PROPOSED MIXED UES DEVELOPMENT 101-109 WILLARONG ROAD, CARINGBAH STORMWATER CONCEPT DESIGN



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

LOCALITY PLAN NOT TO SCALE COPYRIGHT OF SIXMAP, VERSION



PREPARED BY:

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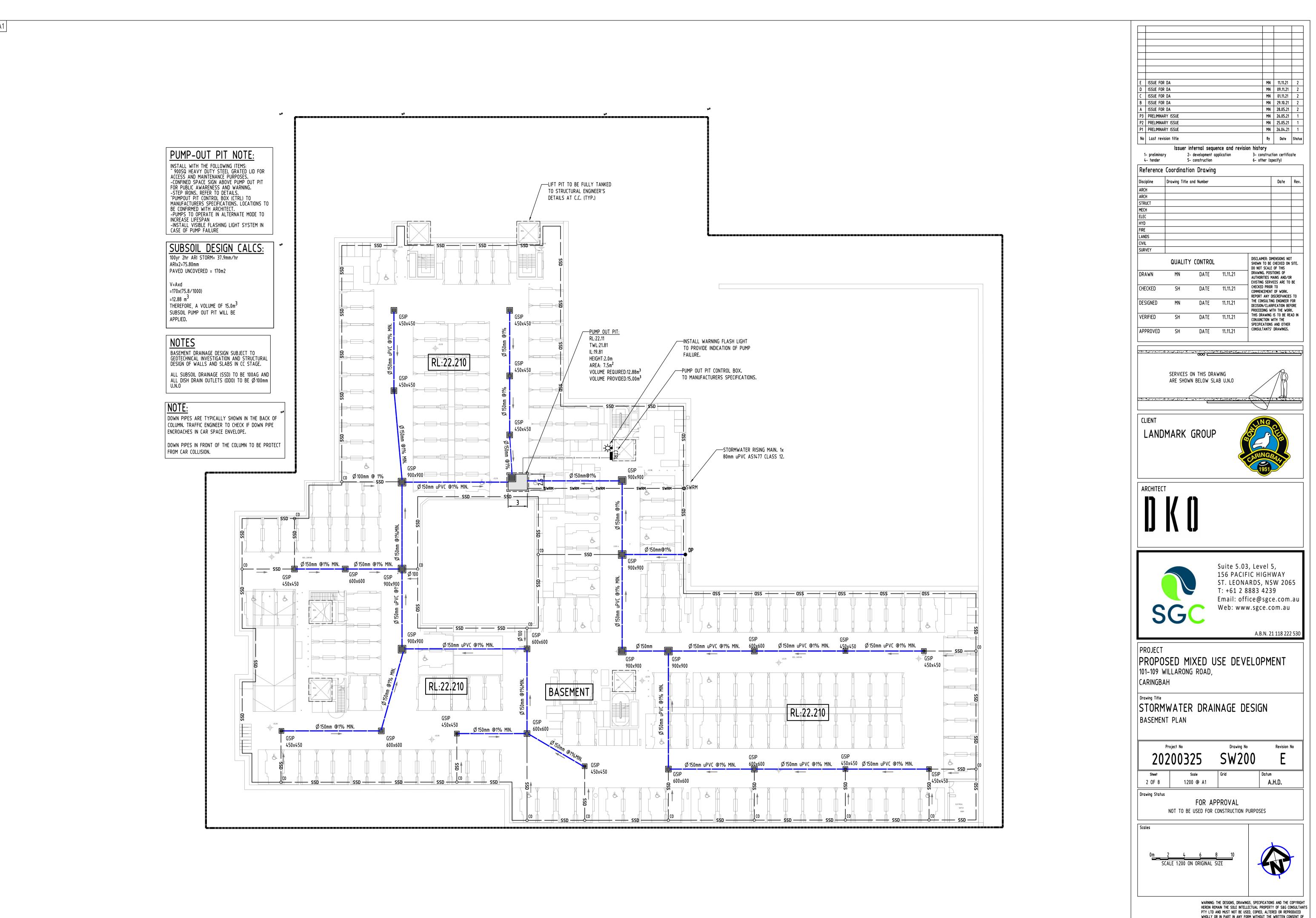
ARCHITECT:

CLIENT:

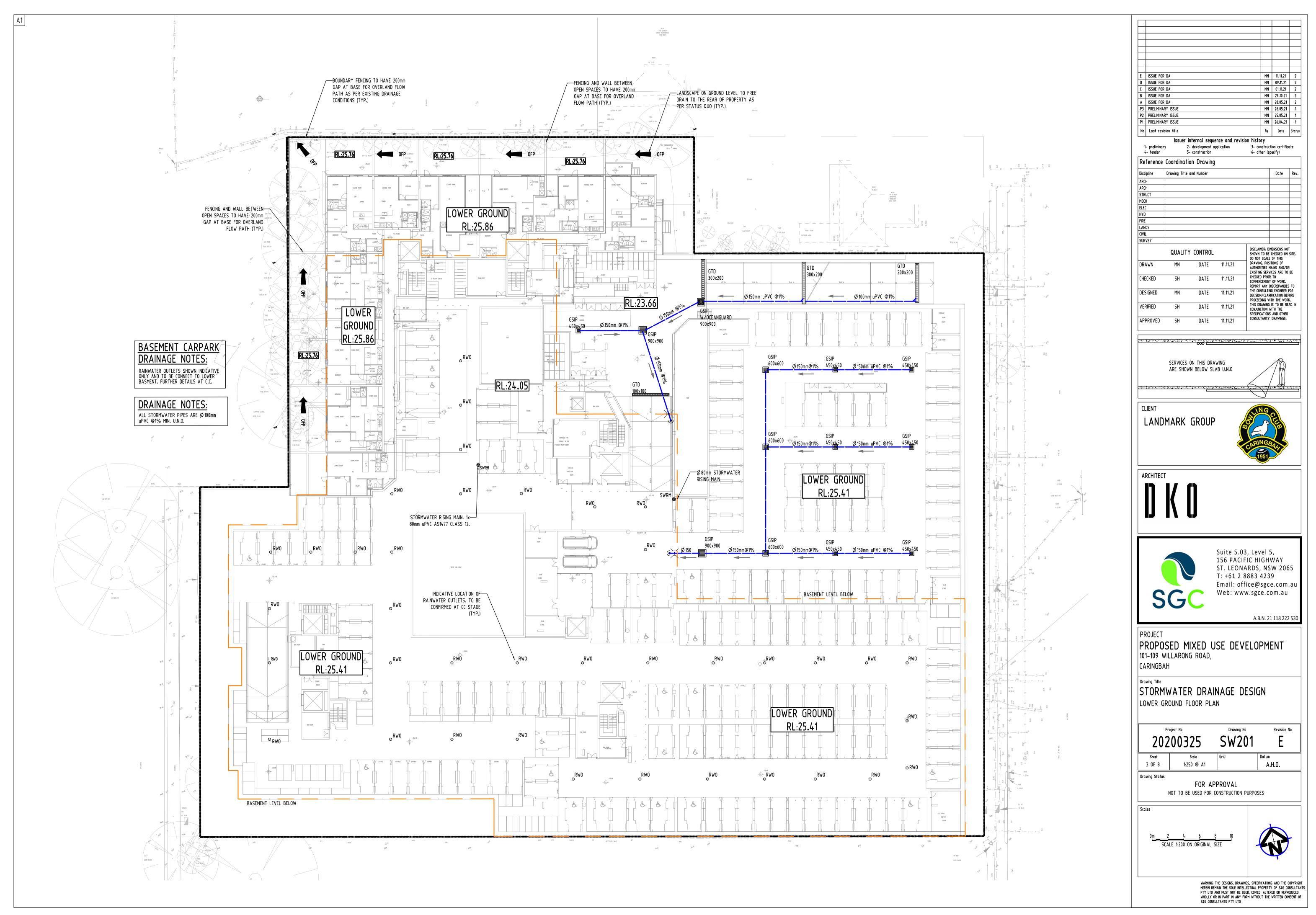
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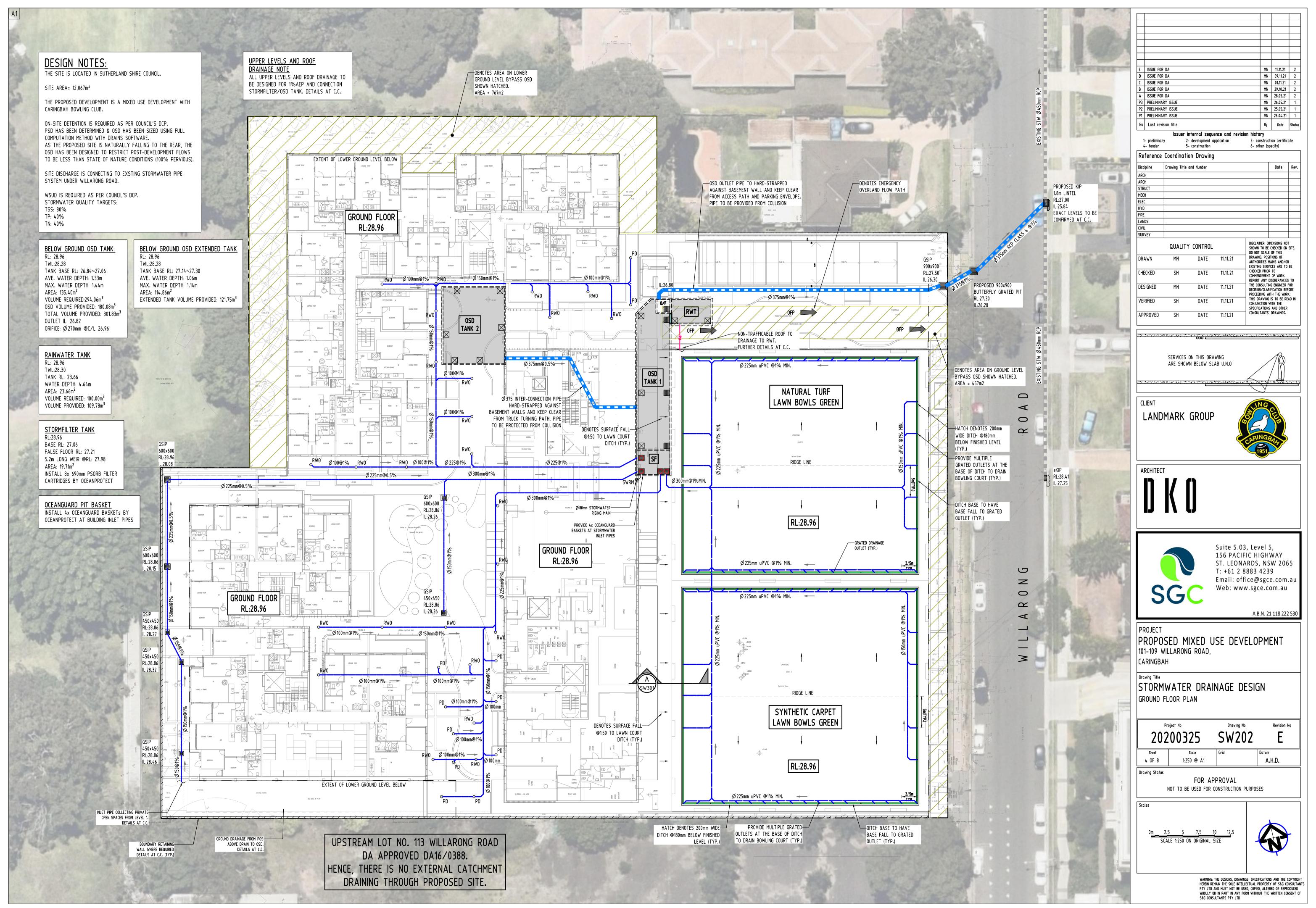
Amended Drainage Plans - PPSSSH-84 (25 January 2022) - DA21/0629

