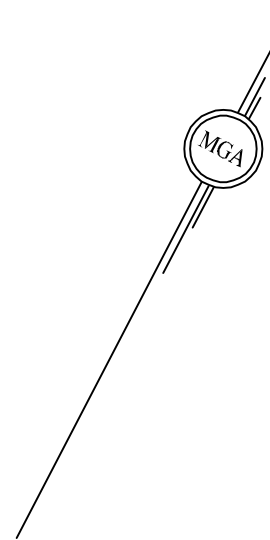


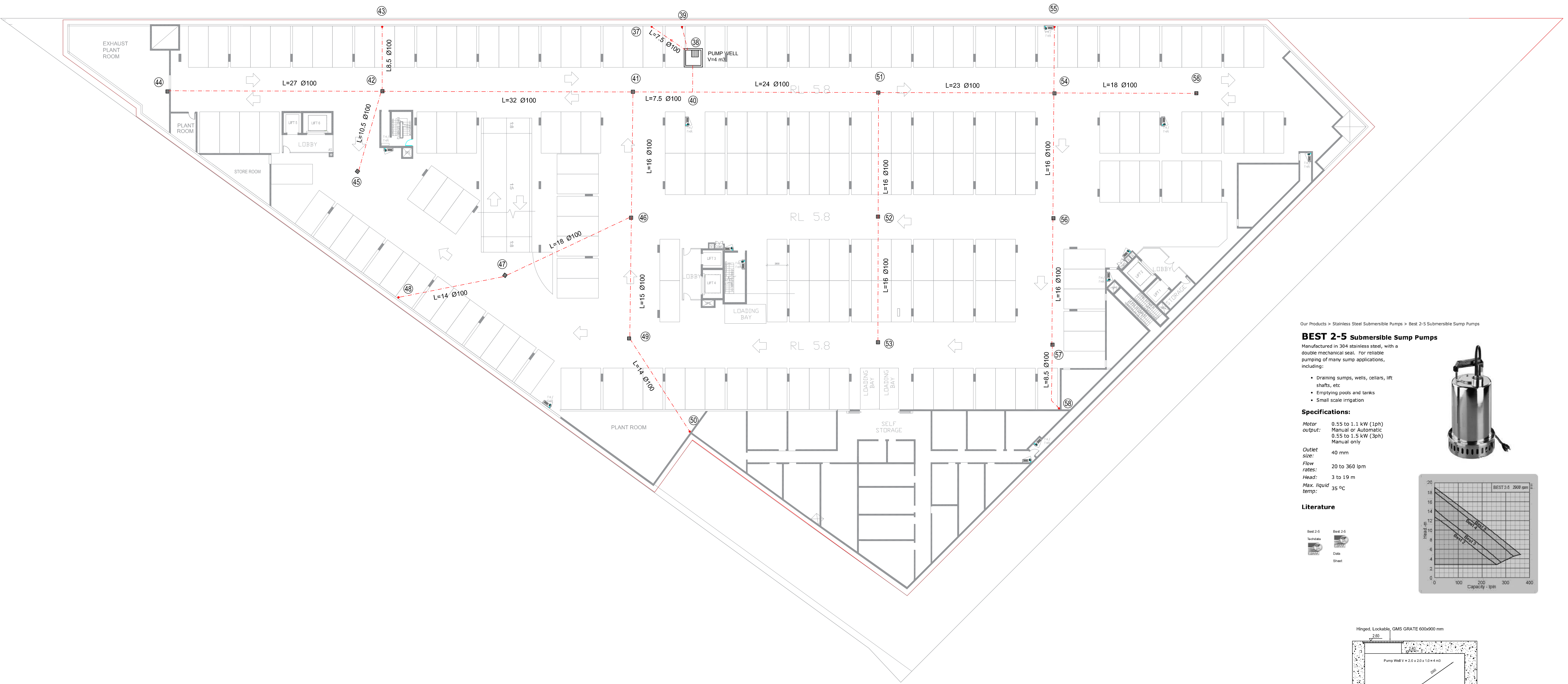
NOTE: BASEMENT MUST BE DESIGNED & CONSTRUCTED AS A "TANKED SYSTEM"



Amendments			STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE BASEMENT 2		DRAWN BY: P.K. DRAWING No.C-3732-02 SCALE: 1:200 on A0, 1:400 on A2	
1	20/05/20	For discussion				
2	20/05/20	For comment				
3	20/05/20	For comment				
4	20/05/20	For comment				
5	20/05/20	For comment				
6	20/05/20	For comment				
7	20/05/20	For comment				
8	20/05/20	For comment				
9	20/05/20	For comment				
			DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPEng, NPER-3		Kozarovski & Partners 1405 SA KINGSDOWN, CROMULLA NSW 2203 (02) 9544 8720 Mobile: 0412 987 707 pavelk@kozarenski.com.au	



NOTE: BASEMENT MUST BE DESIGNED & CONSTRUCTED AS A " TANKED SYSTEM"



Our Products > Stainless Steel Submersible Pumps > Best 2-5 Submersible Pump Pumps

BEST 2-5 Submersible Pump Pumps

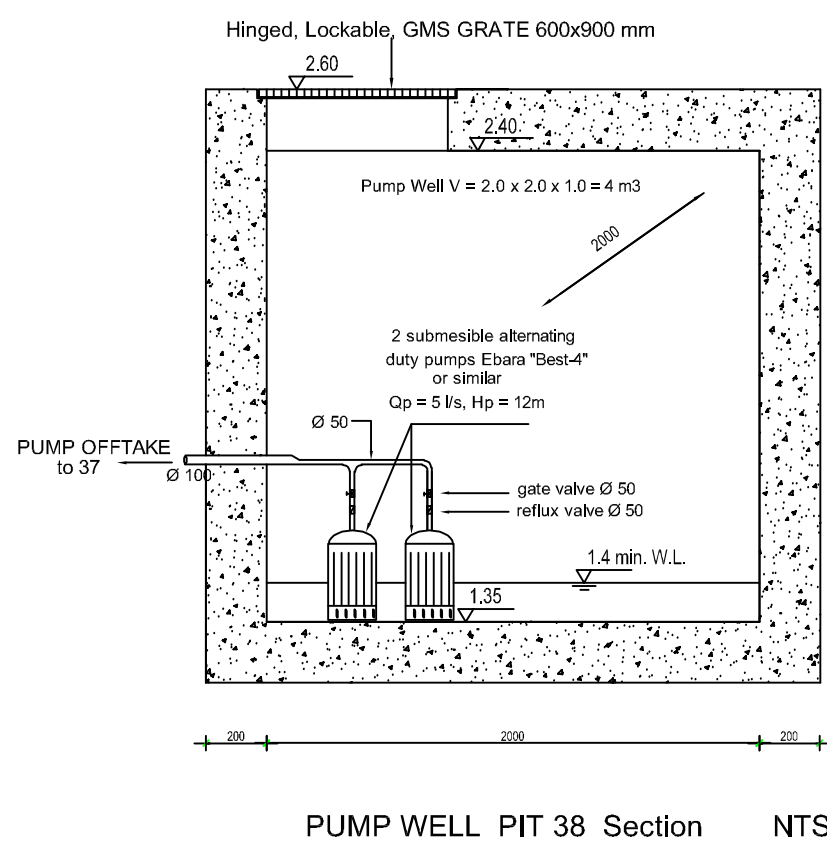
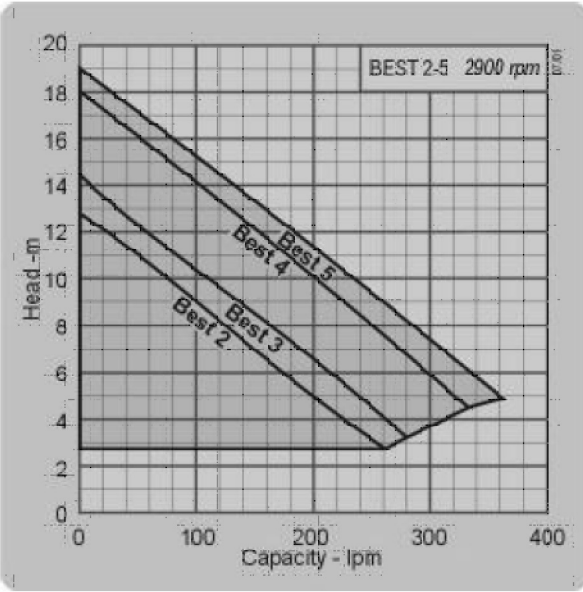
Manufactured in 304 stainless steel, with a double mechanical seal. For reliable pumping of many sump applications, including:

- Draining sumps, wells, cellars, lift shafts, etc
- Emptying pools and tanks
- Small scale irrigation

Specifications:

Motor: 0.55 to 1.1 kW (1ph)
output: Manual or Automatic
0.55 to 1.5 kW (3ph)
Manual only
Outlet size: 40 mm
Flow rates: 20 to 360 lpm
Head: 3 to 19 m
Max. liquid temp: 35 °C

Literature



Amendments		
Issue	Date	Comments
1	11/06/20	For development
2	28/06/20	For comment
3	28/06/20	For comment
4	28/06/20	For comment
5	22/10/20	For comment
6	22/10/20	For comment
7	20/05/21	For comment
8	11/06/21	For CA
9	23/06/21	For comment

STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE BASEMENT 1 DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3	DRAWN BY: P.K. DRAWING No.C-3732-01 SCALE: 1:200 on A0, 1:400 on A2 Kozarowski & Partners 1405 SA KINGSWAY, CROMWELL NSW 2230 (02) 9544 8720 Mobile: 0412 987 707 pavel@kozarowski.com.au
--	---



NOTE: LOWER GROUND FLOOR MUST BE DESIGNED & CONSTRUCTED AS A "TANKED SYSTEM"

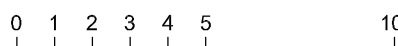
Amendments

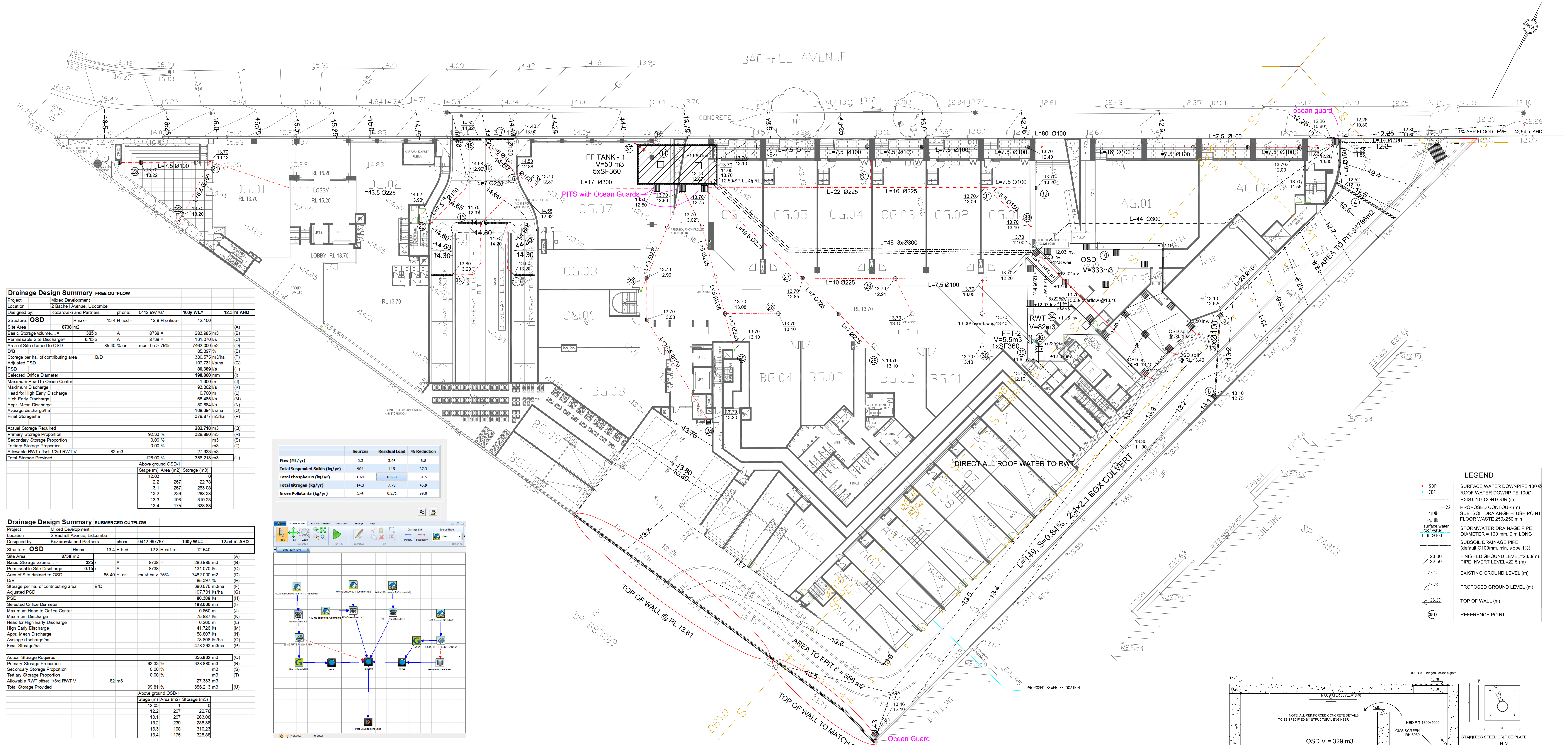
Issue	Date	Comments
1	13/06/22	for discussion
2	28/06/22	for comments
3	28/06/22	for comments2
4	29/06/22	for comments3
5	31/10/22	draft
6	23/11/22	for comments 4
7	30/03/23	for comments 5
8	17/04/23	for DA
9	10/05/24	Group 6 comments addressed

