

5 AMBER STREET
CLAREMONT TAS
STORMWATER DRAINAGE DESIGN



LOCALITY PLAN
NOT TO SCALE
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DRAWING INDEX			
SHEET No.	DWG. No.	DRAWING TITLE	REV.
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05	S02-SW401	CATCHMENT PLAN & MUSIC RESULTS	A
06	S02-SW551	STORMWATER DRAINAGE DESIGN DETAILS SHEET	A

NOT FOR CONSTRUCTION

PREPARED BY



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ARCHITECT

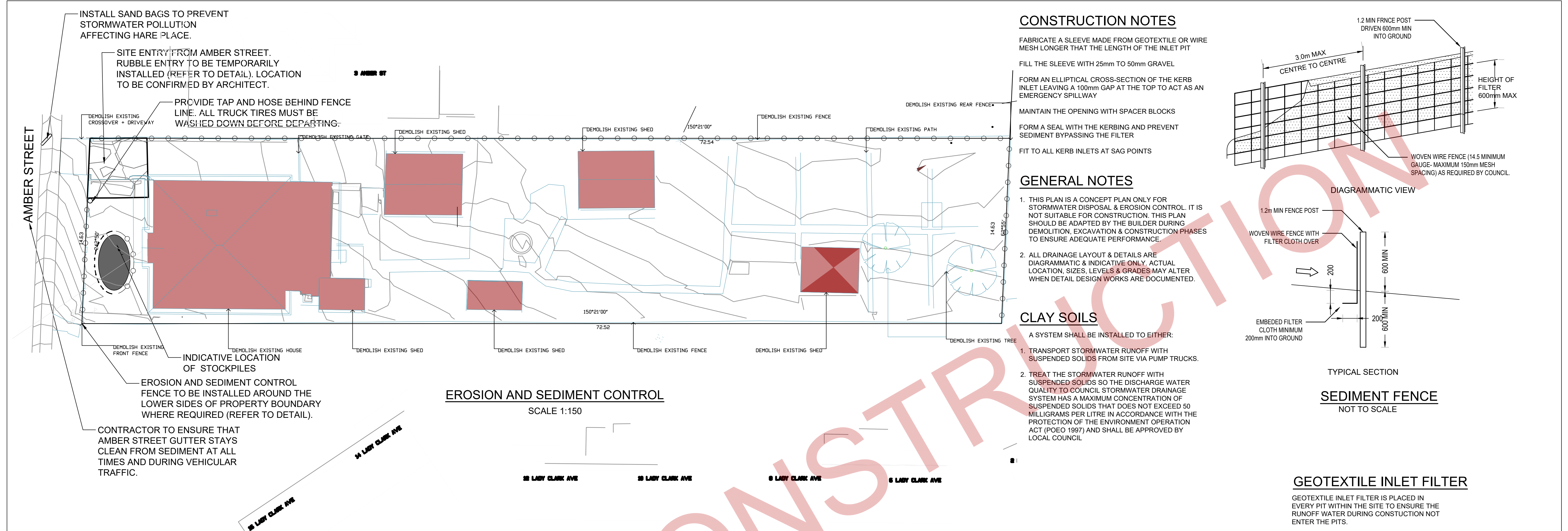


