

# PROPOSED RESIDENTIAL DEVELOPMENT 101 NUWARRA ROAD, MOOREBANK STORMWATER CONCEPT DESIGN



LOCALITY PLAN  
NOT TO SCALE  
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DRAWING REGISTER			
SHEET No.	No.	TITLE	REV
1	SW100	COVER SHEET	A
2	SW200	STORMWATER CONCEPT DESIGN - BASEMENT 02 PLAN	A
3	SW201	STORMWATER CONCEPT DESIGN - LOWER GROUND FLOOR PLAN	A
4	SW202	STORMWATER CONCEPT DESIGN - UPPER GROUND FLOOR PLAN	A
5	SW203	STORMWATER CONCEPT DESIGN - ROOF PLAN	A
6	SW300	STORMWATER CONCEPT DESIGN - DETAILS SHEET	A
7	SW400	EROSION AND SEDIMENT CONTROL - PLAN AND DETAILS	A
8	SW500	STORMWATER CONCEPT DESIGN - MUSIC CATCHMENT PLAN	A



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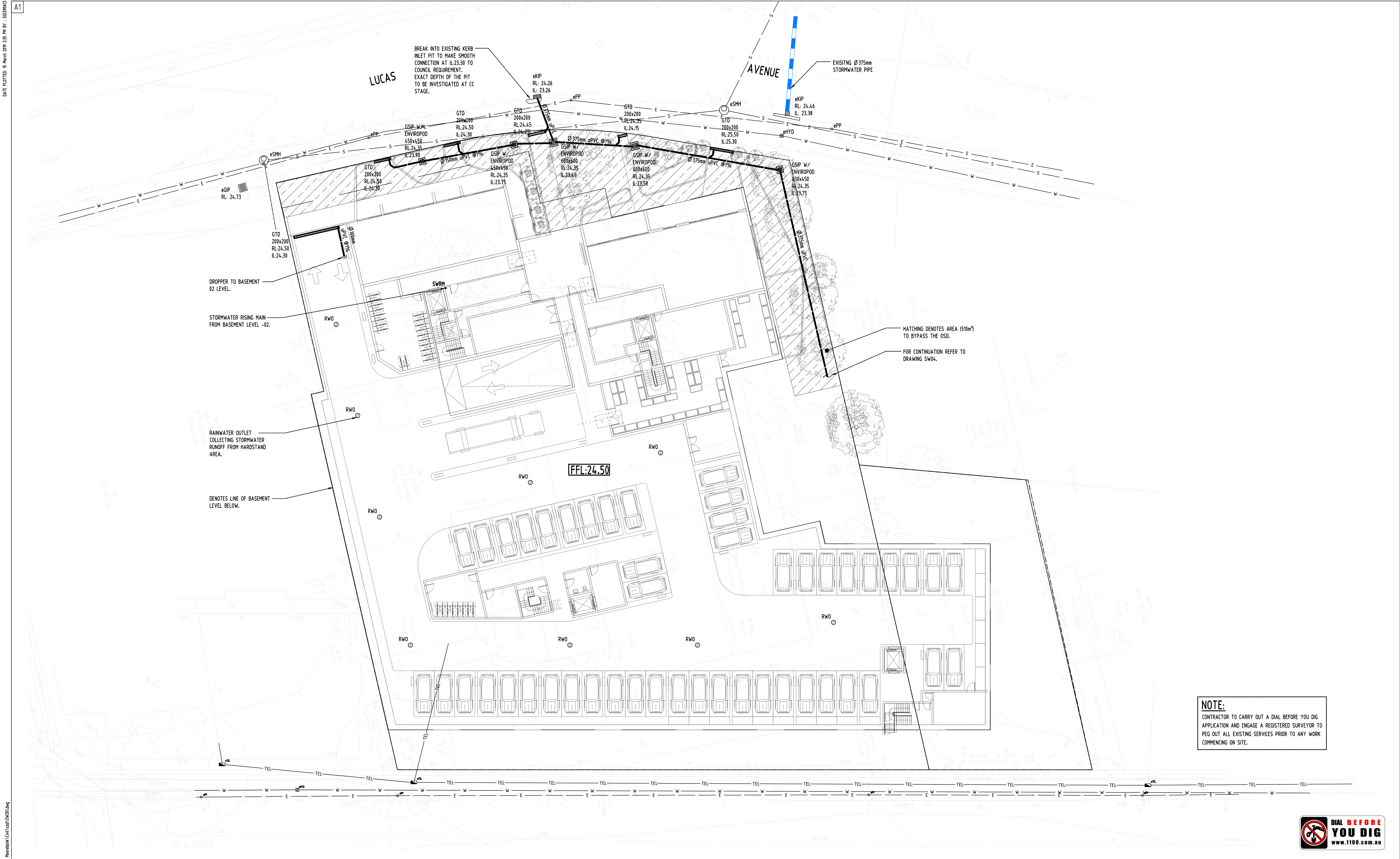
**ARCHITECT:**  
  
