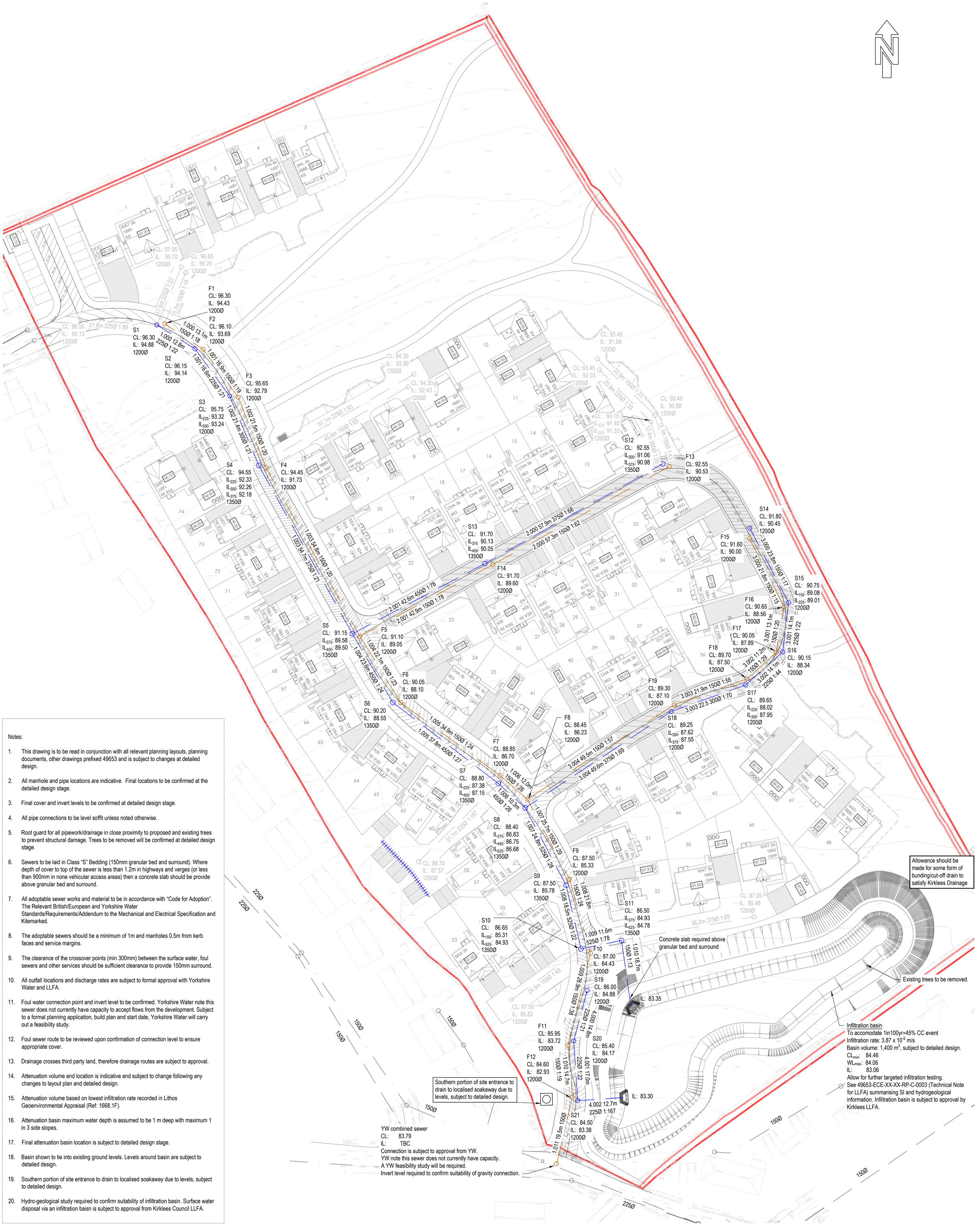


Notes:

1. This drawing is to be read in conjunction with all relevant planning layouts, planning documents, other drawings prefixed 49653 and is subject to changes at detailed design.
2. All manhole and pipe locations are indicative. Final locations to be confirmed at the detailed design stage.
3. Final cover and invert levels to be confirmed at detailed design stage.
4. All pipe connections to be level soffit unless noted otherwise.
5. Root guard for all pipework/drainage in close proximity to proposed and existing trees to prevent structural damage. Trees to be removed will be confirmed at detailed design stage.
6. Sewers to be laid in Class "S" Bedding (150mm granular bed and surround). Where depth of cover to top of the sewer is less than 1.2m in highways and verges (or less than 900mm in none vehicular access areas) then a concrete slab should be provide above granular bed and surround.
7. All adoptable sewer works and material to be in accordance with "Code for Adoption". The Relevant British/European and Yorkshire Water Standards/Requirements/Addendum to the Mechanical and Electrical Specification and Kitemarked.
8. The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb faces and service margins.
9. The clearance of the crossover points (min 300mm) between the surface water, foul sewers and other services should be sufficient clearance to provide 150mm surround.
10. All outfall locations and discharge rates are subject to formal approval with Yorkshire Water and LLFA.
11. Foul water connection point and invert level to be confirmed. Yorkshire Water note this sewer does not currently have capacity to accept flows from the development. Subject to a formal planning application, build plan and start date, Yorkshire Water will carry out a feasibility study.
12. Foul sewer route to be reviewed upon confirmation of connection level to ensure appropriate cover.
13. Drainage crosses third party land, therefore drainage routes are subject to approval.
14. Attenuation volume and location is indicative and subject to change following any changes to layout plan and detailed design.
15. Attenuation volume based on lowest infiltration rate recorded in Lithos Geoenvironmental Appraisal (Ref: 1668.1F).
16. Attenuation basin maximum water depth is assumed to be 1 m deep with maximum 1 in 3 side slopes.
17. Final attenuation basin location is subject to detailed design stage.
18. Basin shown to tie into existing ground levels. Levels around basin are subject to detailed design.
19. Southern portion of site entrance to drain to localised soakaway due to levels, subject to detailed design.
20. Hydro-geological study required to confirm suitability of infiltration basin. Surface water disposal via an infiltration baisn is subject to approval from Kirklees Council LLFA.

- Surface water drainage
- Linear drainage channel (ACO OSA)
- Infiltration basin
- Foul water drainage
- Existing combined water sewer (YW)
- Existing surface water sewer (YW)
- Foul water drainage included for feasibility check only. Drainage in these areas likely to be in plot drainage.
- Surface water drainage included for feasibility check only. Drainage in these areas likely to be in plot drainage.
- Mine shaft location with zone of influence.
- Ring soakaway

NOTES

APPROPRIATE TREATMENT TO MINESHAFTS/ADDITS ARE REQUIRED IN THE VICINITY OF THE INFILTRATION BASIN TO PREVENT DIRECT DISCHARGE

MANHOLES WITHIN ADOPTABLE HIGHWAYS WILL REQUIRE DESIGN CHECK CERTIFICATE ALONG WITH APPROPRIATE SITE INSPECTIONS/SIGN OFF.

DRAINAGE DESIGN WILL REQUIRE APPROVAL FROM KIRKLEES LLFA

ADDITIONAL SUD'S MEASURE COULD BE REQUIRED AS PART OF PLANNING APPROVAL

REV	DESCRIPTION	SIG	CHK	DATE
P01	First issue.	JSS	CH	23.10.2025
P02	Updated to suit latest site layout (Rev: F)	EL	JSS	13.11.2025
P03	Proposed SuDS features updated.	JSS	CH	26.11.2025
P04	Basin adjusted to accommodate additional mine entry surveyed features.	JSS	CH	05.06.2026
P05	Updated to suit latest site layout (Rec 23.06.2026).	JSS	GH	03.07.2026
P06	Revised to suit latest site layout.	RJ	CH	06.07.2026

BELLWAY HOMES LTD (YORKSHIRE)

WOODWARD COURT, MIRFIELD

DRAINAGE APPRAISAL

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ECE PROJECT No	SCALE AT A1	STATUS	SUITABLE FOR
49653	1:500	S0	Initial

DRAWING NUMBER: 49653 - ECE - XX - XX - DR - C - 0016 REV P06

Project - Originator - Zone - Level - Type - Role - Number