STORMWATER DRAINAGE PLAN FOR
PROPOSED DEVELOPMENT AT
No. 2 BACHELL AVENUE, LIDCOMBE
LOWER GROUND FLOOR

DESIGNED BY: PAVEL KOZAROVSKI,
MIEAus, CPEng, NPFR-3

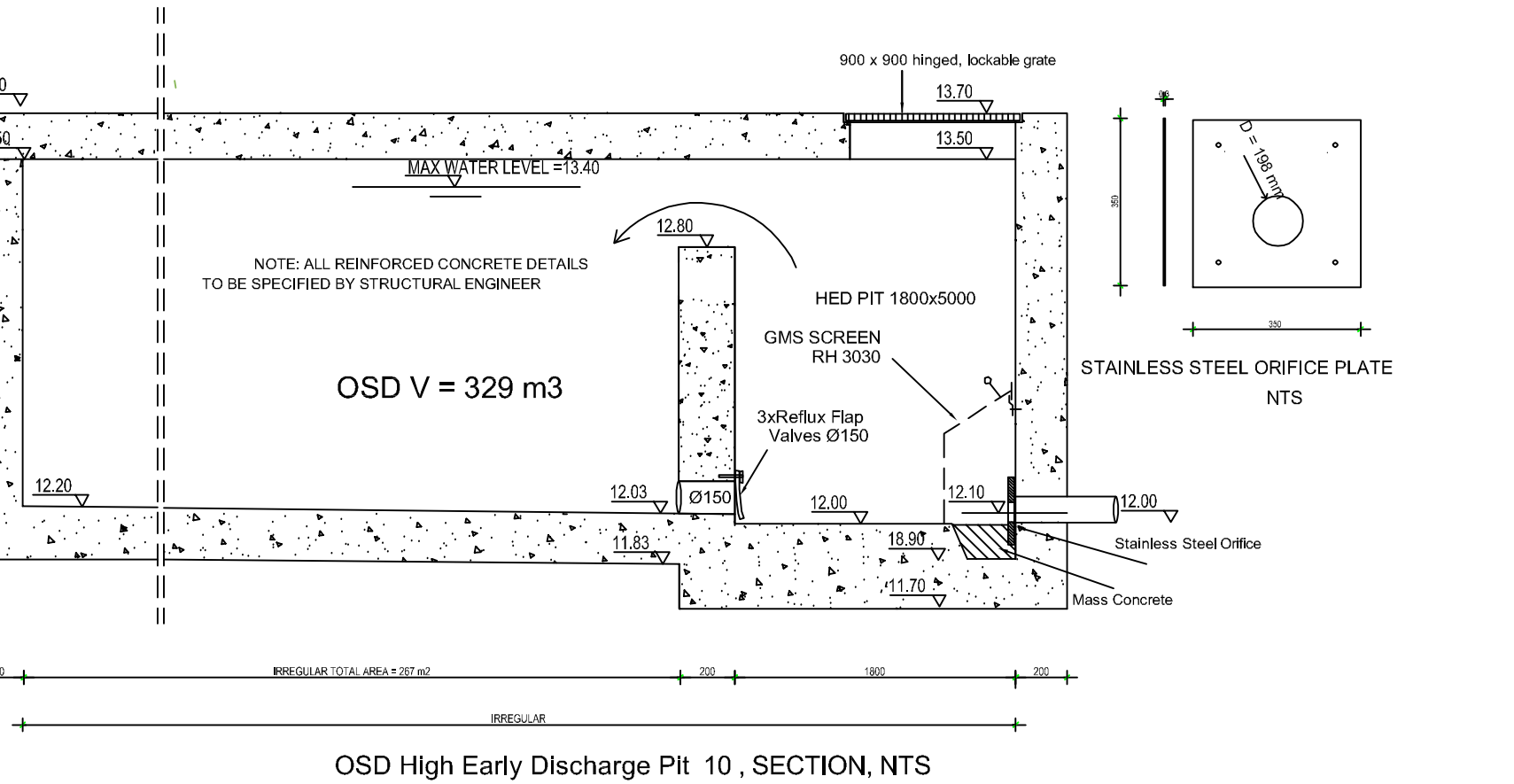
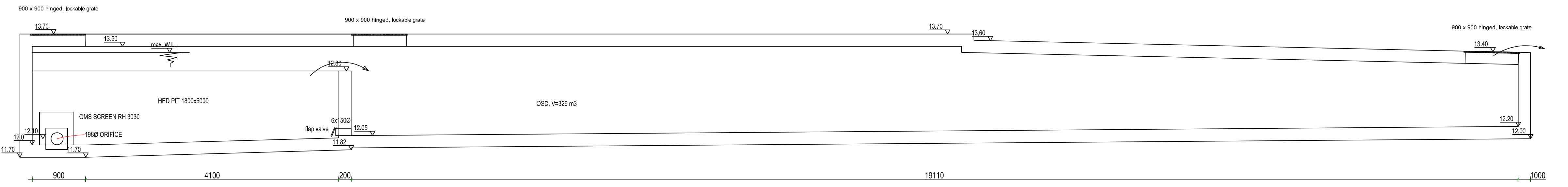
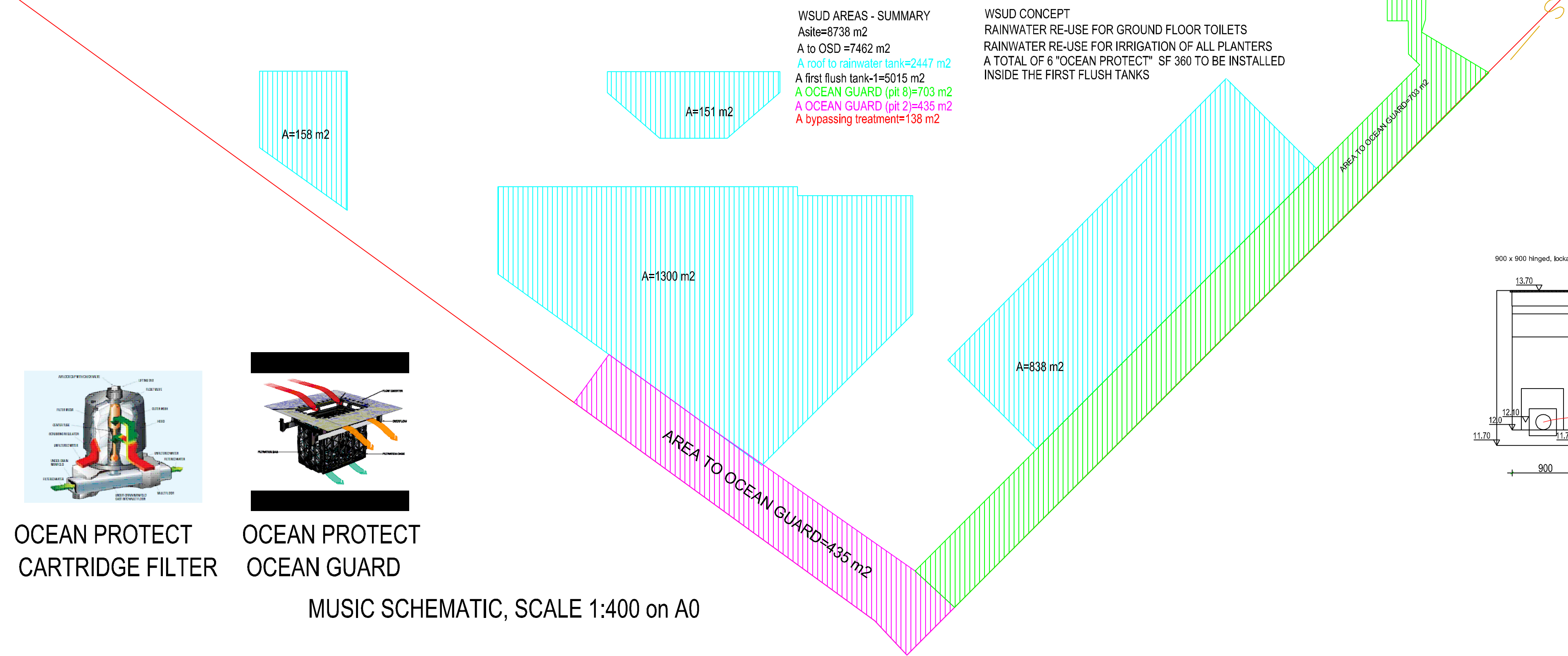
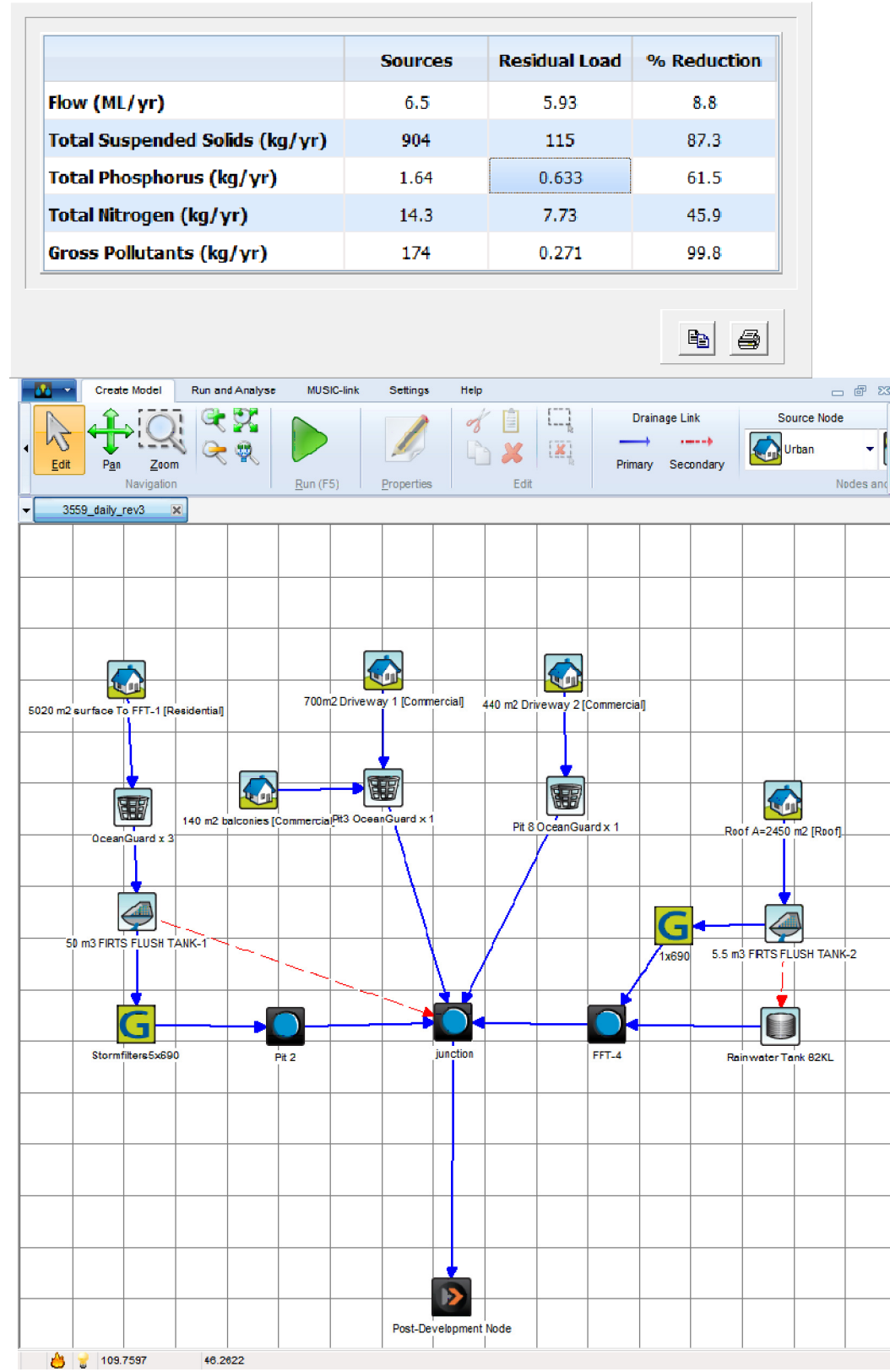
DRAWN BY: P.K.
DRAWING No.C-3732-03
CALE: 1:200 on A0, 1:400 on A2
ozanovsk & Partners 4152-54 KINGSWAY, CRONULLA NSW 2220 (2) 8544 8720 Mobile: (0)12 997 787 sevelis@ozanovsk.com.au





