100
0 10
A1
DO NOT SCALE

GREEN ROOF TO APARTMENT BLOCKS TO PROVIDE ATTENUATION
SEE DRAWING 5214419-ATK-01-ZZ-DR-CE-0601 FOR DETAILS

BLOCK D
BLOCK A
BLOCK B
BLOCK 1A
BLOCK 1B

SWALE A1
SWALE A2
SWALE A3
SWALE A4
SWALE A5
SWALE A6
SWALE A7
SWALE B1

BH201 GL 13.74 mOD WL-NO WATER STRIKE
BH205 GL 9.66 mOD WL-NO WATER STRIKE
BH206 GL 9.10 mOD WL-NO WATER STRIKE
BH210 GL 9.36 mOD WL-NO WATER STRIKE
BH211 GL 8.72 mOD WL-10.60
BH213 GL 8.32 mOD WL-NO WATER STRIKE

TP201 GL 10.17 WL-NO WATER STRIKE
TP202 GL 11.08 WL-NO WATER STRIKE
TP203 GL 9.61 WL-NO WATER STRIKE
TP204 GL 9.84 WL-NO WATER STRIKE
TP205 GL 10.13 WL-NO WATER STRIKE
TP207 GL 9.55 WL-NO WATER STRIKE
TP208 GL 8.73 WL N/A
TP209 GL 7.15 WL-NO WATER STRIKE
TP210 GL 6.66 WL-NO WATER STRIKE

SMH 01 CL 10.473m IL 9.048m
SMH 02 CL 10.131m IL 8.545m
SMH 03 CL 9.530m IL 7.500m
SMH 04 CL 11.203m IL 9.778m
SMH 05 CL 11.044m IL 9.285m
SMH 06 CL 10.140m IL 8.715m
SMH 07 CL 10.520m IL 8.120m
SMH 08 CL 10.600m IL 8.028m
SMH 09 CL 10.815m IL 7.892m
SMH 10 CL 11.015m IL 7.713m
SMH 11 CL 10.827m IL 7.683m
SMH 12 CL 10.827m IL 7.600m
SMH 13 CL 10.387m IL 7.411m
SMH 14 CL 9.755m IL 8.186m
SMH 15 CL 10.107m IL 8.602m
SMH 16 CL 9.875m IL 7.238m
SMH 17 CL 9.272m IL 7.847m
SMH 18 CL 9.075m IL 7.500m
SMH 19 CL 9.695m IL 7.049m
SMH 20 CL 9.990m IL 6.866m
SMH 21 CL 9.925m IL 6.862m
SMH 22 CL 9.820m IL 6.735m
SMH 23 CL 9.727m IL 6.496m
SMH 24 CL 8.584m IL 7.429m
SMH 25 CL 8.986m IL 6.957m
SMH 26 CL 9.103m IL 5.819m
SMH 27 CL 10.227m IL 7.502m
SMH 28 CL 8.227m IL 6.408m
SMH 29 CL 8.227m IL 6.004m
SMH 30 CL 7.290m IL 5.863m
SMH 34 CL 7.290m IL 4.997m
SMH 35 CL 7.054m IL 4.699m
SMH 36 CL 6.957m IL 4.487m

S1.000 1:110.0 225mm
S1.001 1:110.1 300mm
S1.002 1:40.0 375mm
S1.003 1:73.0 225mm
S1.004 1:60.0 375mm
S1.005 1:150.0 525mm
S1.006 1:150.0 525mm
S2.000 1:1200.0 225mm
S2.001 1:120.0 375mm
S2.002 1:200.0 450mm
S2.003 1:230.0 450mm
S2.004 1:230.0 450mm
S2.005 1:90.3 450mm
S2.006 1:500.0 600mm
S2.007 1:500.0 600mm
S2.008 1:486.2 225mm
S3.000 1:99.9 300mm
S3.001 1:120.5 375mm
S3.002 1:120.5 375mm
S3.003 1:120.0 375mm
S3.004 1:227.1 450mm
S8.000 1:200.0 225mm
S8.001 1:200.0 225mm
S9.000 1:228.0 225mm
S9.001 1:150.0 225mm
S9.002 1:150.0 225mm
S9.003 1:180 225mm
S9.004 1:212.3 450mm
S9.005 1:199.7 525mm
S9.006 1:181.5 375mm

