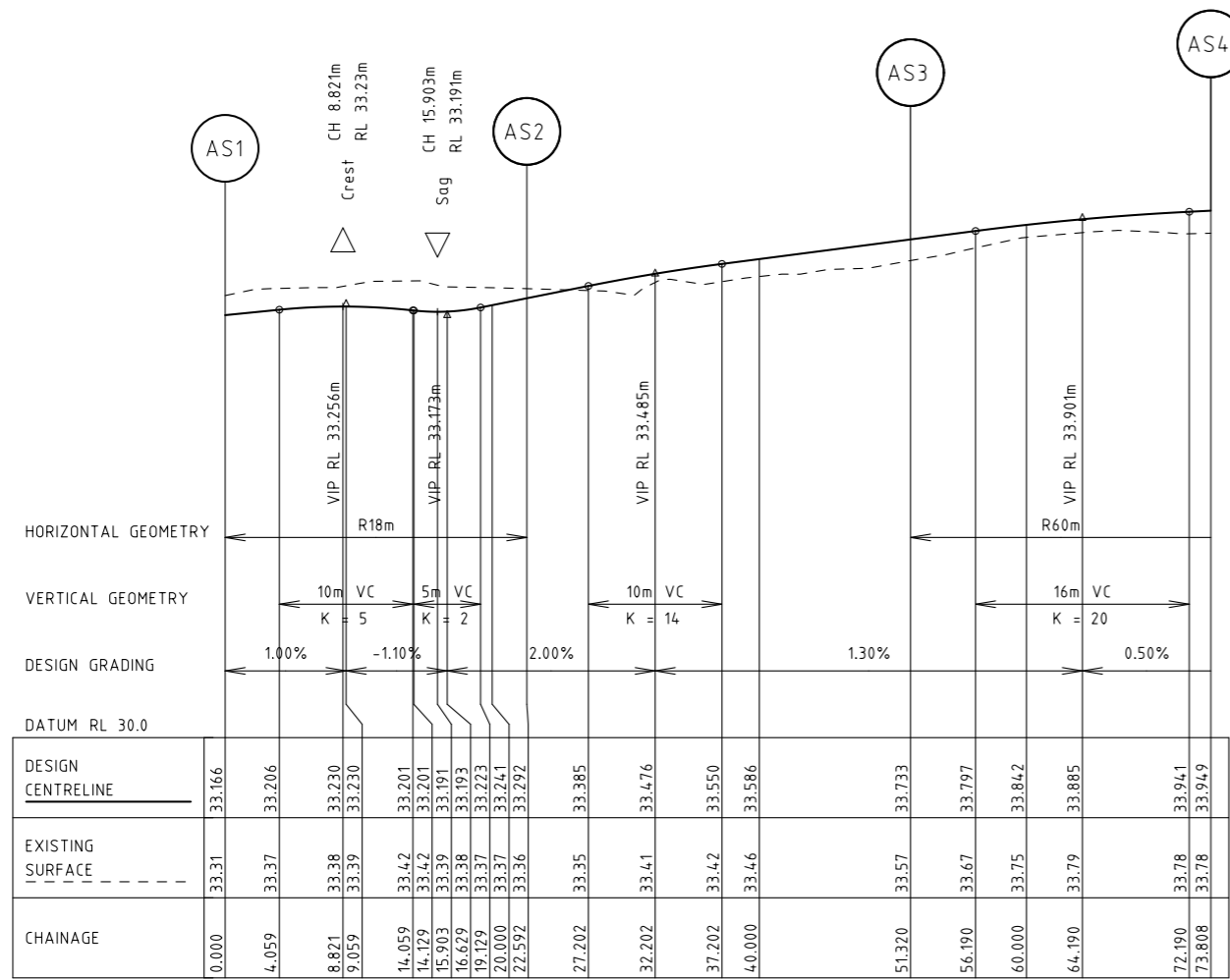


BY: \$USERS

DATE PLOTTED: 22/10/2021 4:06:30 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-5260.dgn



AS - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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0 5 10 20
1:1000 @ A3

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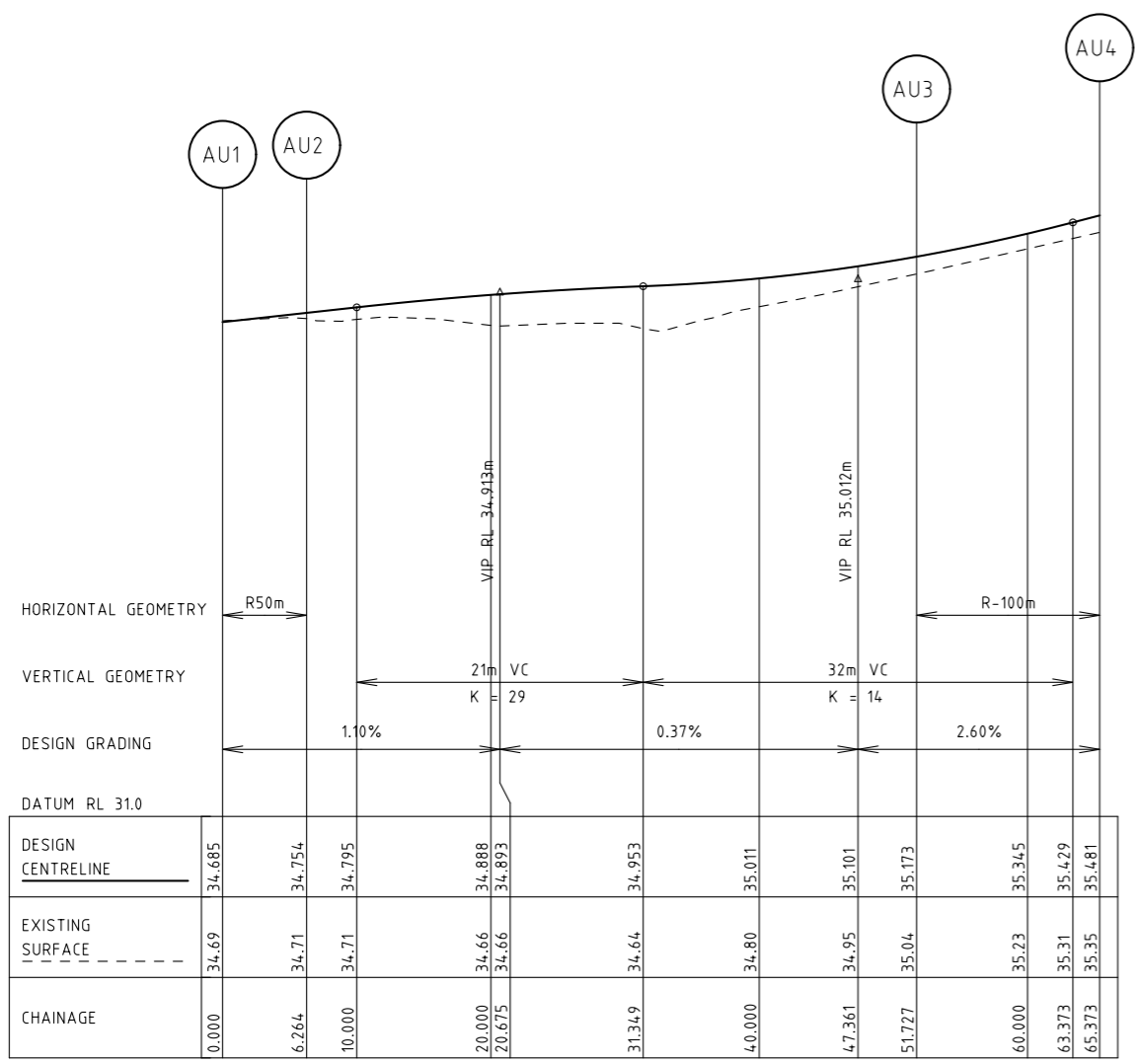
Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	LIP PROFILE SHEET 10
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES

Date	10.06.2020	Scale	1:1000	Size	A3
Drawing Number	V191441-CI-DG-5260	Revision	3		

BY: \$USERS\$

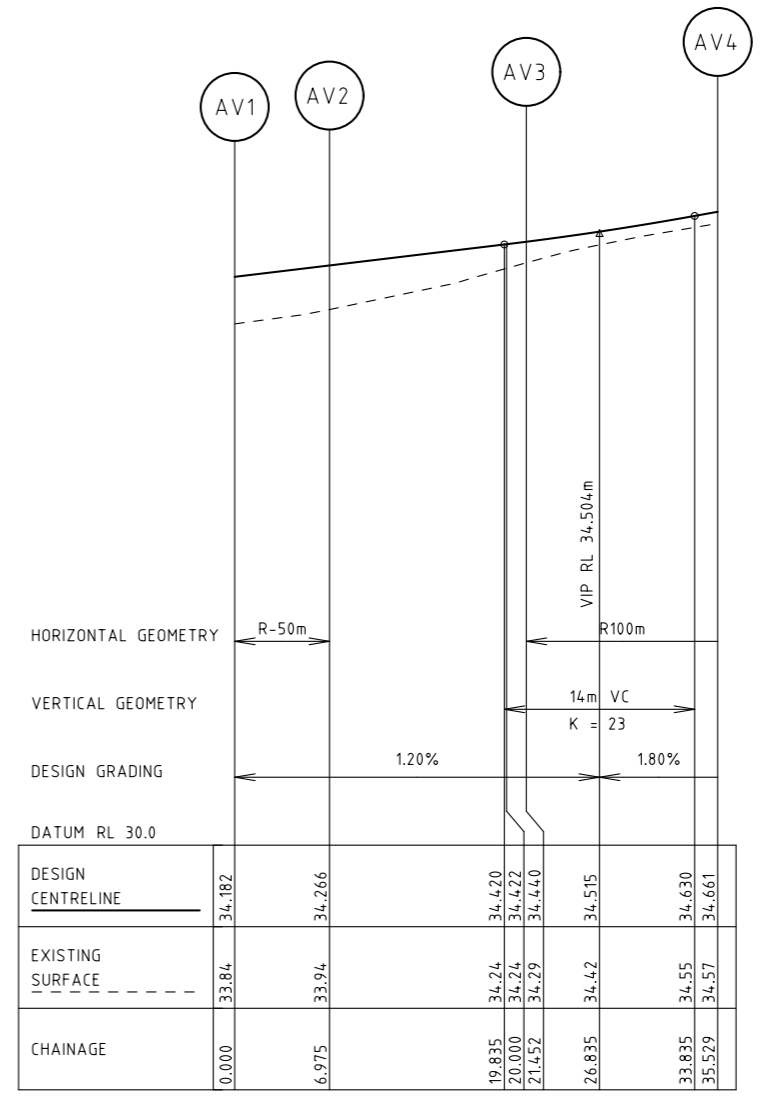
DATE PLOTTED: 22/10/2021 4:06:32 PM

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AU - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE

Scale H: 1:500
V: 1:50



AV - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE

Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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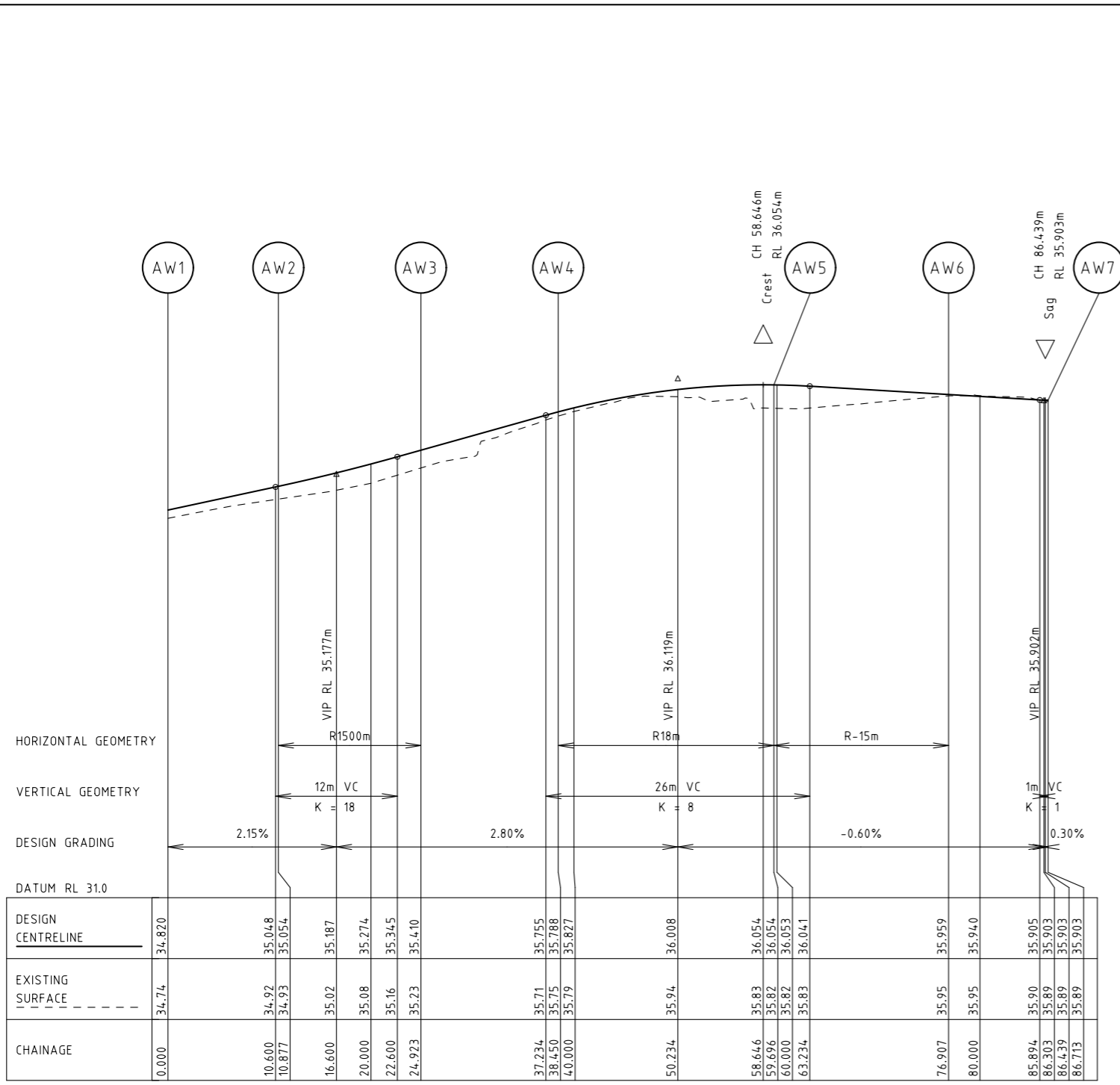


Drawn S.BECKHAM	Client CARDINIA SHIRE COUNCIL	Status FOR APPROVAL
Designed S.BECKHAM	Project CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Checked P.CHATTERLEY	Title LIP PROFILE SHEET 11	Date 10.06.2020
Authorised P.CHATTERLEY	Drawing Number V191441-CI-DG-5261	Scale 1:1000
		Size A3
		Revision 3

BY: \$USERS

DATE PLOTTED: 22/10/2021 4:06:35 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-5262.dgn



AW - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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1:1000 @ A3
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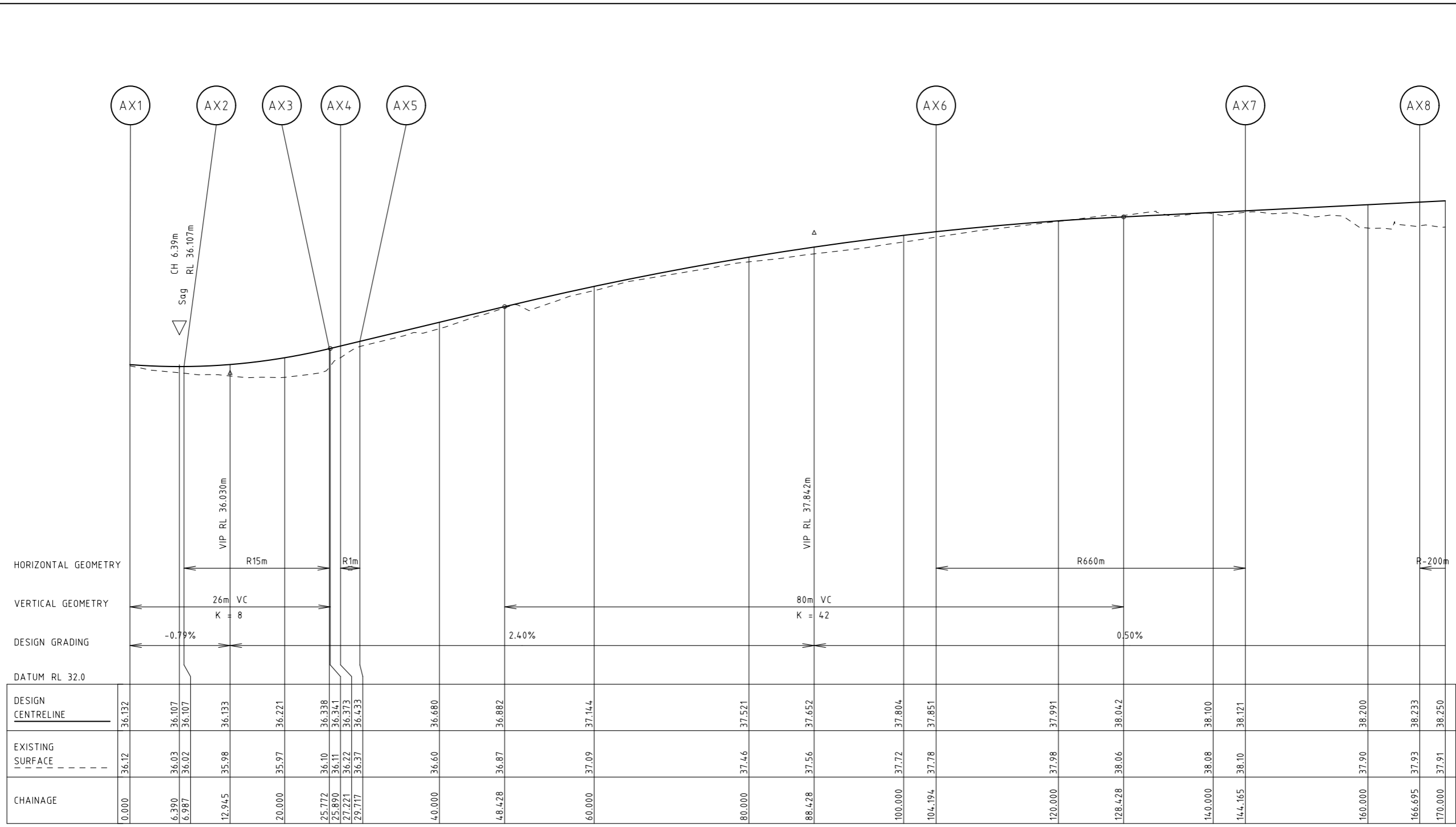


Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	LIP PROFILE SHEET 12
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-5262
		Revision	3

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AX - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE

Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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ABN: 47 106 610 913
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Drawn: S.BECKHAM
Designed: S.BECKHAM
Checked: P.CHATTERLEY
Authorised: P.CHATTERLEY

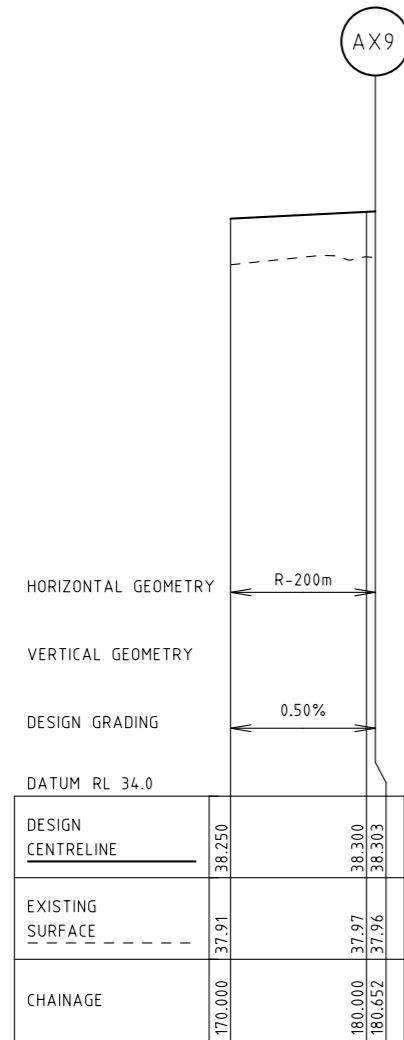
Client: CARDINIA SHIRE COUNCIL
Project: CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title: LIP PROFILE SHEET 13

Status: FOR APPROVAL			
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Date	Scale	Size	Revision
10.06.2020	1:1000	A3	
Drawing Number: V191441-CI-DG-5263			Revision: 3

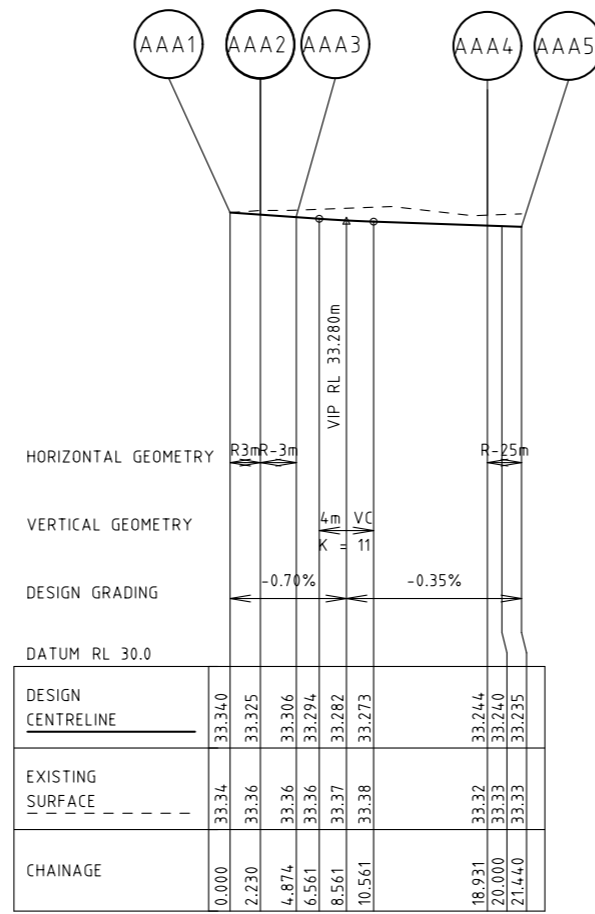
BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:06:41 PM

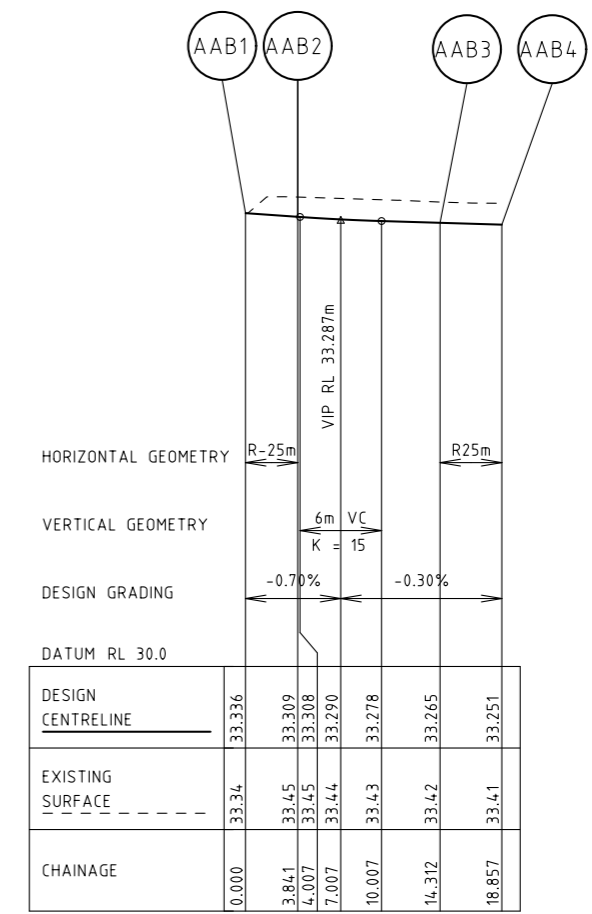
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AX - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50



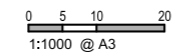
AAA - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50



AAB - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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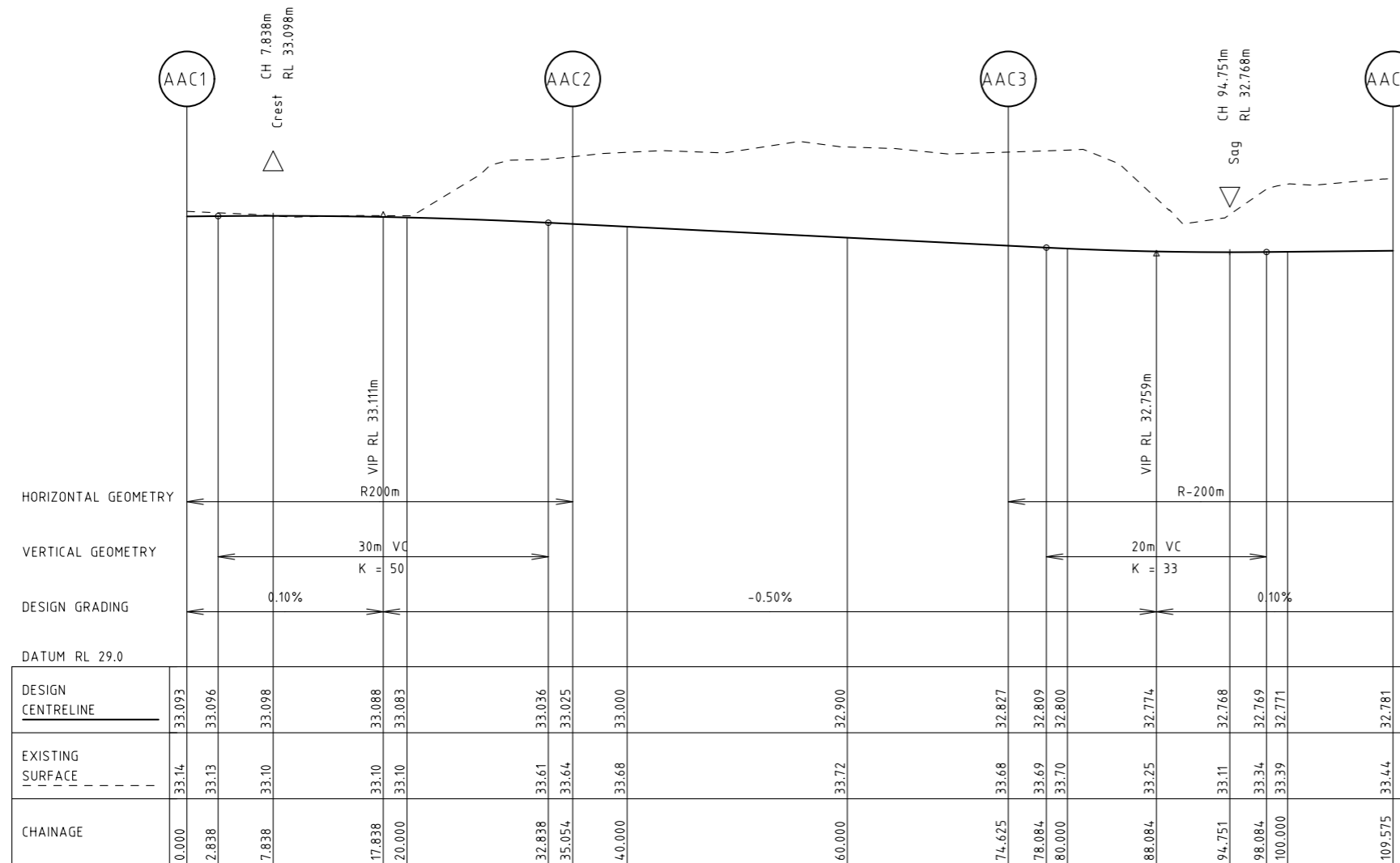


Drawn: S.BECKHAM	Client: CARDINIA SHIRE COUNCIL	Status: FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
Designed: S.BECKHAM	Project: CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION	
Checked: P.CHATTERLEY	Title: LIP PROFILE SHEET 14	Date: 10.06.2020
Authorised: P.CHATTERLEY		Scale: 1:1000
		Sheet: A3
		Drawing Number: V191441-CI-DG-5264
		Revision: 3

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:06:44 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-5265.dgn



AAC - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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Email: victoria@cardno.com.au Web: www.cardno.com.au/victoria

Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

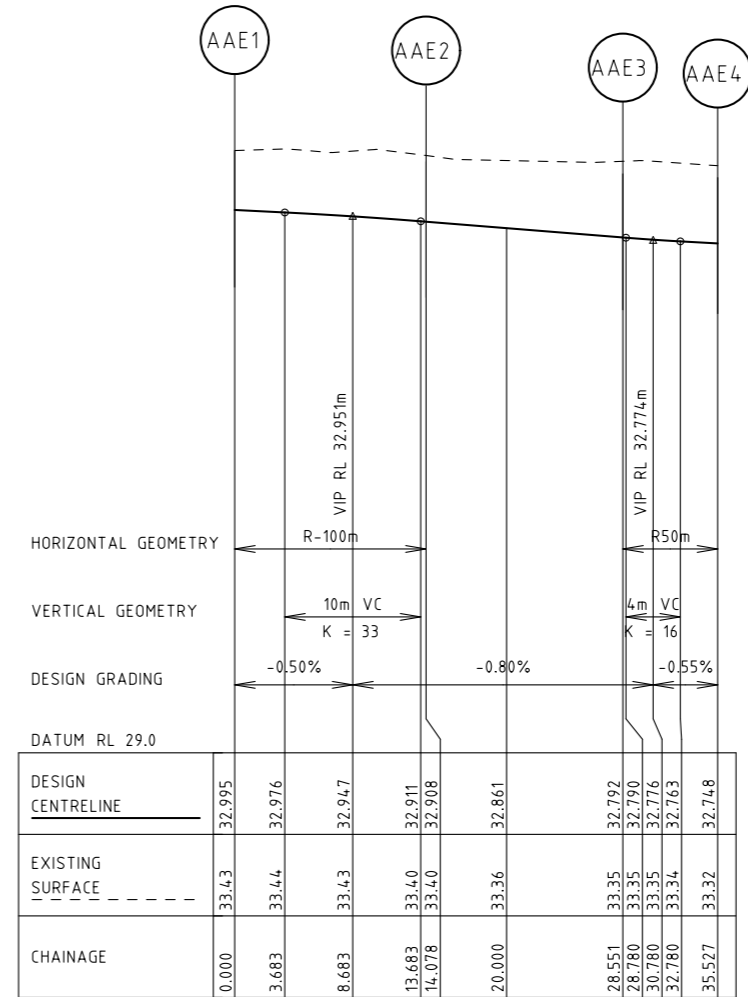
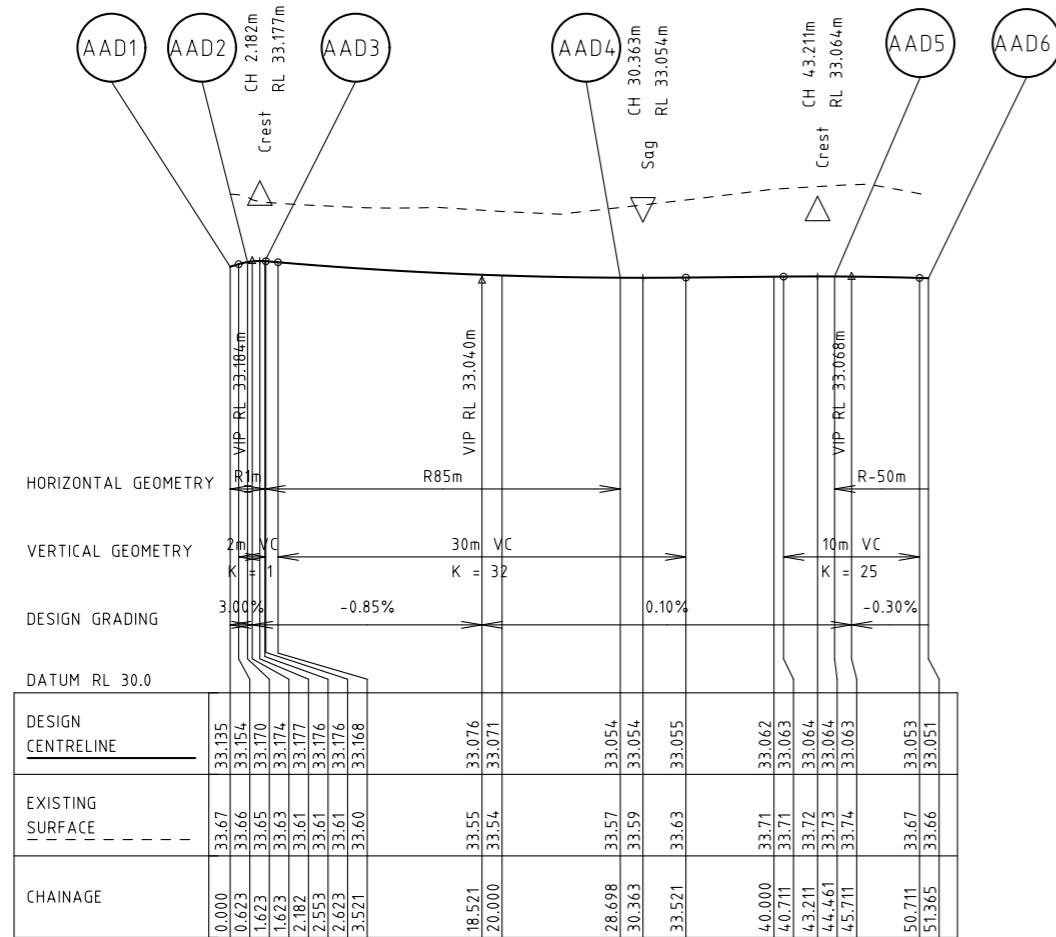
Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	LIP PROFILE SHEET 15

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	Scale	Size	
10.06.2020	1:1000	A3	
Drawing Number	Revision		
V191441-CI-DG-5265	3		

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:06:46 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-5266.dgn

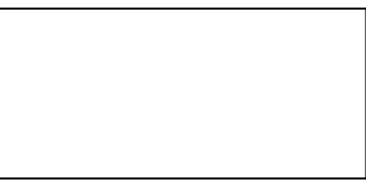


Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

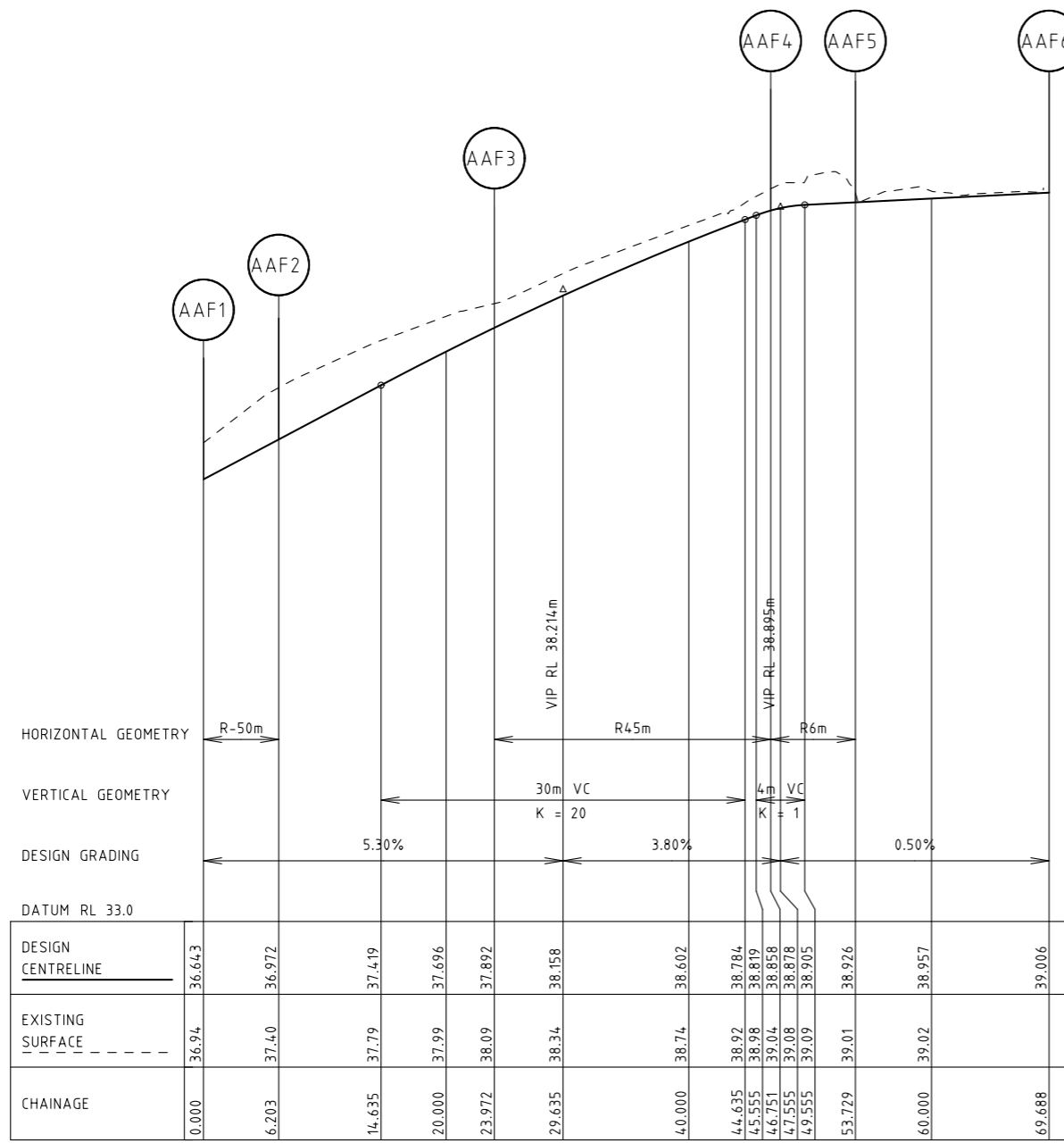
Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	LIP PROFILE SHEET 16

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	10.06.2020	Scale	1:1000
Size	A3		Revision
Drawing Number	V191441-CI-DG-5266		3

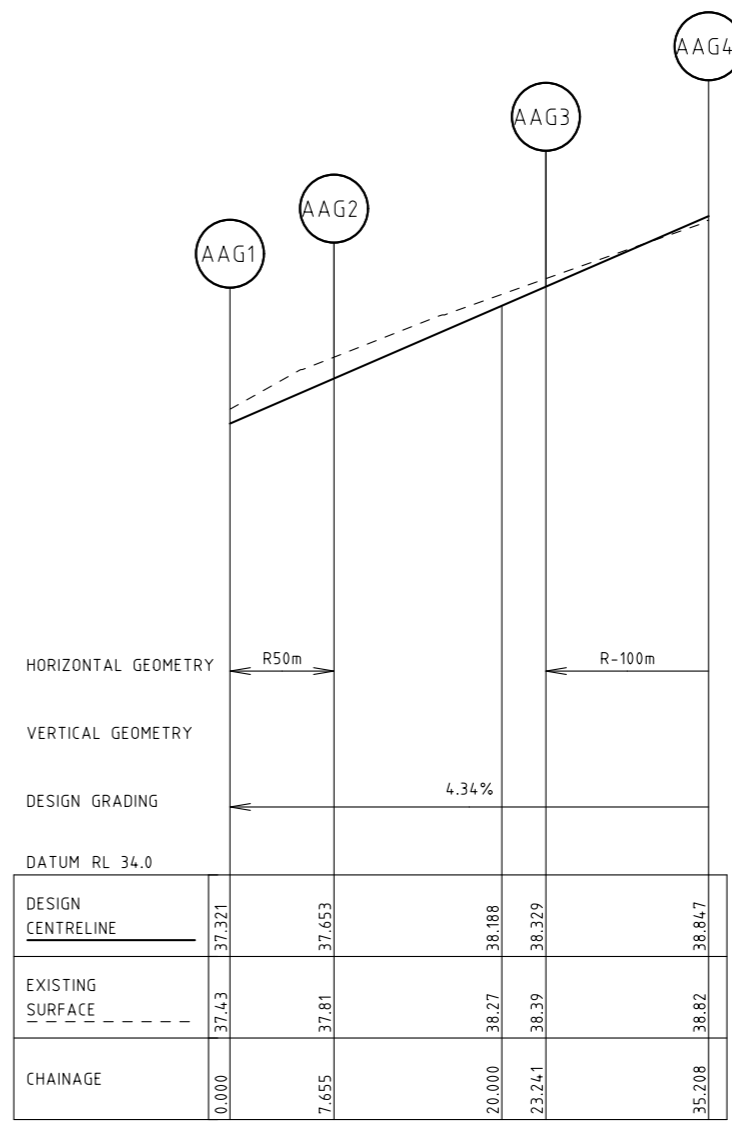
BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:06:49 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-5267.dgn



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Scale H: 1:500
V: 1:50

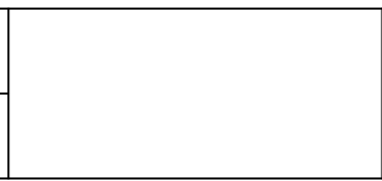


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Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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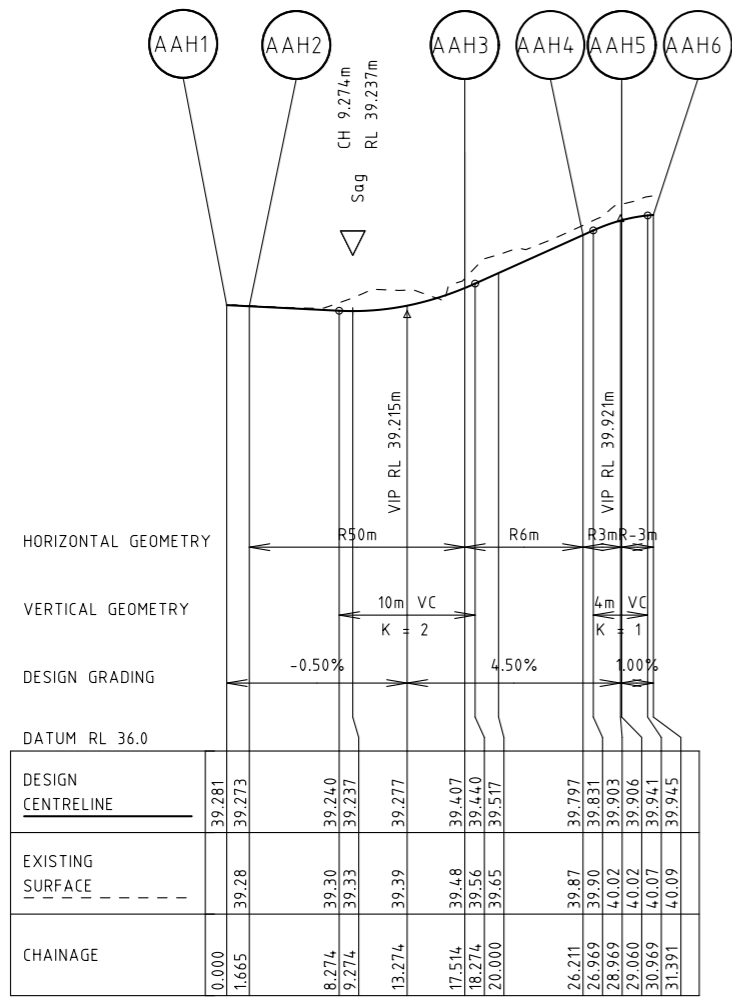


Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	LIP PROFILE SHEET 17
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-5267
		Revision	3

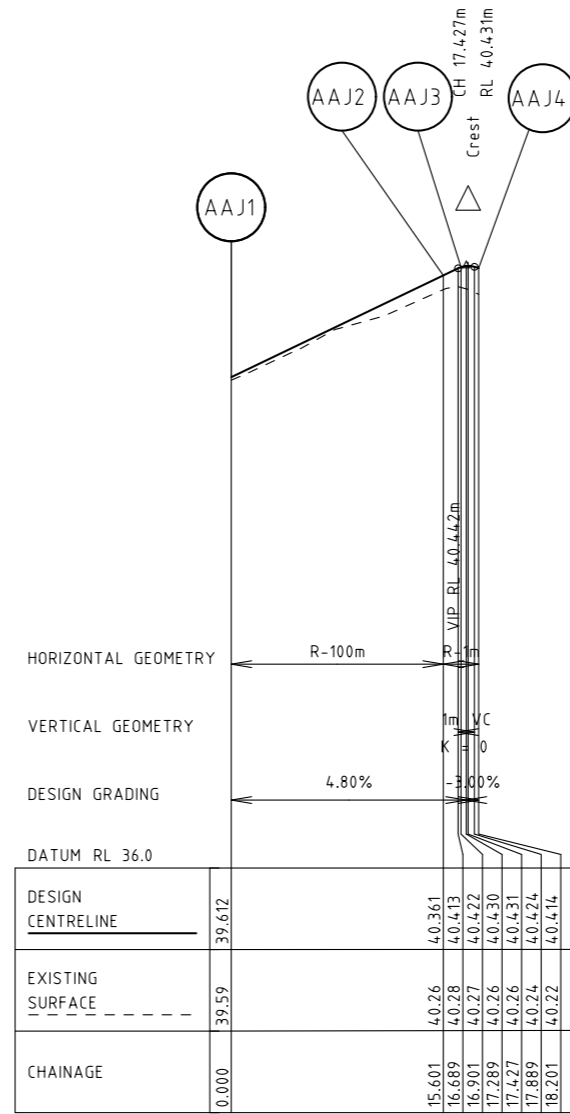
BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:06:52 PM

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AAH - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50



AAJ - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
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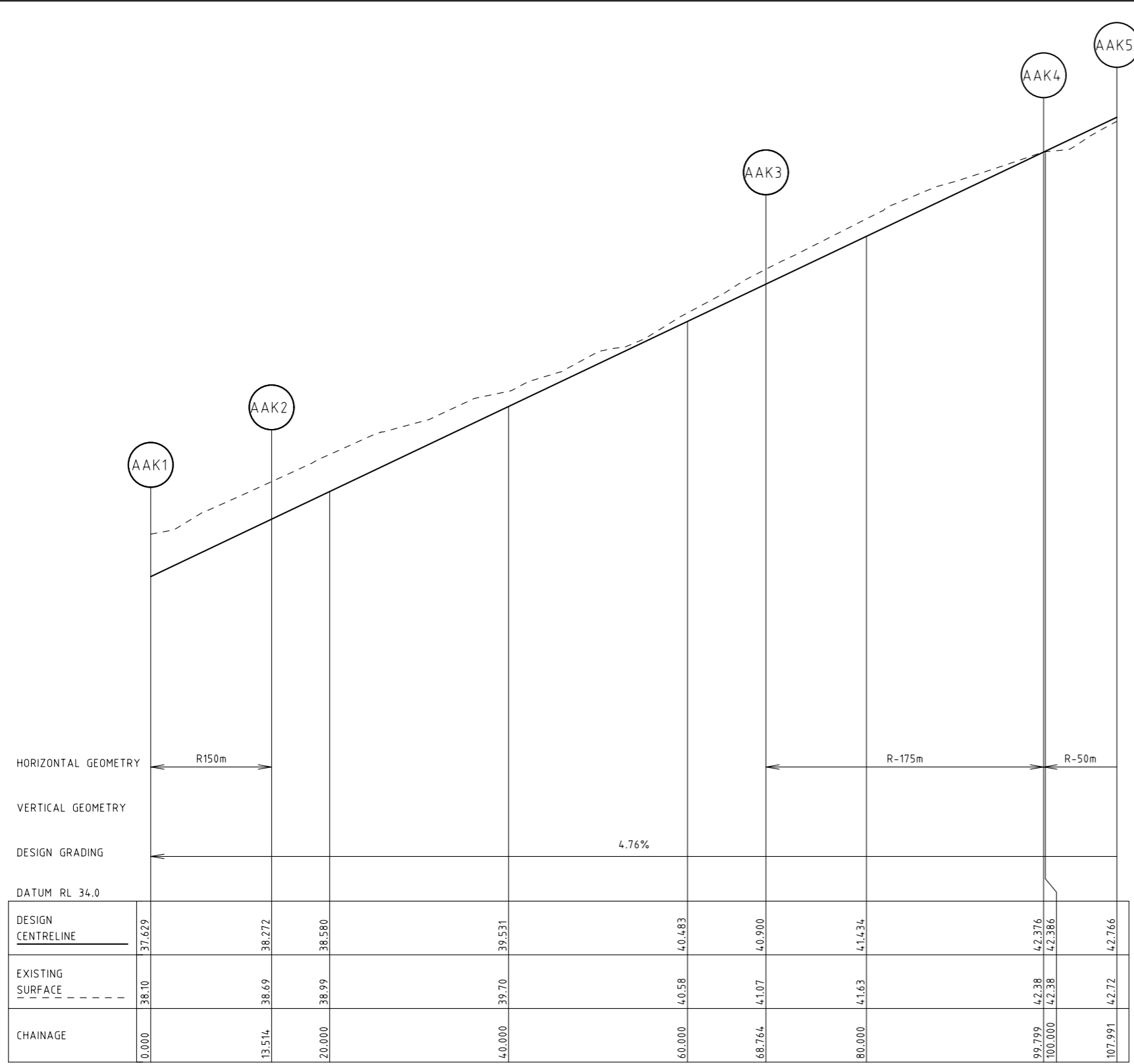


Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	LIP PROFILE SHEET 18
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-5268
		Revision	3

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DATE PLOTTED: 22/10/2021 4:06:55 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-5269.dgn



CHAINAGE	0.000	13.514	20.000	40.000	60.000	68.764	80.000	99.799	100.000	107.991
DESIGN CENTRELINE	37.629	38.272	38.580	39.531	40.483	40.900	41.434	42.376	42.386	42.766
EXISTING SURFACE	38.10	38.69	38.99	39.70	40.58	41.07	41.63	42.38	42.38	42.72

AAK - PRINCES HWY - BAYVIEW RD - SETOUT PROFILE
Scale H: 1:500
V: 1:50

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	LIP PROFILE SHEET 19

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	10.06.2020	Scale	1:1000
Drawing Number	V191441-CI-DG-5269	Size	A3
Revision			3

BY: \$USERS

DATE PLOTTED: 22/10/2021 4:06:58 PM

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Point no	Easting	Northing	RL
AA1	359840.72	5786472.9	34.272
AA2	359867.24	5786463	34.418

Point no	Easting	Northing	RL
AB1	359852.49	5786458.7	34.63
AB2	359878.03	5786453.3	34.635
AB3	359921.6	5786437.9	34.61
AB4	359927.62	5786436.2	34.579

Point no	Easting	Northing	RL
AC1	359850.55	5786452.9	34.421
AC2	359854.35	5786449.7	34.471

Point no	Easting	Northing	RL
AD1	359895.08	5786432.4	34.163
AD2	359898.41	5786432.8	34.237
AD3	359911.99	5786429.3	34.251
AD4	359946.61	5786419.2	34.153
AD5	359960.15	5786415.8	34.111

Point no	Easting	Northing	RL
AE1	359898.19	5786456.3	34.429
AE2	359912.11	5786454.3	34.361
AE3	359926.55	5786453.2	34.291
AE4	359933.45	5786452.2	34.257

Point no	Easting	Northing	RL
AF1	359974.95	5786443.2	34.093
AF2	359993.62	5786442.1	33.916
AF3	360032.32	5786445.9	33.913
AF4	360045.59	5786457.1	34.765

Point no	Easting	Northing	RL
AG1	360000.81	5786435.6	34.043
AG2	360034.15	5786427	33.938
AG3	360035.23	5786427.6	33.914
AG4	360039.48	5786441	33.876
AG5	360038.84	5786441.8	33.873
AG6	360000.93	5786437.4	34.008
AG7	360000.14	5786436.5	34.025

Point no	Easting	Northing	RL
AH1	360026.52	5786414.7	34.185
AH2	360028.47	5786414.2	34.175
AH3	360029.38	5786414	34.17
AH4	360030.34	5786412.6	34.164
AH5	360029.05	5786411.5	34.164
AH6	360024.2	5786412	34.173

Point no	Easting	Northing	RL
AJ1	360002.16	5786406.7	33.956
AJ2	360014.07	5786393.8	33.597
AJ3	360019.88	5786351	32.88
AJ4	360019.63	5786333.2	32.799

Point no	Easting	Northing	RL
AK1	360034.26	5786399.4	33.837
AK2	360034.72	5786398.7	33.809
AK3	360026.1	5786358.3	33.126
AK4	360025.19	5786357.6	33.117
AK5	360024.33	5786358.4	33.12
AK6	360017.68	5786402.1	33.853
AK7	360018.43	5786402.8	33.884

Point no	Easting	Northing	RL
AL1	360040.76	5786394.8	33.81
AL2	360043.63	5786397	33.818
AL3	360046.28	5786394.6	33.754
AL4	360045.97	5786387.4	33.64

Point no	Easting	Northing	RL
AM1	360046.56	5786435.6	33.981
AM2	360046.04	5786425.9	33.882
AM3	360048	5786423.9	33.896
AM4	360050.42	5786425.3	33.911
AM5	360051.77	5786429.2	33.955

Point no	Easting	Northing	RL
AN1	360057.96	5786422.6	33.857
AN2	360073.19	5786418.5	33.877
AN3	360073.93	5786419.2	33.854
AN4	360068.45	5786456	35.142
AN5	360067.62	5786456.7	35.161
AN6	360066.69	5786456.1	35.107
AN7	360057.33	5786423.7	33.832

Point no	Easting	Northing	RL
AP1	360076.03	5786479.8	36.412
AP2	360073.94	5786454.1	34.891
AP3	360077.63	5786426.9	33.727
AP4	360082.64	5786417.8	33.849
AP5	360085.83	5786416.6	33.87
AP6	360102.19	5786416	33.935
AP7	360113.3	5786415.6	33.979
AP8	360115.88	5786415.2	33.99
AP9	360127.87	5786412.6	34.062
AP10	360130.54	5786411.8	34.096
AP11	360138.12	5786408.5	34.212
AP12	360147.26	5786405.6	34.346

Point no	Easting	Northing	RL
AQ1	360060.22	5786411.3	34.125
AQ2	360059.2	5786412.7	34.11
AQ3	360060.47	5786413.9	34.1
AQ4	360065.05	5786413.5	34.077

Point no	Easting	Northing	RL
AR1	360082.7	5786388.8	33.827
AR2	360083.41	5786388	33.812
AR3	360082.67	5786387.1	33.797
AR4	360054.04	5786381.8	33.382
AR5	360053.35	5786382.5	33.387
AR6	360056.56	5786393.7	33.777
AR7	360057.62	5786394.3	33.801

Point no	Easting	Northing	RL
AS1	360047.94	5786363.6	33.166
AS2	360063.05	5786378.5	33.292
AS3	360091.42	5786383	33.733
AS4	360113.77	5786382.4	33.949

Point no	Easting	Northing	RL
AU1	360162.27	5786389.1	34.685
AU2	360168.29	5786387.4	34.754
AU3	360211.15	5786372.3	35.173
AU4	360224.28	5786368.6	35.481

Point no	Easting	Northing	RL
AV1	360159.43	5786372.5	34.182
AV2	360166.33	5786371.5	34.266
AV3	360180.77	5786370.4	34.44
AV4	360194.69	5786368.4	34.661

Point no	Easting	Northing	RL
AW1	360203.32	5786366.5	34.82
AW2	360213.95	5786364.2	35.054
AW3	360227.66	5786361.2	35.41
AW4	360240.85	5786358.2	35.788
AW5	360254.78	5786343.7	36.054
AW6	360266.11	5786332.1	35.959
AW7	360275.69	5786330	35.903

Point no	Easting	Northing	RL
AX1	360276.96	5786336.5	36.132
AX2	360270.14	5786338	36.107
AX3	360258.26	5786351	36.338
AX4	360258.08	5786352.4	36.373
AX5	360259.66	5786353.9	36.433
AX6	360332.28	5786337.4	37.851
AX7	360370.97	5786327.3	38.121
AX8	360392.6	5786321	38.233
AX9	360406.12	5786317.6	38.303

Point no	Easting	Northing	RL
AAA1	359926.98	5786159.3	33.34
AAA2	359928.68	5786158	33.325
AAA3	359930.69	5786156.4	33.306
AAA4	359944.21	5786152.5	33.244
AAA5	359946.66	5786152	33.235

Point no	Easting	Northing	RL
AAB1	359924.65	5786146.7	33.336
AAB2	359928.47	5786146.4	33.309
AAB3	359938.94	5786146.4	33.265
AAB4	359943.47	5786146	33.251

Point no	Easting	Northing	RL
AAC1	360009.25	5786208.4	33.093
AAC2	360017.9	5786242.3	33.025
AAC3	360030.99	5786279.6	32.827
AAC4	360039.61	5786313.5	32.781

Point no	Easting	Northing	RL
AAD1	360014.81	5786245.5	33.135
AAD2	360013.81	5786244.9	33.17
AAD3	360013.05	5786245.8	33.176
AAD4	360016.88	5786271.5	33.054
AAD5	360021.56	5786286.6	33.064
AAD6	360023.14	5786293.3	33.051