KENNEDY  
ASSOCIATES

**CLIENT :**  
  
OMAR ABDUL-RAHMAN







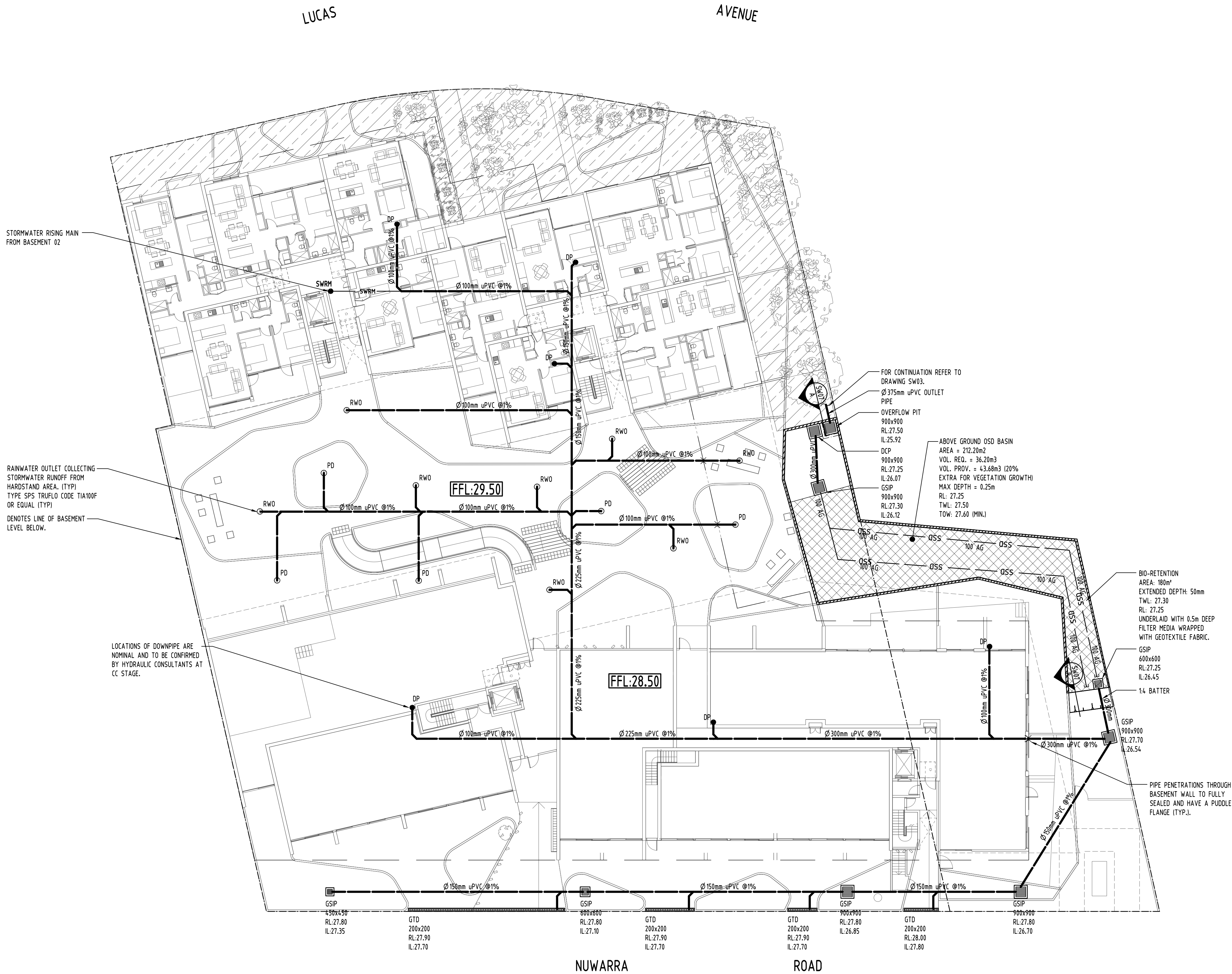


**NOTE:**  
CONTRACTOR TO CARRY OUT A DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO ANY WORK COMMENCING ON SITE.



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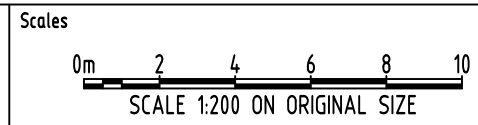


Reference Coordination Drawing				
Discipline	Drawing Title and Number	Date	Rev.	
ARCH				
ARCH				
STRUCT				
MECH				
ELEC				
HYD				
FIRE				
LANDS				
CIVIL				
SURVEY				

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QUALITY CONTROL			
DRAWN	JH	DATE	15.03.19
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DESIGNED	JH	DATE	15.03.19
VERIFIED	SH	DATE	15.03.19
APPROVED	SH	DATE	15.03.19

