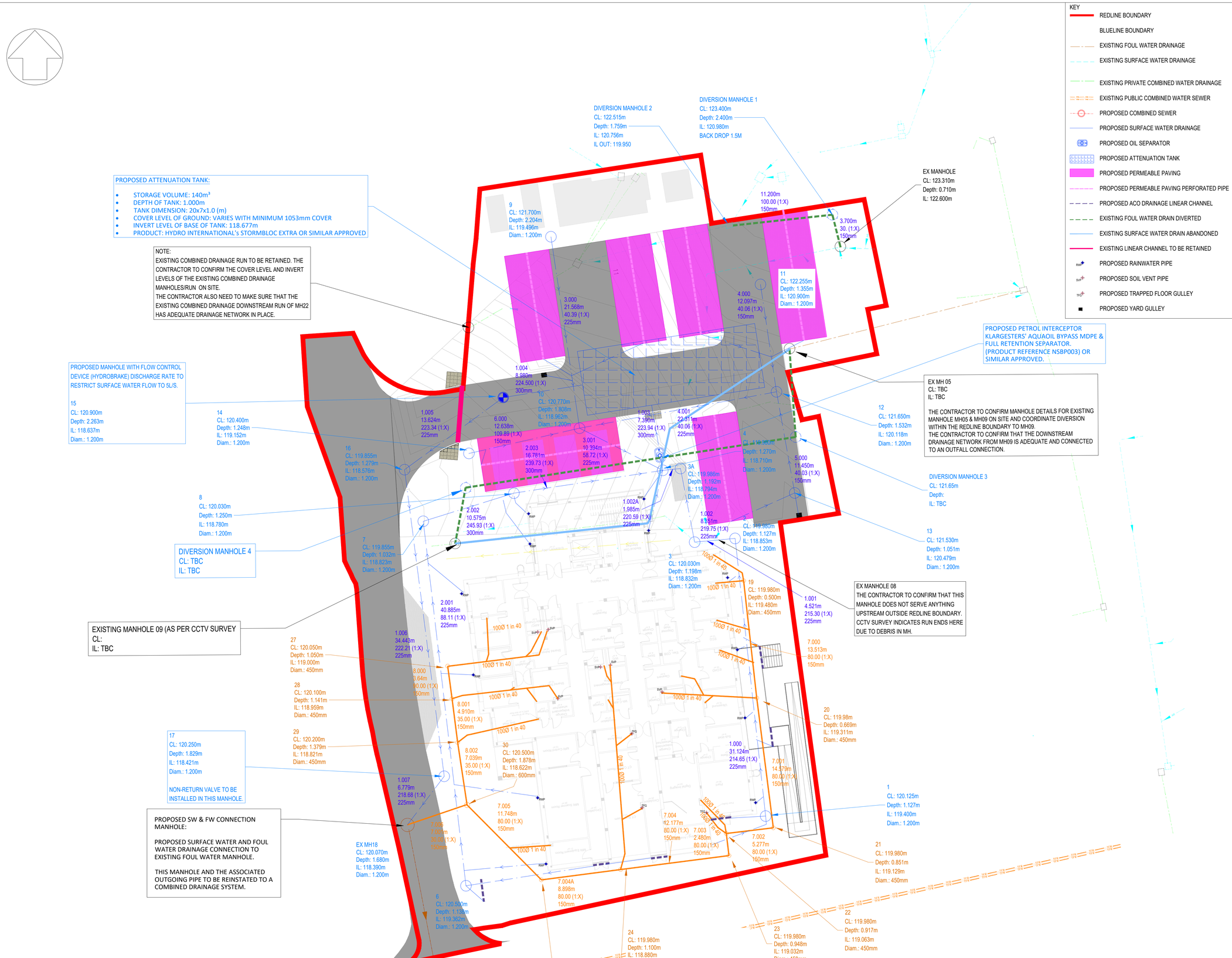


This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.