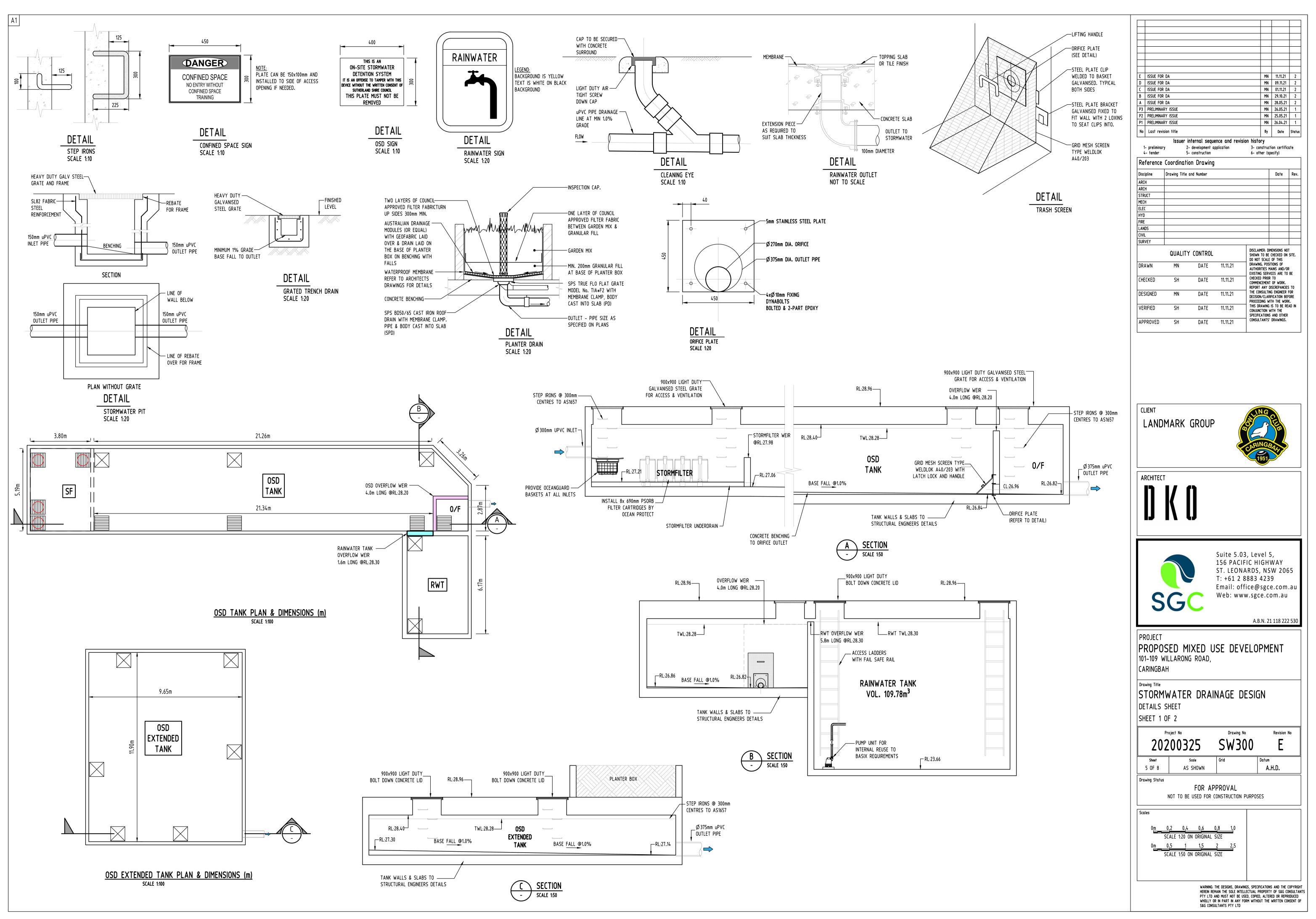


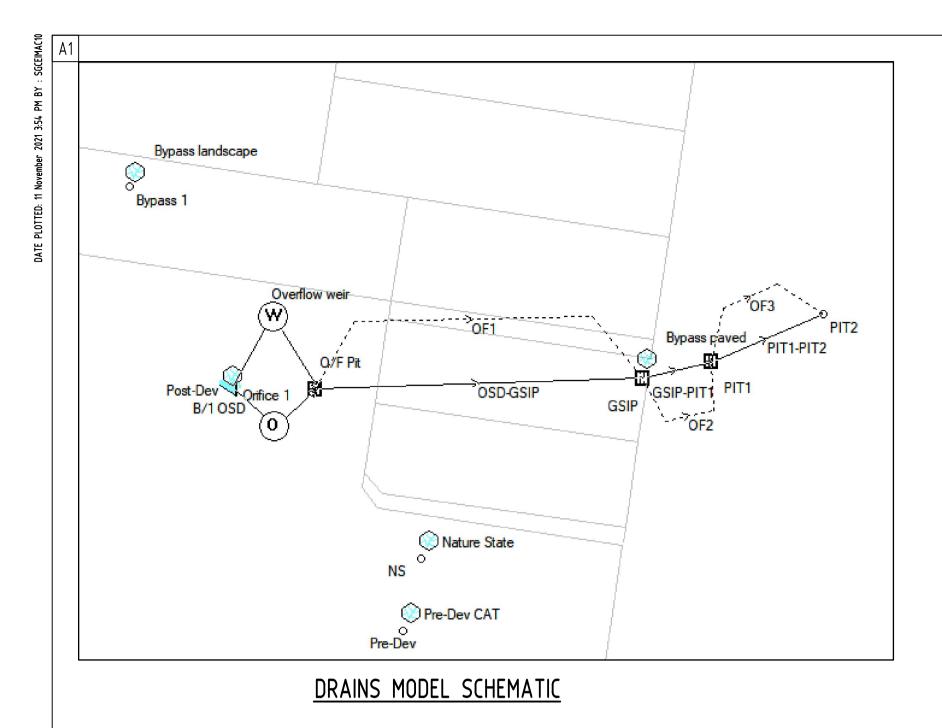
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Amended Drainage Plans - PPSSSH-84 (25 January 2022) - DA21/0629