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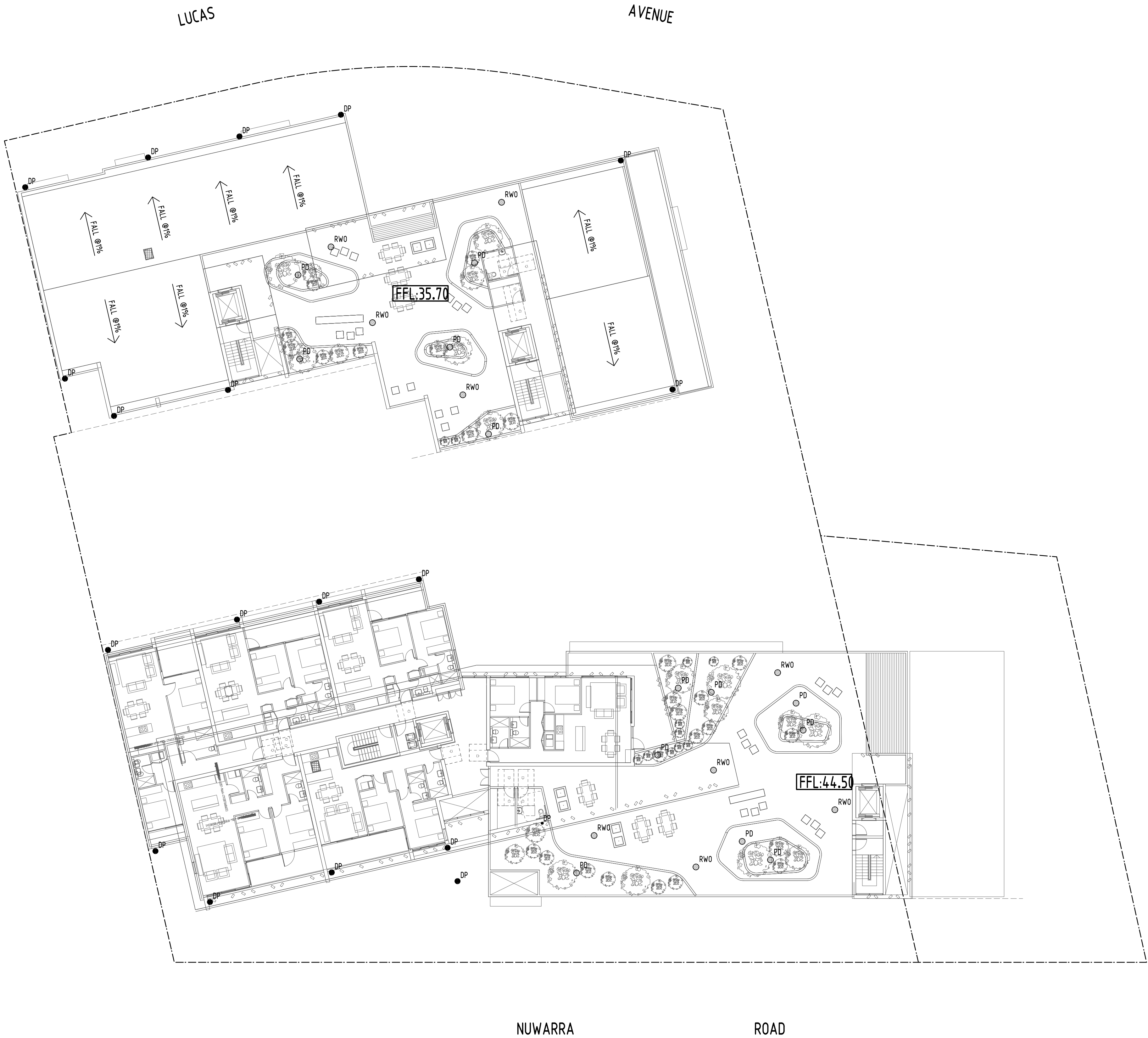
PROJECT  
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RESIDENTIAL DEVELOPMENT  
101 NUWARRA ROAD, MOOREBANK

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	4 of 8	1:200 @ A1

Drawing Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Drawing Title	STORMWATER CONCEPT DESIGN UPPER GROUND FLOOR PLAN		
Project No	Drawing No	Revision No	
20190035	SW202	A	



**NOTE:**  
DOWNPIPE (DP), PLANTER DRAIN (PD), RAIN WATER OUTLET (RWO) AND DROPPER LOCATIONS ARE INDICATIVE ONLY AND ARE SUBJECT TO FUTURE DESIGN DURING CONSTRUCTION CERTIFICATE.



Reference Coordination Drawing				
Discipline	Drawing Title and Number	Date	Rev.	
ARCH				
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STRUCT				
MECH				
ELEC				
HYD				
FIRE				
LANDS				
CIVIL				
SURVEY				

A ISSUE FOR DA				
Issue	Last revision title	by	Date	Status
1		JH	15.03.2019	2

Issuer internal sequence and revision history

1-preliminary	2-development application	3-construction certificate
4-tender	5-construction	6-other




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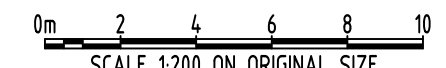
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Scales



SCALE 1:200 ON ORIGINAL SIZE

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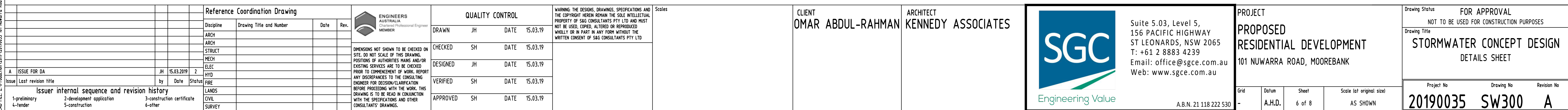
PROJECT  
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101 NUWARRA ROAD, MOOREBANK

