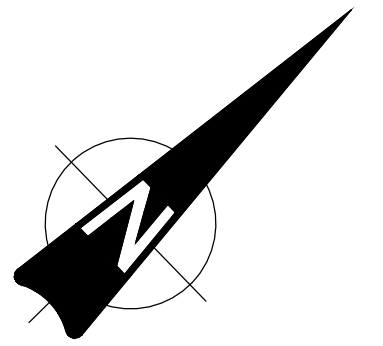


LEGEND:

	PROPOSED PERMEABLE PAVING
	PROPOSED PUBLIC RAIN GARDEN
	PROPOSED BIORETENTION TREE PITS
	PROPOSED PRIVATE RAIN GARDEN
	PROPOSED ROADSIDE GRASS SWALE

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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Block S East Point Business Park Dublin D03 H3F4 Ireland t+353 1 664 8900

- NOTES:
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.



TOTAL ATTENUATION STORAGE VOLUMES OFFERED IN PROPOSED SUDS FEATURES:

SUDS Feature	Area (m²)	Depth	Void Ratio	Storage Volume Provided (m³)
SUDS within the Phase 2 Subject Site Redline Boundary				
Permeable Paving	1870	0.35	0.4	262 m³
Public Rain Gardens	1172	0.65	0.4	305 m³
Private Rain Gardens	631	0.50	0.4	126 m³
Bio-retention Tree Pits	380	1.00	0.4	152 m³
Swales	106	1.00	0.4	64 m³
<b>Total</b>				<b>909 m³</b>
SUDS within the Approved Phase 1 Redline Boundary serving Phase 2				
Above Ground Detention Basin	Varies	0.50	1.0	375 m³
Pluvial Cube System (Tank 1)	800	1.45	0.95	1102 m³
<b>Total</b>				<b>1477 m³</b>

01	31/01/25	ISSUED FOR PLANNING	IG	IW
Rev	Date	Description	By	Chk
Amendments				
Project				
CHERRY ORCHARD POINT PHASE 2				
Title				
DETAILED PROPOSED SuDS LAYOUT				
Client				
LAND DEVELOPMENT AGENCY				
Status				
PLANNING				
Designed By	PI	Approved	IW	Waterman Ref 22-010
Drawn By	IG	Date	JAN. 2025	Scales @ A1 1:500
Project - Originator - Volume - Level - Type - Role - Number				Revision
COP-WMC-PH2-00-DR-P-0206				01



BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD,  
DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900  
Email: info@waterman-moylan.ie www.waterman-moylan.ie