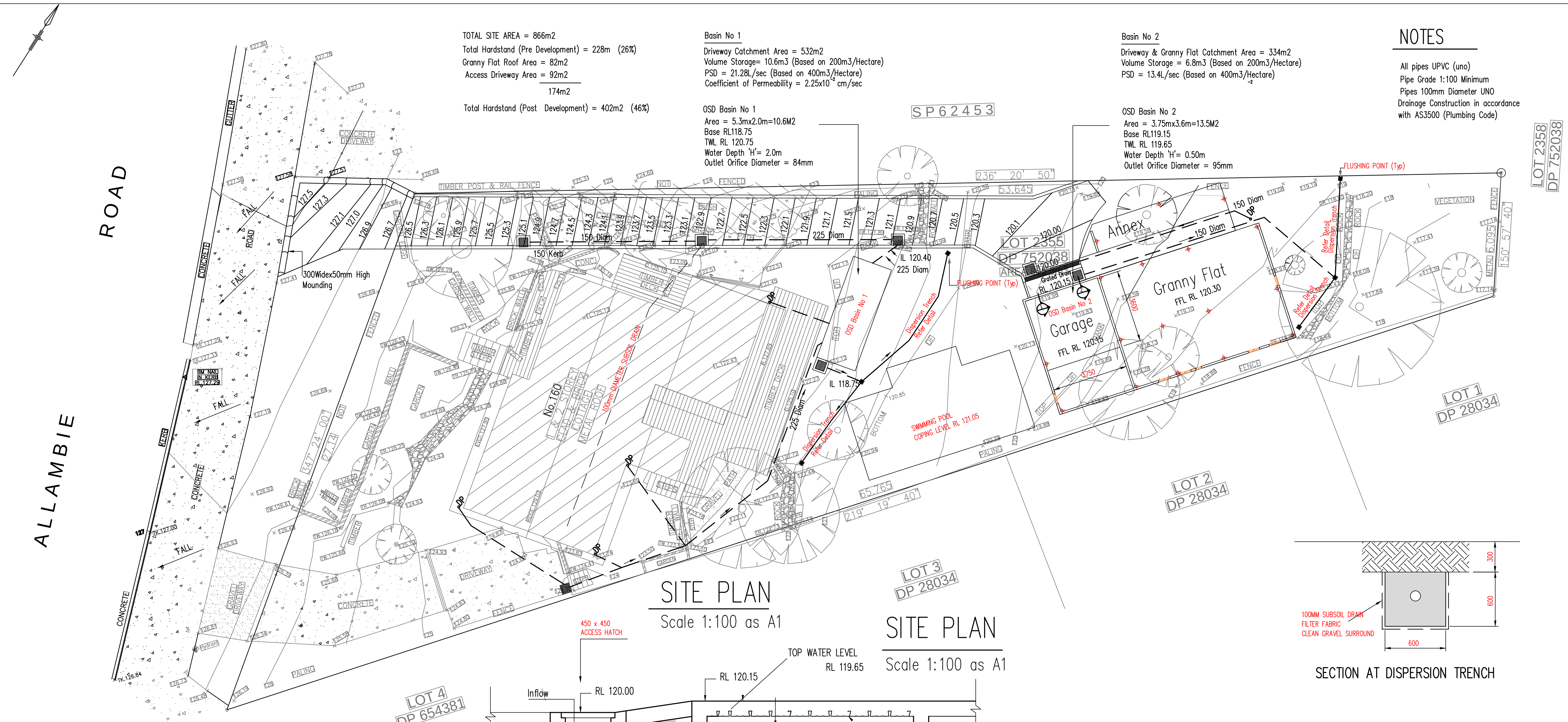




TOTAL SITE AREA = 866m²
Total Hardstand (Pre Development) = 228m² (26%)
Granny Flat Roof Area = 82m²
Access Driveway Area = 92m²
174m²
Total Hardstand (Post Development) = 402m² (46%)