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-	A.H.D.	5 of 8	1:200 @ A1

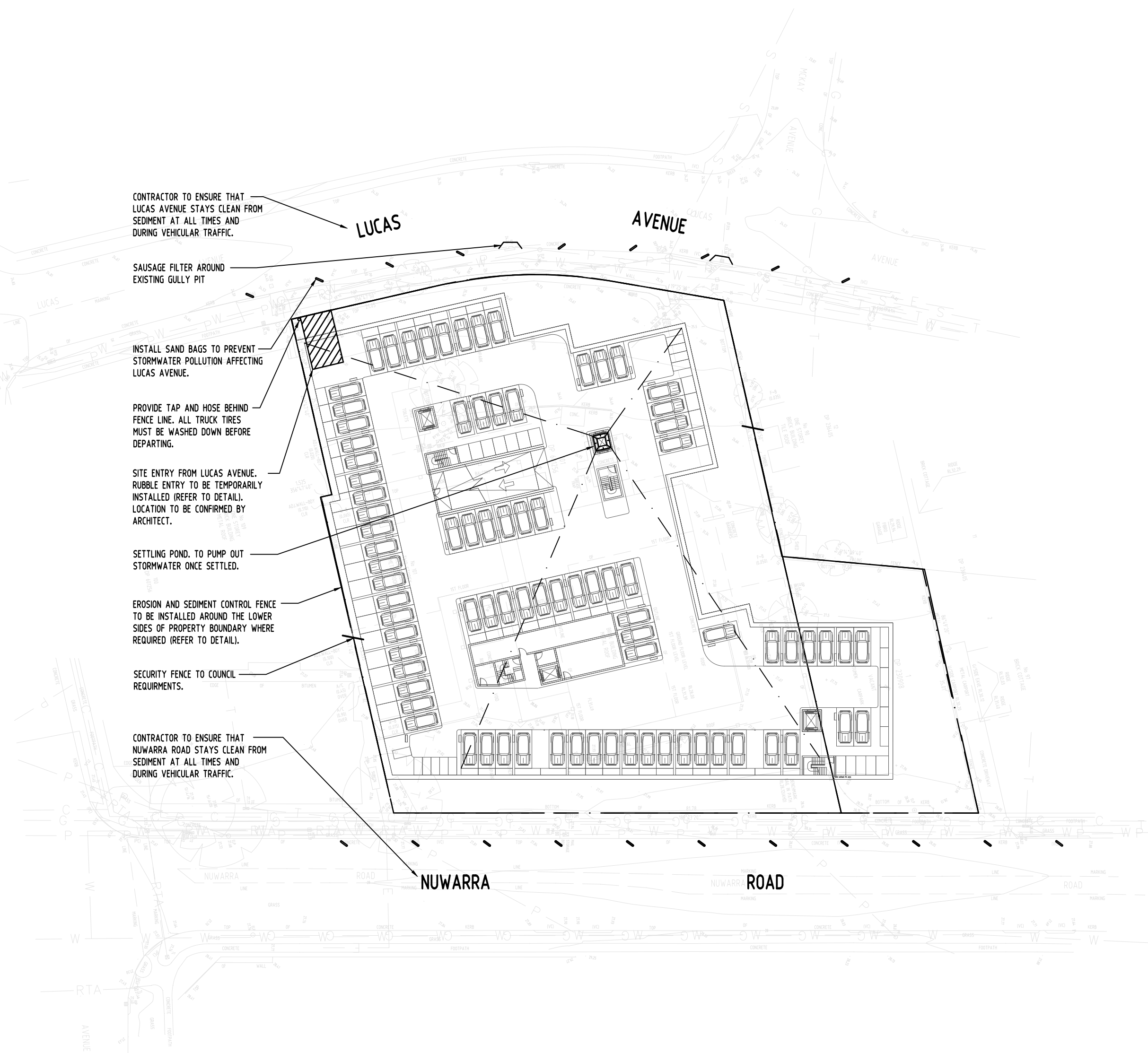
Drawing Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Drawing Title	<b>STORMWATER CONCEPT DESIGN ROOF PLAN</b>		
Project No	Drawing No	Revision No	
<b>20190035</b>	<b>SW203</b>	<b>A</b>	











## EROSION & SEDIMENTATION CONTROL NOTES

- CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. THE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- NO PARKING OR STOCKPILING OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

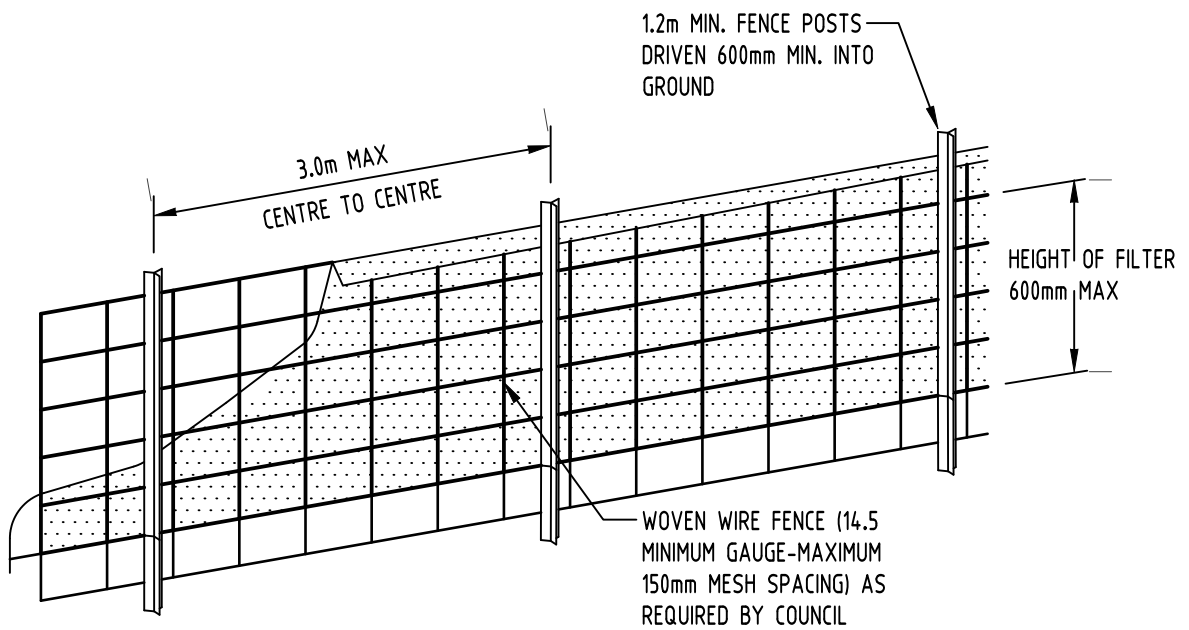
## GENERAL NOTES

- THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADAPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
- ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

