SW100

MIXED USE DEVELOPMENT 4 DELMAR PDE & 812 PITTWATER ROAD, DEE WHY STORMWATER CONCEPT DESIGN



DRAWINGS LIST					
SHEET No.	DWG No.	TITLE	REV		
1	SW100	COVER SHEET	D		
2	SW200	STORMWATER CONCEPT DESIGN - BASEMENT 2 PLAN	D		
3	SW201	STORMWATER CONCEPT DESIGN - BASEMENT 1 PLAN	D		
4	SW202	STORMWATER CONCEPT DESIGN - GROUND FLOOR PLAN - SHEET 1 OF 2	D		
5	SW203	STORMWATER CONCEPT DESIGN - GROUND FLOOR PLAN - SHEET 2 OF 2	D		
6	SW300	STROMWATER CONCEPT DESIGN - DETAILS SHEET - SHEET 1 0F 2	D		
7	SW301	STROMWATER CONCEPT DESIGN - DETAILS SHEET - SHEET 2 OF 2	D		
8	SW400	EROSION AND SEDIMENT CONTROL - PLAN	D		
9	SW401	EROSION AND SEDIMENT CONTROL - DETAILS	D		
10	SW500	STROMWATER CONCEPT DESIGN - MUSIC CATCHMENT PLAN	D		

LOCALITY PLAN NOT TO SCALE COPYRIGHT OF SIX MAPS



PREPARED BY:

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ARCHITECT:

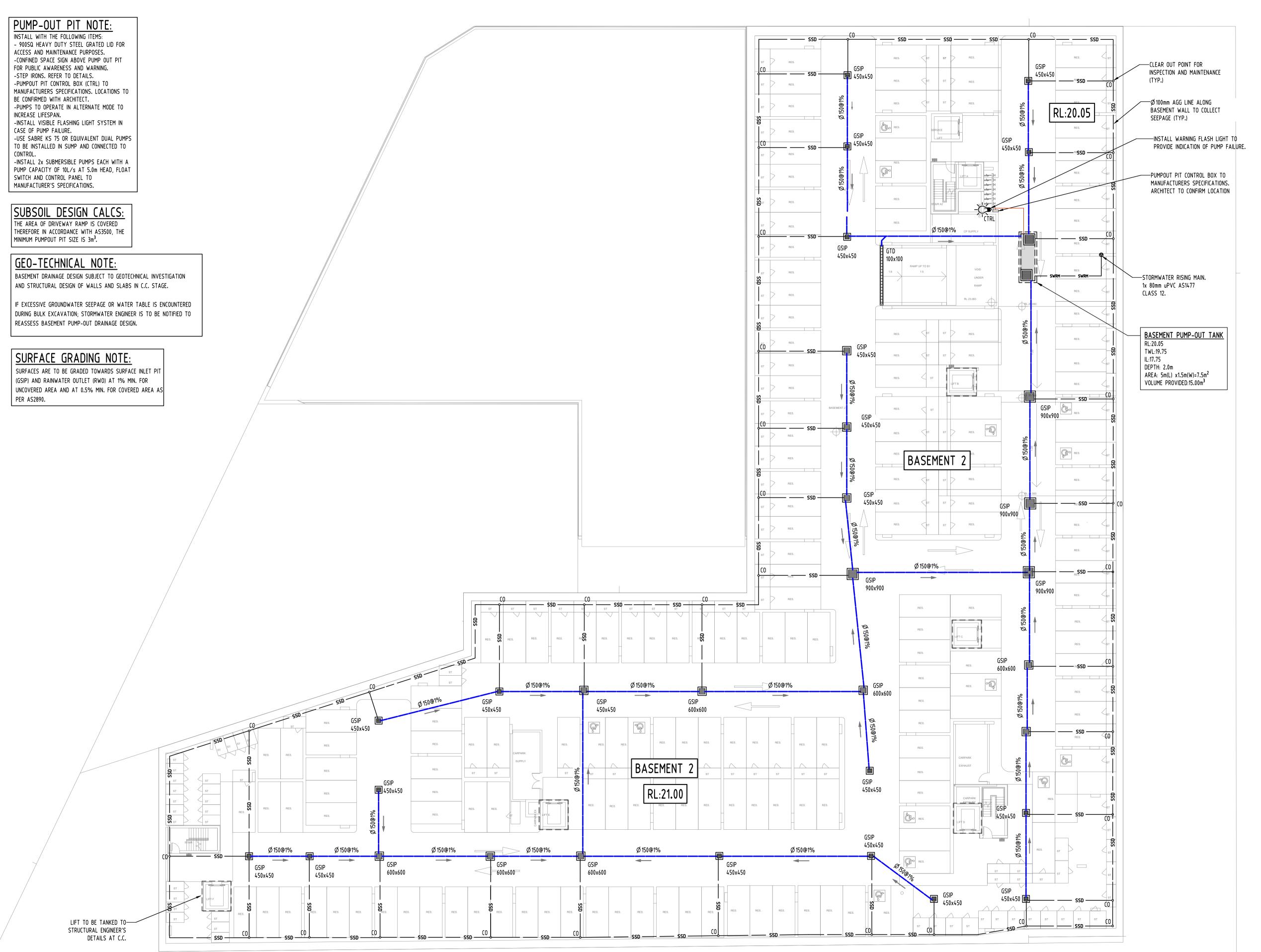
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MS 30.11.22 2 D ISSUE FOR DA MS 10.12.21 2 ISSUE FOR DA MS 01.12.21 2 B ISSUE FOR DA A ISSUE FOR DA MS 26.11.21 2 P2 PRELIMINARY ISSUE MN 01.11.21 1 PRELIMINARY ISSUE MS 17.08.21 1 By Date Status No Last revision title

Issuer internal sequence and revision history 2- development application 3- construction certificate 4- tender 5- construction 6- other (specify)

Reference Coordination Drawing Drawing Title and Number Date Rev. STRUCT LANDS SURVEY

	QUALITY	CONTROL		DISCLAIMER: DIMENSIONS NOT SHOWN TO BE CHECKED ON SITE. DO NOT SCALE OF THIS
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PROJECT

