



PROPOSED SuDS SCHEME SITE PLAN LAYOUT - SHEET 2 OF 2

SCALE @ A2: 1:500
SCALE @ A3: 1:100

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

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

KEY PLAN
SCALE @ A2: 1:500
SCALE @ A3: 1:100

LEGEND

- PROPOSED STANDARD ROOF AREA TO RUN-OFF DIRECT TO SURFACE WATER NETWORK (7,659m²)
- PROPOSED INTENSIVE GREEN ROOF AREA (10,877m²)
- PROPOSED INTENSIVE GREEN ROOF AREA OVER PODIUM (5,884m²)
- PROPOSED SEDUM BLANKET EXTENSIVE GREEN ROOF AREA (232m²)
- ATTENUATION TANK
- PERMEABLE PAVEMENT OR PAVEMENT DRAIN INTO INFILTRATION TRENCH ON GRADE TO LANDSCAPE ARCHITECT'S SPECIFICATION.
- POROUS SURFACED BALLCOURT / 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 IN TO GRAVEL STRIP
- BYPASS OIL SEPARATOR
- DOWNSTREAM DEFENDER
- STN SILT TRAP MANHOLE
- EX. TREES ROOT PROTECTION ZONE

DISTRIBUTION OF ROOF TYPES PROPOSED

1.0%
23.9%
30.9%
44.2%

TOTAL "ROOFED" AREA = 24,598m²

SUDS CRITERIA AS PER GDSDS
Refer also to Civil Engineering Infrastructure Report for Planning Document No. 19253-IR-01

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|-------|----------|------------------------------|-----|------|
| PL3 | 09.08.21 | ISSUED FOR PLANNING APP. | BM | BM |
| PL2 | 31.03.21 | ISSUED FOR DCC APPROVAL | BM | BM |
| PL1 | 20.11.20 | ISSUED FOR PRE-PLANNING APP. | BM | BM |
| ISSUE | DATE | DESCRIPTION | DRG | P.E. |

DRAWING STAGE: **PLANNING**

BM

BM PROJECT No: **19.253**

PROJECT TITLE: **Holy Cross College SHD**

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

DRAWING No: **CLN-BMCE-50-ZZ-DR-C-1005-S2**

CLN: **CWTC Multi Family ICAV acting on behalf of its sub-fund DBTR DR1 Fund**

PROJECT TITLE: **Holy Cross College SHD**

PROJECT No: **19.253**

MODEL REFERENCE: **+**

MODEL REV: **+**

SUITABILITY: **+**