



ROOF AREA ATTENUATED WITHIN GREEN/BLUE ROOF/PODIUM 100mm STORAGE LAYER. SURFACE WATER CASCADES AT A CONTROLLED RATE INTO THE BELOW GROUND CELLULAR ATTENUATION STORAGE VIA CONNECTION TO THE PROPOSED SURFACE WATER SEWER NETWORK

SOFT LANDSCAPING AREA SURROUNDING BLOCK A PARTIALLY INFILTRATES INTO SOFT LANDSCAPING. EXCESS SURFACE WATER IS ATTENUATED IN THE BELOW GROUND CELLULAR STORAGE STRUCTURE VIA THE PROPOSED SURFACE WATER SEWER VIA LINEAR DRAINS/GULLIES.

AREA BETWEEN BLOCK A & B ATTENUATED WITHIN THE 500mm PERMEABLE PAVING BUILD-UP. EXCESS SURFACE WATER ATTENUATED IN THE BELOW GROUND CELLULAR STORAGE VIA LINEAR DRAINS/GULLIES

ROOF AREA ATTENUATED WITHIN GREEN/BLUE ROOF/PODIUM 100mm STORAGE LAYER. SURFACE WATER CASCADES AT A CONTROLLED RATE INTO THE BELOW GROUND CELLULAR ATTENUATION STORAGE VIA CONNECTION TO THE PROPOSED SURFACE WATER SEWER NETWORK

AREA SURROUNDING BLOCKS B & C DRAINS TO THE BELOW GROUND CELLULAR ATTENUATION STRUCTURE VIA THE PROPOSED SURFACE WATER SEWER VIA LINEAR DRAINS/ ROAD GULLIES.

Surface Type	Gross Area (ha)	Runoff Coefficient	Total Impermeable
Green/Blue Roof	0.141	0.9	0.127
Green/Blue Podium	0.141	0.9	0.126
Footpaths on Green/Blue Podium	0.063	0.9	0.057
Roof Area (Traditional)	0.056	1.0	0.056
Permeable Paving	0.012	0.8	0.010
Soft Landscaped Areas	0.040	0.3	0.012
Hard Landscaping Areas	0.083	1.0	0.083
Total	0.536		0.471

Surface Type	Gross Area (ha)	Runoff Coefficient	Total Impermeable Area (ha)
Hard Road Surfacing	0.27	1.00	0.270
Total	0.270		0.270

ON ORIGINAL

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NOTES:

SERVICES LEGEND

- PROPOSED GREEN/BLUE ROOF
- PROPOSED GREEN/BLUE TERRACE
- SOFT LANDSCAPING
- PERMEABLE PAVING
- HARD LANDSCAPING
- OWNERSHIP BOUNDARY
- PLANNING BOUNDARY
- SURFACE WATER CATCHMENT BOUNDARY
- FLOOD WALL

PO2	24-02-23	ISSUED FOR PLANNING	DKE	DCB
PO1	07-10-22	ISSUED FOR PLANNING	DKE	DCB
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		

client approval

suitability S2 - INFORMATION issue purpose PLANNING

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project ref.

RICHMOND ROAD PHASE II

drawing title

SURFACE WATER CATCHMENT PLAN

client

MALKEY LIMITED

designed by	author	scale	sheet size
DCB	DKE	1:250	A1
drawing no.	revision		
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