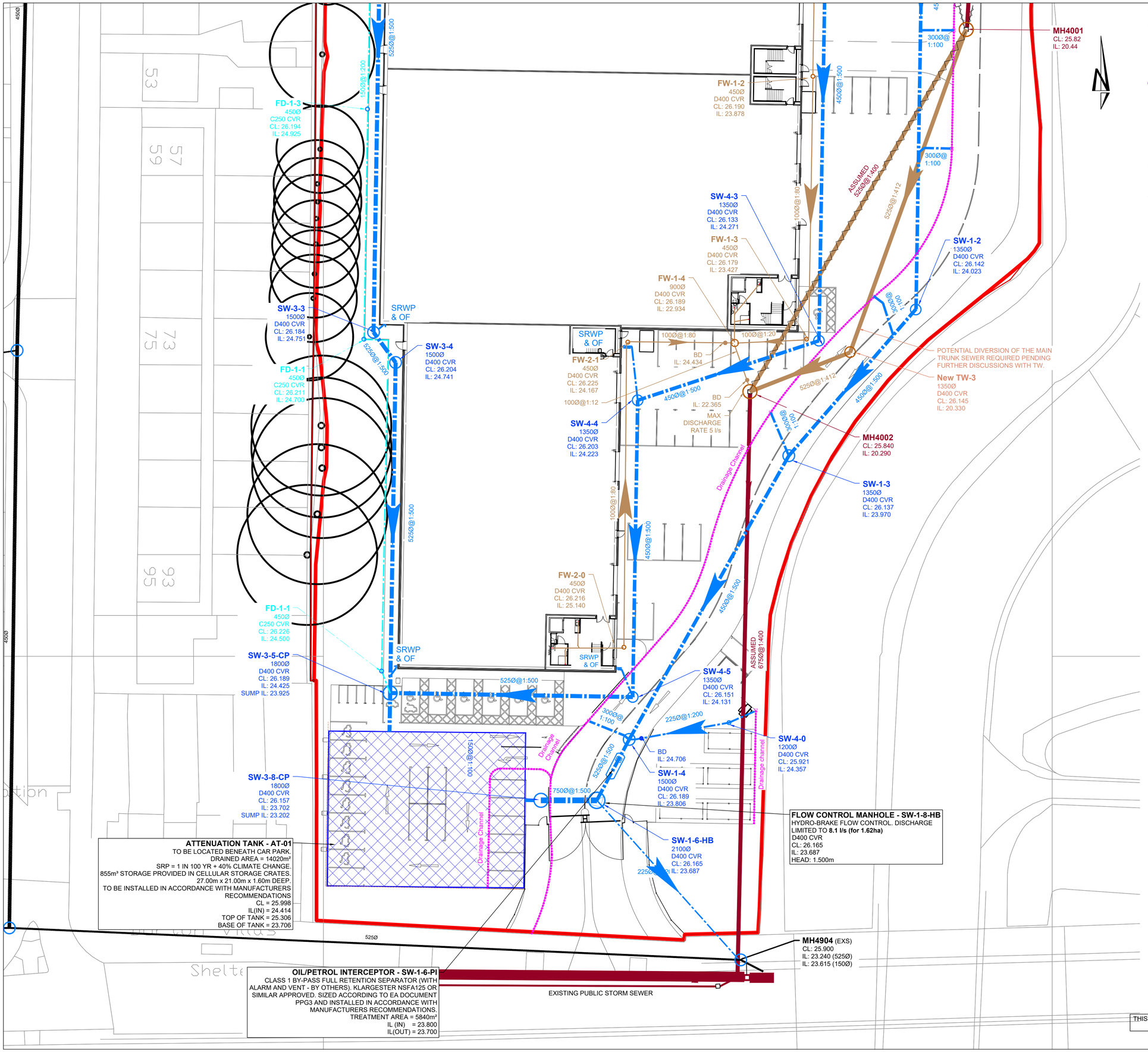

KEY PLAN

NOTES

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
2. The DWG file is issued for the purposes of coordination only and do not represent formal drawing issue and are not to be reprinted in any form. Formal issue of drawings is via DWF, Adobe PDF files and/or hard copies and their associated information issue sheets.
3. Note that all care has been taken with the export of DWG files and their content, but we recommend that you make due dimensional checks before using any DWG file information. Any errors found are to be reported to Hydrock immediately.
4. Levels shown in metres above Ordnance Datum (mAOD).
5. Site plan and boundary from drawing 5110-CA-00-00-DR-A-00056 Rev P5, dated 8th June 2022, by Chetwoods.
6. OS Map background made available under Open Government Licence v3.0, Crown Copyright.
7. All private drainage to comply with current Building Regulations, BS EN-752 Drain and Sewer systems outside Buildings and other relevant British Standards and Codes of Practices.
8. All external drainage within trafficked areas with less than 1.2m cover to have type Z concrete bed and surround. All external drainage within landscaped areas with cover less than 0.6m to have type Z concrete bed and surround. All drainage with greater cover than the minimum required to have type S bed and surround.
9. All drainage to be laid soffit to soffit unless otherwise shown.
10. The Contractor is to verify the line, level and diameter of existing sewers before commencing drainage works.
11. All foul drainage to be minimum 100mm diameter, all surface water drainage to be minimum 150mm diameter unless otherwise shown.
12. Cover levels shown on this drawing refer to approximate surface levels. It is the contractors responsibility to ensure that access covers and frames are set at the final surface levels.
13. Where possible the contractor is to orientate manhole biscuits and covers to locate them parallel to kerbs and paving.
14. The Contractor should comply with hs(g) 47 "Avoiding Danger from Underground Services" when excavating around existing services.
15. It is the contractors responsibility to determine the location and depth of all existing services, mains and cables prior to construction.
