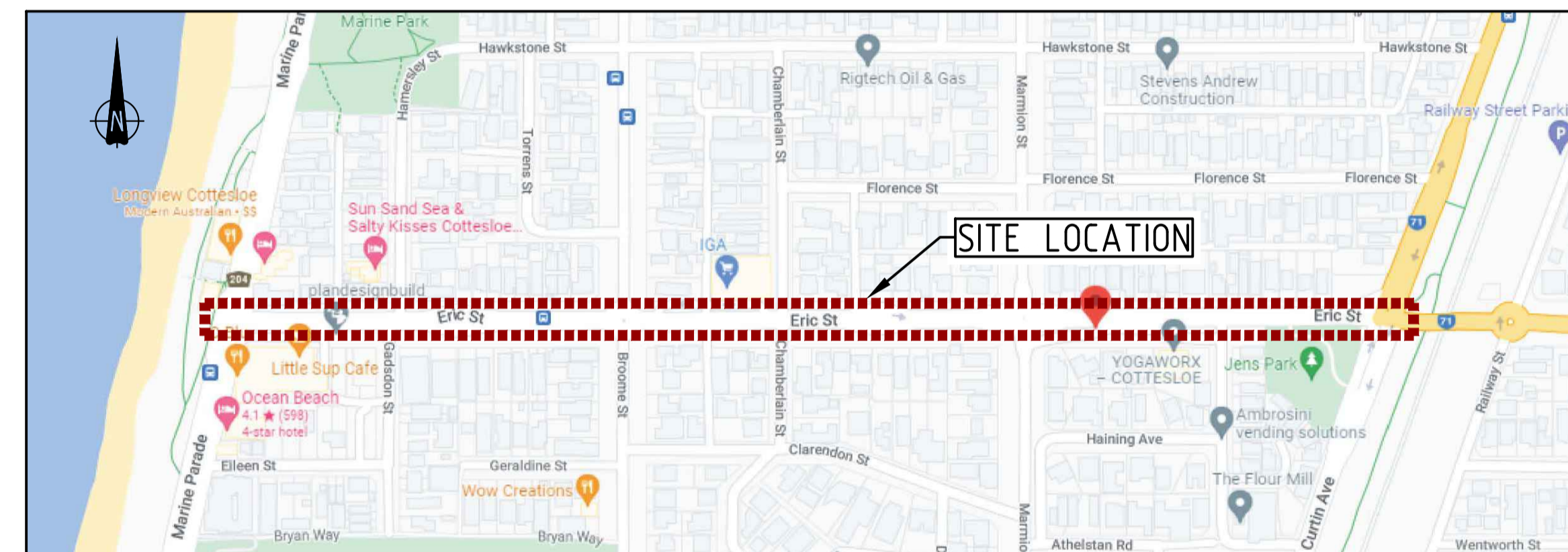


ERIC ST SHARED PATH

TOWN OF COTTESLOE

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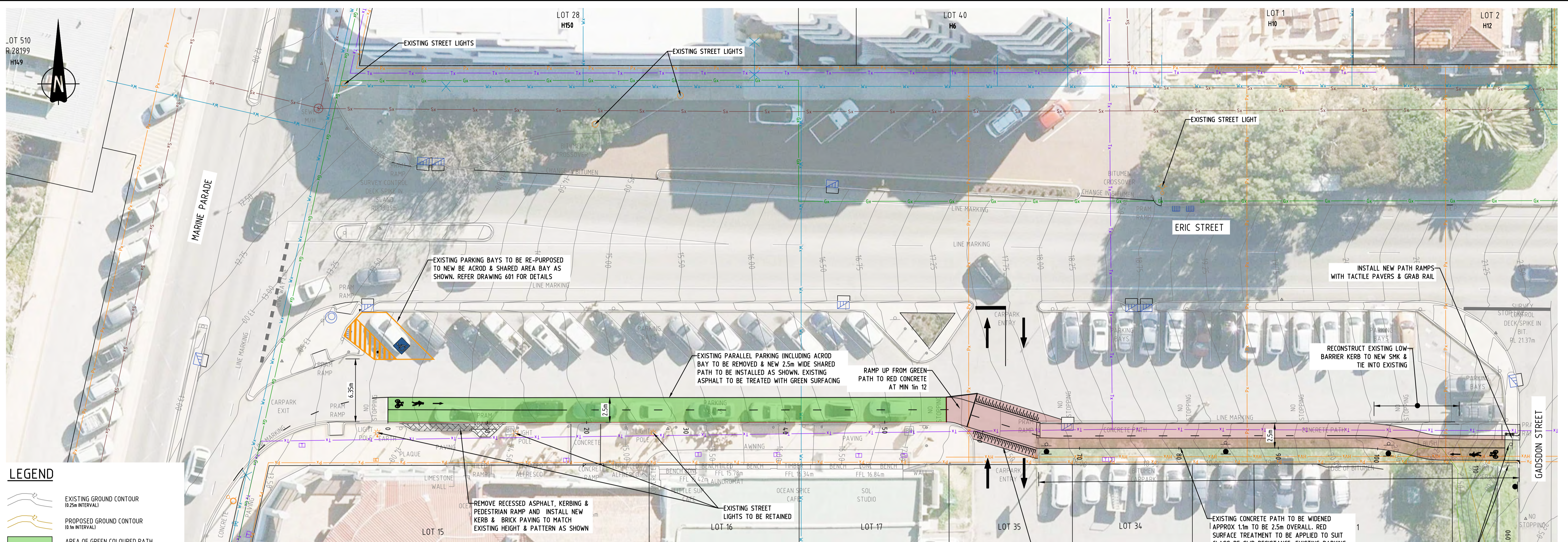
LOCALITY PLAN



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trading as Porter Consulting Engineers ABN 78 636 396 385

JOB No. 21-10-148



MARINE PDE TO GADSDON ST
PLAN SCALE 1:200

LEGEND

- EXISTING GROUND CONTOUR (0.25m INTERVAL)
- PROPOSED GROUND CONTOUR (0.1m INTERVAL)
- AREA OF GREEN COLOURED PATH ON ROAD CYCLE PATH
- AREA OF NEW CONCRETE PATH (COLOUR: 'RED OCHRE')
- AREA OF EXISTING CROSSOVER TO BE MODIFIED TO SUIT NEW PATH
- AREA OF CONNECTING CONCRETE PATHS TO BE MODIFIED TO SUIT NEW PATH
- AREA OF EXISTING PATH TO BE REMOVED
- AREA OF EXISTING BUS STOP HARD STAND
- AREA OF NATIVE PLANTING WITH MULCH AS PER T.O.C. REQUIREMENTS
- NEW CONCRETE CROSSOVER AS PER TOWN OF COTTESLOE STANDARDS
- BK DENOTES BARRIER KERB
- SMK DENOTES SEMI MOUNTABLE KERB
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL (INDICATIVE ONLY)
- EXISTING FENCE
- Sx EXISTING SEWER
- Px EXISTING SEWER PRESSURE MAIN
- Wx EXISTING WATER
- Ex EXISTING POWER
- Tx EXISTING TELECOMMUNICATIONS
- OX EXISTING OPTIC FIBRE
- Gx EXISTING GAS
- Dx EXISTING DRAINAGE

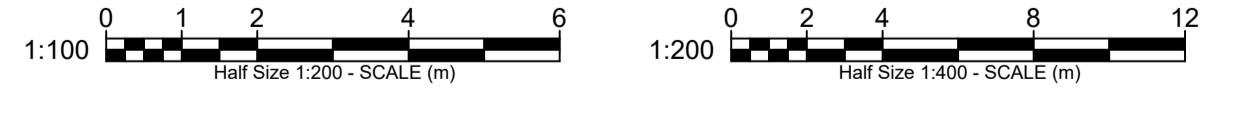


NOTE:
CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS

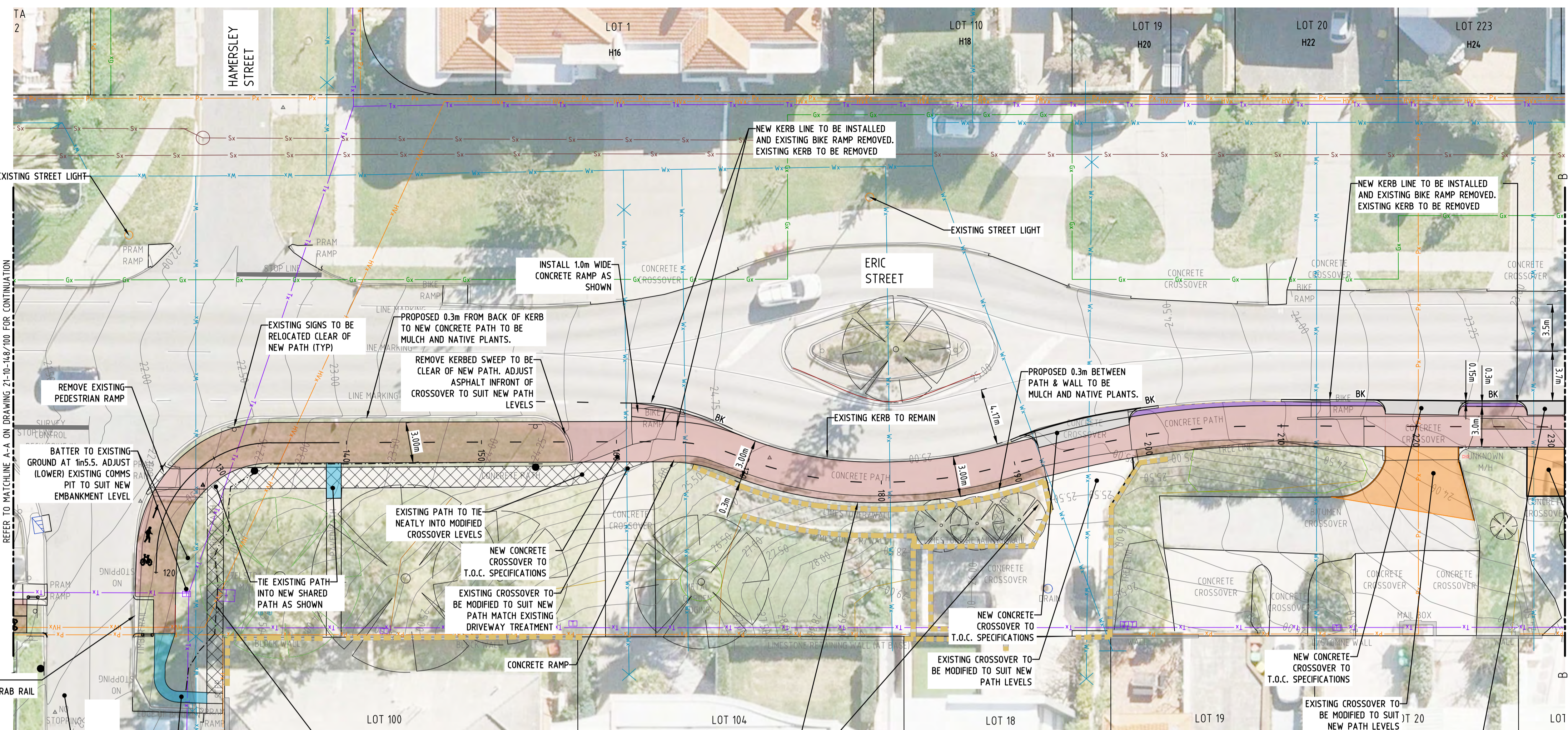
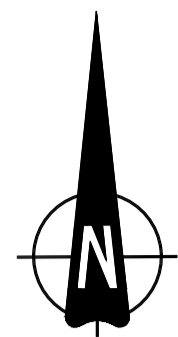
NOTE:
CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

CHAINAGE	DESIGN SURFACE	EXISTING SURFACE	PERCENTAGE
0.000	13.84	13.837	5.585%
1.160	13.90	13.902	4.518%
1.170	13.90	13.903	3.076%
2.500	13.98	13.979	4.133%
10.000	14.32	14.318	4.215%
11.500	14.36	14.364	3.882%
11.873	14.38	14.379	5.254%
12.089	14.38	14.388	6.488%
17.947	14.63	14.630	6.640%
17.964	14.63	14.631	6.445%
18.000	14.63	14.632	7.617%
20.000	14.73	14.730	6.727%
21.413	14.80	14.799	7.369%
21.424	14.80	14.799	7.846%
23.012	14.83	14.830	7.562%
23.993	14.93	14.935	7.880%
29.940	15.32	15.321	17.671%
30.000	15.33	15.325	2.459%
35.500	15.69	15.690	2.516%
35.881	15.72	15.715	
40.000	15.98	15.980	
41.886	16.10	16.103	
42.000	16.11	16.109	
47.875	16.56	16.557	
50.000	16.72	16.719	
53.863	17.01	17.013	
56.209	17.14	17.171	
57.284	17.22	17.243	
60.000	17.41	17.426	
65.767	17.61	17.814	
65.938	17.71	17.825	
70.000	18.06	18.124	
71.483	18.16	18.234	
76.007	18.68	18.746	
80.000	18.84	18.896	
86.330	19.36	19.375	
90.000	19.61	19.664	
98.059	20.21	20.299	
99.359	20.31	20.402	
100.000	20.35	20.454	
102.984	20.61	20.752	
103.359	20.80	20.818	
104.455	20.81	20.920	
106.232	21.09	21.175	
109.359	21.56	21.679	
110.000	21.65	21.793	
111.474	21.86	22.053	
112.974	21.98	22.090	
114.418	22.05	22.053	

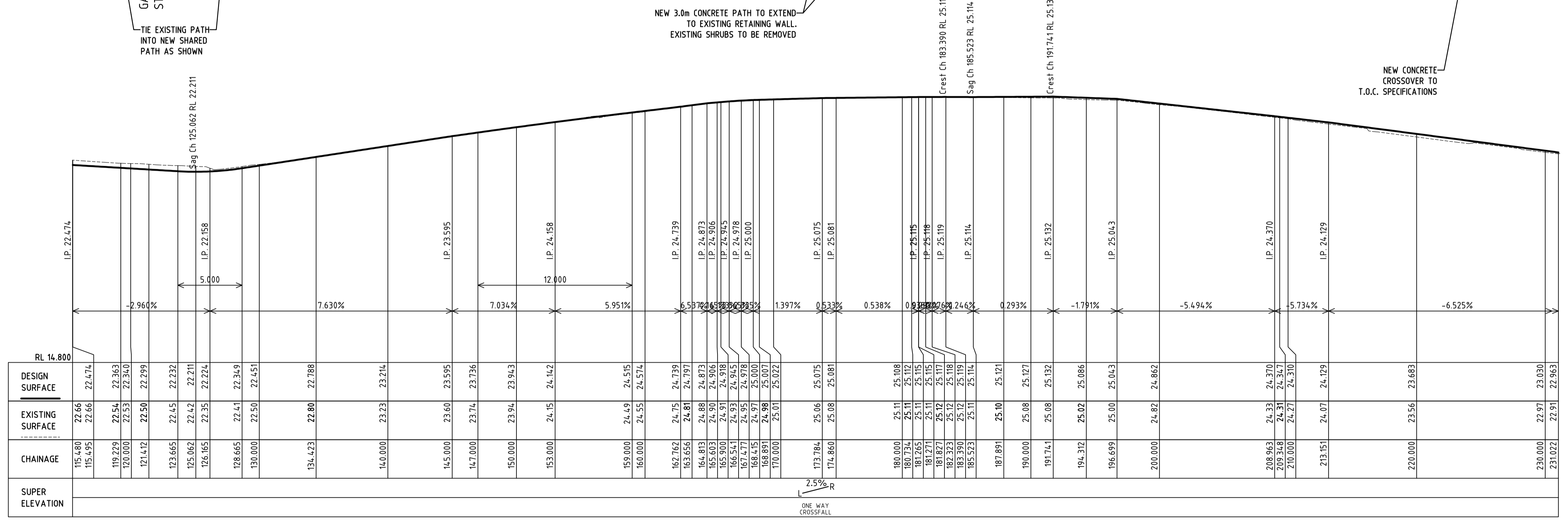
MARINE PDE TO GADSDON ST
LONGITUDINAL SECTION SCALE 1:200 (H) 1:100 (V)



<p>PROJECT:</p> <h2 style="text-align: center;">SHARED PATH ERIC STREET, COTTESLOE</h2>	<p>DATE: 11-03-2022 G 18-03-2022 E 31-1-2022 E 18-1-2022 K 06-04-2022 J 25-03-2022</p> <p>REVISION</p>	<p>MINOR AMENDMENTS - RE-ISSUED TO COUNCIL ISSUED TO COUNCIL FOR 50% DESIGN REVIEW UPDATED INTERSECTION BASED ON BPP, ART BUS AND SERVICE VEHICLE, AS PER COUNCIL REQUEST MINOR CHANGES, SMK TO BK HOUSE NUMBERS, SECTION B ADDED ALL NOTES ADDED TO THIS PLAN. PATH DEVIATED AND WIDTH REDUCED IN SECTIONS PATH ALIGNMENT RELOCATED ISSUED FOR 85% DESIGN REVIEW</p>	<p>DESIGNER: DPE DRAWN: MSJ CHECKED: MSJ DATE: 11-03-2022</p> <p>DATE: 11-03-2022</p>	<p>CLIENT:</p> <h2 style="text-align: center;">TOWN OF COTTESLOE</h2>	<p>DRAWING:</p> <h3 style="text-align: center;">SITeworks PLAN MARINE PDE TO GADSDON ST</h3> <p>STATUS: FOR APPROVAL</p>	<p>SCALE: 1:200</p> <p>DATE: JAN 2022</p> <p>DESIGN: ELW</p> <p>DRAWN: MJV</p> <p>CHECK: APPD</p>	<p>DRAWING No:</p> <h2 style="text-align: center;">21-10-148/100</h2> <p>REV No: K A1</p> <p>FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-100-106.dwg</p>
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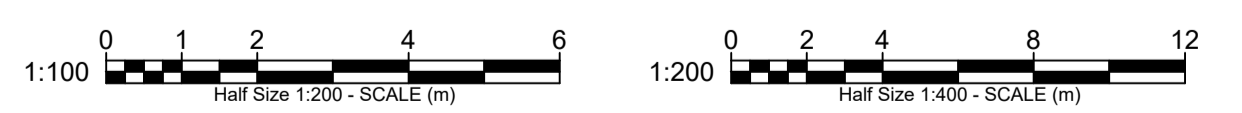


GADSDON ST TO BROOME ST
PLAN SCALE 1:200



NOTE:
CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

NOTE:
CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS



PROJECT: SHARED PATH ERIC STREET, COTTESLOE

No.	DATE	REVISION
H	17-03-2022	MINOR AMENDMENTS - RE-ISSUED TO COUNCIL
G	18-03-2022	ISSUED TO COUNCIL FOR 50% DESIGN REVIEW
F	31-1-2022	CHANGE BACK TO SMK, NEW KERB AROUND GADSDON STREET, YELLOW CONTINUITY LINE UPDATED
E	18-1-2022	MINOR CHANGES, SMK TO BK, HOUSE NUMBERS, SECTION B ADDED
D	14-1-2022	(1/200) ALL NOTES ADDED TO THIS PLAN, PATH DEVIATED AND WIDTH REDUCED IN SECTIONS
K	06-04-2022	PATH ALIGNMENT RELOCATED
J	25-03-2022	ISSUED FOR 85% DESIGN REVIEW