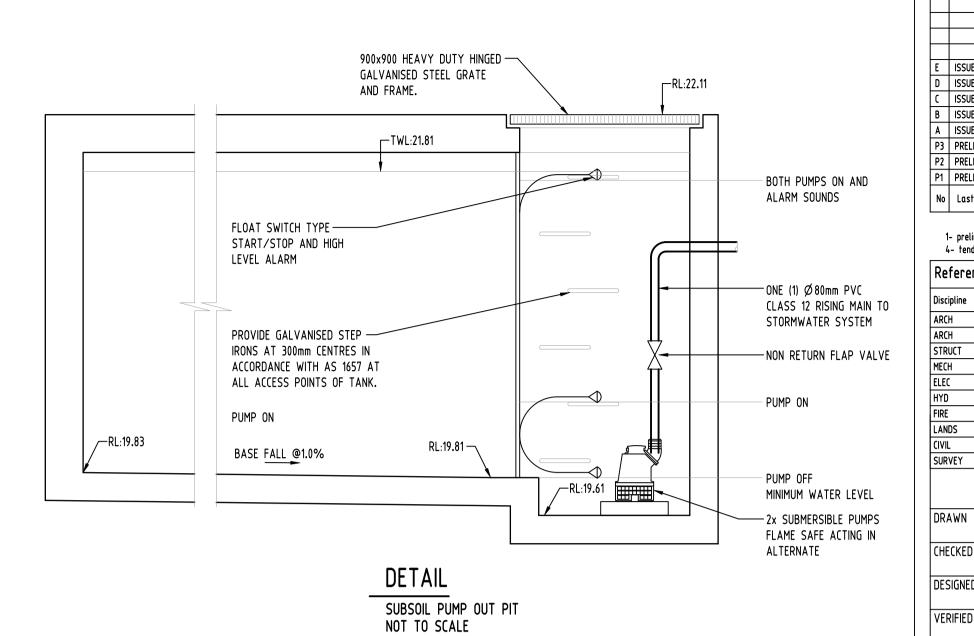


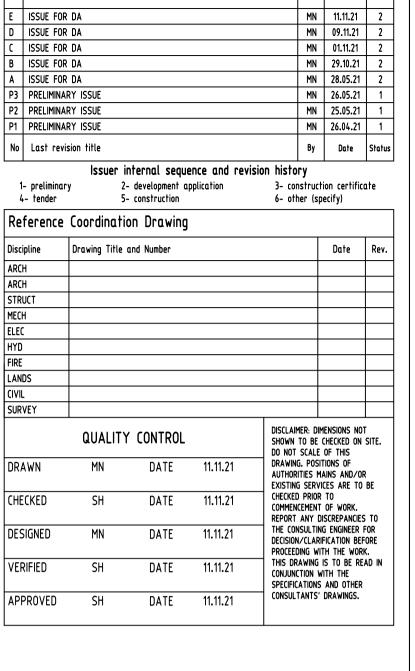




Results for median storm in critical 20% AEP ensembles using Full Unsteady hydraulic model. 0.014 **0.175** © 0.232 o