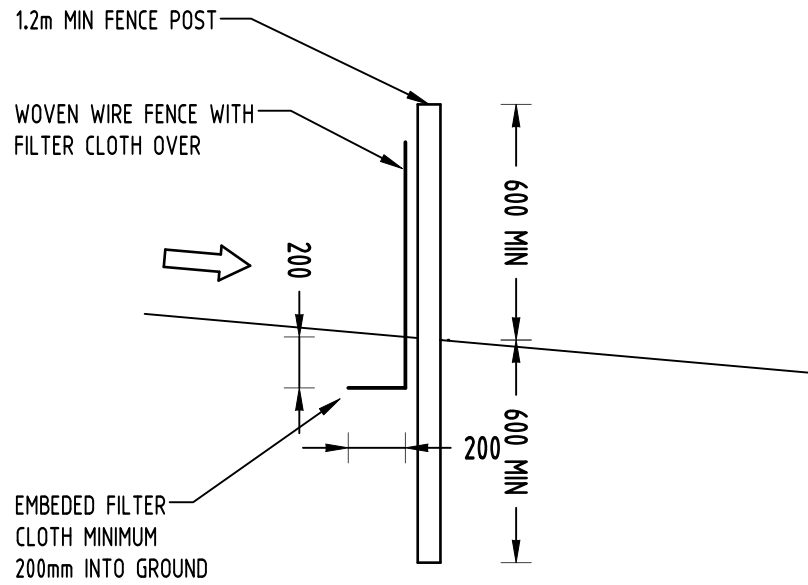
## CLAY SOILS

A SYSTEM SHALL BE INSTALLED TO EITHER:

- TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
- TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATION ACT (POEO 1997) AND SHALL BE APPROVED BY LOCAL COUNCIL