PROPOSED MIXED USE DEVELOPMENT 4 DELMAR PARADE & 812 PITTWATER ROAD, DEE WHY

STORMWATER CONCEPT DESIGN BASEMENT 2 PLAN

Revision No SW200 20210067 MGA 56 2/10

Drawing Status

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES



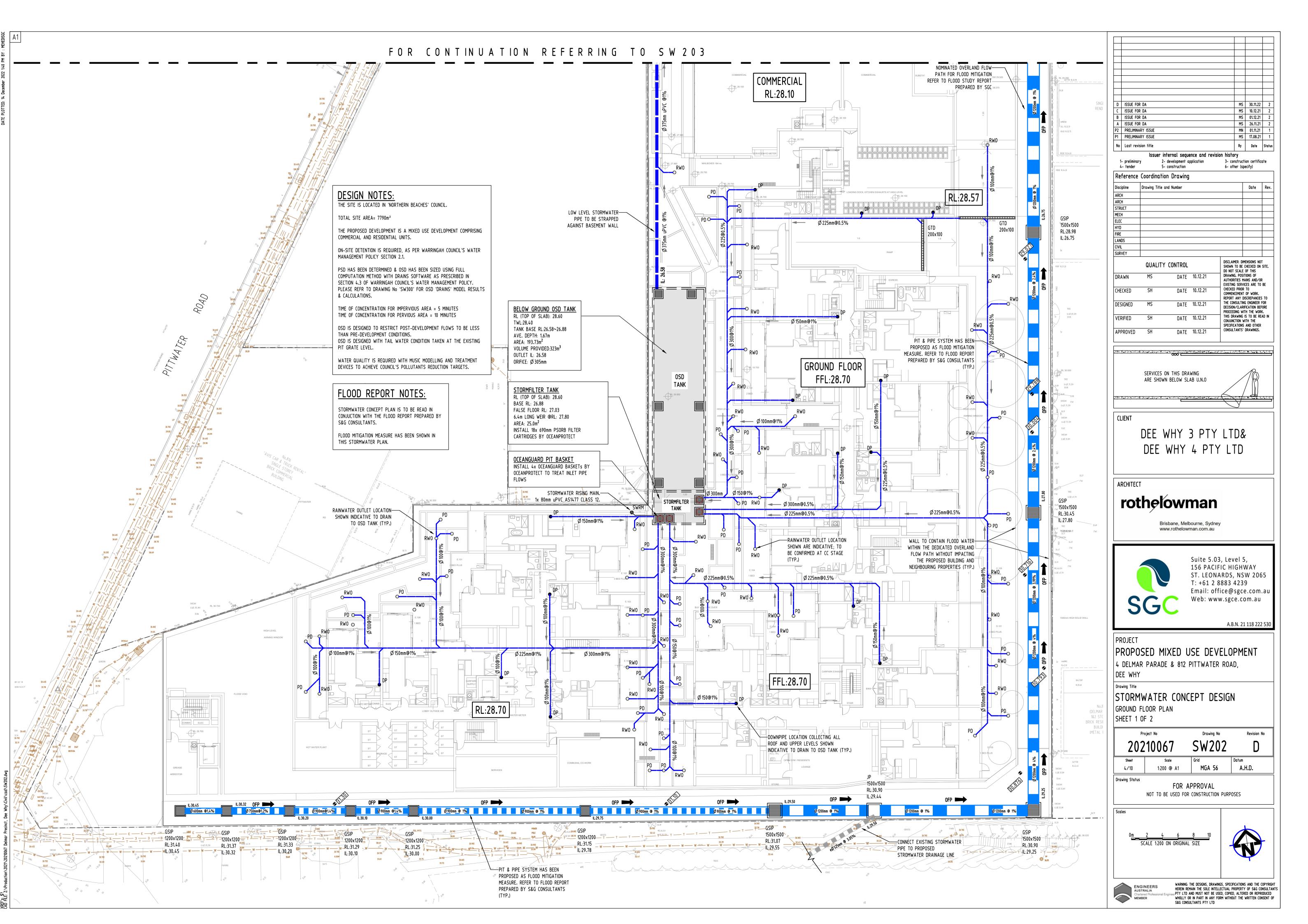


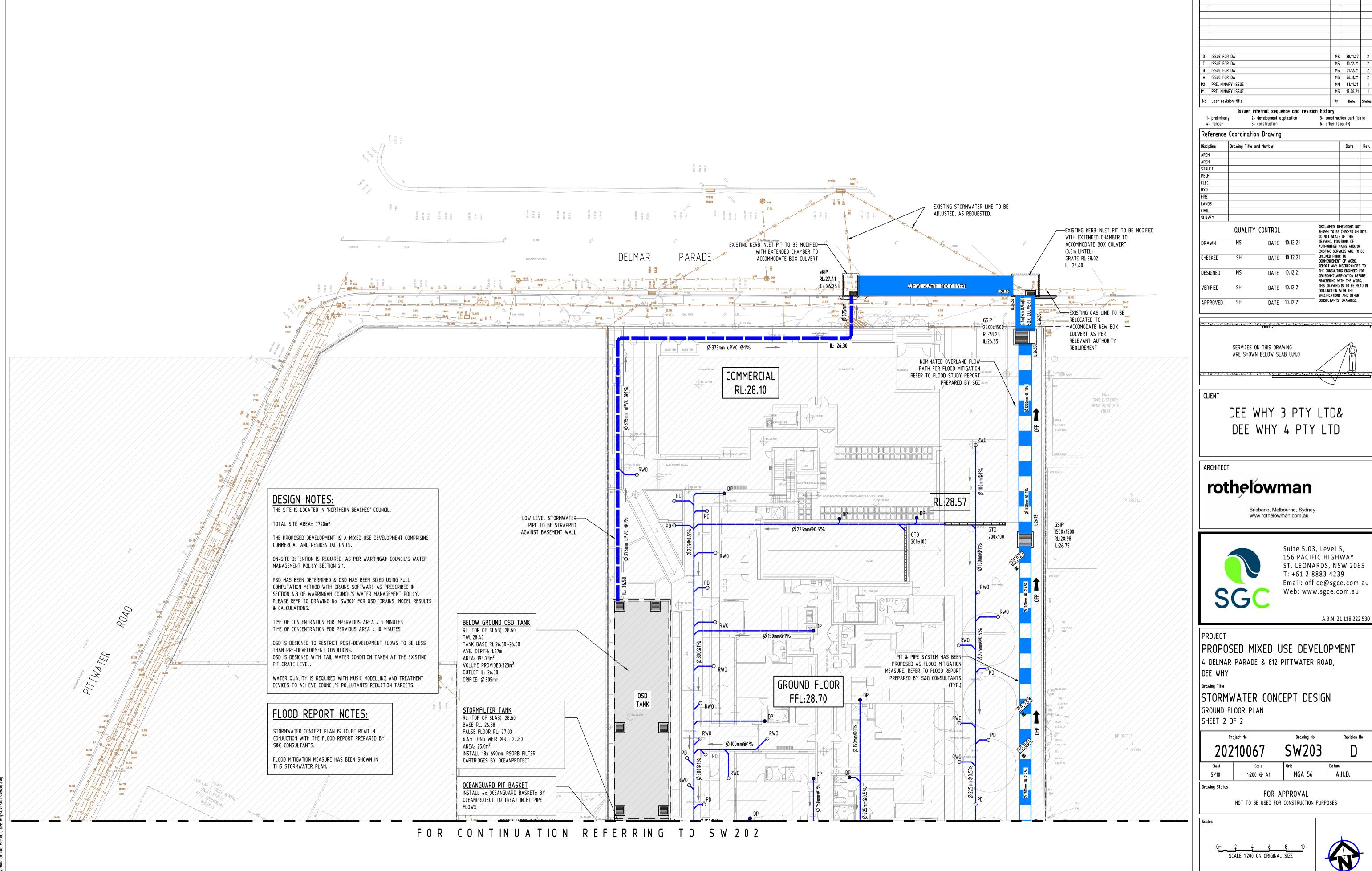


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MS 30.11.22 2 MS 10.12.21 2 MS 01.12.21 2 MS 26.11.21 2 MN 01.11.21 1 MS 17.08.21 1