Drainage Design Summary FREE OUTFLOW												
Project	Mixed Development											
Location	2 Bachel Avenue, Lidcombe											
Designed by	Kozarovski and Partners											
Structure	OSD	Hmax=	13.4 H had =	12.8 H office=	100y WL=	12.3 m AHD						
Site Area	8738 m ²											
Basic Storage volume	= 329 m ³	A	8738 =	283 885 m ³	(B)							
Permissible Site Discharge	0.15 l/s	A	8738 =	131 070 l/s	(C)							
Area of Site drained to OSD	86.40 % or must be > 75%	A	8738 =	7462 000 m ²	(D)							
D/B	Storage per ha. of contributing area	B/D		380 876 m ³ /ha	(E)							
Adjusted PSD				107 731 l/s/ha	(F)							
PSD				80 389 l/s	(H)							
Selected Orifice Diameter				158 000 mm	(J)							
Maximum Head to Office Center				1 500 mm	(K)							
Maximum Discharge				93 302 l/s	(L)							
Head for High Early Discharge				0.700 m	(M)							
High Early Discharge				68 465 l/s	(N)							
Apr. Mean Discharge				80 884 l/s	(O)							
Average discharge/ha				108 944 l/s/ha	(P)							
Final Storage/ha				378 877 m ³ /ha	(Q)							
Actual Storage Required				282 716 m ³	(R)							
Primary Storage Proportion			92.33 %	328 885 m ³	(S)							
Secondary Storage Proportion			0.00 %	m ³	(T)							
Tertiary Storage Proportion			0.00 %	m ³	(U)							
Allowable RWT offset 1/3rd RWT V		82 m ³		27 333 m ³	(V)							
Total Storage Provided			126.00 m ³	358 213 m ³	(W)							
Above ground OSD-1												
Stage (m)		Area (m ²)	Storage (m ³)									
12.03		1	0									
12.2		267	22 716									
13.1		267	263 08									
13.2		239	288 38									
13.3		198	310 23									
13.4		175	328 88									

Drainage Design Summary SUBMERGED OUTFLOW												
Project	Mixed Development											
Location	2 Bachel Avenue, Lidcombe											
Designed by	Kozarovski and Partners											
Structure	OSD	Hmax=	13.4 m head =	12.8 m office=	100y WL=	12.54 m AHD						
Site Area	8738 m ²											
Basic Storage volume	329 m ³	A	8738 =	283 885 m ³	(A)							
Permissible Site Discharge	0.15 l/s	A	8738 =	131 070 l/s	(B)							
Area of Site drained to OSD	86.40 % or must be > 75%	A	8738 =	7462 000 m ²	(C)							
D/B	Storage per ha. of contributing area	B/D		380 876 m ³ /ha	(D)							
Adjusted PSD				107 731 l/s/ha	(E)							
PSD				80 389 l/s	(F)							
Selected Orifice Diameter				158 000 mm	(G)							
Maximum Head to Office Center				0 860 m	(H)							
Maximum Discharge				75 887 l/s	(I)							
Head for High Early Discharge				0 260 m	(J)							
High Early Discharge				41 726 l/s	(K)							
Apr. Mean Discharge				58 807 l/s	(L)							
Average discharge/ha				78 808 l/s/ha	(M)							
Final Storage/ha				478 293 m ³ /ha	(N)							
Actual Storage Required				356 902 m ³	(O)							
Primary Storage Proportion				92.33 %	(P)							
Secondary Storage Proportion				0.00 %	(Q)							
Tertiary Storage Proportion				0.00 %	(R)							
Allowable RWT offset 1/3rd RWT V			82 m ³		(S)							
Total Storage Provided				99.81 %	(T)							
Above ground OSD-1												
Stage (m)	Area (m ²)	Storage (m ³)										
12.03	1	0										
12.2	267	22 716										
13.1	267	263 08										
13.2	239	288 38										
13.3	198	310 23										
13.4	175	328 88										

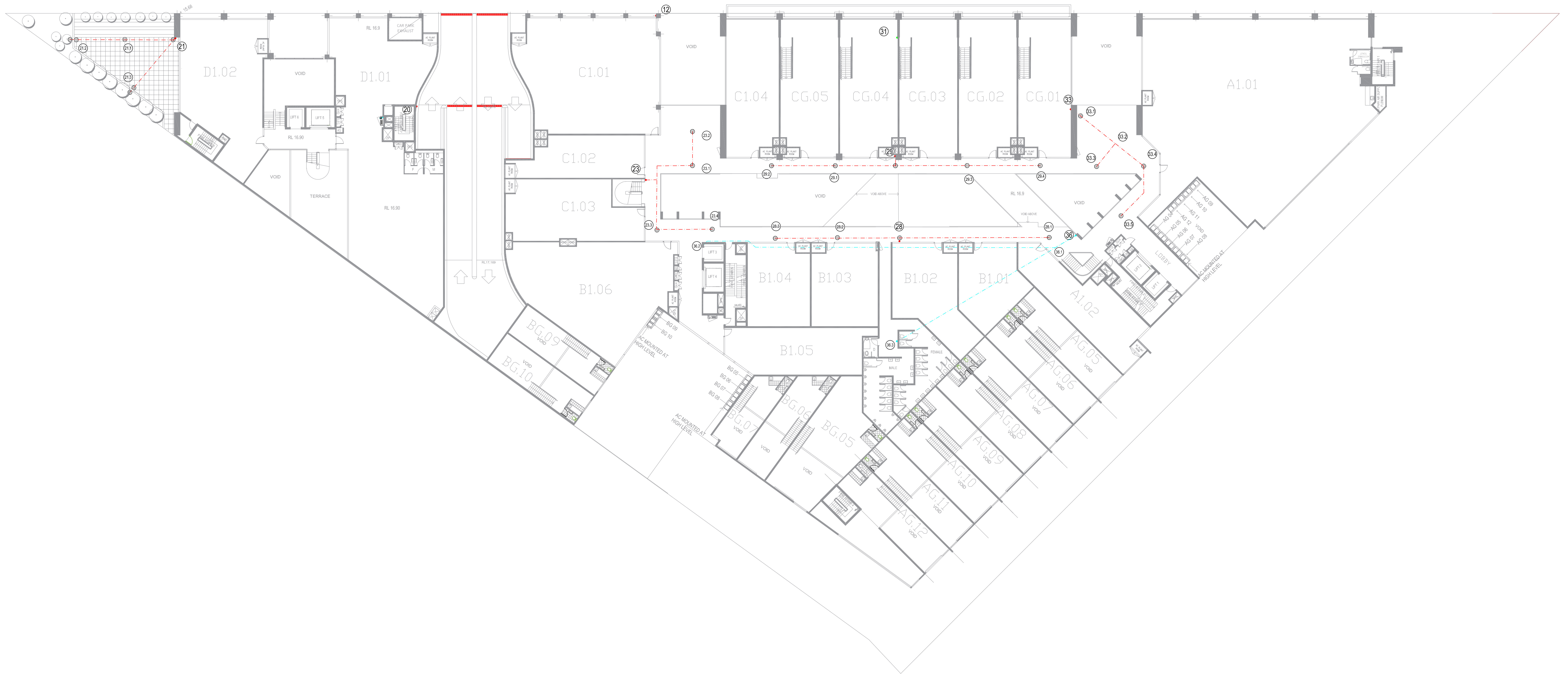
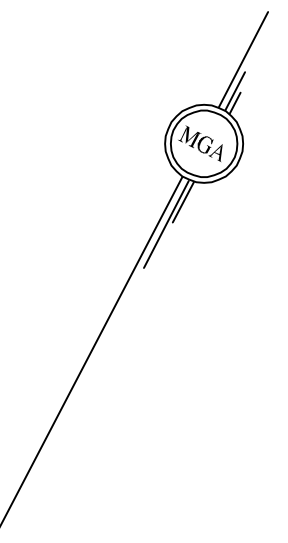


LEGEND	
SDP	SURFACE WATER DOWNPIPE 100 Ø
SDP	ROOF WATER DOWNPIPE 100 Ø
EXISTING CONTOUR (m)	EXISTING CONTOUR (m)
PROPOSED CONTOUR (m)	PROPOSED CONTOUR (m)
Sub. Soil Drainage Flush Point	SUB. SOIL DRAINAGE FLUSH POINT
Floor Waste 250x250 min	FLOOR WASTE 250x250 min
Stormwater Drainage Pipe	STORMWATER DRAINAGE PIPE
Diameter = 100 mm, 9 m LONG	DIAMETER = 100 mm, 9 m LONG
Subsoil Drainage Pipe	SUBSOIL DRAINAGE PIPE
(default Ø100mm, min. slope 1%)	(default Ø100mm, min. slope 1%)
Finished Ground Level=23.0(m)	FINISHED GROUND LEVEL=23.0(m)
Pipe Invert Level=22.5 (m)	PIPE INVERT LEVEL=22.5 (m)
Existing Ground Level (m)	EXISTING GROUND LEVEL (m)
Proposed Ground Level (m)	PROPOSED GROUND LEVEL (m)
Top of Wall (m)	TOP OF WALL (m)
Reference Point	REFERENCE POINT

