PROPOSED RESIDENTIAL DEVELOPMENT 25-27 WARRIEWOOD ROAD, WARRIEWOOD STORMWATER CONCEPT DESIGN - STAGE II (S4.55)



	DRAWING REGISTER					
SHEET No.	No. TITLE					
1	SW100	COVER SHEET	E			
2	SW200	STORMWATER CONCEPT DESIGN - BASEMENT PLAN	E			
3	SW201	STORMWATER CONCEPT DESIGN - GROUND FLOOR PLAN	E			
4	SW202	STORMWATER CONCEPT DESIGN - ROOF PLAN	E			
5	SW300	STORMWATER CONCEPT DESIGN - DETAILS SHEET - SHEET 1 OF 2	E			
6	SW301	STORMWATER CONCEPT DESIGN - DETAILS SHEET - SHEET 2 OF 2	E			
7	SW400	EROSION AND SEDIMENT CONTROL - PLAN AND DETAILS	E			
8	SW500	STORMWATER CONCEPT DESIGN - MUSIC CATCHMENT PLAN	E			

LOCALITY PLAN NOT TO SCALE COPYRIGHT OF SIX MAPS



PREPARED BY: SGC Consulting Engineers Suite 5.03, Level 5 156 Pacific Highway St. Leonards, NSW 2065 T: +61 2 8883 4239 Email: office@sgce.com.au

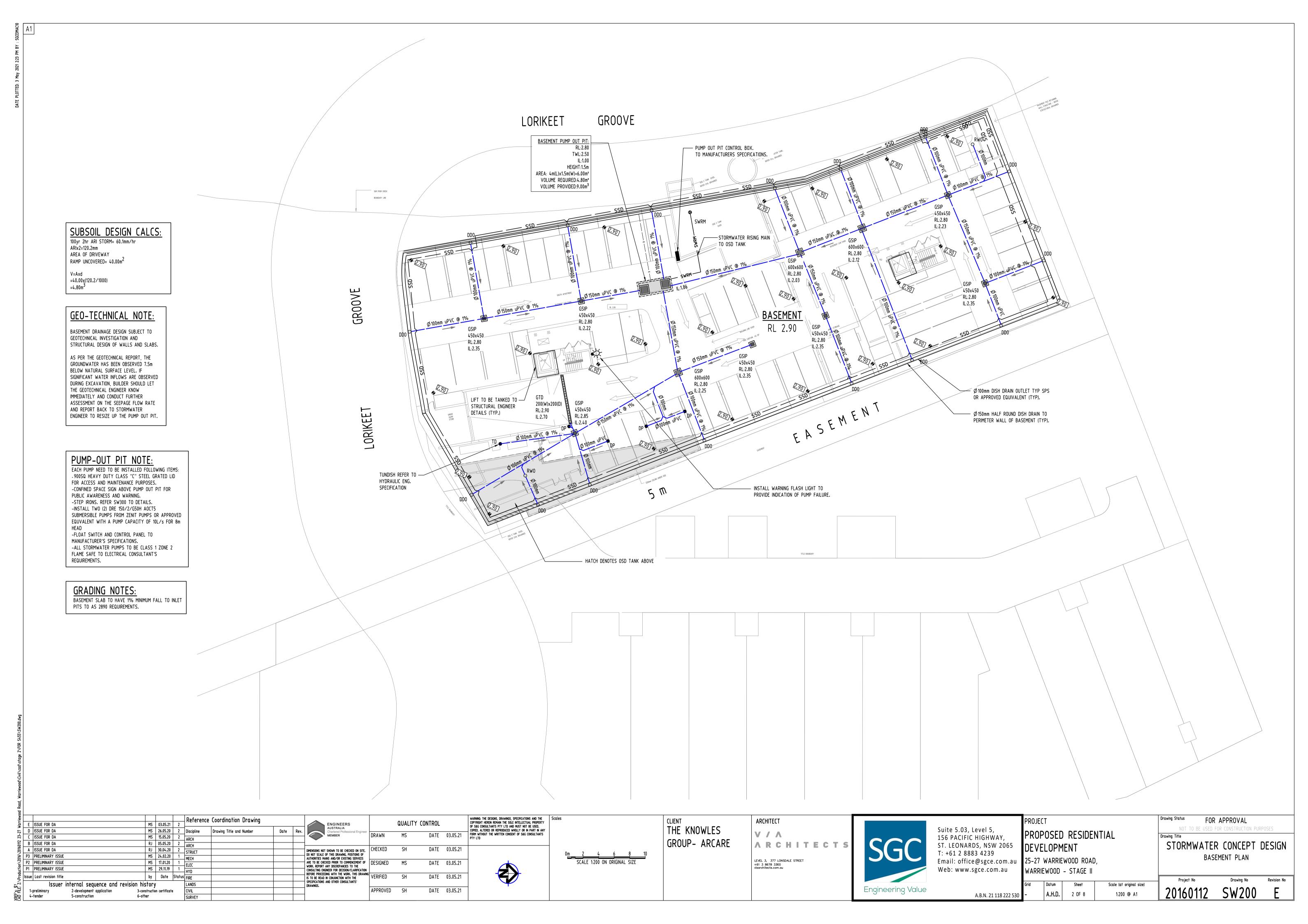
ARCHITECT:

