



CATCHMENT AREA
SCALE 1:1000

Catchment Table

Catchment / Attenuation Area	Storage System Type	Catchment Area (Total)	Impermeable Catchment Area (Total)	Allowable Outflow (Max.)	Storage Volume Required (100 Yr.)	Storage Volume Provided (100 Yr.)
A	Stormtech Underground Chamber	0.61 Ha	0.49 Ha	2 l/s	260m ³	285m ³
B	Stormtech Underground Chamber	0.39 Ha	0.32 Ha	4.18 l/s	129m ³	140m ³
C	Stormtech Underground Chamber	1.09 Ha	0.68 Ha	4.18 l/s	298m ³	308m ³
Total		2.09 Ha	1.49 Ha		687m³	733m³

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ON ORIGINAL

NOTES:

GENERAL NOTES:

- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WORKS REQUIREMENTS.
- ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
- ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
- ALL LEVELS ARE TO ORDNANCE DATUM (MALIN HEAD).
- ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE WORKS REQUIREMENTS.
- THE CONTRACTOR MUST LAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE WORKS REQUIREMENTS.
- ALL VEHICULAR & PEDESTRIAN, CYCLE & PRIVATE ACCESS ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT PLAN.

DRAWING SPECIFIC NOTES:

- ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
- CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS & SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE.
- MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS.
- ALL DRAINAGE TO BE AS PER THE LOCAL AUTHORITY CODE OF PRACTICE FOR DRAINAGE WORKS/LOCAL AUTHORITY & IRISH WATER REQUIREMENTS.
- ALL EXTERNAL COLLECTOR DRAINS TO BE MINIMUM 150 mm DIA.
- ALL FOUL SEWERS TO BE CONCRETE OR WAWN SPEC AS PER IRISH WATER SPECIFICATION AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE, EN1916 & IS 6 2004.
- ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.
- THIS DRAWING IS BASED ON TOPO SURVEY BY MURPHY SURVEYS, DATED 24/07/2018.
- CONTRACTOR SHALL INSPECT THE ROUTE & CONFIRM LOCATIONS OF ALL TREES, FEATURES, ENTRANCES & ASPECTS IMPACTING CONSTRUCTION OF THE WORKS.

LEGEND:

- SITE A BOUNDARY
- GREEN ROOF SEDUM BLANKET OR SIMILAR APPROVED
- ROOF AREA DRAINING TO SUDS
- CATCHMENT AREA A
- CATCHMENT AREA B
- CATCHMENT AREA C
- GREEN PODIUM DECK
- PAVED AREAS DRAINING TO GULLIES
- PERMEABLE PAWING - DRAINING VIA TREE PITS WITH OVERFLOW GULLIES
- PERMEABLE PAWING OVER PODIUM

P1	03-12-19	FOR ABP APPLICATION	JVS	BK
REV	DATE	DESCRIPTION	BY	CHKD
SUITABILITY		SD - WORK IN PROGRESS		
PLANNING				
DESIGNED	BK	PREPARED	PJC	
DATE	JAN 2019	CHECKED	DJR	

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PROJECT
PROPOSED DEVELOPMENT AT CORNELSCOURT

DRG. TITLE
SURFACE WATER CATCHMENT AREAS

CLIENT
CORNEL LIVING LIMITED

SCALE
1:500 @A1

FILE REF.
180208-DBFL-XX-XX-DR-C-3003

ORDNANCE SURVEY IRELAND LICENCE
No EN 0017919
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GOVERNMENT OF IRELAND

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