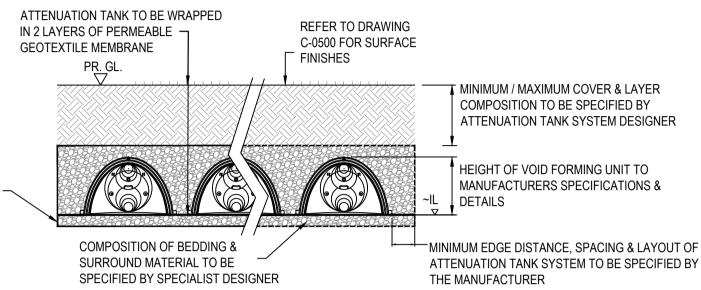


TYPICAL ATTENUATION SYSTEM - ISOLATOR ROW ARRANGEMENT

AT



TYPICAL CROSS- SECTION THROUGH ATTENUATION SYSTEM

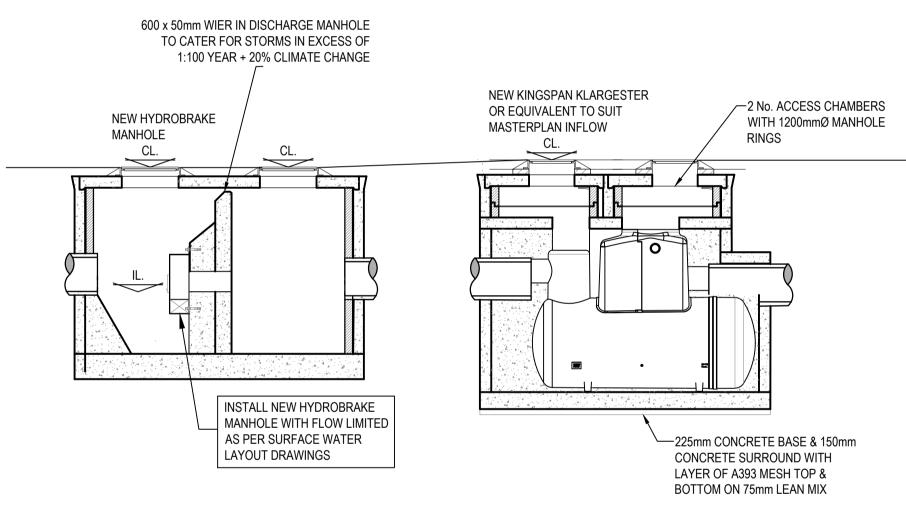
SCALE: 1:50

BUILD-UP OF BASE &

SYSTEM DESIGNER

BY ATTENUATION TANK

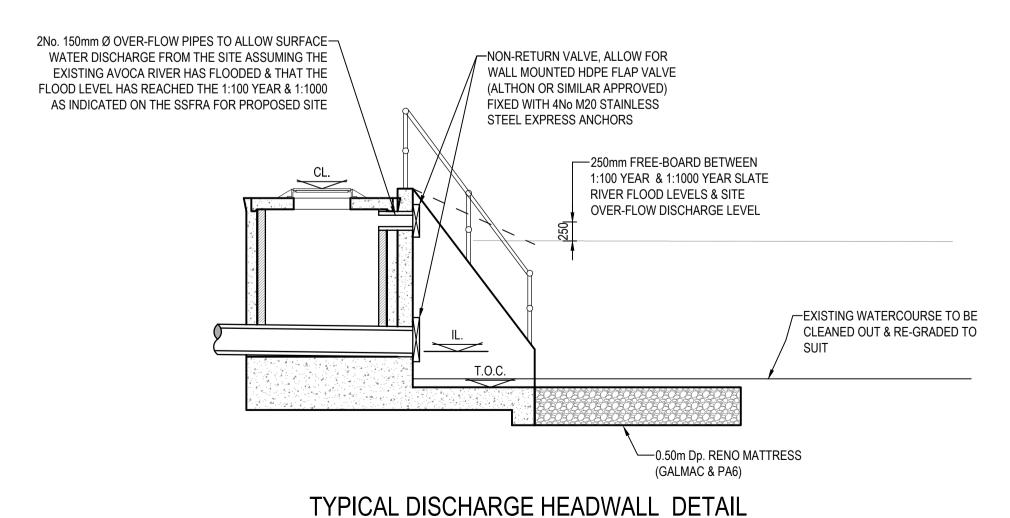
MATERIAL TO BE SPECIFIED



TYPICAL HYDROBRAKE MANHOLE/ PETROL INTERCEPTOR DETAIL

SCALE 1:50

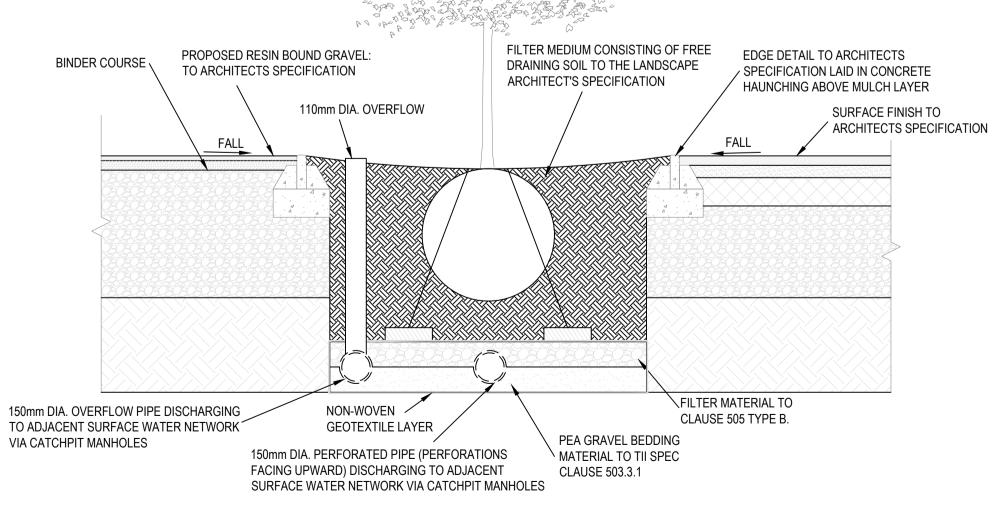
SCALE 1:50



1200x1200 INSITU R.C. OUTFLOW MANHOLE. CAPPED OVERFLOW / CLEANING ACCESS TO PERFORATED PIPE @ 4.5m C/C OUTLET PIPE TO SURFACE \ WATER DRAINAGE SYSTEM 150Ø PERFORATED UNDERDRAIN MAX. SLOPE 1:4 - INDICATED THUS COLLECTOR PIPE WITH NON-WOVEN PERMEABLE GEOTEXTILE WRAP. 100Ø PERFORATED UNDERDRAIN PIPE DRAINS TO OUTLET MANHOLE WITH NON-WOVEN PERMEABLE GEOTEXTILE WRAP. DRAINS TO MAIN 150Ø UNDERDRAIN COLLECTOR PIPE

