

Notes

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3. This drawing should be read in conjunction with all other relevant drawings and specifications.

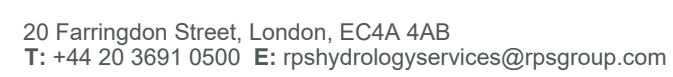
This drawing illustrates a sketch proposal only and as such is subject to detailed site investigation including ground conditions/contaminants, drainage, design and planning/density negotiations. The layout may be based upon an enlargement of an OS sheet or other small scale plans and its accuracy will need to be verified by Survey. Full risk analysis under the CDM Regulations has not been undertaken.

1. FLOOD MAPPING INFORMATION FROM RPS HYDRAULIC SURFACE WATER MODEL. DATED 17.03.2025.
2. MASTERPLAN TAKEN FROM DRAWING "002_1117_Development Area Plan, Rev 'L' ISSUED BY MOSAIC LTD. DATED 11.06.2025
3. CONSTRAINTS PLAN TAKEN FROM DRAWING "002_1117_Constraints Plan, Rev 'C' ISSUED BY MOSAIC LTD. DATED 19.05.2025
4. REFER TO DRAWING NUMBER EN/2788-RPS-DW-22-DR-H005 FOR THE PROPOSED CATCHMENT AREA PLAN.
5. REFER TO DRAWING NUMBER EN/2788-RPS-DR-SW-DR-CH-0010 FOR A DETAILED SECTION THROUGH THE MAIN INFILTRATION BASIN.
6. DRAINAGE FEATURES HAVE BEEN DESIGNED BASED ON: INFILTRATION COEFFICIENT AS SHOWN PER CATCHMENT
 - BASINS DESIGNED TO ACCOMMODATE THE 1in100year CATCHMENT
 - 40% CLIMATE CHANGE STORM EVENT.
7. IMPERMEABLE AREAS ARE RELATED TO PROPOSED LAND USE. RESIDENTIAL AREAS ARE ASSUMED TO BE 10% IMPERMEABLE AREA PLUS 10% URBAN BREEZE ALLOWANCE.

 SITE BOUNDARY
 FALL DIRECTION (TAKEN FROM CONTOURS)
 PROPOSED INFILTRATION BASIN
 PROPOSED ATTENUATION BASIN
 INDICATIVE SWALE
 INDICATIVE SURFACE WATER SEWER ROUTE
 TRIAL PIT LOCATION (INFILTRATION TEST)

1 in 30 - HIGH SURFACE WATER
1 in 100 - MEDIUM SURFACE WATER
1 in 100 + CLIMATE CHANGE
1 in 1000 - LOW SURFACE WATER

P11	UPDATED REDLINE BOUNDARY - SITE LOCATION PLAN REVISION D	RM	CP	2011.125
P10	LAND BUDGET PLAN UPDATED - REV D. MINOR AMENDMENTS TO FLOW PATHWAYS	RM	JH	18.09.25
P09	MASTERPLAN UPDATED - SUBS LOCATIONS UPDATED UPDATED FLOW PATHWAYS UPDATED	RM	CP	26.06.25
P08	MASTERPLAN UPDATED - SUBS LOCATIONS UPDATED UPDATED INFILTRATION COEFFICIENTS ADJUSTED	JH	CP	17.06.25
P07	MASTERPLAN UPDATED - SUBS LOCATIONS UPDATED	CLP	CP	27.06.25
P05	SUBS LOCATIONS UPDATED	RM	CP	23.04.25
P04	REVISED SUBS FEATURES TO SUIT UPDATED MASTERPLAN	RM	CP	14.09.24
P03	REVISED SUBS FEATURES TO SUIT UPDATED FLOOD MAPPING	RM	CP	26.03.24
P02	REVISED BASIN LOCATION - FOR DISCUSSION	RM	CP	17.02.25
P01	DRAFT - FOR DISCUSSION	RM	CP	17.02.25
Rev	Description	By	Ckd	Date



Status	Scale	Date Created
Preliminary	1:2,000@A0	17.02.25
Task Team Manager	Information Author	Task Information Manager
CP	RM	CP
Document Number		

INFILTRATION RESULTS	
Trial Pit Location	Infiltration Rate (m/s)
TP01	1.600×10^{-5}
TP02	2.608×10^{-6}
TP03	2.160×10^{-6}
TP04	NOT SUFFICIENT FOR INFILTRATION
TP05	NOT SUFFICIENT FOR INFILTRATION
TP06	NOT SUFFICIENT FOR INFILTRATION
TP201	1.650×10^{-5}
TP202	3.520×10^{-4}
TP203	4.530×10^{-5}
TP204	9.990×10^{-5}