CLIENT



LGA





CONSTRUCTION NOTES

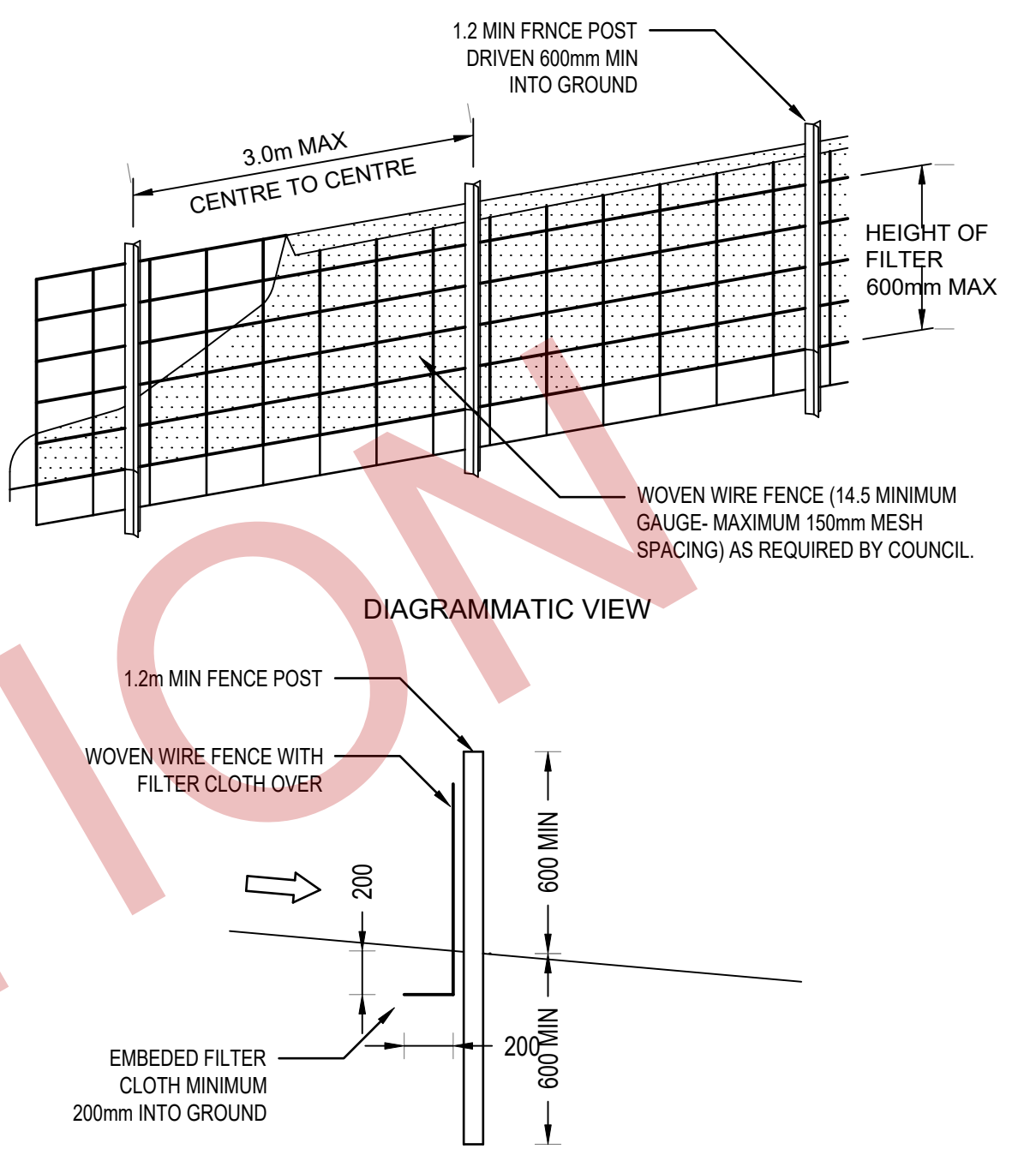
- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAT THE LENGTH OF THE INLET PIT
- FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL
- FORM AN ELLIPTICAL CROSS-SECTION OF THE KERB INLET LEAVING A 100mm GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY
- MAINTAIN THE OPENING WITH SPACER BLOCKS
- FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER
- FIT TO ALL KERB INLETS AT SAG POINTS