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GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEER, ARCHITECT'S OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
3. THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING/STRUCTURE/EXCAVATION AT ALL STAGES OF THE WORK.
4. ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND REGULATIONS.
5. ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES
6. THE PROPOSED ARCHITECTS LAYOUT IS BASED ON THE DESIGN BURO'S DRAWING "DBC1782-DBC-ENB-00-DR-0650" REV P07 DATED 23.05.2024.
7. THE TOPOGRAPHICAL SURVEY INFORMATION IS BASED ON SURVEY SOLUTIONS DRAWING "24442cv-01" DATED 24/05/19.
8. THE EXISTING UTILITY SURVEY INFORMATION IS BASED ON C L B SURVEY LTD'S DRAWING "JA23-4692-1" DATED JANUARY 2023.
9. THE EXISTING PUBLIC SEWER INFORMATION IS BASED ON SEVERN TRENT'S SEWER RECORD PLAN.
10. PROPOSED CATCHMENT AREA IS CALCULATED BASED ON ASSUMED IMPERMEABILITY COEFFICIENT OF 0.95 FOR IMPERMEABLE AREAS. THE APPROXIMATE OVERALL EFFECTIVE IMPERMEABLE AREA FOR THE SITE IS 0.260ha.
11. THE PROPOSED OVERALL ATTENUATION STORAGE VOLUME OF 140m³ IS SIZED BASED ON A MAXIMUM ALLOWABLE SURFACE WATER DISCHARGE RATE OF 5 L/S FOR THE 1 IN 100 YEAR CRITICAL STORM RETURN PERIOD WITH 40% ALLOWANCE FOR CLIMATE CHANGE. ALLOWANCE FOR CLIMATE CHANGE.
12. THE PROPOSED ATTENUATION IS PROVIDED IN THE FORM OF SUDS FEATURE SUCH AS PERMEABLE PAVING AND BELOW GROUND CELLULAR CRATES/TANK.
13. THE PROPOSED SURFACE WATER DRAINAGE STRATEGY IS SUBJECT TO FURTHER SITE INVESTIGATIVE WORKS AND THIRD PARTIES APPROVAL.
14. THE PROPOSED SURFACE WATER DRAINAGE STRATEGY IS BASED ON ASSUMED FINISHED FLOOR LEVELS AND EXTERNAL LEVELS THAT WORKS WITH THE DRAINAGE DESIGN DICTATED BY THE OUTFALL INVERT LEVEL OF 118.390.
15. SECTION 106 APPLICATION WILL BE REQUIRED FOR BOTH SURFACE WATER AND FOUL WATER CONNECTIONS FROM SEVERN TRENT WATER.
16. IMPERMEABLY LINED PERMEABLE PAVING ARE PROVIDED IN PARKING BAYS CONTRIBUTING TO SUSTAINABLE DRAINAGE OF ONSITE SURFACE WATER RUNOFF.
17. PROPOSED PETROL INTERCEPTOR PRODUCT BY KLARGESTER IS DESIGNED TO PROVIDE ONSITE SURFACE WATER TREATMENT BEFORE RUNOFF IS DISCHARGED TO CELLULAR CRATES/TANK AND THEN TO OUTFALL.
18. THE EXISTING ACCESS ROAD TO THE WEST OF THE SITE UPTO THE ENTRANCE INTO THE SITE IS EXCLUDED FROM DRAINAGE DESIGN. IT IS ASSUMED THAT THE EXISTING DRAINAGE SYSTEM WITHIN THE ROAD IS ADEQUATE AS THE TOPO SURVEY INDICATE GULLEYS AND MANHOLE PRESENT IN THE ROAD.
19. THE EXISTING LINEAR CHANNEL AT THE ENTRANCE OF THE SITE IS TO BE RETAINED. THE CONTRACTOR TO CONFIRM ON SITE THE OUTFALL CONNECTION OF THIS LINEAR CHANNEL.
20. PRIOR TO COMMENCEMENT OF WORKS, CONTRACTOR TO CHECK PRESENCE OF ALL BELOW GROUND SERVICES AND DRAINAGE, AND INFORM THE ENGINEER.
21. RWPs AND FOUL DOWN POINTS ARE PROVIDED BY ARCHITECT.
22. ALL FOUL DOWN POINTS TO HAVE RODDING ACCESS ABOVE FLOOR SLAB LEVEL FOR MAINTENANCE.

Rev	Date	Description	By	Chk
C06	20.02.25	SW MH IL UPDATED	TY	DP
C05	16.12.24	DRAINAGE MANHOLES UPDATED	SM	PE
C04	21.06.24	MH DIAMETER UPDATED	TY	PE
C03	14.06.24	FW SVPS UPDATED	AS	SS
C02	31.05.24	SW CONNECTION PIPE MOVED TO FOOTPATH	AS	SS
C01	30.05.24	STAGE 4 ISSUE	AS	SS
A02	08.08.23	REDLINE BOUNDARY AND SITE LAYOUT UPDATED	AS	RB
A01	02.06.23	FIRST ISSUE	RL	RB

Amendments

Project
HINCKLEY CDC AND ENDOSCOPY

Title
PROPOSED SURFACE WATER AND FOUL WATER DRAINAGE STRATGEY

Client
DARWIN GROUP

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mail@watermangroup.com www.watermangroup.com

Work Stage: STAGE 4 Technical Design — RIBA

Suitability: DETAILED DESIGN

Designed By: RB	Director: SS	Waterman Ref: WIE19849	
Drawn By: RL	Date: JUNE 2023	Scales @ A1: 1:200	

Project | Originator | Functional | Spatial | Form | Discipline | Number: 19849-WIE-ZZ-XX-DR-D-92-001
Revision: C06

1:200 0 5m 10m 15m 20m
1:1 0 10 20 30 40 50 60 70 80 90 100

N:\Projects\WIE19849 Hinckley Daycare\100*_CAD\02_Drainage\