



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

SUDS SURFACES LEGEND

- PERMEABLE PAVING WITH SUB-BASE BELOW
- DECKING WITH DRAINAGE TRAY BELOW
- RAIN GARDEN WITH DRAINAGE TRAY BELOW
- HARDSTANDING IMPERMEABLE SURFACE
- GREEN ROOF
- SOFT LANDSCAPING
- PODIUM PAVING/LANDSCAPING WITH DRAINAGE TRAY BELOW

INTERCEPTION STORAGE CALCULATION

LOCATION	PROPOSED FINISHES	AREA	INTERCEPTION STORAGE PROVIDED
BLOCK A/B/C ROOFS	ROOF - GREEN ROOF WITH UNDERLYING DRAINAGE TRAY TERRACE ROOF - DECKING WITH UNDERLYING DRAINAGE TRAY	0.2814ha	DRAINAGE TRAY WATER STORAGE CAPACITY = 13.5l/m ² x 2814 = 38m ³
GROUND FLOOR PODIUM	PODIUM - LANDSCAPING/PERMEABLE PAVING WITH SUB-BASE WITH UNDERLYING DRAINAGE TRAY	0.2156ha	DRAINAGE TRAY WATER STORAGE CAPACITY = 12.0l/m ² x 2156 = 25.9m ³
	TOTAL		38 + 25.9 = 63.9m ³

INTERCEPTION PROVISION AND TREATMENT TRAIN

AREA	INTERCEPTION	PRIMARY TREATMENT	SECONDARY TREATMENT
BLOCK A/B/C ROOFS	DRAINAGE TRAY BELOW ROOF FINISHES	GREEN ROOF	DISCHARGE ONTO GROUND LEVEL RAIN-GARDEN AND INFILTRATION TO PERFORATED DRAINAGE PIPES TO SILT TRAP MANHOLE
GROUND FLOOR PODIUM	DRAINAGE TRAY BELOW PODIUM FINISHES	PERMEABLE PAVING AND TREE PITS	DISCHARGE TO SILT TRAP MANHOLE VIA PERFORATED PIPES

SUDS STRATEGY LAYOUT
 SCALE @ A1: 1:300
 SCALE @ A3: 1:600

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P1	21.06.20	ISSUED FOR PRE-APPLICATION	AT	DOC	DOC
ISSUE	DATE	DESCRIPTION	DRN	P.F.	P.D.
			ORIG		

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CLIENT: **GLL PRS HOLDCO LIMITED**

PROJECT TITLE: **DEVELOPMENT AT HOWTH ROAD** BM PROJECT No. **19196**

DRAWING TITLE: **SUDS STRATEGY LAYOUT**

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