Coordination Drawing			
Drawing Title and Number		Date	Rev.
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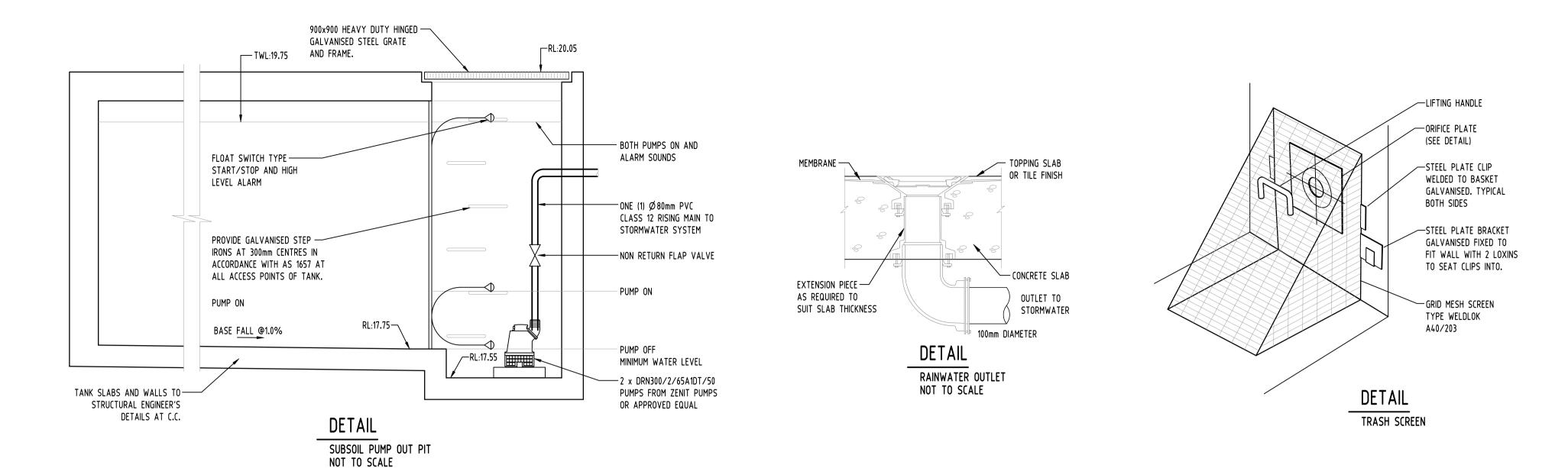
Email: office@sgce.com.au

Pr	roject No	Drawing No	Revision No
202	210067	SW203	D
Sheet	Scale	Grid	Datum
5/10	1:200 @ A1	MGA 56	A.H.D.