OSD High Early Discharge Pit 10 , SECTION, NTS

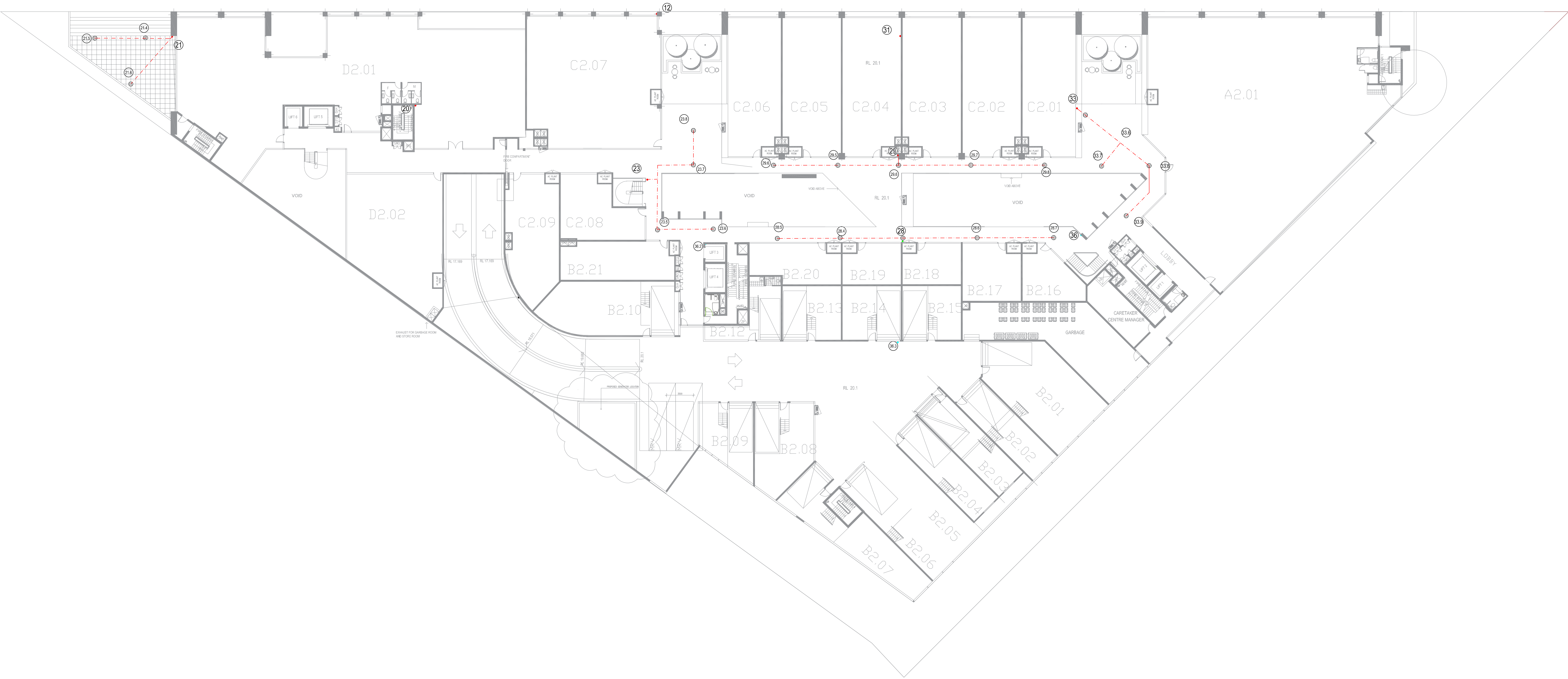
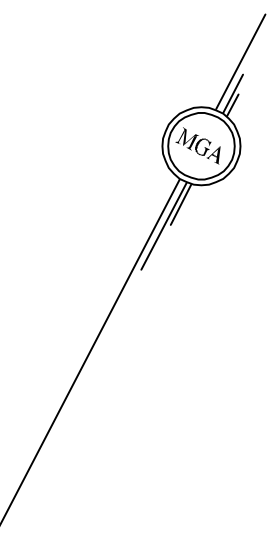
OSD/High Early Discharge Pit 10 , SECTION, SCALE 1:40 ON A0

Amendments			STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE GROUND FLOOR		DRAWN BY: P.K. DRAWING No.C-3732-04 SCALE: 1:200 on A0, 1:400 on A2	
Issue	Date	Comments				
1	10/05/2024	For comments				
2	26/05/2024	For comments				
3	26/05/2024	For comments				
4	26/05/2024	For comments				
5	26/05/2024	For comments				
6	26/05/2024	For comments				
7	26/05/2024	For comments				
8	26/05/2024	For comments				
9	26/05/2024	For comments				



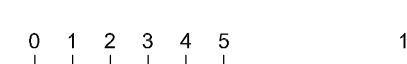
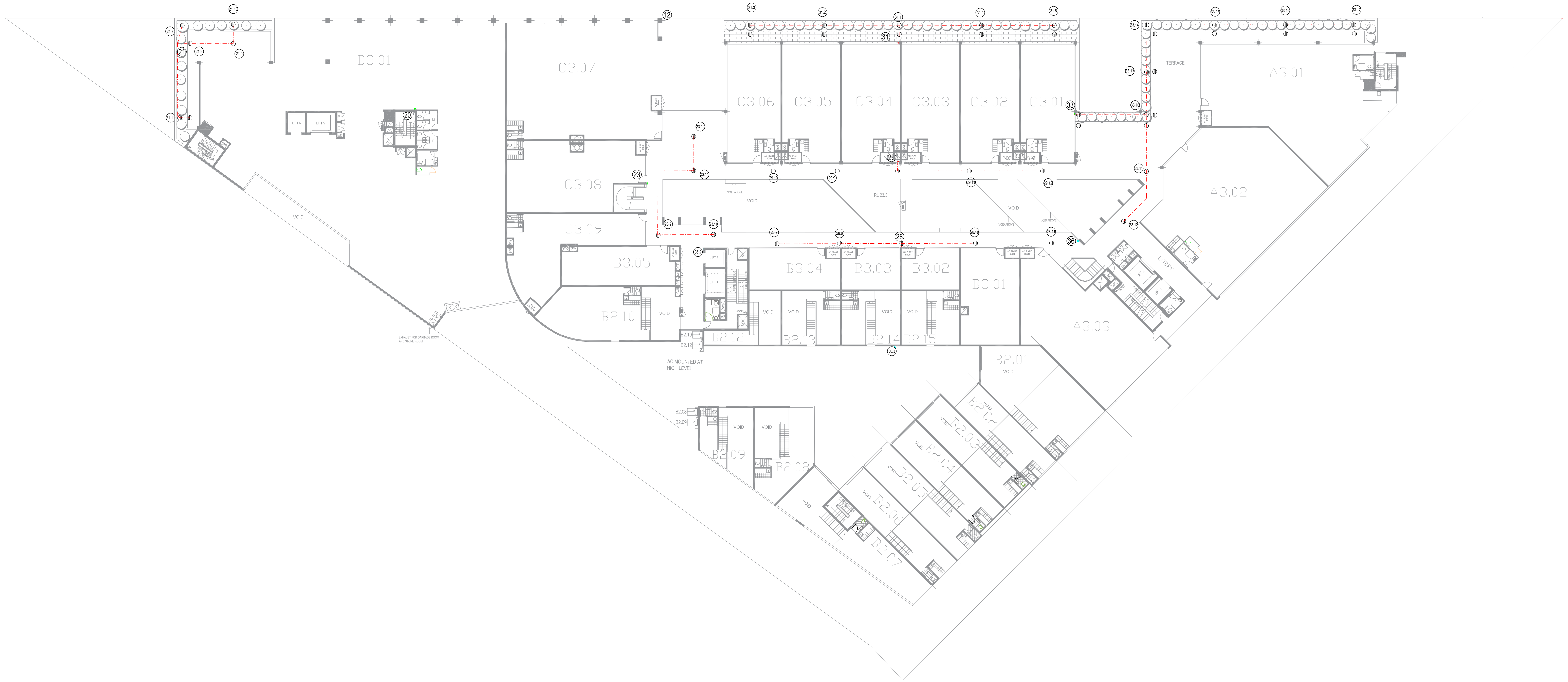
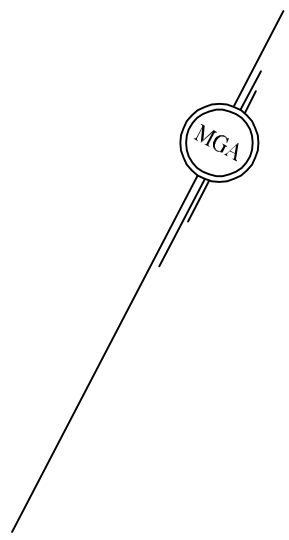
0 1 2 3 4 5 10

STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE LEVEL 1	DRAWN BY: P.K. DRAWING No.C-3732-05 SCALE: 1:200 on A0, 1:400 on A2
DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3	Kozarovski & Partners 1405 SA KINGSWAY, CROMALLA NSW 2230 (02) 9544 8720 Mobile: 0412 987 787 pavelk@kpa.net.com.au



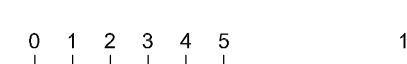
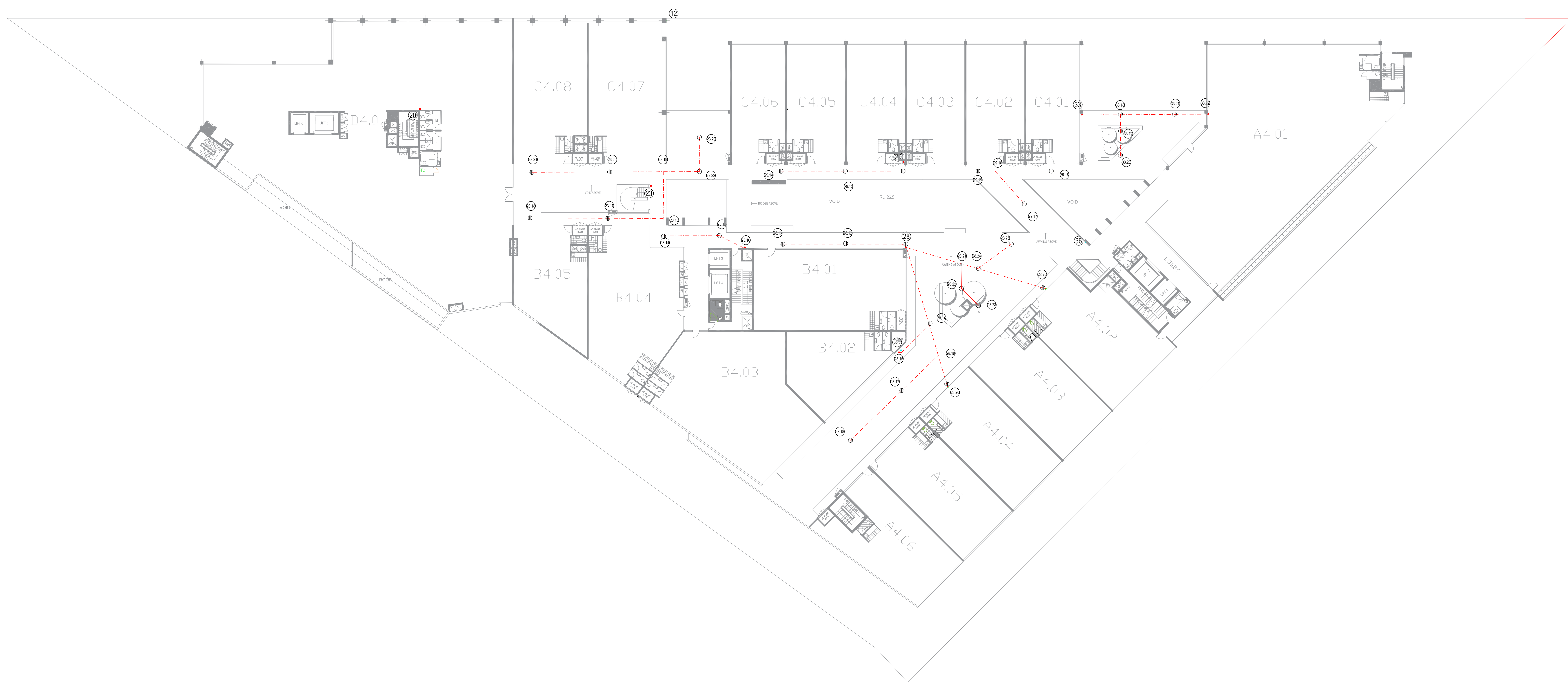
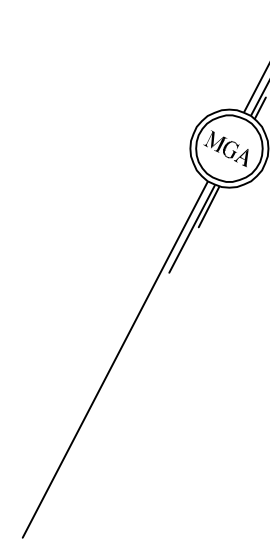
Amendments			STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELLI AVENUE, LIDCOMBE LEVEL 2 DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3	DRAWN BY: P.K. DRAWING No.C-3732-06 SCALE: 1:200 on A0, 1:400 on A2 Kozarowski & Partners 1405 SA KINGSWAY, CROMWELL NSW 2230 (02) 9544 8720 Mobile: 0412 987 787 pavelk@pksa.net.au
1	13/05/21	For development		
2	28/05/21	For comments		
3	28/05/21	For comments		
4	28/05/21	For comments		
5	28/05/21	For comments		
6	28/05/21	For comments		
7	28/05/21	For comments		
8	28/05/21	For comments		
9	28/05/21	For comments		