16. Contractor to provide temporary screens in each of the down stream manholes during the construction period of the development in accordance with Design Construction Guidance Cl. BS.2.23 and the local sewerage undertakers requirements.
17. All in-situ concrete and precast concrete components to be manufactured using Sulphate Resisting Portland Cement, (SRPC) to BS 4027, if required, subject to soil conditions. Manhole components to be to BS EN 1917:2002.
18. All ironwork to be kite marked by BSI or certified by equal inspection authority.
19. All redundant connections to be capped off and grouted from the down stream manhole.
20. All new drainage pipes to be jetted, CCTV surveyed with DVD recording and any defects highlighted to the supervising officer. Following the rectification of any defects, the drain is to be re-surveyed with CCTV and the recordings made available to the project manager/engineer.
21. Prior to commencing the works the contractor is to confirm details of the existing drainage system as noted on the drawing.
22. Prior to commencing the works the contractor is to undertake the drainage investigation work as noted on the drawing.
23. The location for petrol interceptor vent, flashing beacon and control unit to be coordinated with the MEP engineer and the landscaping architect at the next stage of the design process.
24. All drainage is subject to detailed design and consent from the relevant local authority.
25. This proposed assumes limited potential for flood storage solution.
26. Outfall subject to conditional surveys of the existing sewer as required by Thames water utility.
27. The storage volume is subject to the confirmation of actual 'pass forward' flows into Thames Water utility. If SW discharge is reduced then attenuation volumes may rise.

REV						
P02	UPDATED TO NEW SITE PLAN					
	O.CHARD	08.07.22	C.MACHUGH	08.07.22	T.KING	08.07.22
P01	PRELIMINARY ISSUE					
	V.KARATANOV	09.06.22	C.MACHUGH	09.06.22	T.KING	09.06.22
REV	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

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CLIENT

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PROJECT

APRIROSE NCP FLIGHTPATH HEATHROW

TITLE

DRAINAGE LAYOUT
SHEET 2 OF 2

HYDROCK PROJECT NO.	SCALE @ A1
C-23795-C	1:250
STATUS DESCRIPTION	STATUS
ISSUED FOR INFORMATION	S2
DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)	REVISION
23795-HYD-00-ZZ-DR-C-7012	P01