STORMTECH ATTENUATION SYSTEM WITHIN PARK. VOLUME CIRCA 988.9M³ 12.18M WIDE X 62.78M LONG

SEE DRAWING NO. 5214419-ATK-ZZ-ZZ-DR-SD-0021 FOR STORMTECH ATTENUATION SYSTEM GENERAL ARRANGEMENT & CROSS-SECTIONS

VORTEX FLOW CONTROL DEVICE TO LIMIT DISCHARGE TO A MAXIMUM DISCHARGE RATE OF 13.04L/S WITH 1.0M HEAD DURING A 1 IN 100 YEAR EVENT (INCLUDING 20% FOR CLIMATE CHANGE AND 10% FOR URBAN CREEP)

GREEN ROOF TO APARTMENT BLOCKS TO PROVIDE ATTENUATION SEE DRAWING 5214419-ATK-01-ZZ-DR-CE-0601 FOR DETAILS

PALISADE FENCE
RAILWAY LINE
TEE BOX
MATCH LINE

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LEGEND

- SITE BOUNDARY
- PR-STORM — PROPOSED STORM DRAINAGE
- SXX — PROPOSED STORM WATER MANHOLE
- GY — PROPOSED ROAD GULLY
- IC — PROPOSED INSPECTION CHAMBER & FILTER DRAIN
- PR-FD — PROPOSED COLLECTOR DRAIN
- PROPOSED SWALE & PERFORATED MANHOLE COVER
- PROPOSED TREE PIT LOCATION
- PROPOSED UNDERGROUND ATTENUATION SYSTEM
- PROPOSED PERMEABLE PAVING
- PROPOSED INTENSIVE GREEN COURTYARD
- PROPOSED EXTENSIVE GREEN ROOF
- EX-STORM — EXISTING STORM DRAINAGE
- TP - NUMBER CL - COVER LEVEL WL - WATER LEVEL — SITE INVESTIGATION TRIAL PIT LOCATION

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR

NOTE:

1. THE SURFACE WATER DRAINAGE NETWORK IS TO BE DESIGNED AND CONSTRUCTED IN COMPLIANCE WITH THE 'REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS VERSION 6.0'
2. NO SURFACE WATER/RAINWATER TO DISCHARGE INTO THE FOUL SEWER SYSTEM UNDER ANY CIRCUMSTANCES.
3. ALL RWP, GULLY AND CHANNEL DRAIN CONNECTIONS TO THE MAIN SURFACE WATER DRAINAGE SYSTEM ARE TO BE ACHIEVED VIA DIRECT CONNECTION TO THE MANHOLE AT LEVELS SOFFITS OR VIA SADDLE CONNECTION TO THE STORM SEWER PIPE.
4. ALL GULLIES TO HAVE SEPARATE CONNECTIONS TO THE STORM DRAINAGE NETWORK.

Rev	Description	By	Date	Chk'd	Auth
P01	ISSUED FOR PLANNING	PS	06.09.22	AC	GH

ATKINS
Member of the SNC-Lavalin Group

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

1st Floor Technology House Parkmore Technology Park, Galway
Tel (+353) 091 786 050
Fax (+353) 091 779 830

Client: SHANKILL PROPERTY INVESTMENTS LTD

Project: COASTAL QUARTER SHD 2

Purpose: PLANNING

Title: PROPOSED STORM WATER LAYOUT SHEET 1 of 2

Original Scale	Design/Drawn	Checked	Authorised
1:500 at A1 1:1000 at A3	PS Date 26.05.22	AC Date 26.05.22	GH Date 26.05.22

Status	Drawing Number	Rev
P	5214419-ATK-01-ZZ-DR-CE-0501	P01

File: 5214419-ATK-01-ZZ-DR-CE-0501_0502.dwg
Date: Sep 12, 2022 - 3:54pm Plotted by: patrick.sheridan

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