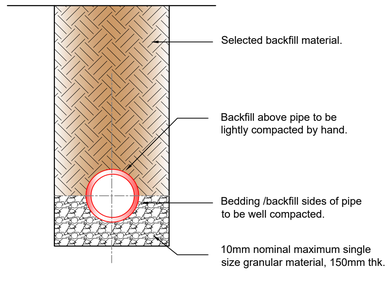
Scale 1 : 10

PRELIMINARY

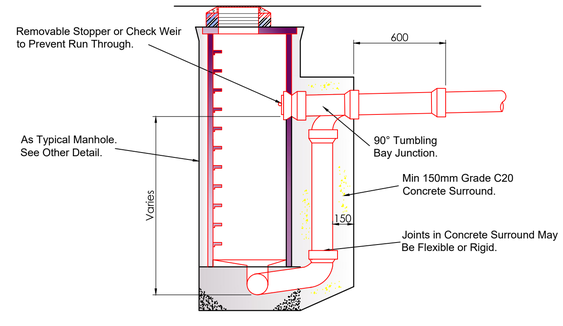


Bedding Details To Pipes Scale 1 : 20
Less Than 900mm Below Finished Level

CLASS Z



Bedding Details To Pipes Scale 1 : 20
In Grassed / None Traffic Areas



Typical Backdrop Manhole Detail Scale 1 : 20

Rev.	Revision Description	Drn			Date

AJS STRUCTURAL DESIGN

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The Lodge, Mill Road
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Title:
Drainage Details

Drawn by:	Date:	Index No.:
JGL	Jun '19	

Scales: As Shown Paper Size A1

Drawing No: A4114 - 111

Revision: P0