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



TYPICAL SECTION

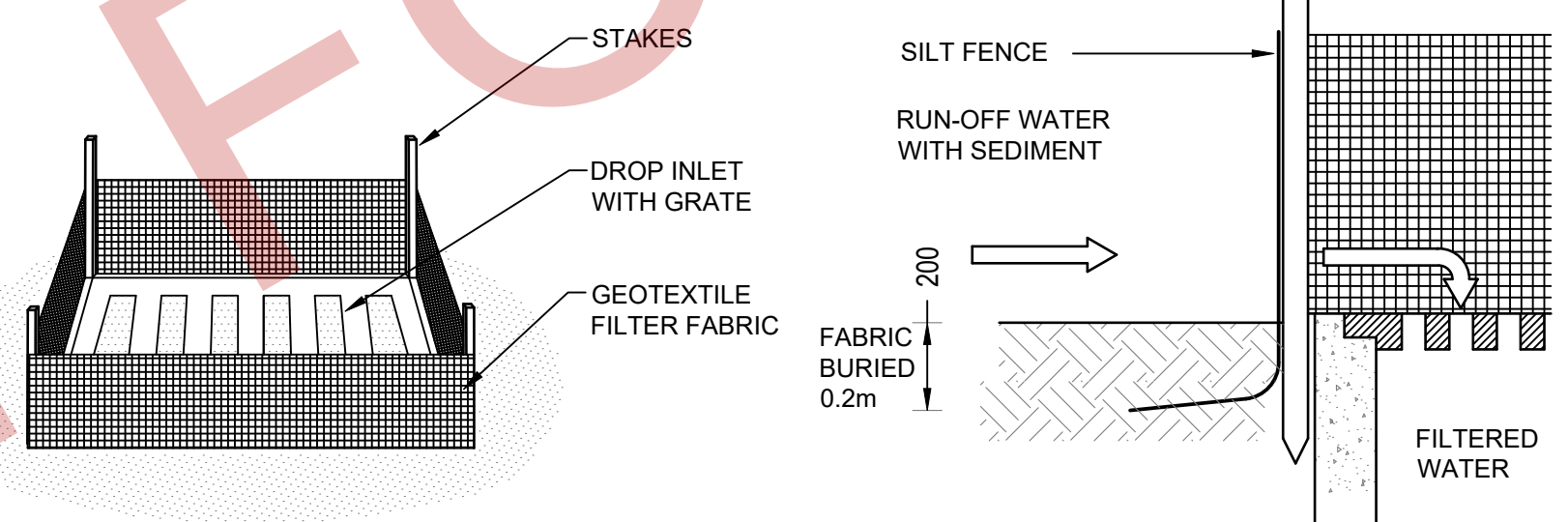
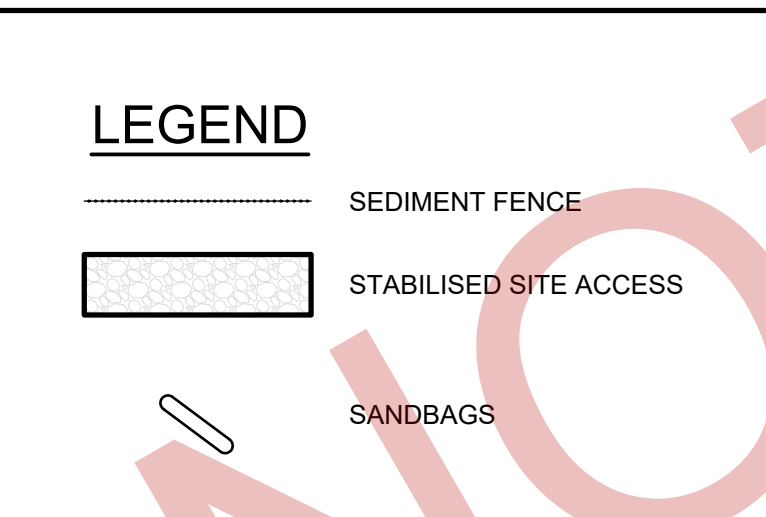
SEDIMENT FENCE
NOT TO SCALE

