

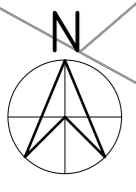
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ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE. DO NOT SCALE DIMENSIONS.

NOTES

BY	DRAWING No. & REFERENCE	DATE
SURVEY		
ARCH	SHB5-OCK-DR-MOR-AR-P3-PL03	06/04/2024
	Proposed Site Plan Rev A	



ATTENUATION POND
 LOWEST FFL = 69.700m
 500mm FREEBOARD i.e. 1:100 YEAR WATER LEVEL = 69.200m

GULLY CHECK
 LOWEST ROAD LEVEL = 69.350m
 150mm FREEBOARD FROM 1:100 YEAR WATER LEVEL

SIDE SLOPE = 1:4
 POND GROUND LEVEL = 69.350m
 LEVEL AT BASE OF POND = 68.000m

TOP AREA OF BASIN AT 1:100YR STORM WATER = 514.39m²
BOTTOM AREA OF BASIN AT 1:100YR STORM WATER = 234.72m²
 AVERAGE AREA = 374.56m²
 1:100YR STORM VOLUME PROVIDED = 374.56m² x 0.60m = 224.73m³
 1:100YR STORM VOLUME REQUIRED = 190.55m³
 REFER TO DRG. NO.151 FOR ATTENUATION POND SECTION AND DETAILS



DRAINAGE LEGEND

- PROPOSED SURFACE DRAINAGE LINE
- PROPOSED SURFACE MANHOLE
- SW AJ □ PROPOSED SURFACE ARMSTRONG JUNCTION
- PROPOSED SURFACE ROAD GULLY
- - - EXISTING SURFACE DRAINAGE LINE
- EXISTING SURFACE MANHOLE
- EXSW AJ □ EXISTING SURFACE ARMSTRONG JUNCTION
- EXISTING SURFACE ROAD GULLY
- PROPOSED TREE PIT
- PERMEABLE PAVING
- SWALE AREA
- GRATED MANHOLE
- RAIN GARDEN AREA
- PERMEABLE PAVING UNDERDRAIN 150#
- SWALE/ RAIN GARDEN UNDERDRAIN 150#
- TREE PIT UNDERDRAIN 150#
- DROPPED KERB AT 5m C/C
- INSPECTION CHAMBER

REV	DESCRIPTION	DATE	BY	CHK
10	LAYOUT REVISED AS PER COMMENTS	11.03.24	KD	PB
9	LAYOUT & SURFACE PIPE TYPE AMENDED	11.02.24	JD	PB
8	ATTENUATION POND AMENDED	06.02.24	KA	PB
7	ATTENUATION POND AMENDED	04.02.24	KA	PB
6	SURFACE DRAINAGE RE-ROUTED TO POND ONLY. ATTENUATION TANK REMOVED.	01.02.24	KA	PB
5	ISSUED FOR INFORMATION	19.12.23	KA	PB
4	ISSUED FOR INFORMATION	15.12.23	KA	PB
3	ISSUED FOR INFORMATION	14.12.23	KA	PB
2	SWALE LENGTH REDUCED, SWALE REPLACED WITH BIORETENTION GARDENS AS CLOUDED.	06.12.23	KA	PB
1	ISSUED FOR PLANNING	01.12.23	KA	PB
0	ISSUED FOR PLANNING	21.11.23	KA	PB

STATUS: **P3 - FOR PLANNING**

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CLIENT: **NDFA ON BEHALF OF KILDARE COUNTY COUNCIL**

JOB NAME: **SHB 4&5 - OCK - OLDTOWN MILL, CELBRIDGE**

DRG. NAME: **SuDS LAYOUT**

JOB REF	SHEET	SCALE	DATE	BY	ENG	APP	REV.
23006	A1	1:500	SEPT'2023	KA	KA	PB	10

DRG. NO.: **SHB5-OCK-DR-MOR-CS-P3-150**