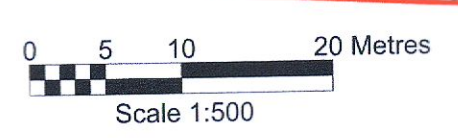


- Legend**
- DUB15/16 Proposed Attenuation Pond
 - Pond 1:3 Slope Extent Accommodating 1:100yr+20%CC rainfall event + free board
 - Landscape 1:6 Slope Extent from top of pond
 - Existing Attenuation Tank
 - Overall Catchment Area
 - Roof Catchment Area
 - Green Roof Catchment Area
 - Road Catchment Area
 - Concrete Catchment Area
 - Footpath Catchment Area
 - Permeable Carpark Catchment Area
 - Landscape Catchment Area

Attenuation Pond Catchment Area Summary

Total Catchment Area	4.053	ha
Total Impermeable Area	3.294	ha
Qbar	1.99	l/s/ha
Hydrobrake discharge limited to	8.06	l/s
Areas brake up		
	m2	Runoff coefficient
Roof	15213.0	1.00
Green Roof	1832.1	0.40
Road	4989.2	1.00
Concrete	5793.8	1.00
Footpath	1868.4	0.95
Permeable Carpark	1097.6	0.50
Landscape	9743.4	0.40
	40537.5	0.81

Proposed Pond will cater only for area outlined in blue. No run-off from existing development will go through Proposed Pond. The run-off from existing development will be collected and attenuated by existing drainage system.



C01	24/05/22	CDS	CDS	JMAC
Issued for Planning RFI Response Clarification				
Rev	Date	By	Chkd	Appd



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Project Title
INXN DUB15/16

Drawing Title
Proposed Attenuation Pond
Catchment Areas

Scale at A1
1:500

Role	Civil
Suitability	Planning RFI Response
Arup Job No	280503-00
Name	IE-DUBZZ-STE1-EO-ARP-DR-C-0140
Rev	C01