Project Management Initials: Designer: KM Checked: SG Approved: LS

LEGEND

- PROPOSED WORKS BOUNDARY .....
- PROPOSED ATTENUATION BASIN.....
- PROPOSED PERMEABLE PAVING.....
- PROPOSED BIORETENTION RAINGARDEN.....
- PROPOSED WET SWALE.....
- PROPOSED GRASSCRETE.....
- PROPOSED SOFT LANDSCAPING.....
- PROPOSED PERMEABLE RUBBER SURFACE.....

VOLUME: 928 m³
TOP WATER LEVEL: 122.735 m
POND INVERT: 121.235 m

POND 3
VOLUME: 13 m³
TOP WATER LEVEL: 123.635 m
POND INVERT: 122.860 m

POND 2
VOLUME: 25 m³
TOP WATER LEVEL: 123.635 m
POND INVERT: 123.000 m

PROPOSED PERMEABLE PAVING TO BE IMPLEMENTED AT ALL CAR PARKING SPACES

PROPOSED BIORETENTION RAINGARDEN

PROPOSED BIORETENTION RAINGARDEN

PROPOSED PERMEABLE PAVING TO BE IMPLEMENTED AT ALL CAR PARKING SPACES

POND 1
VOLUME: 110 m³
TOP WATER LEVEL: 124.200 m
POND INVERT: 123.402 m

POND 1
VOLUME: 174 m³
TOP WATER LEVEL: 123.630 m
POND INVERT: 122.894 m

VOLUME: 43 m³
TOP WATER LEVEL: 124.493 m
POND INVERT: 123.797 m

PROPOSED PERMEABLE PAVING TO BE IMPLEMENTED AT ALL CAR PARKING SPACES

VOLUME: 50 m³
TOP WATER LEVEL: 124.361 m
POND INVERT: 124.061 m

A	PROPOSED SUDS LAYOUT - SHEET 1 OF 2
000521	Scale: 1:500

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AECOM

PROJECT

SDCC RATHCOOLE

CLIENT

SOUTH DUBLIN COUNTY COUNCIL

CONSULTANT

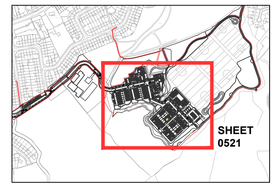
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NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
2. ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
3. AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
4. DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
5. DO NOT SCALE, ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
6. MANHOLE COVERS AND FRAMES IN PUBLICLY ACCESSIBLE AREAS SHALL BE HEAVY DUTY CAST IRON, CLASS D400, DOUBLE SEALED AND LOCKABLE TYPE COMPLYING WITH BS EN 124:2015.
7. GULLY GRATINGS & FRAMES SHALL COMPLY WITH BS EN 124:2015.
8. ATTENUATION PROPOSALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
9. CCTV SURVEY TO BE CONDUCTED PRIOR TO COMMENCEMENT OF ANY WORKS TO DETERMINE THE CONDITION AND VERIFY LEVELS OF THE EXISTING FOUL AND SURFACE WATER PIPES/ MANHOLES. ANY SUB-STANDARD OR DEFECTIVE ELEMENTS OF THE EXISTING PIPES/MANHOLES TO BE REPORTED AND CORRECTED.
10. ALL SURFACE WATER DRAINAGE DETAILS TO BE IN ACCORDANCE WITH THE GREATER DUBLIN STRATEGIC DRAINAGE STUDY AND THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.

AECOM
PLANNING

KEY PLAN



ISSUE/REVISION

I/R	DATE	DESCRIPTION
2	09.10.2026	PLANNING ISSUE
1	07.08.2026	PLANNING ISSUE
0	27/04/2026	ISSUE FOR STAGE 2A

PROJECT NUMBER

60739527

SHEET TITLE

PROPOSED SUDS LAYOUT
SHEET 1 OF 2

SHEET NUMBER

RATH-ACM-XX-00-DR-C-000521

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