AINSLIE PARK, CROYDON CAR PARK UPGRADE

GENERAL NOTES

- 1. ALL LEVELS AND COORDINATES ARE TO A.H.D. AND MGA
- 2. THE CONTRACTOR SHALL SETOUT THE WORKS FROM THE NOMINATED REFERENCE LINES, SURVEY MARKS AND CONTROL POINTS SHOWN ON THE PLANS AND TO THE SPECIFIED DETAILS.
- 3. THE CONTRACTOR SHALL MAINTAIN AND PROTECT THE SURVEY MARKS FOR THE DURATION OF THE CONTRACT.
- 4. THE EDGES OF EXCAVATIONS IN BITUMINOUS AND/OR CONCRETE PAVEMENT ARE TO BE SAW CUT TO SUFFICIENT DEPTH (MINIMUM 200mm) TO PREVENT ANY OVERBREAK, LIFTING OR DAMAGE TO THE ADJACENT PAVEMENT.
- 5. ALL EXISTING REDUNDANT CONCRETE, PAVEMENT, SOIL, RUBBISH AND CONSTRUCTION DEBRIS SHALL BE TAKEN UP AND REMOVED FROM SITE.
- 6. PRIOR TO COMPLETION THE CONTRACTOR SHALL ENSURE THE SITE IS TIDIED AND OBTAIN A CLEARANCE FROM THE SUPERINTENDENT.
- 7. ALL EXISTING TREES WITHIN THE WORKS AREA SHALL BE PROTECTED AT ALL TIMES UNLESS OTHERWISE STATED OR DIRECTED BY COUNCIL'S SUPERINTENDENT.
- 8. TRAFFIC MANAGEMENT SHALL BE ARRANGED BY THE CONTRACTOR FOR THE DURATION OF THE WORKS IN ACCORDANCE WITH THE SPECIFICATION AND TO THE SATISFACTION OF THE SUPERINTENDENT, INCLUDING THE PROVISION OF ALL NECESSARY SIGNAGE, LIGHTING AND BARRICADING. TRAFFIC FLOWS IN ALL ABUTTING ROADWAYS AND PROPERTY ACCESS SHALL REMAIN UNIMPEDED FOR THE DURATION OF THE WORKS. ALL TRAFFIC MANAGEMENT WORKS TO BE IN ACCORDANCE WITH AS1742.3 AND THE CODE OF PRACTICE FOR THE ROAD MANAGEMENT ACT 2004.
- 9. ALL DISTURBED AREAS WITHIN THE WORKS LIMIT SHALL BE TOPSOILED (MIN. 100mm DEPTH), CULTIVATED, FERTILISED AND SEEDED WITH AN APPROVED GRASS SEED MIXTURE.
- 10. ALL DEPTHS OF ASPHALT & CRUSHED ROCK FOR NEW PAVEMENT COMPOSITION ARE COMPACTED DEPTHS.
- 11. ALL NEW KERB AND CHANNEL CONSTRUCTION IS TO MATCH IN NEATLY WITH THE EXISTING KERB & CHANNEL.
- 12. THE EXACT LOCATION OF ALL SERVICES SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO EXCAVATING IN THEIR VICINITY. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. EXTREME CAUTION SHALL BE EXERCISED WHEN EXCAVATING IN THE VICINITY OF SERVICES, INCLUDING ELECTRICITY POLES, UNDERGROUND SERVICES, ETC. THE RELEVANT AUTHORITY SHALL BE CONTACTED PRIOR TO EXCAVATING IN CLOSE PROXIMITY TO SERVICES. SERVICE LOCATIONS ARE INDICATIVE ONLY.
- 13. THE CONTRACTOR IS TO SUPPORT ELECTRICITY POLES ALL IN ACCORDANCE WITH RELEVANT SERVICE AUTHORITY REQUIREMENTS.





<u>NOTE:</u> THE APPOINTED CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE COUNCIL, CRE CONSULTING ENGINEERS (CRE) AND ITS EMPLOYEES INCLUDING SUB-CONTRACTORS AGAINST ANY CLAIM FOR INJURY, LOSS OR DAMAGE THAT IS MADE ARISING OUT OF THE NEGLIGENT ACTS OR OMISSIONS OF THE CONTRACTOR. ALL INFORMATION PROVIDED ON THESE PLANS SHALL BE CHECKED BY THE APPOINTED CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. IF THERE ARE ANY ERRORS, PERCEIVED AMBIGUITY OR INFORMATION IS NOT UNDERSTOOD BY THE CONTRACTOR, THEN THE CONTRACTOR SHOULD CONTACT COUNCIL'S SUPERINTENDENT IMMEDIATELY FOR CLARIFICATION. COUNCIL SHOULD BE GIVEN THE OPPORTUNITY AND SUFFICIENT TIME TO INVESTIGATE, PRIOR TO ANY CONSTRUCTION COMMENCING OR CONTINUING. CRE WILL NOT BE HELD RESPONSIBLE OR LIABLE AGAINST ANY CLAIM MADE FOR MISINTERPRETATION OF THE SUPPLIED PLANS.

	TOF EX TELSTRA OPTIC FIBRE	HPG EX HIGH PRESSURE GAS I	MAIN		
	⊺Z- EX TELSTRA CABLE & PIT	STOP VALVE	-TS		
	──── S ──── EX SEWER & PIT	FIRE PLUG	■ TRAFFIC SIGNAL POLE UNCLASSIFIED PIT		
	w ex water main	FIRE HYDRANT (ABOVE GROUND)			
	ABW EX ABANDONED WATER MAIN	FIRE HYDRANT (GROUND LEVEL)			
	G EX GAS MAIN	+ ELECTRICITY SUPPLY POLE	EX. SIGN		
5	ABG EX ABANDONED GAS MAIN	· ← ○ E.S.P. WITH LIGHT			
	E E E EX U/G ELECTRICITY CABLE	+- Light Pole only	EX DRAIN & PIT		
	E E E EX O/H ELECTRICITY CABLE	₩ TELECOM PILLAR	© RUBBISH BIN	r	
	○ ─── EX OPTUS CABLE		😫 PSM 🛆 STN/TBM	NO.	AMENDMENTS
			v ·	110.	

SITE OF WORKS

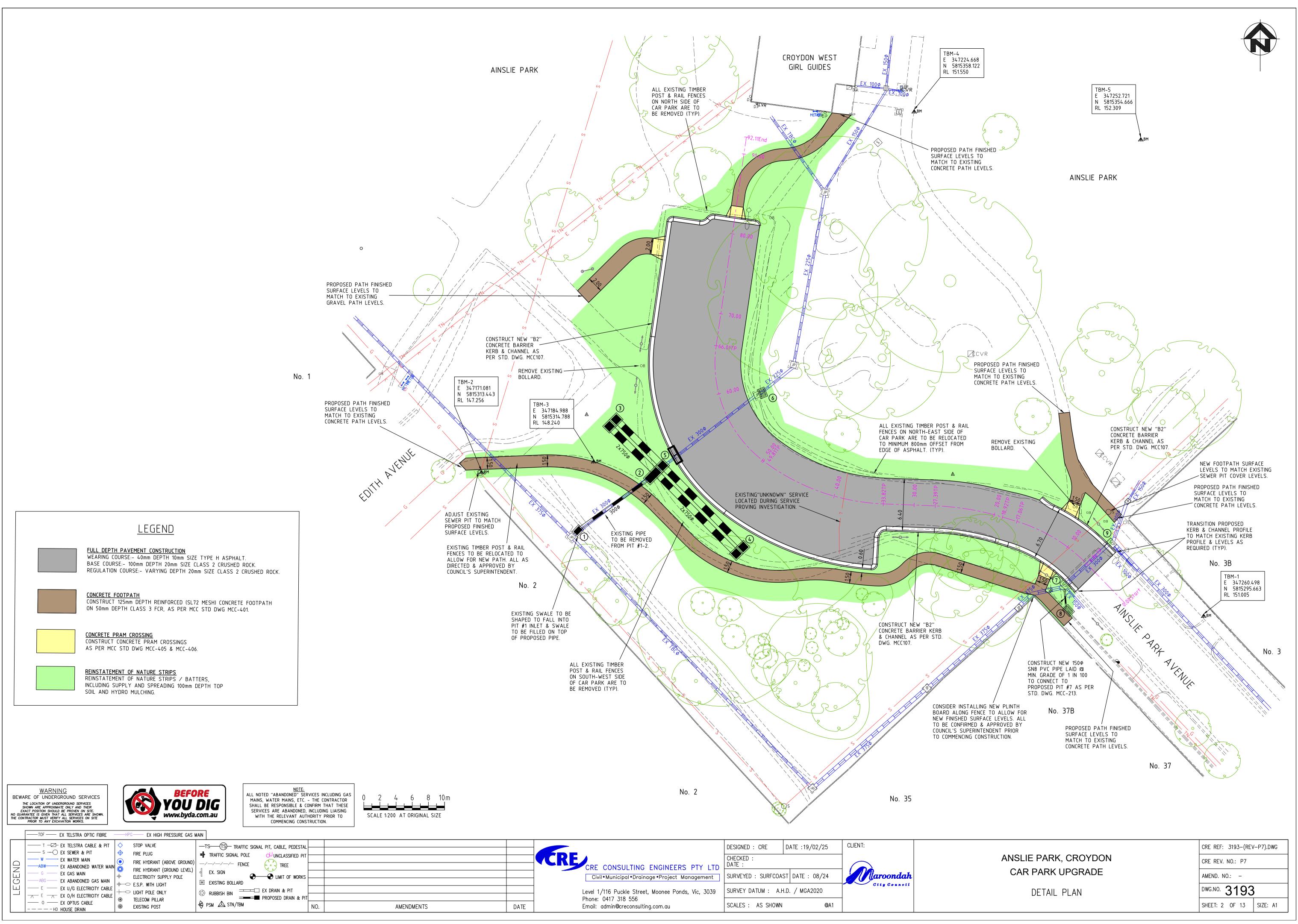
LOCALITY PLAN

NOTE: ALL NOTED "ABANDONED" SERVICES INCLUDING GAS MAINS, WATER MAINS, ETC. - THE CONTRACTOR SHALL BE RESPONSIBLE & CONFIRM THAT THESE SERVICES ARE ABANDONED, INCLUDING LIAISING WITH THE RELEVANT AUTHORITY PRIOR TO COMMENCING CONSTRUCTION. NOTE: THIS DESIGN IS PROTECTED BY COPYRIGHT LAWS AND CANNOT BE RELEASED TO ANY OTHER PERSON(S), OTHER THAN THE CLIENT INTENDED FOR AS INDICATED IN THE TITLE BLOCK ON THESE DRAWINGS. IN THE EVENT OF ANY USE OF THESE FILES, INCLUDING DISTRIBUTION, MODIFICATION, ENHANCEMENT OR FOR ADDITIONAL DESIGN WORK, CRE ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND INTEGRITY OF THE DATA.

CLIENT: DESIGNED : CRE DATE :19/02/25 CRE/ CHECKED DATE : CRE CONSULTING ENGINEERS PTY LTD SURVEYED : SURFCOAST DATE : 08/24 Civil • Municipal • Drainage • Project Management llaroonda City Council SURVEY DATUM : A.H.D. / MGA2020 Level 1/116 Puckle Street, Moonee Ponds, Vic, 3039 Phone: 0417 318 556 SCALES : AS SHOWN @A1 Email: admin@creconsulting.com.au DATE

	DRAWING INDEX
SHEET No.	DESCRIPTION
1	FACE SHEET: - LOCALITY PLAN, GENERAL NOTES & DRAWING INDEX
2	DETAIL PLAN
3	DESIGN CONTOUR & SETOUT PLAN
4	REFERENCE LINE - LONGITUDINAL SECTION
5 - 7	REFERENCE LINE - CROSS SECTION
8	LEFT EDGE OF BITUMEN LONGITUDINAL SECTION
9	RIGHT EDGE OF BITUMEN LONGITUDINAL SECTION
10	FOOTPATH - LONGITUDINAL SECTION
11	FOOTPATH - CROSS SECTIONS
12	DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE
13	LINEMARKING & SIGNAGE PLAN

	CRE REF: 3193-(REV-P7).DWG
ANSLIE PARK, CROYDON	CRE REV. NO.: P7
CAR PARK UPGRADE	AMEND. NO.: -
FACE SHEET	dwg.no. 3193
	SHEET: 1 OF 13 SIZE: A1