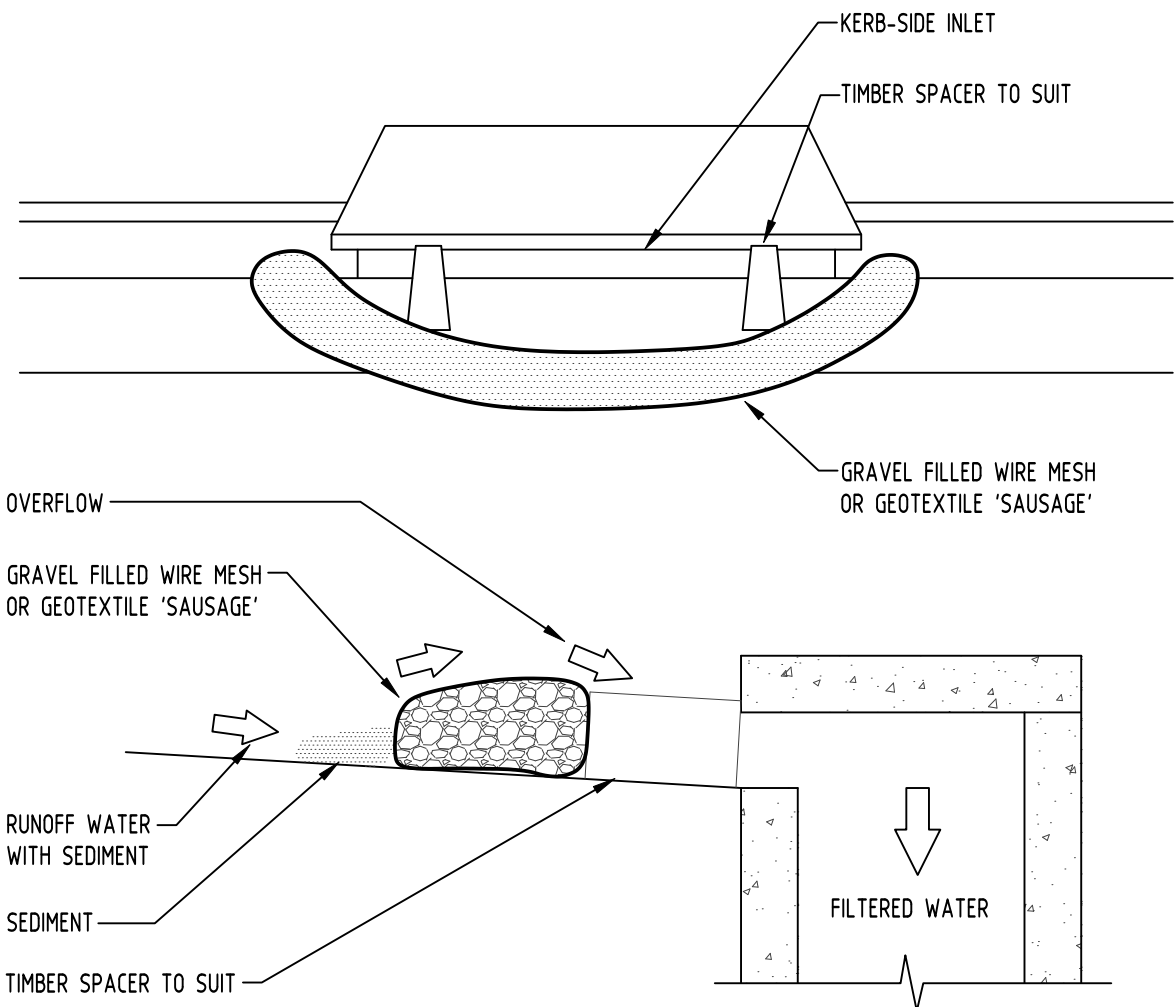


DIAGRAMMATIC VIEW



TYPICAL SECTION

4 DETAIL SEDIMENT FENCE NOT TO SCALE



3 DETAIL GRAVEL INLET FILTER (SAUSAGE) NOT TO SCALE

### CONSTRUCTION NOTES:

FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAT THE LENGTH OF THE INLET PIT

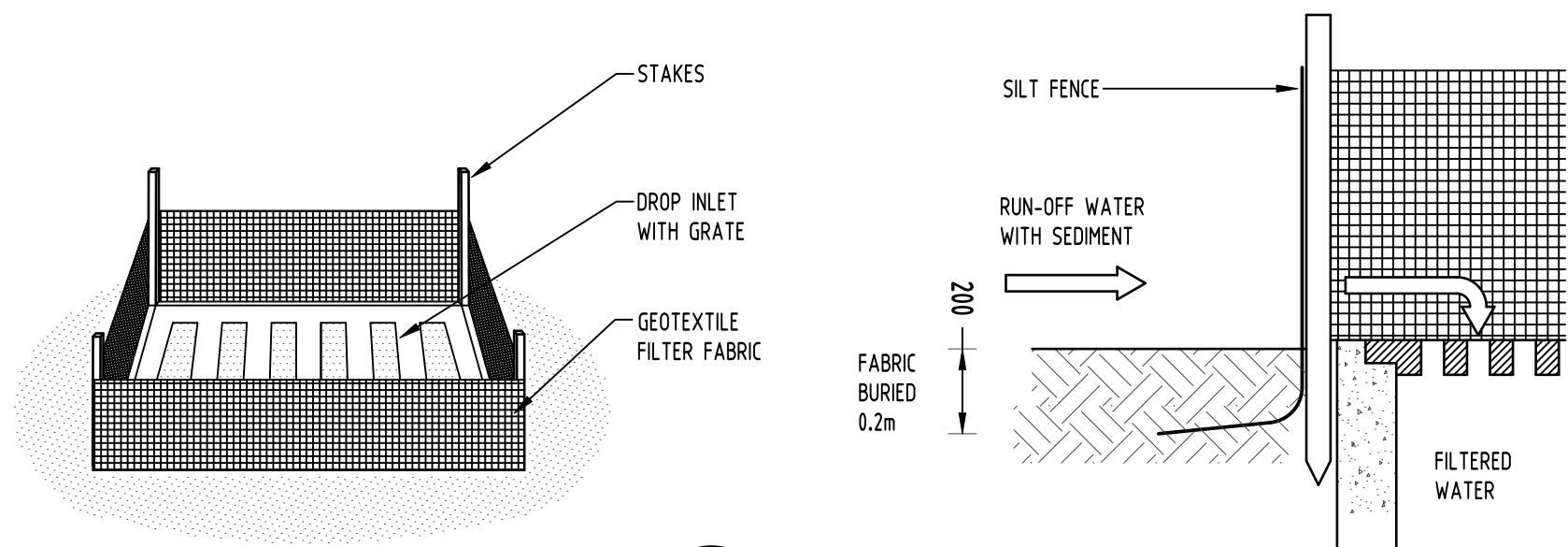
FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL

FORM AN ELLIPTICAL CROSS-SECTION OF THE KERB INLET LEAVING A 100mm GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY

