Notes.

1. Gravity sewers shall be constructed to the satisfaction of AWIN and in accordance with Appendix C of the SSG publication "Design and Construction Guidance".
2. Pressurised sewers and Pumping stations shall be constructed to the satisfaction of AWIN and in accordance with Appendix C of the SSG publication "Design and Construction Guidance".
3. At least one week prior to commencement of the drainage works, the contractor shall check the invert level of the existing sewers. If there are any discrepancies with the invert levels shown the engineer shall be contacted immediately.
4. All pipes shall be laid with soffits level, unless otherwise specified.
5. Tree / shrub planting adjacent to public (or prospective public) sewers shall conform to restrictions outlined in Appendix C, Section B5 of the Design and Construction Guidance.
6. Redundant sewers to be dug out or grouted and manholes broken down and the void filled.
7. All pipes to be laid with class 'S' bed and surround unless stated otherwise.
8. All pipes with less than 1.2m cover depth in carriageways and 0.9m cover depth in landscaped areas shall be protected by a 150mm thick concrete protective cover slab.
9. Infill covers and frames on block paved areas must NOT be used.
10. Catchpits will NOT be adopted.
11. Easements at any change in width, these should be 2.5m to either side of the pipe for pipe size up to 300mm diam. And 5m each side of the center pipeline for pipes 300mm dia or greater.
12. Where pipe crossing, plastic membrane to be used for protection to eliminate any chances of cross contamination.
13. All manhole covers to be 675 x 675mm cover and frame to maintain 600x600mm clear opening to comply with AWIN's current Health and Safety Standards and in accordance with BS EN 124 Class D400 and embossed FW or SW as appropriate, where applicable. Covers and frames to be Kitemarked.
14. Precast concrete manhole rings will not be cut under any circumstances. Other options, manhole built up with concrete or brick work to the top of the pipe.
15. Protective concrete cover slabs to be used on pipes in non-trafficked areas that do not achieve 900mm cover level and 1200mm cover in trafficked areas.
16. Materials to be used must be suitable for the ground conditions.
17. No backdrops to be used, steeper gradients are preferred to the use of backdrops.
18. For Type E manholes the opening cover and frame should be located centrally over the pipe.
19. The outside of the sewer should be in vehicle carriageway (not footpath) and be at least 1m from the kerb line. The outside manholes should be at least 0.5m from the kerb line.
20. In situations where traffic loading is anticipated to be heavier than would occur on a typical residential estate distributor road (i.e braking or turning near a junction) a higher specification cover (E600) should be used.
21. All materials are to be BS kite marked
22. A protective geotextile/plastic membrane should be applied to all foul sewers that are laid above storm sewers
23. A Section 106 Connection Application should be made and approved prior to any physical connections to the existing network being made (both storm and foul)
24. A S106 application must be made for connections to existing STW manholes. Contractor to make the application.
25. In the event of the use of plastic pipes, the certification confirming jetting, pressure must be submitted to AWIN

KEY

- Site boundary
- Surface water sewer and manhole to be adopted by AWIN
- Foul water sewer and manhole to be adopted by AWIN
- Foul water sewer and manhole to be adopted by AWIN
- Existing Surface Water Sewer
- AWIN's apparatus zone - no building works or planting are permitted

Revision.			
A	Pump station moved.	28.05.26	DM
B	Topo added	04.06.26	DM
C	Design revised to reduce fill required.	23.06.26	DM
D	S15 and F26 rerouted.	23.07.26	DM
E	Site layout updated. Rising min amended	14.08.26	DM

Proposed Development at Aston Flamville Road Burbage

S104 Layout

DATE: **29.04.2026**
SCALE: **1:500 @ A0**
DRAWN: **DM**
CHECKED: **--**

BLOOR HOMES

Drawing No. EM039-EN-100E