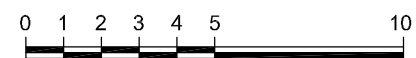
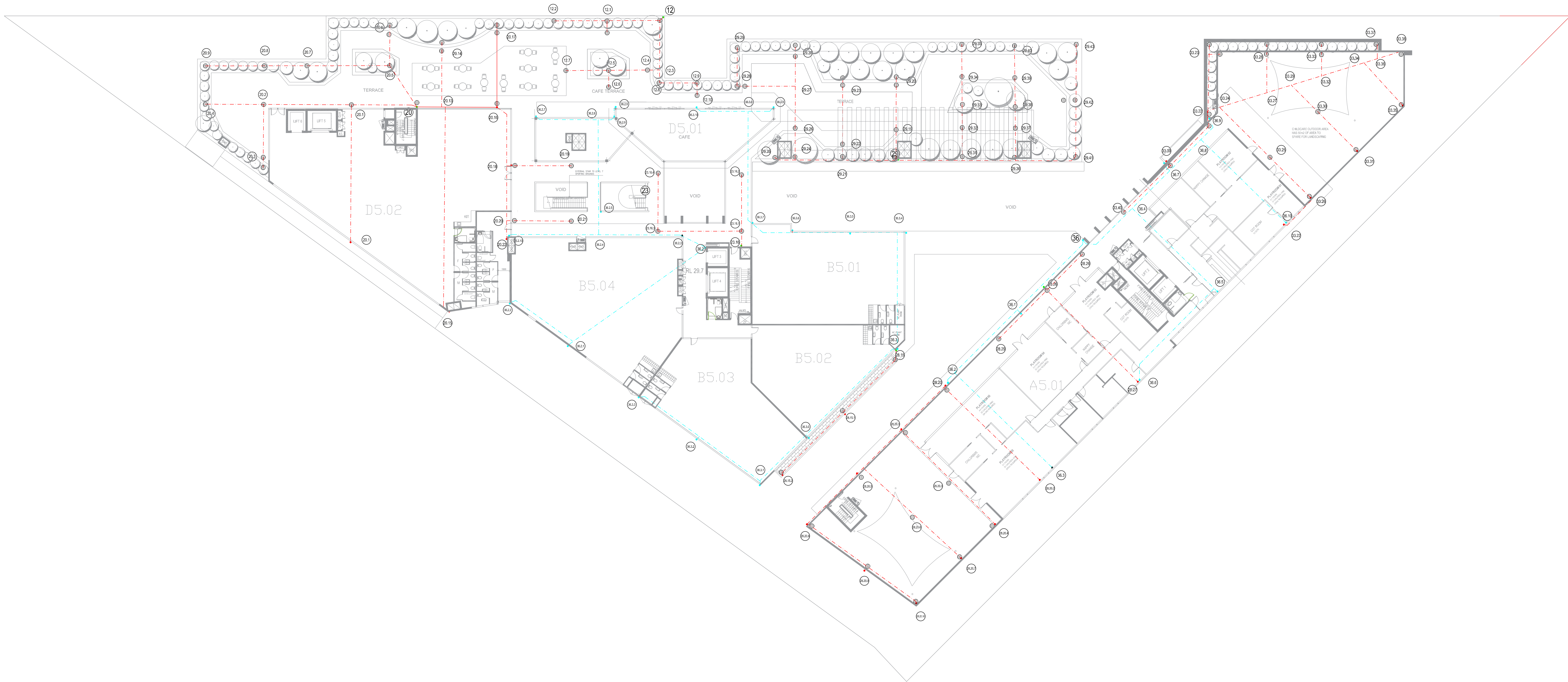
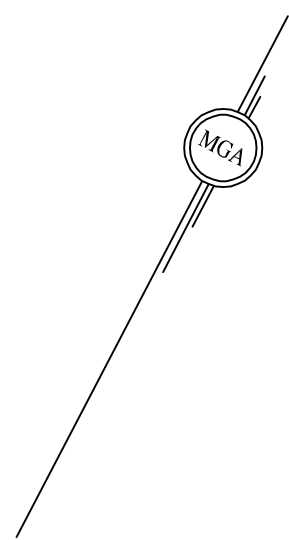


Amendments		
Issue	Date	Comments
1	13/05/21	For discussion
2	28/05/21	For comment
3	28/05/21	For comment
4	28/05/21	For comment
5	28/05/21	For comment
6	28/05/21	For comment
7	28/05/21	For comment
8	28/05/21	For comment
9	28/05/21	For comment
10	28/05/21	For comment

STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE LEVEL 3 DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3	DRAWN BY: P.K. DRAWING No.C-3732-07 SCALE: 1:200 on A0, 1:400 on A2 Kozarowski & Partners 1405 SA KINGSWAY, CROMULLA NSW 2200 02 9544 8720 Mobile: 0412 987 707 pavelk@kozarski.com.au
---	--

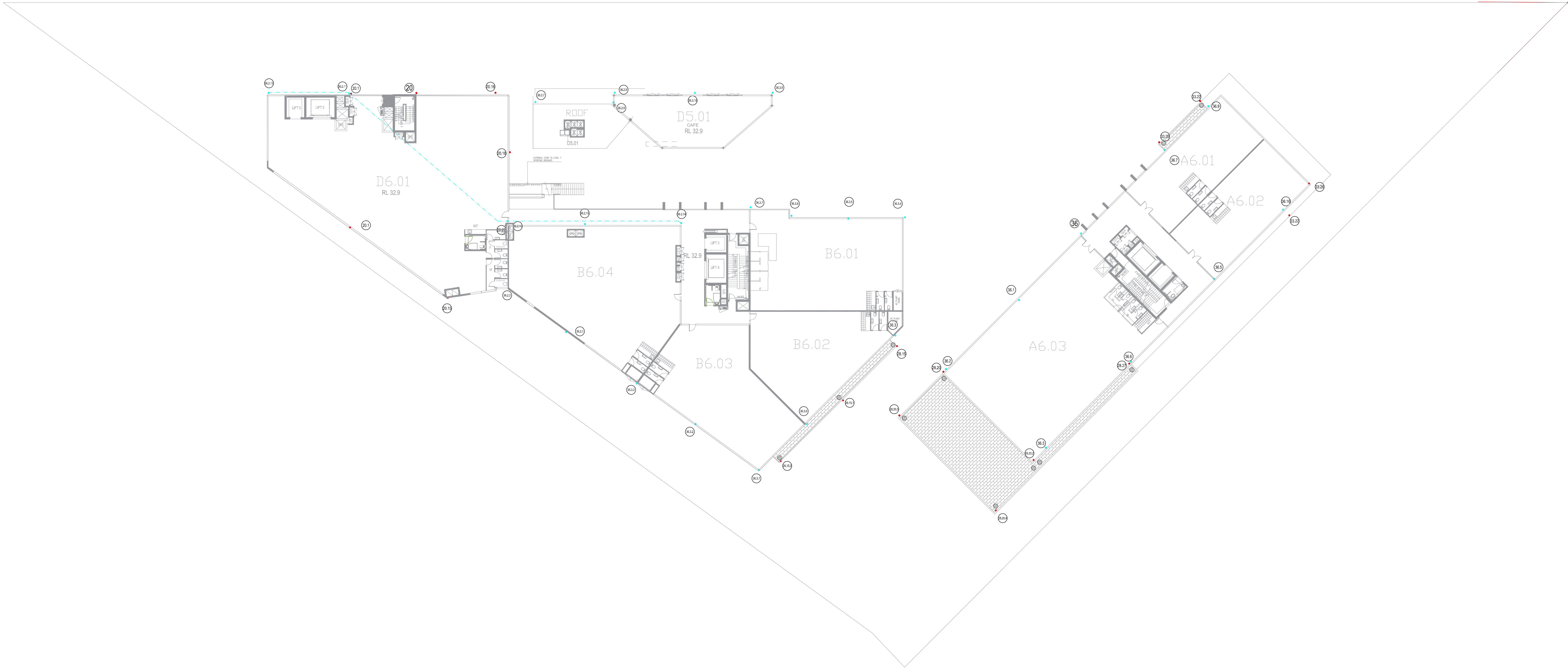
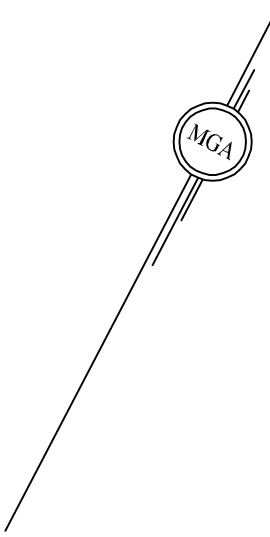


Amendments			STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE LEVEL 4 DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3	DRAWN BY: P.K. DRAWING No.C-3732-08 SCALE: 1:200 on A0, 1:400 on A2 Kozarovski & Partners 1405 SA KINGSWAY, CROMULLA NSW 2203 02 9544 8720 Mobile: 0412 987 787 pavelk@pksaret.com.au
1	20/05/21	For development		
2	28/06/21	For comments		
3	28/06/21	For comments		
4	28/06/21	For comments		
5	21/11/21	As per		
6	23/11/21	For comments 4		
7	30/01/22	For comments 6		
8	17/04/23	For DA		
9	30/05/24	Council's comments addressed		