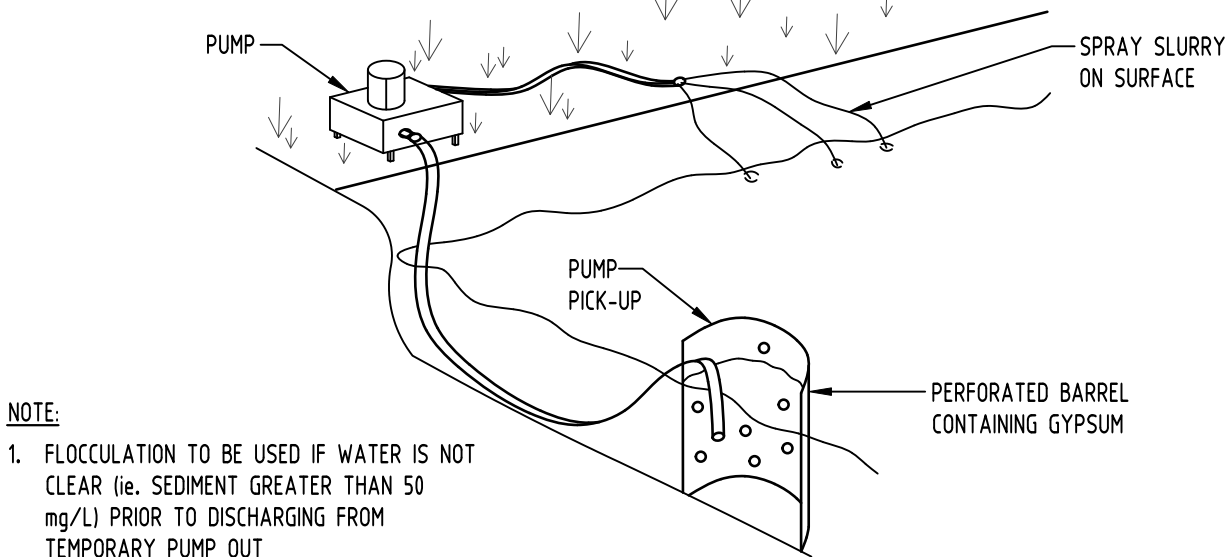
MAINTAIN THE OPENING WITH SPACER BLOCKS

FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER

FIT TO ALL KERB INLETS AT SAG POINTS



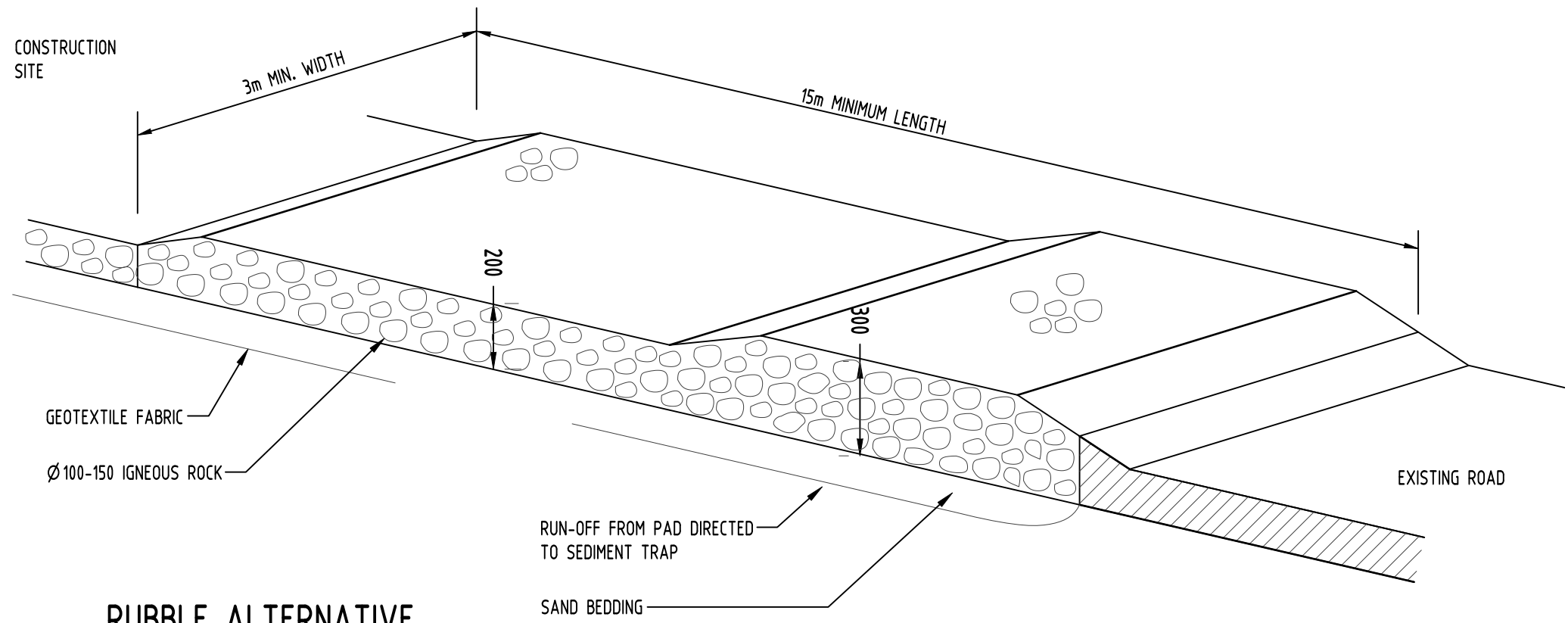
1 DETAIL SUMP SEDIMENT TRAP NOT TO SCALE



2 DETAIL FLOCCULATION DETAIL NOT TO SCALE

### NOTE:

- FLOCCULATION TO BE USED IF WATER IS NOT CLEAR (ie. SEDIMENT GREATER THAN 50 mg/L) PRIOR TO DISCHARGING FROM TEMPORARY PUMP OUT
- FOR RATES & AGENTS SEE APPENDIX E OF NEW SOUTH WALES DEPARTMENT OF HOUSING "MANAGING URBAN STORMWATER SOILS & CONSTRUCTION".



RUBBLE ALTERNATIVE

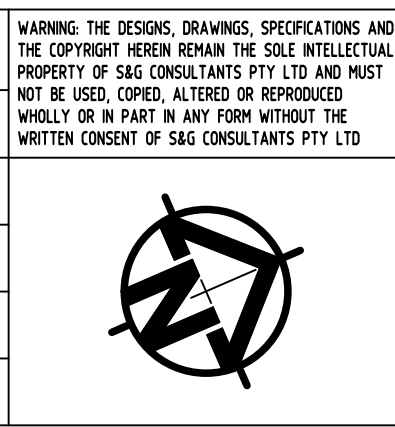
5 DETAIL TEMPORARY CONSTRUCTION EXIT NOT TO SCALE

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
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HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

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0m 5 10 15 20 25  
SCALE 1:500 ON ORIGINAL SIZE