⊣∠⊢ EX TELSTRA CABLE & PIT	\sim	STOP VALVE	I —TS	G(TS) TRAFFIC SIGN	NAL PIT, CABLE, PEDESTAL		
	\Leftrightarrow	FIRE PLUG	-	TRAFFIC SIGNAL POLE			
EX WATER MAIN			-		UNCLASSIFIED PIT		
EX ABANDONED WATER MAIN		FIRE HYDRANT (ABOVE GROUND)	/-	_// FENCE			
EX GAS MAIN		FIRE HYDRANT (GROUND LEVEL)	a	ex. Sign			
		ELECTRICITY SUPPLY POLE					
EX U/G ELECTRICITY CABLE	\$ _0	E.S.P. WITH LIGHT		EXISTING BOLLARD			
EX 0/H ELECTRICITY CABLE	$+ \circ$	LIGHT POLE ONLY	\bigcirc	KURRIZH RIN	□ EX DRAIN & PIT		
,	⊛	TELECOM PILLAR			PROPOSED DRAIN & PIT		
EX OPTUS CABLE	(B)	EXISTING POST	i 😫 P:	SM 🛆 STN/TBM		NO	

No. 1

0

TBM-2 E 347171.081 N 5815313.443 RL 147.256

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PT NO.	EASTING	NORTHING	LEVEL	REMARKS	
1	347192.095	5815340.208	149.440	BACK OF PRAM	CROSSING
2	347191.970	5815340.226	149.428	EDGE OF PATH	
3	347189.643	5815339.461	149.183	EDGE OF PATH	
4	347184.363	5815334.242	148.468	EDGE OF PATH	(MATCH EX
5	347182.986	5815335.693	148.422	EDGE OF PATH	(MATCH EX
6	347188.237	5815340.883	149.133	EDGE OF PATH	
7	347192.256	5815342.206	149.480	EDGE OF PATH	
8	347192.381	5815342.188	149.490	BACK OF PRAM	CROSSING
9	347202.027	5815346.249	149.889	BACK OF PRAM	CROSSING
0	347202.242	5815347.734	150.008	EDGE OF PATH	
1	347208.503	5815353.302	150.734	EDGE OF PATH	
2	347213.344	5815355.983	151.321	EDGE OF PATH	
3	347214.501	5815357.727	151.535	EDGE OF PATH	(MATCH EX
4	347216.865	5815357.454	151.539	EDGE OF PATH	(MATCH EX
5	347213.840	5815354.196	151.183	EDGE OF PATH	
6	347208.542	5815351.802	150.705	EDGE OF PATH	
7	347203.726	5815347.519	150.044	EDGE OF PATH	
8	347203.512	5815346.035	149.925	BACK OF PRAM	CROSSING
9	347243.802	5815309.631	150.912	BACK OF PRAM	CROSSING
0	347243.876	5815309.813	150.921	EDGE OF PATH	
21	347243.912	5815312.746	151.072	EDGE OF PATH	
2	347243.274	5815314.423	151.100	EDGE OF PATH	
2 3	347243.001	5815316.554	151.142	EDGE OF PATH	
4	347242.784	5815318.432	151.179	EDGE OF PATH	
5	347242.552	5815320.517	151.221	EDGE OF PATH	(МАТСН ЕХ)
6	347243.905	5815320.641	151.218	EDGE OF PATH	(МАТСН ЕХ)
2 7	347244. 132	5815318.779	151.208	EDGE OF PATH	
2 8	347244. 571	5815316.224	151.164	EDGE OF PATH	
29	347244.927	5815314.853	151.140	EDGE OF PATH	
3 0	347246.811	5815311.626	151.007	EDGE OF PATH	
3 1	347247.468	5815310.948	150.981	EDGE OF PATH	
3 2	347248.336	5815310.030	150.946	EDGE OF PATH	
3 3	347250. 321	5815307.966	150.894	EDGE OF PATH (MATCH EX)
34	347249.442	5815307.014	150.864	EDGE OF PATH (MATCH EX)
3 5	347247.520	5815309.165	150.892	EDGE OF PATH	
36	347246.685	5815310.005	150.936	EDGE OF PATH	
3 7	347245.861		150.976	EDGE OF PATH	
38	347245. 191		150.888	BACK OF PRAM C	ROSSING

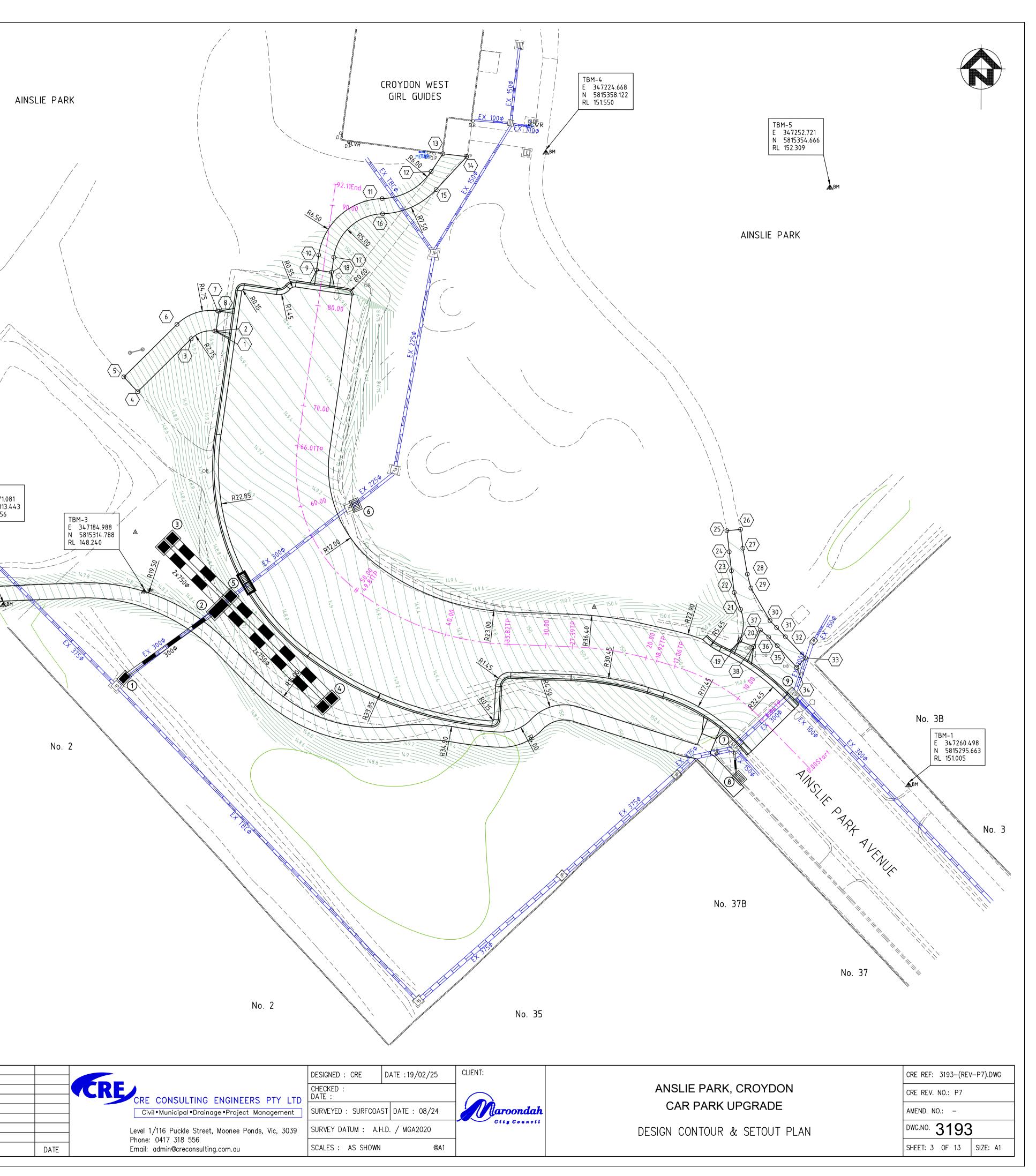
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──── S ──── EX SEWER & PIT W ----- EX WATER MAIN FIRE HYDRANT (ABOVE GROUND) ABW EX ABANDONED WATER MAIN OF FIRE HYDRANT (GROUND LEVEL) EX. SIGN — G —— EX GAS MAIN ELECTRICITY SUPPLY POLE ABG EX ABANDONED GAS MAIN ₩ EXISTING BOLLARD ← E.S.P. WITH LIGHT

 Image:

 Image: Second state of the second s 🏟 PSM 🛆 STN/TBM EXISTING POST AMENDMENTS NO. -----HD HOUSE DRAIN

GEND

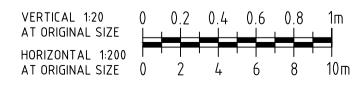


			LOW PT Ch 6.799 RL 150.463					HIGH PT Ch 14.008 RL 150.630										
		I.P. 150.475		100 150 150 150 150 150 150 150 150 150		3.87%	< 5	2/0/0/3		-3	.14%	15E.021	00			-5.22%		81264 1 13.2
R.L. 147.000)									~		
Cut Fill		000.0+	+0.006	+0.006	+0.050	+0.055	- 7 - C -	+0.141	+0.151 +0.144	351 0.1	+0.135	+0.134	+0.137	+0.137	+0.141	+0.158	+0.156	+0.168
DESIGN ALONG REFERENCE LINE -1		150.475 150.475	150.463	150.463 150.470	150.522	150.528 150.576	1ED 420	150.630	150.594 150.569	150 511	150.508 150.508	150.325	150.171	150.090	150.038	14.9.839	149.564 149.517	14.9.265
EXISTING ALONG PROPOSED REFERENCE LINE -1	150.540	150.475 150.460	150.457	150.457 150.444	150.472	150.473 150.482	160 / 00	150.486	150.443 150.425	150 376	150.373	150.191	150.034	149.953	14.9.897	149.681	14.9.4.08 14.9.354	149.097
CHAINAGE	0.00	5.34 5.34	6.80	6.84 7.84	9.84	10.00 11.25	15 C1	14.01	16.25 17.06	18 0.7	19.00 20.00	24.00	27.39	29.00	30.00	33.82	39.09	45.70

WARNING BEWARE OF UNDERGROUND SERVICES THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.



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	TOF EX TELSTRA OPTIC FIBRE	HIGH PRESSURE GAS MAIN	
LEGEND	ABW EX ABANDONED WATER MAIN FIRE HYDRAN	ANT (ABOVE GROUND) ANT (ABOVE GROUND) ANT (GROUND LEVEL) Y SUPPLY POLE H LIGHT E ONLY PILLAR H TRAFFIC SIGNAL POLE W UNCLASSIFIED PIT FENCE W UNCLASSIFIED PIT FENCE W UNCLASSIFIED PIT FENCE W UNCLASSIFIED PIT FENCE W UNCLASSIFIED PIT FENCE W UNCLASSIFIED PIT FENCE W EXISTING BOLLARD W EXISTING BOLLARD W RUBBISH BIN PROPOSED DRAIN & PIT PROPOSED DRAIN & PIT	Image: Constraint of the second sec

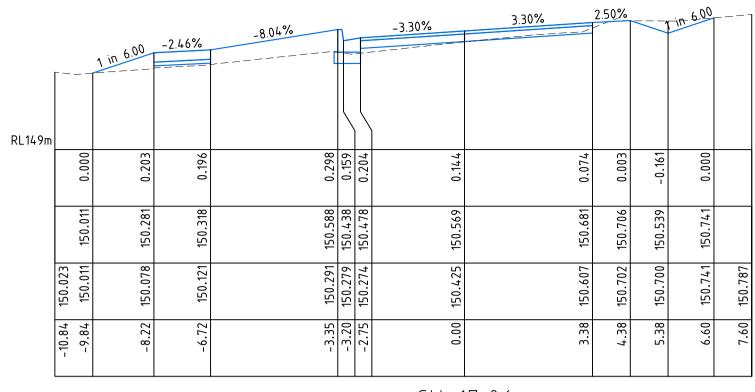
SETOUT D	ETAILS – REFER	RENCE LINE
CHAINAGE	EASTING	NORTHING
0.00	347250.797	5815296.976
6.84	347246.024	5815301.880
10.00	347243.654	5815303.960
17.06	347237.387	5815307.127
18.92	347235.603	5815307.665
20.00	347234.565	5815307.960
27.39	347227.272	5815309.057
30.00	347224.664	5815309.157
33.82	347220.848	5815309. 302
40.00	347214.756	5815310.260
49.81	347206.024	5815314.598
50.00	347205.871	5815314.715
60.00	347200.482	5815322.925
66.01	347200.158	5815328.889
70.00	347200.729	5815332.836
80.00	347202.160	5815342.733
90.00	347203.591	5815352.630
92.11	347203.893	5815354.720

