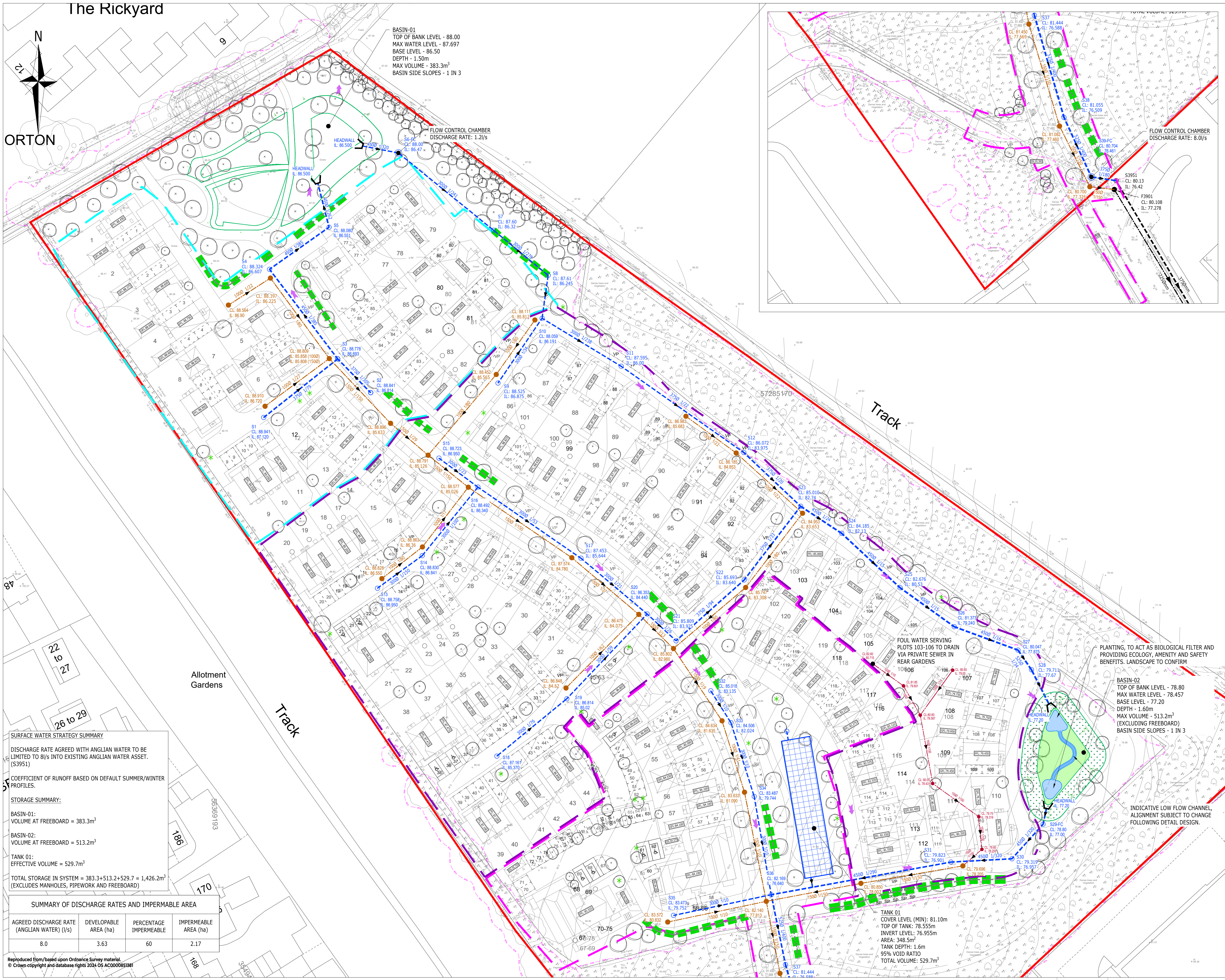
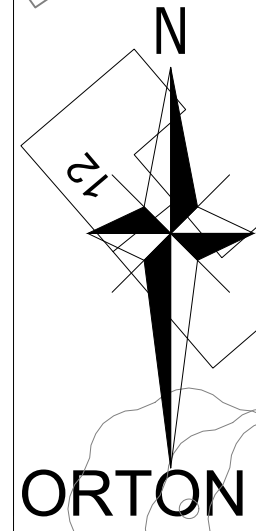