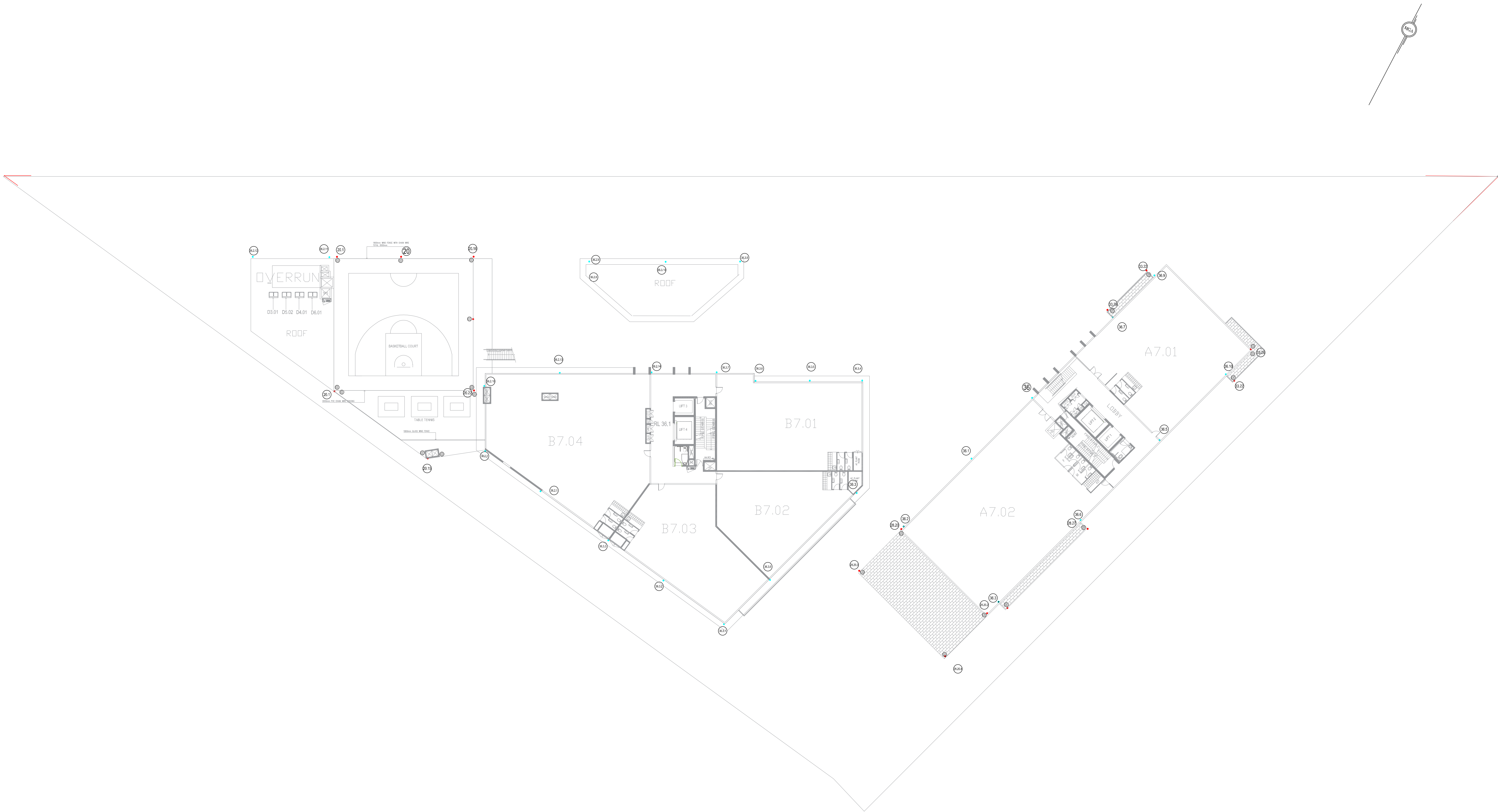


Amendments		
Issue	Date	Comments
1	13/05/21	For discussion
2	28/05/21	For comment
3	28/05/21	For comment
4	28/05/21	For comment
5	21/10/21	Final
6	23/11/21	For comments 6
7	20/01/22	For comments 7
8	17/04/22	For CA
9	20/05/22	Client's comments addressed

STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE LEVEL 5 DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3	DRAWN BY: P.K. DRAWING No.C-3732-09 SCALE: 1:200 on A0, 1:400 on A2	
	Kozarovski & Partners 14/55 SA KINGSDOWN, CROMWELL NSW 2203 (02) 9544 8720 Mobile: 0412 987 787 pavelk@kozarenski.com.au	

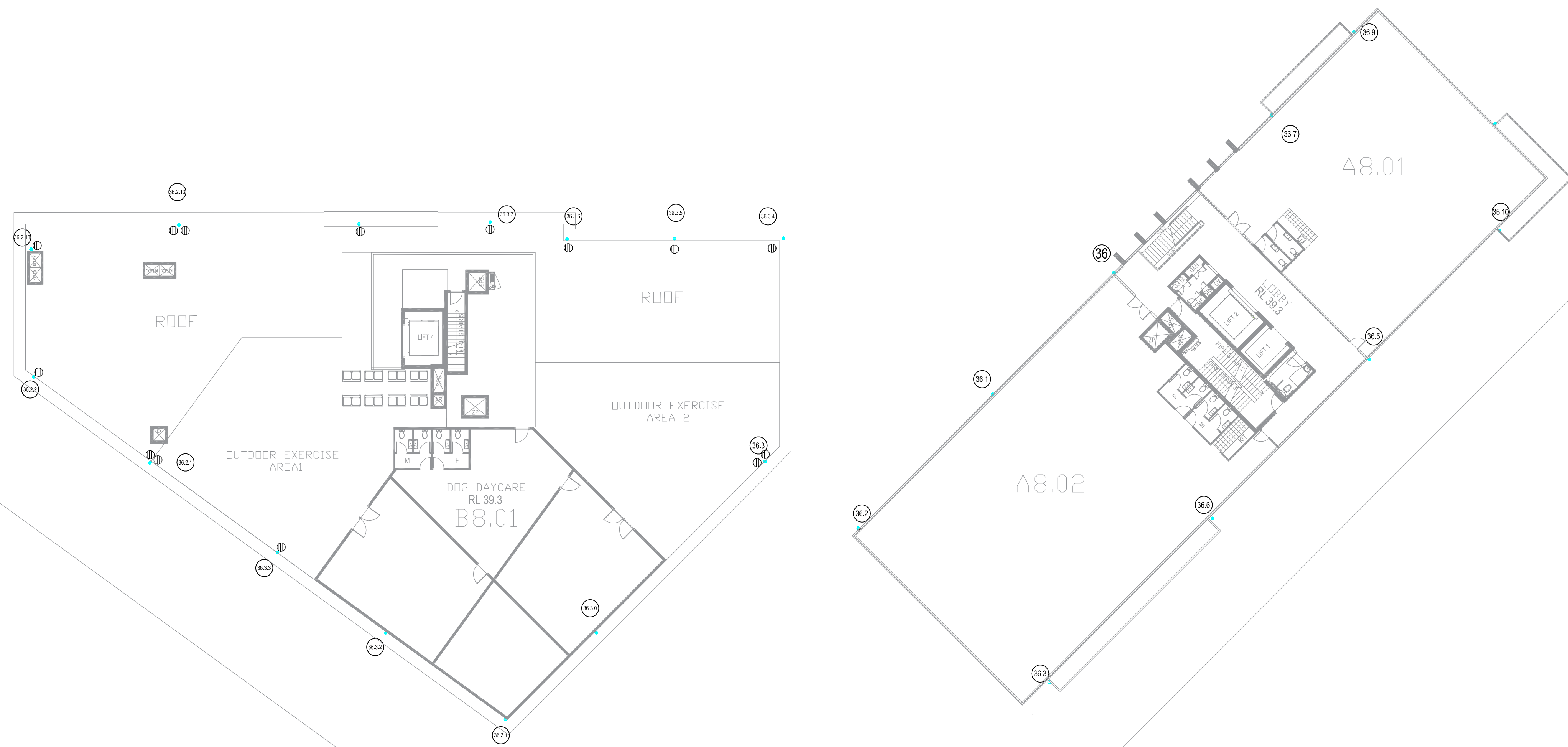
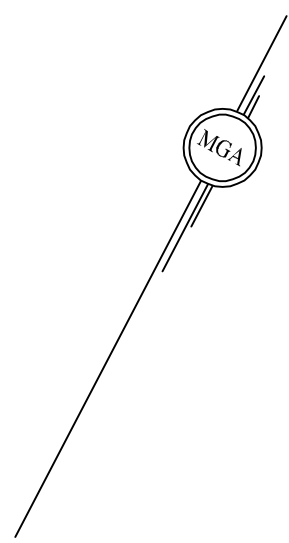


Amendments			STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE LEVEL 6		DRAWN BY: P.K. DRAWING No.C-3732-10	
1	13/05/22	For discussion				
2	28/05/22	For comment				
3	28/05/22	For comment				
4	28/05/22	For comment				
5	28/05/22	For comment				
6	28/05/22	For comment				
7	28/05/22	For comment				
8	28/05/22	For comment				
9	28/05/22	For comment				
10	28/05/22	For comment				
11	28/05/22	For comment				
12	28/05/22	For comment				
13	28/05/22	For comment				
14	28/05/22	For comment				
15	28/05/22	For comment				
16	28/05/22	For comment				
17	28/05/22	For comment				
18	28/05/22	For comment				
19	28/05/22	For comment				
20	28/05/22	For comment				
21	28/05/22	For comment				
22	28/05/22	For comment				
23	28/05/22	For comment				
24	28/05/22	For comment				
25	28/05/22	For comment				
26	28/05/22	For comment				
27	28/05/22	For comment				
28	28/05/22	For comment				
29	28/05/22	For comment				
30	28/05/22	For comment				
31	28/05/22	For comment				
32	28/05/22	For comment				
33	28/05/22	For comment				
34	28/05/22	For comment				
35	28/05/22	For comment				
36	28/05/22	For comment				
37	28/05/22	For comment				
38	28/05/22	For comment				
39	28/05/22	For comment				
40	28/05/22	For comment				
41	28/05/22	For comment				
42	28/05/22	For comment				
43	28/05/22	For comment				
44	28/05/22	For comment				
45	28/05/22	For comment				
46	28/05/22	For comment				
47	28/05/22	For comment				
48	28/05/22	For comment				
49	28/05/22	For comment				
50	28/05/22	For comment				
51	28/05/22	For comment				
52	28/05/22	For comment				
53	28/05/22	For comment				
54	28/05/22	For comment				
55	28/05/22	For comment				
56	28/05/22	For comment				
57	28/05/22	For comment				
58	28/05/22	For comment				
59	28/05/22	For comment				
60	28/05/22	For comment				
61	28/05/22	For comment				
62	28/05/22	For comment				
63	28/05/22	For comment				
64	28/05/22	For comment				
65	28/05/22	For comment				
66	28/05/22	For comment				
67	28/05/22	For comment				
68	28/05/22	For comment				
69	28/05/22	For comment				
70	28/05/22	For comment				
71	28/05/22	For comment				
72	28/05/22	For comment				
73	28/05/22	For comment				
74	28/05/22	For comment				
75	28/05/22	For comment				
76	28/05/22	For comment				
77	28/05/22	For comment				
78	28/05/22	For comment				
79	28/05/22	For comment				
80	28/05/22	For comment				
81	28/05/22	For comment				
82	28/05/22	For comment				
83	28/05/22	For comment				
84	28/05/22	For comment				
85	28/05/22	For comment				
86	28/05/22	For comment				
87	28/05/22	For comment				
88	28/05/22	For comment				
89	28/05/22	For comment				
90	28/05/22	For comment				
91	28/05/22	For comment				
92	28/05/22	For comment				
93	28/05/22	For comment				
94	28/05/22	For comment				
95	28/05/22	For comment				
96	28/05/22	For comment				
97	28/05/22	For comment				
98	28/05/22	For comment				
99	28/05/22	For comment				
100	28/05/22	For comment				



Amendments			STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE LEVEL 7 DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3	DRAWN BY: P.K. DRAWING No.C-3732-11 SCALE: 1:200 on A0, 1:400 on A2 Kozarowski & Partners 1405 SA KINGSDOWN, CROMULLA NSW 2203 021 6544 8720 Mobile: 0412 987 707 pavelk@kozarski.com.au
1	13/05/21	For discussion		
2	28/05/21	For comments		
3	28/05/21	For comments		
4	28/05/21	For comments		
5	28/05/21	For comments		
6	28/05/21	For comments		
7	28/05/21	For comments		
8	28/05/21	For comments		
9	28/05/21	For comments		