Basin No 1
Driveway Catchment Area = 532m²
Volume Storage= 10.6m³ (Based on 200m³/Hectare)
PSD = 21.28L/sec (Based on 400m³/Hectare)
Coefficient of Permeability = 2.25x10⁻² cm/sec

OSD Basin No 1
Area = 5.3mx2.0m=10.6M²
Base RL118.75
TWL RL 120.75
Water Depth 'H'= 2.0m
Outlet Orifice Diameter = 84mm

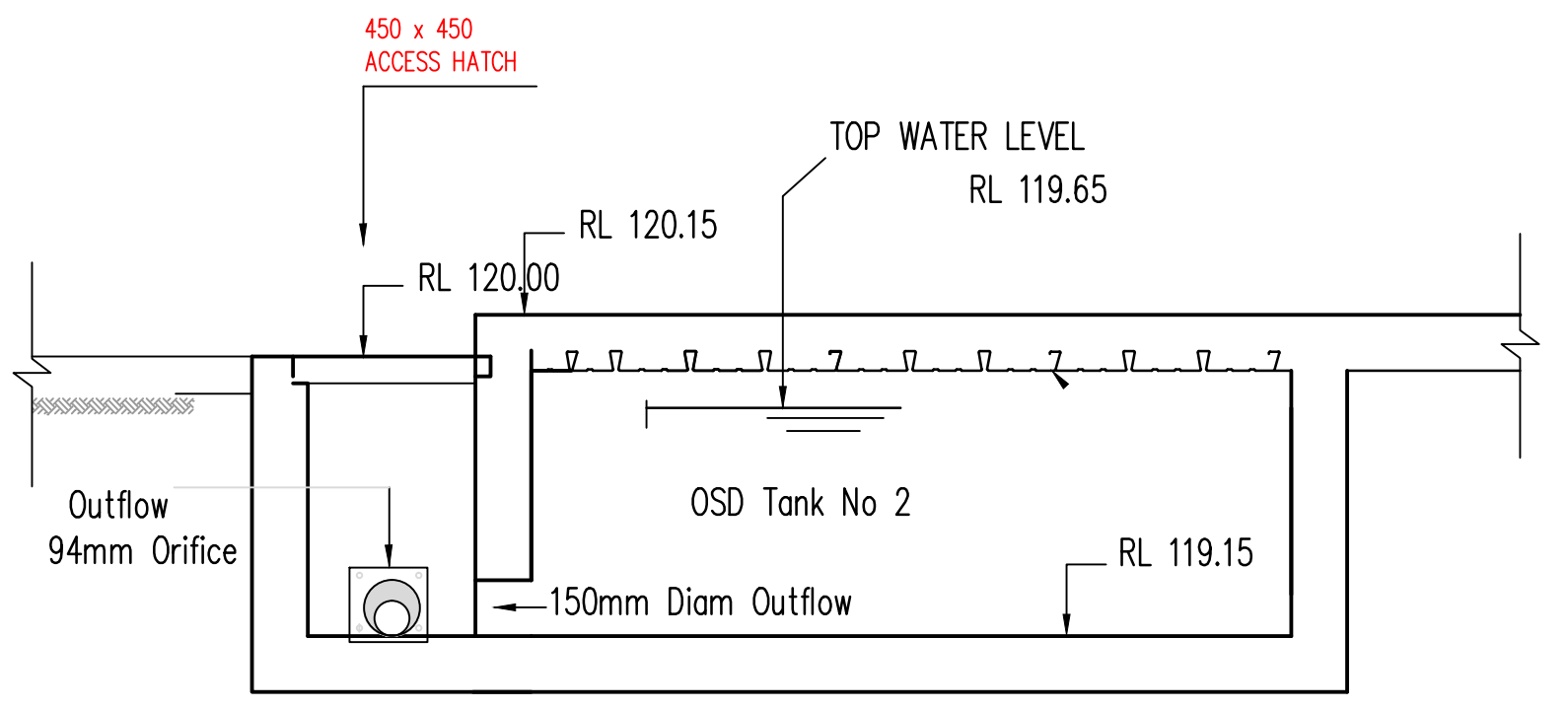
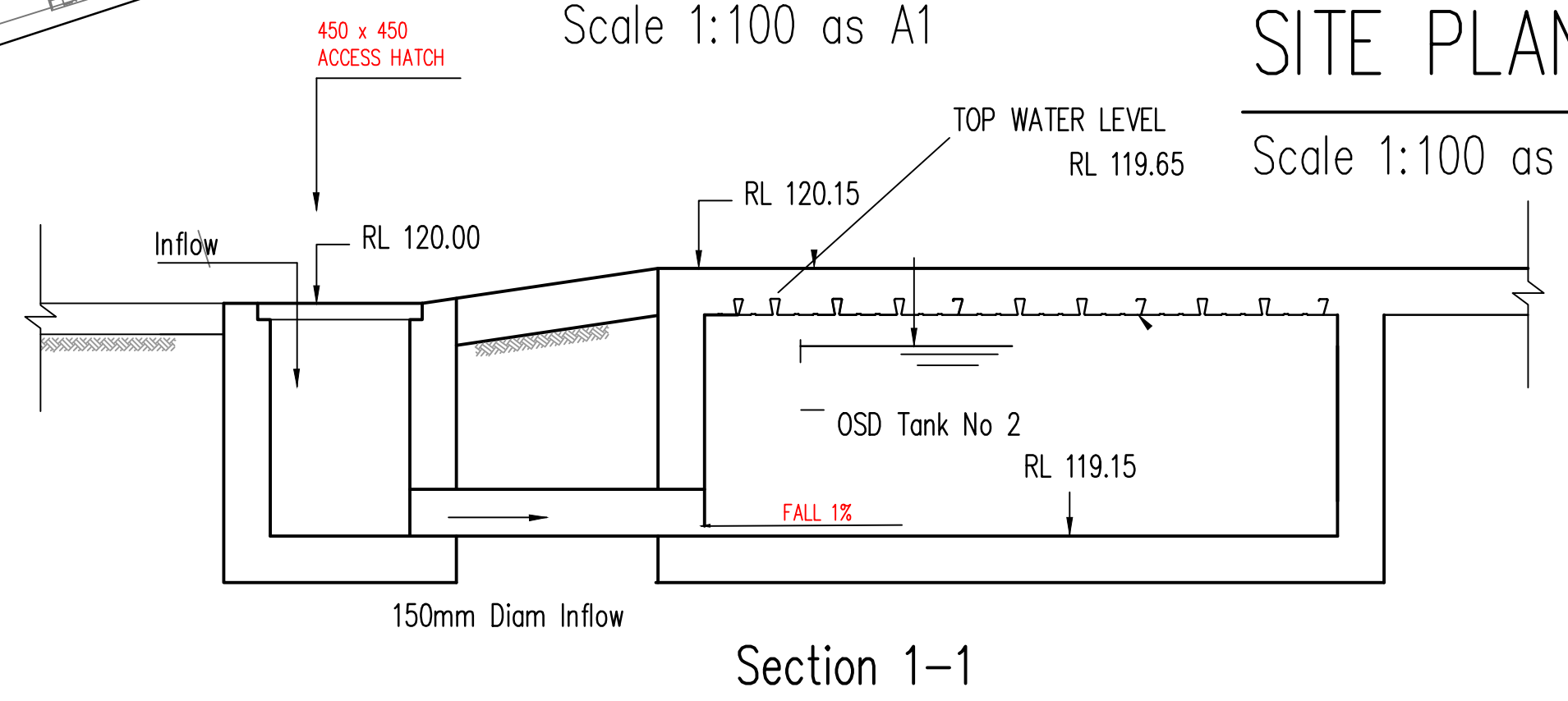
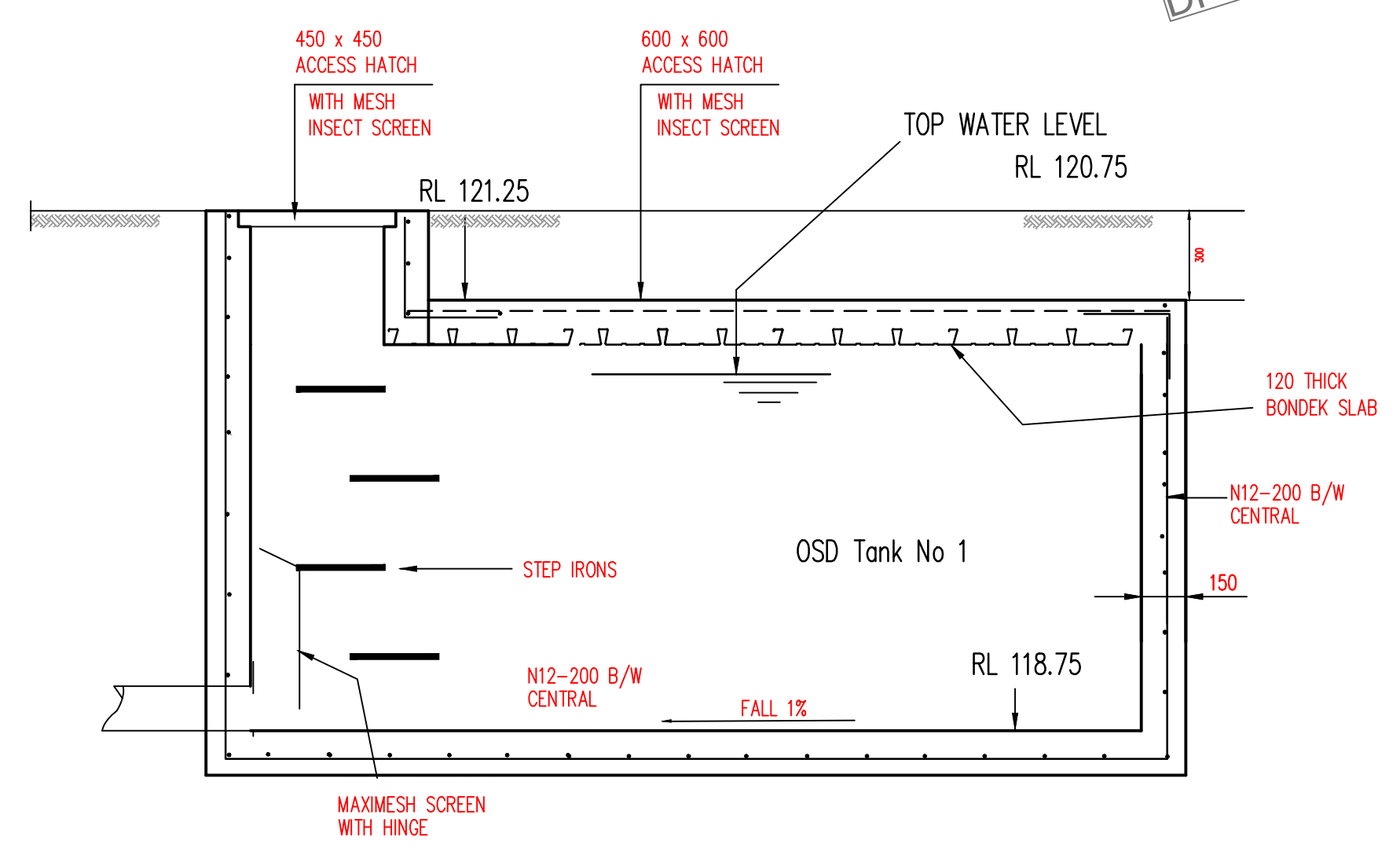