Point no	Easting	Northing	RL
AAE1	360011.34	5786260.8	32.995
AAE2	360012.64	5786274.8	32.908
AAE3	360012.95	5786289.3	32.792
AAE4	360013.59	5786296.2	32.748

Point no	Easting	Northing	RL
AAF1	360077.37	5786484.2	36.643
AAF2	360078.83	5786490.2	36.972
AAF3	360081.96	5786507.7	37.892
AAF4	360091.31	5786528.2	38.858
AAF5	360097.57	5786530.4	38.926
AAF6	360113.15	5786527	39.006

Point no	Easting	Northing	RL
AAG1	360070.22	5786494.4	37.321
AAG2	360073.1	5786501.5	37.653
AAG3	360080.06	5786515.5	38.329
AAG4	360084.76	5786526.5	38.847

Point no	Easting	Northing	RL
AAH1	360114.05	5786532.9	39.281
AAH2	360112.42	5786533.3	39.273
AAH3	360097.73	5786539.1	39.407
AAH4	360094.99	5786546.6	39.797
AAH5	360096.92	5786548.6	39.906
AAH6	360098.49	5786550.2	39.945

Point no	Easting	Northing	RL
AAJ1	360090.42	5786542.1	39.612
AAJ2	360094.59	5786557.1	40.361
AAJ3	360093.99	5786558.1	40.422
AAJ4	360092.9	5786557.7	40.414

Point no	Easting	Northing	RL
AAK1	360064.52	5786512.2	37.629
AAK2	360070.36	5786524.4	38.272
AAK3	360096.46	5786573.1	40.9
AAK4	360108.63	5786601.6	42.376
AAK5	360110.53	5786609.6	42.766

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE		

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Curve no	Radius	Chord	Mid Ord	Qtr Ord	Mid Ord RL
AA1 - AA2	100.3	28.289	1.002	0.753	34.345
AB1 - AB2	100.3	26.11	0.853	0.641	34.595
AB3 - AB4	49.7	6.26	0.099	0.074	34.594
AC1 - AC2	5.3	4.975	0.62	0.472	34.46
AD1 - AD2	5.3	3.352	0.272	0.205	34.23
AD2 - AD3	200.3	14.012	0.123	0.092	34.25
AD4 - AD5	199.7	13.97	0.122	0.092	34.132
AE1 - AE2	100.3	14.062	0.247	0.185	34.395
AE3 - AE4	49.7	6.968	0.122	0.092	34.274
AF1 - AF2	60.3	18.704	0.73	0.548	34.035
AF3 - AF4	15.3	17.359	2.7	2.072	34.277
AG2 - AG3	0.9	1.237	0.246	0.191	33.929
AG4 - AG5	0.6	1.008	0.274	0.219	33.876
AG6 - AG7	0.9	1.151	0.208	0.161	34.017
AG7 - AG1	0.9	1.151	0.208	0.161	34.034
AH2 - AH3	22.8	0.938	0.005	0.004	34.172
AH3 - AH4	1.3	1.72	0.325	0.252	34.166
AH4 - AH5	1.3	1.72	0.325	0.252	34.163
AH5 - AH6	23.3	4.877	0.128	0.096	34.168
AJ1 - AJ2	15.3	17.551	2.767	2.124	33.838
AJ3 - AJ4	60.3	17.852	0.664	0.499	32.847
AK1 - AK2	0.6	0.847	0.175	0.136	33.823
AK3 - AK4	0.9	1.153	0.209	0.161	33.12
AK4 - AK5	0.9	1.153	0.209	0.161	33.118
AK6 - AK7	0.6	1.003	0.271	0.216	33.869
AL1 - AL2	2.8	3.63	0.668	0.517	33.826
AL2 - AL3	2.8	3.63	0.668	0.517	33.786
AL3 - AL4	22.8	7.141	0.281	0.211	33.697
AM1 - AM2	25.3	9.713	0.471	0.354	33.888
AM2 - AM3	2.3	2.767	0.462	0.356	33.889
AM3 - AM4	2.3	2.767	0.462	0.356	33.904
AM4 - AM5	23.3	4.163	0.093	0.07	33.93
AN2 - AN3	0.6	1.002	0.27	0.215	33.868
AN4 - AN5	0.9	1.129	0.199	0.154	35.161
AN5 - AN6	0.9	1.129	0.199	0.154	35.141
AN7 - AN1	0.9	1.287	0.271	0.211	33.85

Curve no	Radius	Chord	Mid Ord	Qtr Ord	Mid Ord RL
AP1 - AP2	60.3	25.846	1.401	1.054	35.695
AP3 - AP4	14.3	10.349	0.969	0.733	33.791
AP4 - AP5	5.3	3.42	0.283	0.214	33.861
AP7 - AP8	14.7	2.601	0.058	0.043	33.985
AP9 - AP10	14.7	2.804	0.067	0.05	34.078
AP11- AP12	50.3	9.593	0.229	0.172	34.279
AQ1 - AQ2	1.3	1.728	0.329	0.255	34.117
AQ2 - AQ3	1.3	1.728	0.329	0.255	34.105
AQ3 - AQ4	19.8	4.603	0.134	0.101	34.089
AR1 - AR2	0.9	1.14	0.204	0.157	33.819
AR2 - AR3	0.9	1.14	0.204	0.157	33.804
AR4 - AR5	0.6	1.021	0.285	0.228	33.379
AR6 - AR7	0.9	1.23	0.243	0.189	33.793
AS1 - AS2	18.3	21.184	3.377	2.594	33.224
AS3 - AS4	60.3	22.359	1.045	0.786	33.869
AU1 - AU2	49.7	6.26	0.099	0.074	34.72
AU3 - AU4	100.3	13.635	0.232	0.174	35.311
AV1 - AV2	49.7	6.97	0.122	0.092	34.224
AV3 - AV4	100.3	14.066	0.247	0.185	34.54
AW2 - AW3	1500.3	14.046	0.016	0.012	35.219
AW4 - AW5	18.3	20.072	2.997	2.296	35.994
AW5 - AW6	14.7	16.245	2.448	1.876	36.01
AX2 - AX3	15.3	17.627	2.793	2.145	36.168
AX4 - AX5	1.3	2.13	0.554	0.44	36.403
AX6 - AX7	660.3	39.964	0.302	0.227	38.018
AX8 - AX9	199.7	13.953	0.122	0.091	38.268
AAA1 - AAA2	2.7	2.167	0.227	0.172	33.332
AAA2 - AAA3	3.3	2.574	0.261	0.198	33.315
AAA4 - AAA5	25.3	2.508	0.031	0.023	33.24
AAB1 - AAB2	24.7	3.838	0.075	0.056	33.322
AAB3 - AAB4	25.3	4.539	0.102	0.077	33.258
AAC1 - AAC2	200.294	35.009	0.766	0.575	33.089
AAC3 - AAC4	199.708	34.905	0.764	0.573	32.769
AAD1 - AAD2	0.9	1.172	0.217	0.168	33.155
AAD2 - AAD3	0.9	1.172	0.217	0.168	33.177
AAD3 - AAD4	85.3	26.042	1	0.751	33.088
AAD5 - AAD6	49.7	6.898	0.12	0.09	33.059
AAE1 - AAE2	100.3	14.067	0.247	0.185	32.958
AAE3 - AAE4	49.7	6.97	0.122	0.092	32.768

Curve no	Radius	Chord	Mid Ord	Qtr Ord	Mid Ord RL
AAF1 - AAF2	49.7	6.199	0.097	0.073	36.808
AAF3 - AAF4	45.3	22.539	1.424	1.072	38.41
AAF4 - AAF5	6.3	6.627	0.942	0.72	38.908
AAG1 - AAG2	49.7	7.647	0.147	0.111	37.487
AAG3 - AAG4	100.3	11.96	0.178	0.134	38.588
AAH2 - AAH3	50.3	15.783	0.623	0.468	39.237
AAH3 - AAH4	6.3	8.023	1.442	1.114	39.601
AAH4 - AAH5	3.3	2.761	0.303	0.23	39.859
AAH5 - AAH6	2.7	2.259	0.248	0.188	39.931
AAJ1 - AAJ2	100.3	15.585	0.303	0.227	39.986
AAJ2 - AAJ3	0.9	1.19	0.225	0.174	40.392
AAJ3 - AAJ4	0.9	1.19	0.225	0.174	40.43
AAK1 - AAK2	149.7	13.51	0.152	0.114	37.95
AAK3 - AAK4	175.3	30.995	0.686	0.515	41.638
AAK4 - AAK5	50.3	8.182	0.167	0.125	42.571

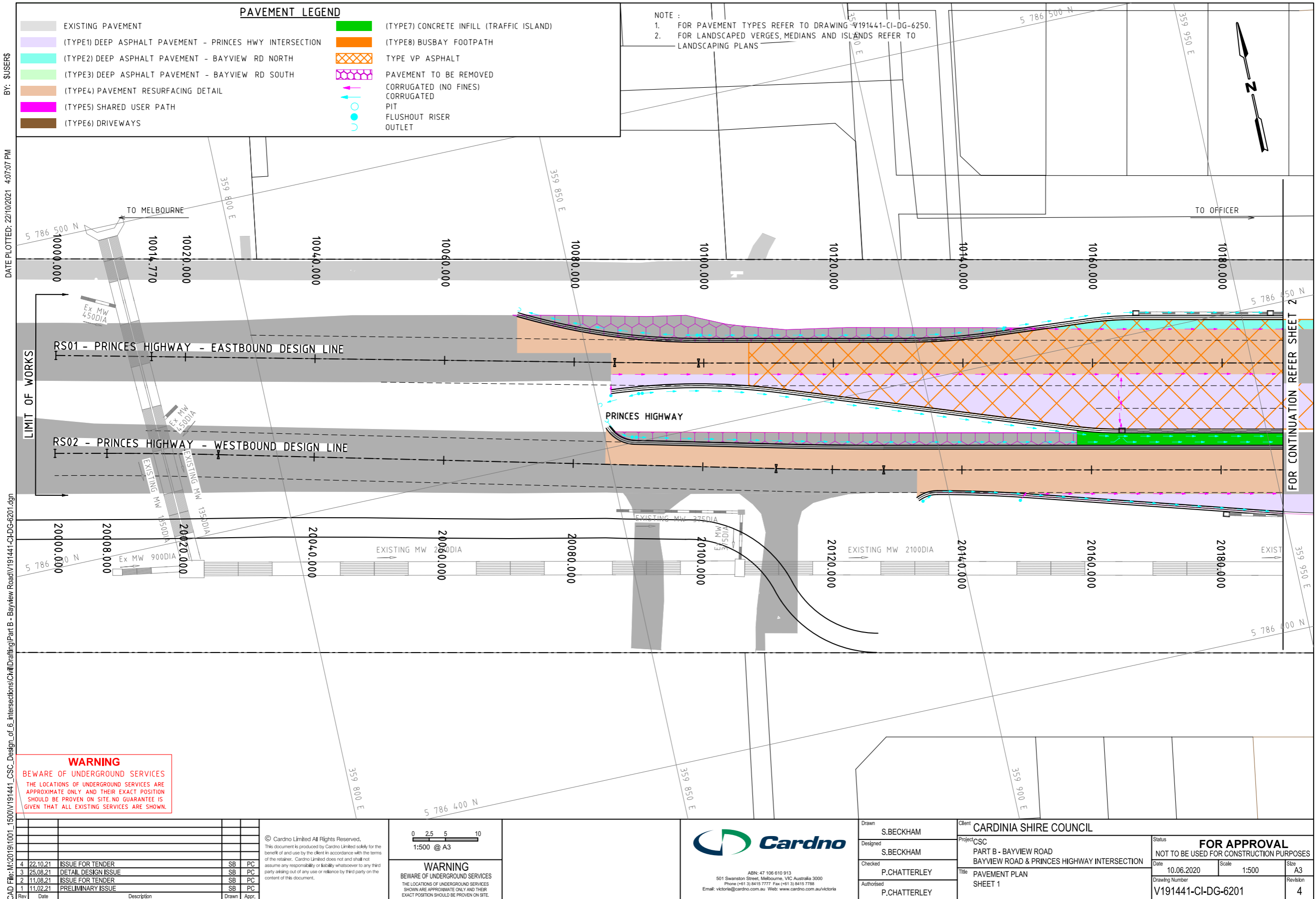
Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

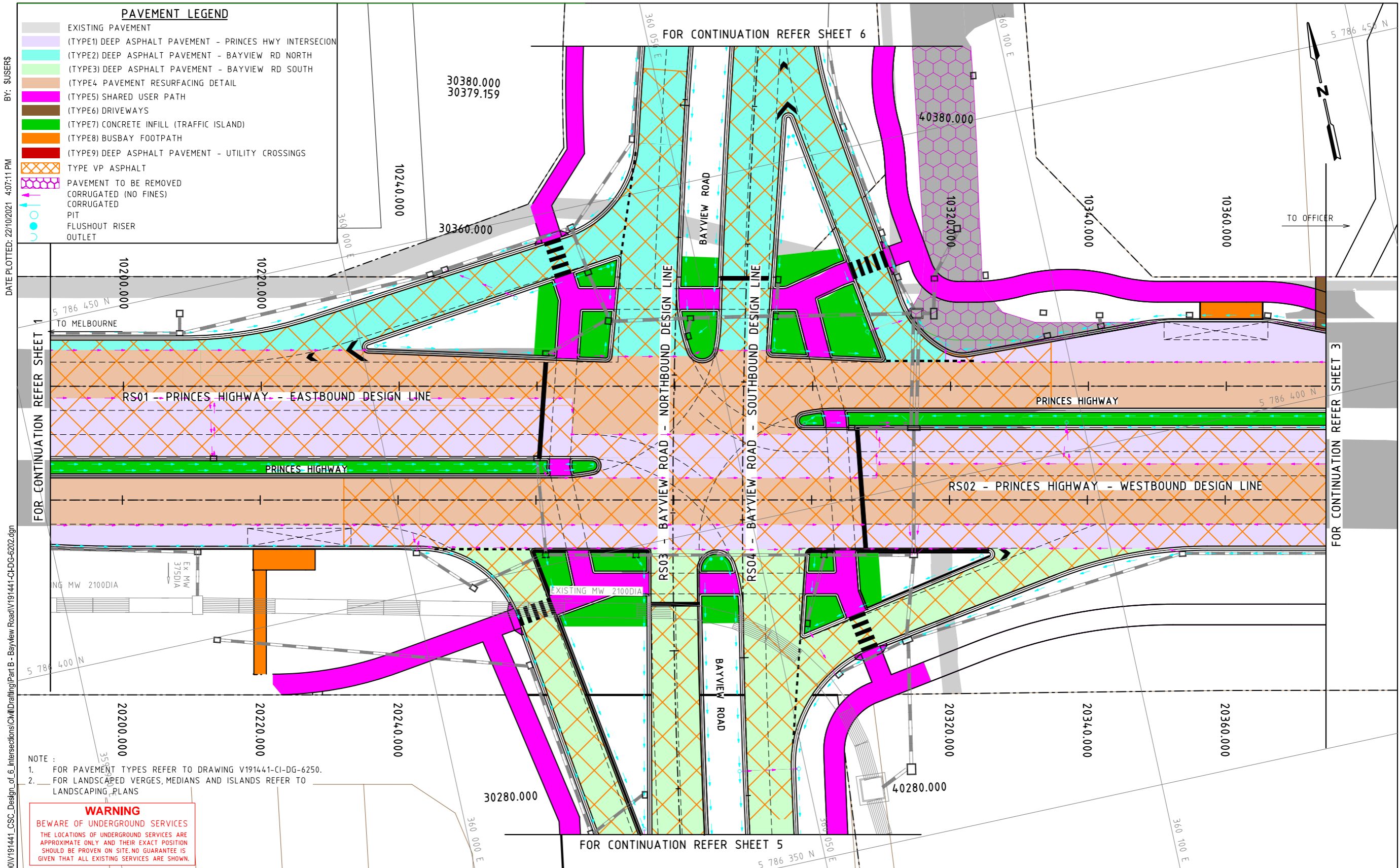
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Drawn S.BECKHAM	Client CARDINIA SHIRE COUNCIL	Status FOR APPROVAL
Designed S.BECKHAM	Project PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Checked P.CHATTERLEY	Title KERB SETOUT DETAILS SHEET 2	Date 10.06.2020
Authorised P.CHATTERLEY	Drawing Number V191441-CI-DG-5271	Scale 1:1000
		Size A3
		Revision 3





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3	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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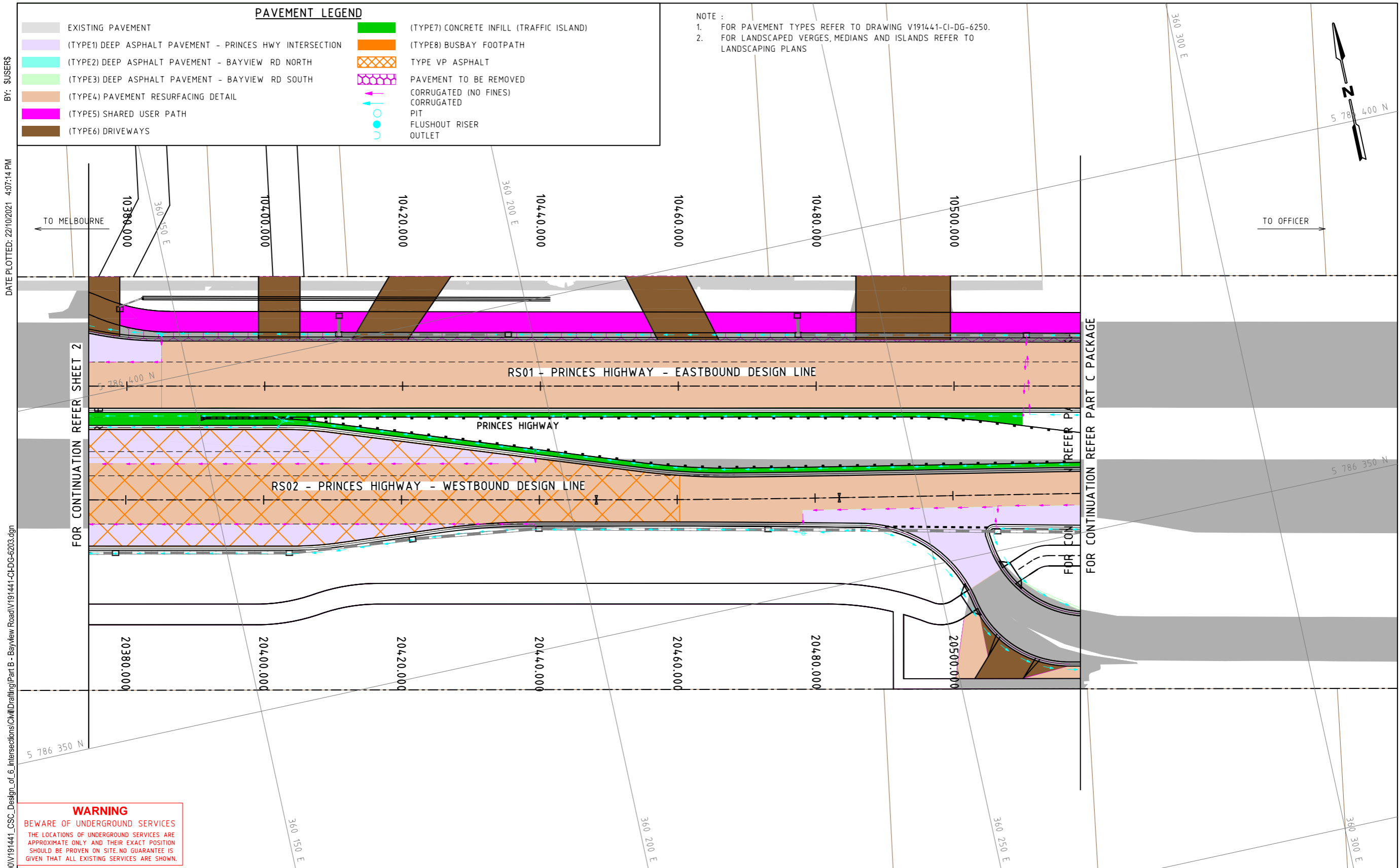
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Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	PAVEMENT PLAN SHEET 2

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	10.06.2020	Scale	1:500
Size	A3		Revision
Drawing Number	V191441-CI-DG-6202		4

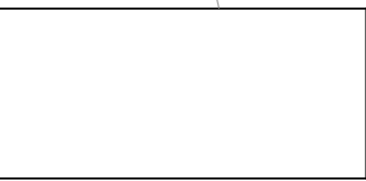


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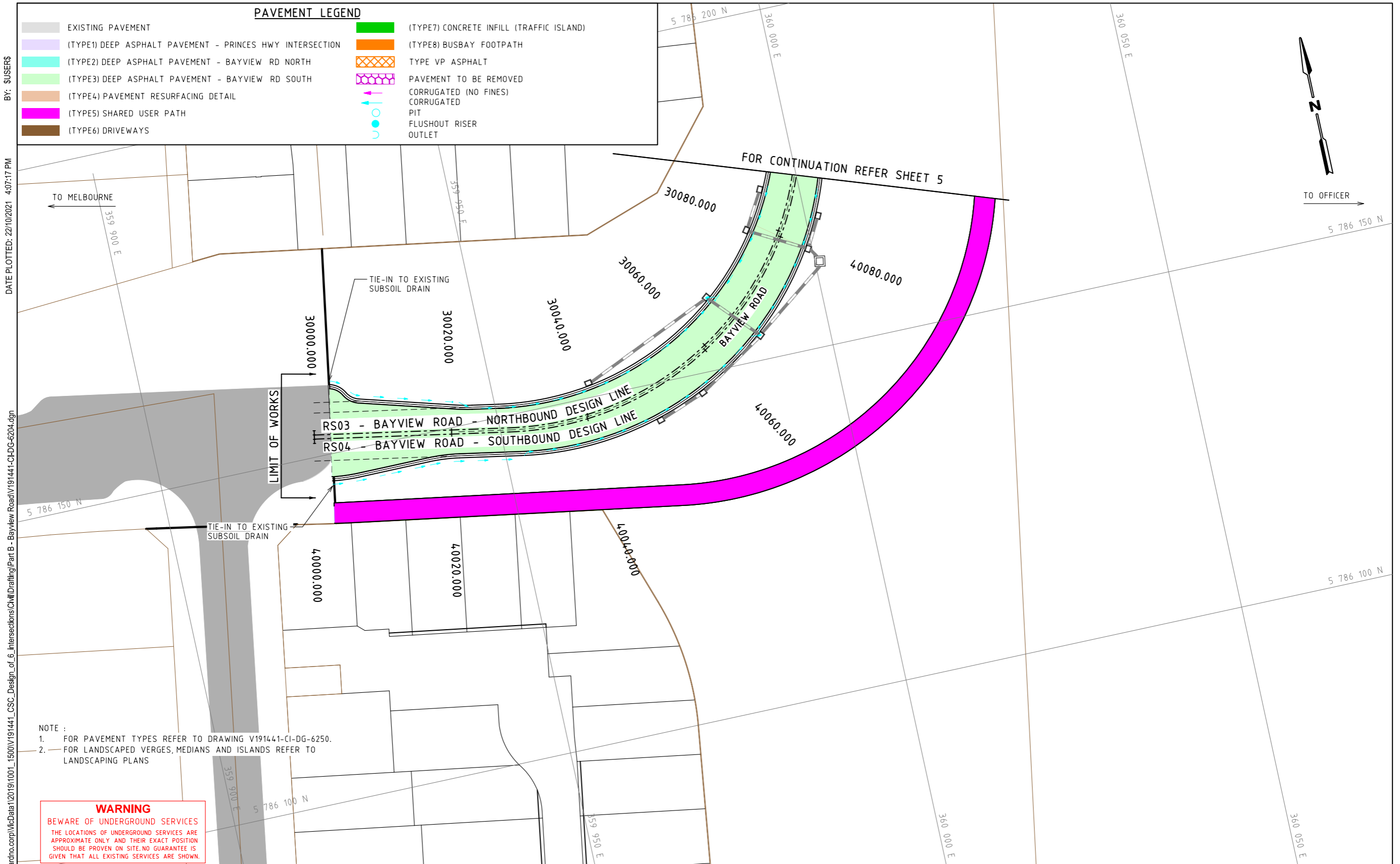
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Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	PAVEMENT PLAN SHEET 3

Status	FOR APPROVAL		
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Drawing Number	V191441-CI-DG-6203	Size	A3
Revision		Revision	4



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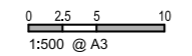
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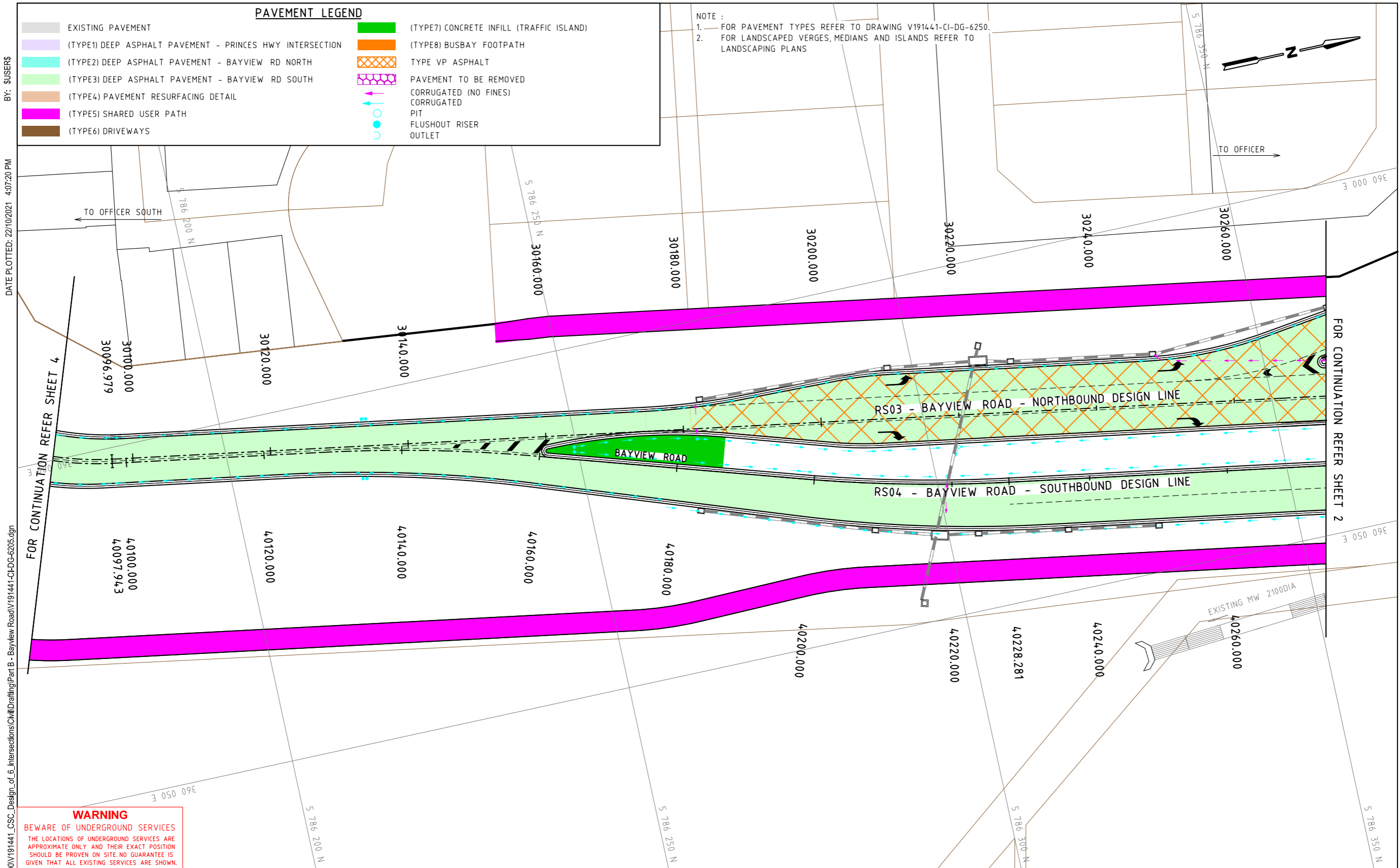
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Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	PAVEMENT PLAN SHEET 4

Status	FOR APPROVAL		
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Date	10.06.2020	Scale	1:500
Drawing Number	V191441-CI-DG-6204	Size	A3
Revision			4