				LOW PT Ch 55.675 RL 149.021																
र्स् I.P. 149.218	229		2.28%	<	G I.P. 148.942			710	<			V I.P. 149.553		2 50%		I.P. 149.761				
+0.168	+0.14.7		+0.125	+0.111	+0.121	+0.160	+0.215	+0.232	+0.261	+0.253	+0.244	+0.207	<	2.50%	+0.056	-0.001				
149.265	14 9.127	14.9.122	14.9.061	14.9.021	149.030	149.087	149.177		149.340	14.9.4.18	149.476				149.723	149.761				
14.9.097	148.980	148.976	14.8.936	14.8.910	148.909	148.927	148.962	14.8.985	149.079	14.9.165	14.9.232	149.345			14.9.667	14.9.762	14.9.795	149.903	 150.467	150.659
45.70	4 9.81	50.00	52.31	55.68	57.32	60.00	62.32	63.16	66.01	68.16	70.00	73.16			80.00	81.51	81.96	83.46	 00.06	92.11

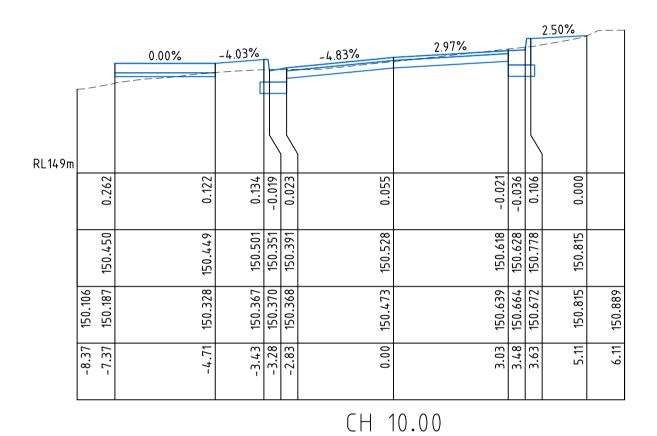
		DESIGNED : CRE	DATE :19/02/25	CLIENT:	
	CRE CONSULTING ENGINEERS PTY LTD	CHECKED : DATE :			
	Civil • Municipal • Drainage • Project Management	SURVEYED : SURFCOA	ST DATE : 08/24	Maroondah	
	Level 1/116 Puckle Street, Moonee Ponds, Vic, 3039	SURVEY DATUM : A.H	I.D. / MGA2020	City Council	
DATE	Phone: 0417 318 556 Email: admin@creconsulting.com.au	SCALES : AS SHOWN	@A1		

REFERE

	CRE REF: 3193-(REV	–P7).DWG
ANSLIE PARK, CROYDON	CRE REV. NO.: P7	
CAR PARK UPGRADE	AMEND. NO.: -	
ENCE LINE – LONGITUDINAL SECTION	DWG.NO. 3193	1
	SHEET: 4 OF 13	SIZE: A1



CH 17.06



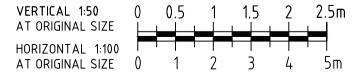
RL149m	1		44%	-3.29%			-5.50%	<u>2.16%</u>				
HEIGHT DIFF.		0.150	0.152		-0.001	0.006	0.006	- 0.015	-0.026	0.144	0.000	
DESIGN LEVELS		150.369	150.335	11 12 12	150.266		150.463	150.529	150.489	150.639	150.643	
EX. LEVELS	150.217	150.219	150.183	CCC 0.14	150.267		150.457	150.543	150.515	150.495	150.643	150.755
OFFSET	-8.29 -7.31	-7.29	-5.91		-3.31		0.00	3.05	3.50	3.65	3.79	4.79

CH 6.84

WARNING BEWARE OF UNDERGROUND SERVICES THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.

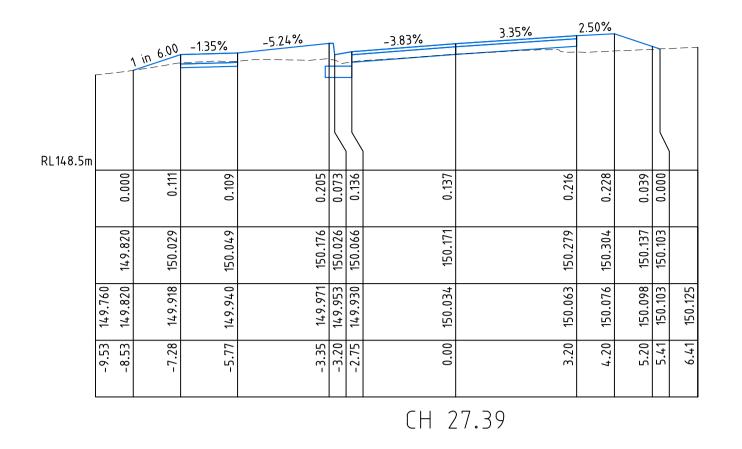


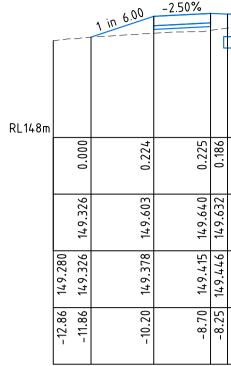
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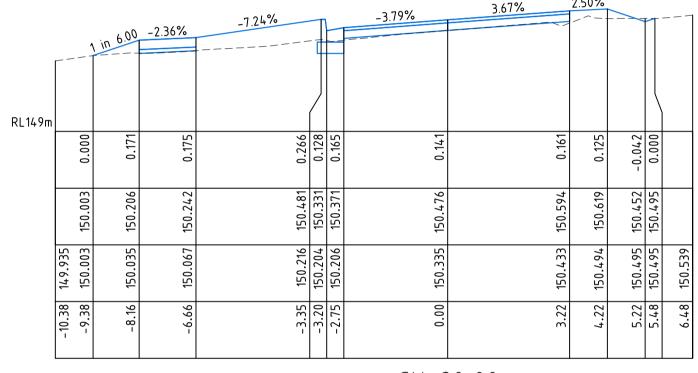


TOF ---- EX TELSTRA OPTIC FIBRE -HPG ----- EX HIGH PRESSURE GAS MAIN ─── T ──Z─ EX TELSTRA CABLE & PIT 🛛 🔷 STOP VALVE ------ s ------ ex sewer & Pit FIRE PLUG W ----- EX WATER MAIN , FIRE HYDRANT (ABOVE GROUND) -/-/-/- FENCE ABW EX ABANDONED WATER MAIN S FIRE HYDRANT (GROUND LEVEL) TREE EX. SIGN G ----- EX GAS MAIN • LIMIT OF WORKS ELECTRICITY SUPPLY POLE C) 🔀 EXISTING BOLLARD $\begin{bmatrix} \Box \\ \Box \\ \Box \\ \neg \\ \neg \\ \neg \\ E \\ \neg \\ \square$

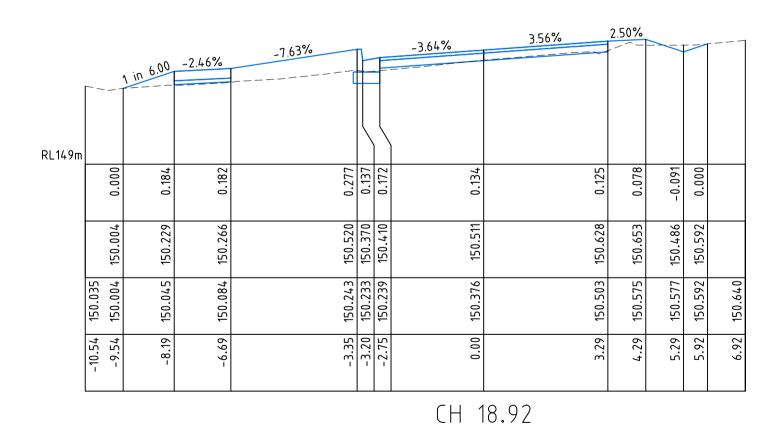
 Image: Second state of the second s PSM 🛆 STN/TBM ----- O ----- EX OPTUS CABLE EXISTING POST NO. AMENDMENTS

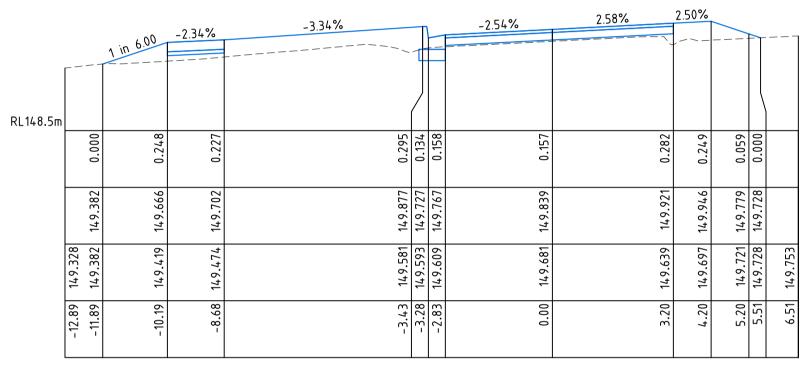


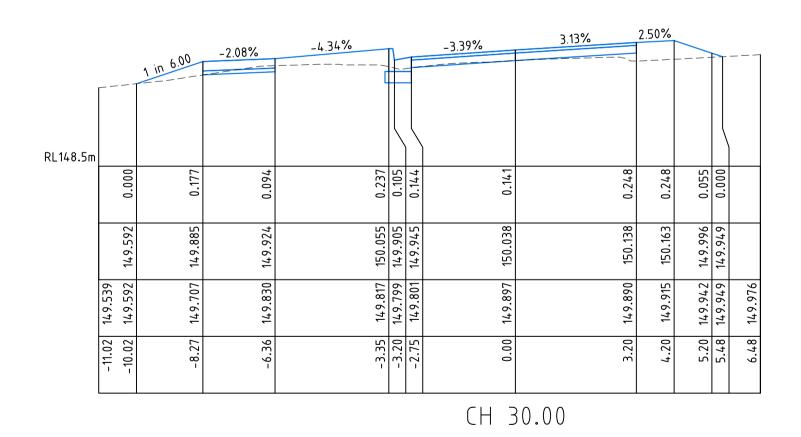








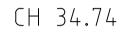


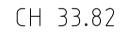




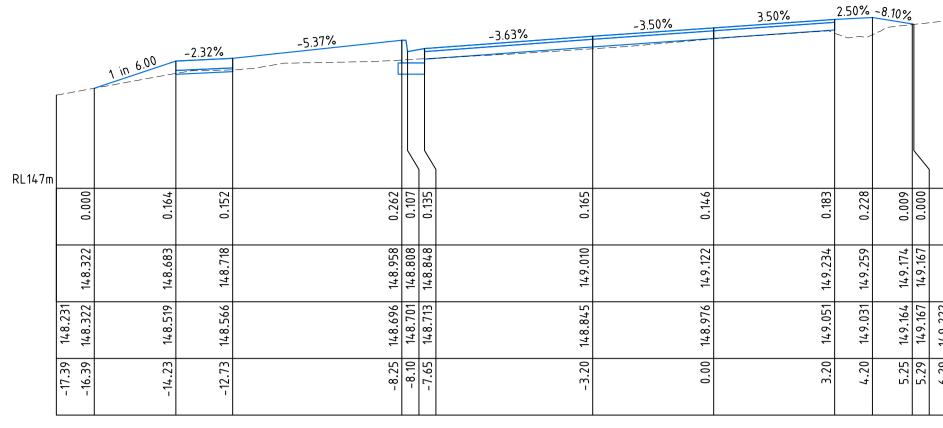
		DESIGNED : CRE	DATE :19/02/25	CLIENT:	
	CRE CONSULTING ENGINEERS PTY LTD	CHECKED : DATE :			A
		SURVEYED : SURFCOAS	ST DATE : 08/24	Maroondah	
		SURVEY DATUM : A.H	I.D. / MGA2020	City Council	REFERI
DATE	Phone: 0417 318 556 Email: admin@creconsulting.com.au	SCALES : AS SHOWN	@A1		

Π.		-4.14%	-2.65%	2.65%	2.50%		PT	7
0.030	0.052	0.155	0.152	0.275	0.251	0.058	0.000	
149.482	149.522	14.9.706	149.791	14.9.875	149.900	149.734	149.684	
149.452	149.470	14.9.551	14.9.638	149.600	149.649	149.676	149.684	149.710
-8.10	-7.65	- 3.20	0.00	3.20	4.20	5.20	5.50	6.50
				1 71				

