

A1

DO NOT SCALE

File: 0119017-ATK-ZZ-02-DR-CE-090507.dwg
Date: May 13, 2026 - 5:53pm
Plotted by: ULH7849



Hor Scale 1500
Ver Scale 200

Datum (m)15.000

PN	S3.000	S3.001	S3.002
Dia (mm)	225	225	225
Slope (1:X)	150.0	90.0	90.0
Cover Level (m)	22.575	23.875	22.750
Invert Level (m)	21.659	21.659	21.226
Length (m)	54.768	49.599	39.006

Block P - Longitudinal Section S300 - EX S59
Scale 1:1500 (Horizontally), 1:200 (Vertically)

Hor Scale 1500
Ver Scale 200

Datum (m)10.000

PN	S3.009	S3.010
Dia (mm)	225	225
Slope (1:X)	89.2	25.0
Cover Level (m)	21.850	22.400
Invert Level (m)	21.320	20.226
Length (m)	28.773	27.368

Block P - Longitudinal Section S303 - S58A
Scale 1:1500 (Horizontally), 1:200 (Vertically)

VORTEX FLOW CONTROL DEVICE
TO LIMIT DISCHARGE TO A
MAXIMUM DISCHARGE RATE OF
2 L/S WITH 1.0m HEAD DURING A
1 IN 100 YEAR EVENT (INCLUDING
20% FOR CLIMATE CHANGE AND
10% FOR URBAN CREEP)

TANK P
SUDS ATTENUATION
SYSTEM VOLUME 200 cu.m

Hor Scale 1500
Ver Scale 200

Datum (m)15.000

PN	S4.000	S4.001	S4.002
Dia (mm)	225	225	225
Slope (1:X)	210.0	210.2	176.0
Cover Level (m)	22.700	22.188	22.525
Invert Level (m)	21.620	21.620	21.100
Length (m)	76.839	51.086	51.086

Block Q - Longitudinal Section S306 - EX S55
Scale 1:1500 (Horizontally), 1:200 (Vertically)

Hor Scale 1500
Ver Scale 200

Datum (m)10.000

PN	S3.011	S3.012
Dia (mm)	225	225
Slope (1:X)	552.2	46.3
Cover Level (m)	23.500	23.300
Invert Level (m)	21.955	21.620
Length (m)	16.567	43.445

Block Q - Longitudinal Section S309 - S55A
Scale 1:1500 (Horizontally), 1:200 (Vertically)

VORTEX FLOW CONTROL DEVICE
TO LIMIT DISCHARGE TO A
MAXIMUM DISCHARGE RATE OF
2 L/S WITH 1.0m HEAD DURING A
1 IN 100 YEAR EVENT (INCLUDING
20% FOR CLIMATE CHANGE AND
10% FOR URBAN CREEP)

TANK Q
SUDS ATTENUATION
SYSTEM VOLUME 200 cu.m

© ORDNANCE SURVEY IRELAND LICENSE No. AR 0082521
ORDNANCE SURVEY IRELAND & GOVERNMENT OF IRELAND

Rev	Description	By	Date	Chk'd	Auth
A	FOR PLANNING	IH	20.02.26	SK	GH
-	FOR PLANNING	IH	09.12.25	SK	GH



Atkins House, 150-155 Airside
Business Park, Swords, Co. Dublin
Tel (+353) 01 810 8000
Fax (+353) 01 810 8001

Unit 2B, 2200 Cork Airport
Business Park, Cork
Tel (+353) 021 429 0300
Fax (+353) 021 429 0360

2nd Floor Technology House
Parkmore Technology Park, Galway
Tel (+353) 091 786 0500
Fax (+353) 091 779 830

Client	AEVAL UNLIMITED COMPANY	
Project	WOODBROOK DART GATEWAY	

Purpose	FOR PLANNING						
Title	PROPOSED STORM WATER LONG SECTION						
Original Scale	AS SHOWN	Design/Drawn	IH	Checked	SK	Authorised	GH
Date	08.12.25	Date	08.12.25	Date	08.12.25	Date	08.12.25
Status	P	Drawing Number	0119017-ATK-ZZ-XX-DR-CE-090507	Rev	A		