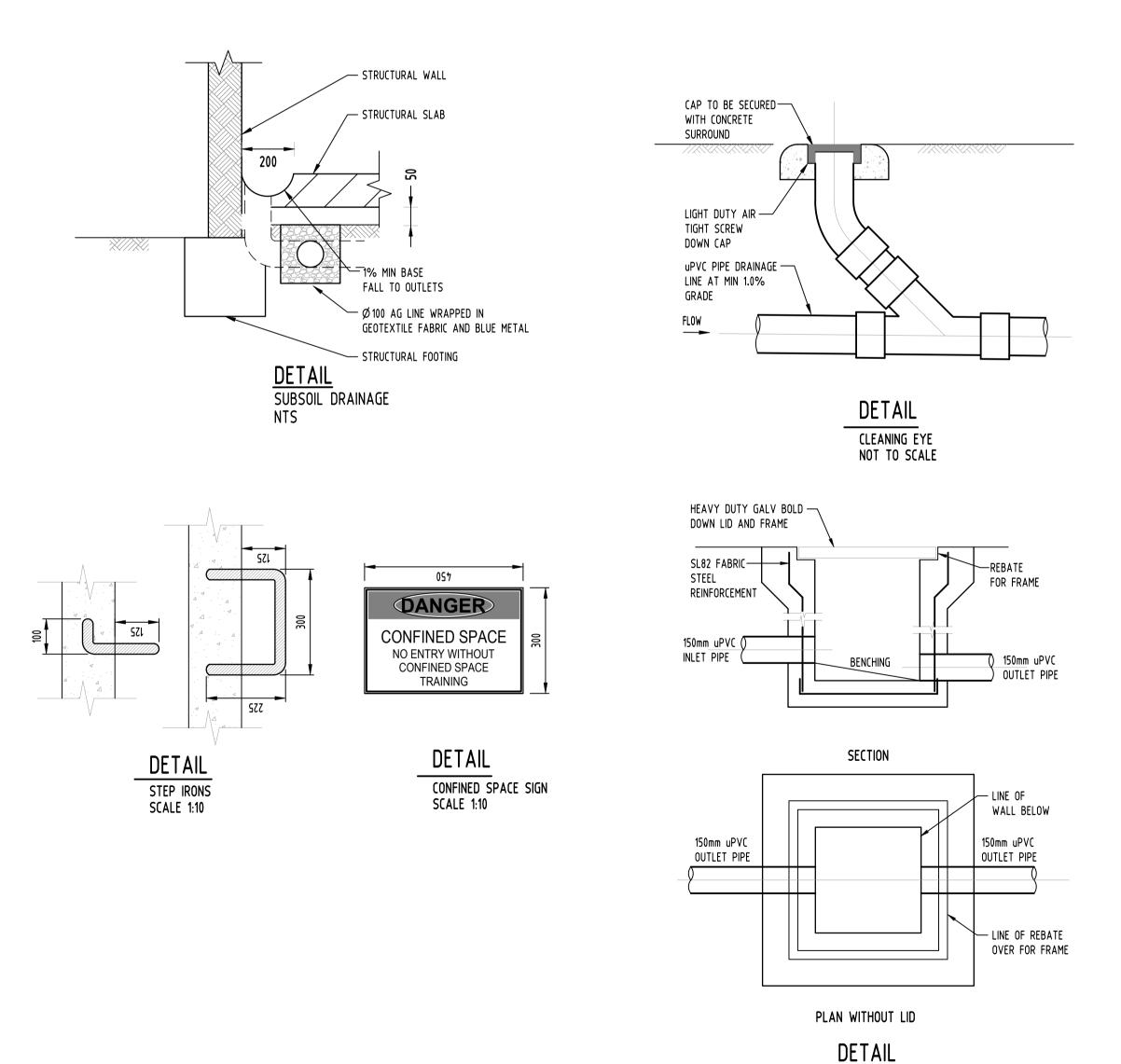


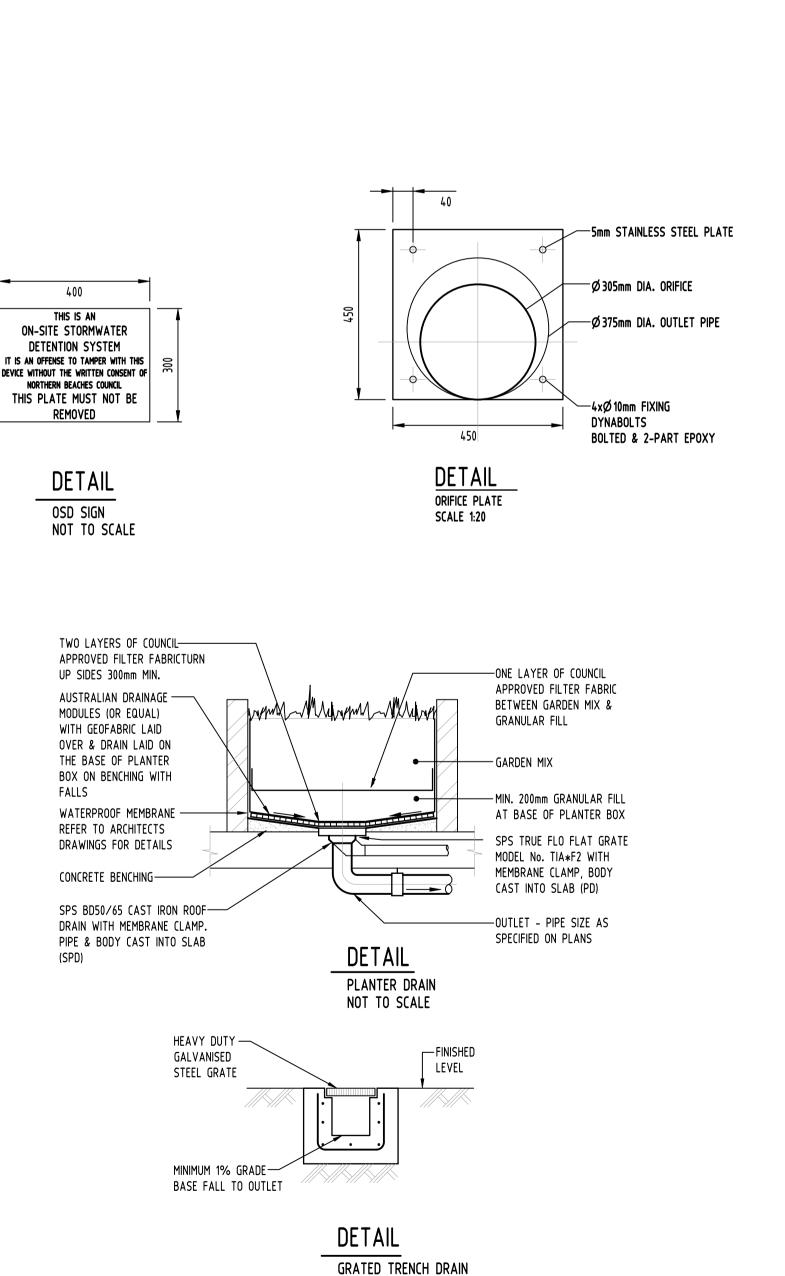
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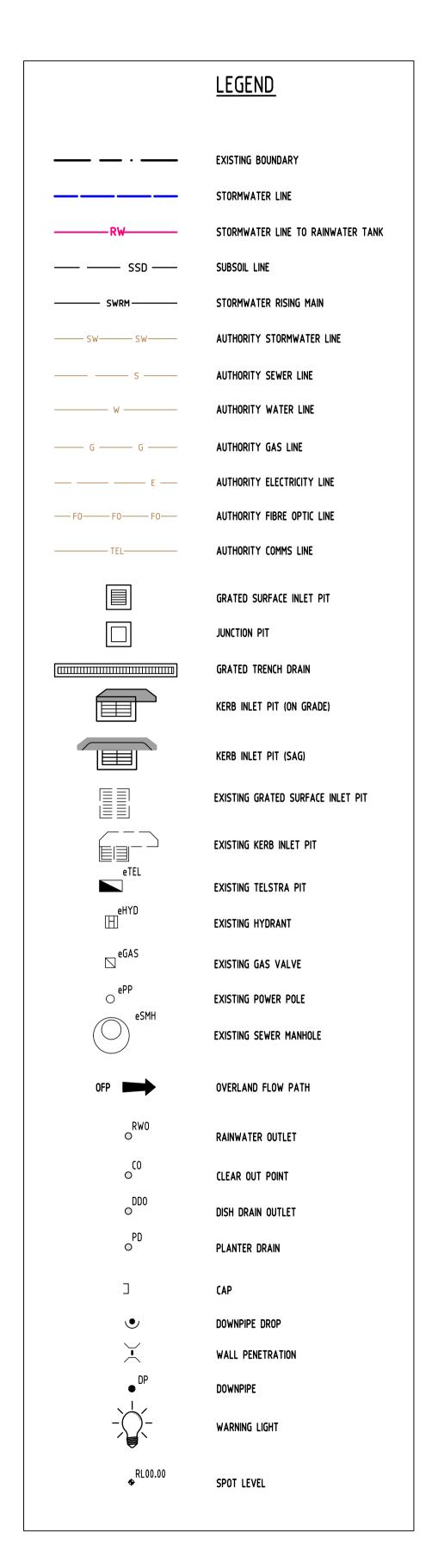
STORMWATER PIT

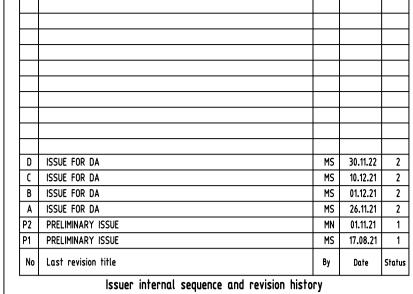
NOT TO SCALE





NOT TO SCALE





2- development application 3- construction certificate 4- tender 5- construction 6- other (specify)

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

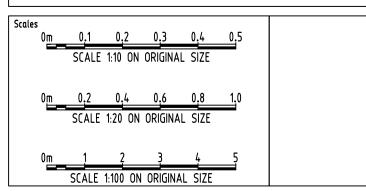
PROPOSED MIXED USE DEVELOPMENT 4 DELMAR PARADE & 812 PITTWATER ROAD, DEE WHY

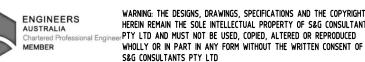
Drawing Title

STORMWATER CONCEPT DESIGN DETAILS SHEET SHEET 1 OF 2

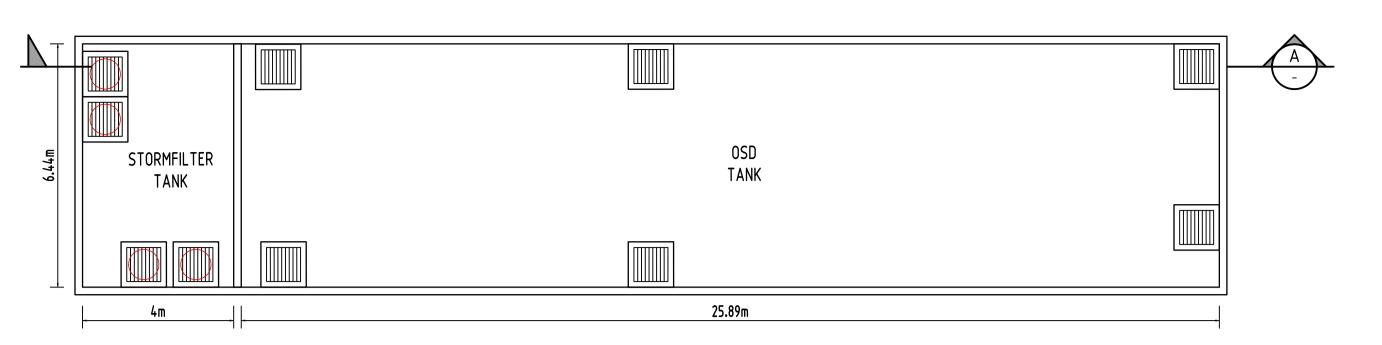
Proje	ect No	Drawing No	Revision No
202	10067	SW300	D
Sheet	Scale	Grid	Datum
6/10	AS SHOWN	MGA 56	A.H.D.