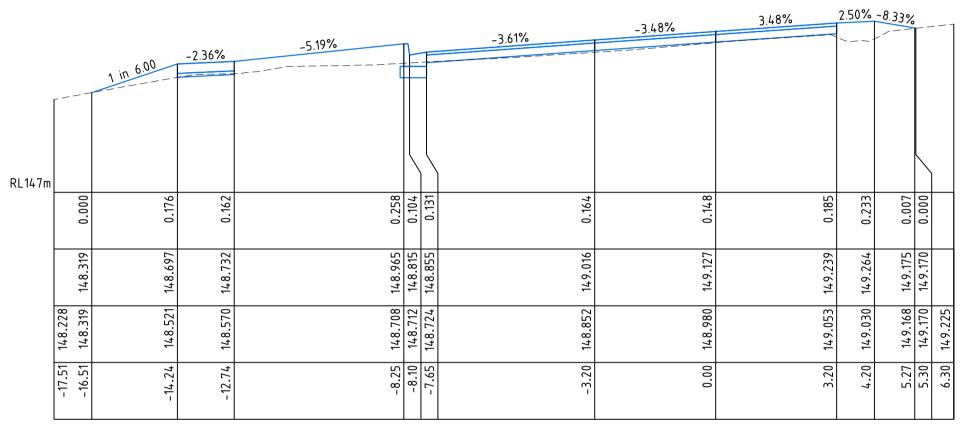




	CRE REF: 3193-(REV-P7).DWG						
ANSLIE PARK, CROYDON	CRE REV. NO.: P7						
CAR PARK UPGRADE	AMEND. NO.: -						
ERENCE LINE - CROSS SECTIONS	dwg.no. 3193	•					
	SHEET: 5 OF 13	SIZE: A1					



CH 50.00



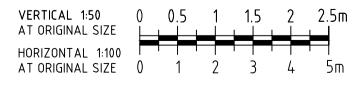
CH 49.81

			1 in 6.00	-3.66%				-3.22%	-3.00%	3.02%	2.50%		
ſ	RL148m HEIGHT DIFF.	0.000	0.226	0.226	0.248	0.097	0.133	0.14.2	0.162	0.216	0.267	0.043	^^^
+			.288	346			.278	721					
	DESIGN LEVELS	148.866	149.2	14.9.31		6		4 14 14	14.9.517	14 9.613	149.638	149.472	14 7.4
	EX. LEVELS	148.814 148.866	149.062	14.9.120	149		149.	149.279	149.354	149.397	149.371	149.428	
	OFFSET	-14.32 -13.32	-10.79	-9.22	-8.25	-8.10	-7.65	0 <i>C</i> .E -		3.20	4.20	5.20	24.C

CH 40.00

WARNING BEWARE OF UNDERGROUND SERVICES BEFORE YOU DIG www.byda.com.au THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.

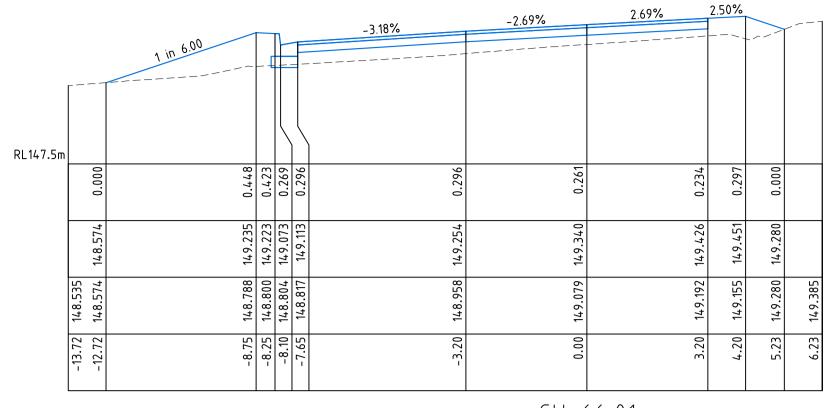
NOTE: ALL NOTED "ABANDONED" SERVICES INCLUDING GAS MAINS, WATER MAINS, ETC. - THE CONTRACTOR SHALL BE RESPONSIBLE & CONFIRM THAT THESE SERVICES ARE ABANDONED, INCLUDING LIAISING WITH THE RELEVANT AUTHORITY PRIOR TO COMMENCING CONSTRUCTION COMMENCING CONSTRUCTION.



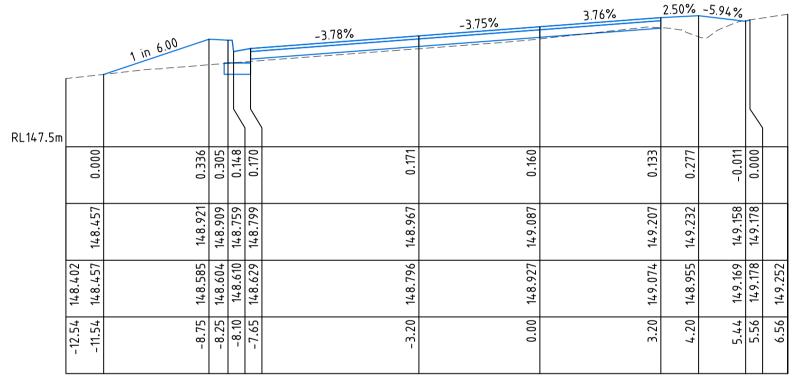
TOF ---- EX TELSTRA OPTIC FIBRE -HPG----- EX HIGH PRESSURE GAS MAIN -TS---TS-- TRAFFIC SIGNAL PIT, CABLE, PEDESTAL ─── T ──Z─ EX TELSTRA CABLE & PIT │ ◇ STOP VALVE ------ s ------ ex sewer & Pit FIRE PLUG TRAFFIC SIGNAL POLE TREE END

 Image: Construction of the second G ----- EX GAS MAIN IMIT OF WORKS + ELECTRICITY SUPPLY POLE 🔀 Existing Bollard

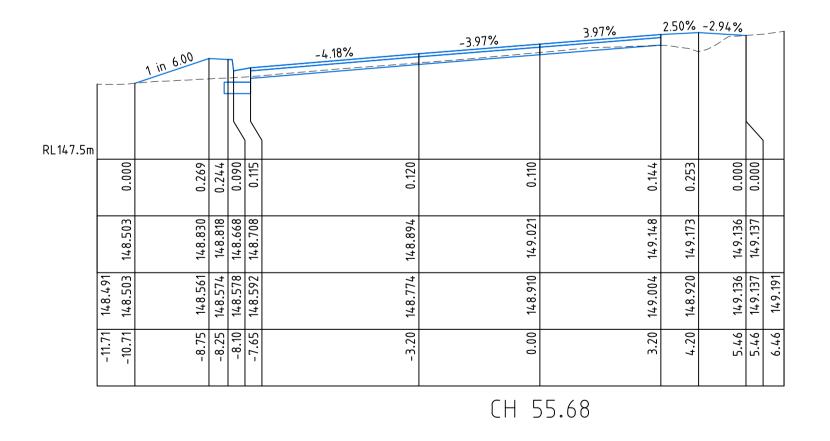
 Image: Second state of the second s EXISTING POST AMENDMENTS NO. -----



CH 66.01

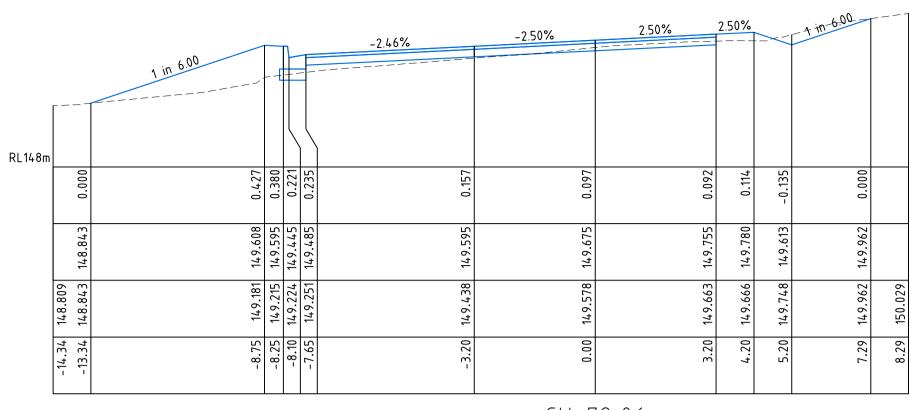


CH 60.00

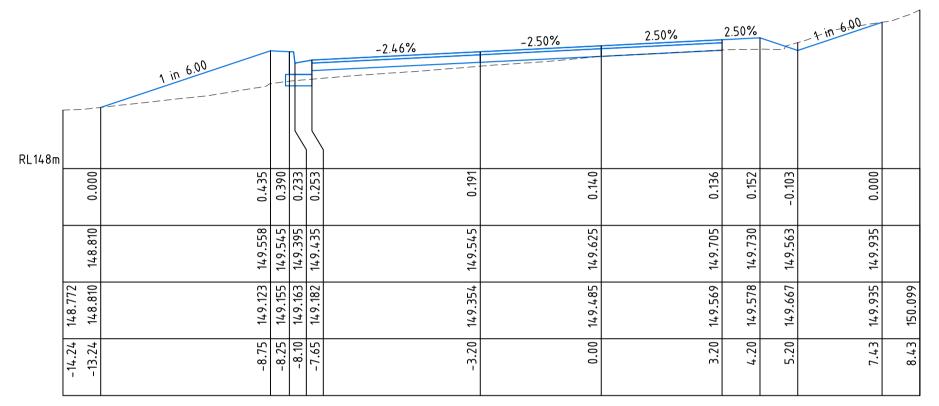


		DESIGNED : CRE	DATE :19/02/25	CLIENT:	
	CRE CONSULTING ENGINEERS PTY LTD	CHECKED : DATE :			
	Civil • Municipal • Drainage • Project Management	SURVEYED : SURFCOA	ST DATE : 08/24	Maroondah CIII CONNOLL	
	Level 1/116 Puckle Street, Moonee Ponds, Vic, 3039	SURVEY DATUM : A.H	I.D. / MGA2020	City Council	
DATE	Phone: 0417 318 556 Email: admin@creconsulting.com.au	SCALES : AS SHOWN	@A1		

	CRE REF: 3193-(REV-P7).DWG				
ANSLIE PARK, CROYDON	CRE REV. NO.: P7				
CAR PARK UPGRADE	AMEND. NO.: –				
REFERENCE LINE - CROSS SECTIONS	dwg.no. 3193				
	SHEET: 6 OF 13 SIZE: A1				



CH 78.06



CH 76.06

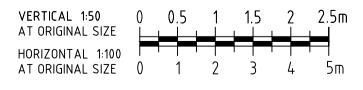
		r	1 in 6.00				-3.01%	 -2.79% 	2.79%		2.50%		Lin 6.00
	RL147.5m												
	HEIGHT DIFF.	0.000				0.289	0.276	0.243		0.236	0.252	-0.053	0.000
	DESIGN LEVELS	148.655	14.9.375	149.362	149.212	149.252	98E. 14,9.386	149.476		14.9.565	149.590	149.423	149.638
	EX. LEVELS	148.618 148.655	148.906	148.934	148.942	148.964	111.671	149.232		149.329	149.338	149.476	14.9.638
	OFFSET	-14.07 -13.07	-8.75	-8.25	-8.10	-7.65	- 3.20	0.00		3.20	4.20	5.20	6.49
-													

CH 70.00

WARNING BEWARE OF UNDERGROUND SERVICES THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.

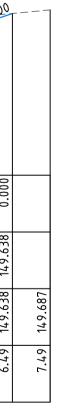


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TOF EX TELSTRA OPTIC FIBRE HPG EX HIGH PRESSURE GAS MAIN -TS----TS--- TRAFFIC SIGNAL PIT, CABLE, PEDESTAL → T → EX TELSTRA CABLE & PIT ◇ STOP VALVE S → C EX SEWER & PIT 🔶 FIRE PLUG

 Image: Construct of the second sec NO. AMENDMENTS



RL148m	1	1 in 6.00				-2.46%	-2.50% 	2.50%	2.50%		Tin 6.00	
	0.000	0.462	0.400	0.238	0.243	0.118	0.049	0.029	-0.005	-0.225	0.000	
	148.924	149.665	149.653	149.503	149.543	14.9.652	14.9.733	14.9.813	14.9.838	149.671	150.085	
	148.894 148.924	149.203	149.253	149.265	149.300	149.535	149.684	149.784	149.842	149.896	150.085	150.146
	-14.20 -13.20	-8.75	-8.25	-8.10	-7.65	-3.20	0.00	3.20	4.20	5.20	7.68	8.68
							сц с	20 36				

CH 80.36

		DESIGNED : CRE	DATE :19/02/25	CLIENT:	
	CRE CONSULTING ENGINEERS PTY LTD	CHECKED : DATE :			
	Civil • Municipal • Drainage • Project Management	SURVEYED : SURFCOA	ST DATE : 08/24	Alaroondah CIII CORNELL	
	Level 1/116 Puckle Street, Moonee Ponds, Vic, 3039	SURVEY DATUM : A.H	I.D. / MGA2020	City Council	
DATE	Phone: 0417 318 556 Email: admin@creconsulting.com.au	SCALES : AS SHOWN	@A1		

<u></u>
150.146
8.68

	CRE REF: 3193-(REV	′P7).DWG		
ANSLIE PARK, CROYDON	CRE REV. NO.: P7			
CAR PARK UPGRADE	AMEND. NO.: -			
REFERENCE LINE - CROSS SECTIONS	DWG.NO. 3193)		
	SHEET: 7 OF 13	SIZE: A1		