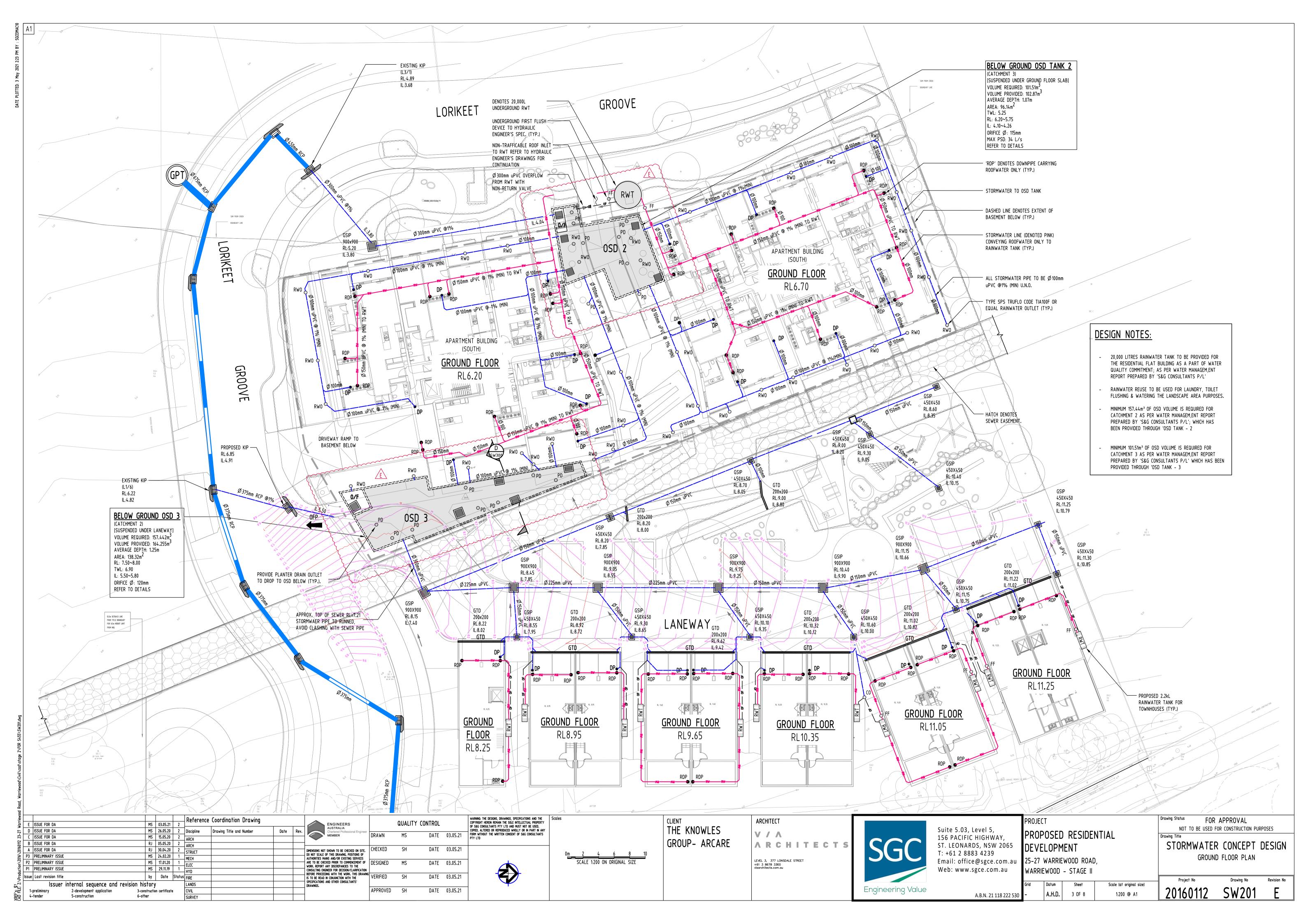
V / **A ARCHITECTS**

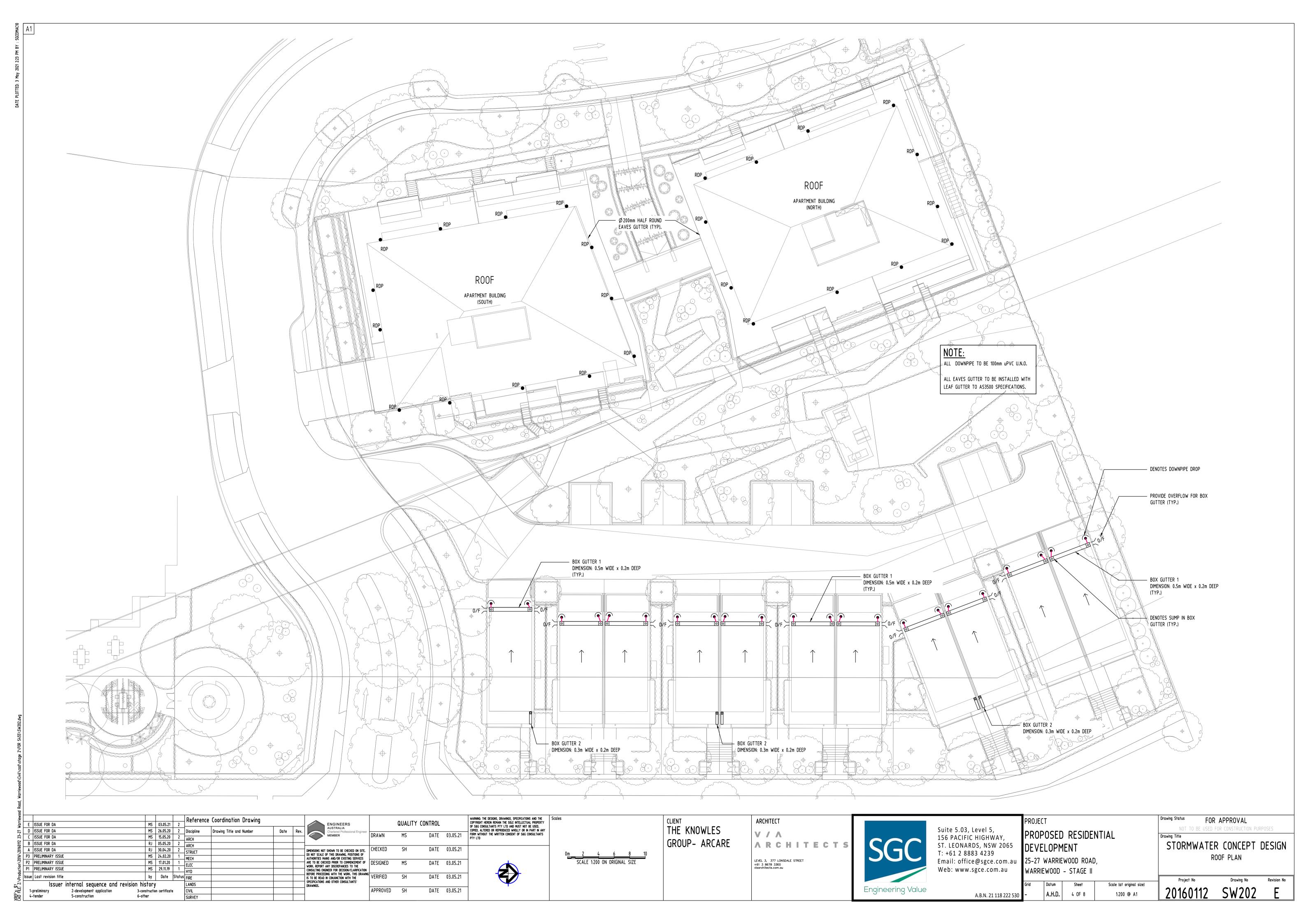
LEVEL 3, 377 LONSDALE STREET +61 3 8678 3300 viaarchitects.com.au