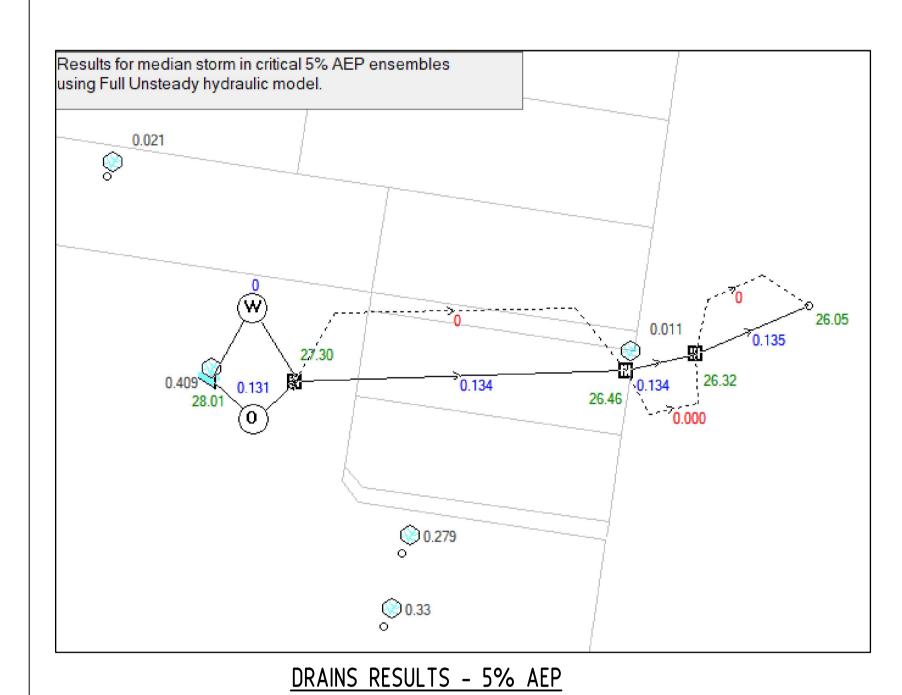
DRAINS RESULTS - 20% AEP

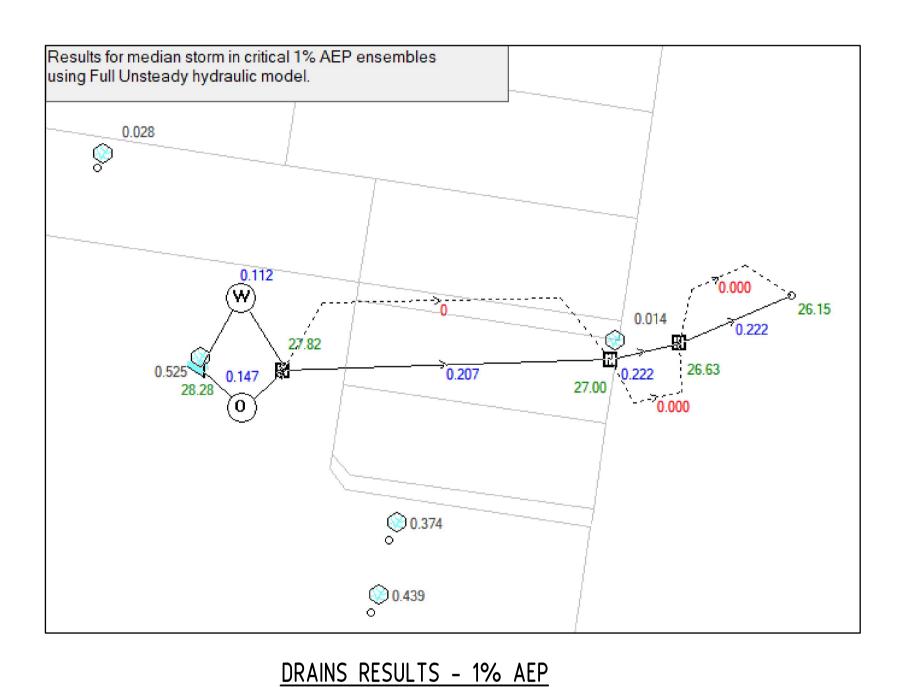


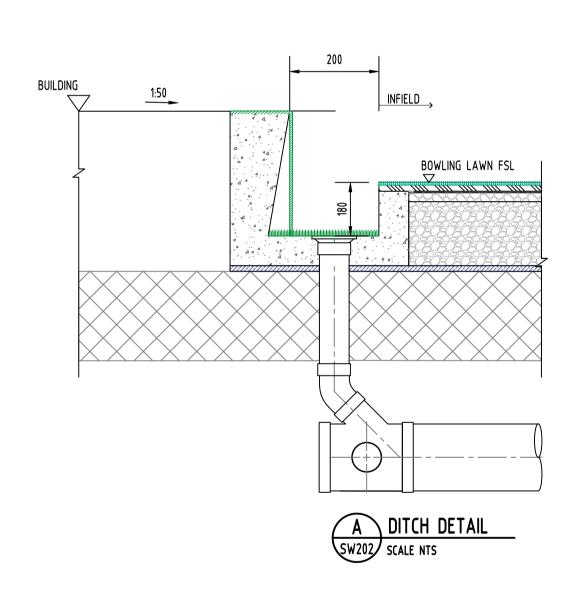


MN 11.11.21 2

MN 09.11.21 2







POST-DEVELOPMENT OSD CALCULATIONS TABLE:

	LOT AREA (m2)	STATE OF NATURE (% IMP.)	PRE-DEV IMPERVIOUS (%)	POST-DEV IMPERVIOUS (%)	STORM (YR)	NATURE STATE FLOW (m3/s)	PRE-DEV FLOW (m3/s)	POST-DEV FLOW (m3/s)	PIPE OUTFLOW (m3/s)	BYPASS FLOW (m3/s)	TOTAL PSD (m3/s)	OSD VOLUME (m3)
	12,067	0	46	70 5 20	5	0.175	0.232	0.289	0.109	0.022	0.131	294.06
					20	0.279	0.330	0.409	0.134	0.032	0.166	
					100	0.374	0.439	0.525	0.207	0.042	0.249	



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PROPOSED MIXED USE DEVELOPMENT 101-109 WILLARONG ROAD, CARINGBAH

STORMWATER DRAINAGE DESIGN DETAILS SHEET

SHEET 2 OF 2

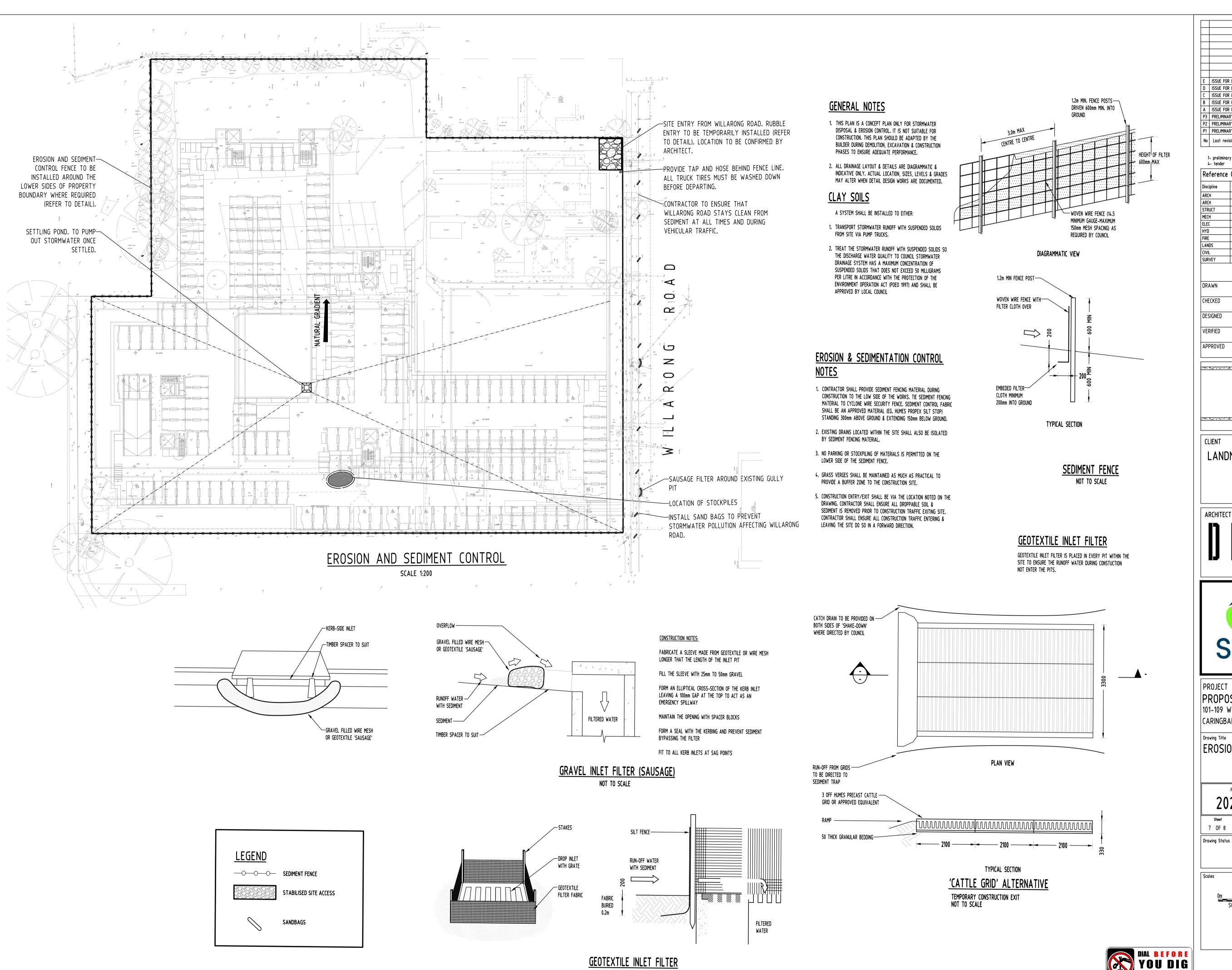
SW301 A.H.D. 6 OF 8 AS SHOWN

FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES

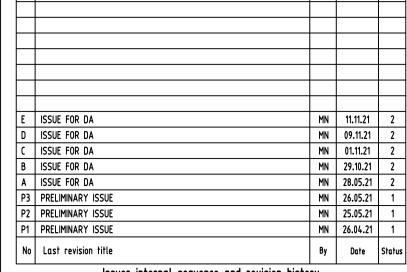
0<u>m 0,2 0,4 0,6 0,8 1,</u>0 SCALE 1:20 ON ORIGINAL SIZE 0<u>m 0.5 1 1.5 2 2.5</u> SCALE 1:50 ON ORIGINAL SIZE

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NOT TO SCALE



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

Reference Coordination Drawing Date Rev. Drawing Title and Number Discipline ARCH STRUCT MECH

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PROPOSED MIXED USE DEVELOPMENT 101-109 WILLARONG ROAD, CARINGBAH

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EROSION AND SEDIMENT CONTROL PLAN