Drawing Status FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES



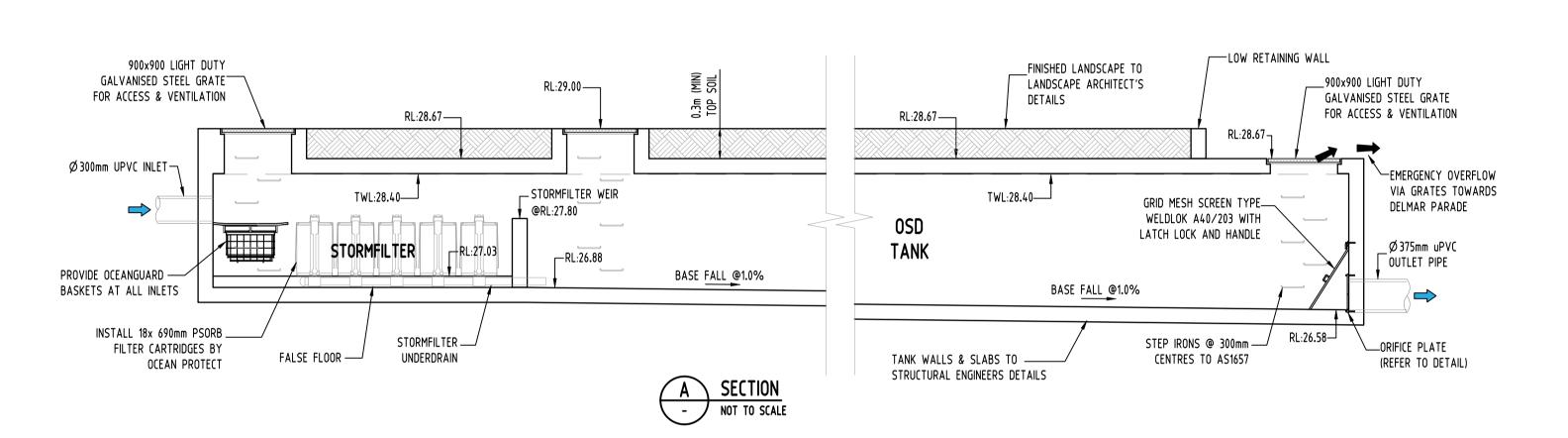


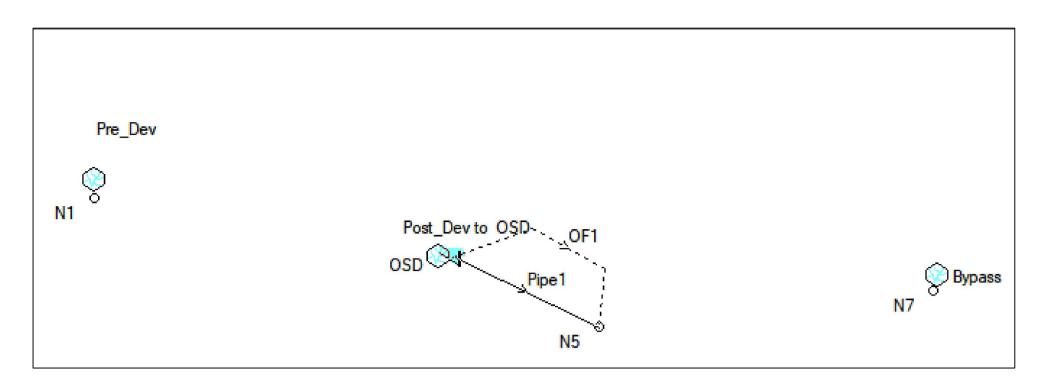
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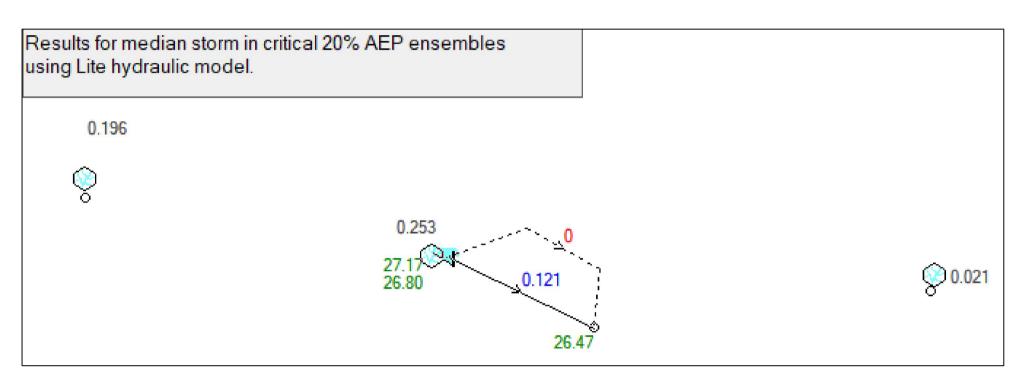
OSD TANK PLAN & DIMENSIONS (m)

SCALE 1:100

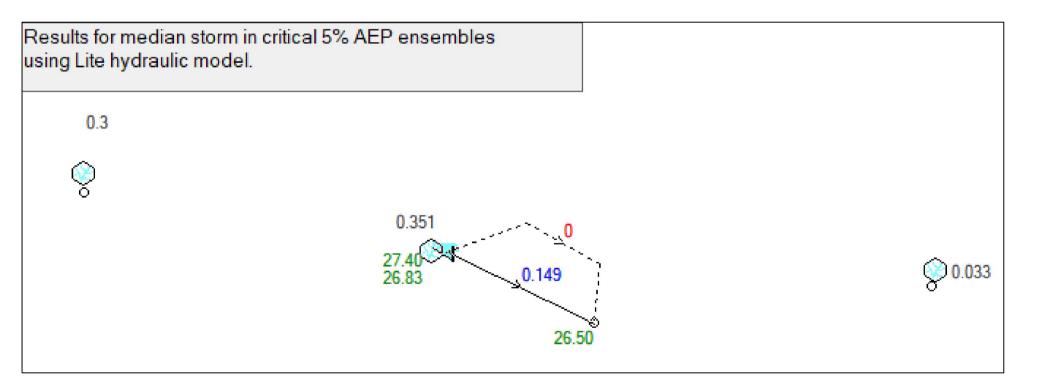




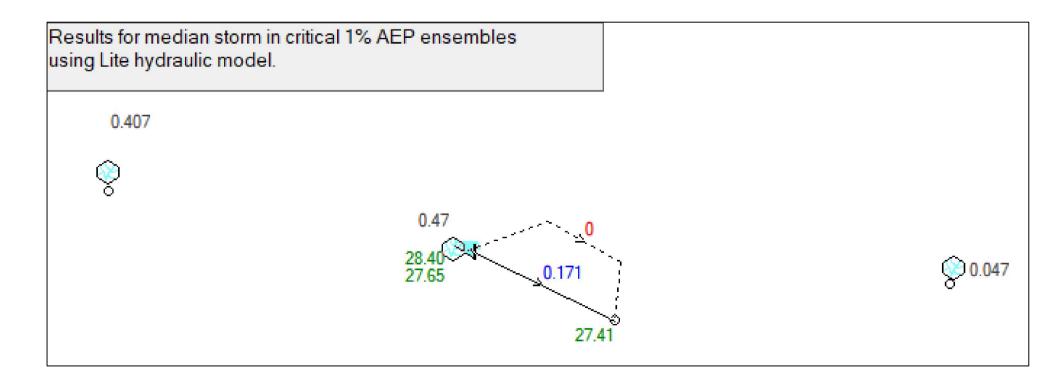
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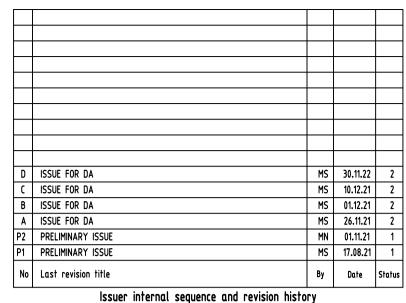
DRAINS RESULTS - 20% AEP