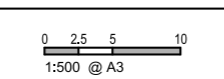
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4	22.10.21	ISSUE FOR TENDER	SB	PC
3	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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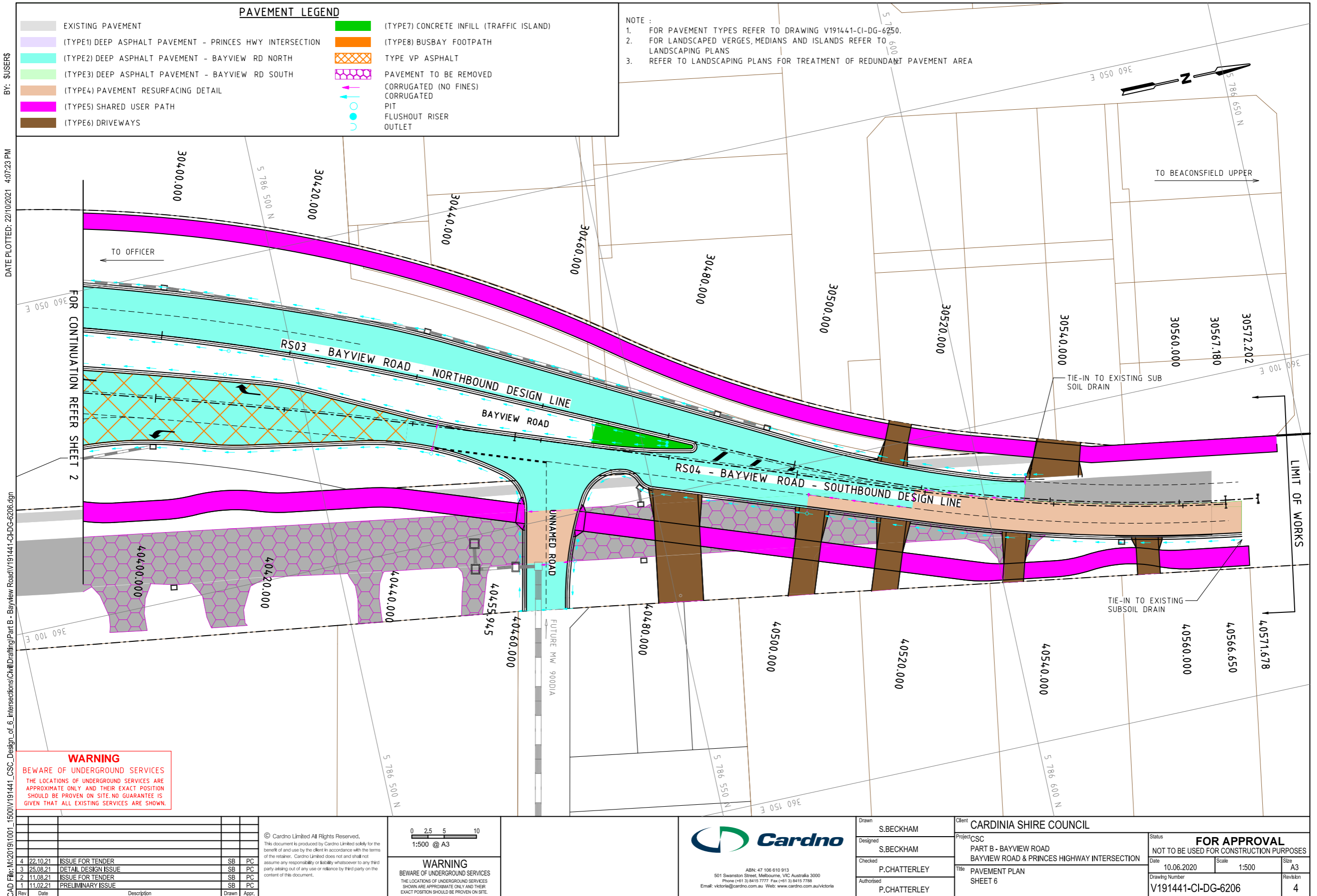
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Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	PAVEMENT PLAN SHEET 5
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	1:500
		Size	A3
		Drawing Number	V191441-CI-DG-6205
		Revision	4



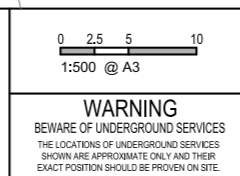
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CAD File: M:\2019\1001_15000\191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-6206.dgn

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4	22.10.21	ISSUE FOR TENDER	SB	PC
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1:500 @ A3



Drawn: S.BECKHAM
Designed: S.BECKHAM
Checked: P.CHATTERLEY
Authorised: P.CHATTERLEY

Client: CARDINIA SHIRE COUNCIL
Project: CSC
PART B - BAYVIEW ROAD
BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title: PAVEMENT PLAN
SHEET 6

Status: FOR APPROVAL	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Date: 10.06.2020	Scale: 1:500
Size: A3	Revision: 4
Drawing Number: V191441-CI-DG-6206	

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CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-6250.dgn

PAVEMENT TYPE 1: DEEP ASPHALT PAVEMENT (PRINCES HIGHWAY INTERSECTION)		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A WEARING COURSE	40	SIZE 14mm TYPE VP ASPHALT WITH PMB (10AE) BINDER
B UPPER STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
INTERMEDIATE STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
LOWER STRUCTURAL COURSE	75	SIZE 20mm TYPE SF ASPHALT WITH C320 BINDER
C BASE COURSE (STANDARD QUALITY)	220	SIZE 20mm TYPE CLASS 2 FCR COMPACTED TO MINIMUM 98% DRY DENSITY RATIO WITH MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF OPTIMUM MOISTURE CONTENT.
D SELECT SUB BASE COURSE	490	SELECT GRANULAR MATERIAL WITH MINIMUM 10% SOAKED CBR COMPACTED TO MINIMUM 98% DRY DENSITY RATIO WITH MEAN VALUE OF MINIMUM 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF OPTIMUM MOISTURE CONTENT AND PERCENTAGE SWELL OF LESS THAN 1.5%. THE LAYER SHOULD BE PLACED AS TWO OR MORE SUB LAYERS OF APPROXIMATELY EQUAL THICKNESS IN THE RANGE OF 150mm TO 300mm
TOTAL DEPTH	1005	
SUBGRADE		NATURAL SILTY CLAY TESTED TO CONFIRM AN IN-SITU CBR OF MINIMUM 3.0% OR APPROVED FILL COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR NOT LESS THAN 3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT.
NDT		5.8 x 10 ⁶ ESAs / 7.18 x 10 ⁶ HVAGs

PAVEMENT TYPE 2: DEEP ASPHALT PAVEMENT (BAYVIEW ROAD - NORTH)		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A WEARING COURSE	40	SIZE 14mm TYPE VP ASPHALT WITH PMB (10AE) BINDER
B UPPER STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
INTERMEDIATE STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
LOWER STRUCTURAL COURSE	75	SIZE 20mm TYPE SF ASPHALT WITH C320 BINDER
C BASE COURSE (STANDARD QUALITY)	220	SIZE 20mm TYPE CLASS 2 FCR COMPACTED TO MINIMUM 98% DRY DENSITY RATIO WITH MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF OPTIMUM MOISTURE CONTENT.
D SELECT SUB BASE COURSE	150	SELECT GRANULAR MATERIAL WITH MINIMUM 10% SOAKED CBR COMPACTED TO MINIMUM 98% DRY DENSITY RATIO WITH MEAN VALUE OF MINIMUM 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF OPTIMUM MOISTURE CONTENT AND PERCENTAGE SWELL OF LESS THAN 1.5%. THE LAYER SHOULD BE PLACED AS TWO OR MORE SUB LAYERS OF APPROXIMATELY EQUAL THICKNESS IN THE RANGE OF 150mm TO 300mm
TOTAL DEPTH	665	
SUBGRADE		NATURAL SILTY CLAY TESTED TO CONFIRM AN IN-SITU CBR OF MINIMUM 3.0% OR APPROVED FILL COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR NOT LESS THAN 3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT.
NDT		5.39 x 10 ⁶ ESAs / 6.68 x 10 ⁶ HVAGs

PAVEMENT NOTES:

1. PAVEMENT TYPE LIMIT PLANS AND PAVEMENT DETAILS REPRESENT INFORMATION PROVIDED IN DESIGN.
2. SIZE 14mm TYPE VP ASPHALT WEARING COURSE IS TO BE ADOPTED AT THE SIGNALISED INTERSECTION LOCATIONS, COMMENCING AT THE START OF LANE TAPER, EXTENDING THROUGH THE INTERSECTION AND THE FIRST 30m OF THE DEPARTURE LANES.
3. ALL SUBSURFACE DRAINAGE BENEATH TRAFFICABLE AREAS INCLUDING PAVEMENT AND KERB SHALL HAVE A NO FINES CONCRETE BACKFILL FILTER MEDIUM. NO FILTER SOCK SHALL BE INSTALLED ON DRAINS BACKFILLED WITH NO FINES CONCRETE. OTHER SUBSURFACE DRAINAGE
4. THE FINAL WEARING COURSE JOINT TO BE WITHIN 300MM OF THE TRAFFIC LANE OR 300mm OF CENTRE OF THE TRAFFIC LANE.
5. FOR REHABILITATION MILL EXISTING PAVEMENT TO PROVIDE CONSISTENT LAYER DEPTH (C LAYER) SPECIFIED FOR EACH PAVEMENT TYPE WHERE REQUIRED. PROFILE MILLED AREA TO PROVIDE CORRECT CROSS FALL/SUPERELEVATION.
6. TYPE A MATERIAL SHOULD HAVE A MINIMUM ASSIGNED CBR OF 6% AND PERCENTAGE SWELL LESS THAN 2.5%. TYPE B MATERIAL SHOULD HAVE A MINIMUM ASSIGNED CBR OF 2% AND PERCENTAGE SWELL LESS THAN 2.5%. TYPE C FILL MATERIAL MAY NOT MEET THE REQUIREMENTS OF TYPE A OR TYPE B MATERIAL.
7. THE PAVEMENT AT UTILITY CROSSINGS SHALL BE REDUCED TO 515mm AS PER PAVEMENT TYPE 9, WHERE REQUIRED TO PROVIDE SUFFICIENT CLEARANCE.

PAVEMENT TYPE 3: DEEP ASPHALT PAVEMENT (BAYVIEW ROAD - SOUTH)		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A WEARING COURSE	40	SIZE 14mm TYPE VP ASPHALT WITH PMB (10AE) BINDER
B UPPER STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
INTERMEDIATE STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
LOWER STRUCTURAL COURSE	75	SIZE 20mm TYPE SF ASPHALT WITH C320 BINDER
C BASE COURSE (STANDARD QUALITY)	150	SIZE 20mm TYPE CLASS 2 FCR COMPACTED TO MINIMUM 98% DRY DENSITY RATIO WITH MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF OPTIMUM MOISTURE CONTENT.
D SELECT SUB BASE COURSE	330	SELECT GRANULAR MATERIAL WITH MINIMUM 10% SOAKED CBR COMPACTED TO MINIMUM 98% DRY DENSITY RATIO WITH MEAN VALUE OF MINIMUM 100% STANDARD DRY DENSITY RATIO AND WITHIN 1% OF OPTIMUM MOISTURE CONTENT AND PERCENTAGE SWELL OF LESS THAN 1.5%. THE LAYER SHOULD BE PLACED AS TWO OR MORE SUB LAYERS OF APPROXIMATELY EQUAL THICKNESS IN THE RANGE OF 150mm TO 300mm
TOTAL DEPTH	845	
SUBGRADE		NATURAL SILTY CLAY TESTED TO CONFIRM AN IN-SITU CBR OF MINIMUM 3.0% OR APPROVED FILL COMPACTED TO AT LEAST 100% STANDARD DRY DENSITY RATIO (SOAKED CBR NOT LESS THAN 3.0%) WITHIN 2% OF THE STANDARD OPTIMUM MOISTURE CONTENT.
NDT		2.3 x 10 ⁶ ESAs / 2.85 x 10 ⁶ HVAGs

PAVEMENT TYPE 4: PAVEMENT RESURFACING DETAIL			
LEVEL DIFFERENCE:	LEVEL DIFFERENCE:	THICKNESS (mm)	MATERIAL
LESS THAN 40mm	A WEARING COURSE	40	SIZE 14mm TYPE VP ASPHALT WITH PMB (AE10) BINDER (PLAIN AS REQUIRED TO ALLOW FOR A CONSTANT 40mm WEARING COURSE)
40mm TO 115mm	A WEARING COURSE B REGULATION	40 20-75	SIZE 14 TYPE VP ASPHALT WITH PME (10AE) BINDER (REFER REGULATION TABLE BELOW)
115mm TO 190mm	A WEARING COURSE B STRUCTURAL COURSE C REGULATION	40 75 20-75	SIZE 14 TYPE VP ASPHALT WITH PME (AE10) BINDER SIZE 20 TYPE SI ASPHALT WITH C320 BINDER (REFER ASPHALT REGULATION TABLE BELOW)
EXISTING PAVEMENT TREATMENT			MILL OUT UPPER 40mm / WEARING COURSE OF EXISTING PAVEMENT AND BROOM CLEAN. CRACK SEAL ANY VISIBLE CRACKS AND APPLY A TACK COAT BEFORE PLACEMENT OF ANY REGULATION AND WEARING COURSE ASPHALT LAYERS.

ASPHALT REGULATION TABLE			
SIZE (mm)	THICKNESS RANGE (mm)	RECOMMENDED THICKNESS (mm)	ASPHALT TYPE
7	15-25	20	REGULATION GAP GRADED (RGG)
10	25-35	30	H
14	35-50	40	H OR SI
20	50-100	75	SI

PAVEMENT TYPE 7: CONCRETE (TRAFFIC ISLANDS/MEDIAN FILLS)		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A BASE	150	CONCRETE GRADE VR330/32 (32MPa AT 28 DAYS) WITH SL72 STEEL MESH REINFORCEMENT
B SUBBASE	150	SIZE 20mm CLASS 3 CRUSHED ROCK/CONCRETE
TOTAL DEPTH	300	

PAVEMENT TYPE 5: CONCRETE (SHARED USER PATH)		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A BASE	125	CONCRETE GRADE VR330/32 (25MPa AT 28 DAYS) WITH SL82 STEEL MESH REINFORCEMENT
B SUBBASE	100	SIZE 20mm CLASS 3 CRUSHED ROCK/CONCRETE
TOTAL DEPTH	225	

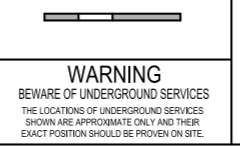
PAVEMENT TYPE 9: DEEP ASPHALT PAVEMENT DESIGN AT UTILITY CROSSINGS		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A WEARING COURSE	40	SIZE 14mm TYPE VP ASPHALT WITH PMB A10E BINDER
B UPPER STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
INTERMEDIATE STRUCTURAL COURSE	90	SIZE 20mm TYPE SI ASPHALT WITH C320 BINDER
LOWER STRUCTURAL COURSE	75	SIZE 20mm TYPE SF ASPHALT WITH C320 BINDER
C BASE COURSE (STANDARD QUALITY)	220	SIZE 20mm TYPE CLASS 2 CR COMPACTED TO MINIMUM 98% MODIFIED DRY DENSITY RATIO WITH MEAN VALUE OF AT LEAST 100% MODIFIED DRY DENSITY RATIO AND WITHIN 1% OF MODIFIED OPTIMUM MOISTURE CONTENT.
TOTAL DEPTH	515	
APPROPRIATED PREPARED EXISTING SERVICE TRENCH BACKFILL		
NDT		2.3 x 10 ⁶ ESAs / 2.85 x 10 ⁶ HVAGs

PAVEMENT TYPE 8: CONCRETE (INDENTED BUS BAYS)		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A BASE	200	CONCRETE GRADE VR330/32 (32MPa AT 28 DAYS) WITH SL92 STEEL MESH REINFORCEMENT
B SUBBASE	150	SIZE 20MM 5% CTCR (500MPa)
TOTAL DEPTH	350	

PAVEMENT TYPE 6: CONCRETE (DRIVEWAYS)		
PAVEMENT LAYER	THICKNESS (mm)	MATERIAL
A BASE	150	CONCRETE GRADE VR330/32 (32MPa AT 28 DAYS) WITH SL82 STEEL MESH REINFORCEMENT
B SUBBASE	150	SIZE 20mm CLASS 3 CRUSHED ROCK/CONCRETE
TOTAL DEPTH	300	

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2	11.08.21	ISSUE FOR TENDER	SB	PC
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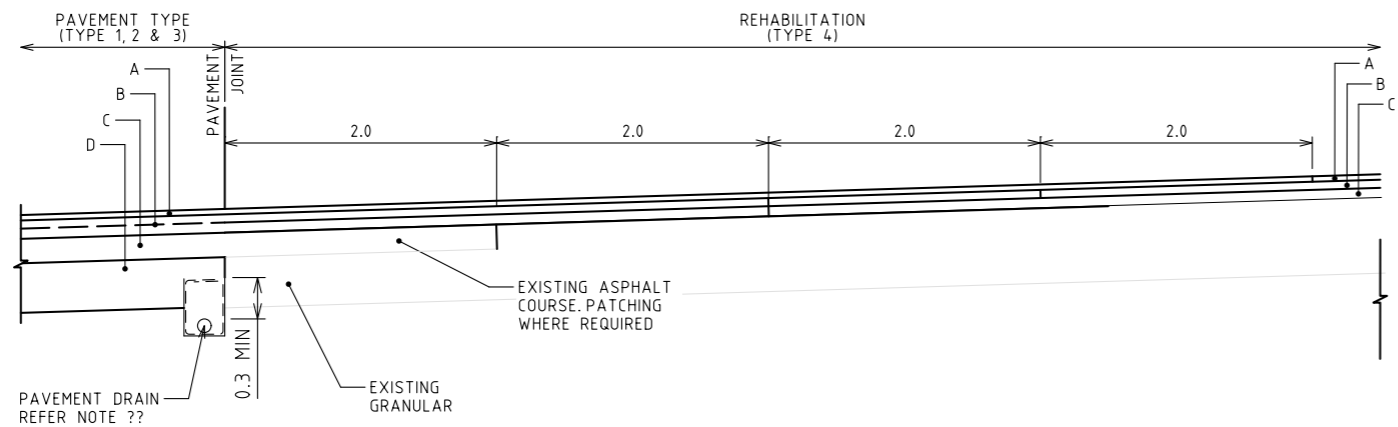
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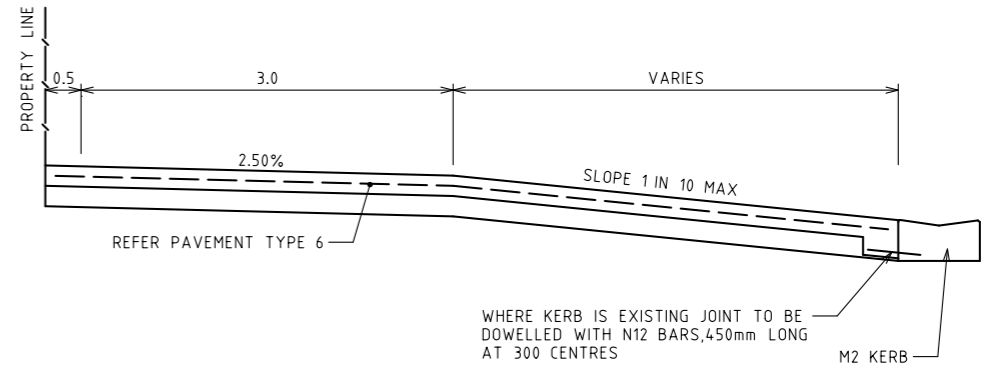
Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	PAVEMENT DETAILS
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	NTS
		Size	A3
		Drawing Number	V191441-CI-DG-6250
		Revision	4

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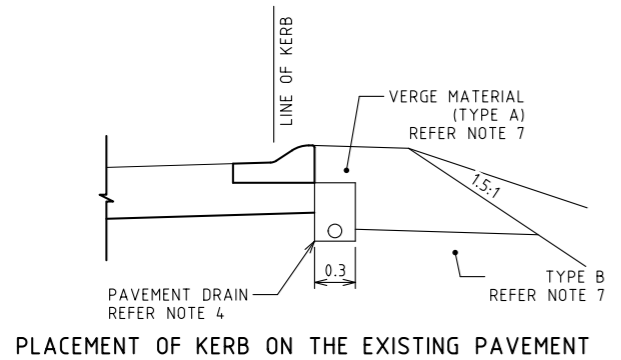
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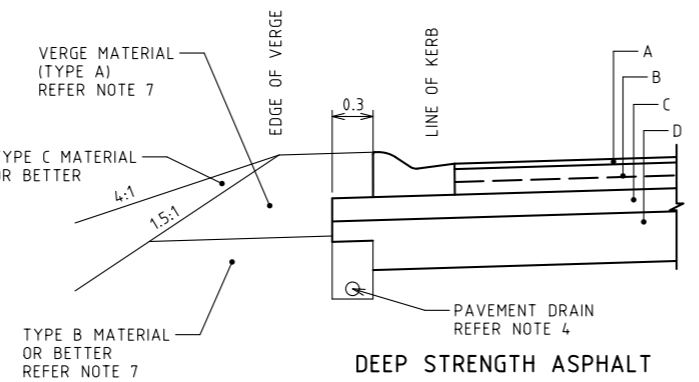
TRAVERSE JOINT - DEEP STRENGTH ASPHALT TO ADJACENT REHABILITATION



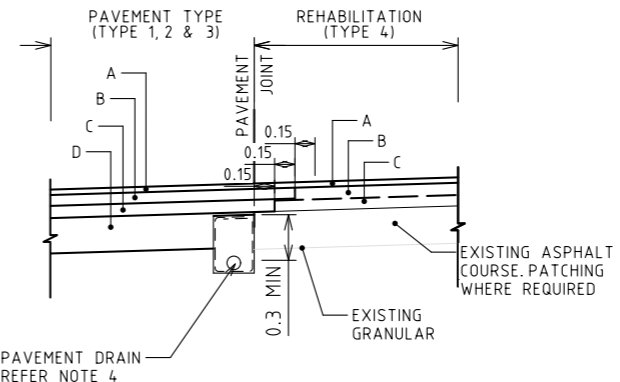
CONCRETE DRIVEWAY



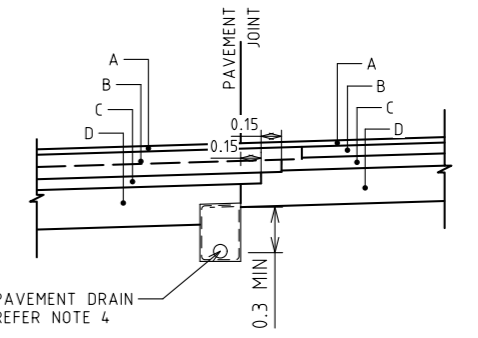
PLACEMENT OF KERB ON THE EXISTING PAVEMENT



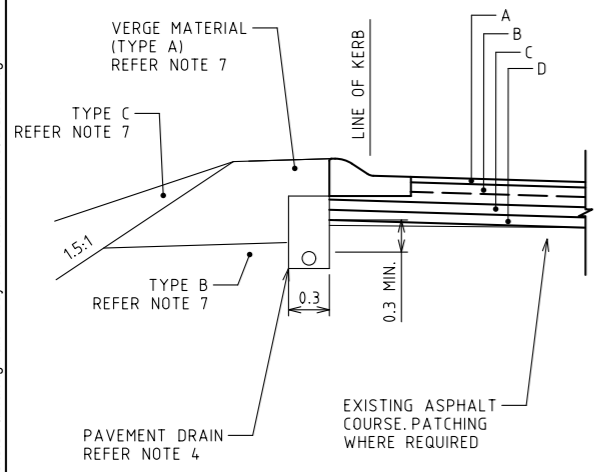
DEEP STRENGTH ASPHALT



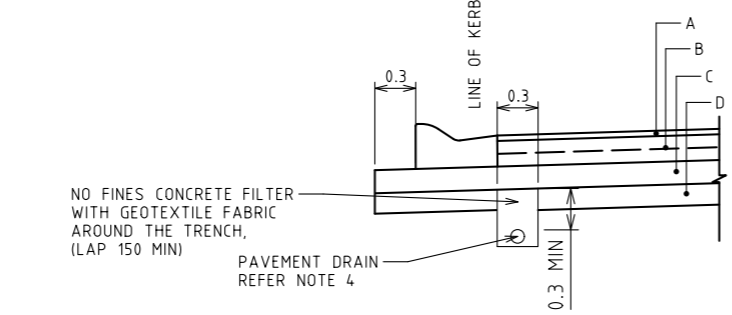
LONGITUDINAL JOINT - DEEP STRENGTH ASPHALT TO REHABILITATION



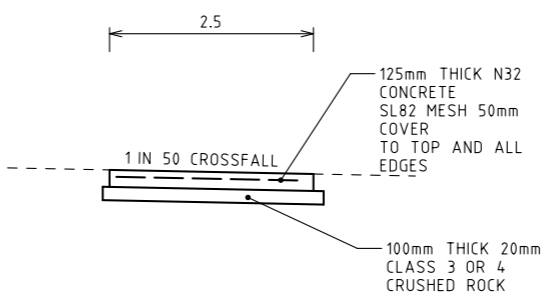
LONGITUDINAL JOINT - DEEP STRENGTH ASPHALT



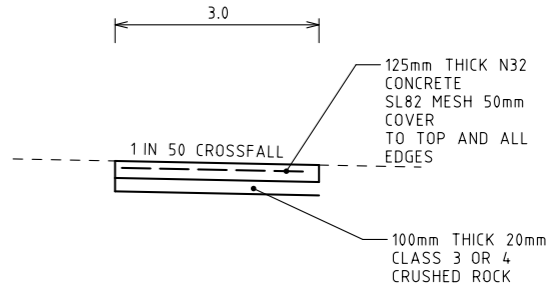
PLACEMENT OF REHABILITATION AND KERB



SUBSOIL DRAIN - OPTIONAL LOCATION



CONCRETE SHARED USER PATH



CONCRETE CYCLE PATH

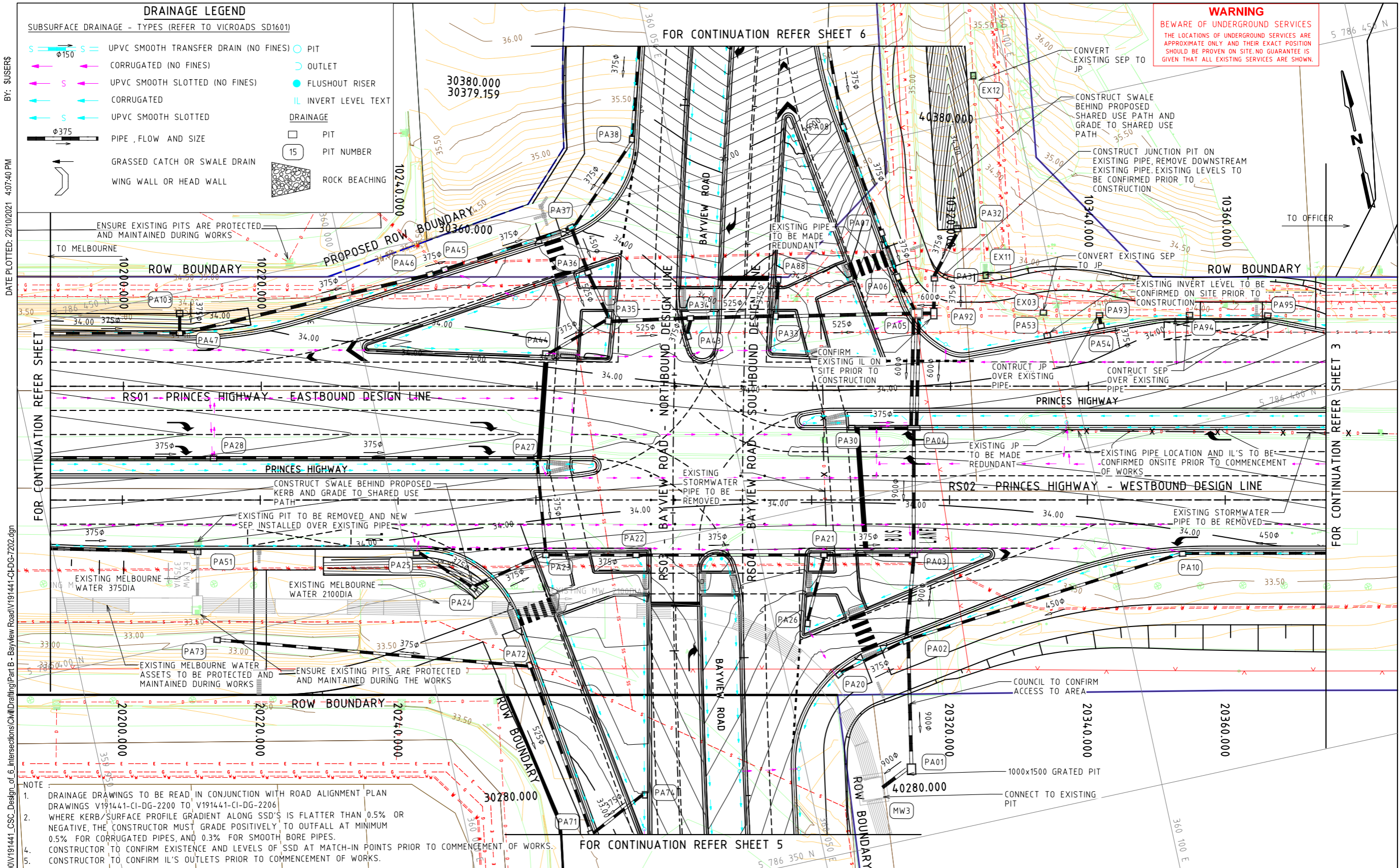
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4	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	PAVEMENT JOINT DETAILS SHEET 1
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	NTS
		Size	A3
		Drawing Number	V191441-CI-DG-6251
		Revision	4