GEOTEXTILE INLET FILTER

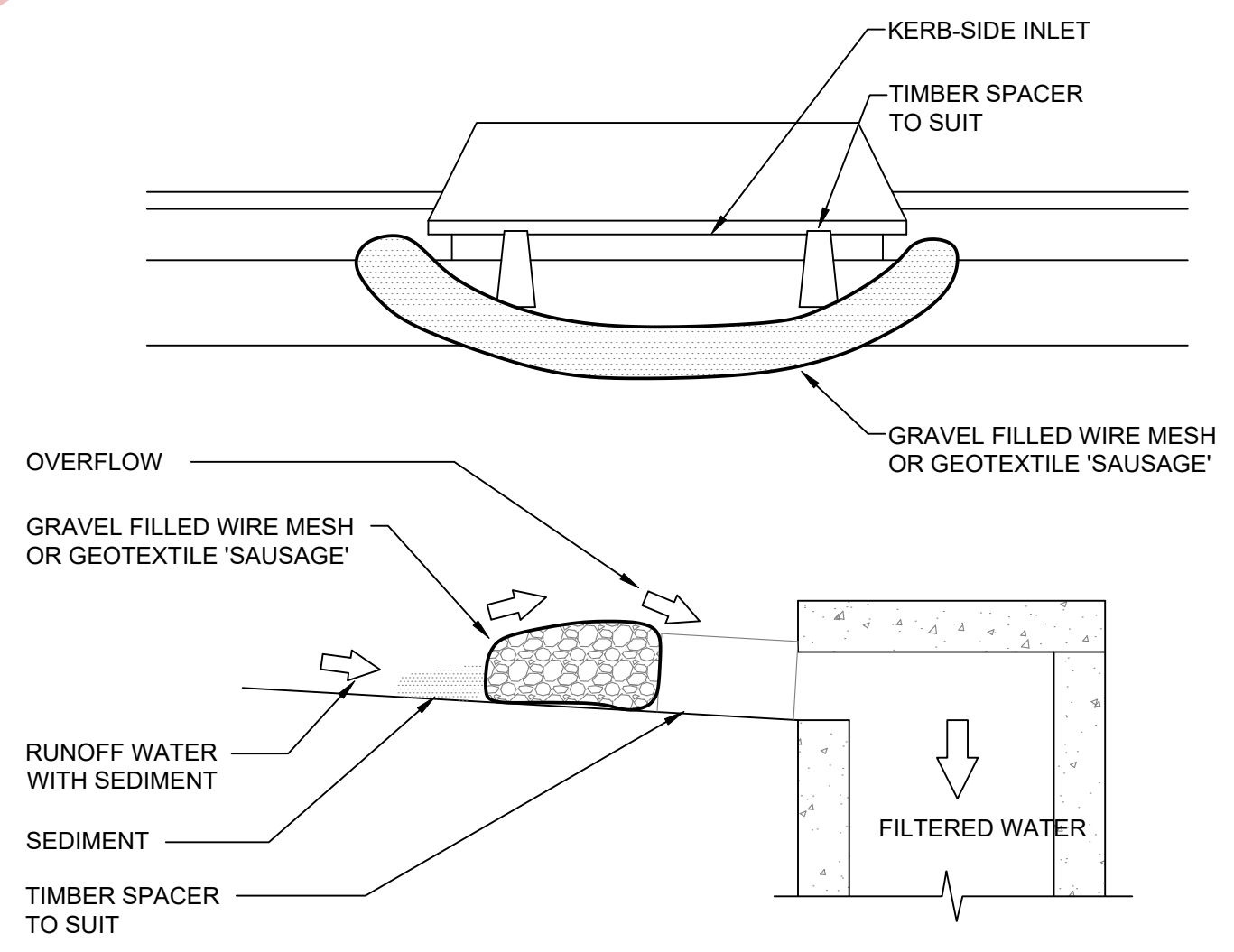
GEOTEXTILE INLET FILTER IS PLACED IN EVERY PIT WITHIN THE SITE TO ENSURE THE RUNOFF WATER DURING CONSTRUCTION NOT ENTER THE PITS.