Amendments

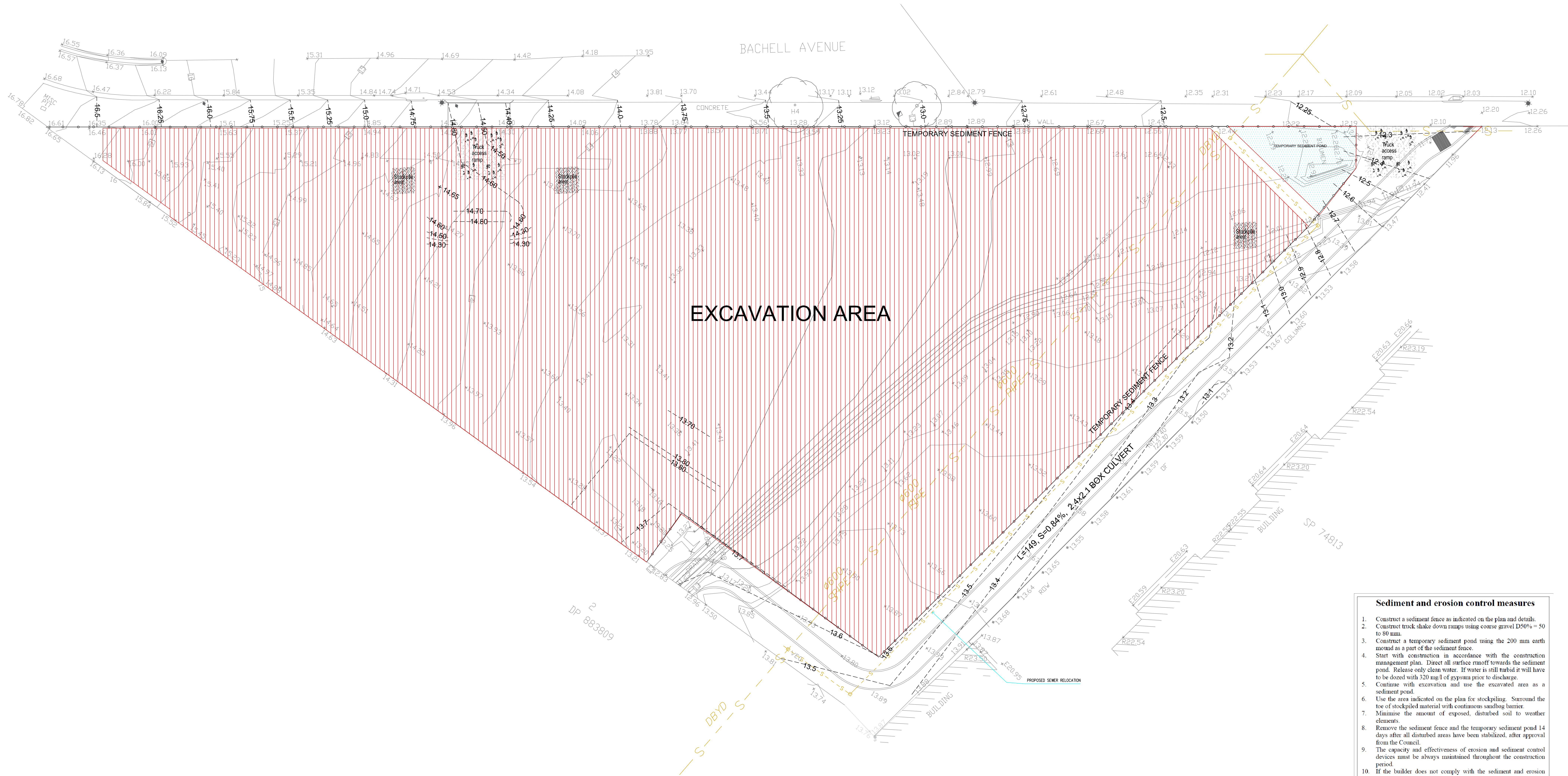
Issue	Date	Comments
1	13/05/21	For development
2	28/05/21	For comments
3	28/05/21	For comments
4	28/05/21	For comments
5	28/05/21	For comments
6	28/05/21	For comments
7	28/05/21	For comments
8	28/05/21	For comments
9	28/05/21	For comments

STORMWATER DRAINAGE PLAN FOR
PROPOSED DEVELOPMENT AT
No. 2 BACHELL AVENUE, LIDCOMBE
LEVEL 8
DESIGNED BY: PAVEL KOZAROVSKI,
MIEAUS, CPENG, NPFR-3

DRAWN BY: P.K.
DRAWING No.C-3732-12
SCALE: 1:200 on A0, 1:400 on A2
Kozarovski & Partners
1405 SA KINGSDOWN, CROMULLA NSW 2203
021 6544 8720
Mobile: 0412 987 787 pavelk@kozareti.com.au



Amendments			STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE ROOF DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPEng, NPFR-3	DRAWN BY: P.K. DRAWING No.C-3732-13 SCALE: 1:200 on A0, 1:400 on A2 Kozarovski & Partners 1405 SA KINGSDOWN, CROMULLA NSW 2203 021 5544 8720 Mobile: 0412 987 787 pavelk@kozarens.com.au
1	12/05/22	For discussion		
2	28/06/22	For comment		
3	28/06/22	For comment		
4	28/06/22	For comment		
5	28/06/22	For comment		
6	28/06/22	For comment		
7	28/06/22	For comment		
8	28/06/22	For comment		
9	28/06/22	For comment		



Sediment and erosion control measures

- Construct a sediment fence as indicated on the plan and details.
- Construct truck shake down ramps using coarse gravel D50% = 50 to 80 mm.
- Construct a temporary sediment pond using the 200 mm earth mound as a part of the sediment fence.
- Start with construction in accordance with the construction management plan. Direct all surface runoff towards the sediment pond. Release only clean water. If water is still turbid it will have to be dozed with 320 mg/l of gypsum prior to discharge.
- Continue with excavation and use the excavated area as a sediment pond.
- Use the area indicated on the plan for stockpiling. Surround the use of stockpiled material with continuous sandbag barrier.
- Minimise the amount of exposed, disturbed soil to weather elements.
- Remove the sediment fence and the temporary sediment pond 14 days after all disturbed areas have been stabilized, after approval from the Council.
- The capacity and effectiveness of erosion and sediment control devices must be always maintained throughout the construction period.
- If the builder does not comply with the sediment and erosion control plan he/she may be fined.
- The following warning is to be displayed on site:
No paint or cement solvent or any other solid or liquid pollutant is to be disposed into the stormwater drainage system.

LEGEND

SDP	SURFACE WATER DOWNPIPE 100 Ø
SDP	ROOF WATER DOWNPIPE 100Ø
21	EXISTING CONTOUR (m)
22	PROPOSED CONTOUR (m)
FV Ø	SUB. SOIL DRAINAGE FLUSH POINT FLOOR WASTE 250x250 mm
FV Ø	STORMWATER DRAINAGE PIPE DIAMETER = 100 mm, 9 m LONG
23.00	FINISHED GROUND LEVEL=23.0(m)
22.50	PIPE INVERT LEVEL=22.5 (m)
23.17	EXISTING GROUND LEVEL (m)
23.24	PROPOSED GROUND LEVEL (m)
23.20	TOP OF WALL (m)
Ø	REFERENCE POINT

Amendments

Issue	Date	Comments
1	20/05/21	For discussion
2	20/05/21	For comment
3	20/05/21	For comment
4	20/05/21	For comment
5	20/05/21	For comment
6	23/11/21	For comment
7	20/05/21	For comment
8	21/06/21	For CA
9	20/05/21	For comment

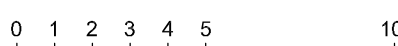
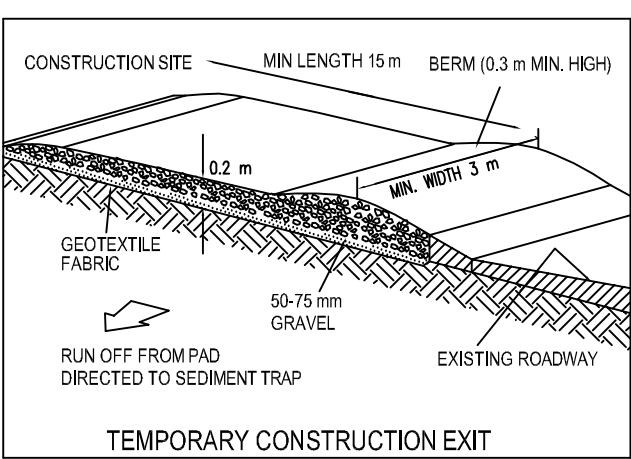
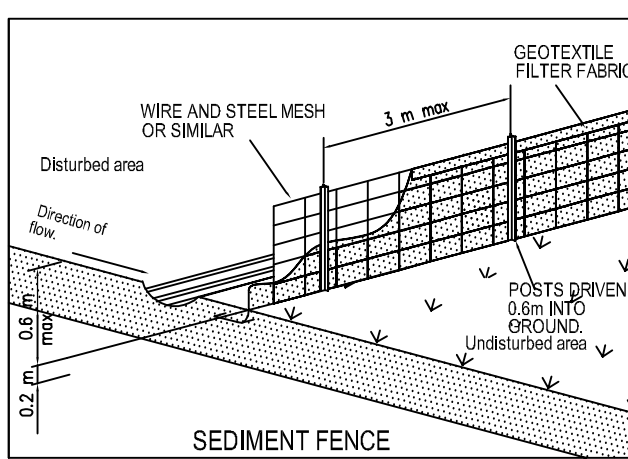
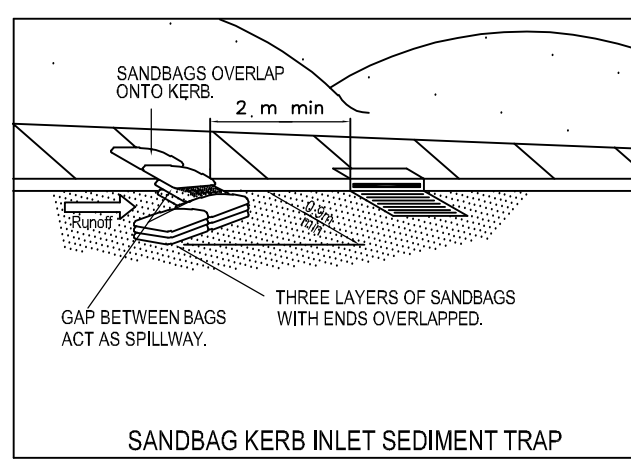
SEDIMENT & EROSION CONTROL PLAN FOR
PROPOSED DEVELOPMENT AT
No. 2 BACHELL AVENUE, LIDCOMBE