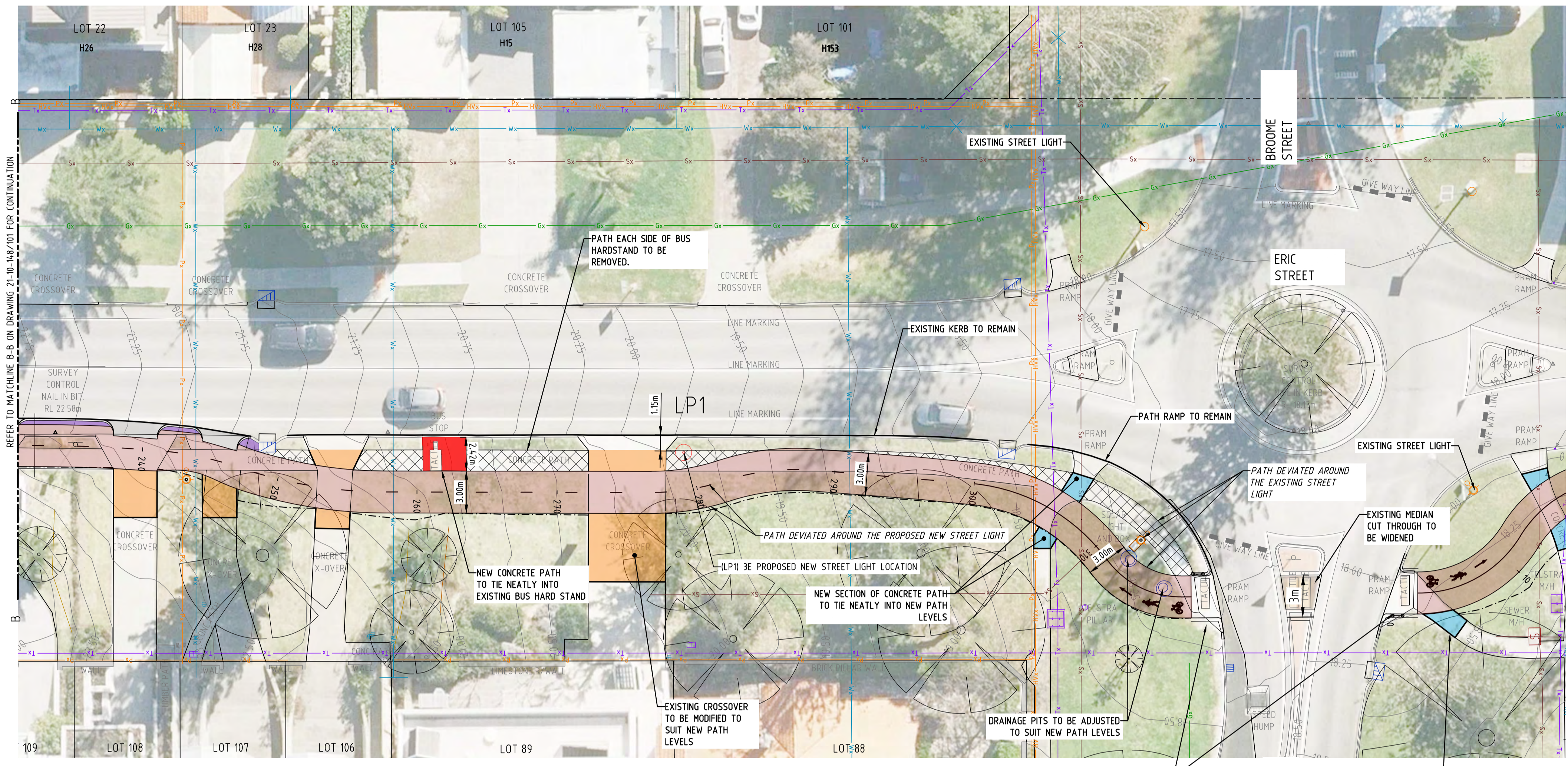
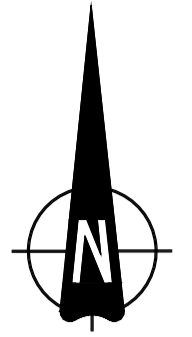
PORTER CONSULTING ENGINEERS

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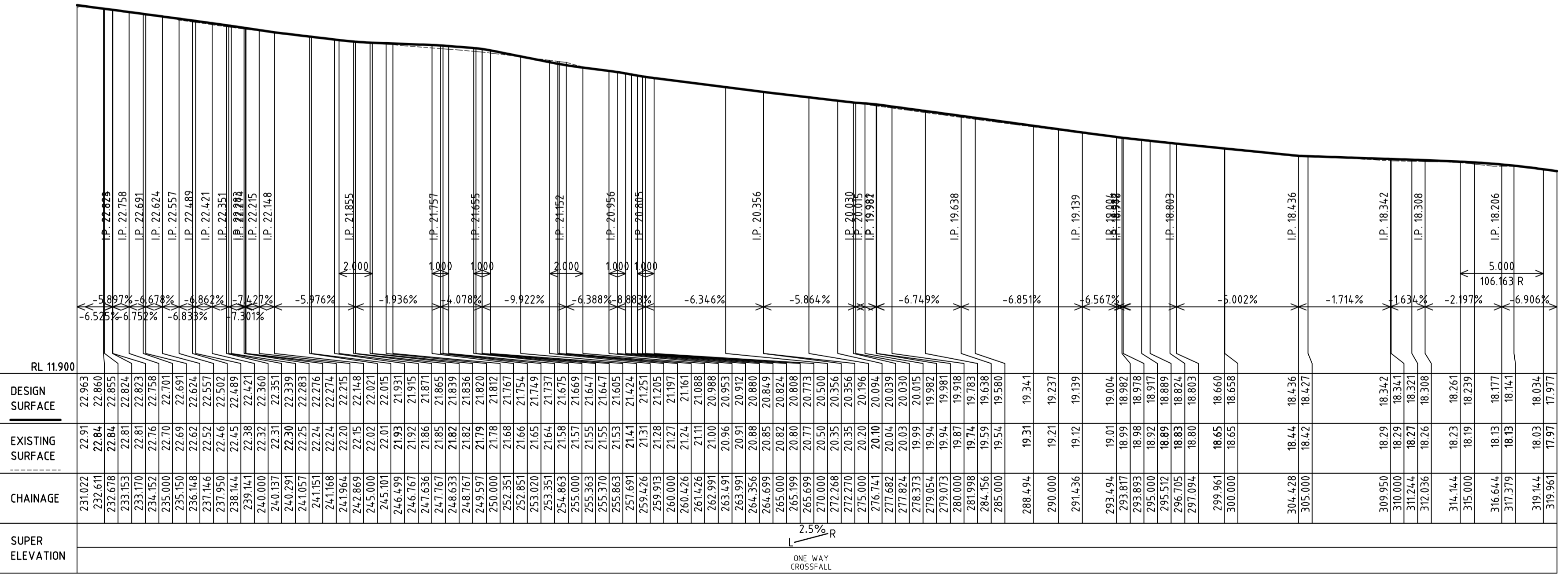
TOWN OF COTTESLOE

CLIENT: **TOWN OF COTTESLOE**

DRAWING: SITWORKS PLAN GADSDON ST TO BROOME ST SHEET 1 OF 2	SCALE: 1:200	DRAWING No:	REV No:	ORIGINAL DRAWING SIZE:
DATE: JAN 2022	DESIGN: ELW	21-10-148/101	K	A1
DRAWN: MJV	FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-100-106.dwg			
STATUS: FOR APPROVAL	CHECK: APPD			



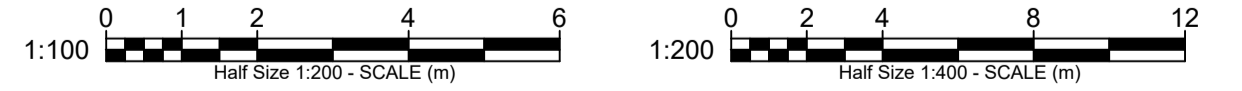
GADSDON ST TO BROOME ST
PLAN
SCALE 1:200



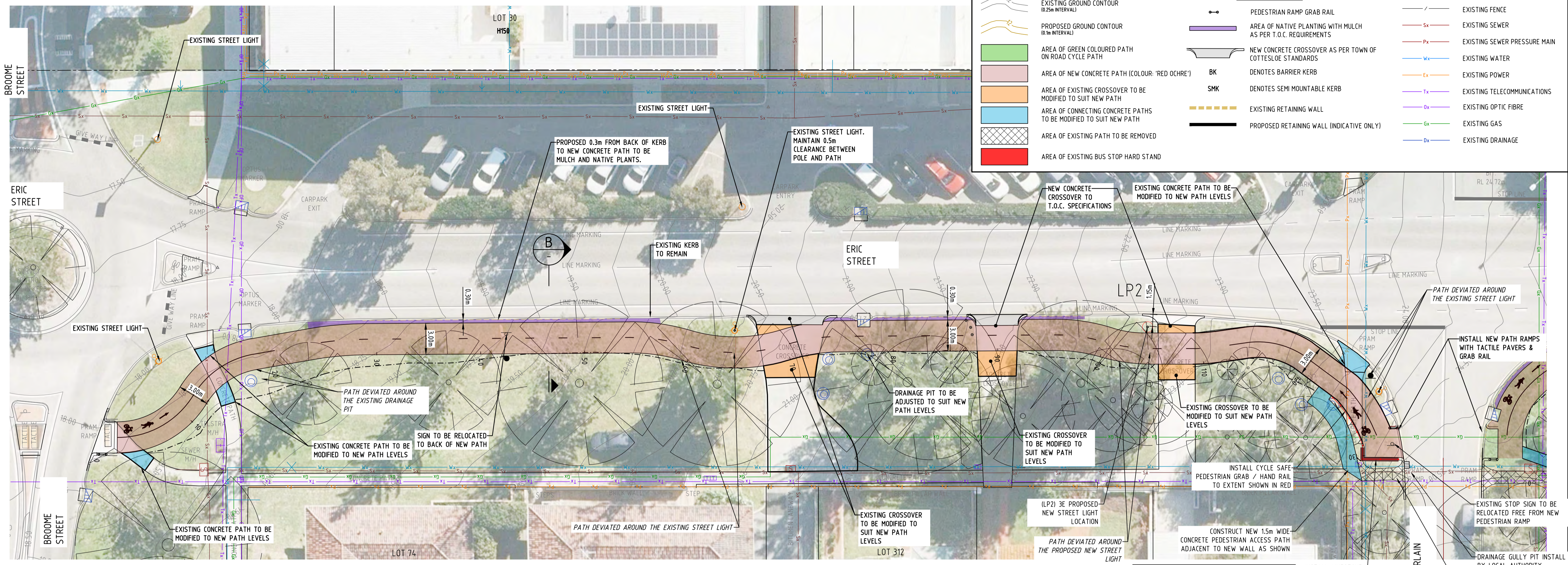
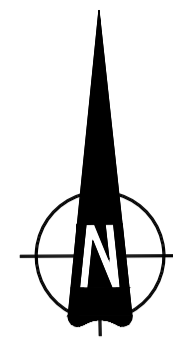
GADSDON ST TO BROOME ST
LONGITUDINAL SECTION
SCALE 1:200 (H)
1:100 (V)

NOTE:
CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

NOTE:
CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS

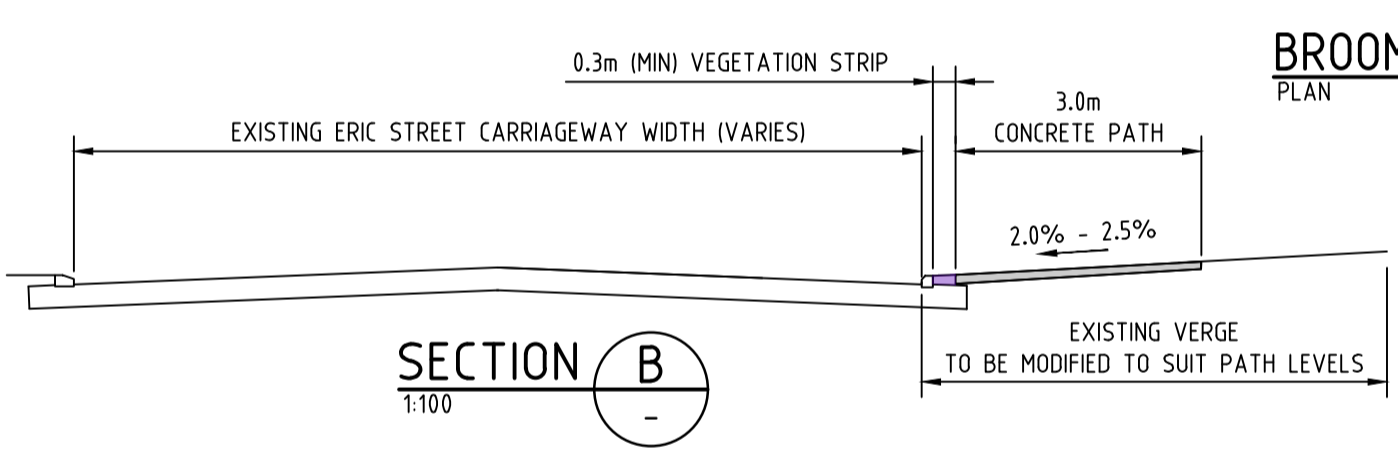


PROJECT: SHARED PATH ERIC STREET, COTTESLOE	H 17-03-2022 MINOR AMENDMENTS - RE-ISSUED TO COUNCIL G 18-03-2022 ISSUED TO COUNCIL FOR 50% DESIGN REVIEW F 31-1-2022 UPDATED YELLOW CONTINUITY LINE TO 3m, REMOVED WHITE CONTINUITY LINE E 18-1-2022 MINOR CHANGES, SMK TO BK HOUSE NUMBERS, SECTION B ADDED D 14-1-2022 (1/200) ALL NOTES ADDED TO THIS PLAN, PATH DEVIATED AND WIDTH REDUCED IN SECTIONS K 06-04-2022 MINOR CHANGE TO LEGEND J 25-03-2022 ISSUED FOR 85% DESIGN REVIEW	DPE MSJ MSJ MSJ DPE DPE BY	COPYRIGHT THE CLIENT HAS LICENSE TO USE THIS DRAWING FOR THE PROJECT ONLY. THE USER SHALL BE RESPONSIBLE FOR "SITE CHECKING" ALL DIMENSIONS BEFORE COMMENCEMENT OF WORK. CAD DRAWING DO NOT MANUALLY ALTER. ONLY PLANS WITH NUMERICAL REVISION REV '1' OR HIGHER AND SIGNED AS APPROVED SHALL BE USED FOR CONSTRUCTION.	 Level 2 Kishorn Court 58 Kishorn Road Mt Pleasant 4533 WA PO Box 936 Canning Bridge 6153 WA Tel (08) 9395 9955 Email office@portereng.com.au www.portereng.com.au	CLIENT: TOWN OF COTTESLOE	DRAWING: SITeworks PLAN GADSDON ST TO BROOME ST SHEET 2 OF 2	SCALE 1:200	DRAWING No	REV No	ORIGINAL DRAWING SIZE
							DATE JAN 2022	21-10-148/102	K	A1
STATUS: FOR APPROVAL		DESIGN ELW	FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-100-106.dwg			DRAWN MJV CHECK APPD				



LEGEND

	EXISTING GROUND CONTOUR (0.25m INTERVAL)		PEDESTRIAN RAMP GRAB RAIL		EXISTING FENCE
	PROPOSED GROUND CONTOUR (0.10m INTERVAL)		AREA OF NATIVE PLANTING WITH MULCH AS PER T.O.C. REQUIREMENTS		EXISTING SEWER
	AREA OF GREEN COLOURED PATH ON ROAD CYCLE PATH		NEW CONCRETE CROSSOVER AS PER TOWN OF COTTESLOE STANDARDS		EXISTING SEWER PRESSURE MAIN
	AREA OF NEW CONCRETE PATH (COLOUR: 'RED OCHRE')		BK DENOTES BARRIER KERB		EXISTING WATER
	AREA OF EXISTING CROSSOVER TO BE MODIFIED TO SUIT NEW PATH		SMK DENOTES SEMI MOUNTABLE KERB		EXISTING POWER
	AREA OF CONNECTING CONCRETE PATHS TO BE MODIFIED TO SUIT NEW PATH		EXISTING RETAINING WALL		EXISTING TELECOMMUNICATIONS
	AREA OF EXISTING PATH TO BE REMOVED		PROPOSED RETAINING WALL (INDICATIVE ONLY)		EXISTING OPTIC FIBRE
	AREA OF EXISTING BUS STOP HARD STAND				EXISTING GAS
					EXISTING DRAINAGE



NOTE:
NO PARKING WITHIN 10m OF HOLD LINE ON CHAMBERLAIN ST. RELOCATE EXISTING PARKING SIGNS TO SUIT

BROOME ST TO CHAMBERLAIN ST LONGITUDINAL SECTION

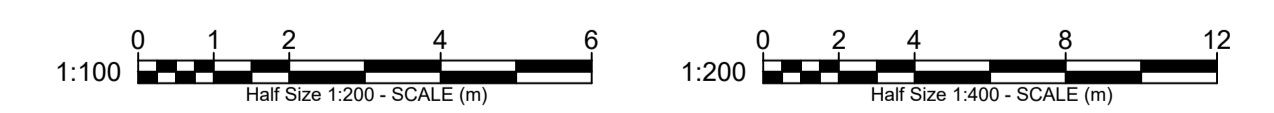
SCALE 1:200 (H) 1:100 (V)

CHAINAGE	DESIGN SURFACE	EXISTING SURFACE	GRADE (%)	VERTICAL CURVE DATA
0.000	18.106	18.106	0.000%	
1.854	18.26	18.263	0.892%	
2.744	18.26	18.263	0.892%	
2.840	18.28	18.271	-2.464%	
5.869	18.41	18.297	0.592%	
7.470	18.42	18.302	0.592%	
10.000	18.45	18.290	-2.464%	
12.167	18.42	18.261	0.592%	
14.131	18.39	18.220	-2.464%	
15.189	18.38	18.179	-2.464%	
17.578	18.37	18.157	-2.464%	
18.653	18.35	18.160	-2.464%	
18.89	18.35	18.161	-2.464%	
20.000	18.38	18.198	-2.464%	
20.189	18.41	18.228	-2.464%	
23.662	18.52	18.364	4.425%	
24.132	18.53	18.376	4.425%	
28.897	18.71	18.595	5.313%	
30.000	18.76	18.649	5.313%	
35.868	19.05	18.947	5.313%	
38.143	19.18	19.079	5.313%	
40.000	19.24	19.167	5.313%	
40.818	19.27	19.211	5.313%	
41.083	19.31	19.251	5.313%	
44.183	19.41	19.395	6.056%	
46.683	19.55	19.542	6.056%	
50.000	19.75	19.743	6.056%	
51.936	19.85	19.860	6.056%	
54.191	19.98	20.016	6.056%	
54.436	19.98	20.017	6.056%	
57.214	20.14	20.201	6.828%	
58.936	20.12	20.182	6.828%	
59.443	20.27	20.341	4.245%	
59.714	20.28	20.356	4.245%	
60.000	20.30	20.372	4.245%	
62.214	20.43	20.478	4.245%	
63.531	20.51	20.534	4.245%	
66.031	20.69	20.645	4.940%	
68.531	20.81	20.764	4.940%	
69.888	20.83	20.801	4.940%	
69.966	20.85	20.835	4.940%	
70.000	20.85	20.837	4.940%	
71.188	20.91	20.930	5.780%	
74.288	21.00	21.068	5.780%	
74.568	21.04	21.107	5.780%	
80.000	21.39	21.396	5.780%	
86.236	21.74	21.754	5.780%	
88.736	21.93	21.897	5.780%	
90.000	21.98	21.970	5.780%	
91.236	22.03	22.041	5.780%	
92.952	22.08	22.141	5.780%	
95.152	22.13	22.293	7.013%	
95.163	22.14	22.300	7.013%	
97.552	22.32	22.460	7.013%	
97.968	22.32	22.462	7.013%	
99.949	22.46	22.591	7.013%	
100.000	22.46	22.595	7.013%	
100.668	22.48	22.622	7.013%	
102.948	22.65	22.755	7.013%	
105.027	22.76	22.852	7.013%	
109.015	22.97	23.040	7.013%	
109.000	22.97	23.048	7.013%	
110.000	23.01	23.078	7.013%	
110.156	23.01	23.080	7.013%	
111.905	23.07	23.141	7.013%	
114.146	23.25	23.312	7.013%	
114.773	23.28	23.343	7.013%	
119.680	23.60	23.788	11.346%	
119.505	23.60	23.788	11.346%	
120.000	23.62	23.815	11.346%	
120.884	23.68	23.877	11.346%	
123.180	24.01	24.235	11.346%	
128.055	24.26	24.601	7.640%	
128.114	24.27	24.606	7.640%	
129.947	24.34	24.606	7.640%	
130.000	24.34	24.606	7.640%	
130.559	24.41	24.641	7.640%	
132.331	24.44	24.644	7.640%	

