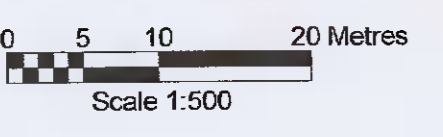


**Legend**

- 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
- Catchment Area going to Swales
- Catchment Area going to Full Retention Petrol Interceptors

**Attenuation Pond Catchment Area Summary**

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



C03	14/03/22	CDS	CDS	JMAC
Issued for Planning RFI Response				
C02	04/02/22	CDS	CDS	JMAC
Issued for Planning RFI Response				
C01	28/07/21	DF	CDS	JMAC
Issued for Planning				
Rev	Date	By	Chkd	Appd



Client  
Digital Netherlands VIII B.V.  
(Netherlands)

Project Title  
INXN DUB15/16

Drawing Title  
Proposed Surface Water Attenuation  
Catchment Areas

Scale at A1  
1:500

Role	Civil
Subsidiarity	Planning RFI Response
Arup Job No	280503-00
Rev	C03
Name	IE-DUBZZ-STE1-EO-ARP-DR-C-0105