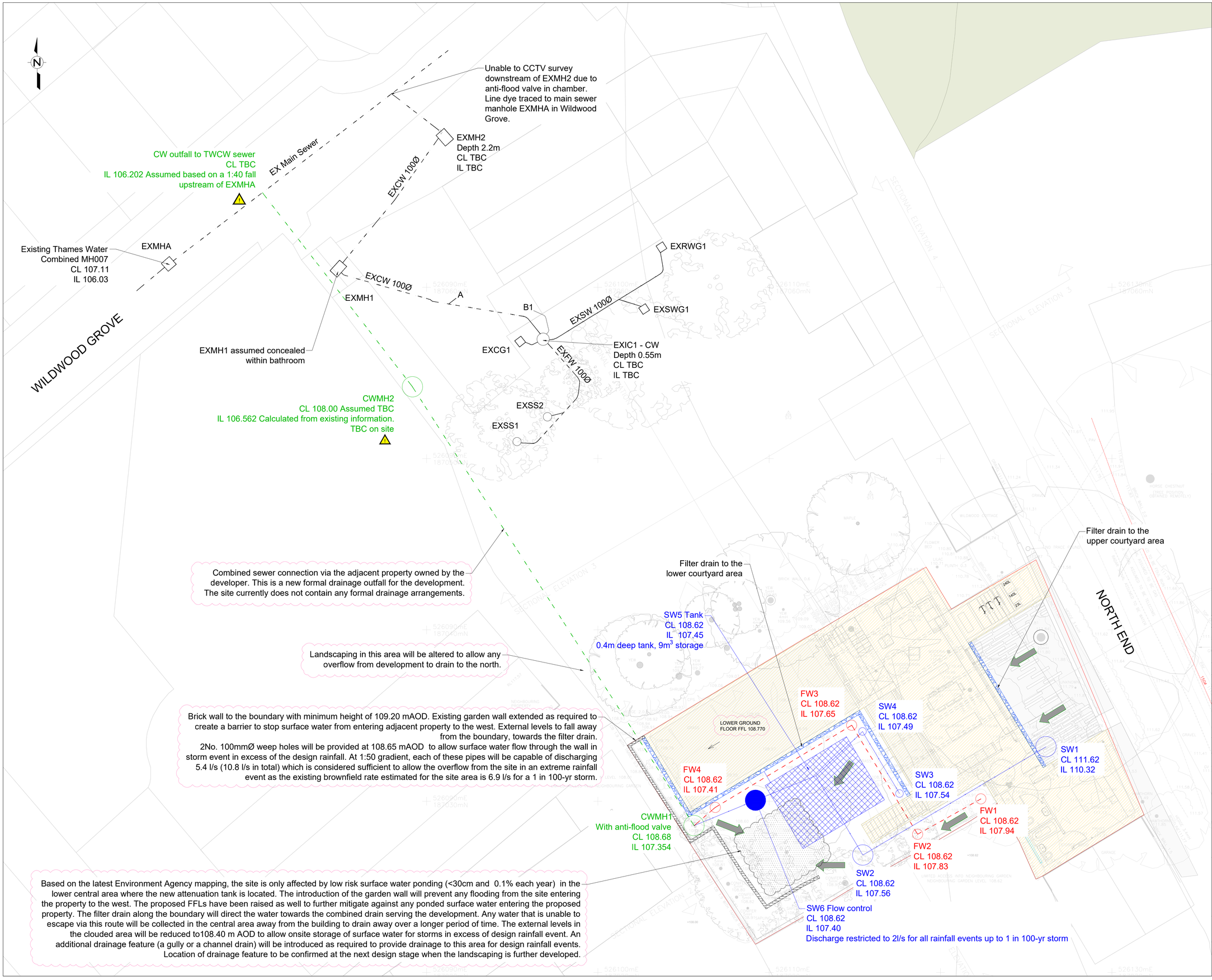

NOTES:

1. Dimensions must not be scaled from this drawing.
2. The topographical information was taken from EDI Surveys Ltd drawing number 17940/T/01-01 Rev A, dated May 2019.
3. Thames Water asset information was taken from asset record ref ALS/ALS Standard/2022_4737453, dated 20 October 2022.
4. The site layout was taken from Artefact Studio's drawing 111 Rev B for Upper Ground Floor and drawing 110 Rev B for Lower Ground Floor, both dated 03 December 2021.
5. CCTV information was taken from Intergrum Site Services Ltd report reference 1483, dated 26 July 2023.
6. The existing drainage network route for the Thames Water network was interpreted from asset records, topographical survey and CCTV survey.
7. The existing site layout areas were estimated from the topographical survey.
8. The information presented in this drawing is for planning purposes only.
9. Refer to the utilities asset information for the locations of the other utilities.
10. It is proposed that the surface water from the site is discharged via the existing Thames Water combined water network located in Wildwood Grove.
11. Based on the existing information it is assumed that gravity connection is possible for surface and foul water drainage. If levels are proven to be too shallow during any further investigation for a gravity connection, pumping may be required.
12. Reduced cover levels are proposed for the drainage network to achieve gravity connections.
13. Further survey works will be required to establish the locations of the existing sewers and the levels and any offsite connection.
14. Access via the neighboring property is required to access the Thames Water sewer in Wildwood Grove. This property is owned by the developer.
15. It is assumed that the total area within the redline boundary will remain private.
16. All surface water drains to be minimum 150Ø at 1:80 gradient unless noted otherwise.
17. All foul water drains to be minimum 150Ø at 1:40 gradient unless noted otherwise.
18. The cover and invert levels provided are indicative and subject to review at the next design stage.
19. Water butts can be incorporated to the design; locations to be agreed at the next design stage when the landscape strategy is further developed.
20. Some of the attenuation storage may be provided in an above ground tank. The footprint of the belowground tank may be reduced if some of the storage can be provided in an upstanding tank. This is to be further reviewed at the next design stage.
21. In the event of storm in excess of the design rainfall event, evacuation route available to the North End Road, which is at a higher level, via the internal stairs.

KEY

- SITE REDLINE BOUNDARY
- EXISTING COMBINED SEWER
- EXISTING SURFACE WATER DRAINAGE
- EXISTING FOUL WATER DRAINAGE
- PROPOSED COMBINED WATER DRAINAGE
- PROPOSED SURFACE WATER DRAINAGE
- PROPOSED FOUL WATER DRAINAGE
- PROPOSED CWC/MH
- PROPOSED SWC/MH
- PROPOSED FWC/MH
- RISK ITEM
- PROPOSED IMPERMEABLE AREAS
- OVERLAND FLOW PATH
- REVISIONS

REV.	DATE	DESCRIPTION	DRAWN	CHECKED
P06	25/07/24	Notes added following Fairhurst meeting	CA	TM
P05	05/07/24	Note added about external levels	CA	TM
P04	11/06/24	Filter drains & earth bund amended	CA	TM
P03	21/03/24	Filter drains & earth bund amended	CA	TM
P02	19/09/23	Redline boundary updated	CA	TM
P01	08/09/23	First issue	CA	TM

CHATHOM

CLIENT:
ARTEFACT STUDIO

PROJECT:
17 NORTH END

TITLE:
SURFACE WATER DRAINAGE STRATEGY

STAGE: PRELIMINARY

SCALE: 1:100 @A1

2023-0025- CHA - XX - XX - DR - C - 1000 P06

PROJECT NO. ORIGINATOR ZONE LEVEL TYPE DISCIPLINE DRAWING NO. REV