NOTE:
CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

NOTE:
CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS

BROOME ST TO CHAMBERLAIN ST LONGITUDINAL SECTION SCALE 1:200 (H) 1:100 (V)



PROJECT: **SHARED PATH ERIC STREET, COTTESLOE**

No.	DATE	REVISION
H	17-03-2022	MINOR AMENDMENTS - RE-ISSUED TO COUNCIL
G	18-03-2022	ISSUED TO COUNCIL FOR 50% DESIGN REVIEW
F	31-1-2022	UPDATED YELLOW CONTINUITY LINE TO 30m. REMOVED WHITE CONTINUITY LINE
E	18-1-2022	MINOR CHANGES. SMK TO BK HOUSE NUMBERS, SECTION B ADDED
D	14-1-2022	(1:200) ALL NOTES ADDED TO THIS PLAN. PATH DEVIATED AND WIDTH REDUCED IN SECTIONS
K	06-04-2022	PATH ALIGNMENT AT CHAMBERLAIN STREET ADJUSTED
J	25-03-2022	ISSUED FOR 85% DESIGN REVIEW

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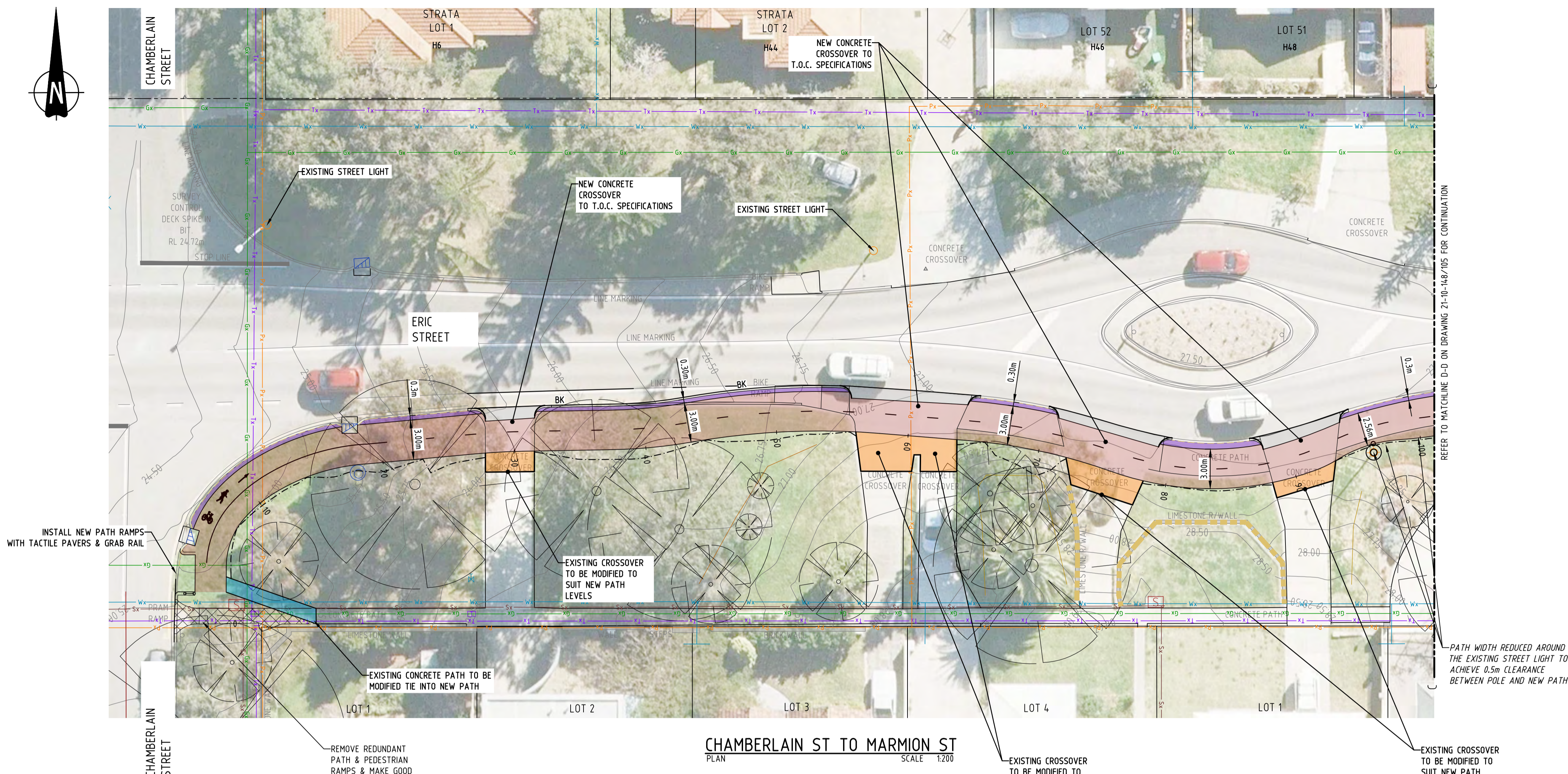
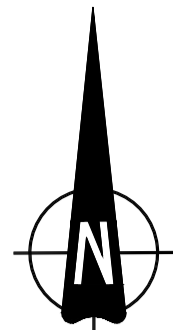
Porter Consulting Engineers
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www.portereng.com.au

CLIENT: **TOWN OF COTTESLOE**

DRAWING: **SITeworks PLAN BROOME ST TO CHAMBERLAIN ST**

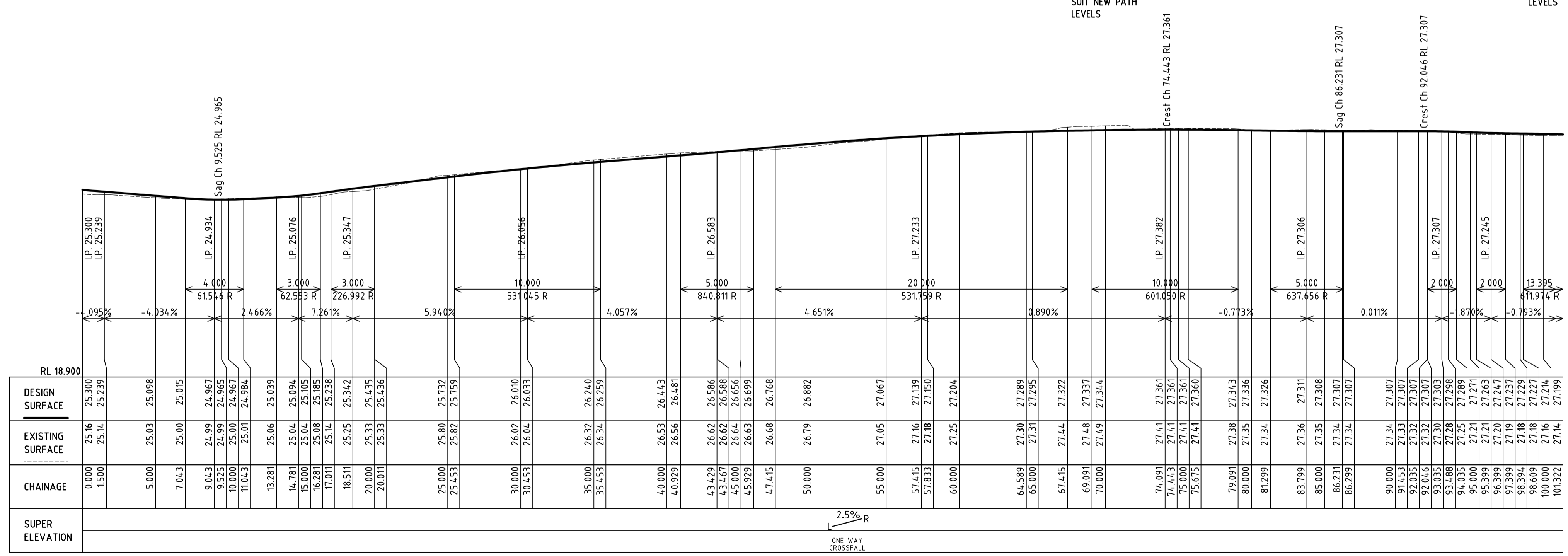
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DRAWN: MJV			
CHECK: APPD			

STATUS: **FOR APPROVAL**



LEGEND	
	EXISTING GROUND CONTOUR (0.25m INTERVAL)
	PROPOSED GROUND CONTOUR (0.1m INTERVAL)
	AREA OF GREEN COLOURED PATH ON ROAD CYCLE PATH (COLOUR: 'RED OCHRE')
	AREA OF NEW CONCRETE PATH (COLOUR: 'RED OCHRE')
	AREA OF EXISTING CROSSOVER TO BE MODIFIED TO SUIT NEW PATH
	AREA OF CONNECTING CONCRETE PATHS TO BE MODIFIED TO SUIT NEW PATH
	AREA OF EXISTING PATH TO BE REMOVED
	AREA OF EXISTING BUS STOP HARD STAND
	AREA OF NATIVE PLANTING WITH MULCH AS PER T.O.C. REQUIREMENTS
	NEW CONCRETE CROSSOVER AS PER TOWN OF COTTESLOE STANDARDS
	DKOTES BARRIER KERB
	DKOTES SEMI MOUNTABLE KERB
	EXISTING RETAINING WALL
	PROPOSED RETAINING WALL (INDICATIVE ONLY)
	EXISTING FENCE
	EXISTING SEWER
	EXISTING SEWER PRESSURE MAIN
	EXISTING WATER
	EXISTING POWER
	EXISTING TELECOMMUNICATIONS
	EXISTING OPTIC FIBRE
	EXISTING GAS
	EXISTING DRAINAGE
	PEDESTRIAN RAMP GRAB RAIL

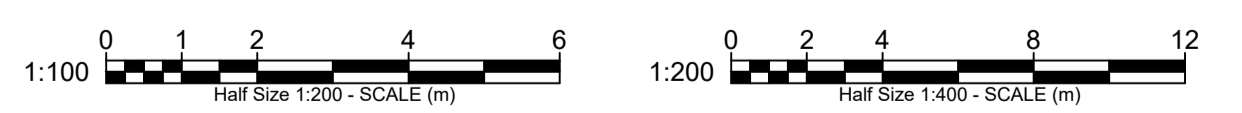
CHAMBERLAIN ST TO MARMION ST
PLAN
SCALE 1:200



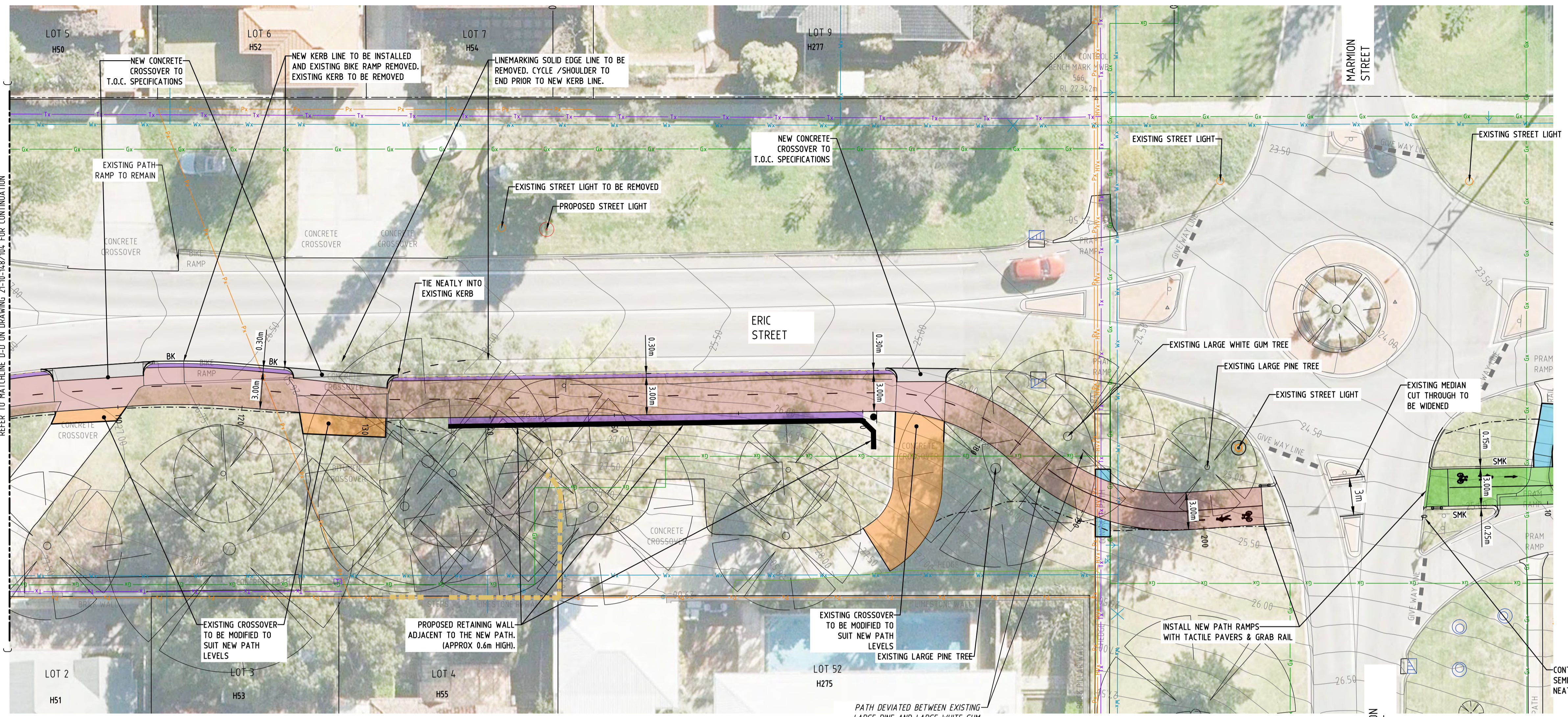
CHAMBERLAIN ST TO MARMION ST
LONGITUDINAL SECTION
SCALE 1:200 (H)
1:100 (V)

NOTE:
CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

NOTE:
CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS

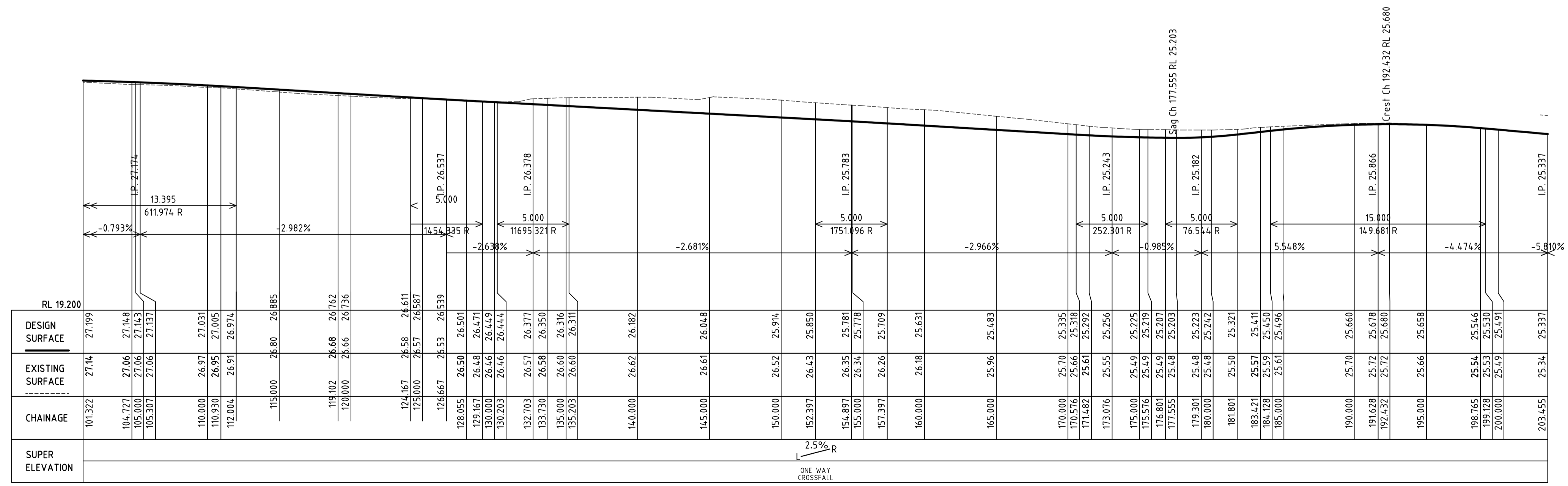


PROJECT: SHARED PATH ERIC STREET, COTTESLOE	G 04-04-2022 MINOR CHANGE TO LEGEND F 25-03-2022 ISSUED FOR 85% DESIGN REVIEW E 17-03-2022 MINOR AMENDMENTS - RE-ISSUED TO COUNCIL D 10-03-2022 ISSUED TO COUNCIL FOR 50% DESIGN REVIEW C 01-2-2022 ISSUED TO COUNCIL B 18-1-2022 MINOR CHANGES SMK TO BK HOUSE NUMBERS, SECTION B ADDED A 14-1-2022 (1/200) ALL NOTES ADDED TO THIS PLAN. PATH DEVIATED AND WIDTH REDUCED IN SECTIONS	DPE DPE DPE DPE MJV MJV MJV MJV	Porter Consulting Engineers Level 2 Kishorn Court 58 Kishorn Road Mt Pleasant 5533 WA PO Box 336 Canning Bridge 6153 WA Tel (08) 9395 9955 Email: office@portereng.com.au www.portereng.com.au	CLIENT: TOWN OF COTTESLOE	DRAWING: SITWORKS PLAN CHAMBERLAIN ST TO MARMION ST SHEET 1 OF 2	SCALE: 1:200	DRAWING No:	REV No:	ORIGINAL DRAWING SIZE:
					DATE: JAN 2022	21-10-148/104	G	A1	
					DESIGN: ELW				
					DRAWN: MJV	FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-100-106.dwg			
STATUS: FOR APPROVAL		CHECK:	APPD:						



- ### LEGEND
- EXISTING GROUND CONTOUR (0.25m INTERVAL)
 - PROPOSED GROUND CONTOUR (0.1m INTERVAL)
 - AREA OF GREEN COLOURED PATH ON ROAD CYCLE PATH
 - AREA OF NEW CONCRETE PATH (COLOUR: 'RED OCHRE')
 - AREA OF EXISTING CROSSOVER TO BE MODIFIED TO SUIT NEW PATH
 - AREA OF CONNECTING CONCRETE PATHS TO BE MODIFIED TO SUIT NEW PATH
 - AREA OF EXISTING PATH TO BE REMOVED
 - AREA OF EXISTING BUS STOP HARD STAND
 - AREA OF NATIVE PLANTING WITH MULCH AS PER T.O.C. REQUIREMENTS
 - NEW CONCRETE CROSSOVER AS PER TOWN OF COTTESLOE STANDARDS
 - BK DENOTES BARRIER KERB
 - SMK DENOTES SEMI-MOUNTABLE KERB
 - EXISTING RETAINING WALL
 - PROPOSED RETAINING WALL (INDICATIVE ONLY)
 - EXISTING FENCE
 - EXISTING SEWER
 - EXISTING SEWER PRESSURE MAIN
 - EXISTING WATER
 - EXISTING POWER
 - EXISTING TELECOMMUNICATIONS
 - EXISTING OPTIC FIBRE
 - EXISTING GAS
 - EXISTING DRAINAGE
 - PEDESTRIAN RAMP GRAB RAIL