EROSION & SEDIMENTATION CONTROL NOTES

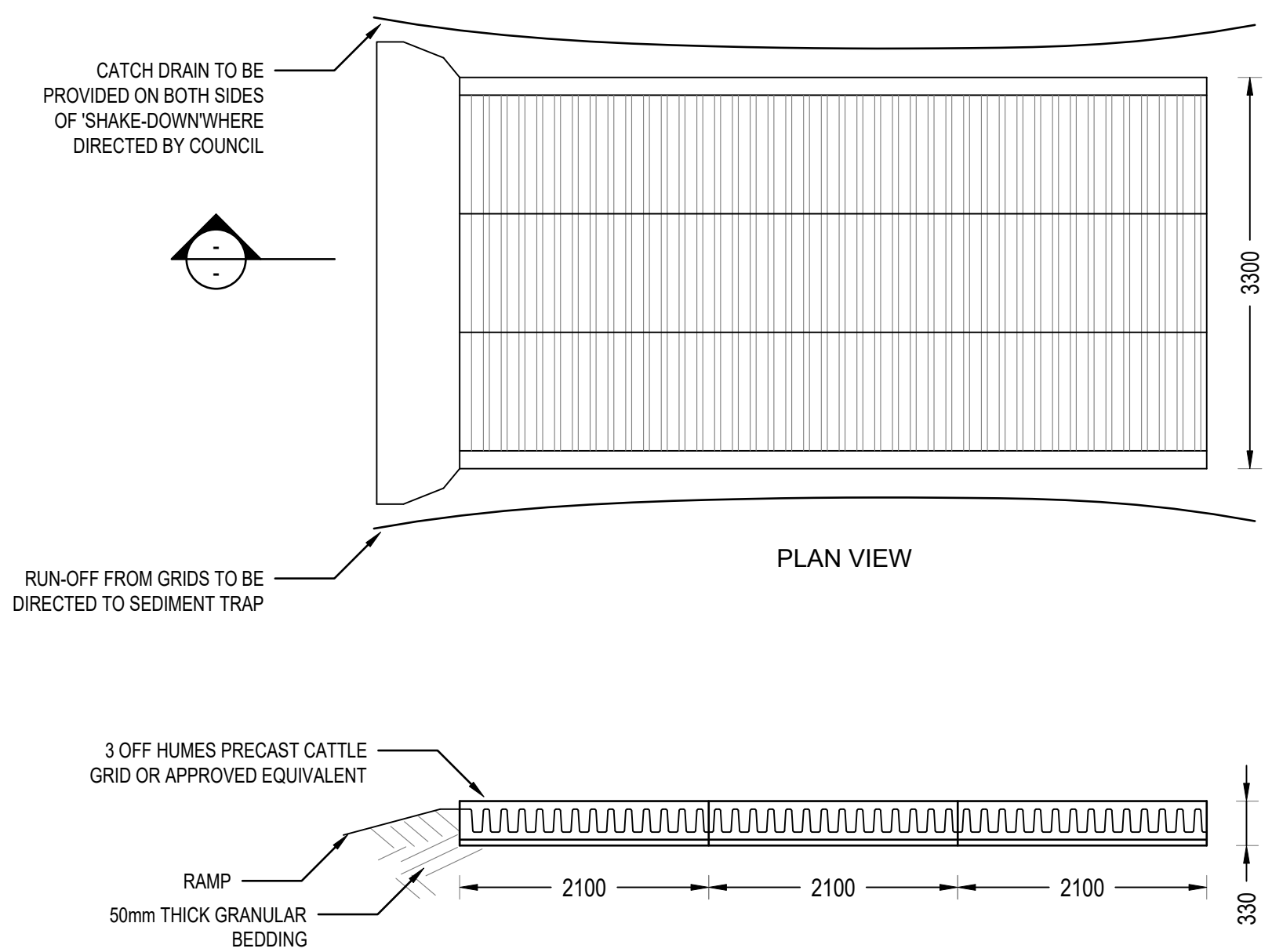
- CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. THE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- 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.