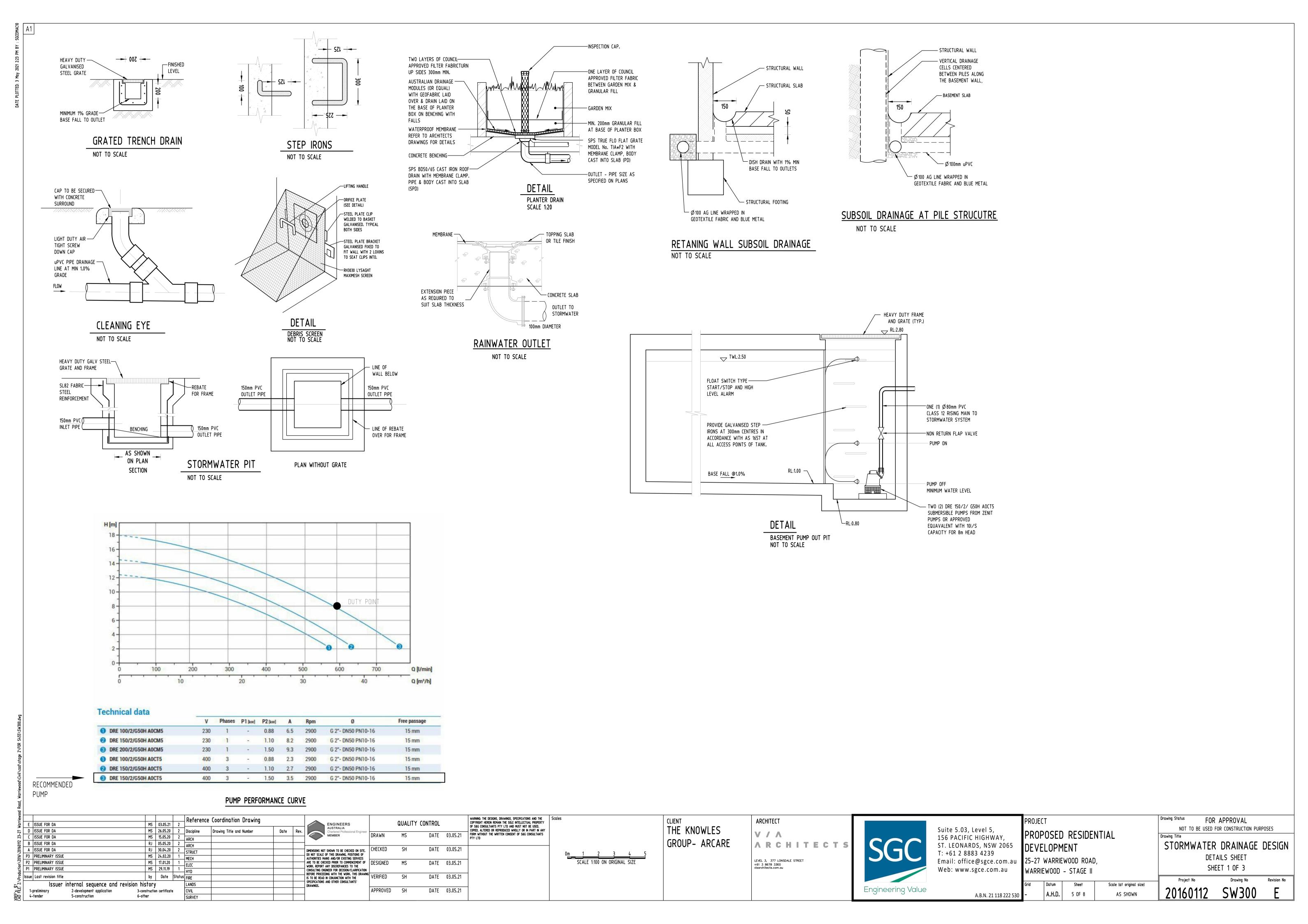
CLIENT:

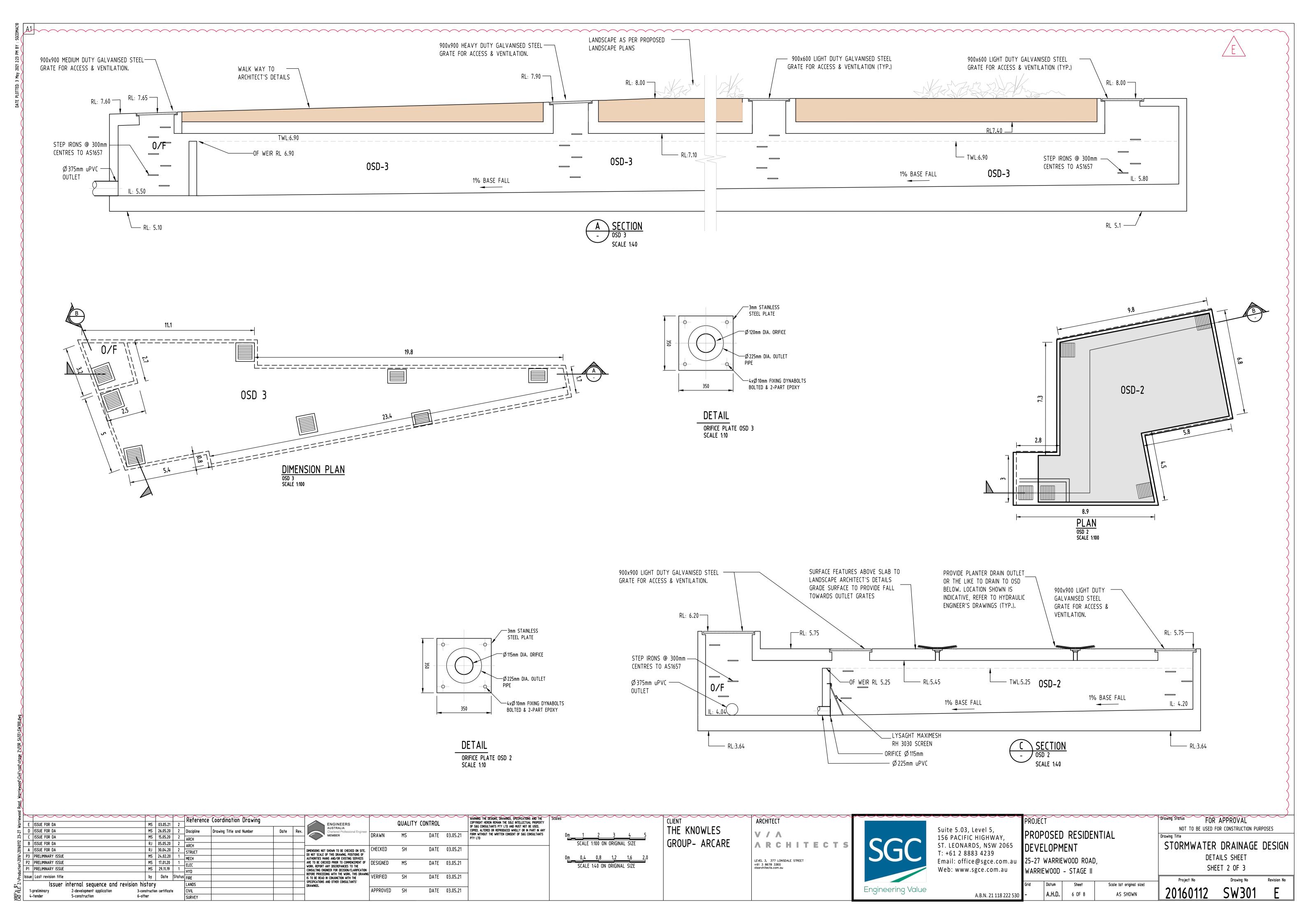
THE KNOWLES GROUP- ARCARE

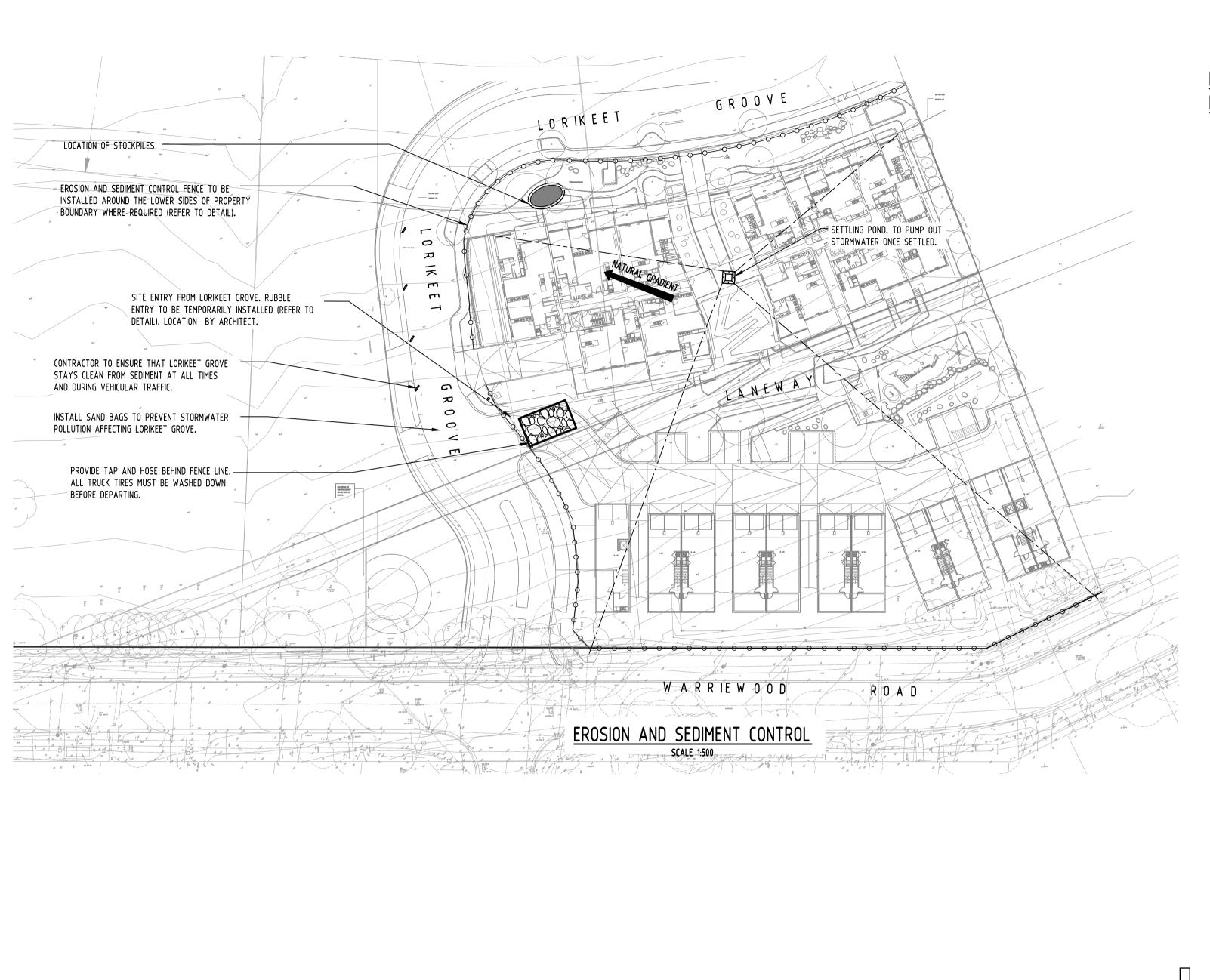












EROSION & SEDIMENTATION CONTROL NOTES

- 1. CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. TIE 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.
- 2. EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- 3. NO PARKING OR STOCKPILING OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- 4. GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- 5. 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.