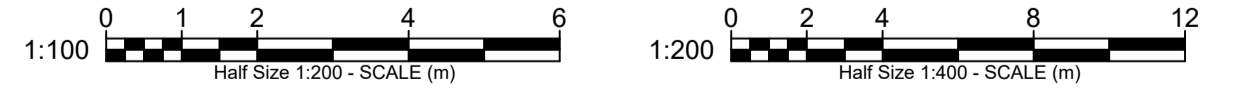
CHAMBERLAIN ST TO MARMION ST
PLAN SCALE 1:200



CHAMBERLAIN ST TO MARMION ST
LONGITUDINAL SECTION SCALE 1:200 (H) 1:100 (V)

NOTE:
CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

NOTE:
CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS



PROJECT: **SHARED PATH ERIC STREET, COTTESLOE**

No.	DATE	REVISION
K	04-01-2022	MINOR CHANGE TO LEGEND
F	25-03-2022	ISSUED FOR 85% DESIGN REVIEW
E	17-03-2022	MINOR AMENDMENTS - RE-ISSUED TO COUNCIL
D	10-03-2022	ISSUED TO COUNCIL FOR 50% DESIGN REVIEW
C	31-1-2022	UPDATED NEW KERB TO BK ALONG VERGE SIDE OF ON ROAD PATH. BK TO REMAIN ON ROAD SIDE.
B	18-1-2022	MINOR CHANGES SMK TO BK HOUSE NUMBERS, SECTION B ADDED
A	14-1-2022	(1/200) ALL NOTES ADDED TO THIS PLAN. PATH DEVIATED AND WIDTH REDUCED IN SECTIONS

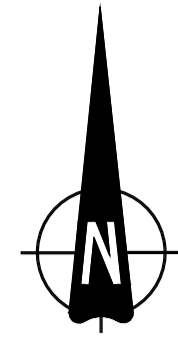
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Email: office@portereng.com.au
www.portereng.com.au

CLIENT: **TOWN OF COTTESLOE**

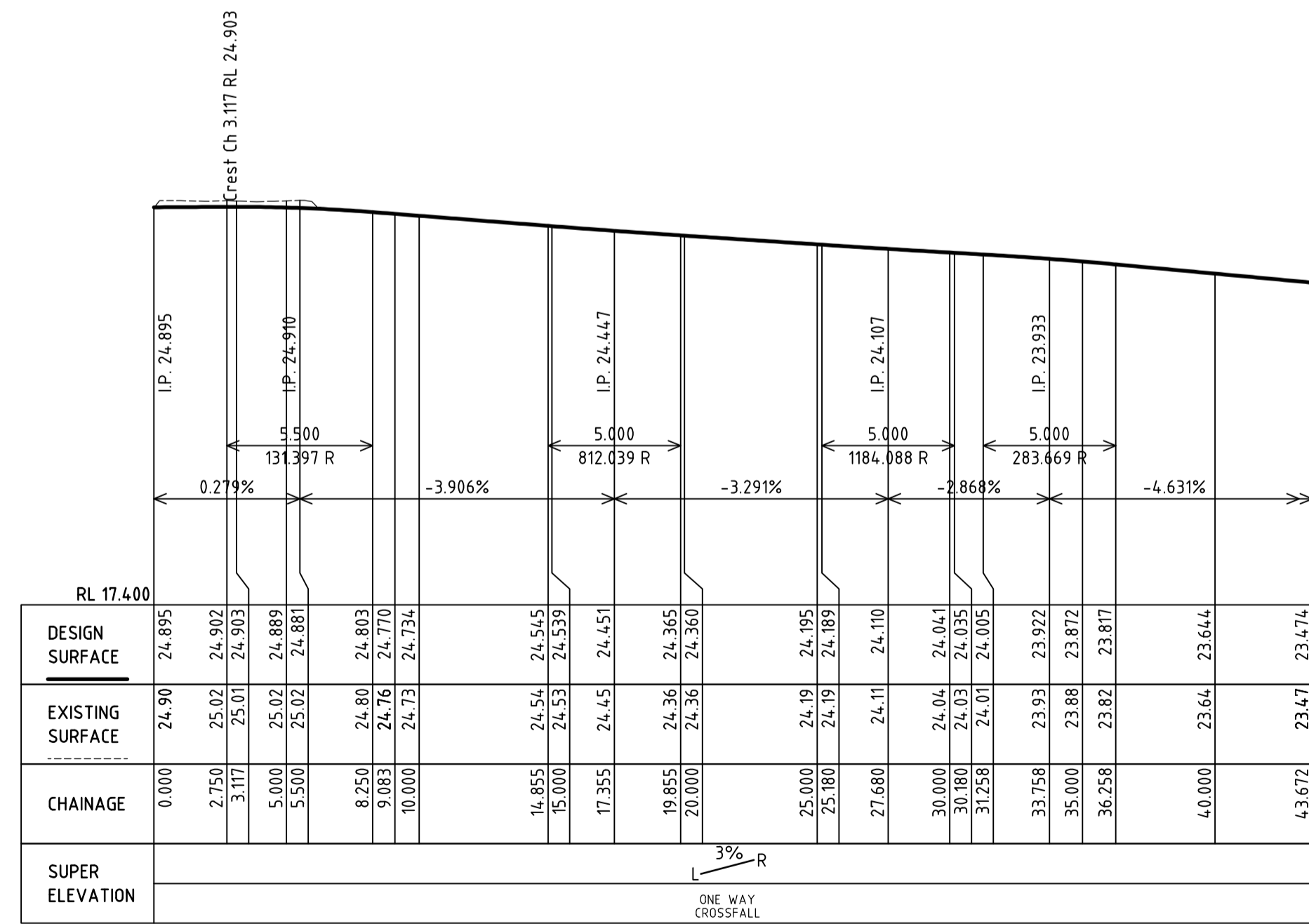
DRAWING: **SITWORKS PLAN CHAMBERLAIN ST TO MARMION ST SHEET 2 OF 2**

SCALE: 1:200	DRAWING No: 21-10-148/105	REV No: G	ORIGINAL DRAWING SIZE: A1
DATE: JAN 2022	DESIGN: ELW	DRAWN: MJV	FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-100-106.dwg
STATUS: FOR APPROVAL	CHECK: APPD		



REFER TO MATCHLINE F-F ON DRAWING 21-10-148/106 FOR CONTINUATION

MARMION ST TO CHARLES ST
PLAN SCALE 1:200



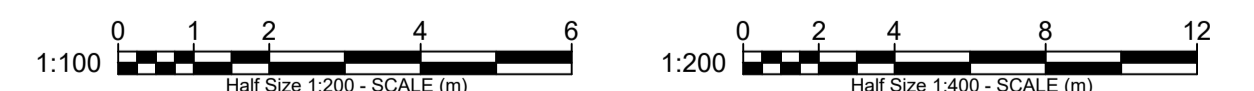
MARMION ST TO CHARLES ST
LONGITUDINAL SECTION SCALE 1:200 (H)
1:100 (V)

LEGEND

	EXISTING GROUND CONTOUR (0.25m INTERVAL)		PEDESTRIAN RAMP GRAB RAIL		EXISTING FENCE
	PROPOSED GROUND CONTOUR (0.5m INTERVAL)		AREA OF NATIVE PLANTING WITH MULCH AS PER T.O.C. REQUIREMENTS		EXISTING SEWER
	AREA OF GREEN COLOURED PATH ON ROAD CYCLE PATH		NEW CONCRETE CROSSOVER AS PER TOWN OF COTTESLOE STANDARDS		EXISTING SEWER PRESSURE MAIN
	AREA OF NEW CONCRETE PATH (COLOUR: 'RED OCHRE')		BK DENOTES BARRIER KERB		EXISTING WATER
	AREA OF EXISTING CROSSOVER TO BE MODIFIED TO SUIT NEW PATH		SMK DENOTES SEMI MOUNTABLE KERB		EXISTING POWER
	AREA OF CONNECTING CONCRETE PATHS TO BE MODIFIED TO SUIT NEW PATH		EXISTING RETAINING WALL		EXISTING TELECOMMUNICATIONS
	AREA OF EXISTING PATH TO BE REMOVED		PROPOSED RETAINING WALL (INDICATIVE ONLY)		EXISTING OPTIC FIBRE
	AREA OF EXISTING BUS STOP HAND STAND				EXISTING GAS
					EXISTING DRAINAGE

NOTE:
CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

NOTE:
CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS



PROJECT: **SHARED PATH**
ERIC STREET, COTTESLOE

No.	DATE	REVISION
G	04-04-2022	MINOR CHANGE TO LEGEND
F	25-03-2022	ISSUED FOR 85% DESIGN REVIEW
E	17-03-2022	MINOR AMENDMENTS - RE-ISSUED TO COUNCIL
D	10-03-2022	ISSUED TO COUNCIL FOR 50% DESIGN REVIEW
C	01-2-2022	ISSUED TO COUNCIL
B	18-1-2022	MINOR CHANGES SMK TO BK HOUSE NUMBERS, SECTION B ADDED
A	14-1-2022	(1/200) ALL NOTES ADDED TO THIS PLAN. PATH DEVIATED AND WIDTH REDUCED IN SECTIONS

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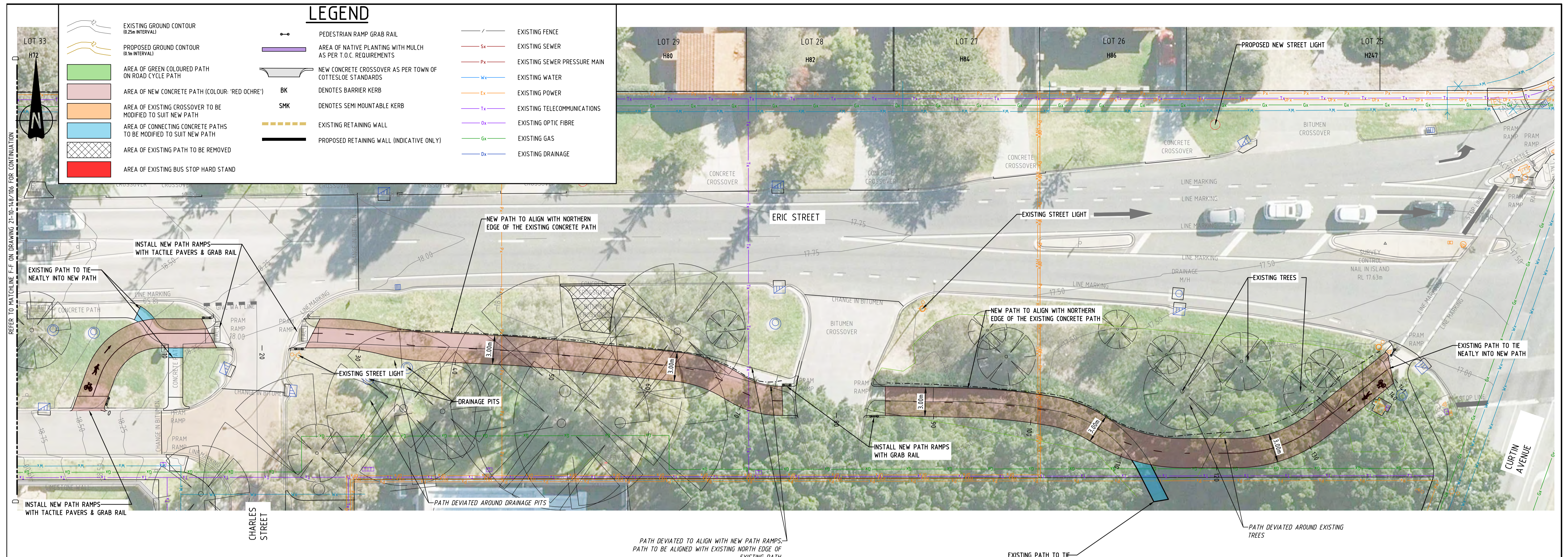
Porter Consulting Engineers
Level 2 Kishorn Court
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Mt Pleasant 6553 WA
PO Box 936
Canning Bridge 6153 WA
Tel: (08) 9315 9955
Email: office@portereng.com.au
www.portereng.com.au

CLIENT: **TOWN OF COTTESLOE**

DRAWING: **SITeworks PLAN**
MARMION ST TO CHARLES ST

SCALE: 1:200	DRAWING No:	REV No:	ORIGINAL DRAWING SIZE:
DATE: JAN 2022	21-10-148/106	G	A1
DESIGN: ELW	FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-100-106.dwg		
DRAWN: MJV			
CHECK:	APPD:		

STATUS: **FOR APPROVAL**



CHARLES ST TO CURTIN AVE
PLAN SCALE 1:200

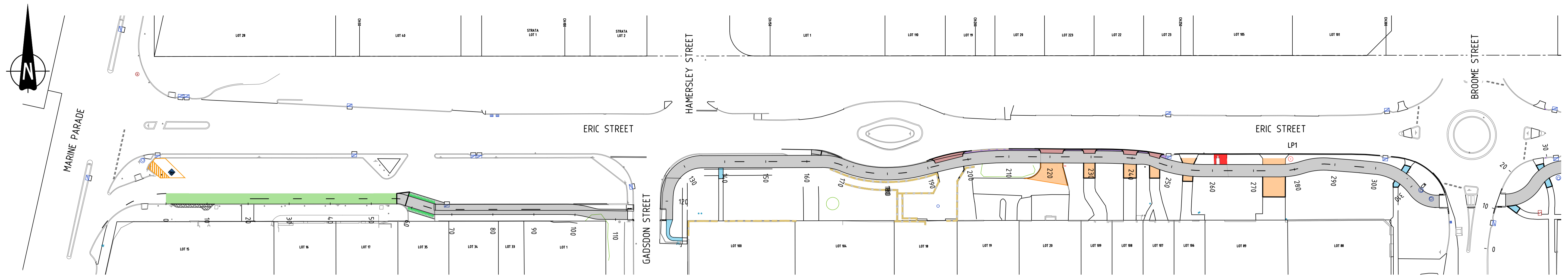
CHAINAGE	DESIGN SURFACE	EXISTING SURFACE	SUPER ELEVATION	PERCENT GRADE	VERTICAL CURVE DATA
0.000	18.357	18.36	ONE WAY CROSSFALL	7.533%	Crest Ch 4.620 RL 18.504
1.500	18.470	18.47		1.284%	
3.000	18.500	18.494		4.440%	
4.500	18.520	18.497		2.590%	
6.000	18.510	18.504		0.739%	Sag Ch 17.025 RL 17.906
7.500	18.494	18.494		1.768%	Crest Ch 20.000 RL 17.928
9.000	18.444	18.426		1.095%	
10.500	18.388	18.365		1.894%	
12.000	18.342	18.342		-1.452%	
13.500	18.298	18.298	CHARLES ST	0.583%	
15.000	18.252	18.252		5.000%	
16.500	18.206	18.203		5.000%	
18.000	18.160	18.158		5.000%	
19.500	18.114	18.111		0.074%	
21.000	18.068	18.064		2.794%	
22.500	18.022	18.019		0.366%	
24.000	17.976	17.972		-3.747%	
25.500	17.930	17.926		-4.411%	
27.000	17.884	17.874		-2.888%	
28.500	17.838	17.826		3.946%	
30.000	17.792	17.774			
31.500	17.746	17.721			
33.000	17.700	17.668			
34.500	17.654	17.614			
36.000	17.608	17.556			
37.500	17.562	17.492			
39.000	17.516	17.424			
40.500	17.470	17.356			
42.000	17.424	17.220			
43.500	17.378	17.000			
45.000	17.332	16.576			
46.500	17.286	16.052			
48.000	17.240	15.528			
49.500	17.194	15.004			
51.000	17.148	14.480			
52.500	17.102	13.956			
54.000	17.056	13.432			
55.500	17.010	12.908			
57.000	16.964	12.384			
58.500	16.918	11.860			
60.000	16.872	11.336			
61.500	16.826	10.812			
63.000	16.780	10.288			
64.500	16.734	9.764			
66.000	16.688	9.240			
67.500	16.642	8.716			
69.000	16.596	8.192			
70.500	16.550	7.668			
72.000	16.504	7.144			
73.500	16.458	6.620			
75.000	16.412	6.096			
76.500	16.366	5.572			
78.000	16.320	5.048			
79.500	16.274	4.524			
81.000	16.228	3.999			
82.500	16.182	3.475			
84.000	16.136	2.951			
85.500	16.090	2.427			
87.000	16.044	1.903			
88.500	16.000	1.379			
90.000	15.954	0.855			
91.500	15.910	0.331			
93.000	15.864	-0.193			
94.500	15.820	-0.717			
96.000	15.774	-1.241			
97.500	15.730	-1.765			
99.000	15.684	-2.289			
100.000	15.640	-2.813			
101.500	15.594	-3.337			
103.000	15.550	-3.861			
104.500	15.504	-4.385			
106.000	15.460	-4.909			
107.500	15.414	-5.433			
109.000	15.370	-5.957			
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112.000	15.280	-7.005			
113.500	15.234	-7.529			
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116.500	15.144	-8.577			
118.000	15.100	-9.101			
119.500	15.054	-9.625			
121.000	15.010	-10.149			
122.500	14.964	-10.673			
124.000	14.920	-11.197			
125.500	14.874	-11.721			
127.000	14.830	-12.245			
128.500	14.784	-12.769			
130.000	14.740	-13.293			
131.500	14.694	-13.817			
133.000	14.650	-14.341			
134.500	14.604	-14.865			
136.000	14.560	-15.389			
137.500	14.514	-15.913			
139.000	14.470	-16.437			
140.000	14.424	-16.961			
141.216	14.378	-17.485			

NOTE: CONTRACTOR SHALL TRIM ALL EXISTING TREE BRANCHES THAT OVER HANG THE NEW PATH WORKS TO ACHIEVE 2.5m VERTICAL CLEARANCE

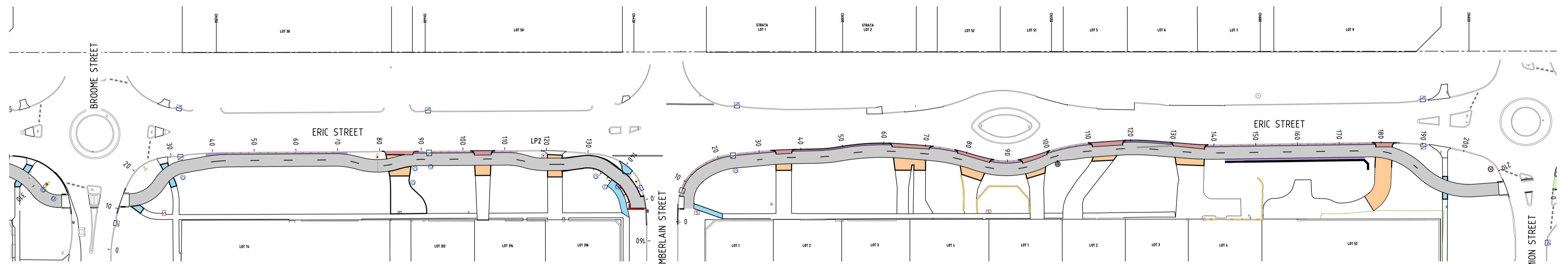
NOTE: CONTRACTOR SHALL LOCATE AND MODIFY ALL EXISTING RETICULATION IN VERGES TO SUIT NEW PATH WORKS

CHARLES ST TO CURTIN AVE
LONGITUDINAL SECTION SCALE 1:200 (H) 1:100 (V)