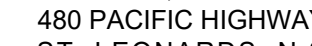
GEOTEXTILE INLET FILTER
NOT TO SCALE

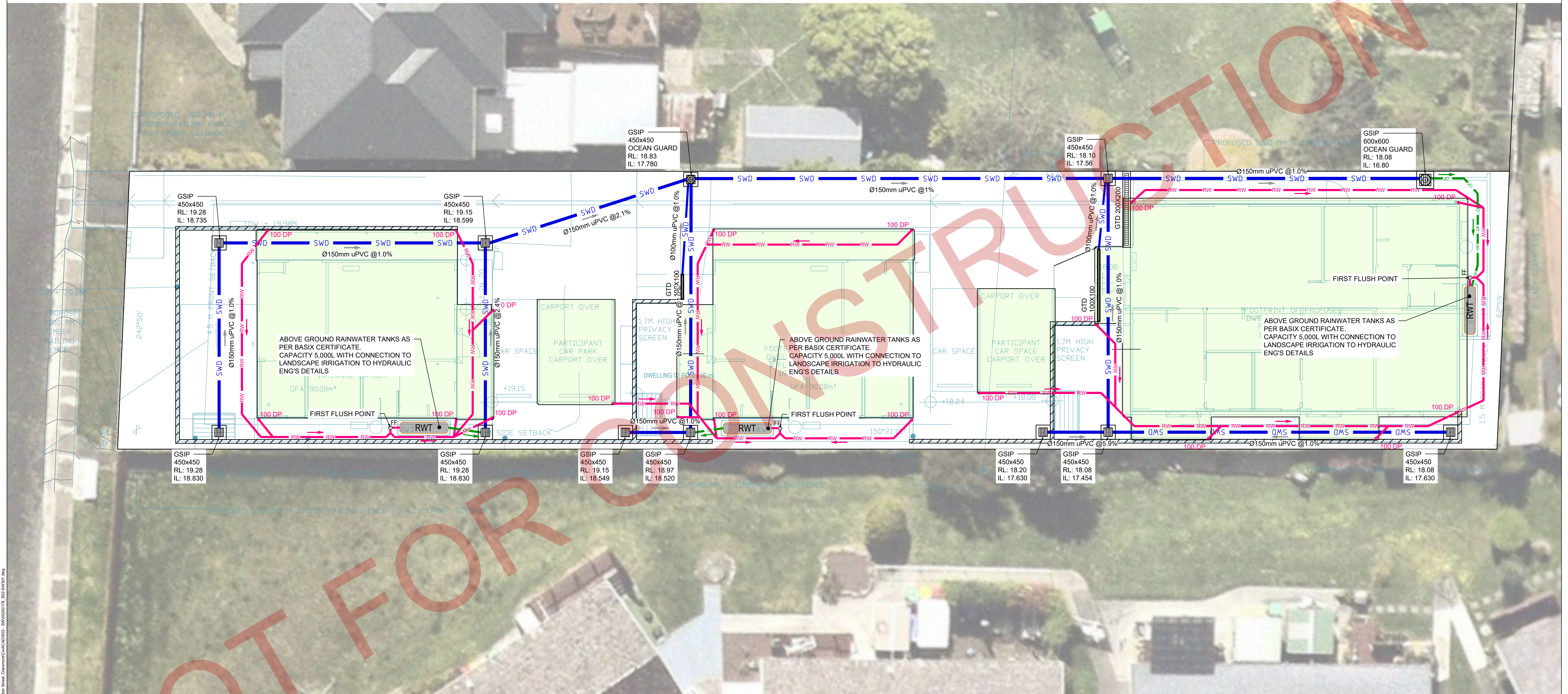


GRAVEL INLET FILTER (SAUSAGE)
NOT TO SCALE



TYPICAL SECTION
'CATTLE GRID' ALTERNATIVE
TEMPORARY CONSTRUCTION EXIT
NOT TO SCALE

										Reference Coordination Drawing				Quality Control				Scales				Client				Architect				 S&G CONSULTANTS PTY LTD SUITE 311, LEVEL 3 480 PACIFIC HIGHWAY ST. LEONARDS, N.S.W. 2065 T: +61 2 8883 4239 Email: office@sgce.com.au Web: www.sgce.com.au  ALL YOU NEED TO DEVELOP  A.B.N. 21 118 222 530				PROJECT				Status																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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STORMWATER MANAGEMENT PLAN
SCALE 1:100

										Reference Coordination Drawing				Quality Control				Scales		Client		Architect		    S&G CONSULTANTS PTY LTD SUITE 311, LEVEL 3 480 PACIFIC HIGHWAY ST. LEONARDS, N.S.W. 2065 T: +61 2 8883 4239 Email: office@sgce.com.au Web: www.sgce.com.au A.B.N. 21 118 222 530		PROJECT		Status	
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										Drawing Title and Number				LD				1						CLAREMONT TAS		NOT FOR CONSTRUCTION			
										Date				CHECKED				SCALE 1:100 ON ORIGINAL SIZE						STORMWATER DRAINAGE DESIGN		Drawing Title			
										Rev.				SH										CLAREMONT TAS		STORMWATER DRAINAGE DESIGN PLAN			
										ARCH				DESIGNED										STORMWATER DRAINAGE DESIGN		Project No.			
										MECH				LD										STORMWATER DRAINAGE DESIGN		Set No. - Drg No.			
										ELEC				SH										STORMWATER DRAINAGE DESIGN		Revision No.			
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LEGEND

HOUSE 01

- DESIGN CATCHMENT 1
HOUSE 01 ROOF - 116.03 m²
- DESIGN CATCHMENT 2
HOUSE 01 PAVING - 161.51 m²
- DESIGN CATCHMENT 3
HOUSE 01 MIXED - 40.24 m²
- EXISTING CATCHMENT
PERVIOUS - 317.78 m²