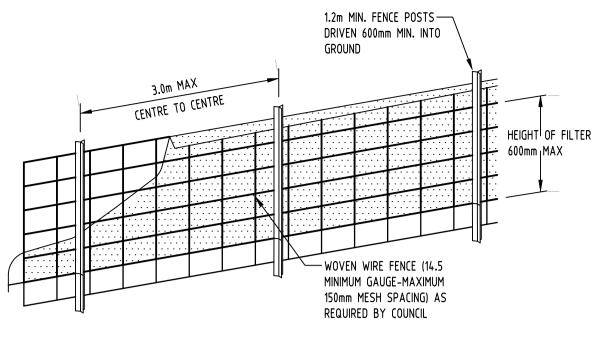
GENERAL NOTES

- 1. 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.
- 2. ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

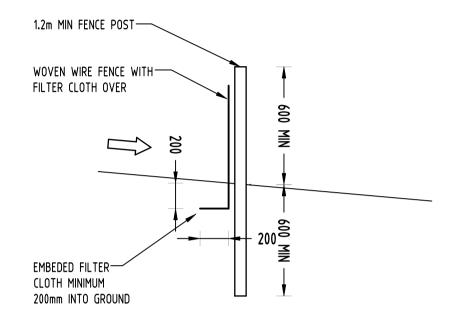
CLAY SOILS

←KERB-SIDE INLET

- A SYSTEM SHALL BE INSTALLED TO EITHER:
- 1. TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
- 2. 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