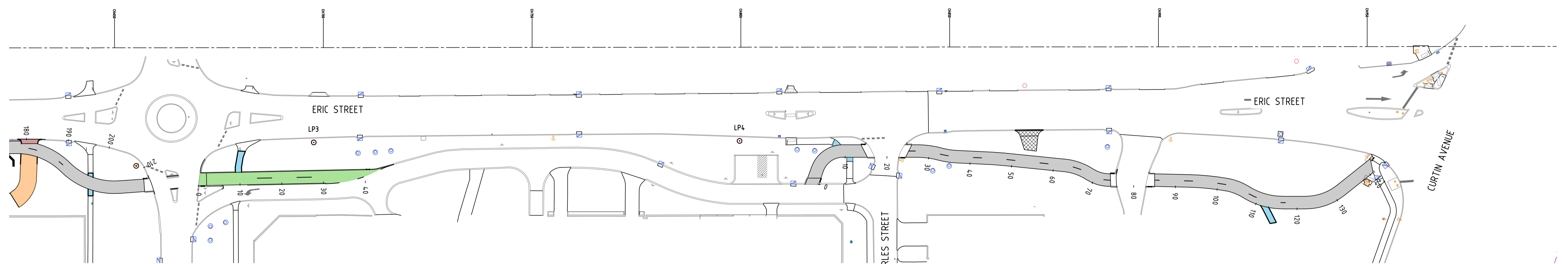


MARINE PDE TO GADSDON ST
REFER DRG 411 FOR CROSS SECTIONS SCALE 1:500



BROOME ST TO CHAMBERLAIN ST
REFER DRG 412 FOR CROSS SECTIONS SCALE 1:500

CHAMBERLAIN ST TO MARMION ST
REFER DRG 413 FOR CROSS SECTIONS SCALE 1:500



MARMION ST TO CHARLES ST
REFER DRG 414 FOR CROSS SECTIONS SCALE 1:500

CHARLES ST TO CURTIN AVE
REFER DRG 414 FOR CROSS SECTIONS SCALE 1:500



PROJECT:
**SHARED PATH
ERIC STREET, COTTESLOE**

NO.	DATE	REVISION
C	06-04-2022	RE-ISSUED FOR 85% DESIGN REVIEW
B	25-03-2022	ISSUED FOR 85% DESIGN REVIEW
A	10-03-2022	ISSUED TO COUNCIL FOR 50% DESIGN REVIEW

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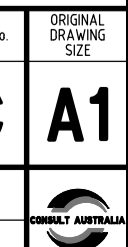
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CLIENT:
TOWN OF COTTESLOE