LEGEND

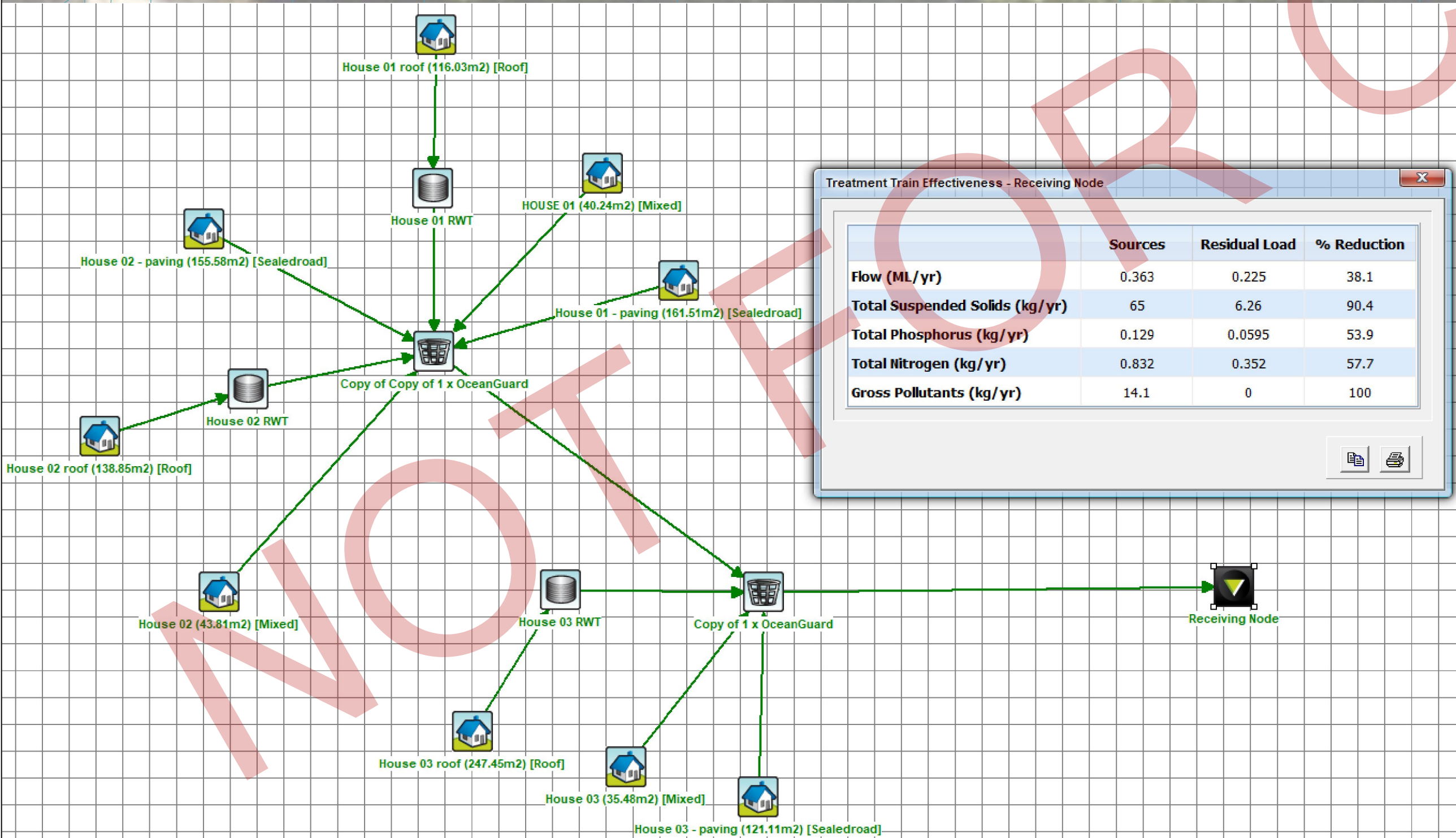
HOUSE 02

- DESIGN CATCHMENT 4
HOUSE 02 ROOF - 138.85 m²
- DESIGN CATCHMENT 5
HOUSE 02 PAVING - 155.58 m²
- DESIGN CATCHMENT 6
HOUSE 02 MIXED - 43.81 m²
- EXISTING CATCHMENT
PERVIOUS - 338.24 m²