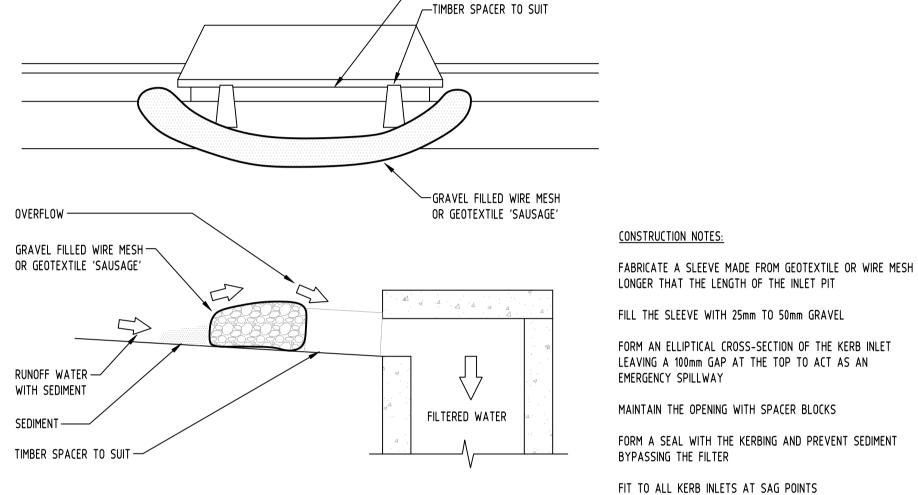


TYPICAL SECTION

NOT TO SCALE

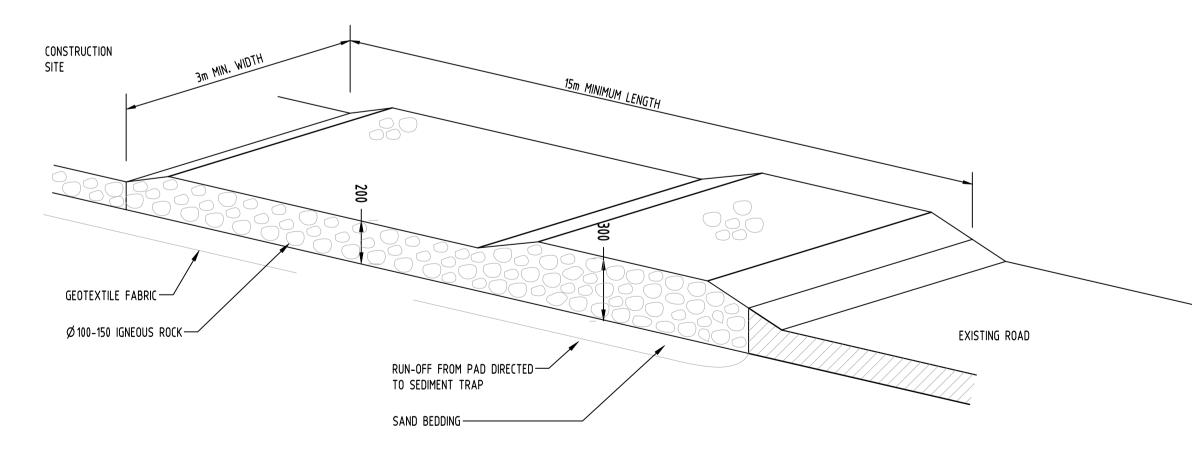
GEOTEXTILE INLET FILTER

GEOTEXTILE INLET FILTER IS PLACED IN EVERY PIT WITHIN THE SITE TO ENSURE THE RUNOFF WATER DURING CONSTUCTION NOT ENTER THE PITS.



GRAVEL INLET FILTER (SAUSAGE)

NOT TO SCALE



TEMPORARY CONSTRUCTION EXIT RUBBLE ALTERNATIVE NOT TO SCALE

8								
ie.						Reference	Coordination Drawing	
Production\2016\20160112 23-27 Warriewood	E	ISSUE FOR DA	MS	03.05.21	2	- Crerence		
	D	ISSUE FOR DA	MS	26.05.20	2	Discipline	Drawing Title and Number	D
	C	ISSUE FOR DA	MS	15.05.20	2	ARCH	-	
	В	ISSUE FOR DA	RJ	05.05.20	2	ARCH		
	Α	ISSUE FOR DA	RJ	30.04.20	2	STRUCT		
	Р3	PRELIMINARY ISSUE	MS	24.02.20	1	MECH		
	P2	PRELIMINARY ISSUE	MS	17.01.20	1	ELEC		
	P1	PRELIMINARY ISSUE	MS	29.11.19	1	HYD		
	Issue	Last revision title	by	Date	Status			

6-other

3-construction certificate

Issuer internal sequence and revision history

2-development application

5-construction

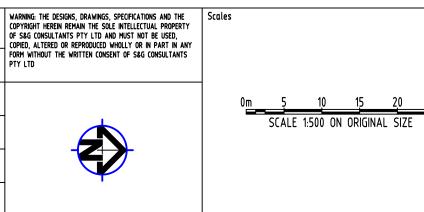
LEGEND

SEDIMENT FENCE

SANDBAGS

STABILISED SITE ACCESS

ENGINEERS AUSTRALIA	QUALITY CONTROL						
Chartered Professional Engineer MEMBER	DRAWN	MS	DATE	03.05.21			
DIMENSIONS NOT SHOWN TO BE CHECKED ON SITE. DO NOT SCALE OF THIS DRAWING. POSITIONS OF AUTHORITIES MAINS AND/OR EXISTING SERVICES	CHECKED	SH	DATE	03.05.21			
ARE TO BE CHECKED PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE CONSULTING ENGINEER FOR DECISION/CLARIFICATION	DESIGNED	MS	DATE	03.05.21			
BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER CONSULTANTS' DRAWINGS.	VERIFIED	SH	DATE	03.05.21			
	APPROVED	SH	DATE	03.05.21			



WITH GRATE

FILTER FABRIC

BURIED 0.2m

> THE KNOWLES GROUP- ARCARE

FILTERED WATER

SILT FENCE—

RUN-OFF WATER

WITH SEDIMENT

GEOTEXTILE INLET FILTER

NOT TO SCALE

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A.B.N. 21 118 222 530

PROPOSED RESIDENTIAL DEVELOPMENT Email: office@sgce.com.au 25-27 WARRIEWOOD ROAD, WARRIEWOOD - STAGE II

Datum

A.H.D.

7 OF 8

1:500 @ A1

PROJECT

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES **EROSION AND SEDIMENT CONTROL**

PLAN AND DETAILS Scale (at original size)