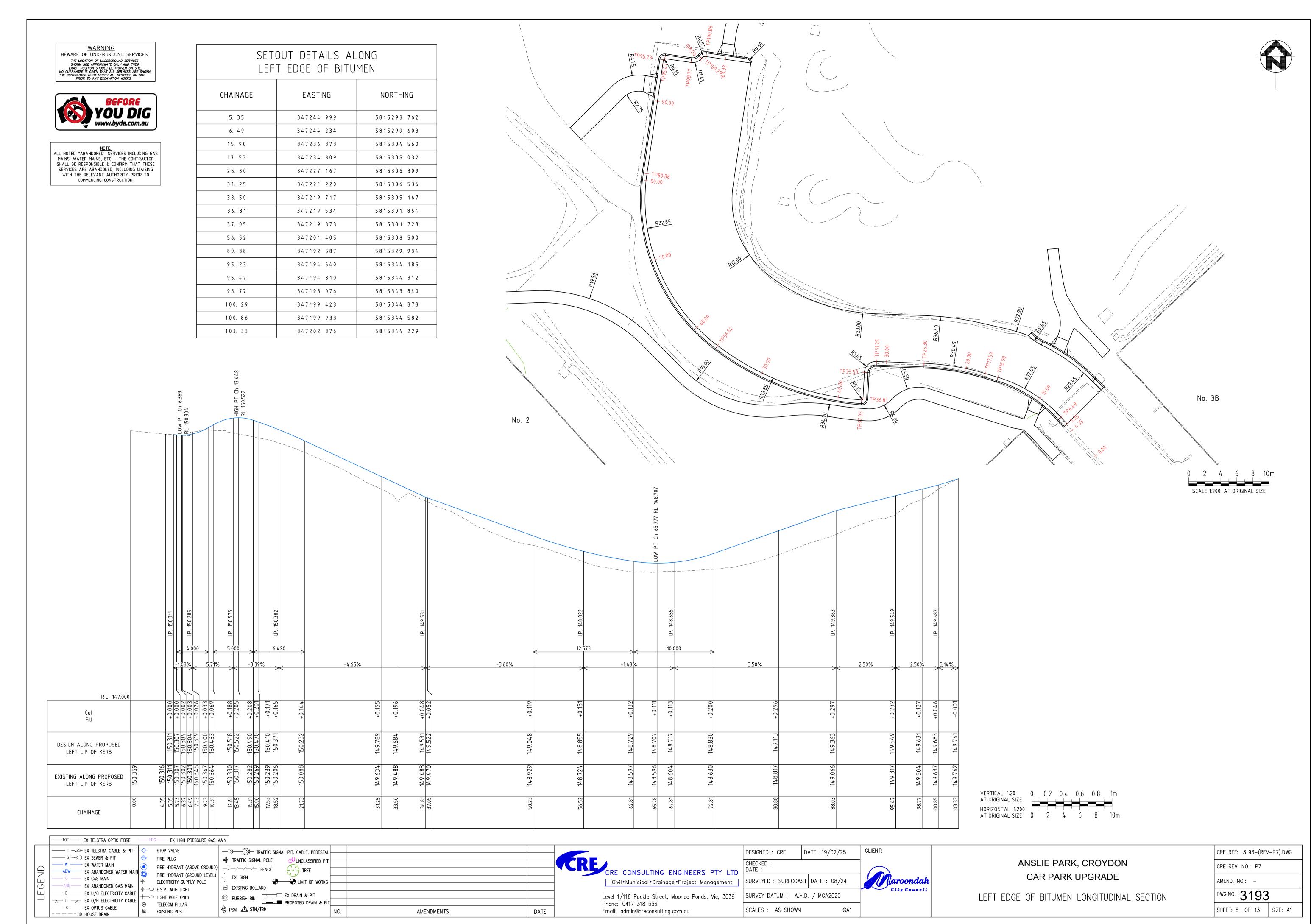




SHALL BE RESPONSIBLE & CONFIRM THAT THESE

LEFT EDGE OF BITUMEN

CHAINAGE	EASTING	NORTHING
5. 35	347244.999	5815298.762
6. 49	347244.234	5815299.603
15.90	347236.373	5815304.560
17.53	347234.809	5815305.032
25.30	347227.167	5815306.309
31.25	347221.220	5815306.536
33.50	347219.717	5815305.167
36.81	347219.534	5815301.864
37.05	347219.373	5815301.723
56.52	347201.405	5815308.500
80.88	347192.587	5815329.984
95.23	347194.640	5815344.185
95.47	347194.810	5815344.312
98.77	347198.076	5815343.840
100.29	347199.423	5815344.378
100.86	347199.933	5815344.582
103.33	347202.376	5815344.229



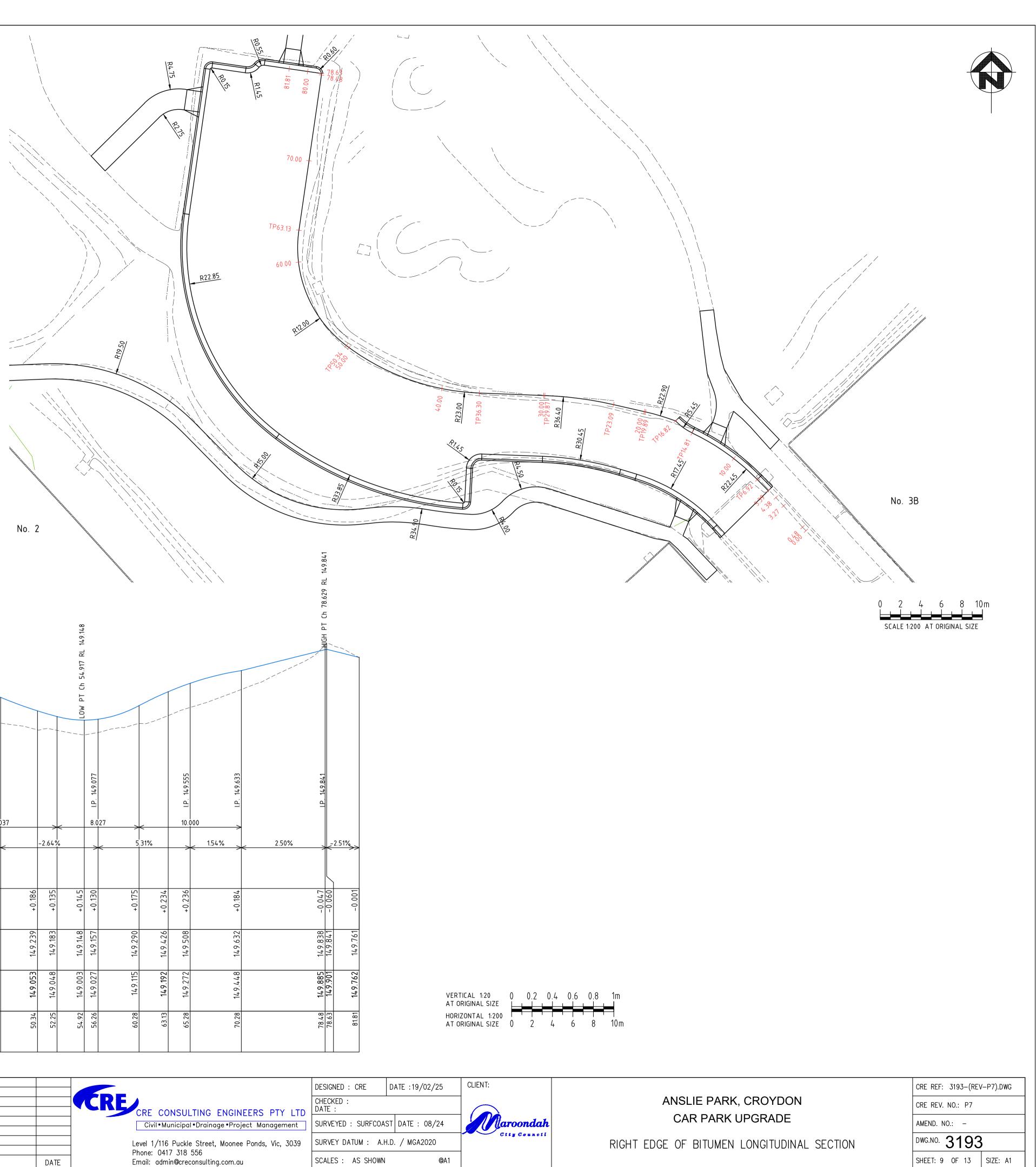
50.23	56.52		2 2	67.81	72.81	88 0.88	88.03	95.47	98.77	100.85	103.33	AT ORIGINAL HORIZONTAL AT ORIGINAL
148.929	148.724	· · ·		148.604	148.630	14 8.817	14.9.066	149.317	149.504	149.637	14.9.762	VERTICAL 1:
149	148	14.8	14.8	14.8	148	14.0	149	149	149	149	149	



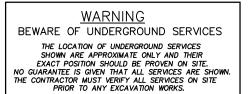
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	SETOUT DETAILS ALONG RIGHT EDGE OF BITUMEN								
CHAINAGE	EASTING	NORTHING							
5.39	347249.245	5815302.945							
6.92	347248.172	5815304.041							
14.81	347241.785	5815308.601							
16.82	347240.170	5815309.775							
19.89	347237.230	5815310.656							
23.09	347234.109	5815311.369							
29.87	347227.393	5815312.255							
36.30	347220.970	5815312.499							
50.34	347207.956	5815317.149							
63.13	347203.325	5815328.431							
78.48	347205.522	5815343.622							
78.63	347205.524	5815343.773							
81.81	347202.376	5815344.229							

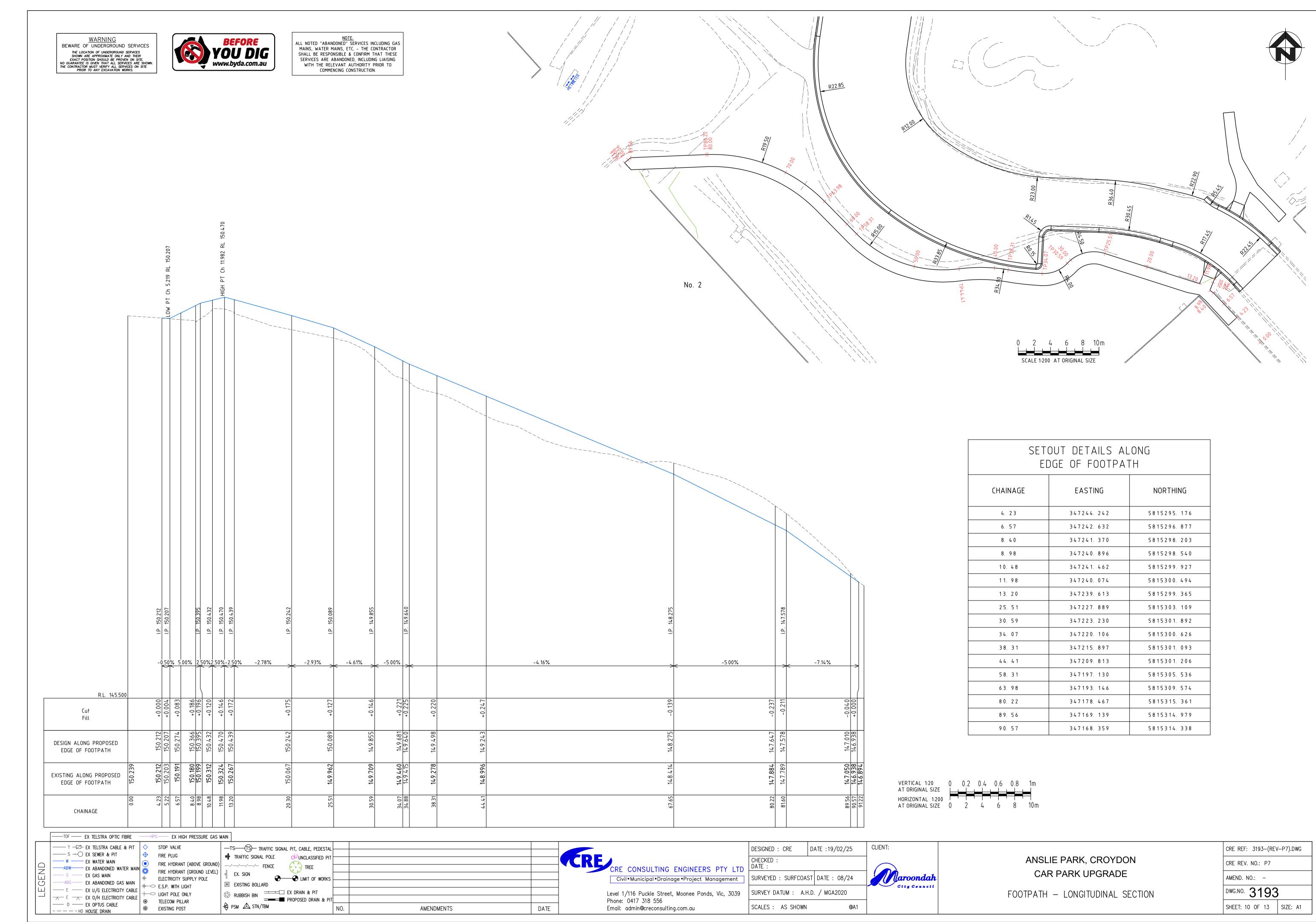
		[[7	1	LOW PT Ch 6.538 RL 150.528			7			HIGH PT Ch 15.240 RL 150.750											
					I.P. 150.534		0. I.P. 150.518	00	~		<							. I.P. 150.440	200			675 671	
						-0.6	0%	<		<u>+.04%</u>	> 				-2.85%	,		~>	<		-5.68%	~~~>	<
	R.L. 147.500 Cut Fill						-0.011			+0.033	+0.094	+0.098	+0.058	+0.103	+0,173	+0.167		+0.181	+0.244	+0.282	+0.217	+0.252	
	SIGN ALONG PROPOSED GHT EDGE OF BITUMEN						150.528 150.528			150.691	150.749	150.750	150.721	150.647	150,583	150.555		150.405	150.156	14.9.921	149.642	149.371	
	STING ALONG PROPOSED GHT EDGE OF BITUMEN	150.611 150.610	150.555	150.545	150.534	150.534 150.532	150.539 150.539	150.559	150.634	150.658	150.655	150.652	150.663	150.544	150 4 10	150.388		150.224	14.9.912	14.9.639	149.425	14 9.119	
	CHAINAGE	0.00 04.0	3.27	4.38	5.37	5.39 6.02	6.54	8 02	10.02	12.31	14.81	15.24	17.31	19.89	22.16	23.09		27.16	32.16	36.30	41.21	46.73	
	—Tof —— ex telstra optic fi		1	HPG-				RESS	URE	GAS MA					.			I					
LEGEND	T → Z→ EX TELSTRA CABLE A S → O EX SEWER & PIT W → EX WATER MAIN ABW ← EX ABANDONED WATH G ← EX GAS MAIN ABG ← EX ABANDONED GAS E ← EX U/G ELECTRICITY E → EX 0/H ELECTRICITY	er Main Main Cable		F F F E O E O L	ire h Lectr s.p.	LUG YDRA YDRA RICITY WITH POLE	nt (Ai nt (Gi Supp Light Only	roun Ply p	ID LEV	UND) VEL)	_	-/ IGN ING E	ignal / Fe Bollar Rin ⁼	ENCE		CLAS TREE MIT (N & I	sified Pit : : : : : : : : : : : : : : : : : : :						
			₩₩		XISTIN						₽SM ∠	<u> </u>						N0.			AMENDMENTS		



