NOTES:

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

LEGEND

- F03 CL 76.210 IL 74.158 — 225mmø @ 1/40 — PROPOSED FOUL DRAINAGE, SHOWING MANHOLE REFERENCE, PIPE SIZE AND GRADIENT, COVER AND INVERT LEVELS
- FMH_BA1 CL 76.50 IL 75.50 — 150mmø @ 1/150 — PROPOSED CAR PARK BASEMENT DRAINAGE, SHOWING MANHOLE REFERENCE, PIPE SIZE AND GRADIENT, COVER AND INVERT LEVELS
- G — PROPOSED GULLY AND 100mmø CONNECTION
- PROPOSED ACCO CHANNEL AND CONNECTION TO TREE PIT
- INDICATES PROPOSED TREE PIT LOCATIONS

EX.MH CL:79.31 IL 78.48

225mmø uPVC EXISTING FOUL

EX.MH CL:78.63 IL76.38

300mmø uPVC EXISTING SURFACE

EX.MH CL:76.08 IL74.93

FBL 76.500m

FBL 74.600m

BIN STORE

BICYCLE STORE

FMH_BB2 CL 76.50 IL 75.09

FMH_BB1 CL 76.50 IL 75.40

FMH_BB4 CL 76.50 IL 74.98

FMH_BB3 CL 76.50 IL 75.12

FB2.000 150mmø @ 1/150

FB3.001 150mmø @ 1/150

FB3.000 150mmø @ 1/150

FB4.000 150mmø @ 1/150

ACO CHANNEL

NSBP003 KLARGESTER BYPASS PETROL INTERCEPTOR

ECO CELL ATTENUATION TANK 1
Depth = 2.2m
Width = 6.5m
Length = 18.5m
Volume = 265.73m³
Void Rate 95%
IL = 73.143m

ECO CELL ATTENUATION TANK 2
Depth = 2.3m
Width = 4.3m
Length = 28.3m
Volume = 279.88m³
Void Rate 95%
IL = 71.001m

S01 CL 76.580 IL 75.000

F01 CL 76.510 IL 75.085

225mmø @ 1/150 S 1.000

225mmø @ 1/60 F1.000

S02 CL 76.310 BDIL 74.733 IL 73.450 SUMP IL 73.150

NSBP003 KLARGETSER BYPASS PETROL INTERCEPTOR WITH 100MM FALL WITHIN SAME

F02 CL 76.330 IL 74.621

S03 CL 76.240 IL 73.200

150mmø @ 1/150

225mmø @ 1:60 F1.001

S04 CL 76.210 IL 73.143

300mmø @ 1/150 S 1.001

300mmø @ 1/150 S 1.003

S05 Hydrobrake SET TO 2 l/s CL 76.210 IL 73.116 SUMP IL 72.816

F03 CL 76.210 IL 74.158

S 1.004 300mm @ 1/150

S 1.005 225mmø @ 1/80

225mmø @ 1/40 F1.002

S06 CL 76.050 IL 73.015

S 2.002A 300mm @ 1/50

NSBP003 KLARGETSER BYPASS PETROL INTERCEPTOR WITH 100MM FALL WITHIN SAME

S08 CL 76.100 IL 74.448

S09 CL 75.800 IL 72.900

S 2.000 225mmø @ 1/50

S 2.001 225mmø @ 1/50

F04 CL 75.700 IL 73.520

S07 CL 77.450 IL 75.134

S09A CL 74.960 IL 72.774

S10 CL 74.960 BDIL 72.502 IL 71.100 SUMP IL 70.800

FMH_BC3 CL 74.60 IL 73.25

FMH_BC1 CL 74.60 IL 73.25

FMH_BC2 CL 74.60 IL 73.13

FMH_BC4 CL 74.60 IL 73.00

FC5.000 150mmø @ 1/150

FC4.001 150mmø @ 1/150

FC4.002 150mmø @ 1/150

ACO CHANNEL

CL 74.470 IL 72.386

F05 1.000

F05A CL 73.890 IL 72.026

225mmø @ 1/60 F1.004A

F06 CL 73.870 IL 71.948

225mmø @ 1/40 F1.005

225mmø @ 1/80 S 2.004

S 2.003 300mmø @ 1/150

F07 CL 73.050 IL 71.076

S11 CL 74.070 IL 71.001

S12 Hydrobrake SET TO 2.1 l/s CL 73.870 IL 70.913 SUMP IL 70.613

S13 CL 73.050 IL 70.463

NSBP003 KLARGETSER BYPASS PETROL INTERCEPTOR

PERMEABLE SURFACE

DEVELOPMENT APPROVED UNDER PLANNING REG. REF. D18A/1187 AND PL06D.304995

EX.MH CL74.50 IL73.34

300mmø uPVC EXISTING SURFACE

c/l Hedge

Post & Wire Fence

Post & Rail Fence

Timber Fence

Fence

Tarmac

Cobbles

Concrete Path

Concrete Kerb

Overhead Power Lines

Ridge:82.86

Eaves:79.24

Eaves:77.74

PLAN VIEW – PROPOSED BASEMENT DRAINAGE LAYOUT

SCALE 1:250 @A1

1:250 0 5.0 10.0 15.0 20.0 25.0m

1:1 0 10 20 30 40 50 60 70 80 90 100

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REV.	DATE	AMENDMENT	DRN	APPD
B	22/03/22	UPDATE FOR IRISH WATER SUBMISSION	JR	RM
A	10/03/22	UPDATE FOR SW AUDIT RESPONSE	JR	RM

STATUS **FOR PLANNING ONLY NOT FOR CONSTRUCTION**

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CLIENT **MORAN PARK HOMEBUILDERS LIMITED**

ARCHITECT **MC GRANE AND PARTNERS LTD.**

PROJECT **STRATEGIC HOUSING DEVELOPMENT AT GLENAMUCK ROAD NORTH, CARRICKMINES, DUBLIN 18**

TITLE **PROPOSED BASEMENT DRAINAGE LAYOUT**

DRAWN	DESIGNED	APPROVED	DATE
G.Byrne	IW	JG	FEB. '22
SCALE	JOB NO.	DRG. NO.	REVISION
1:250 @A1	13-125	P224	B

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