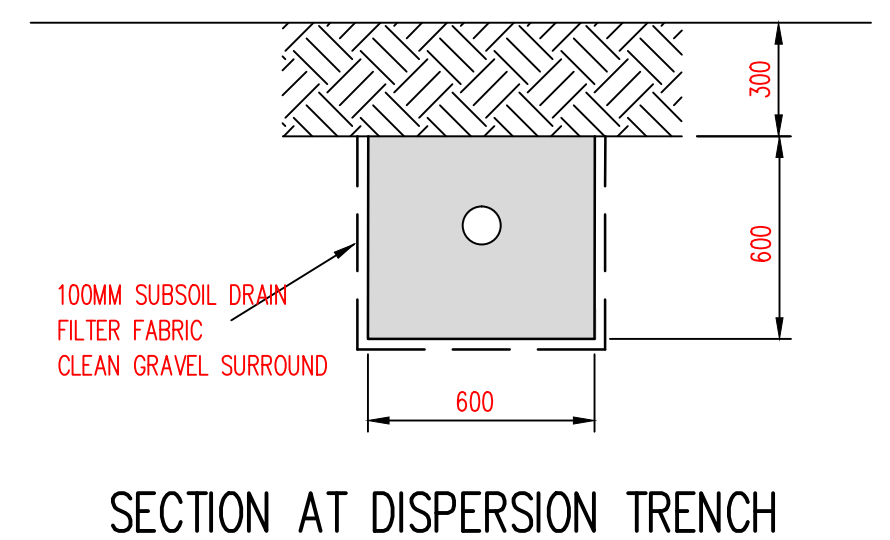
Basin No 2
Driveway & Granny Flat Catchment Area = 334m²
Volume Storage = 6.8m³ (Based on 200m³/Hectare)
PSD = 13.4L/sec (Based on 400m³/Hectare)