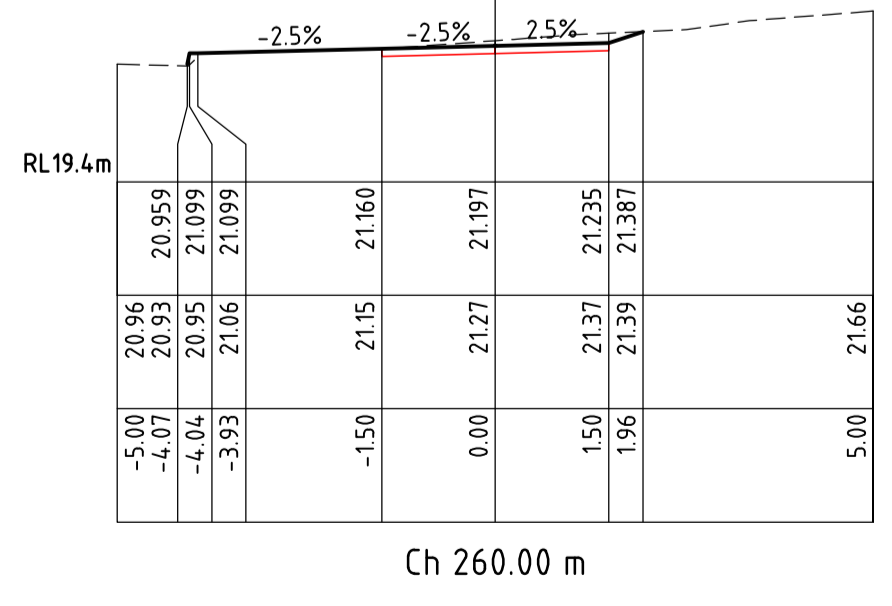
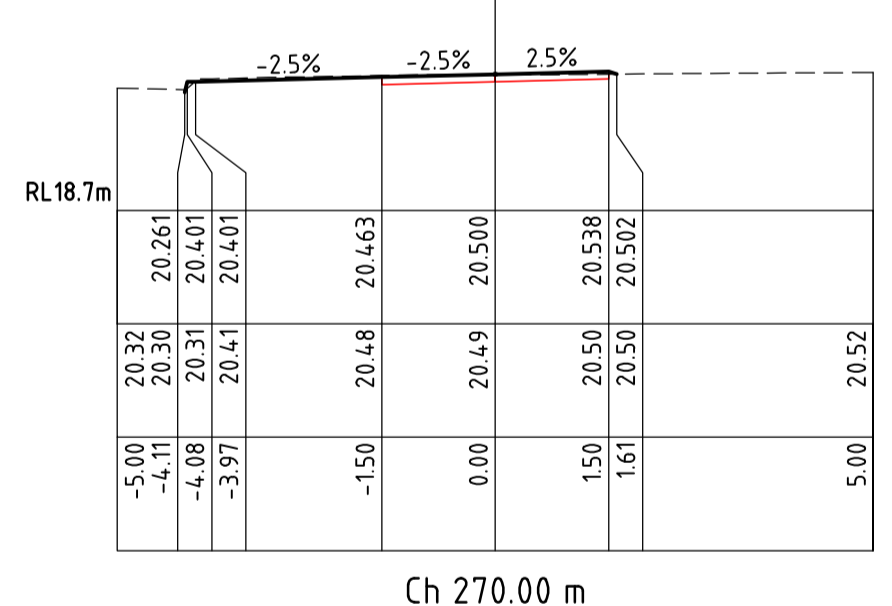
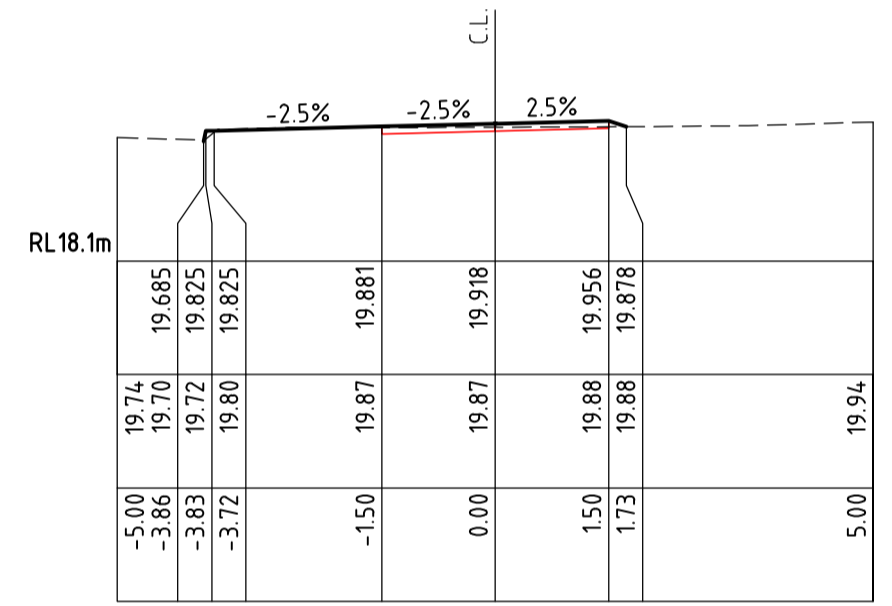
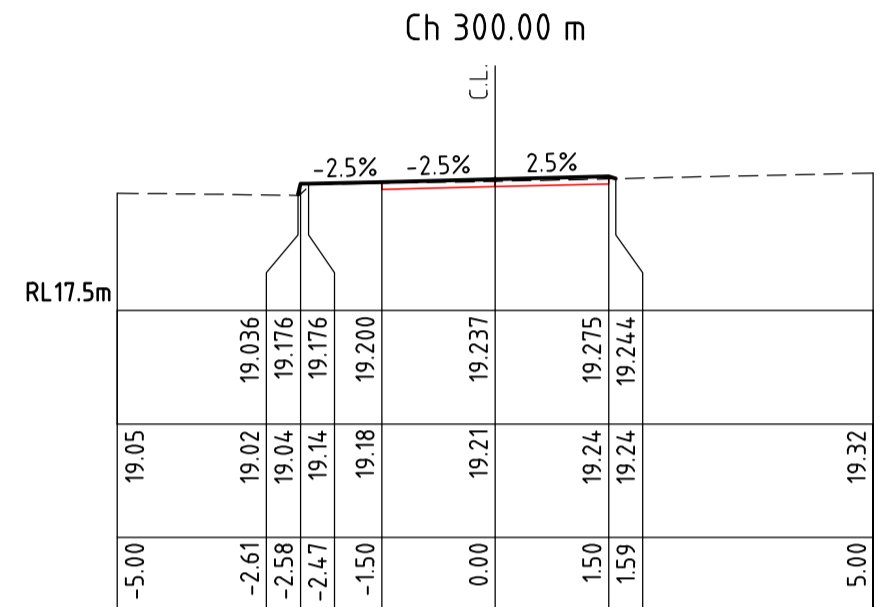
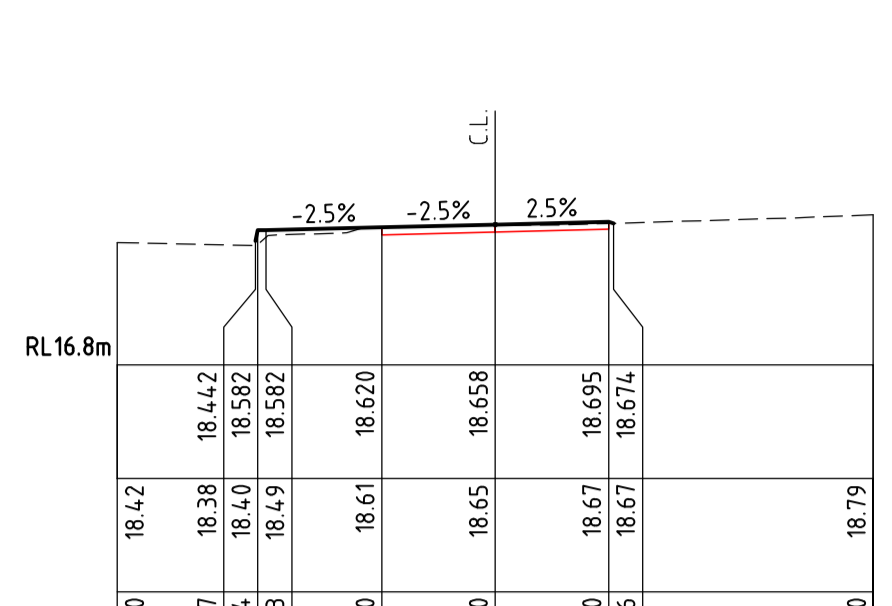
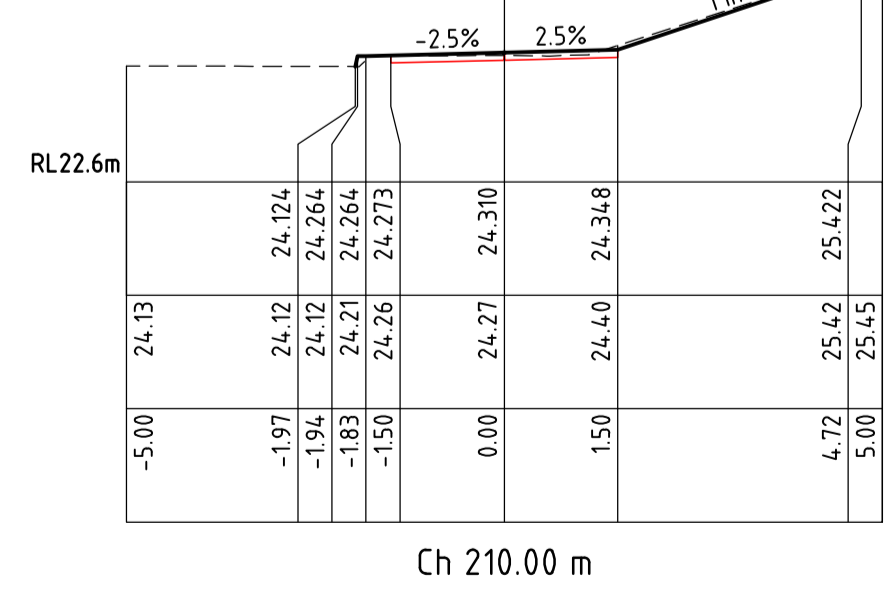
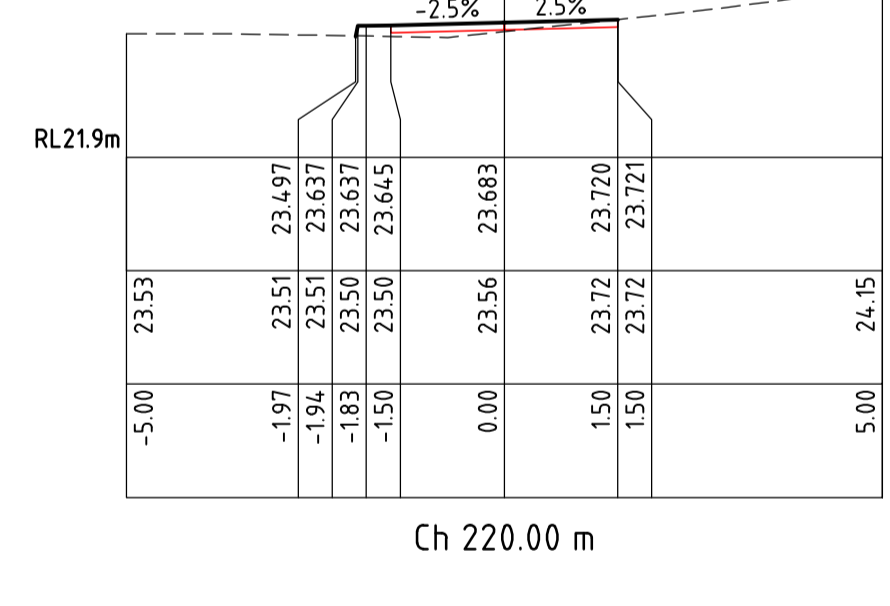
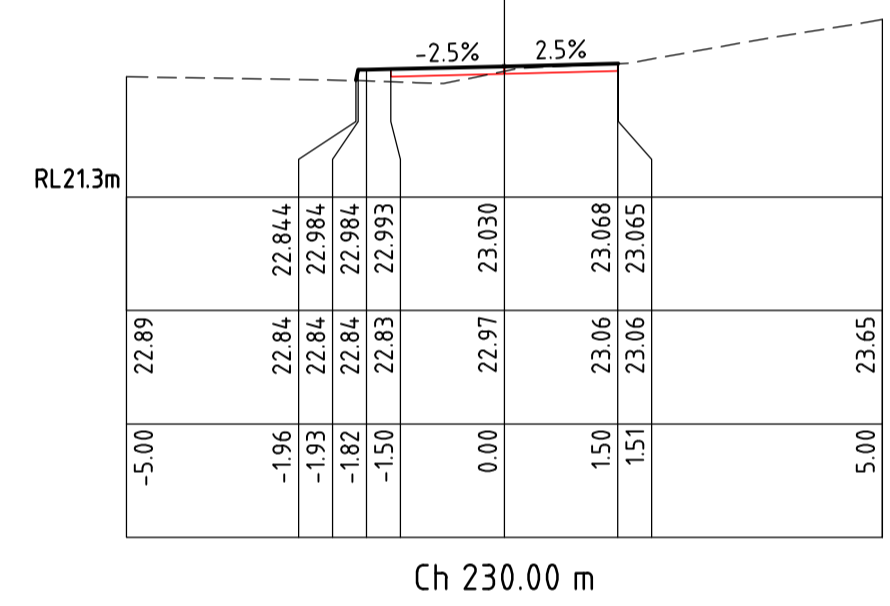
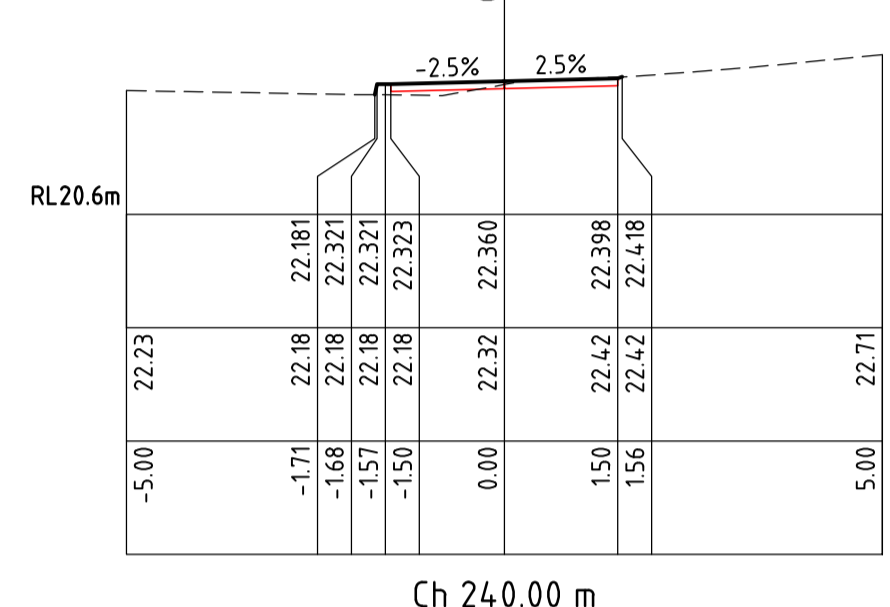
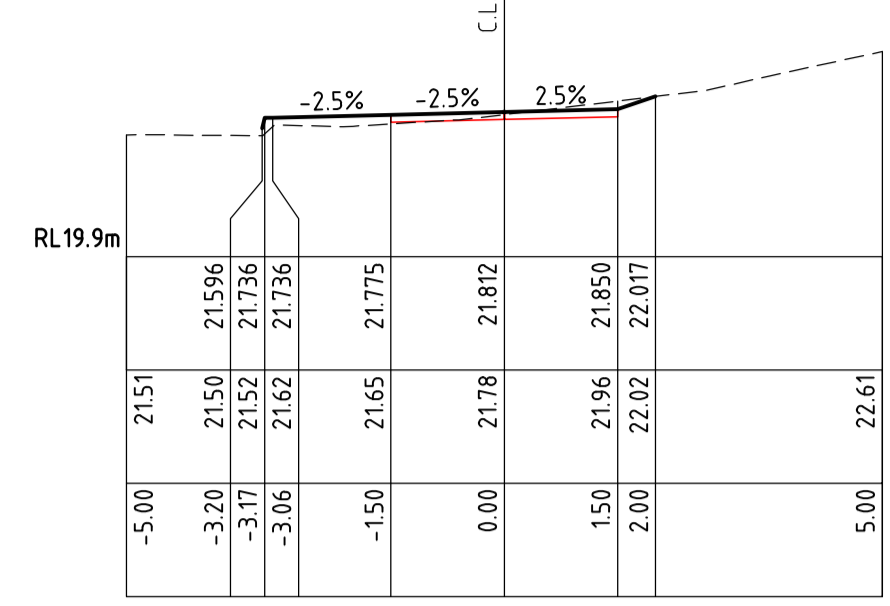
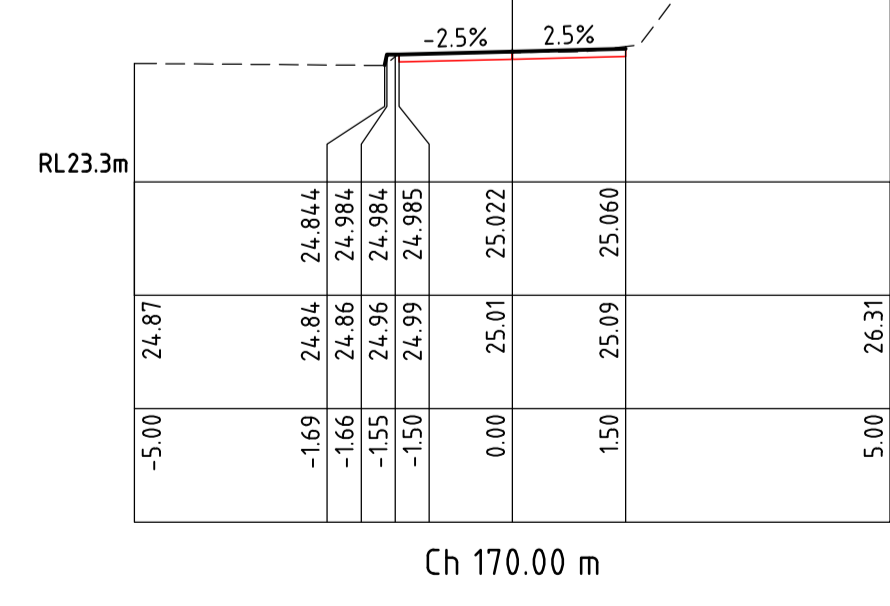
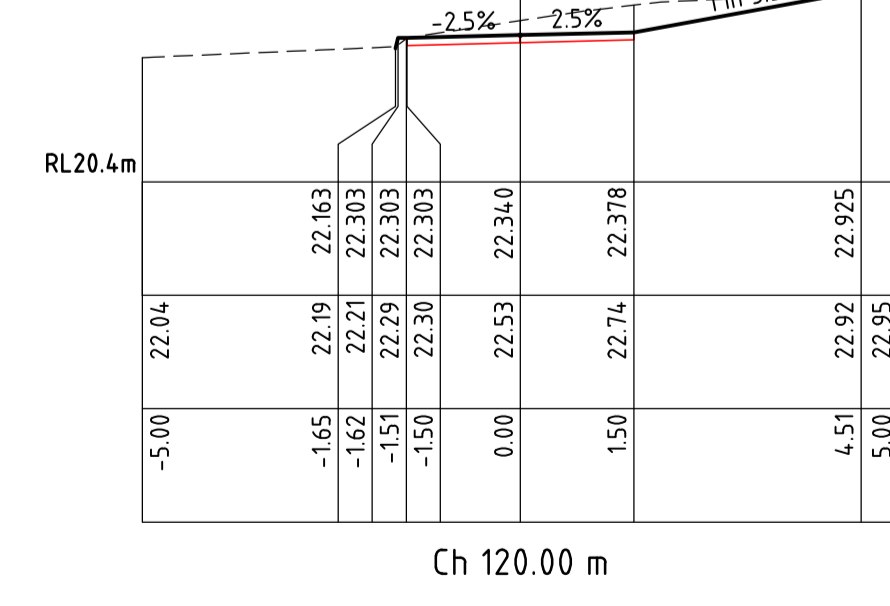
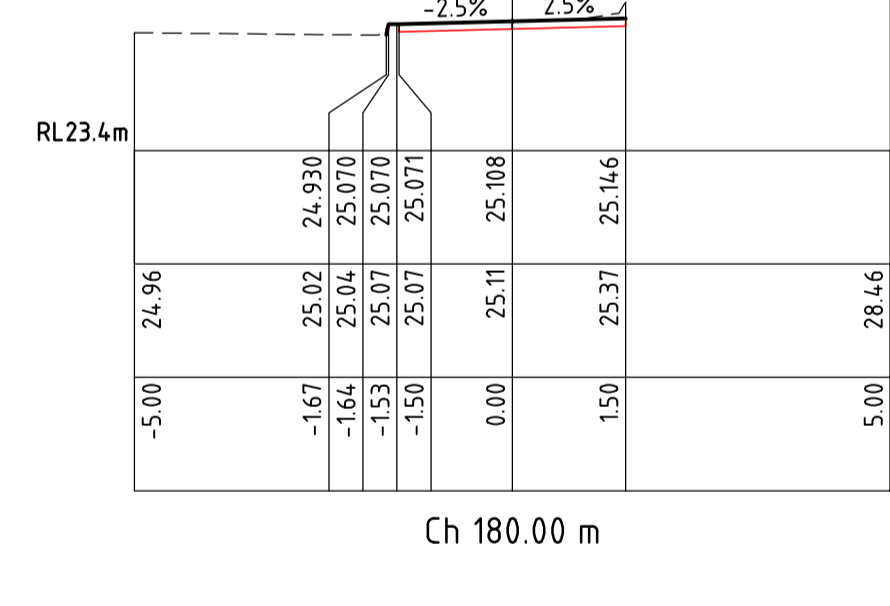
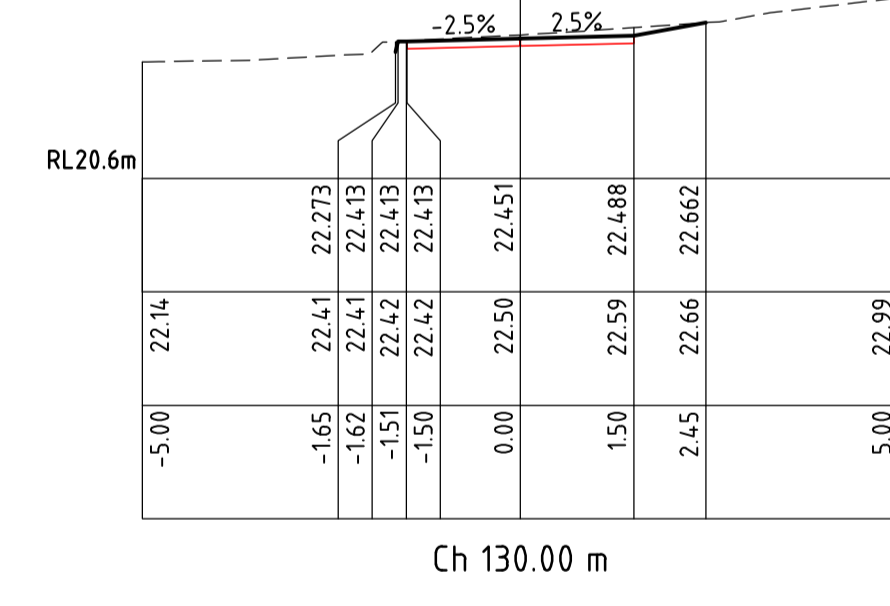
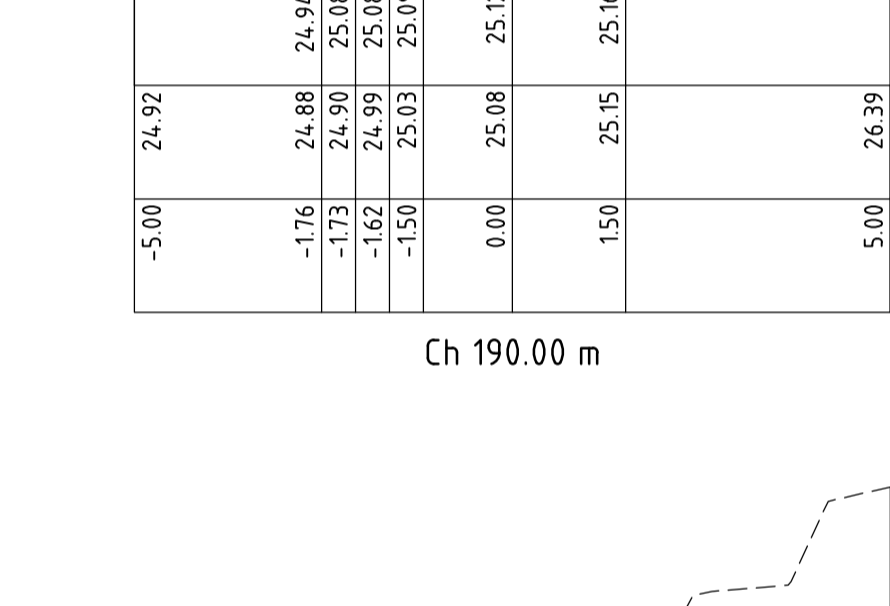
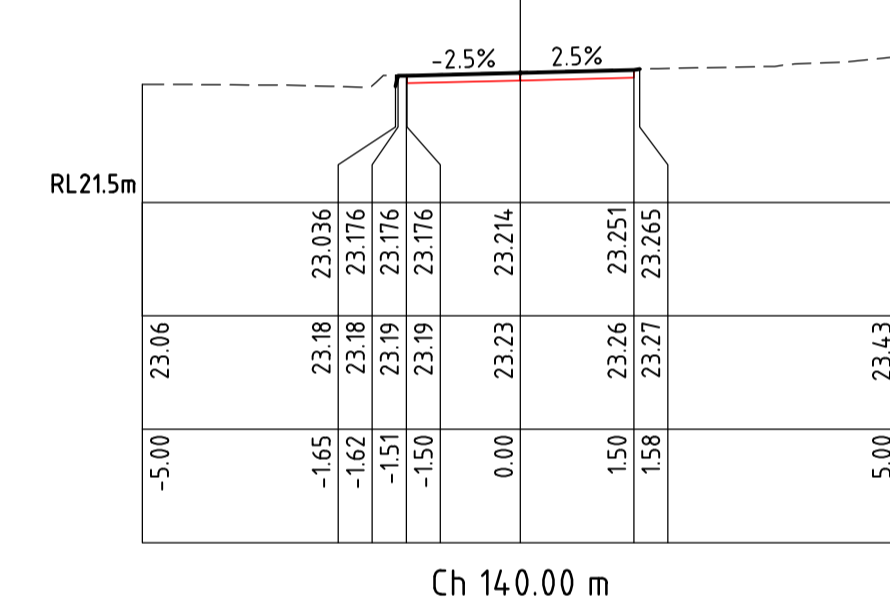
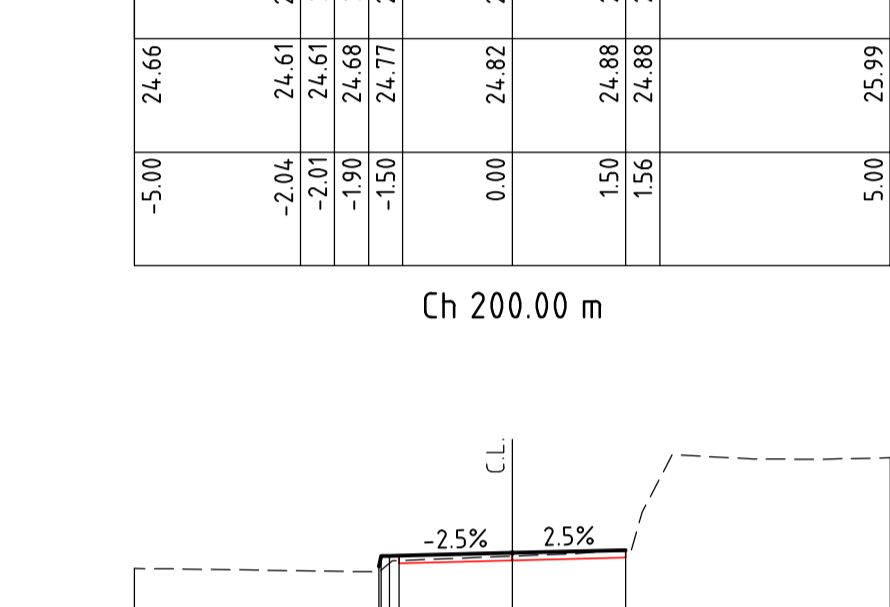
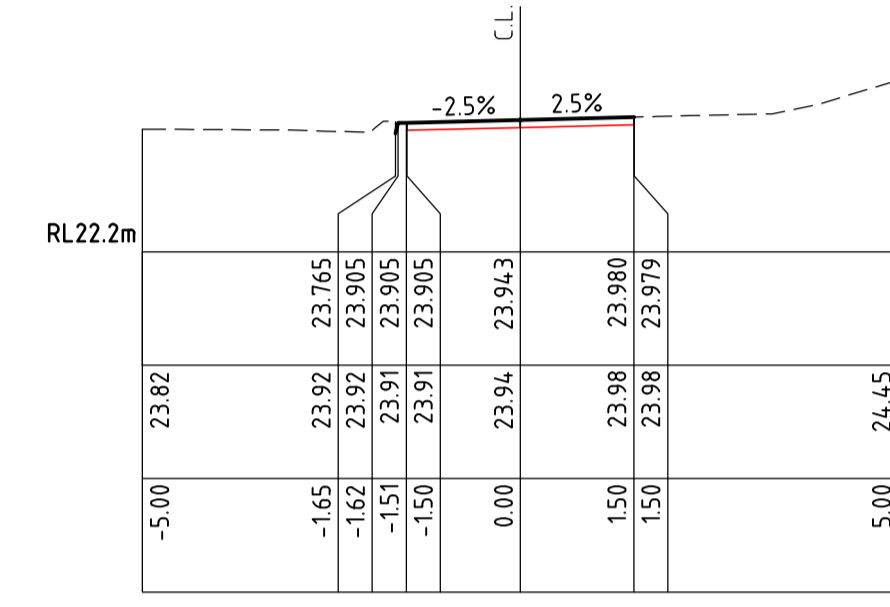
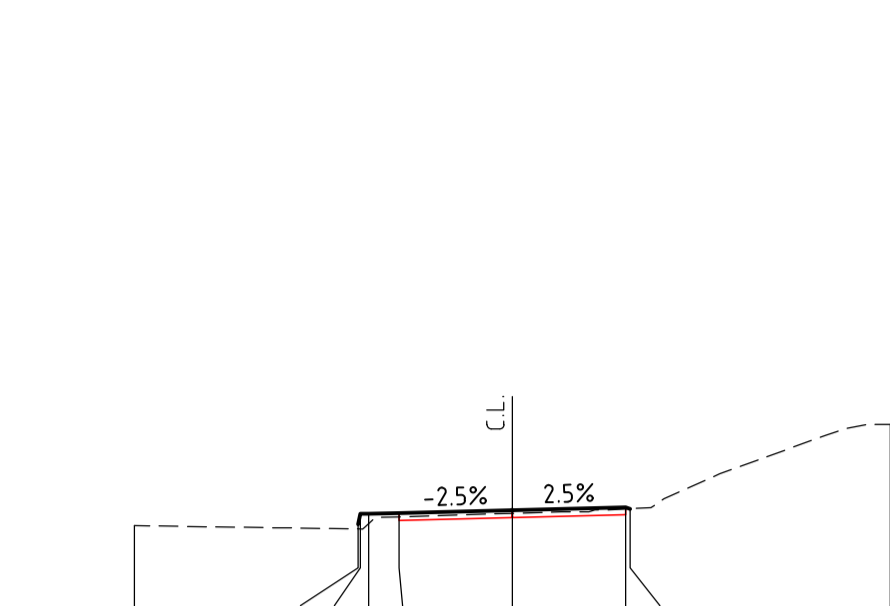
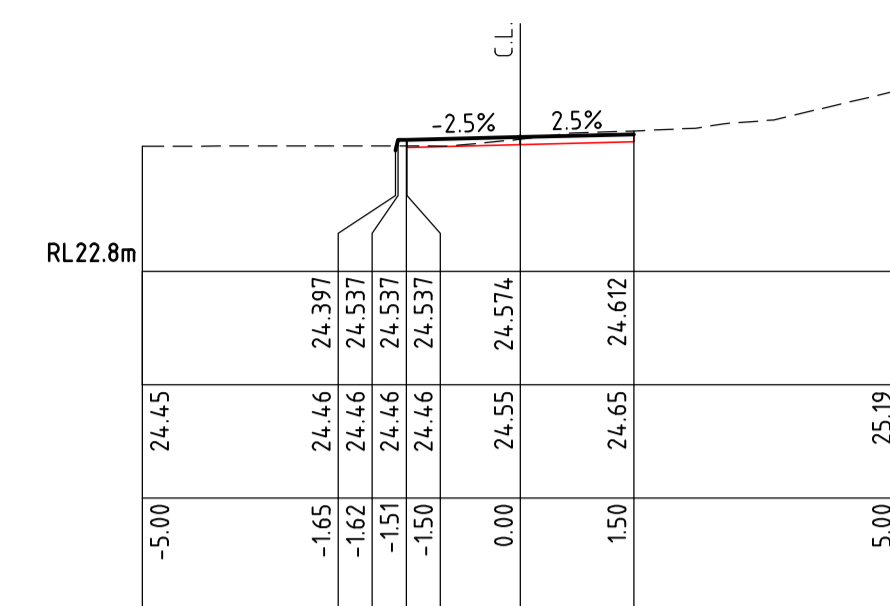
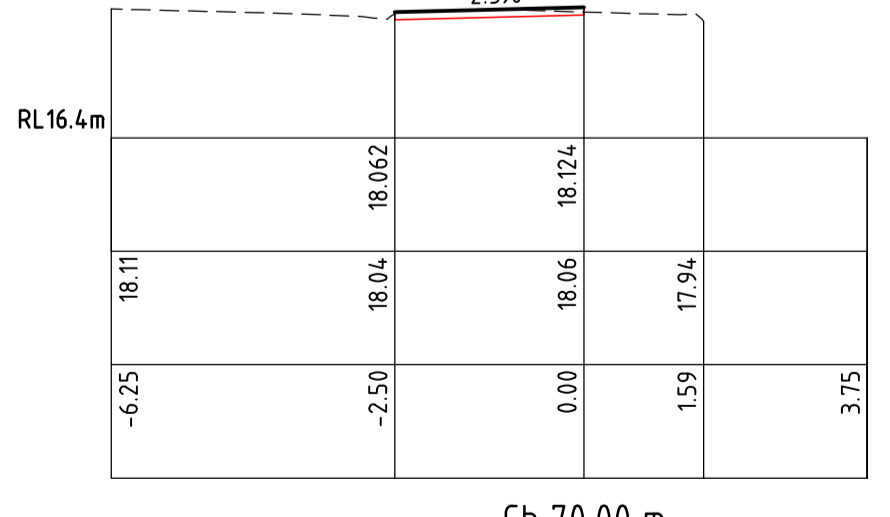
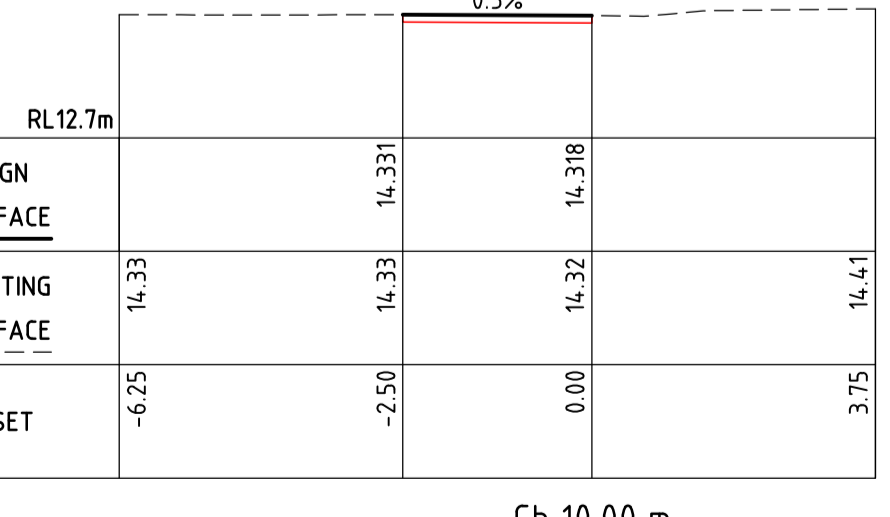
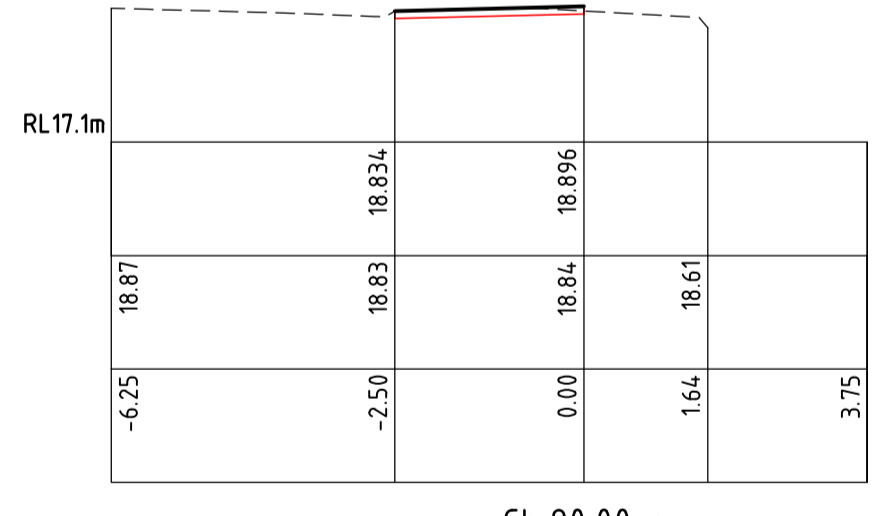
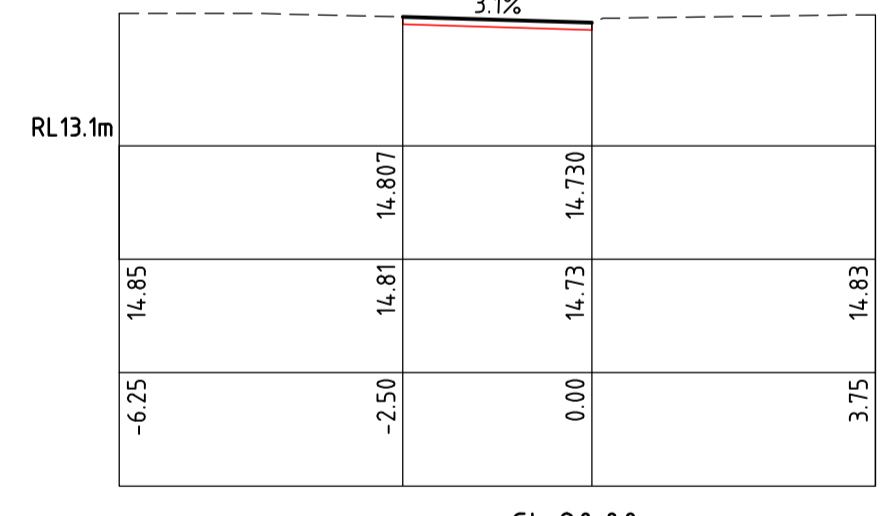
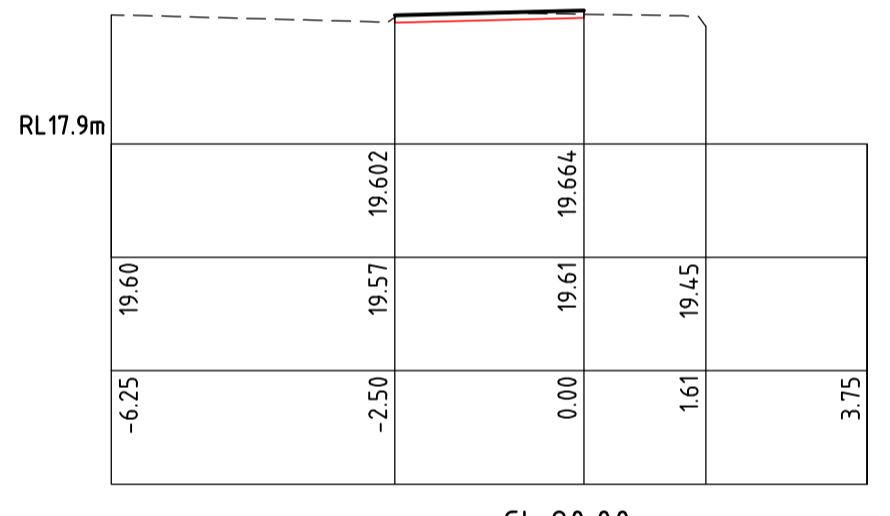
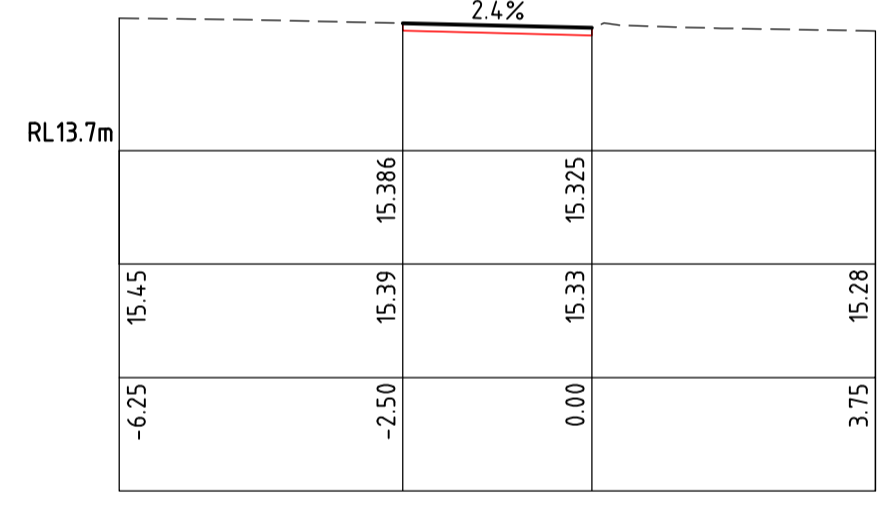
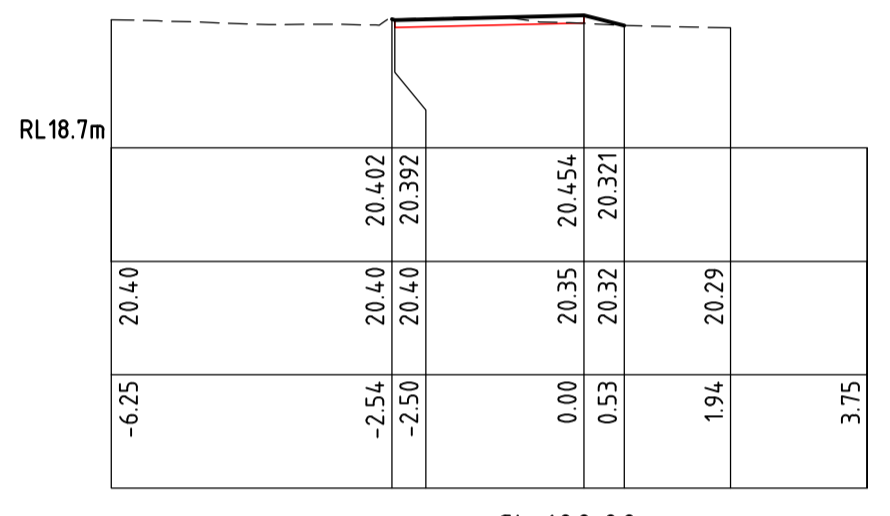
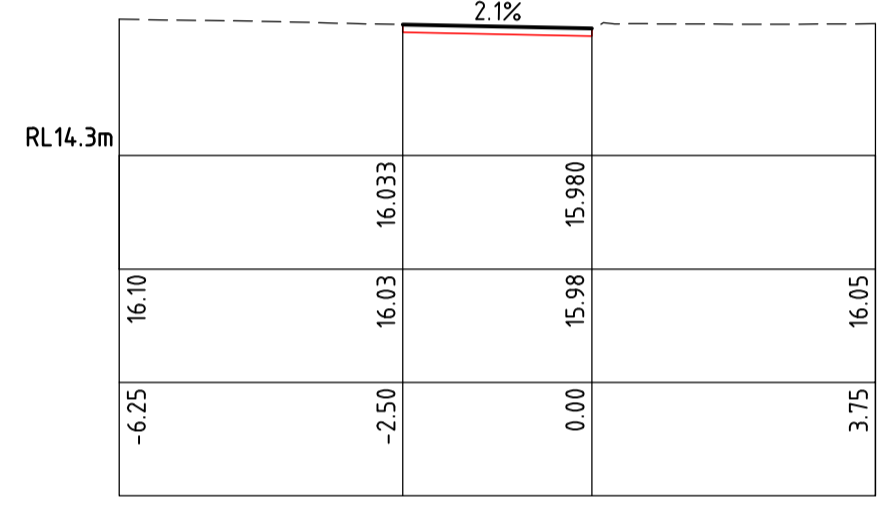
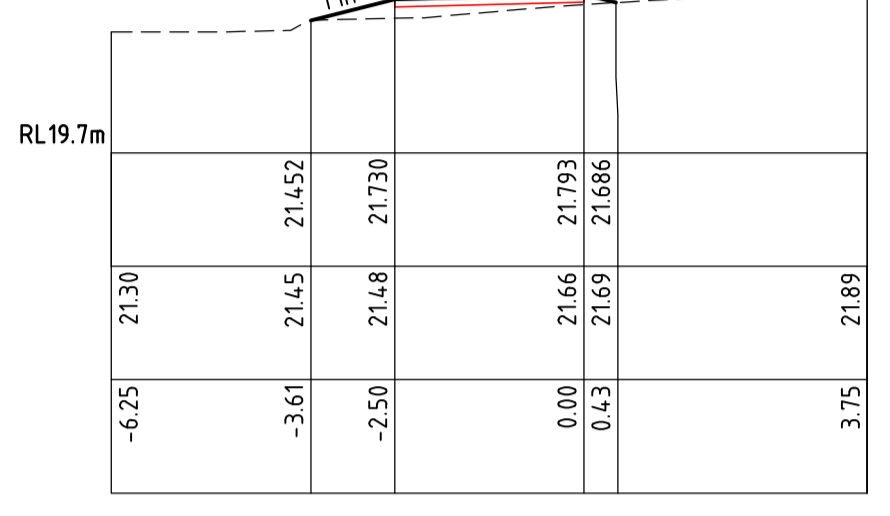
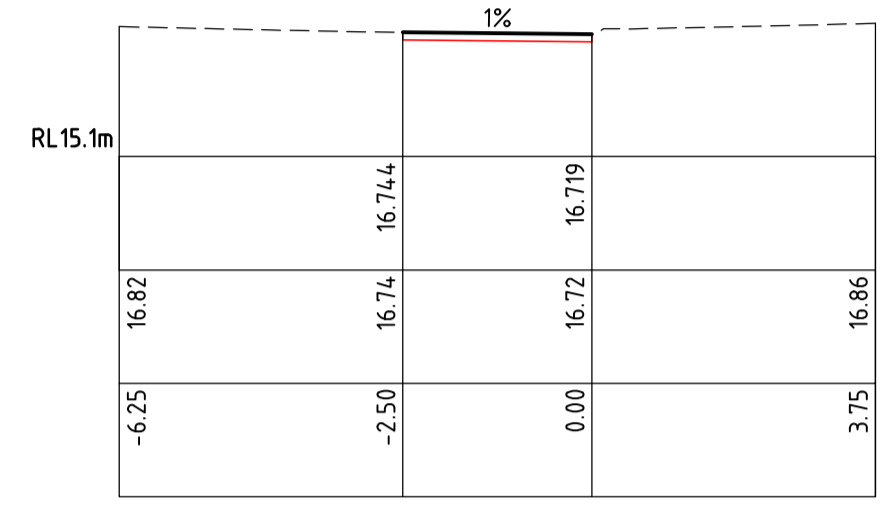
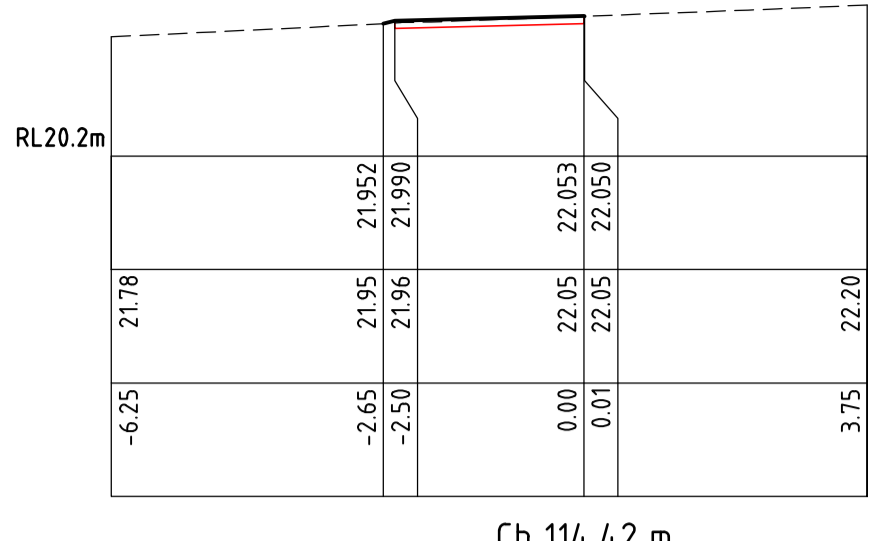
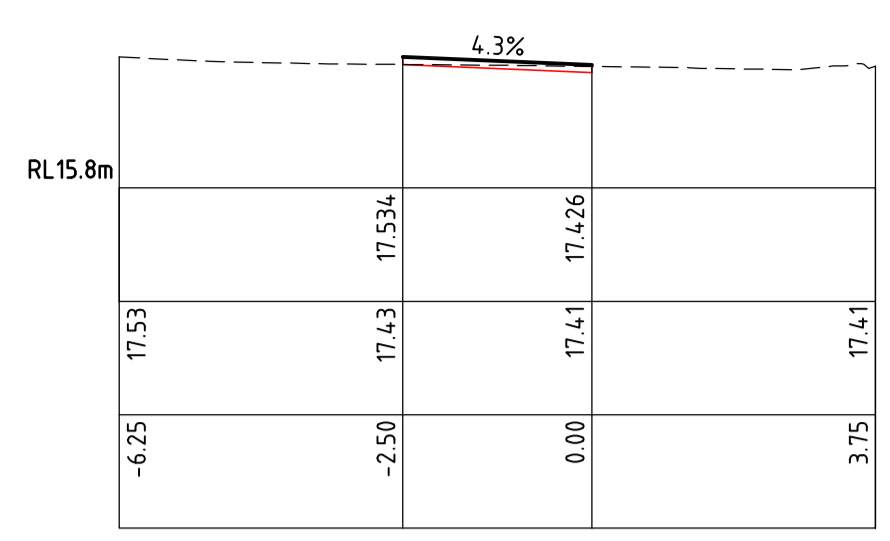
DRAWING:
CROSS SECTION REFERENCE PLAN