The Rickyard



ORTON

22 to 27
26 to 29

SURFACE WATER STRATEGY SUMMARY

DISCHARGE RATE AGREED WITH ANGLIAN WATER TO BE LIMITED TO 8 l/s INTO EXISTING ANGLIAN WATER ASSET. (S3951)

COEFFICIENT OF RUNOFF BASED ON DEFAULT SUMMER/WINTER PROFILES.

STORAGE SUMMARY:

BASIN-01:
VOLUME AT FREEBOARD = 383.3m³

BASIN-02:
VOLUME AT FREEBOARD = 513.2m³

TANK 01:
EFFECTIVE VOLUME = 529.7m³

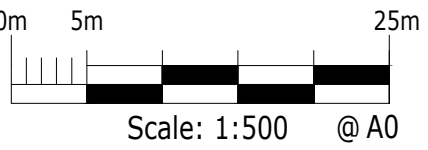
TOTAL STORAGE IN SYSTEM = 383.3+513.2+529.7 = 1,426.2m³ (EXCLUDES MANHOLES, PIPEWORK AND FREEBOARD)

SUMMARY OF DISCHARGE RATES AND IMPERMEABLE AREA			
AGREED DISCHARGE RATE (ANGLIAN WATER) (l/s)	DEVELOPABLE AREA (ha)	PERCENTAGE IMPERMEABLE	IMPERMEABLE AREA (ha)
8.0	3.63	60	2.17

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- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION, INC. RISK ASSESSMENTS AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
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 - ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES UNLESS OTHERWISE STATED.
 - ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
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 - ANY WORKS OUTSIDE RED SITE BOUNDARY ARE FOR INFORMATION PURPOSES ONLY. UNLESS SPECIFICALLY NOTED, ALL WORKS OUTSIDE THE SITE BOUNDARY WILL BE UNDERTAKEN BY OTHERS UNDER A SEPARATE CONTRACT.
- KEY
- SITE BOUNDARY
 - DRAINAGE CATCHMENT BOUNDARIES
 - PROPOSED SW SEWER & MANHOLE
 - PROPOSED FW SEWER & MANHOLE
 - PROPOSED PRIVATE FW SEWER & MANHOLE
 - EXISTING SW SEWER & MANHOLE
 - EXISTING FW SEWER & MANHOLE
 - PROPOSED HEADWALL
 - PROPOSED ATTENUATION BASIN
 - UNDERGROUND ATTENUATION TANK
 - PROPOSED SWALE WITH UNDERDRAIN
 - TREET ROOT PROTECTION AREA
 - PROPOSED GRADIENT
 - POTENTIAL LOCATION FOR BIO RETENTION OR RAIN GARDENS



F	SITE LAYOUT UPDATED	MCE	EF	BB	12.05.26
E	SITE LAYOUT UPDATED	MCE	EF	BB	11.05.26
D	SITE LAYOUT UPDATED	MCE	EF	BB	08.05.26
C	SITE LAYOUT UPDATED	MAC	TR	BB	26/11/25
B	PLANNING SUBMISSION	KC	TR	BB	31/10/25
A	PRELIMINARY ISSUE	DC	TR	BB	08/09/25
Rev	Description	Drn	Chk	App	Date
Purpose:	FOR PLANNING	Status:	NOT YET APPROVED		

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Client:
**BARRATT DAVID WILSON HOMES
NORTH THAMES**

Project Title:
LAND AT TALBOT WAY, LETCHFORD

Drawing Title:
DRAINAGE STRATEGY

Drawn by DC	Checked by TR	Approved by BB	Revision F
Scale 1:500@A0	Date SEPT 2025		
Drawing Number 2502330-ACE-XX-00-DR-C-0151			