_			DESIGNED : CRE	DATE :19/02/25	CLIENT:		
_		CRE CONSULTING ENGINEERS PTY LTD	CHECKED : DATE :			A	
			SURVEYED : SURFCOA	ST DATE : 08/24	Maroondah		
			SURVEY DATUM : A.H	1.D. / MGA2020	City Council	RIGHT EDGE	
	DATE	Phone: 0417 318 556 Email: admin@creconsulting.com.au	SCALES : AS SHOWN	@A1			





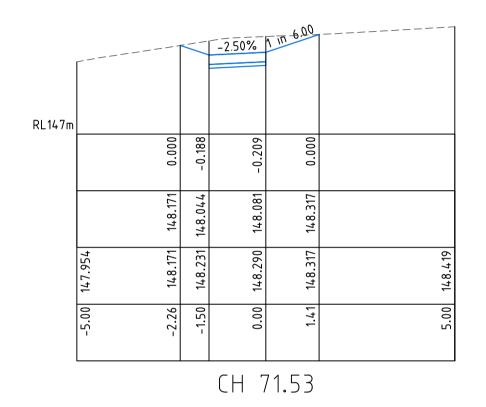


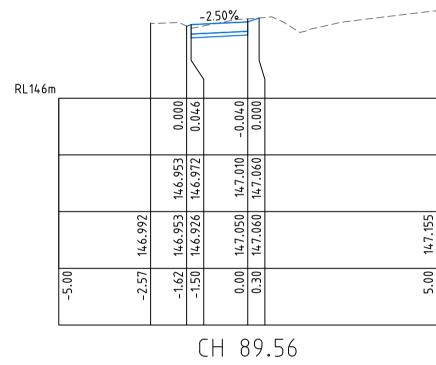
		DESIGNED : CRE	DATE :19/02/25	CLIENT:	
		CHECKED : DATE :			
	CRE CONSULTING ENGINEERS PTY LTD	DATE .			
	Civil • Municipal • Drainage • Project Management	SURVEYED : SURFCOAS	ST DATE : 08/24	Maroondah	
			,	City Council	
	Level 1/116 Puckle Street, Moonee Ponds, Vic, 3039	SURVEY DATUM : A.H	.D. / MGA2020		F00 ⁻
	Phone: 0417 318 556			4	100
DATE	Email: admin@creconsulting.com.au	SCALES : AS SHOWN	@A1		

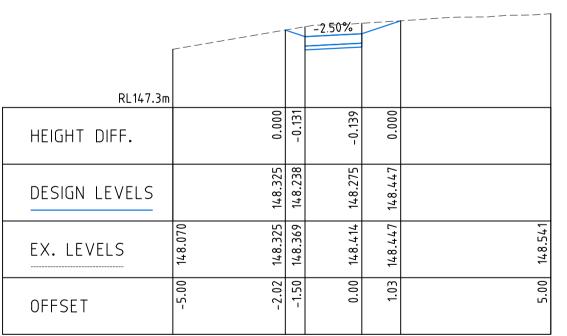
	OUT DETAILS AL DGE OF FOOTPAI	
GE	EASTING	NORTHING
	347244.242	5815295.176
	347242.632	5815296.877
	347241.370	5815298.203
	347240.896	5815298.540
	347241.462	5815299.927
	347240.074	5815300.494
	347239.613	5815299.365
	347227.889	5815303.109
	347223.230	5815301.892
	347220. 106	5815300.626
	347215.897	5815301.093
	347209.813	5815301.206
	347197.130	5815305.536
	347193.146	5815309.574
	347178.467	5815315.361
	347169.139	5815314.979
	347168.359	5815314.338

	CRE REF: 3193-(REV-P7).DWG			
ANSLIE PARK, CROYDON	CRE REV. NO.: P7			
CAR PARK UPGRADE	AMEND. NO.: –			
OTPATH – LONGITUDINAL SECTION	dwg.no. 3193			
	SHEET: 10 OF 13	SIZE: A1		

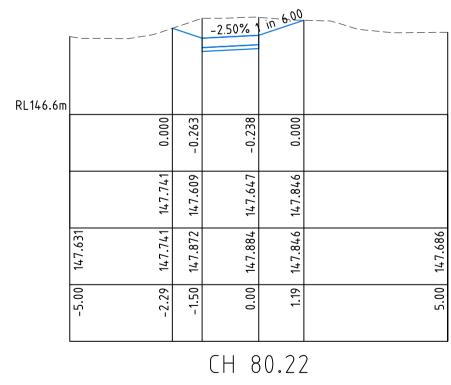
			-2.50%	1 in 6.00	
RL146.9m					
		-0.216	-0.266	0.000	
	C7U 0 11	147.917	147.955	148.213	
	147.863	14.8.133	148.220	148.213	175,871
	-5.00	-1.50	0.00	1.55	00 S
			CH 7	4.07	





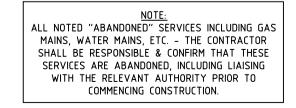


CH 67.65



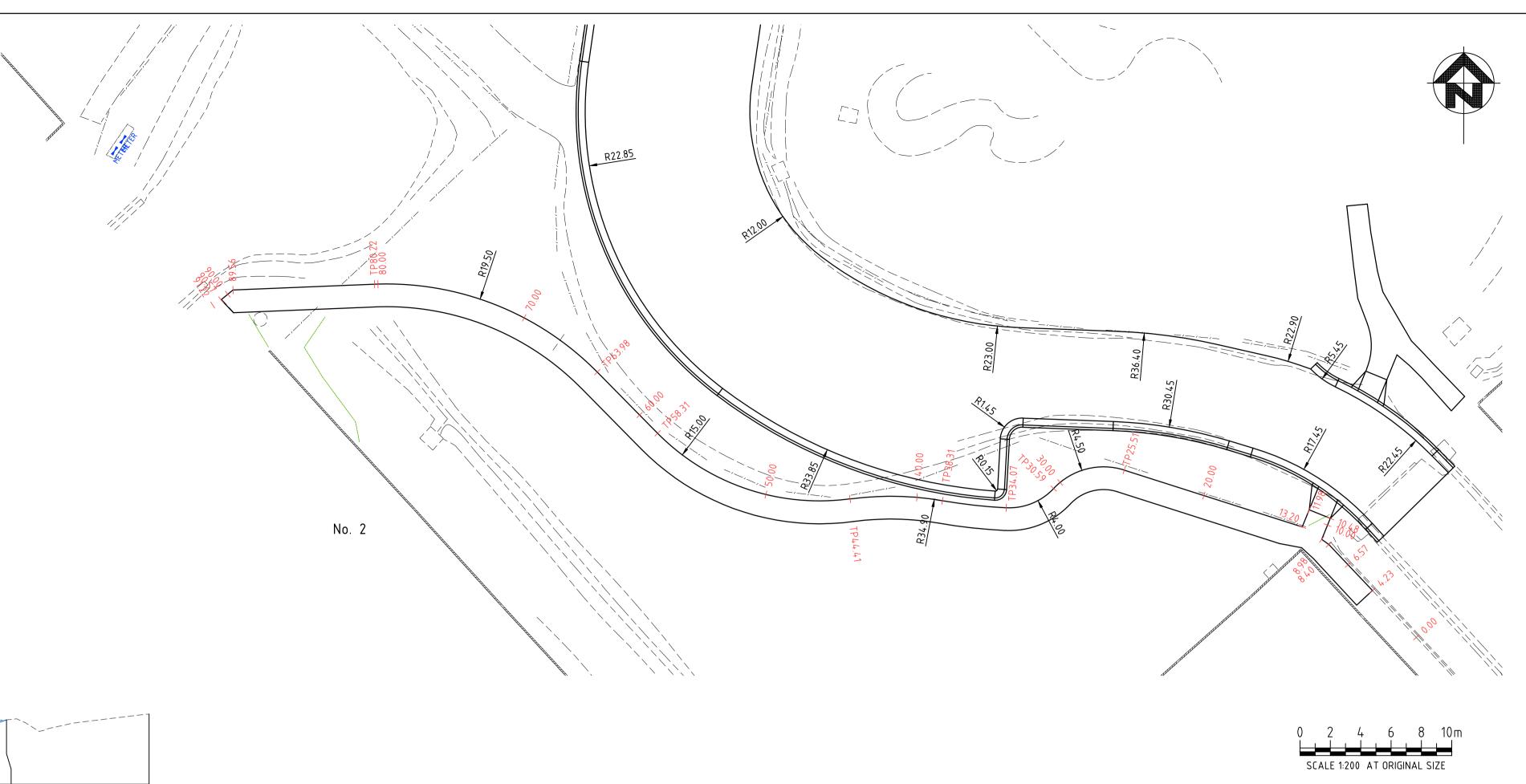
WARNING
BEWARE OF UNDERGROUND SERVICES
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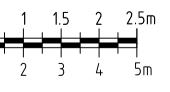




VERTICAL 1:50 AT ORIGINAL SIZE	0	0.5	
HORIZONTAL 1:100 AT ORIGINAL SIZE	0	1	2

	TOF EX TELSTRA OPTIC FIBRE	AIN						
	T → Z→ EX TELSTRA CABLE & PIT ◇ STOP VALVE S → ○ EX SEWER & PIT ◇ FIRE PLUG	—TS—(TS)— TRAFFIC SIGNAL PIT, CABLE, PEDESTAL ■ TRAFFIC SIGNAL POLE				DESIGNED : CRE DATE :19/02/25	CLIENT:	
	W EX WATER MAIN FIRE HYDRANT (ABOVE GROUND)	-/-/-/- FENCE			CRE CONSULTING ENGINEERS PTY LTD	CHECKED : DATE :		ŀ
	G EX ABANDONED WATER MAIN G EX GAS MAIN ABG EX ABANDONED GAS MAIN Fire Hydrant (Ground Level) G EX ABANDONED GAS MAIN G EX ABANDONED GAS MAIN	 d EX. SIGN ★ EXISTING BOLLARD 	3		Civil • Municipal • Drainage • Project Management	SURVEYED : SURFCOAST DATE : 08/24	Alaroondah City Connell	
L	$ \begin{array}{c} J \\ J \\ \hline \\$	© RUBBISH BIN ====⊡ EX DRAIN & PIT ======■ PROPOSED DRAIN & PI	т		Level 1/116 Puckle Street, Moonee Ponds, Vic, 3039 Phone: 0417 318 556	SURVEY DATUM : A.H.D. / MGA2020		FC
	→ → → → ↓ </th <th>PSM A STN/TBM</th> <th>NO. AMENDMENTS</th> <th>DATE</th> <th>Email: admin@creconsulting.com.au</th> <th>SCALES : AS SHOWN @A</th> <th>1</th> <th></th>	PSM A STN/TBM	NO. AMENDMENTS	DATE	Email: admin@creconsulting.com.au	SCALES : AS SHOWN @A	1	