DRAINS RESULTS - 5% AEP



DRAINS RESULTS - 1% AEP



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

Reference	ce Coordination Drawing			
Discipline	Drawing Title and Number		Date	Rev.
ARCH				
ARCH				
STRUCT				
MECH				
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HYD				
FIRE				
LANDS				
CIVIL				
SURVEY				
	OLIVIETY CONTROL	DISCLAIMER: D	imensions no	T T

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PROJECT

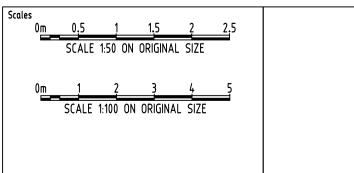
PROPOSED MIXED USE DEVELOPMENT
4 DELMAR PARADE & 812 PITTWATER ROAD,
DEE WHY

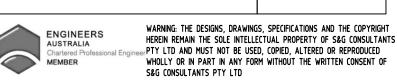
STORMWATER CONCEPT DESIGN
DETAILS SHEET
SHEET 2 OF 2

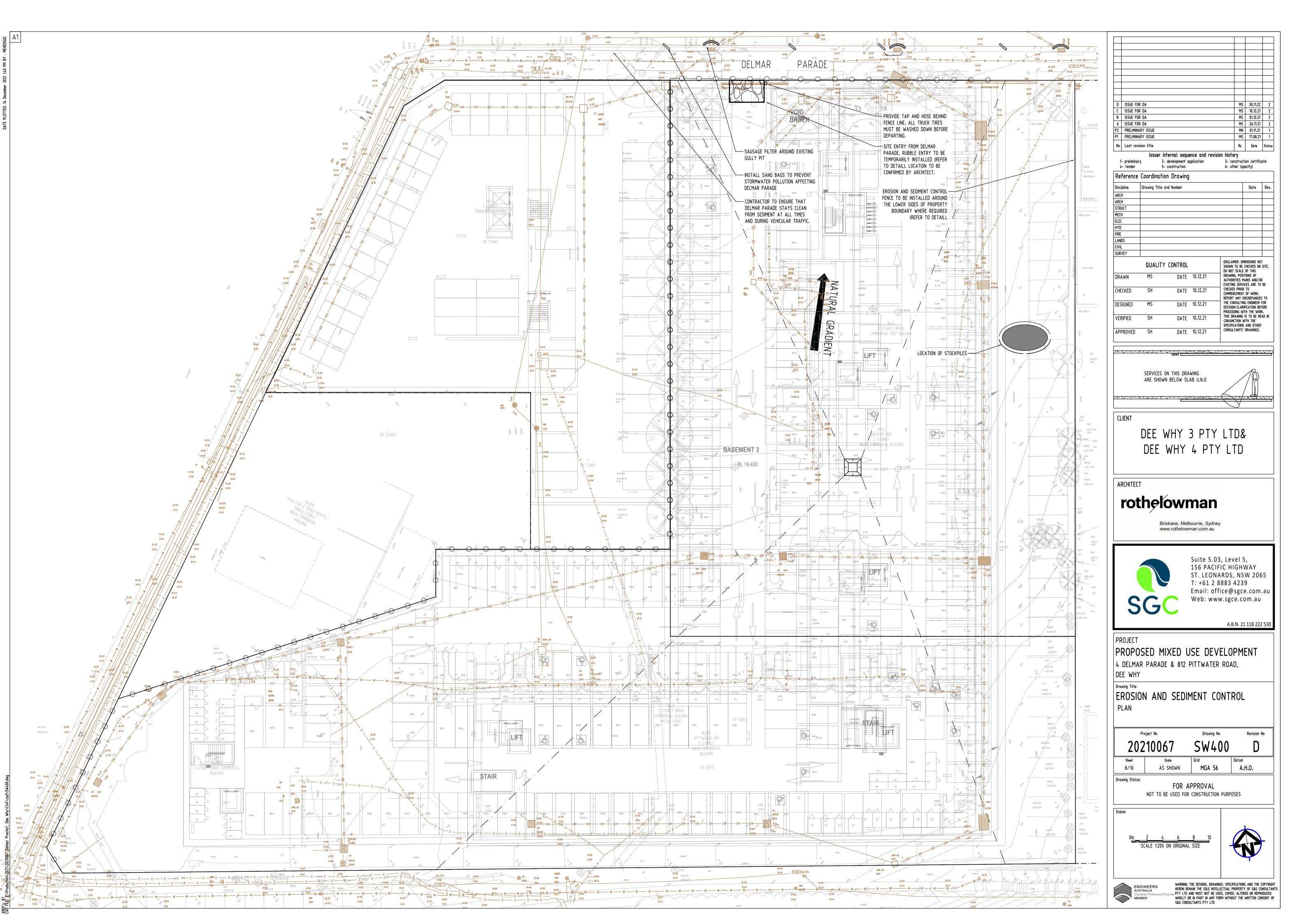
Project No		Drawing No	Revision No
202	210067	SW301	D
Sheet 7/10	Scale AS SHOWN	Grid MGA 56	Datum A.H.D.

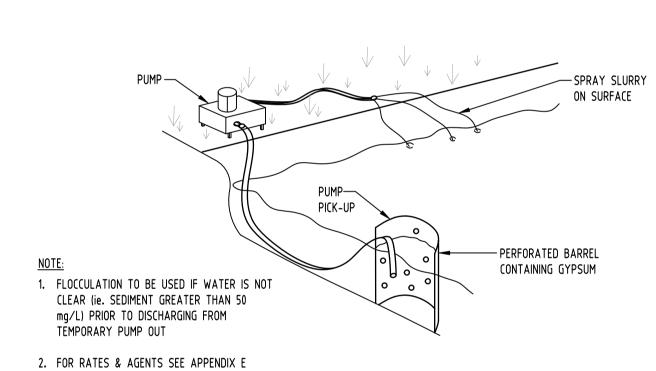
FOR APPROVAL

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OF NEW SOUTH WALES DEPARTMENT OF

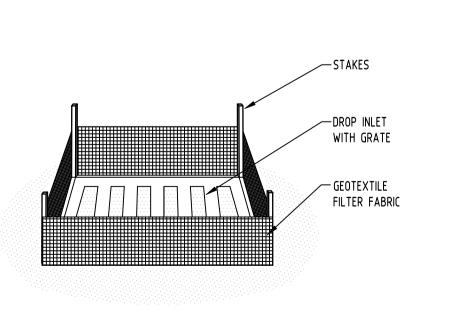
SOILS & CONSTRUCTION".