TYPICAL PLAN DETAIL OF BIO-RETENTION AREA

LIGHTWEIGHT FREE DRAINING SANDY SOIL FILTER MEDIUM TO LANDSCAPE ARCHITECT'S DETAILS (MIN. 750MM) MIN. _ 90% SAND, MAX. 5% CLAY & MAX. 5% ORGANIC MATTER. PLANTING TO LANDSCAPE SAND MEDIUM TO COARSE (0.2mm-2.0mm). PERMEABILITY - ARCHITECTS DETAILS TO COMPLY OF THE FILTER MEDIUM 100mm-300mm PER HOUR. WITH SUDS MANUAL CIRIA C697 75mm ORGANIC MULCH TO LANDSCAPE 100mm MAX WATER PONDING ARCHITECT'S SPECIFICATION 50mm STEP IN GRASS **DEPTH (NORMAL CIRCUMSTANCES** CAPPED OVERFLOW/CLEANING ACCESS
TO PERFORATED PIPE @ 4.5m C/C BRINK ALL AROUND 7 UP TO 3% AEP FLOOD EVENT) /MAX. SLOPE 1:4 _NON-WOVEN GEOTEXTILE TO BE IN ACCORDANCE WITH THE SPECIFICATION NOTED ON THIS DRAWING -100mm SAND FILTER MEDIA 0.5mm TO 1.0mm SIZE -4/40mm STONE DRAINAGE LAYER TO IS EN 13242 OUTLET PIPE TO SURFACE — 150Ø PERFORATED UNDERDRAIN 100Ø PERFORATED UNDERDRAIN PIPE WATER DRAINAGE SYSTEM COLLECTOR PIPE WITH NON-WOVEN WITH NON-WOVEN PERMEABLE 1200x1200 INSITU R.C. PERMEABLE GEOTEXTILE WRAP. DRAINS GEOTEXTILE WRAP. DRAINS TO MAIN IMPERMEABLE LINER OUTFLOW MANHOLE -150Ø UNDERDRAIN COLLECTOR PIPE TO OUTLET MANHOLE. FALL @ 1:200. Scale 1:50



TYPICAL DETAIL OF BIORETENTION TREE PIT

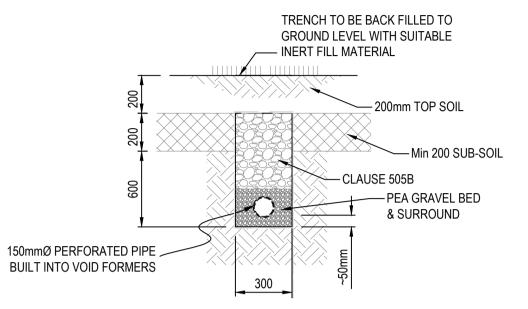
SCALE: 1:20

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GENERAL NOTES:

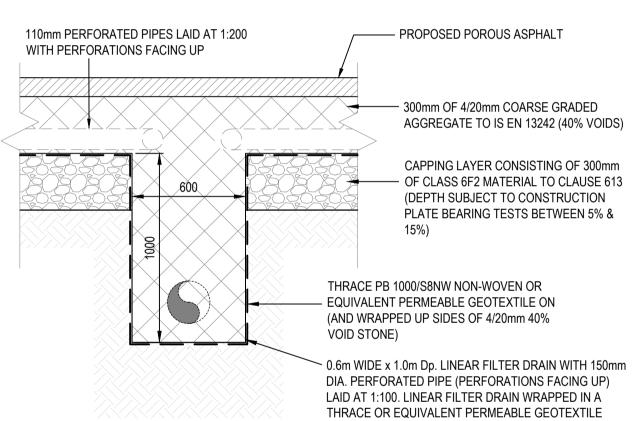
- 1. REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION
- 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER
- RELEVANT ENGINEER'S DRAWINGS AND SPECIFICATIONS
 3. USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
- 4. FOR ALL FLOOR LEVELS, ROAD LEVELS & ALL EXTERNAL YARD / GARDEN LEVELS REFER TO ARCHITECT'S DRAWINGS
- 5. REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND

MANHOLE INFORMATION



TYPICAL LAND DRAIN DETAIL

SCALE: 1:20



TYPICAL FILTER DRAIN DETAIL

S2.P04 ISSUED FOR PLANNING

DOBA2432

SCALE: 1

PLANNING ISSUE

19.05.2025 KD

S2

S2.P03	S2.P03 ISSUED FOR INFORMATION								16.04.2025)	MJC
S2.P02 ISSUED FOR S32B								25.10.2024		KD		MJC
S2.P01 DRAFT ISSUE								18.10.2024		NQ)	MJC
Rev.	Rev. Note								ate		awn	Check
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Client:	CERTAIN ASSETS OF DAWNHILL AND WINDHILL LIMITED											
Project: LANDS AT KILBRIDE, ARKLOW, Co. WICKLOW												
Drawing Title: TYPICAL SuDS DETAILS												
Drawn By	y:	Checked By:		Approved By:	Date:		Scale:		Sheet Size:			
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