	CRE REF: 3193–(REV	–P7).DWG		
ANSLIE PARK, CROYDON	CRE REV. NO.: P7			
CAR PARK UPGRADE	AMEND. NO.: -			
FOOTPATH – CROSS SECTIONS	DWG.NO. 3193			
	SHEET: 11 OF 13	SIZE: A1		

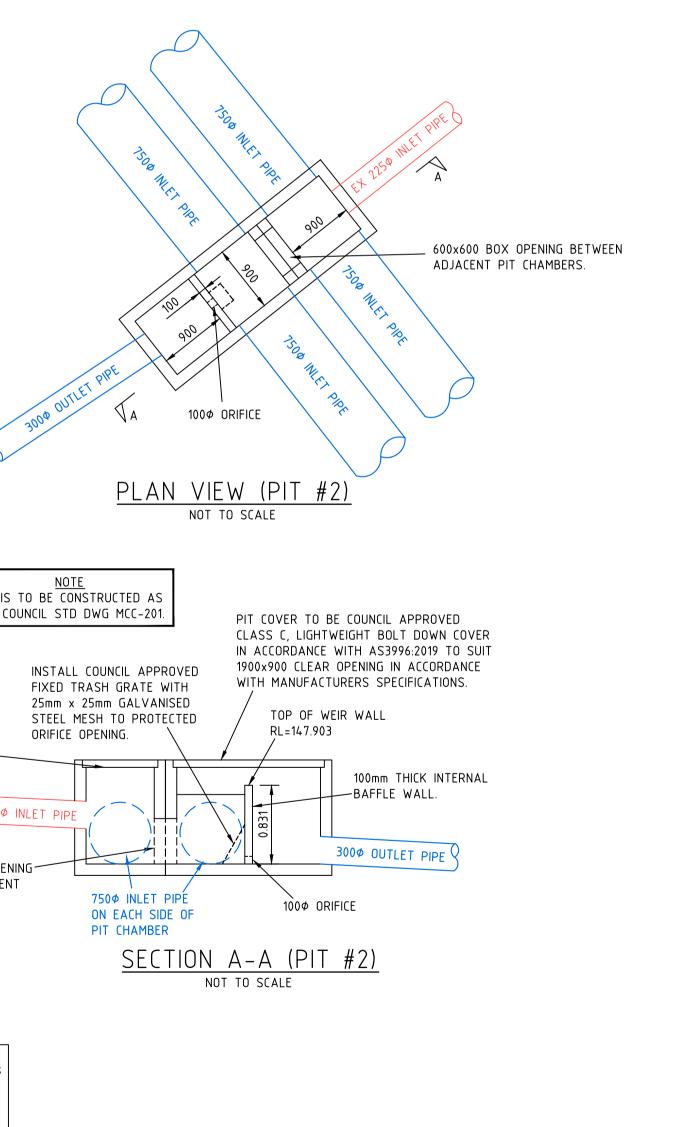
DRAINAGE PIT SCHEDULE

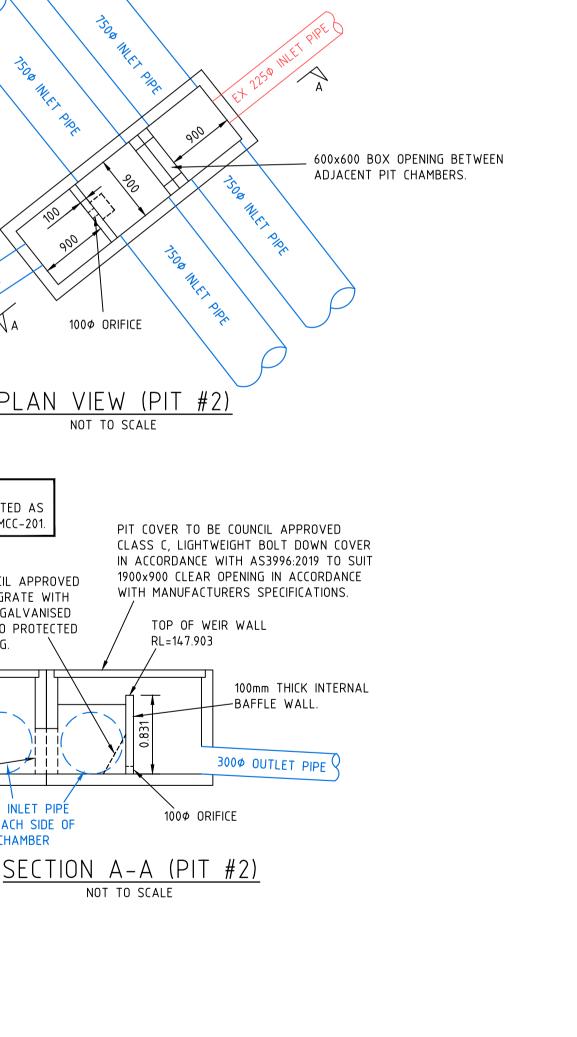
			-							<u> </u>		· · · · · · · · · · · · · · · · · · ·		
PIT NO.	ΤY	YPE	INTERNAL WIDTH	INTERNAL LENGTH	OUTLET DIAMETER	OUTLET INVERT RL	INLET DIAMETER	INLET INVERT RL	PIT DEPTH	FSL	EASTING	NORTHING	REMARKS	PIT NO.
	EXISTING	PROPOSED	(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)	(m)	(m)		
1	JP	V-NOTCH	900	600	EX 375	146.740	300	146.940	0.877	147.617	347183.040	5815305.986	CONSTRUCT NEW TABLE DRAIN INLET PIT (V-NOTCH) AS PER STD. DWG. MCC-212 WITH CLASS B, LIGHTWEIGHT LOCKABLE LID. PIT TO BE CONNECTED TO EXISTING JUNCTION PIT VIA A 450x450 BOX OPENING. EXISTING SWALE TO BE SHAPED TO ENSURE WATER FLOWS INTO PIT. ALL AS DIRECTED BY COUNCIL'S SUPERINTENDENT.	1
2		JP	900	1900	300	147.072	750	147.072	1.461	148.533	347192.756	5815313.260	CONSTRUCT NEW JUNCTION PIT AS PER DETAIL ON THIS SHEET & AS PER STD. DWG. MCC-201 WITH COUNCIL APPROVED CLASS C,	2
		JP	900	900			750	147.072					LIGHTWEIGHT BLOT DOWN COVER IN ACCORDANCE WITH AS3996:2019 TO SUIT 900×1900 CLEAR OPENING IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. CONSTRUCT NEW JUNCTION PIT AS PER STD. DWG. MCC-201 WITH CLASS C, LIGHTWEIGHT BOLT DOWN COVER. PIT CHAMBERS	
							EX 225	147.641					TO BE CONNECTED VIA A 600×600 BOX OPENING.	
3		JP	900	900	750	147.113			1.232	148.345	347187.364	5815319.332	CONSTRUCT 2 No. NEW JUNCTION PITS AS PER STD. DWG. MCC-201 WITH CLASS B, LIGHTWEIGHT LOCKABLE LID. ADJACENT PIT CHAMBERS TO BE CONNECTED VIA A 600x600 BOX OPENING.	3
		JP	900	900									ADJACENT PTT CHAMBERS TO BE CONNECTED VIA A 6000000 BOX OPENING.	
4		JP	900	900	750	147.143			1.840	148.983	347203.074	5815303.551	1 CONSTRUCT 2 No. NEW JUNCTION PITS AS PER STD. DWG. MCC-201 WITH CLASS B, LIGHTWEIGHT LOCKABLE LID. ADJACENT PIT CHAMBERS TO BE CONNECTED VIA A 600×600 BOX OPENING.	
		JP	900	900									ABACENT TH CHANDERS TO BE CONNECTED VIA A DOUXOU DOX OF ENING.	
5		DBL-GSEP	665	2000	EX 225	147.641	EX 225	147.641	1.044	148.685	347195.082	5815315.359	CONSTRUCT NEW DOUBLE GRATED SIDE ENTRY PIT AS PER STD. DWG. MCC-208.	
6		GPIT	600	900	EX 225	148.310	EX 225	148.310	0.810	149.120	347205.889	5815323.047	7 CONSTRUCT NEW GRATED JUNCTION PIT AS PER STD. DWG. MCC-201 WITH COUNCIL APPROVED "V-GRATE".	
7	SEP		EX	EX	EX 375	149.430	EX 300	149.550	0.976	150.406	347243.310	5815299.286	ADJUST EXISTING SIDE ENTRY PIT TO MATCH TO NEW FINISHED SURFACE LEVELS & KERB ALIGNMENT. CONNECT PROPOSED 1500 PIPE TO	7
							EX 150	149.570					EXISTING PIT CHAMBER AS REQUIRED.	
							150	ТВС						
8		GPIT	600	900	150	149.757			0.450	150.207	347243.779	5815296.101	CONSTRUCT NEW FOOTPATH 'V' GRATED DRAINAGE PIT AS PER STD. DWG. MCC-213.	8
9	SEP		EX	EX	EX	EX	EX	EX	EX	150.677	347249.156	5815304.467	ADJUST EXISTING SIDE ENTRY PIT TO MATCH TO NEW FINISHED SURFACE LEVELS & KERB ALIGNMENT.	9

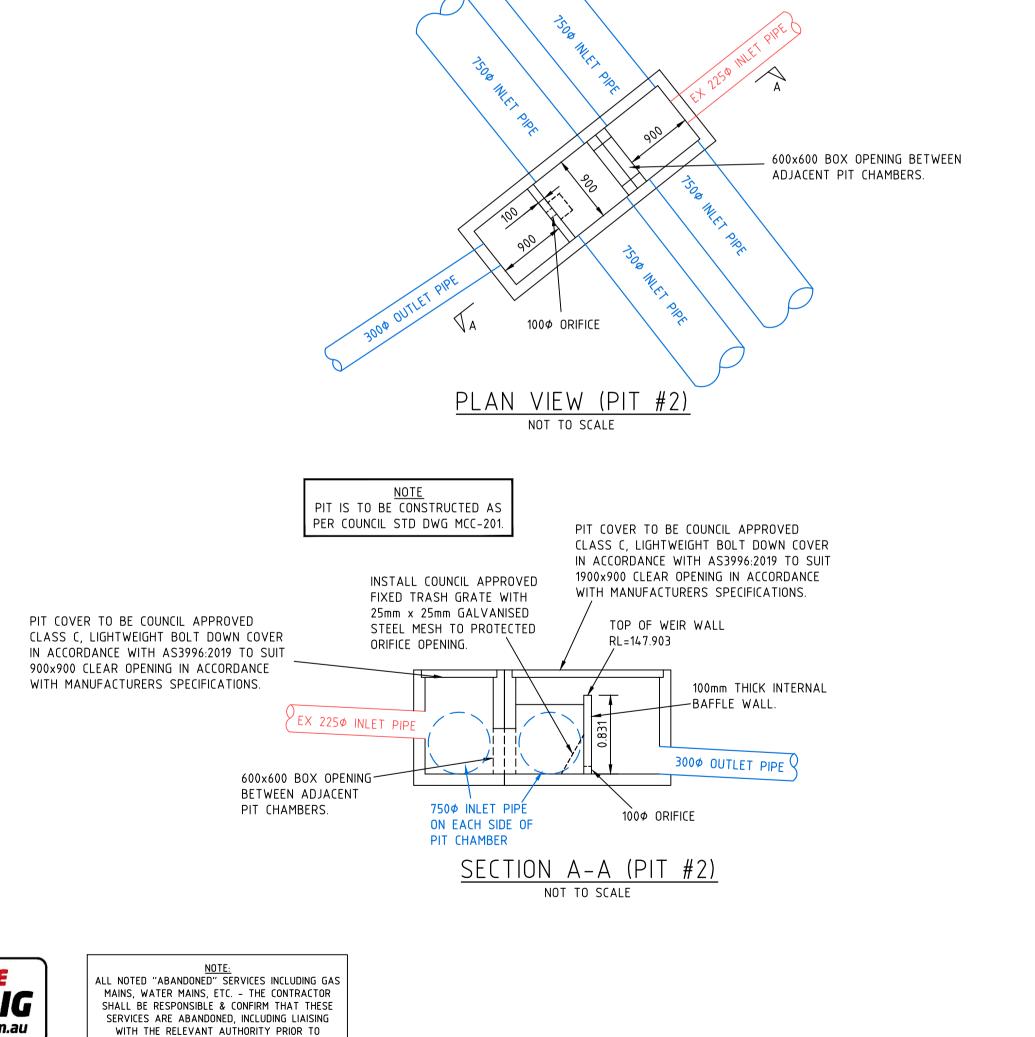
1. PIT FLOORS TO BE SHAPED TO PROVIDE SMOOTH FLOW THROUGH PITS.