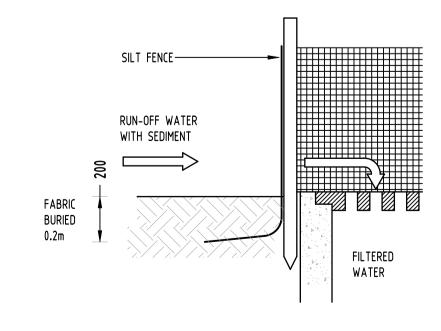
HOUSING "MANAGING URBAN STORMWATER

SANDBAGS

SAUSAGE FILTER

FLOCCULATION DETAIL NOT TO SCALE





GEOTEXTILE INLET FILTER NOT TO SCALE

EROSION & SEDIMENTATION CONTROL

- 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.
- 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.

TIMBER SPACER TO SUIT _

OVERFLOW ----

RUNOFF WATER — WITH SEDIMENT

GRAVEL FILLED WIRE MESH-

OR GEOTEXTILE 'SAUSAGE'

TIMBER SPACER TO SUIT -

KERB-SIDE INLET -

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

CLAY SOILS

-GRAVEL FILLED WIRE MESH

OR GEOTEXTILE 'SAUSAGE'

· 4 · 4 · 4 · 4

FILTERED WATER

GRAVEL INLET FILTER (SAUSAGE)

NOT TO SCALE

- 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

CONSTRUCTION NOTES:

FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR

WIRE MESH LONGER THAT THE LENGTH OF THE

FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL

FORM AN ELLIPTICAL CROSS-SECTION OF THE

MAINTAIN THE OPENING WITH SPACER BLOCKS

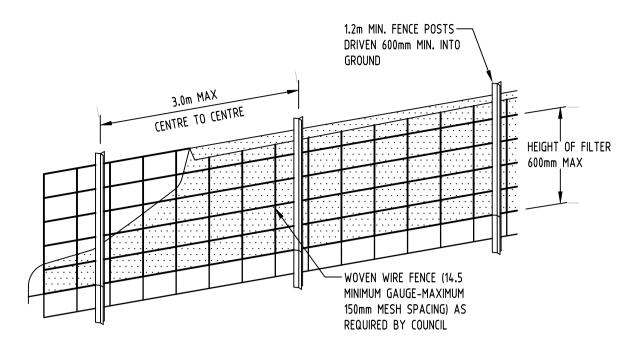
TO ACT AS AN EMERGENCY SPILLWAY

SEDIMENT BYPASSING THE FILTER

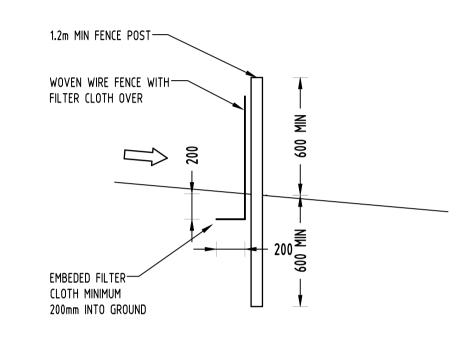
FIT TO ALL KERB INLETS AT SAG POINTS

KERB INLET LEAVING A 100mm GAP AT THE TOP

FORM A SEAL WITH THE KERBING AND PREVENT



DIAGRAMMATIC VIEW

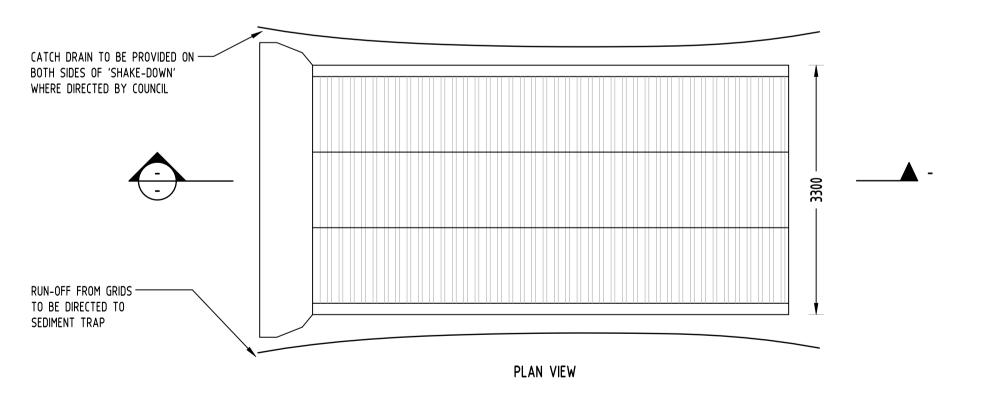


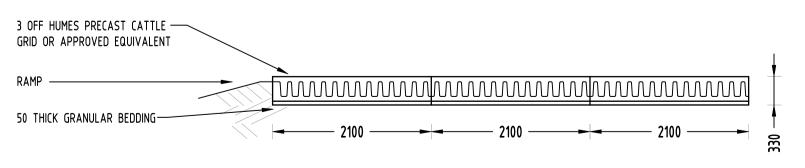
TYPICAL SECTION

SEDIMENT FENCE NOT TO SCALE

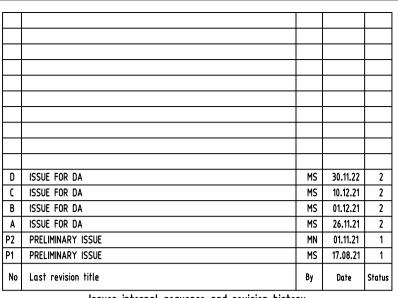
GEOTEXTILE INLET FILTER

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





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



Issuer internal sequence and revision history 2- development application 3- construction certificate 1- preliminary 4- tender 5- construction 6- other (specify)

Discipline	Drawing Title and Number		Date	Rev.
ARCH				
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STRUCT				
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LANDS		·		
CIVIL				
SURVEY				

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PROJECT

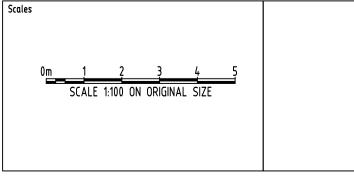
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Drawing Title EROSION AND SEDIMENT CONTROL DETAILS

Pro	Project No		Revision No	
20210067		SW401	D	
Sheet	Scale	Grid	Datum	
9/10	AS SHOWN	MGA 56	A.H.D.	