LEGEND

HOUSE 03

- DESIGN CATCHMENT 7
HOUSE 02 ROOF - 247.45 m²
- DESIGN CATCHMENT 8
HOUSE 02 PAVING - 121.11 m²
- DESIGN CATCHMENT 9
HOUSE 02 MIXED - 35.48 m²
- EXISTING CATCHMENT
PERVIOUS - 404.04 m²



CATCHMENT PLAN & MUSIC RESULTS

SCALE 1:100

Reference Coordination Drawing <table><tr><th>Discipline</th><th>Drawing Title and Number</th><th>Date</th><th>Rev.</th></tr><tr><td>ARCH</td><td></td><td></td><td></td></tr><tr><td>STRUCT</td><td></td><td></td><td></td></tr><tr><td>MECH</td><td></td><td></td><td></td></tr><tr><td>ELEC</td><td></td><td></td><td></td></tr><tr><td>HYD</td><td></td><td></td><td></td></tr><tr><td>FIRE</td><td></td><td></td><td></td></tr><tr><td>LANDS</td><td></td><td></td><td></td></tr><tr><td>CIVIL</td><td></td><td></td><td></td></tr><tr><td>SURVEY</td><td></td><td></td><td></td></tr></table>				Discipline	Drawing Title and Number	Date	Rev.	ARCH				STRUCT				MECH				ELEC				HYD				FIRE				LANDS				CIVIL				SURVEY				Quality Control <table><tr><th>Task</th><th>Date</th></tr><tr><td>DRAWN</td><td>10.12.25</td></tr><tr><td>LD</td><td></td></tr><tr><td>CHECKED</td><td>10.12.25</td></tr><tr><td>SH</td><td></td></tr><tr><td>DESIGNED</td><td>10.12.25</td></tr><tr><td>LD</td><td></td></tr><tr><td>VERIFIED</td><td>10.12.25</td></tr><tr><td>SH</td><td></td></tr><tr><td>APPROVED</td><td>10.12.25</td></tr><tr><td>SH</td><td></td></tr></table>				Task	Date	DRAWN	10.12.25	LD		CHECKED	10.12.25	SH		DESIGNED	10.12.25	LD		VERIFIED	10.12.25	SH		APPROVED	10.12.25	SH		ENGINEERS AUSTRALIA Chartered Professional Engineer MEMBER WARNING: THE DESIGNS, DRAWINGS, SPECIFICATIONS AND THE COPYRIGHT HEREIN REMAIN THE SOLE INTELLECTUAL PROPERTY OF S&G CONSULTANTS PTY LTD AND MUST NOT BE USED, COPIED, ALTERED OR REPRODUCED WHOLLY OR IN PART IN ANY FORM WITHOUT THE WRITTEN CONSENT OF S&G CONSULTANTS PTY LTD. DIMENSIONS NOT SHOWN TO BE CHECKED ON SITE. DO NOT SCALE OF THIS DRAWING. POSITIONS OF AUTHORITIES MAINS AND/OR EXISTING SERVICES ARE TO BE CHECKED PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE CONSULTING ENGINEER FOR DECISION/CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER CONSULTANTS' DRAWINGS.				Scales 0m 1 2 3 4 5 SCALE 1:100 ON ORIGINAL SIZE				Client KUNAMA ALL YOU NEED TO DEVELOP				Architect S&A SPACE·DESIGN·ARCHITECTURE				S&G CONSULTANTS PTY LTD SUITE 311, LEVEL 3 480 PACIFIC HIGHWAY ST. LEONARDS, N.S.W. 2065 T: +61 2 8883 4239 Email: office@sgce.com.au Web: www.sgce.com.au A.B.N. 21 118 222 530				PROJECT 5 AMBER STREET CLAREMONT TAS STORMWATER DRAINAGE DESIGN				Status PRELIMINARY NOT FOR CONSTRUCTION Drawing Title CATCHMENT PLAN & MUSIC RESULTS				Project No. 20250178 Set No. S02-SW401 Drg No. Revision No. A			
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Issue

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ISSUED FOR DA

Last revision title

1-preliminary

2-development application

3-construction certificate

4-tender

5-construction

6-other

LD

By

10.12.25

Date

02

Status

10.12.25

Date

02

Status