



**SUDS AUDIT NOTES:**

**NOTE 1:** KERB CUTS USED IN THESE AREAS TO ALLOW SURFACE WATER TO RUN OFF INTO SOFT LANDSCAPING DESIGNED AS BIORETENTION AREA OR SWALE.

**NOTE 2:** PROVIDE ROAD GULLIES/CHANNEL DRAINS AS SHOWN AND DISCHARGE TO INFILTRATION TRENCH

**LEGEND**

- REFER TO BIORETENTION / SWALE DETAIL: A (C1210)
- REFER TO INFILTRATION TRENCH DETAIL: B (C1210)
- REFER TO TREE PIT DETAIL: F (C1210)
- REFER TO TREE PIT DETAIL: H (C1211)
- REFER TO TREE PIT DETAIL: I (C1211)

**LEGEND**

- PROPOSED STANDARD ROOF AREA TO RUN OFF DIRECT TO SURFACE WATER NETWORK (7,659m<sup>2</sup>)
- PROPOSED INTENSIVE GREEN ROOF AREA (10,877m<sup>2</sup>)
- PROPOSED INTENSIVE GREEN ROOF AREA OVER PODIUM (5,884m<sup>2</sup>)
- PROPOSED SEDUM BLANKET EXTENSIVE GREEN ROOF AREA (233m<sup>2</sup>)
- ATTENUATION TANK
- PERMEABLE PAVEMENT OR PAVEMENT DRAIN INTO INFILTRATION TRENCH ON GRADE TO LANDSCAPE ARCHITECT'S SPECIFICATION.
- POROUS SURFACED BALL COURT / PLAYING SURFACE (PERMEABLE)
- SOFT LANDSCAPING PLANTING (PERMEABLE)
- ROAD SURFACE DRAINED INTO PETROL INTERCEPTOR BEFORE BE ATTENUATED INTO THE TANK ASPHALTIC CONCRETE FINISH (IMPERMEABLE)
- ROAD SURFACE DRAINED INTO GRAVEL STRIP / TREE PIT ASPHALTIC CONCRETE FINISH (IMPERMEABLE)
- IMPERMEABLE PAVEMENT ON GRADE TO LANDSCAPE ARCHITECT'S SPECIFICATION DRAINED INTO GRAVEL STRIP
- BYPASS OIL SEPARATOR
- DOWNSTREAM DEFENDER
- SILT TRAP MANHOLE
- EX. TREES ROOT PROTECTION ZONE

**KEY PLAN**  
SCALE @ A1: 1:5000  
SCALE @ A2: 1:1000

**DISTRIBUTION OF ROOF TYPES PROPOSED**

TOTAL "ROOFED" AREA = 24,598m<sup>2</sup>

**SUDS CRITERIA AS PER GSDS**  
Refer also to Civil Engineering Infrastructure Report for Planning Document No: 19253-IR-01

**PROPOSED SuDS SCHEME SITE PLAN LAYOUT - SHEET 1 OF 2**

SCALE @ A1: 1:500  
SCALE @ A2: 1:100

PL3	18.08.21	ISSUED FOR PLANNING APP.	SH	MS	CS
PL2	31.03.21	ISSUED FOR OCC APPROVAL	SH	MS	CS
PL1	20.11.20	ISSUED FOR PRE-PLANNING APP.	SH	MS	CS
ISSUE	DATE	DESCRIPTION	DRS	P.E.	SL

**PLANNING**

**BM**  
Dunne Office: Sandwell House, 53-54 Lower Sandwell Street, Dublin 2, Ireland. Tel: 011 872 2500 Fax: 011 877 2184  
London Office: 12 Mill Street, London SE1 3AY, United Kingdom Tel: (0044) 20 3750 3530  
Consulting Engineers, Civil, Structural, Project Management & Real Estate Intelligence in Web: www.bm.ie

**ACEI**  
The Institution of Structural Engineers

CLN-19253-IR-01  
CWTC Multi Family ICAV acting on behalf of its sub-fund DBTR DR1 Fund

PROJECT TITLE	PROJECT No.
Holy Cross College SHD	19.253

MODEL REFERENCE: MODEL REV: SUBMITTAL:

DRAWING TITLE: PROPOSED SuDS SCHEME SITE PLAN LAYOUT SHEET 1 OF 2

DRAWING No. CLN-BMCE-50-ZZ-DR-C-1005-S1 PL3