Drawing No 1:200 @ A1

FOR APPROVAL

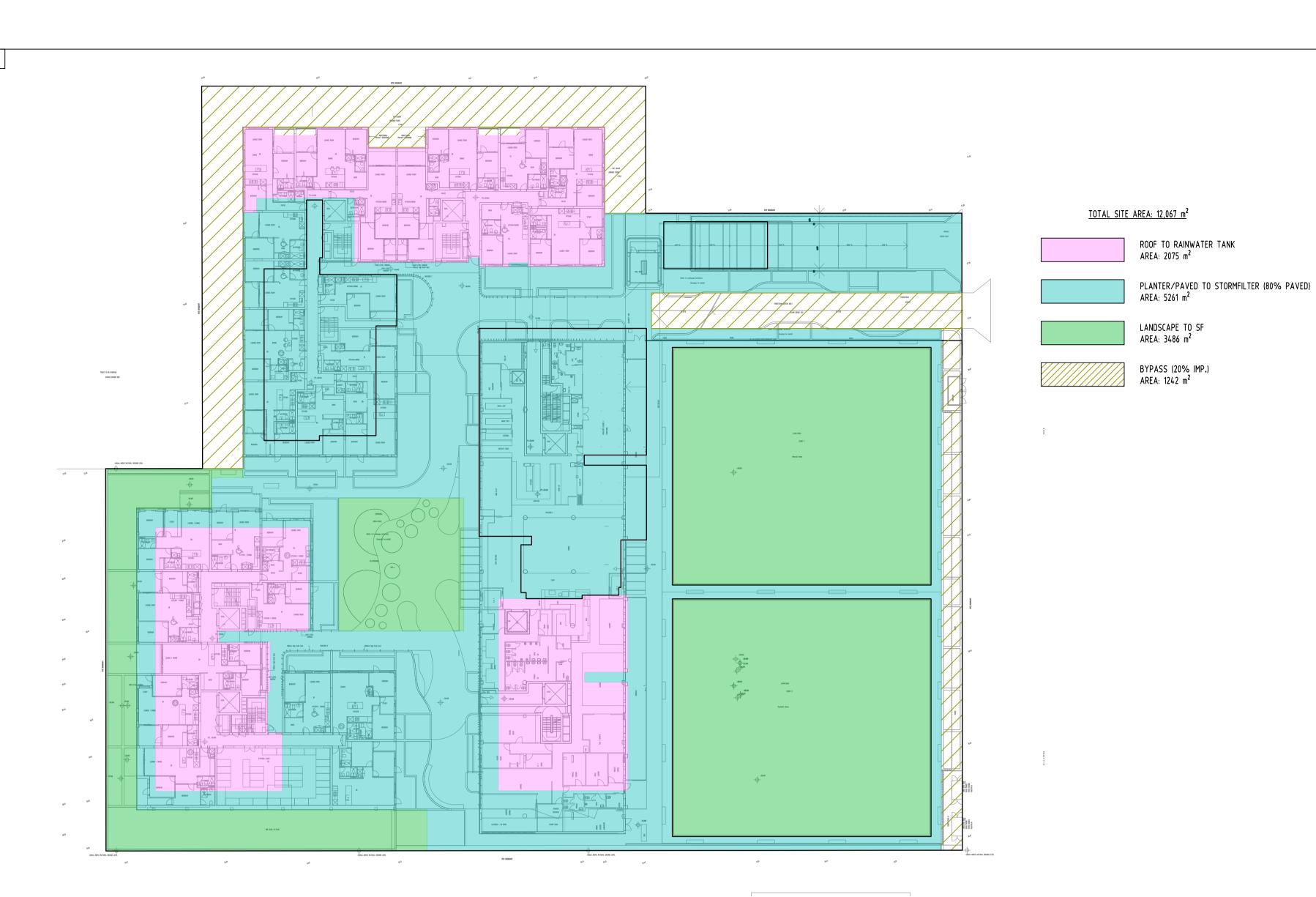
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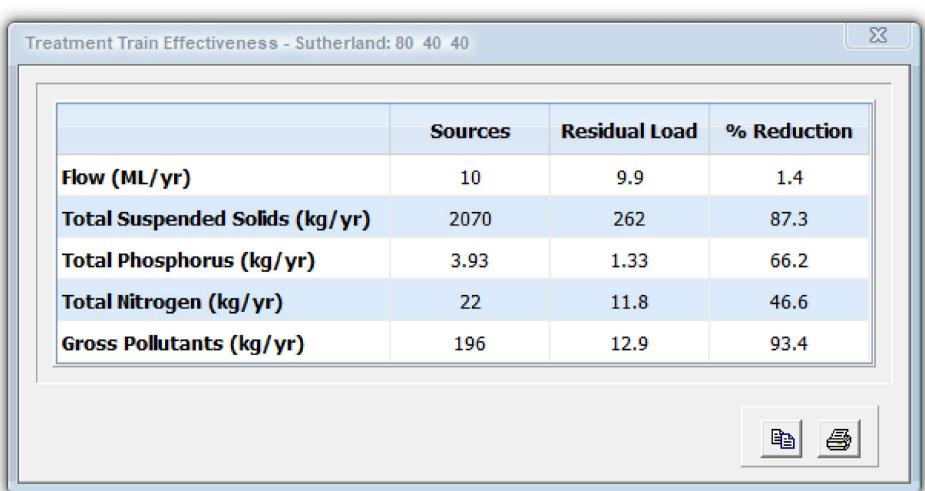
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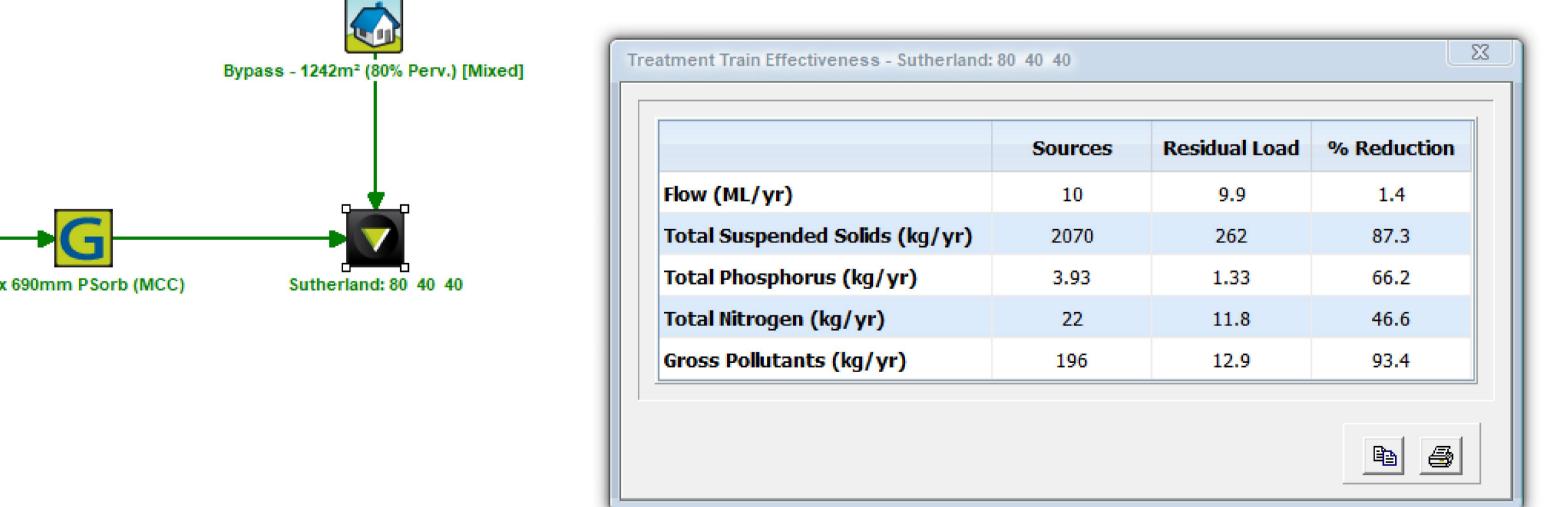
Revision No

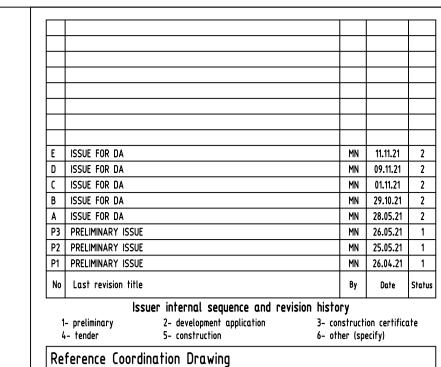
A.H.D.

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ARCH							
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CIVIL							
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PROPOSED MIXED USE DEVELOPMENT 101-109 WILLARONG ROAD,

CARINGBAH

STORMWATER DRAINAGE DESIGN MUSIC CATCHMENT PLAN

SW500 A.H.D. 8 OF 8 1:200 @ A1

Drawing No

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