2. ALL EXISTING PIPE LEVELS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. COUNCIL'S SUPERINTENDENT SHALL BE NOTIFIED IF THERE ARE ANY DISCREPANCIES PRIOR TO COMMENCING CONSTRUCTION. 3. ALL PIT SETOUT IS TO THE CENTRE OF THE PIT CHAMBER, UNLESS NOTED OTHERWISE IN THE REMARKS COLUMN.

4. ALL PITS SHOULD BE ALIGNED TO KERB AND CHANNELS AND MATCH TO PROPOSED SURFACE LEVELS & SLOPES AS REQUIRED.





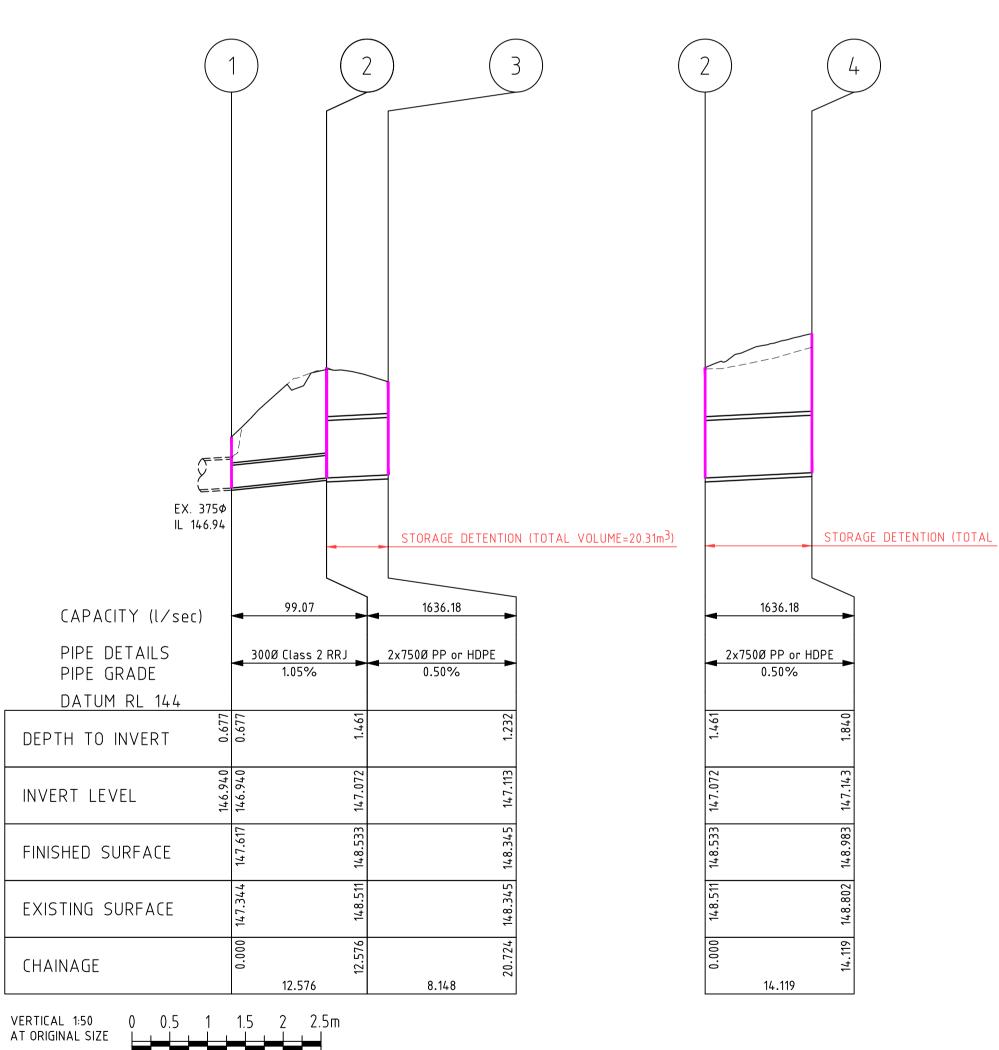


WARNING BEWARE OF UNDERGROUND SERVICES THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.

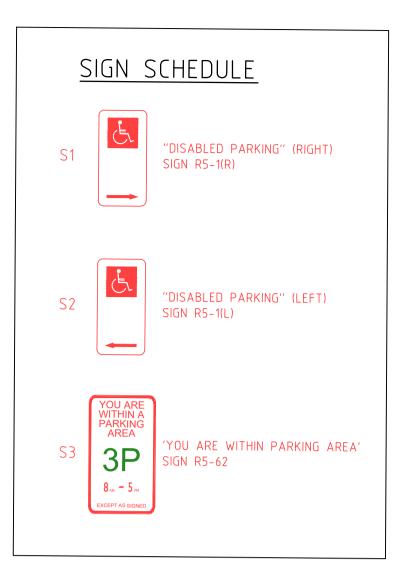


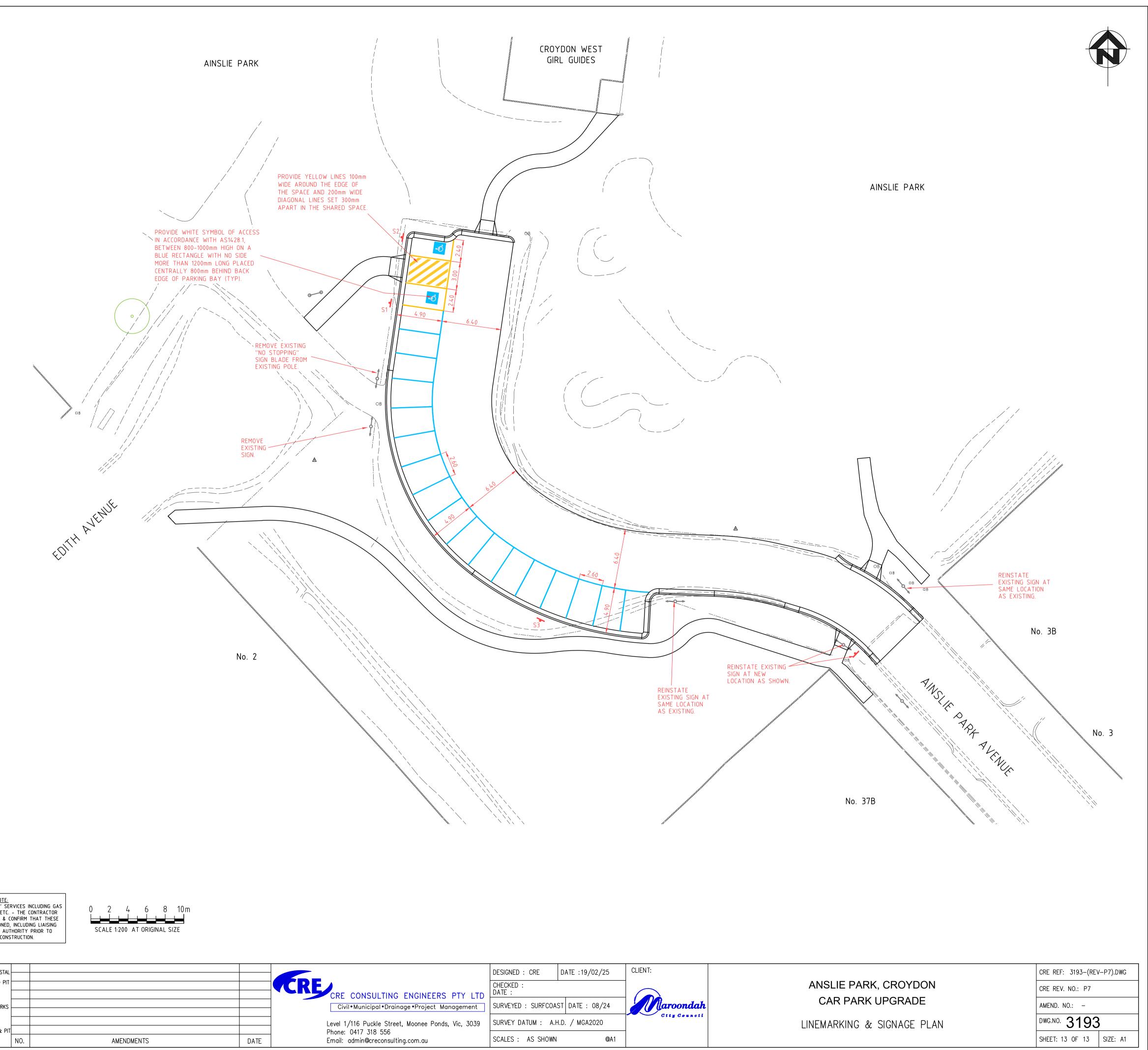
COMMENCING CONSTRUCTION.

	STOP VALVE	-TSTSTSTRAFFIC SIGNAL PIT, CABLE, PEDESTAI					ESIGNED : CRE	DATE :19/02/25	CLIENT:		CRE REF: 3193-(REV-P7).DWG
$ \begin{array}{c} S & O \\ W & EX SEWER & PIT \\ W & EX WATER MAIN \\ ARW & EX ADADDATED WATER MAIN \\ BRW &$	 FIRE PLUG FIRE HYDRANT (ABOVE GROUNI 	→ TRAFFIC SIGNAL POLE → UNCLASSIFIED PIT					HECKED : ATF :			ANSLIE PARK, CROYDON	CRE REV. NO.: P7
ABW EX ABANDONED WATER MAIN G EX GAS MAIN	● FIRE HYDRANT (GROUND LEVEL ELECTRICITY SUPPLY POLE) a EX. SIGN	s			CRE CONSULTING ENGINEERS PTY LTD Civil • Municipal • Drainage • Project Management	URVEYED : SURFCOAS	T DATE : 08/24	Maroondah	CAR PARK UPGRADE	AMEND. NO.: -
ABG EX ABANDONED GAS MAIN	È⊂ E.S.P. WITH LIGHT ├	EXISTING BOLLARD RUBBISH BIN THE DEPARTMENT OF A PIT DEPARTMENT OF A PIT					URVEY DATUM : A.H.		City Council	DRAINAGE LONGITUDINAL SECTIONS	DWG.NO. 3193
	TELECOM PILLAREXISTING POST	PSM A STN/TBM	NO.	AMENDMENTS	DATE	Phone: 0417 318 556 Email: admin@creconsulting.com.au	CALES : AS SHOWN	@A1			SHEET: 12 OF 13 SIZE: A1



HORIZONTAL 1:500 AT ORIGINAL SIZE 0 5 10 15 20 25m





WARNING BEWARE OF UNDERGROUND SERVICES THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.



<u>NOTE:</u> ALL NOTED "ABANDONED" SERVICES INCLUDING GAS MAINS, WATER MAINS, ETC. - THE CONTRACTOR SHALL BE RESPONSIBLE & CONFIRM THAT THESE SERVICES ARE ABANDONED, INCLUDING LIAISING WITH THE RELEVANT AUTHORITY PRIOR TO COMMENCING CONSTRUCTION.

No. 1

	TOF	STOP VALVE					DESIGNED : CRE DATE :19/0	02/25 CLIENT:
END	S	 FIRE PLUG FIRE HYDRANT (ABOVE GROUND) FIRE HYDRANT (GROUND LEVEL) ELECTRICITY SUPPLY POLE 					CHECKED : DATE : SURVEYED : SURFCOAST DATE : (08/24 Maroondah
LEG	$\begin{array}{c c} \hline & ABG \\ \hline & E \\ \hline \hline & E \\ \hline & E \\ \hline \hline \hline & E \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline$		EXISTING BOLLARD RUBBISH BIN EX DRAIN & PIT PROPOSED DRAIN & PIT	T		Level 1/116 Puckle Street, Moonee Ponds, Vic, 3039 Phone: 0417 318 556		
	o ex optus cable 	EXISTING POST	PSM 🛆 STN/TBM	NO. AMENDMENTS	DATE	Email: admin@creconsulting.com.au	SCALES : AS SHOWN	@A1