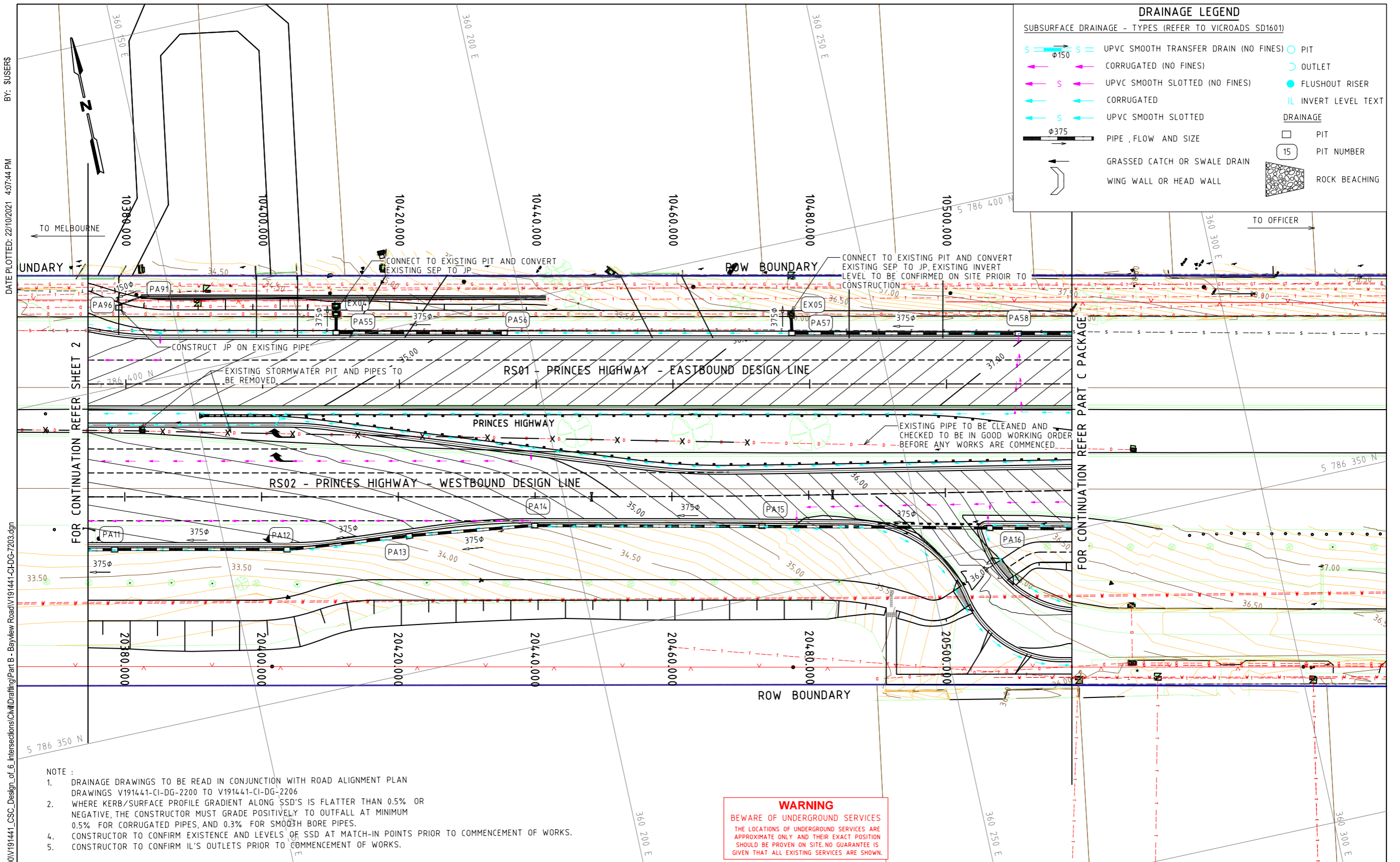
Rev	Date	Description	Drawn	Appr.
4	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	DRAINAGE PLAN SHEET 2
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	1:500
		Size	A3
		Drawing Number	V191441-CI-DG-7202
		Revision	4



DRAINAGE LEGEND

SUBSURFACE DRAINAGE - TYPES (REFER TO VICROADS SD1601)

	UPVC SMOOTH TRANSFER DRAIN (NO FINES)		PIT
	CORRUGATED (NO FINES)		OUTLET
	UPVC SMOOTH SLOTTED (NO FINES)		FLUSHOUT RISER
	CORRUGATED		IL INVERT LEVEL TEXT
	UPVC SMOOTH SLOTTED		PIT
	PIPE, FLOW AND SIZE		PIT NUMBER
	GRASSED CATCH OR SWALE DRAIN		ROCK BEACHING
	WING WALL OR HEAD WALL		

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DATE PLOTTED: 22/10/2021 4:07:44 PM

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- NOTE :**
- DRAINAGE DRAWINGS TO BE READ IN CONJUNCTION WITH ROAD ALIGNMENT PLAN DRAWINGS V191441-CI-DG-2200 TO V191441-CI-DG-2206
 - WHERE KERB/SURFACE PROFILE GRADIENT ALONG SSD'S IS FLATTER THAN 0.5% OR NEGATIVE, THE CONSTRUCTOR MUST GRADE POSITIVELY TO OUTFALL AT MINIMUM 0.5% FOR CORRUGATED PIPES, AND 0.3% FOR SMOOTH BORE PIPES.
 - CONSTRUCTOR TO CONFIRM EXISTENCE AND LEVELS OF SSD AT MATCH-IN POINTS PRIOR TO COMMENCEMENT OF WORKS.
 - CONSTRUCTOR TO CONFIRM IL'S OUTLETS PRIOR TO COMMENCEMENT OF WORKS.

WARNING
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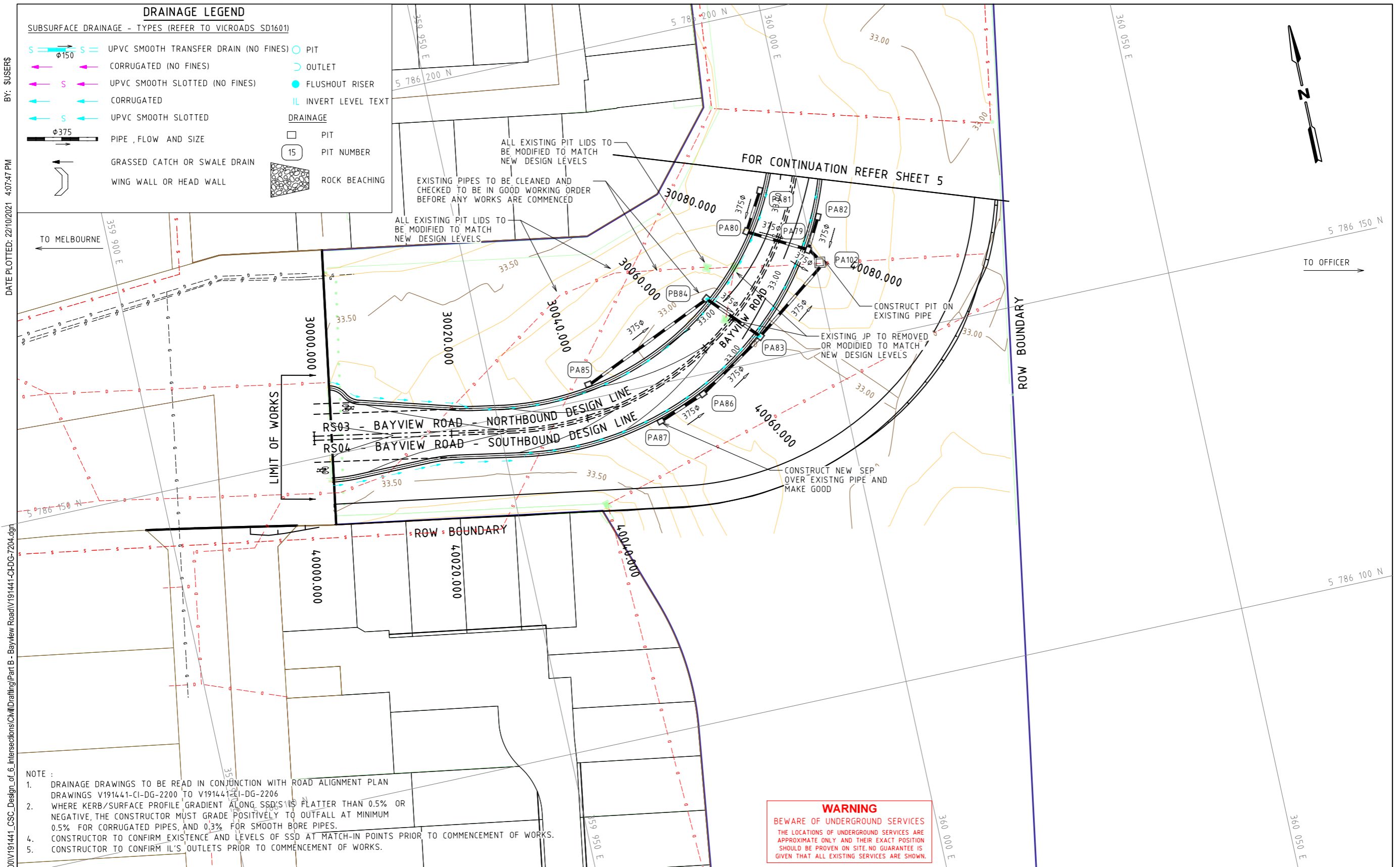
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Drawn	S.BECKHAM
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Authorised	P.CHATTERLEY

Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	DRAINAGE PLAN SHEET 3

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	10.06.2020	Scale	1:500
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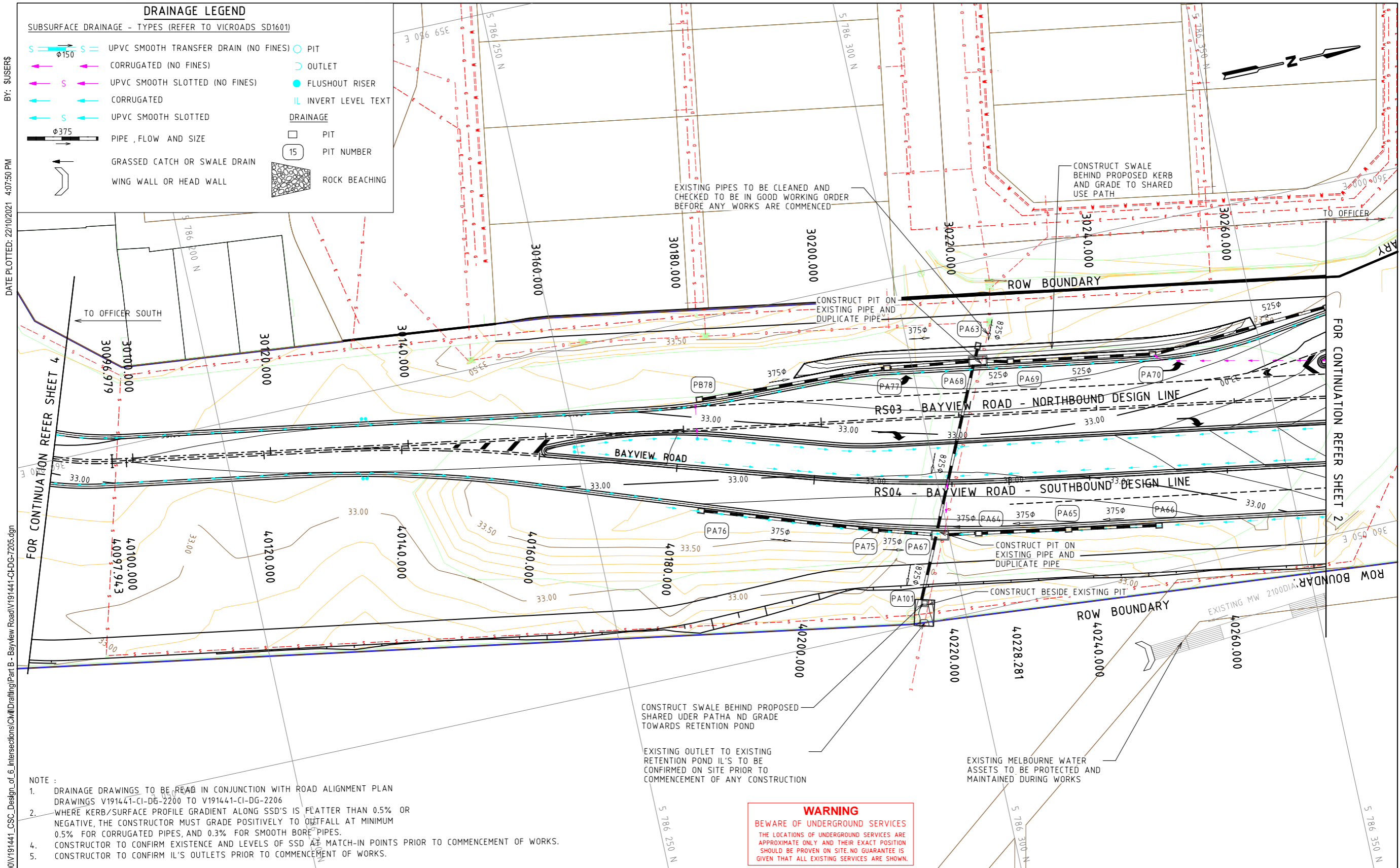
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Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	DRAINAGE PLAN SHEET 4

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Drawing Number	V191441-CI-DG-7204	Size	A3
		Revision	4



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DRAINAGE LEGEND

SUBSURFACE DRAINAGE - TYPES (REFER TO VICROADS SD1601)

- UPVC SMOOTH TRANSFER DRAIN (NO FINES)
- CORRUGATED (NO FINES)
- UPVC SMOOTH SLOTTED (NO FINES)
- CORRUGATED
- UPVC SMOOTH SLOTTED
- PIPE, FLOW AND SIZE
- GRASSSED CATCH OR SWALE DRAIN
- WING WALL OR HEAD WALL
- PIT
- OUTLET
- FLUSHOUT RISER
- IL INVERT LEVEL TEXT
- PIT
- PIT NUMBER
- ROCK BEACHING

- NOTE :
- DRAINAGE DRAWINGS TO BE READ IN CONJUNCTION WITH ROAD ALIGNMENT PLAN DRAWINGS V191441-CI-DG-2200 TO V191441-CI-DG-2206
 - WHERE KERB/SURFACE PROFILE GRADIENT ALONG SSD'S IS FLATTER THAN 0.5% OR NEGATIVE, THE CONSTRUCTOR MUST GRADE POSITIVELY TO OUTFALL AT MINIMUM 0.5% FOR CORRUGATED PIPES, AND 0.3% FOR SMOOTH BORE PIPES.
 - CONSTRUCTOR TO CONFIRM EXISTENCE AND LEVELS OF SSD AT MATCH-IN POINTS PRIOR TO COMMENCEMENT OF WORKS.
 - CONSTRUCTOR TO CONFIRM IL'S OUTLETS TO COMMENCEMENT OF WORKS.

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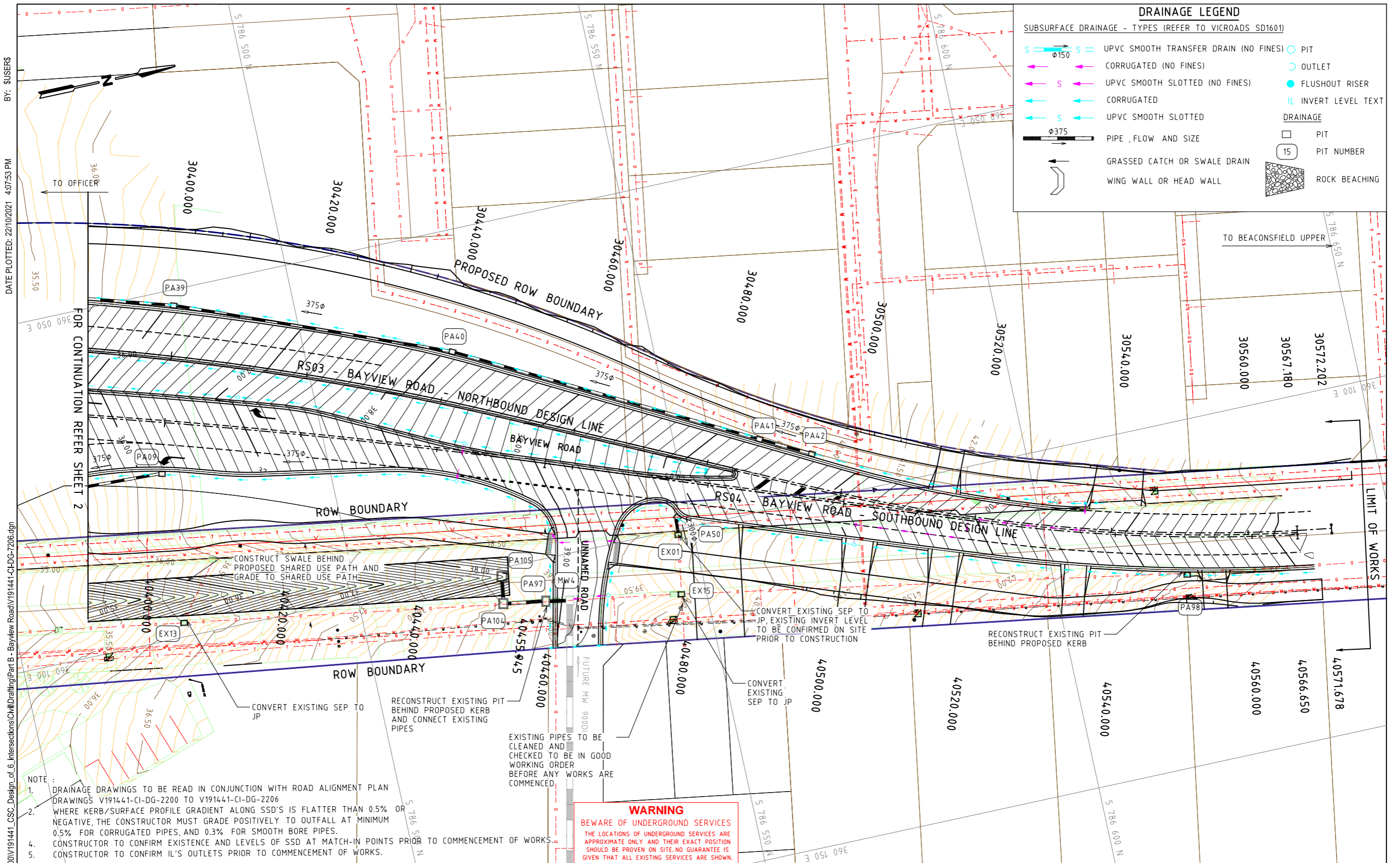
Rev	Date	Description	Drawn	Appr.
4	22.10.21	ISSUE FOR TENDER	SB	PC
3	25.08.21	DETAIL DESIGN ISSUE	SB	PC
2	11.08.21	ISSUE FOR TENDER	SB	PC
1	11.02.21	PRELIMINARY ISSUE	SB	PC

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0 2.5 5 10
1:500 @ A3
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Email: victoria@cardno.com.au Web: www.cardno.com.au/victoria

Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	DRAINAGE PLAN SHEET 5
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	10.06.2020
		Scale	1:500
		Size	A3
		Drawing Number	V191441-CI-DG-7205
		Revision	4



BY: SUSERS
 DATE PLOTTED: 22/10/2021 4:07:53 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-7206.dgn

- NOTE :
1. DRAINAGE DRAWINGS TO BE READ IN CONJUNCTION WITH ROAD ALIGNMENT PLAN DRAWINGS V191441-CI-DG-2200 TO V191441-CI-DG-2206
 2. WHERE KERB/SURFACE PROFILE GRADIENT ALONG SSD'S IS FLATTER THAN 0.5% OR NEGATIVE, THE CONSTRUCTOR MUST GRADE POSITIVELY TO OUTFALL AT MINIMUM 0.5% FOR CORRUGATED PIPES, AND 0.3% FOR SMOOTH BORE PIPES.
 3. CONSTRUCTOR TO CONFIRM EXISTENCE AND LEVELS OF SSD AT MATCH-IN POINTS PRIOR TO COMMENCEMENT OF WORKS.
 4. CONSTRUCTOR TO CONFIRM IL'S OUTLETS PRIOR TO COMMENCEMENT OF WORKS.

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4	22.10.21	ISSUE FOR TENDER	SB	PC
3	25.08.21	DETAIL DESIGN ISSUE	SB	PC
2	11.08.21	ISSUE FOR TENDER	SB	PC
1	11.02.21	PRELIMINARY ISSUE	SB	PC

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0 2.5 5 10
 1:500 @ A3
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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

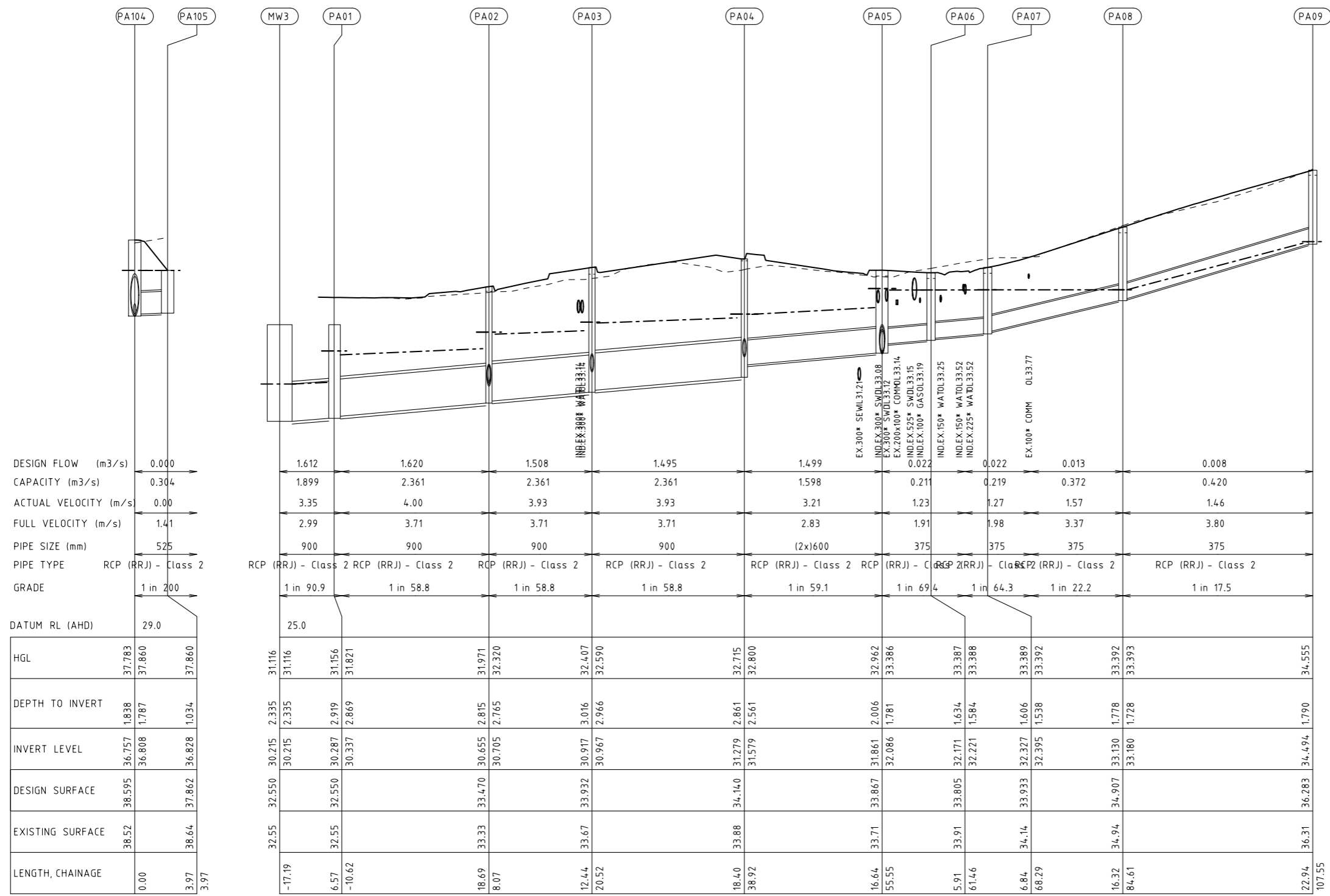
Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	DRAINAGE PLAN SHEET 6

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	10.06.2020	Scale	1:500
Drawing Number	V191441-CI-DG-7206	Revision	4

BY: \$USERS

DATE PLOTTED: 22/10/2021 4:07:36 PM

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Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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0 5 10 20
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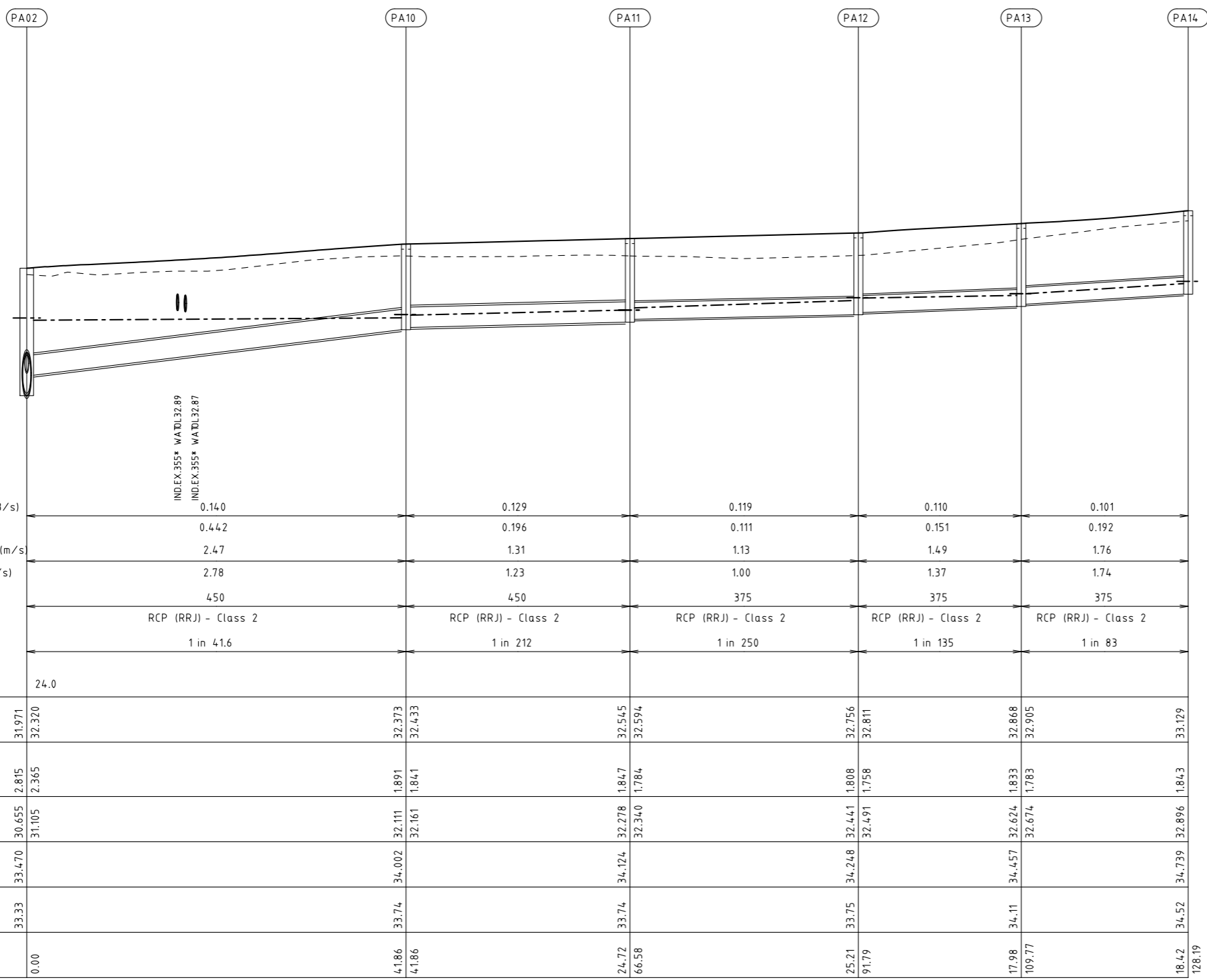


Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	DRAINAGE LONGITUDINAL SECTION SHEET 1
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	02.08.2021
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-7251
		Revision	3

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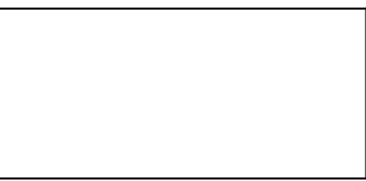


Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

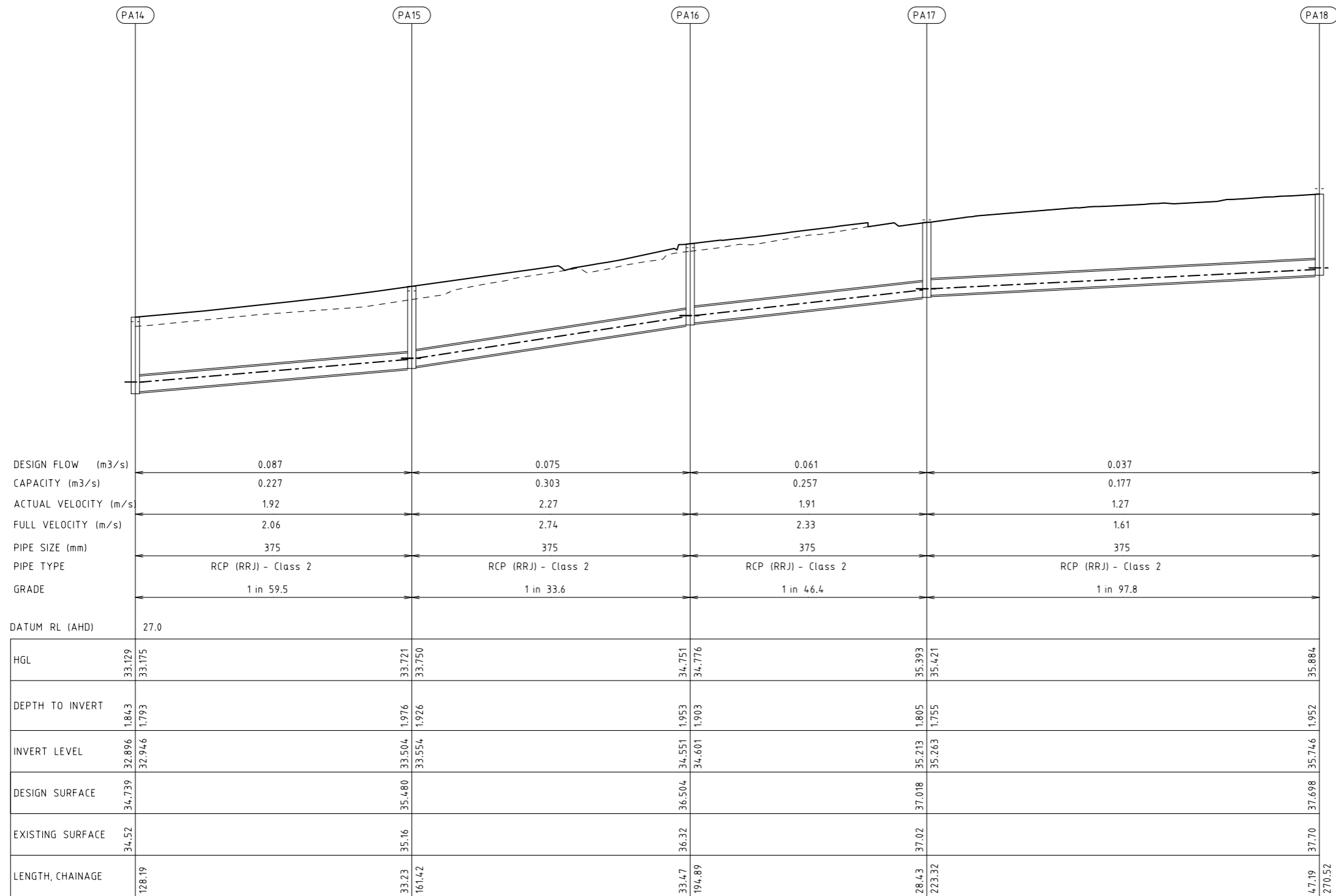
Client **CARDINIA SHIRE COUNCIL**
 Project **CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION**
 Title **DRAINAGE LONGITUDINAL SECTION SHEET 2**

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	02.08.2021	Scale	1:1000
Drawing Number	V191441-CI-DG-7252	Sheet	A3
Revision		Revised	3

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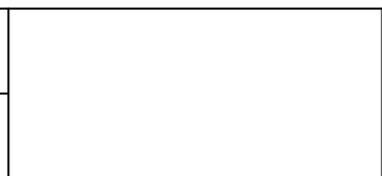


Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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0 5 10 20
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Drawn: S.BECKHAM
 Designed: S.BECKHAM
 Checked: P.CHATTERLEY
 Authorised: P.CHATTERLEY

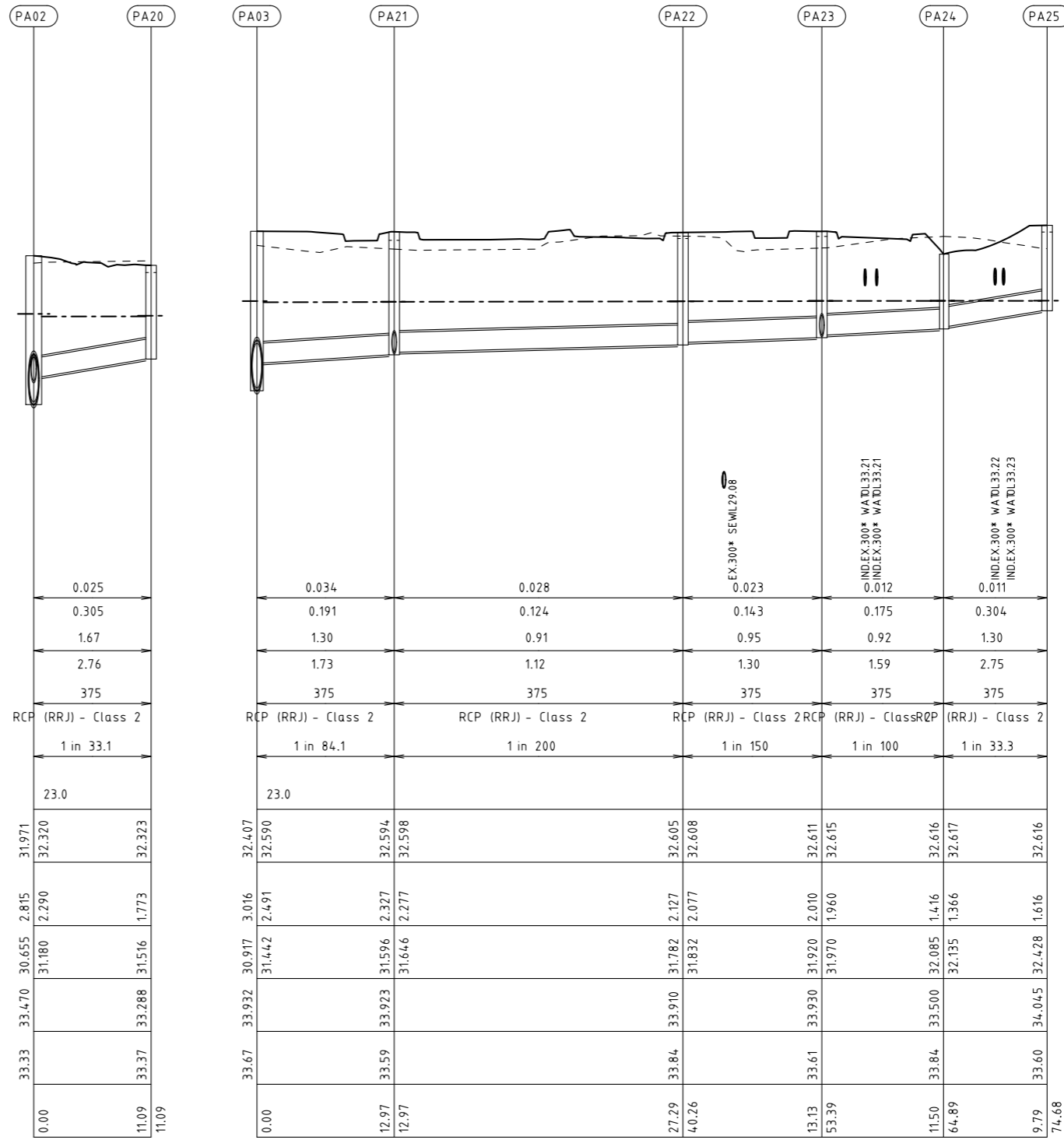
Client: CARDINIA SHIRE COUNCIL
 Project: CSC
 PART B - BAYVIEW ROAD
 BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
 Title: DRAINAGE LONGITUDINAL SECTION
 SHEET 3

Status: **FOR APPROVAL**
 NOT TO BE USED FOR CONSTRUCTION PURPOSES
 Date: 02.08.2021 Scale: 1:1000 Size: A3
 Drawing Number: V191441-CI-DG-7253 Revision: 3

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:08:05 PM

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Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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1:1000 @ A3

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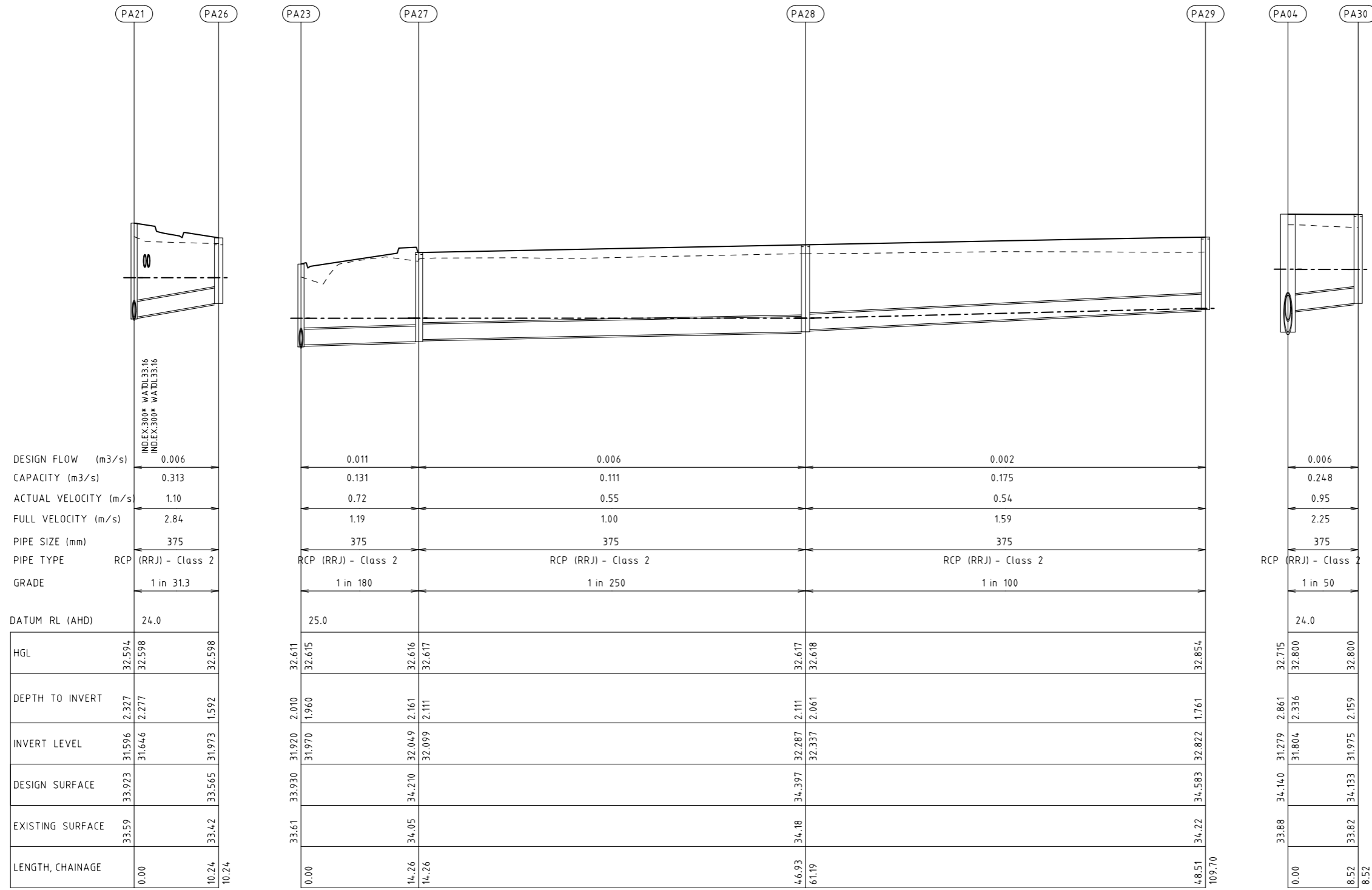
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Email: victoria@cardno.com.au Web: www.cardno.com.au/victoria

Drawn S.BECKHAM	Client CARDINIA SHIRE COUNCIL	Status FOR APPROVAL
Designed S.BECKHAM	Project PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Checked P.CHATTERLEY	Title DRAINAGE LONGITUDINAL SECTION SHEET 4	Date 02.08.2021
Authorised P.CHATTERLEY		Scale 1:1000
		Size A3
		Drawing Number V191441-CI-DG-7254
		Revision 3

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:08:08 PM

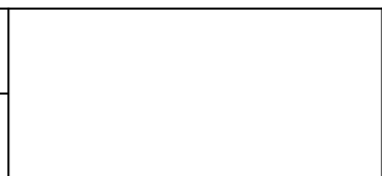
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Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn: S.BECKHAM
 Designed: S.BECKHAM
 Checked: P.CHATTERLEY
 Authorised: P.CHATTERLEY

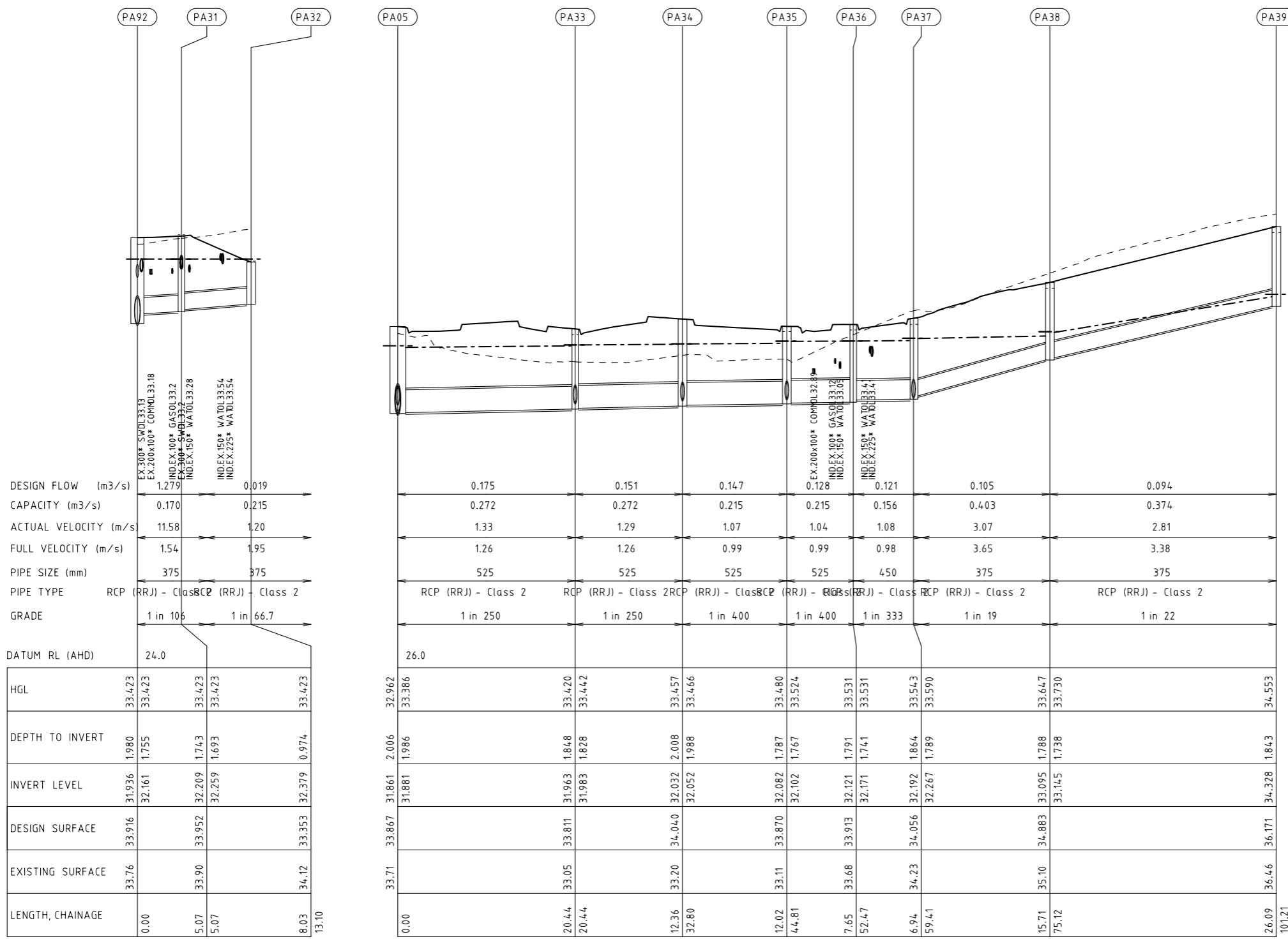
Client: CARDINIA SHIRE COUNCIL
 Project: CSC
 PART B - BAYVIEW ROAD
 BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
 Title: DRAINAGE LONGITUDINAL SECTION
 SHEET 5

Status: **FOR APPROVAL**
 NOT TO BE USED FOR CONSTRUCTION PURPOSES
 Date: 02.08.2021 Scale: 1:1000 Size: A3
 Drawing Number: V191441-CI-DG-7255
 Revision: 3

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:08:11 PM

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Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

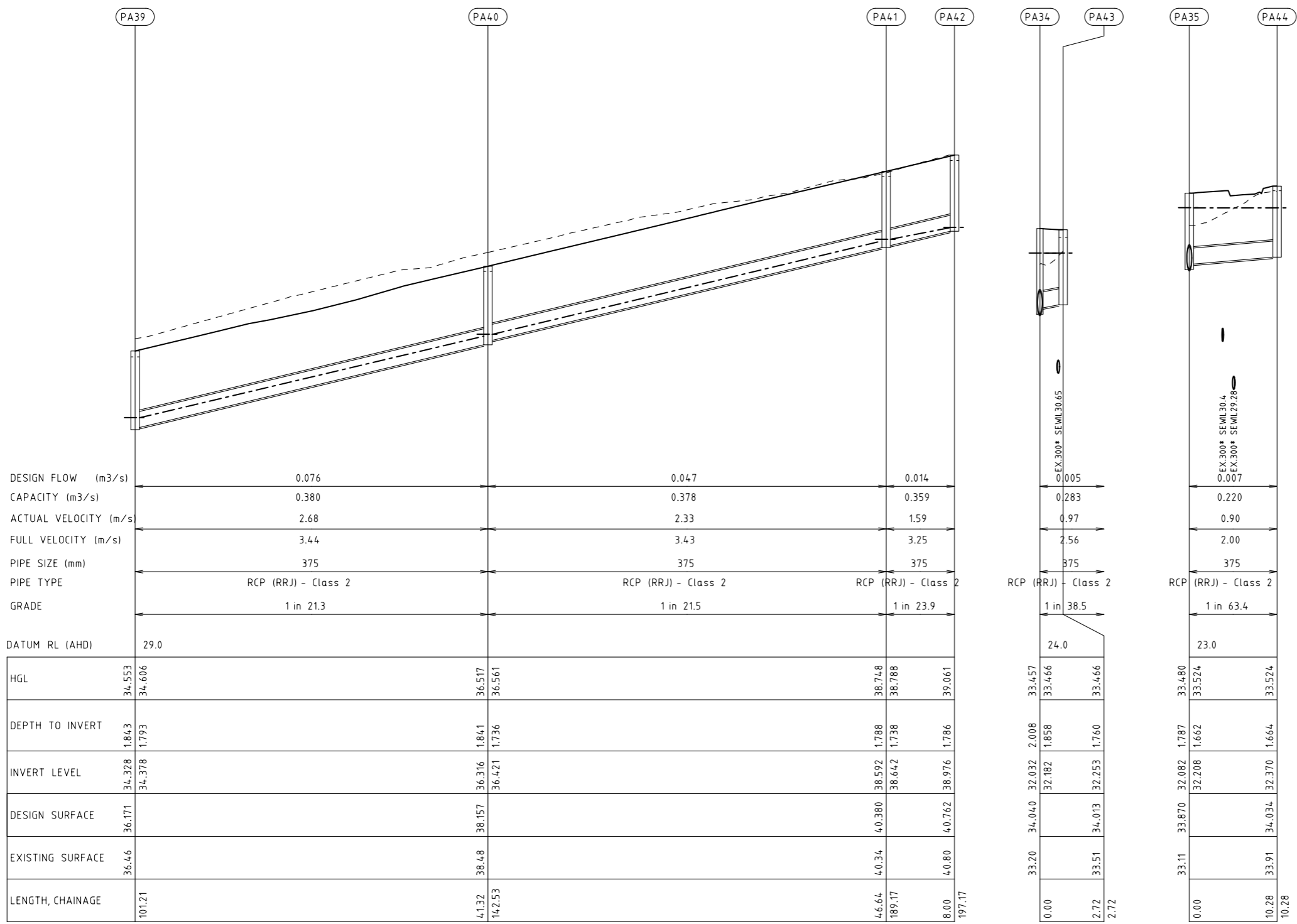
Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	DRAINAGE LONGITUDINAL SECTION SHEET 6

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	02.08.2021	Scale	1:1000
Drawing Number	V191441-CI-DG-7256	Size	A3
Revision			3

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:08:13 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-7257.dgn

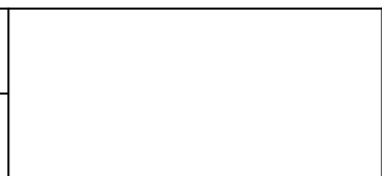


Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

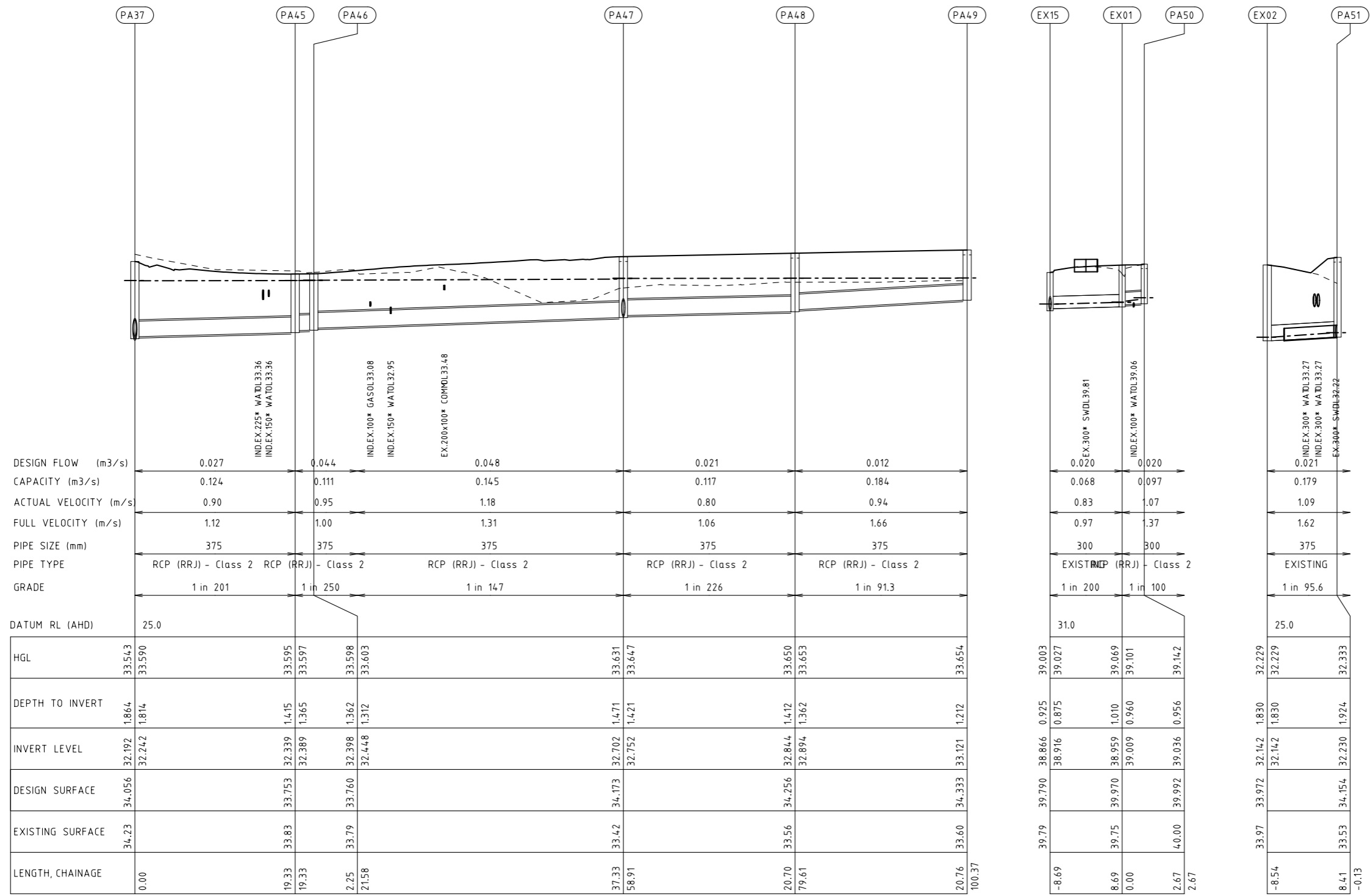
Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	DRAINAGE LONGITUDINAL SECTION SHEET 7

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	02.08.2021	Scale	1:1000
Drawing Number	V191441-CI-DG-7257	Sheet	A3
Revision		Number	3

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:08:16 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-7258.dgn



DESIGN FLOW (m³/s)	0.027	0.044	0.048	0.021	0.012	0.020	0.020	0.021
CAPACITY (m³/s)	0.124	0.111	0.145	0.117	0.184	0.068	0.097	0.179
ACTUAL VELOCITY (m/s)	0.90	0.95	1.18	0.80	0.94	0.83	0.07	1.09
FULL VELOCITY (m/s)	1.12	1.00	1.31	1.06	1.66	0.97	1.37	1.62
PIPE SIZE (mm)	375	375	375	375	375	300	300	375
PIPE TYPE	RCP (RRJ) - Class 2	RCP (RRJ) - Class 2	RCP (RRJ) - Class 2	RCP (RRJ) - Class 2	RCP (RRJ) - Class 2	EXISTING RCP (RRJ) - Class 2	EXISTING RCP (RRJ) - Class 2	EXISTING
GRADE	1 in 201	1 in 250	1 in 147	1 in 226	1 in 91.3	1 in 200	1 in 100	1 in 95.6
DATUM RL (AHD)	25.0					31.0		25.0
HGL	33.543	33.595	33.598	33.631	33.650	39.003	39.027	32.229
DEPTH TO INVERT	1.864	1.415	1.362	1.471	1.412	0.825	0.875	1.830
INVERT LEVEL	32.192	32.339	32.398	32.702	32.844	38.916	38.959	32.142
DESIGN SURFACE	34.056	33.753	33.760	34.173	34.256	39.790	39.970	33.972
EXISTING SURFACE	34.23	33.83	33.79	33.42	33.56	39.79	39.75	33.97
LENGTH, CHAINAGE	0.00	19.33	21.58	37.33	58.91	-8.69	8.69	-8.54

Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn: S.BECKHAM
 Designed: S.BECKHAM
 Checked: P.CHATTERLEY
 Authorised: P.CHATTERLEY