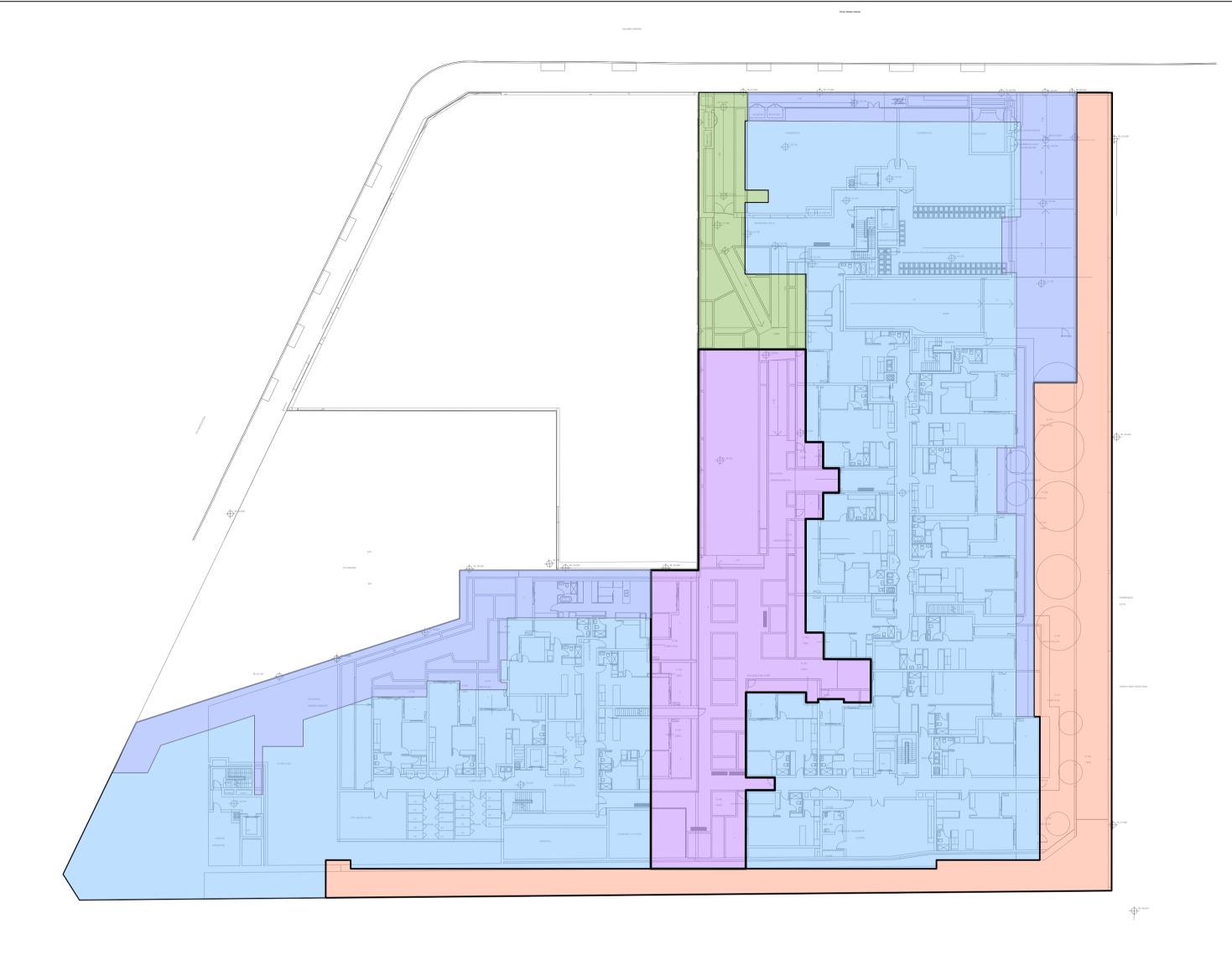
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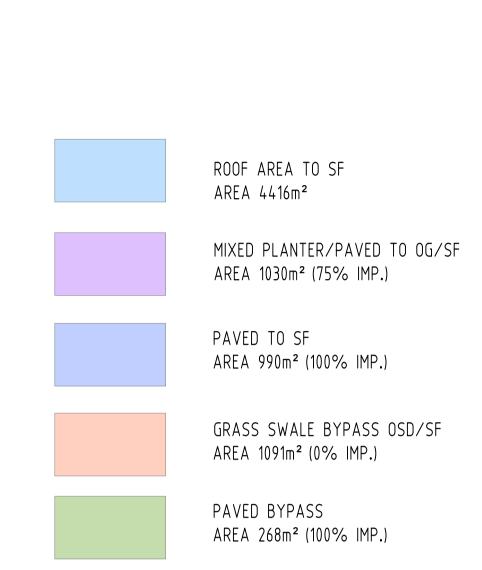
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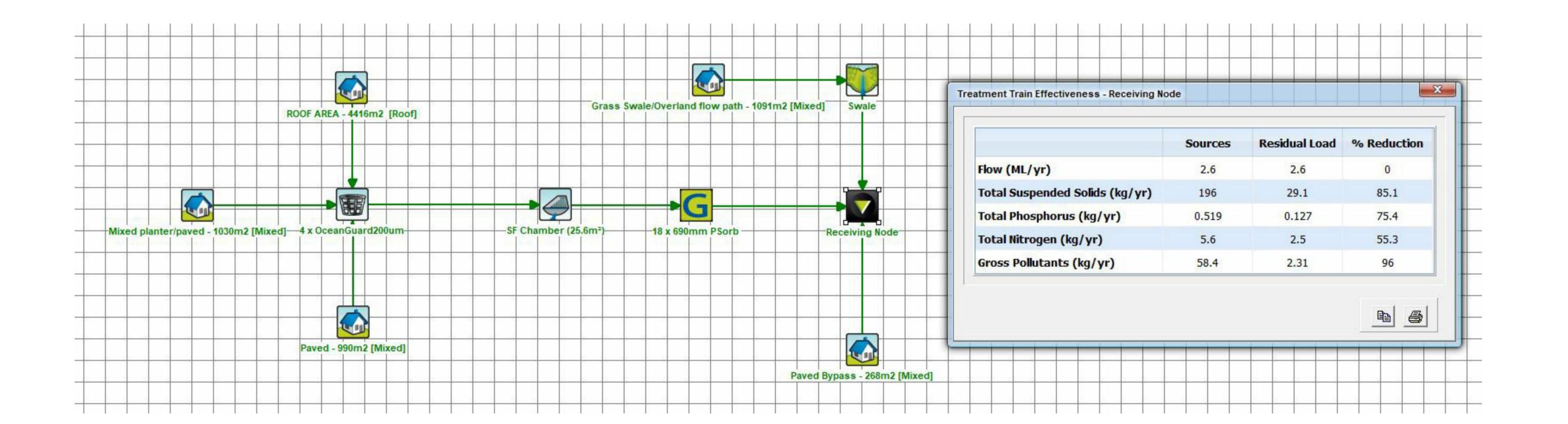












	Issuer internal sequence and revision	history		
No	Last revision title	Ву	Date	Status
P1	PRELIMINARY ISSUE	MS	17.08.21	1
P2	PRELIMINARY ISSUE	MN	01.11.21	1
Α	ISSUE FOR DA	MS	26.11.21	2
В	ISSUE FOR DA	MS	01.12.21	2
C	ISSUE FOR DA	MS	10.12.21	2
D	ISSUE FOR DA	MS	30.11.22	2
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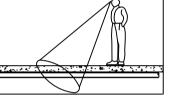
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PROJECT

PROPOSED MIXED USE DEVELOPMENT
4 DELMAR PARADE & 812 PITTWATER ROAD,
DEE WHY

STORMWATER CONCEPT DESIGN
MUSIC CATCHMENT PLAN

Pr	oject No	Drawing No	Revision No	
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10/10	1:400 @ A1	MGA 56	A.H.D.	

Drawing Status

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Scales







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