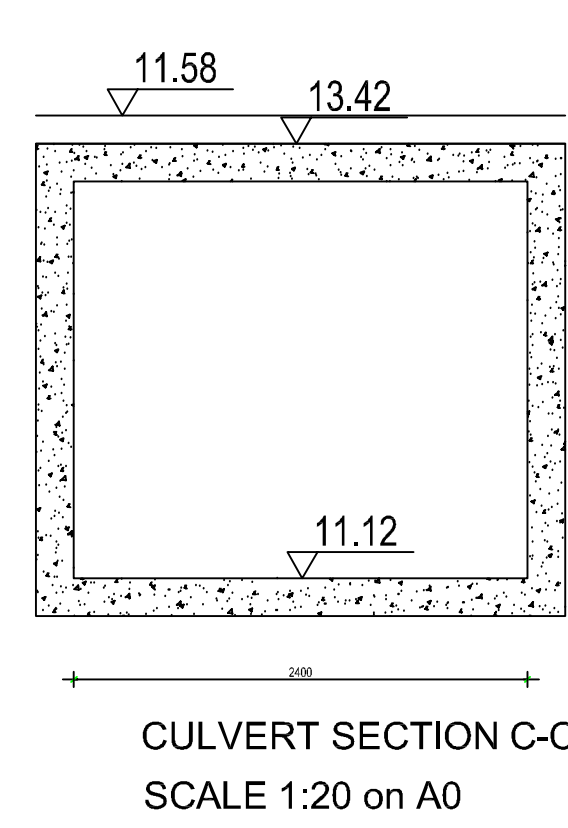
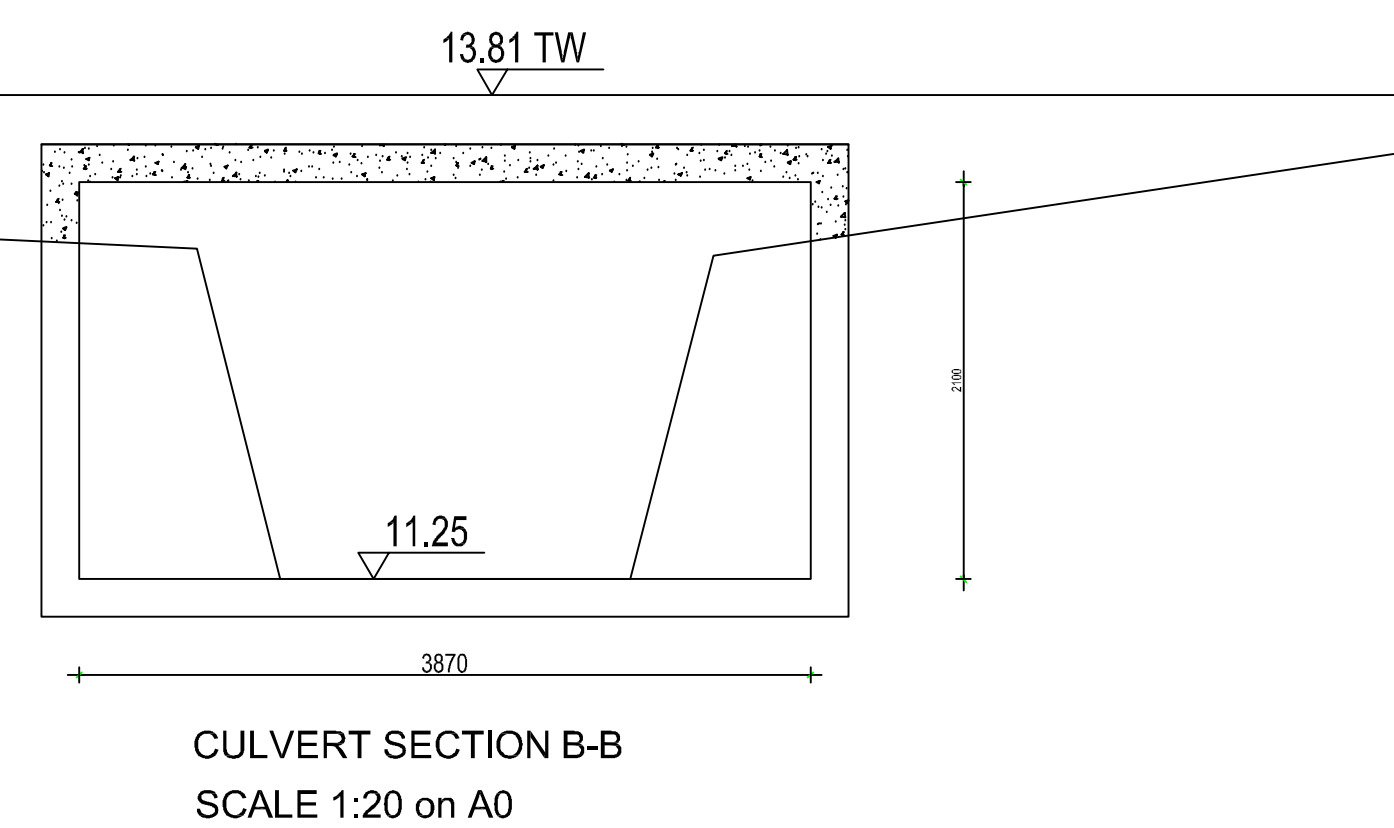
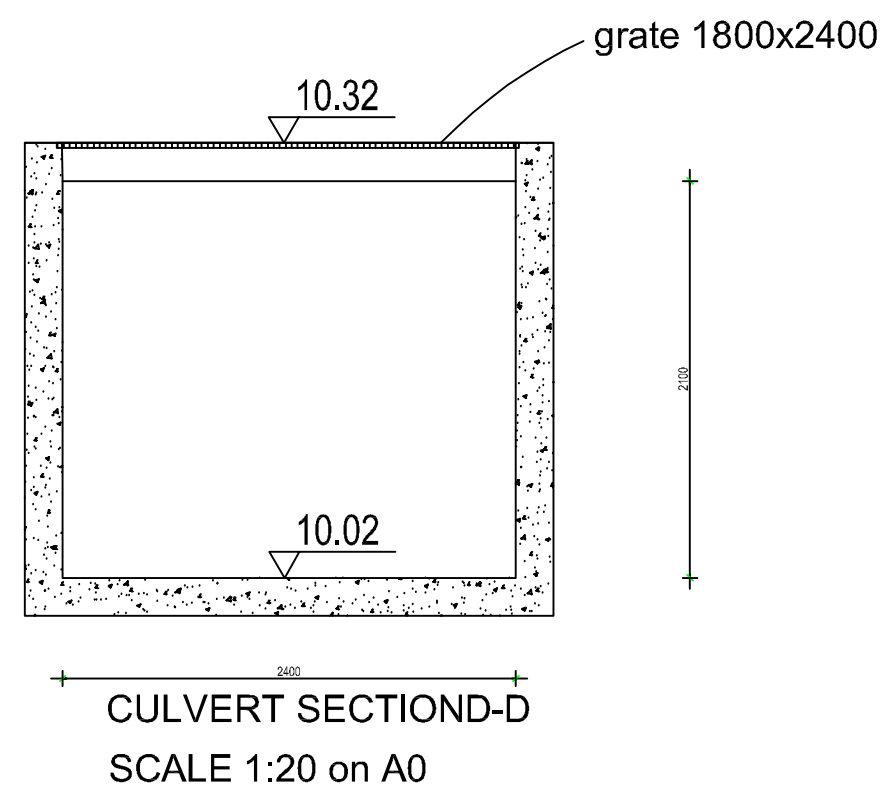
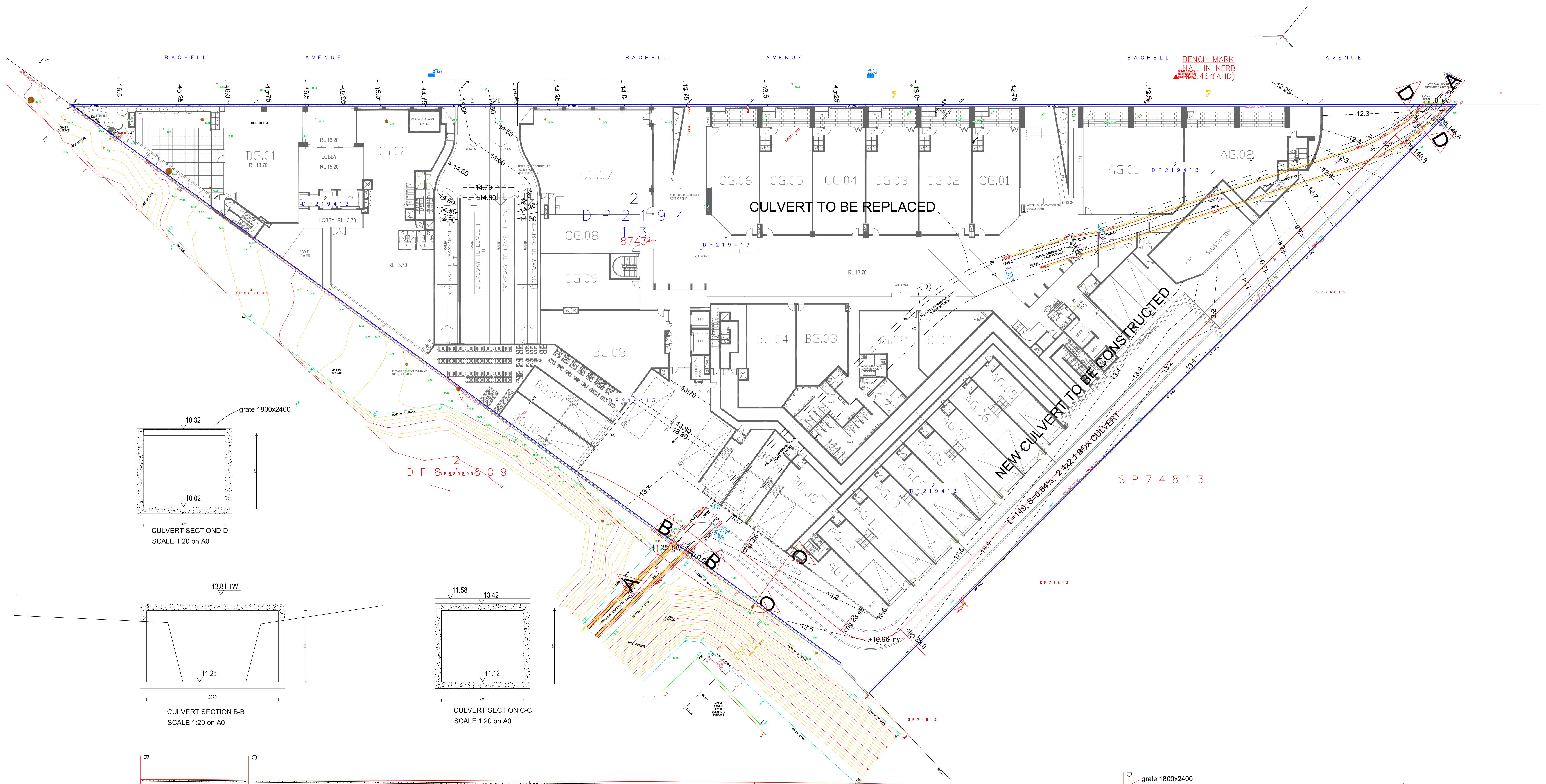
DESIGNED BY: PAVEL KOZAROVSKI,
MIEAUS, CPENG, NPFR-3

DRAWN BY: P.K.
DRAWING No.C-3732-15

SCALE: 1:200 on A0, 1:400 on A2

Kozarovski & Partners
1465 SA KINGSWAY, CROMWELL NSW 2230
(02) 954 8720
Mobile: 9412 987 707 pavel@kozarens.com.au





CHAINAGE (m)									
0.00	9.60	28.48	38.00	57.17	90.30	102.29	125.61	140.8	146.4
DRIVEWAY LEVEL (m)									
13.30	13.60	13.51	13.49	13.40	13.20	13.10	12.70	12.37	12.25
INVERT LEVEL (m)									
11.25	11.17	11.01	10.93	10.76	10.48	10.38	10.18	10.05	9.95
TOP OF CULVERT (m)									
13.55	13.47	13.31	13.23	13.06	12.78	12.68	12.48	12.35	12.25
DISTANCE (m), SLOPE									
L=9.6m S=0.85%	L=18.88m S=0.85%	L=9.52m S=0.85%	L=19.17m S=0.85%	L=33.13m S=0.85%	L=11.99m S=0.85%	L=23.32m S=0.85%	L=15.19m S=0.85%	L=6m S=0.85%	

CULVERT LONG SECTION A-A
SCALE 1:100 on A0



Amendments		
Issue	Date	Comments
1	20/05/22	For development
2	28/05/22	For comments
3	28/05/22	For comments
4	28/05/22	For comments
5	28/05/22	For comments
6	28/05/22	For comments
7	28/05/22	For comments
8	28/05/22	For comments
9	28/05/22	For comments

STORMWATER DRAINAGE PLAN FOR PROPOSED DEVELOPMENT AT No. 2 BACHELL AVENUE, LIDCOMBE CULVERT RE-LOCATION		DRAWN BY: P.K. DRAWING No. C-3732-14 SCALE: 1:200 on A0, 1:400 on A2
DESIGNED BY: PAVEL KOZAROVSKI, MIEAUS, CPENG, NPFR-3		1465 SA KINGSWAY, CROMALLA NSW 2230 (02) 954 8720 Mobile: 9412 987 707 pavelk@pko.com.au

LEGEND	
SDP	SURFACE WATER DOWNPIPE 100 Ø
SDP	ROOF WATER DOWNPIPE 100 Ø
---	EXISTING CONTOUR (m)
---	PROPOSED CONTOUR (m)
---	SUB. SOIL DRAINAGE FLUSH POINT
---	FLOOR WASTE 250x250 mm
---	STORMWATER DRAINAGE PIPE
---	DIAMETER = 100 mm, 9 m LONG
---	SUBSOIL DRAINAGE PIPE
---	(default Ø100mm, min. slope 1%)
---	FINISHED GROUND LEVEL=23.0(m)
---	PIPE INVERT LEVEL=22.5 (m)
---	EXISTING GROUND LEVEL (m)
---	PROPOSED GROUND LEVEL (m)
---	TOP OF WALL (m)
---	REFERENCE POINT