OSD Basin No 2
Area = 3.75mx3.6m=13.5M²
Base RL119.15
TWL RL 119.65
Water Depth 'H'= 0.50m
Outlet Orifice Diameter = 95mm

NOTES
All pipes UPVC (uno)
Pipe Grade 1:100 Minimum
Pipes 100mm Diameter UNO
Drainage Construction in accordance with AS3500 (Plumbing Code)

SITE PLAN
Scale 1:100 as A1

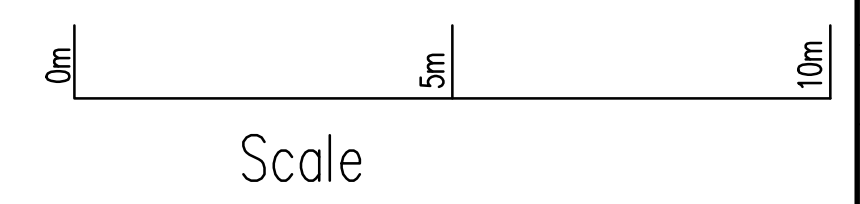
SITE PLAN
Scale 1:100 as A1



Section 1-1

Section 2-2

DRIVEWAY SECTION
Scale 1:20 as A1



B	15.09.16	Amended for Stormwater Dispersal	GPH
A	12.06.16	For Approval	GPH
---	16.05.16	For Approval	GPH
REVISION	DATE		BY
GEOFF HOPKINS & ASSOCIATES CONSULTING STRUCTURAL & CIVIL ENGINEERS 7 LATONA STREET, WEST PYMBLE N.S.W. 2073 Tel. 9488 88635 Fax 9488 8635 Mobile 0419 600545 Email : ghop@bigpond.net.au			
PROPOSED RESIDENCE (GRANNY FLAT) 160 ALLAMBIE ROAD, ALLAMBIE HEIGHTS			
SITE LAYOUT - CIVIL WORKS			
APPROVED	DATE	SCALE	DRAWN
	12/04/2016	1/100	GPH
DWG No.	REVISION	JOB No.	
C1	B	92843	