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1:500	JAN 2022	ELW	MJV			21-10-148/410	C	A1

STATUS: **FOR APPROVAL**



NOTE:
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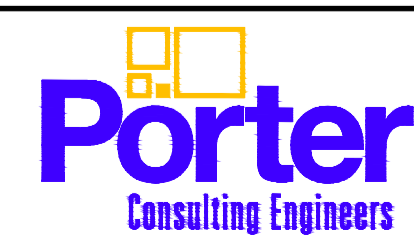
MARINE PDE TO GADSDON ST

GADSDON ST TO BROOME ST

PROJECT:
**SHARED PATH
ERIC STREET, COTTESLOE**

C	06-04-2022	PATH ALIGNMENT RELOCATED	DPE
B	25-03-2022	ISSUED FOR 85% DESIGN REVIEW	DPE
A	10-03-2022	ISSUED TO COUNCIL FOR 50% DESIGN REVIEW	DPE
No.	DATE	REVISION	BY

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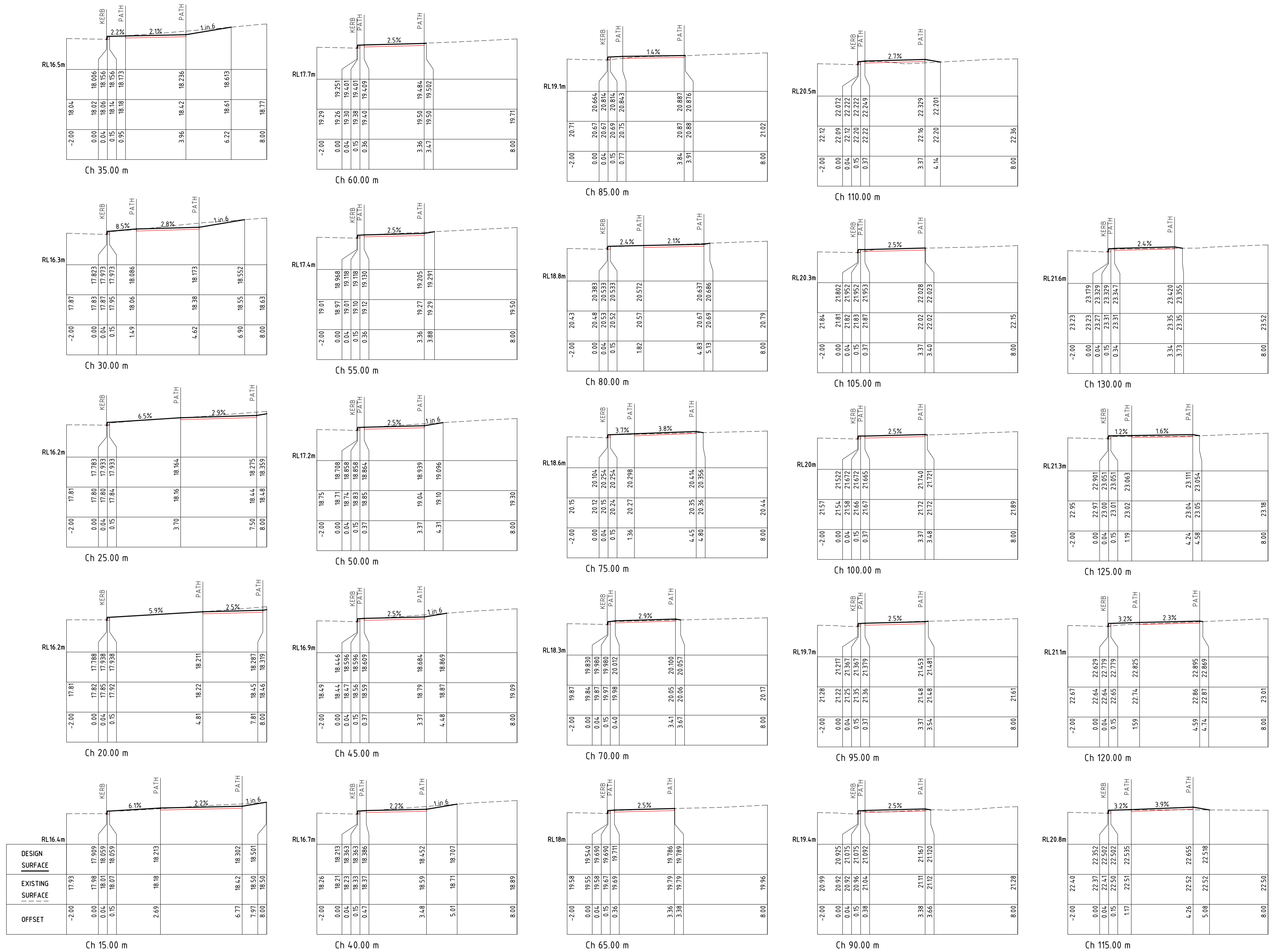
Level 2 Kishorn Court
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Canning Bridge 6153 WA
Tel: (08) 9395 9955
Email: office@portereng.com.au
www.portereng.com.au