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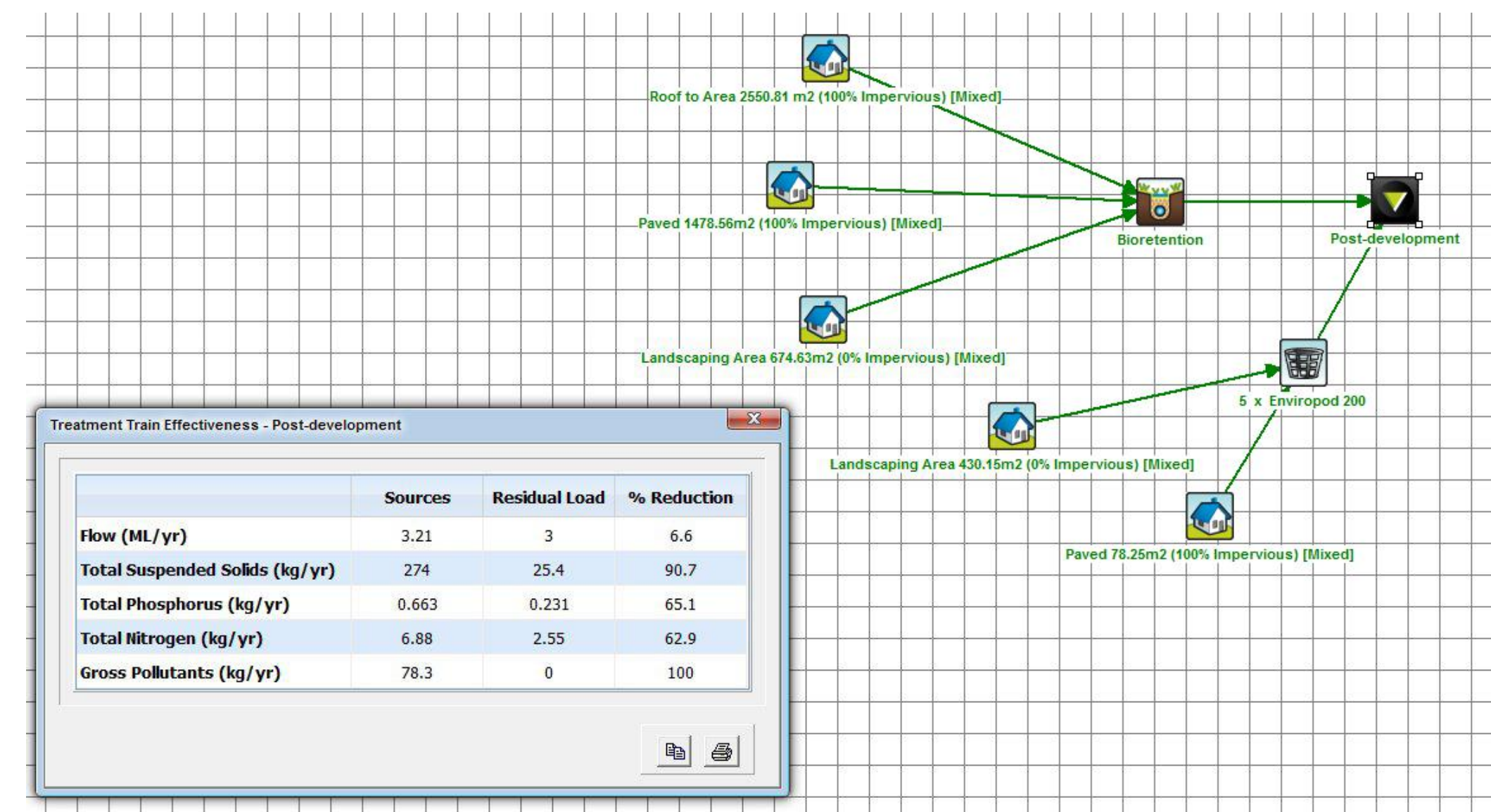
PROJECT  
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101 NUWARRA ROAD, MOOREBANK

Grid Datum Sheet Scale (at original size)  
- A.H.D. 7 of 8 1500 @ A1

Drawing Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Drawing Title	SEDIMENT AND EROSION CONTROL PLAN AND DETAILS		
Project No	Drawing No	Revision No	
20190035	SW400	A	





PAVED AREA BYPASSING  
BIO-RETENTION (79.85m<sup>2</sup>)

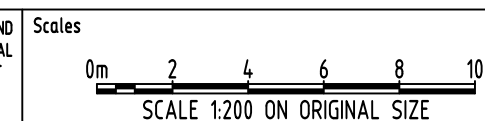
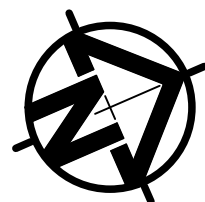
						Reference Coordination Drawing
						Discipline      Drawing Title and Number      Date      Rev.
						ARCH
						ARCH
						STRUCT
						MECH
						ELEC
A	ISSUE FOR DA	JH	15.03.2019	2		HVD
Issue	Last revision title	by	Date	Status		PGE
Issuer internal sequence and revision history						
1-preliminary		2-development application		3-construction certificate		LANDS
4-tender		5-construction		6-other		CIVIL SURVEY

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-	A.H.D.	8 of 8	1:200 @ A1

Drawing Status	FOR APPROVAL
	NOT TO BE USED FOR CONSTRUCTION PURPOSES

# STORMWATER CONCEPT DESIGN

## MUSIC CATCHMENT PLAN

Project No	Drawing No	Revision No
20190035	SW500	A