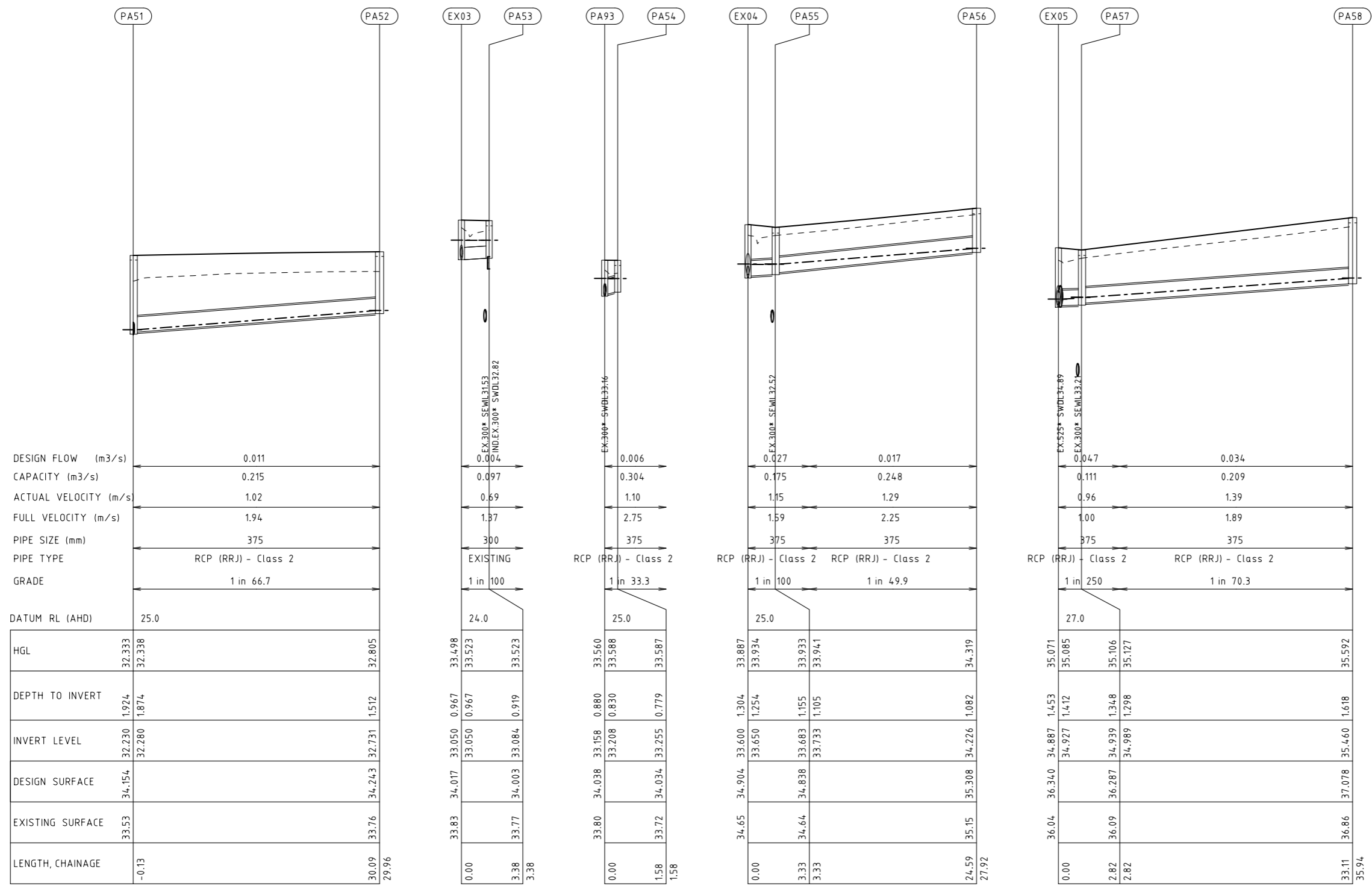
Client: CARDINIA SHIRE COUNCIL
 Project: CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
 Title: DRAINAGE LONGITUDINAL SECTION SHEET 8

Status: **FOR APPROVAL**
 NOT TO BE USED FOR CONSTRUCTION PURPOSES
 Date: 02.08.2021 Scale: 1:1000 Size: A3
 Drawing Number: V191441-CI-DG-7258 Revision: 3

BY: \$USERS

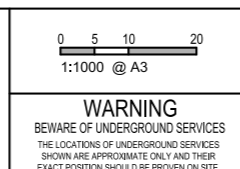
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Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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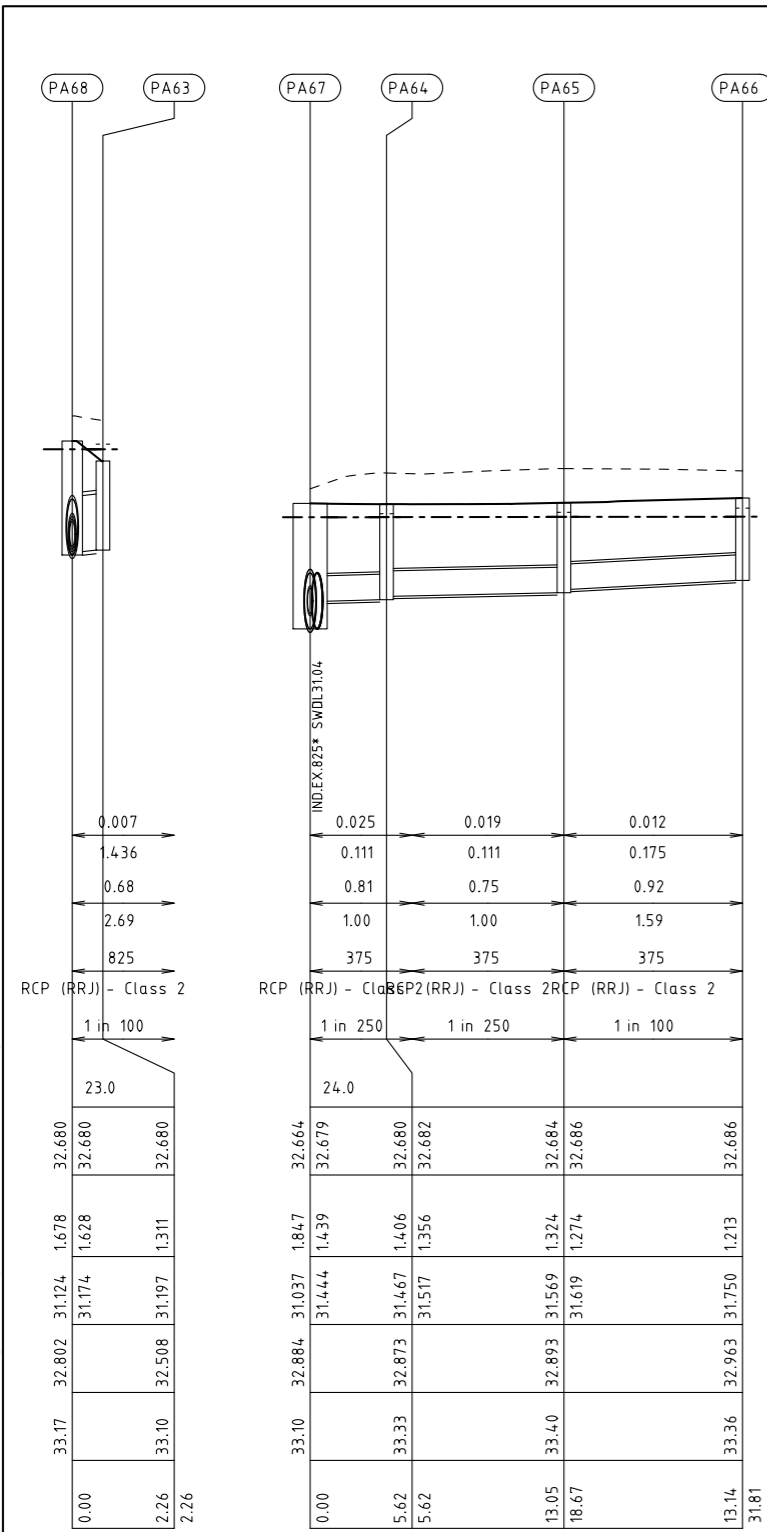


Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	DRAINAGE LONGITUDINAL SECTION SHEET 9
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	02.08.2021
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-7259
		Revision	3

BY: \$USERS\$

DATE PLOTTED: 22/10/2021 4:08:22 PM

CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\Civil\Drafting\Part B - Bayview Road\191441-CI-DG-7260.dgn



Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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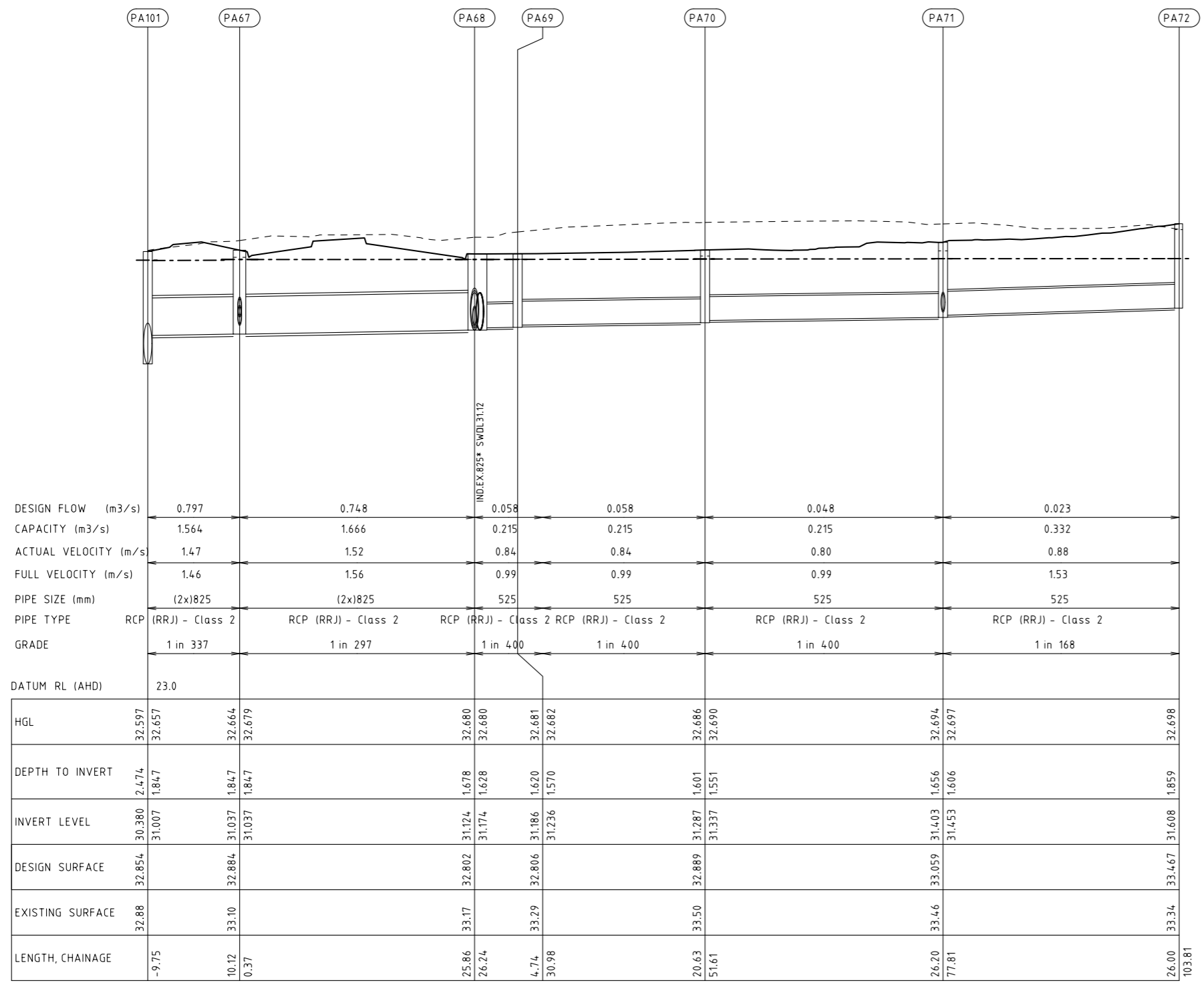


Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	DRAINAGE LONGITUDINAL SECTION SHEET 10
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	02.08.2021
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-7260
		Revision	3

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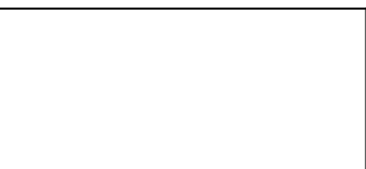


Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

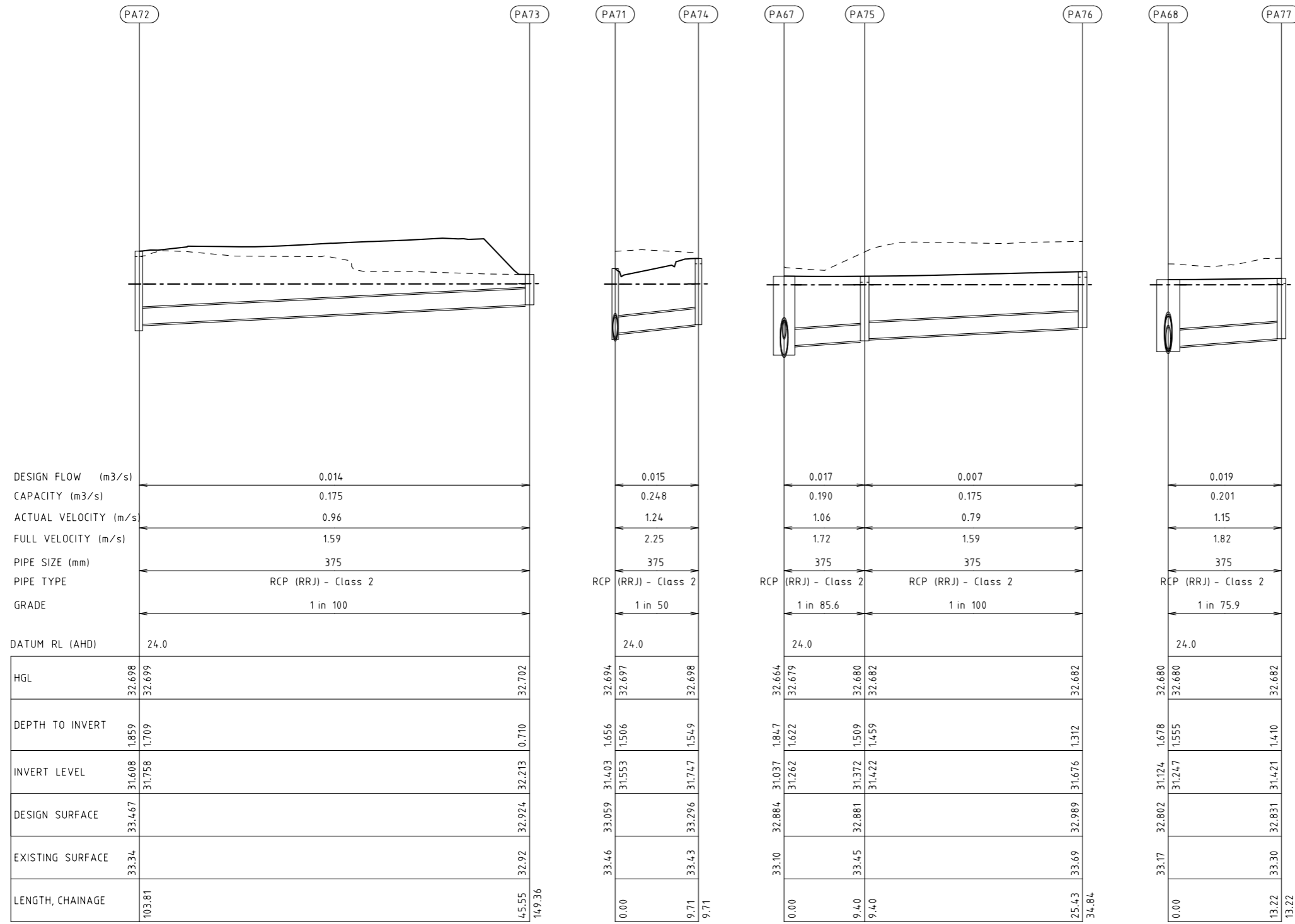
Client	CARDINIA SHIRE COUNCIL
Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title	DRAINAGE LONGITUDINAL SECTION SHEET 11

Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	02.08.2021	Scale	1:1000
Drawing Number	V191441-CI-DG-7261	Size	A3
Revision			3

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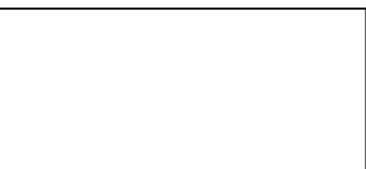


Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn	S.BECKHAM
Designed	S.BECKHAM
Checked	P.CHATTERLEY
Authorised	P.CHATTERLEY

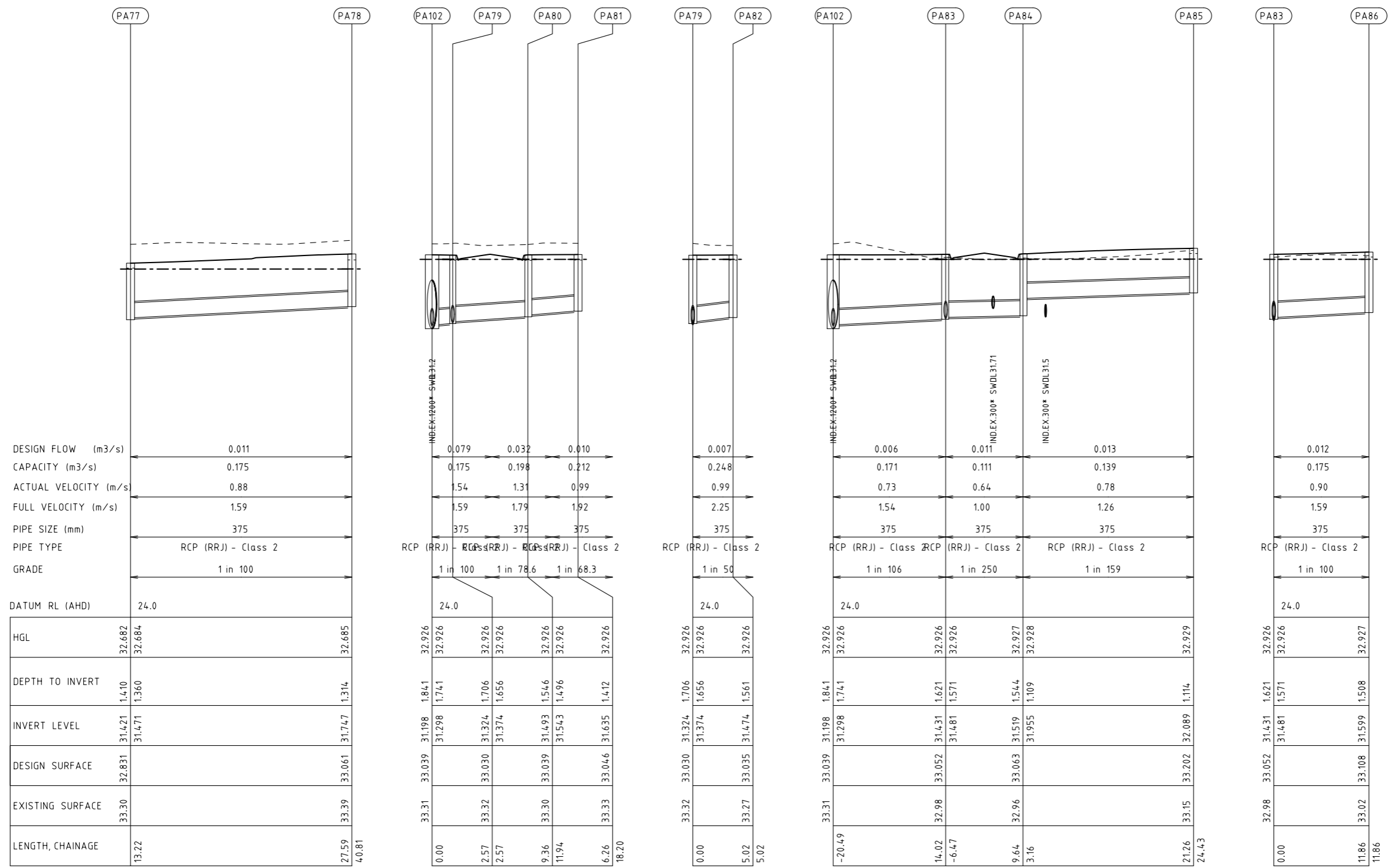
Client **CARDINIA SHIRE COUNCIL**
 Project CSC
 PART B - BAYVIEW ROAD
 BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
 Title DRAINAGE LONGITUDINAL SECTION
 SHEET 12

Status	FOR APPROVAL		
	NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Date	02.08.2021	Scale	1:1000
Drawing Number	V191441-CI-DG-7262	Size	A3
Revision			3

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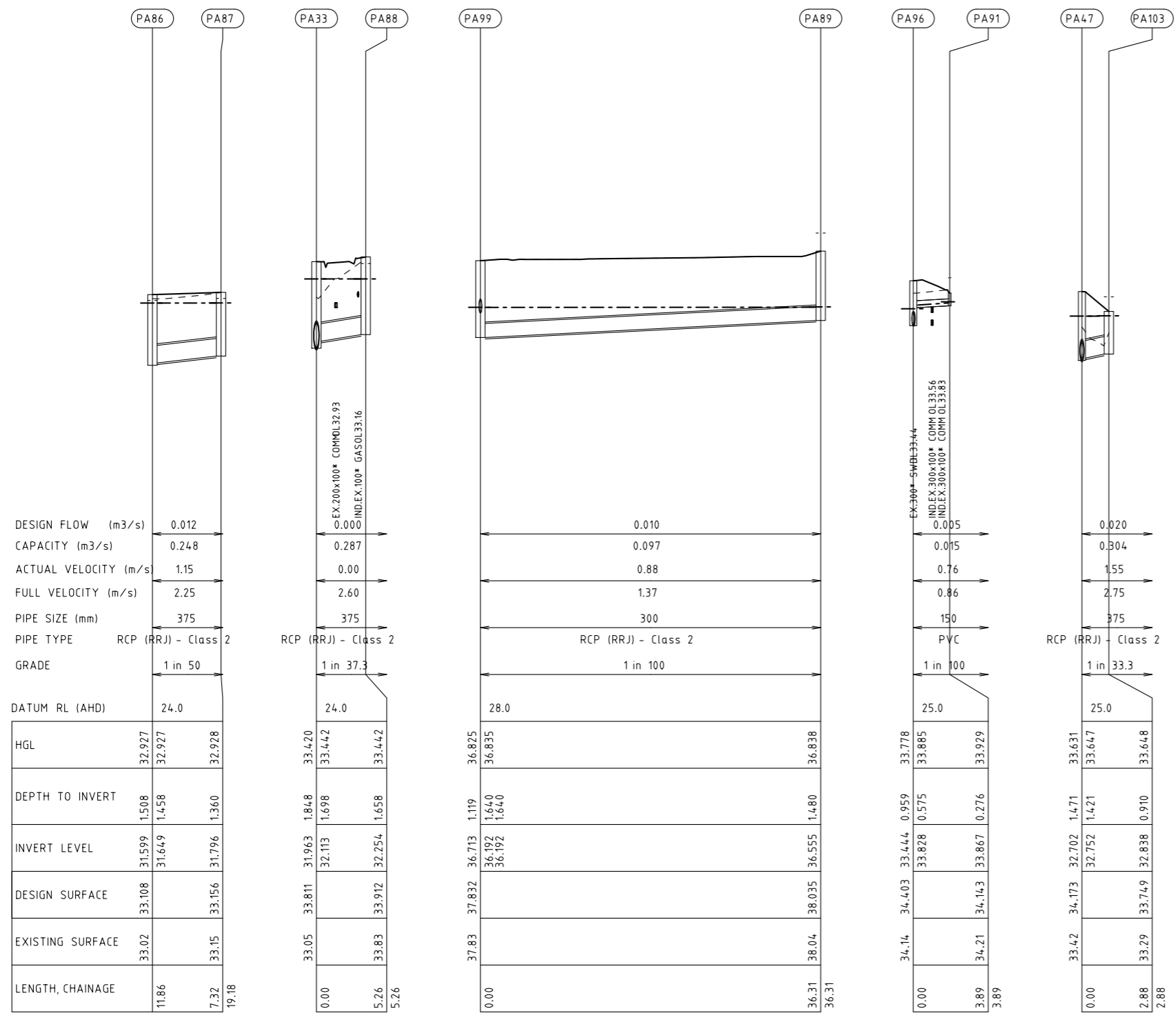


Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	DRAINAGE LONGITUDINAL SECTION SHEET 13
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	02.08.2021
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-7263
		Revision	3

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3	22.10.21	ISSUE FOR TENDER	SB	PC
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Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	DRAINAGE LONGITUDINAL SECTION SHEET 14
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES
		Date	02.08.2021
		Scale	1:1000
		Size	A3
		Drawing Number	V191441-CI-DG-7264
		Revision	3

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CAD File: M:\2019\1001_1500V191441_CSC_Design_of_6_Intersections\CI\IDrafting\Part B - Bayview Road\191441-CI-DG-7265.dgn

PIT NO	LOCATION		TYPE	INTERNAL		PIT COVER LEVEL	DEPTH	PIT SCHEDULE				COMMENTS
	EASTING	NORTHING		WD	LEN			INLET		OUTLET		
								DIA	INV LEV	DIA	INV LEV	
MW3	360058.831	5786358.314	EX GP	3000	3000	32.550	2.34	900	30.215			
MW4	360106.753	5786530.238	JP	1000	1000	39.052	2.09	300	37.015	900	36.965	
PA01	360064.981	5786359.945	GP	1300	1500	33.206	2.92	900	30.337	900	30.287	1000x1500 GRATED PIT, REFER VICROADS SD 1421.
PA02	360068.361	5786378.307	SEP	750	1500	33.470	2.82	900	30.705	900	30.655	USE HEAVY DUTY PIT COVER.REFER VICROADS SD 1301
								450	31.105			
								375	31.180			
PA03	360071.864	5786390.203	SEP	750	1200	33.932	3.02	900	30.967	900	30.917	REFER VICROADS SD 1301
								375	31.442			
PA04	360075.818	5786408.173	GSEP	750	1800	34.140	2.81	2x1600	31.629	900	31.329	REFER VICROADS SD 1321
								375	31.854			
PA05	360079.720	5786424.344	JP	1500	1800	33.867	1.96	375	32.136	(2x)600	31.911	USE HEAVY DUTY PIT COVER.REFER VICROADS SD 1121
								525	31.931			
								600	31.961			
PA06	360078.190	5786430.044	SEP	750	1000	33.805	1.63	375	32.221	375	32.171	REFER VICROADS SD 1301
PA07	360077.270	5786436.817	SEP	750	1000	33.933	1.61	375	32.395	375	32.327	REFER VICROADS SD 1301
PA08	360075.098	5786452.992	SEP	750	1000	34.907	1.78	375	33.180	375	33.130	REFER VICROADS SD 1301
PA09	360075.991	5786475.894	SEP	750	1000	36.283	1.79			375	34.494	REFER VICROADS SD 1301
PA10	360110.031	5786382.101	SEP	750	1000	34.002	1.89	450	32.161	450	32.111	REFER VICROADS SD 1301
PA11	360134.206	5786376.956	SEP	750	1000	34.124	1.85	375	32.340	450	32.278	REFER VICROADS SD 1301
PA12	360158.842	5786371.600	SEP	750	1000	34.248	1.81	375	32.491	375	32.441	REFER VICROADS SD 1301
PA13	360176.724	5786369.724	SEP	750	1000	34.457	1.83	375	32.674	375	32.624	REFER VICROADS SD 1301
PA14	360194.985	5786367.323	SEP	750	1000	34.739	1.84	375	32.946	375	32.896	REFER VICROADS SD 1301
PA15	360227.440	5786360.200	SEP	750	1000	35.480	1.98	375	33.554	375	33.504	REFER VICROADS SD 1301
PA16	360260.076	5786352.784	SEP	750	1000	36.504	1.95	375	34.601	375	34.551	REFER VICROADS SD 1301
PA20	360057.625	5786375.594	SEP	750	1000	33.288	1.77			375	31.516	USE HEAVY DUTY PIT COVER.REFER VICROADS SD 1301
PA21	360059.185	5786392.956	SEP	750	1000	33.923	2.33	375	31.646	375	31.596	REFER VICROADS SD 1301
								375	31.646			
PA22	360032.519	5786398.745	SEP	750	1000	33.910	2.13	375	31.832	375	31.782	REFER VICROADS SD 1301
PA23	360019.661	5786401.399	JP	750	1000	33.930	2.01	375	31.970	375	31.920	REFER VICROADS SD 1121
								375	31.970			
PA24	360008.499	5786399.095	GP	750	1000	33.500	1.42	375	32.135	375	32.085	REFER VICROADS SD 1421
PA25	360001.463	5786405.790	SEP	750	1000	34.045	1.62			375	32.428	REFER VICROADS SD 1301
PA26	360054.720	5786383.763	SEP	750	1000	33.565	1.59			375	31.973	REFER VICROADS SD 1301
PA27	360021.476	5786415.536	SEP	750	1000	34.210	2.16	375	32.099	375	32.049	REFER VICROADS SD 1321
PA28	359975.617	5786425.507	GSEP	750	1000	34.397	2.11	375	32.337	375	32.287	REFER VICROADS SD 1321
PA29	359928.214	5786435.813	GSEP	750	1000	34.583	1.76			375	32.822	REFER VICROADS SD 1321
PA30	360067.497	5786409.982	GSEP	750	1000	34.133	2.11			375	32.024	REFER VICROADS SD 1321
PA31	360083.351	5786428.760	JP	750	1000	33.952	1.74	375	32.259	375	32.209	CONSTRUCT JUNCTION PIT ON EXISTING PIPE AND MATCH PROPOSED FOOTPATH LEVEL, REMOVE EXISTING DOWNSTREAM PIPE.
								300	33.206			REFER VICROADS SD 1121
PA32	360088.106	5786435.096	GP	1000	1000	33.353	0.97			375	32.379	REFER VICROADS SD 1421
PA33	360059.671	5786428.291	SEP	750	1000	33.811	1.80	525	32.033	525	32.013	REFER VICROADS SD 1301
								375	32.163			
PA34	360047.539	5786430.655	JP	750	1000	34.040	1.96	525	32.102	525	32.082	REFER VICROADS SD 1121
								375	32.232			
PA35	360035.721	5786432.809	SEP	1000	1000	33.870	1.74	525	32.152	525	32.132	REFER VICROADS SD 1301
								375	32.208			
PA36	360034.436	5786440.291	SEP	750	1000	33.913	1.74	450	32.221	525	32.171	REFER VICROADS SD 1301
PA37	360033.433	5786447.160	JP	750	1000	34.056	1.81	375	32.317	450	32.242	USE HEAVY DUTY PIT COVER.REFER VICROADS SD 1121
								375	32.292			
PA38	360044.783	5786457.800	SEP	750	1000	34.883	1.79	375	33.145	375	33.095	REFER VICROADS SD 1301
PA39	360052.303	5786482.782	SEP	750	1000	36.171	1.84	375	34.378	375	34.328	REFER VICROADS SD 1301
PA40	360067.583	5786521.173	SEP	750	1000	38.157	1.84	375	36.421	375	36.316	REFER VICROADS SD 1301
PA41	360089.571	5786562.308	SEP	750	1000	40.380	1.79	375	38.642	375	38.592	REFER VICROADS SD 1301
PA42	360093.350	5786569.359	SEP	750	1000	40.762	1.79			375	38.976	REFER VICROADS SD 1301
PA43	360046.651	5786428.144	SEP	750	1000	34.013	1.76			375	32.253	REFER VICROADS SD 1301
PA44	360025.959	5786430.146	SEP	750	1000	34.034	1.66			375	32.370	REFER VICROADS SD 1301
PA45	360014.217	5786445.079	SEP	750	1000	33.753	1.31	375	32.494	375	32.444	REFER VICROADS SD 1301
PA46	360011.980	5786444.860	SEP	750	1000	33.760	1.26	375	32.553	375	32.503	REFER VICROADS SD 1301
PA47	359974.669	5786444.236	SEP	750	1000	34.173	1.47	375	32.752	375	32.702	REFER VICROADS SD 1301
								375	32.752			
PA48	359954.437	5786448.635	SEP	750	1000	34.264	1.40	375	32.914	375	32.864	REFER VICROADS SD 1301
PA49	359934.154	5786453.044	SEP	750	1000	34.333	1.21			375	33.121	REFER VICROADS SD 1301
PA50	360098.213	5786548.206	SEP	750	1000	39.992	0.96			300	39.036	REFER VICROADS SD 1301
PA51	359970.432	5786412.563	SEP	750	1000	34.154	1.92	375	32.280	375	32.230	REFER VICROADS SD 1301
PA52	359941.225	5786419.796	SEP	750	1000	34.243	1.51			375	32.731	USE HEAVY DUTY PIT COVER.REFER VICROADS SD 1301
PA53	360097.592	5786417.142	SEP	750	1000	34.003	0.92			300	33.084	USE HEAVY DUTY PIT COVER.EXISTING INVERT LEVEL TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION, REFER VR SD 1301.
PA54	360105.505	5786416.839	SEP	750	1000	34.034	0.78			375	33.255	REFER VICROADS SD 1301
PA55	360172.585	5786401.034	SEP	750	1000	34.838	1.16	375	33.733	375	33.683	REFER VICROADS SD 1301
PA56	360196.601	5786395.754	SEP	750	1000	35.308	1.08			375	34.226	REFER VICROADS SD 1301
PA57	360237.696	5786386.787	SEP	750	1000	36.287	1.35	375	34.989	375	34.939	REFER VICROADS SD 1301

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Drawn S.BECKHAM	Client CARDINIA SHIRE COUNCIL	Status FOR APPROVAL
Designed S.BECKHAM	Project CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Checked P.CHATTERLEY	Title PIT SCHEDULE SHEET 1	Date 02.08.2021
Authorised P.CHATTERLEY	Drawing Number V191441-CI-DG-7265	Scale 1:1000
		Sheet A3
		Revision 3

BY: SUSEFS

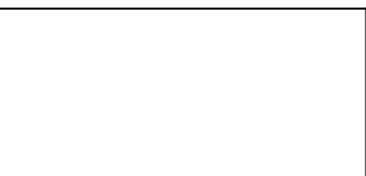
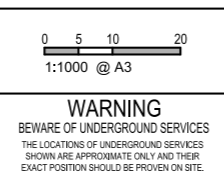
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PIT NO	LOCATION		TYPE	INTERNAL		PIT COVER LEVEL	DEPTH	INLET		OUTLET		COMMENTS
	EASTING	NORTHING		WD	LEN			DIA	INV LEV	DIA	INV LEV	
	PA58	360270.039		5786379.683	SEP			750	1000	37.078	1.55	
PA59	360306.515	5786371.701	SEP	750	1000	37.924	1.52			375	36.404	REFER VICROADS SD 1301
PA60	360349.374	5786362.348	SEP	750	1000	38.752	1.63			375	37.125	REFER VICROADS SD 1301
PA61	360383.993	5786355.840	SEP	750	1000	39.073	1.65			375	37.421	REFER VICROADS SD 1301
PA62	360417.268	5786350.725	SEP	750	1000	39.284	1.39			375	37.898	REFER VICROADS SD 1301
PA63	360012.339	5786309.973	GP	1000	1000	32.508	1.31			825	31.197	REFER VICROADS SD 1421
PA64	360038.890	5786304.307	SEP	750	1000	32.873	1.41	375	31.517	375	31.467	REFER VICROADS SD 1301
PA65	360041.203	5786317.151	SEP	750	1000	32.893	1.32	375	31.619	375	31.569	REFER VICROADS SD 1301
PA66	360043.324	5786330.115	SEP	750	1000	32.963	1.21			375	31.750	REFER VICROADS SD 1301
PA67	360037.973	5786298.763	SEP	1400	2500	32.884	1.85	375	31.444			CONSTRUCT PIT ON EXISTING PIPE AND DUPLICATE PIPE.REFER VICROADS SD 1301
								2x)825	31.037	(2x)825	31.037	
								375	31.262			
PA68	360014.441	5786309.497	SEP	1400	2700	32.802	1.68	825	31.174			CONSTRUCT PIT ON EXISTING PIPE AND DUPLICATE PIPE.REFER VICROADS SD 1301
								525	31.174	(2x)825	31.124	
								375	31.247			
								825	31.124			
PA69	360015.526	5786314.113	SEP	750	1000	32.806	1.62	525	31.236	525	31.186	REFER VICROADS SD 1301
PA70	360018.846	5786334.473	SEP	750	1000	32.889	1.60	525	31.337	525	31.287	REFER VICROADS SD 1301
PA71	360017.590	5786360.634	SEP	750	1000	33.059	1.66	525	31.453	525	31.403	REFER VICROADS SD 1301
								375	31.553			
PA72	360014.091	5786386.398	SEP	750	1000	33.467	1.86	375	31.758	525	31.608	REFER VICROADS SD 1301
PA73	359970.543	5786399.647	GP	750	1000	32.924	0.71			375	32.213	REFER VICROADS SD 1421
PA74	360026.414	5786364.474	SEP	750	1000	33.296	1.55			375	31.747	REFER VICROADS SD 1301
PA75	360035.251	5786289.761	SEP	750	1000	32.881	1.51	375	31.422	375	31.372	REFER VICROADS SD 1301
PA76	360027.120	5786265.663	SEP	750	1000	32.989	1.31			375	31.676	REFER VICROADS SD 1301
PA77	360012.628	5786296.402	SEP	750	1000	32.831	1.41	375	31.471	375	31.421	REFER VICROADS SD 1301
PA78	360011.346	5786268.846	SEP	750	1000	33.061	1.31			375	31.747	REFER VICROADS SD 1301
PA79	359999.400	5786164.451	SEP	750	1000	33.030	1.71	375	31.374	375	31.324	REFER VICROADS SD 1301
								375	31.374			
PA80	359991.212	5786168.986	SEP	750	1000	33.039	1.55	375	31.543	375	31.493	REFER VICROADS SD 1301
PA81	359994.400	5786174.369	SEP	750	1000	33.046	1.41			375	31.635	REFER VICROADS SD 1301
PA82	360001.823	5786168.843	SEP	750	1000	33.035	1.56			375	31.474	REFER VICROADS SD 1301
PA83	359989.952	5786153.585	SEP	750	1000	33.052	1.62	375	31.481	375	31.431	REFER VICROADS SD 1301
								375	31.481			
PA84	359983.424	5786160.671	SEP	750	1000	33.063	1.54	375	31.955	375	31.519	REFER VICROADS SD 1301
PA85	359964.003	5786152.094	SEP	750	1000	33.202	1.11			375	32.089	REFER VICROADS SD 1301
PA86	359980.048	5786147.074	JP	750	1000	33.108	1.51	375	31.649	375	31.599	REFER VICROADS SD 1121
PA87	359973.155	5786144.623	SEP	750	1000	33.156	1.36			375	31.796	REFER VICROADS SD 1301
PA88	360061.132	5786433.344	SEP	750	1000	33.912	1.66			375	32.254	REFER VICROADS SD 1301
PA89	360436.722	5786309.942	SEP	750	1000	38.522	1.38			300	37.138	REFER VICROADS SD 1301
PA90	360376.796	5786340.164	SEP	750	1000	39.101	1.43			300	37.672	REFER VICROADS SD 1301
PA91	360145.881	5786412.199	GP	260	290	34.143	0.28			150	33.867	REFER VICROADS SD 1401
PA92	360082.194	5786423.824	JP	1500	1000	33.916	1.93	375	32.189	600	31.986	CONFIRM EXISTING IL ON SITE PRIOR TO CONSTRUCTION.REFER VICROADS SD 1121
								2x)300	33.000			
PA93	360105.630	5786418.414	JP	750	1000	34.038	0.88	375	33.208	(2x)300	33.158	CONSTRUCT JP ON EXISTING PIPE,REFER VICROADS SD 1121
								2x)300	33.158			
PA94	360118.388	5786415.685	SEP	750	1000	34.090	0.86	2x)300	33.234	(2x)300	33.234	CONSTRUCT SEP ON EXISTING PIPE,REFER VICROADS SD 1301
PA95	360129.452	5786413.198	SEP	750	1000	34.167	0.85	2x)300	33.317	(2x)300	33.317	CONSTRUCT SEP ON EXISTING PIPE,REFER VICROADS SD 1301
PA96	360142.321	5786411.374	JP	750	1000	34.403	0.96	150	33.828	(2x)300	33.444	CONSTRUCT JP ON EXISTING PIPE,REFER VICROADS SD 1121
								2x)300	33.444			
PA97	360106.125	5786526.791	JP	1200	1500	38.972	2.09	900	36.930	900	36.880	
PA98	360122.242	5786619.256	SEP	750	1000	43.440	0.93			300	42.512	RECONSTRUCT PIT BEHIND PROPOSED KERB,REFER VICROADS SD 1301.
PA101	360047.141	5786294.507	GP	1000	1000	32.704	2.32	2x)825	31.007	900	30.380	CONSTRUCT BESIDE EXISTING PIT,REFER VICROADS SD 1121.
PA102	360000.702	5786162.306	JP	1500	1500	33.039	1.84	375	31.298	1220	31.198	CONSTRUCT PIT ON EXISTING PIPE,REFER VICROADS SD 1121.
								375	31.298			
PA103	359975.282	5786447.045	GP	1000	1000	33.861	1.02			375	32.839	REFER VICROADS SD 1421
PA104	360105.139	5786520.637	JP	1350	1500	38.595	1.84	525	36.808	300	36.757	
								900	36.818			
PA105	360101.230	5786521.299	GP	1500	1500	37.862	1.03			525	36.828	
EX01	360100.733	5786547.768	JP	750	1000	39.970	1.01	300	39.009	300	38.959	CONVERT EXISTING SEP TO JP,EXISTING INVERT LEVEL TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.REFER VR SD 1121.
EX03	360097.734	5786420.513	JP	750	1000	34.017	0.97	300	33.050	(2x)300	33.050	CONVERT EXISTING SEP TO JP,REFER VICROADS SD 1121.
								2x)300	33.110			
EX04	360173.312	5786404.280	JP	750	1000	34.904	1.30	375	33.650	(2x)300	33.600	CONNECT TO EXISTING PIT AND CONVERT EXISTING SEP TO JP.REFER VICROADS SD 1121.
								534	33.670			
EX05	360238.166	5786389.568	JP	750	1000	36.340	1.45	375	34.927	534	34.887	CONNECT TO EXISTING PIT AND CONVERT EXISTING SEP TO JP,EXISTING INVERT LEVEL TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.REFER VICROADS SD 1121.
								375	34.937			
EX11	360090.685	5786427.618	JP	750	1000	33.877	0.57	300	33.400	300	33.310	CONVERT EXISTING SEP TO JP,REFER VICROADS SD 1121.
EX12	360095.099	5786456.295	JP	750	1000	35.068	0.65	300	34.460	300	34.420	CONVERT EXISTING SEP TO JP,REFER VICROADS SD 1121.
EX13	360097.964	5786474.439	JP	750	1000	36.066	0.76	300	35.340	300	35.310	CONVERT EXISTING SEP TO JP,REFER VICROADS SD 1121.
EX15	360109.316	5786546.386	JP	750	1000	39.790	0.93	300	38.916	300	38.866	CONVERT EXISTING SEP TO JP,REFER VICROADS SD 1121.

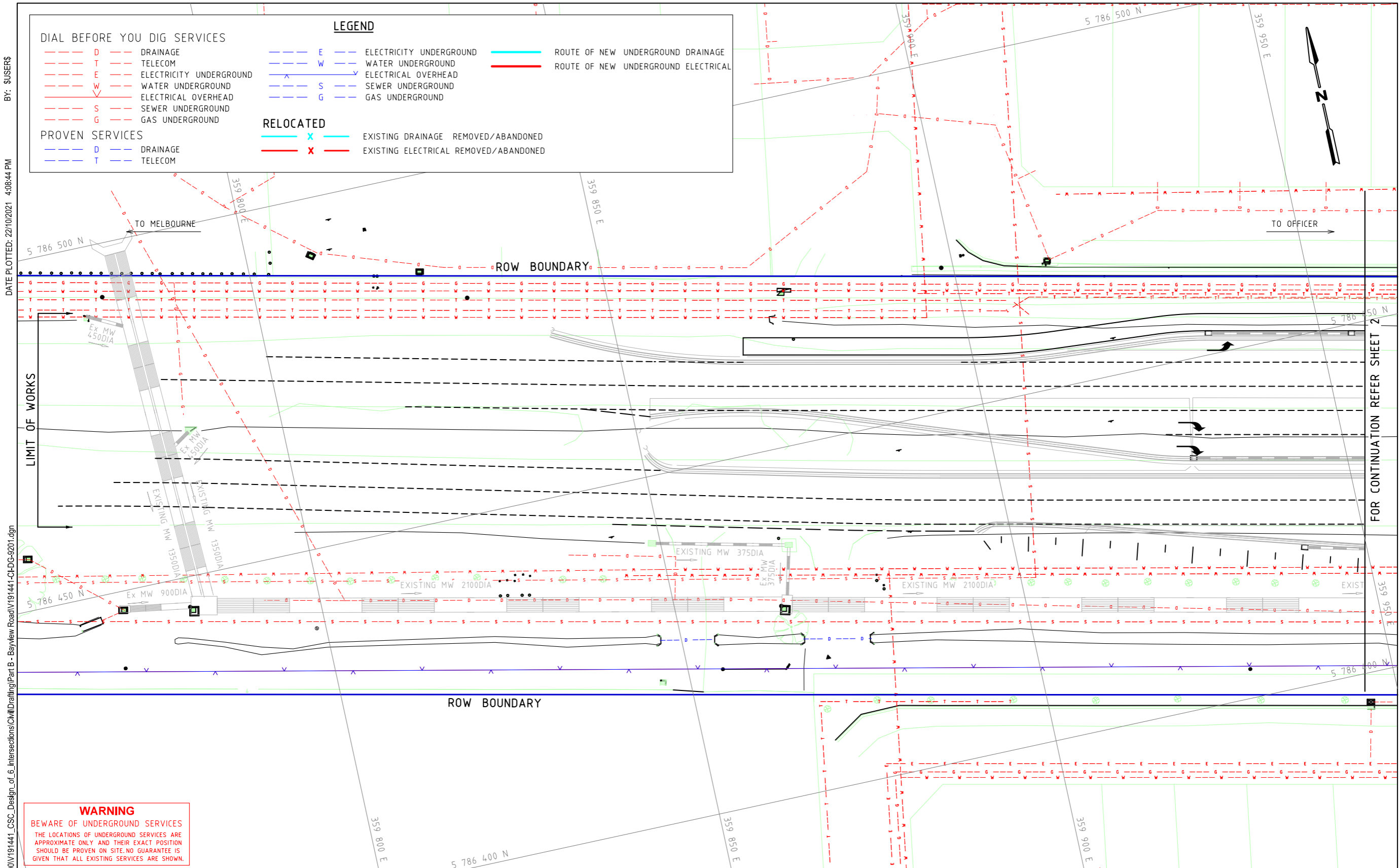
Rev	Date	Description	Drawn	Appr.
3	22.10.21	ISSUE FOR TENDER	SB	PC
2	25.08.21	DETAIL DESIGN ISSUE	SB	PC
1	11.08.21	ISSUE FOR TENDER	SB	PC

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Drawn	S.BECKHAM	Client	CARDINIA SHIRE COUNCIL
Designed	S.BECKHAM	Project	CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Checked	P.CHATTERLEY	Title	PIT SCHEDULE SHEET 2
Authorised	P.CHATTERLEY	Status	FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION PURPOSES

Date	02.08.2021	Scale	1:1000	Size	A3
Drawing Number	V191441-CI-DG-7266	Revision			
					3



BY: SJS/ERS

DATE PLOTTED: 22/10/2021 4:08:44 PM

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Rev	Date	Description	Drawn	Appr.
4	22.10.21	ISSUE FOR TENDER	SB	PC
3	25.08.21	DETAIL DESIGN ISSUE	SB	PC
2	11.08.21	ISSUE FOR TENDER	SB	PC
1	11.02.21	PRELIMINARY ISSUE	SB	PC

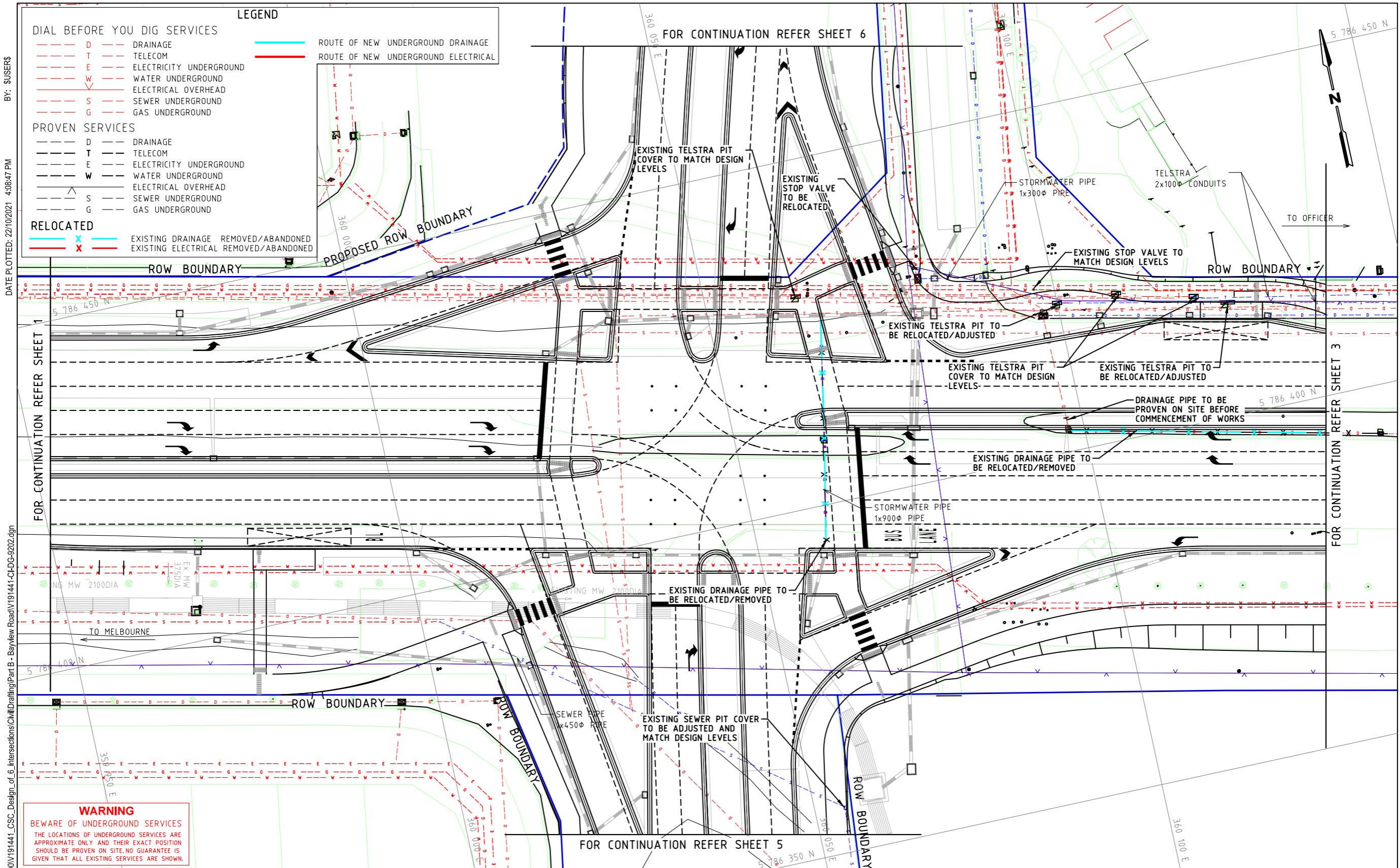
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1:500 @ A3

WARNING
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THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.



Drawn S.BECKHAM	Client CARDINIA SHIRE COUNCIL	Status FOR APPROVAL
Designed S.BECKHAM	Project CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Checked P.CHATTERLEY	Title SERVICE COORDINATION PLAN SHEET 1	Date 10.06.2020
Authorised P.CHATTERLEY		Scale 1:500
		Size A3
		Revision 4
		Drawing Number V191441-CI-DG-9201



BY: S.USERS
DATE PLOTTED: 22/10/2021 4:08:47 PM

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Rev	Date	Description	Drawn	Appr.
4	22.10.21	ISSUE FOR TENDER	SB	PC
3	25.08.21	DETAIL DESIGN ISSUE	SB	PC
2	11.08.21	ISSUE FOR TENDER	SB	PC
1	11.02.21	PRELIMINARY ISSUE	SB	PC

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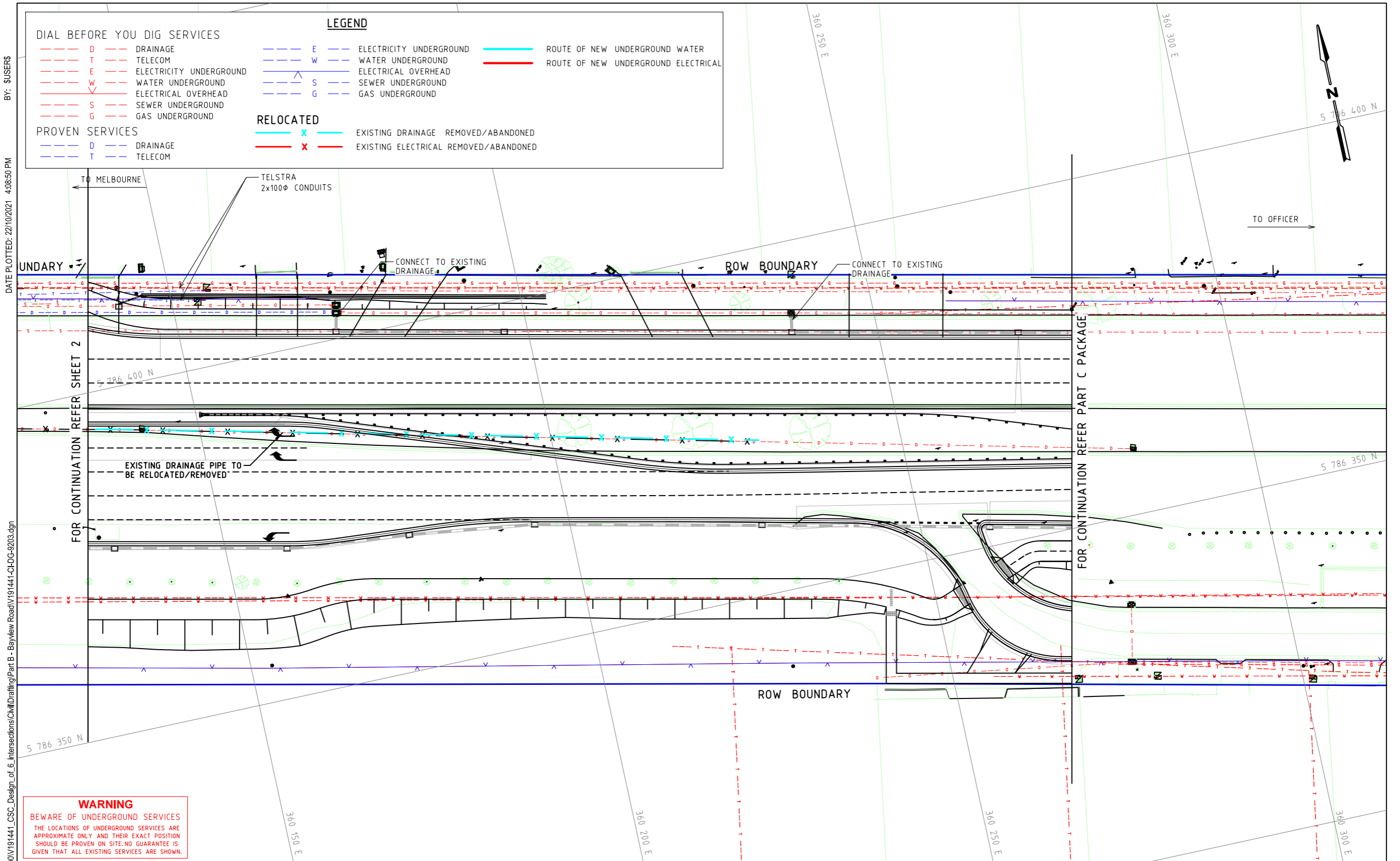
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Drawn: S.BECKHAM
Designed: S.BECKHAM
Checked: P.CHATTERLEY
Authorised: P.CHATTERLEY

Client: CARDINIA SHIRE COUNCIL
Project: CSC PART B - BAYVIEW ROAD BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title: SERVICE COORDINATION PLAN SHEET 2

Status: **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION PURPOSES
Date: 10.06.2020 Scale: 1:500 Size: A3
Drawing Number: V191441-CI-DG-9202 Revision: 4



BY: SUSERS
DATE PLOTTED: 22/10/2021 4:08:50 PM

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Rev	Date	Description	Drawn	Appr.
4	22.10.21	ISSUE FOR TENDER	SB	PC
3	25.08.21	DETAIL DESIGN ISSUE	SB	PC
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WARNING
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Drawn: S.BECKHAM
Designed: S.BECKHAM
Checked: P.CHATTERLEY
Authorised: P.CHATTERLEY

Client: CARDINIA SHIRE COUNCIL
Project: CSC
PART B - BAYVIEW ROAD
BAYVIEW ROAD & PRINCES HIGHWAY INTERSECTION
Title: SERVICE COORDINATION PLAN
SHEET 3

Status: **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION PURPOSES
Date: 10.06.2020 Scale: 1:500 Size: A3
Drawing Number: V191441-CI-DG-9203 Revision: 4