CLIENT:
**TOWN OF
COTTESLOE**

DRAWING
**PATH CROSS SECTIONS
MARINE PDE TO GADSDON ST**

SCALE	1:100	DRAWING No.	21-10-148/411	REV No.	C	ORIGINAL DRAWING SIZE	A1
DATE	JAN 2022	DESIGN	ELW	FILE NAME	S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-411-414.dwg		
DRAWN	MJV	CHECK	APPD	STATUS: FOR APPROVAL			

NOTE:
REFER DRAWING 410 FOR CROSS SECTION REFERENCE SHEET



PROJECT:
**SHARED PATH
ERIC STREET, COTTESLOE**

C	06-04-2022	PATH ALIGNMENT RELOCATED	DPE
B	25-03-2022	ISSUED FOR 85% DESIGN REVIEW	DPE
A	10-03-2022	ISSUED TO COUNCIL FOR 50% DESIGN REVIEW	DPE
No.	DATE	REVISION	BY

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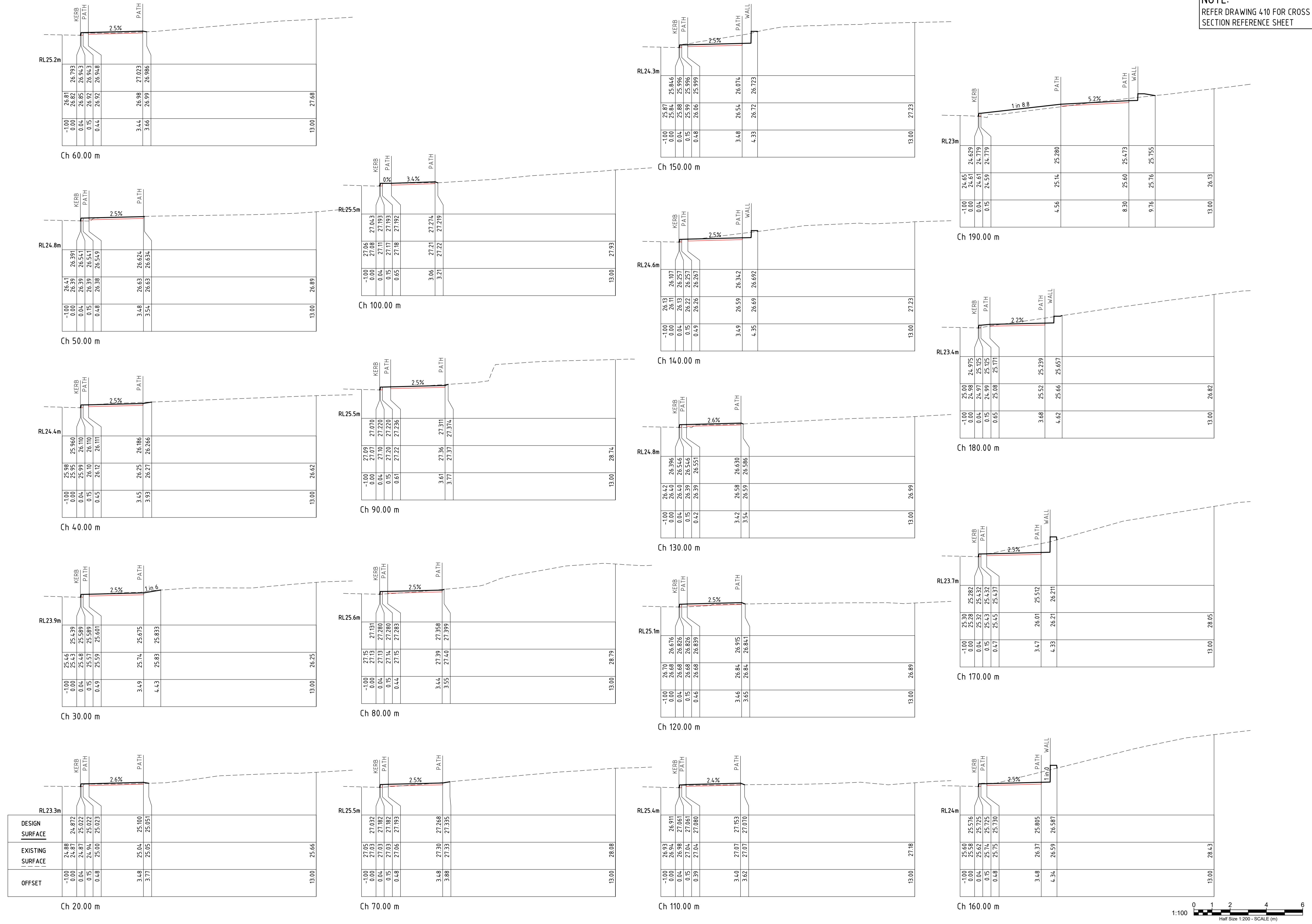
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Consulting Engineers
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Mt Pleasant 5533 WA
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CLIENT:
**TOWN OF
COTTESLOE**

DRAWING:
**PATH CROSS SECTIONS
BROOME STREET TO CHAMBERLAIN ST**

SCALE	1:100	DRAWING No	21-10-148/412	REV No	C	ORIGINAL DRAWING SIZE	A1
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CHECK	APPD						

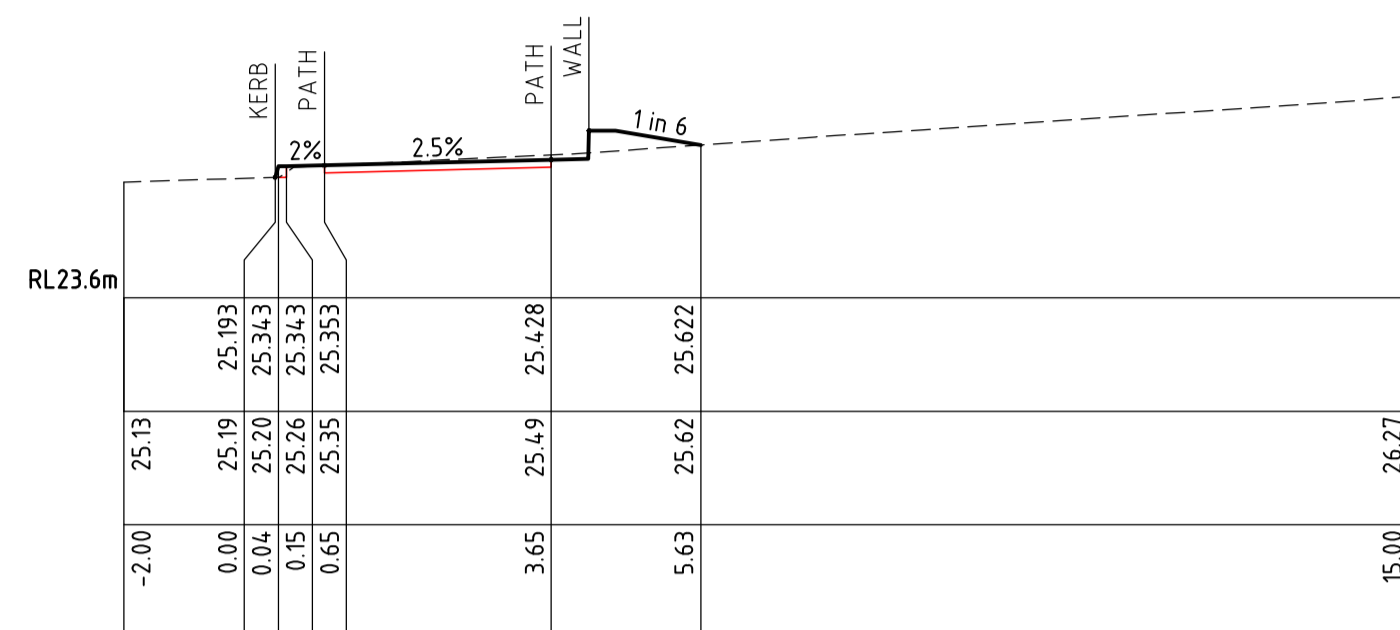
NOTE:
REFER DRAWING 410 FOR CROSS SECTION REFERENCE SHEET



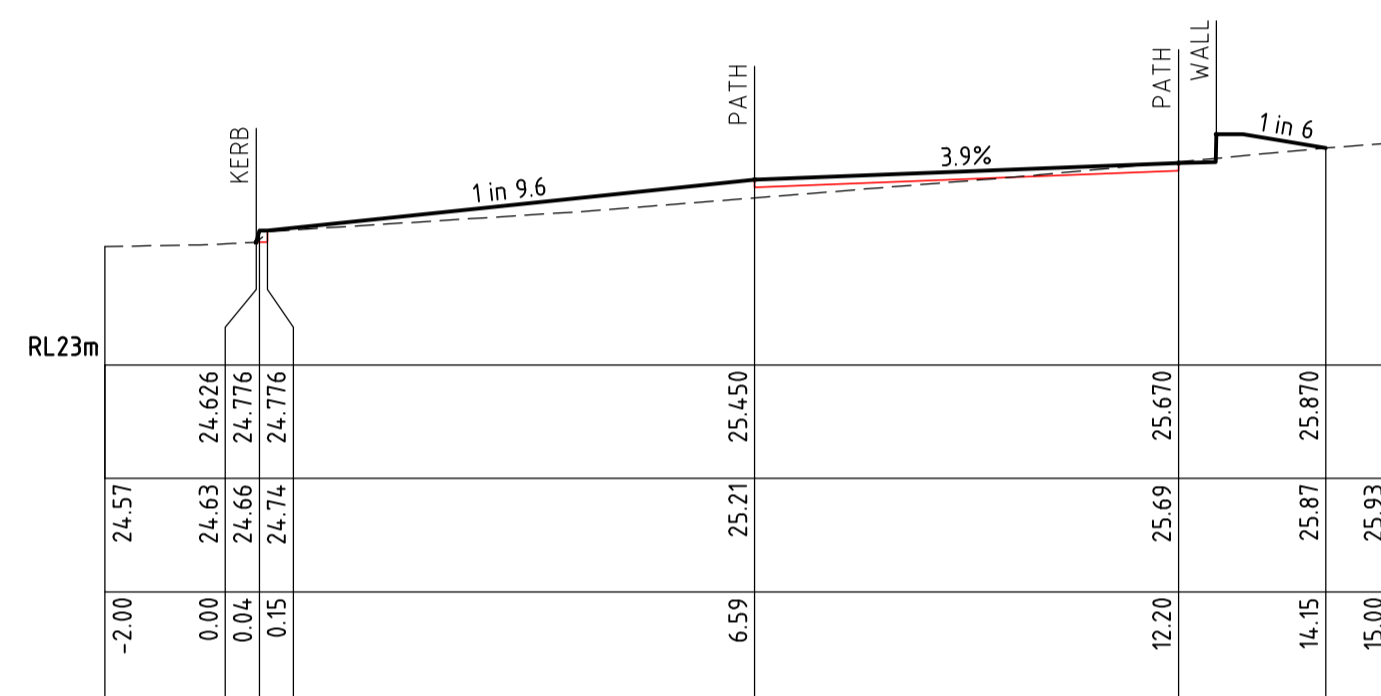
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Ch 20.00 m	25.04 25.05 25.05	25.04 25.05 25.05	3.48 3.77 3.77



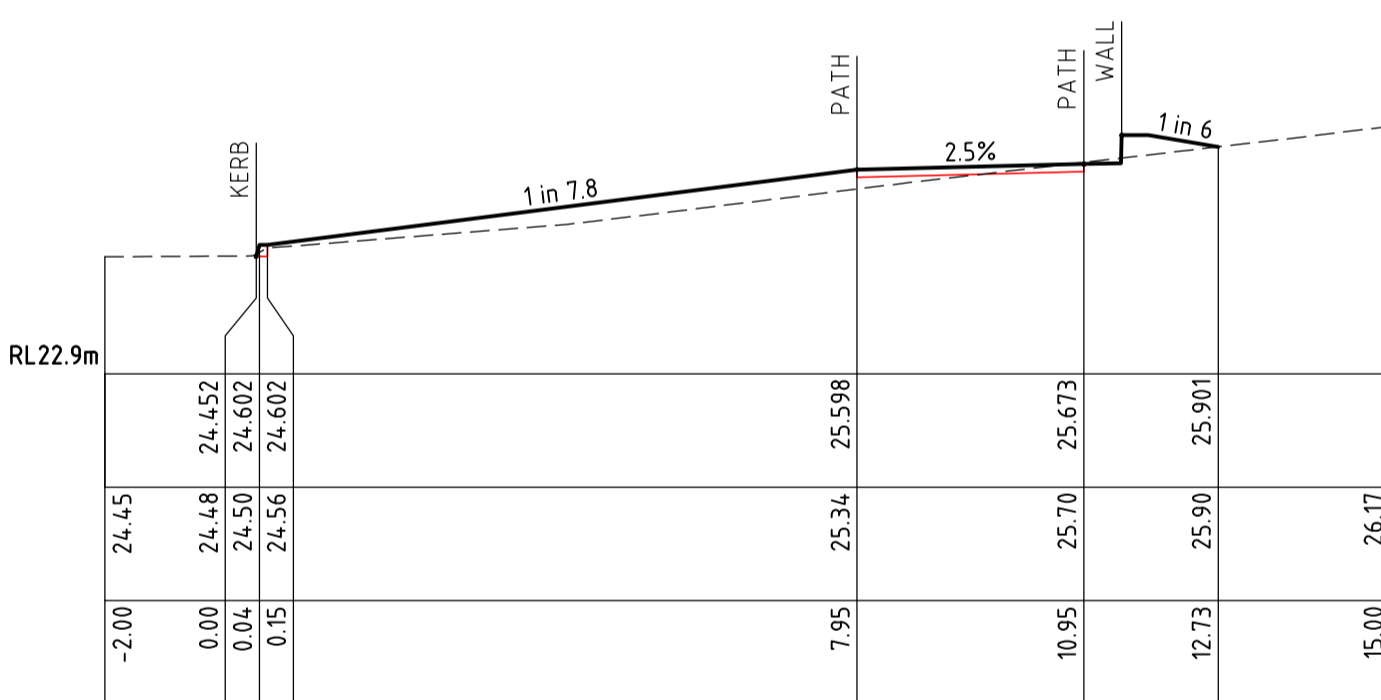
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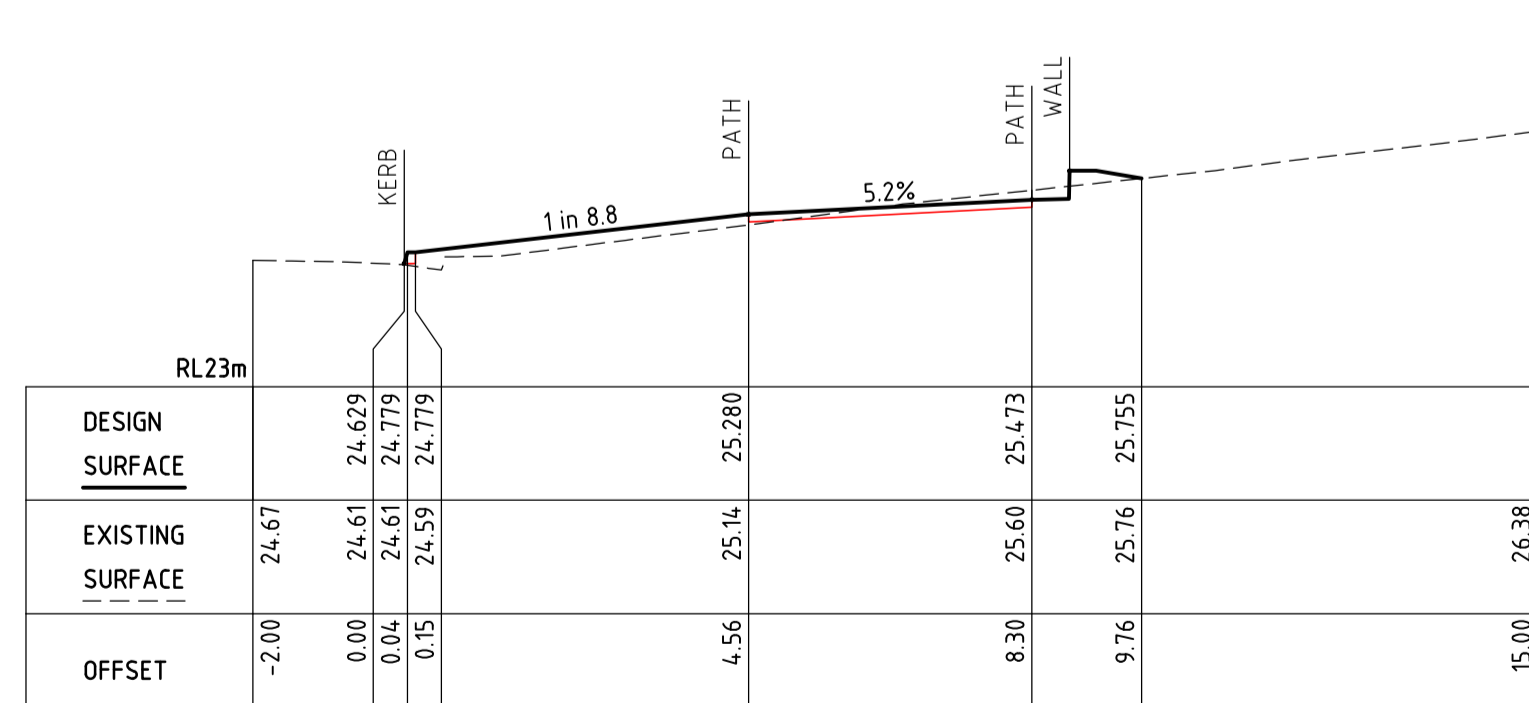
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Ch 210.00 m

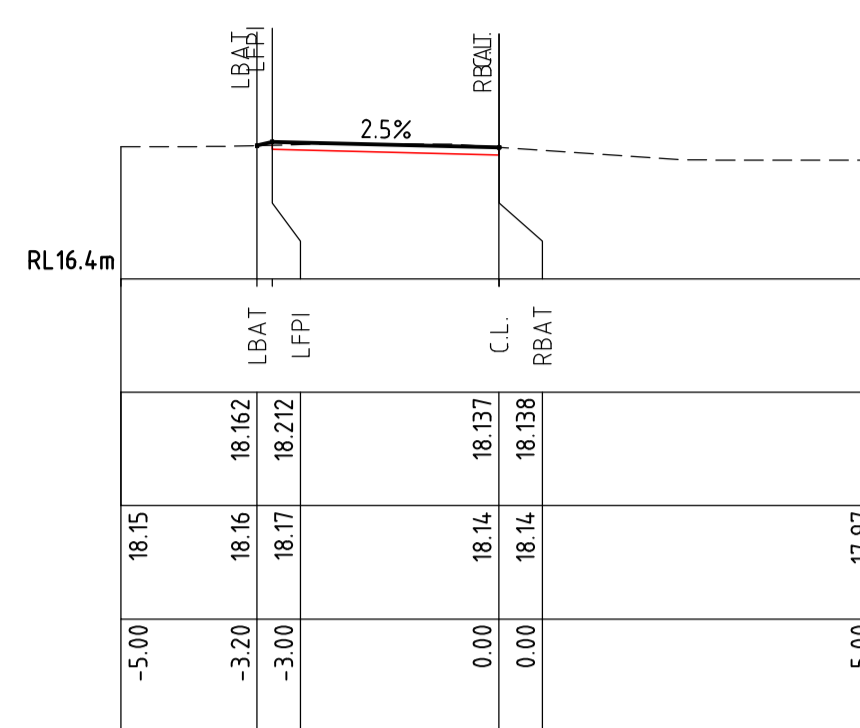


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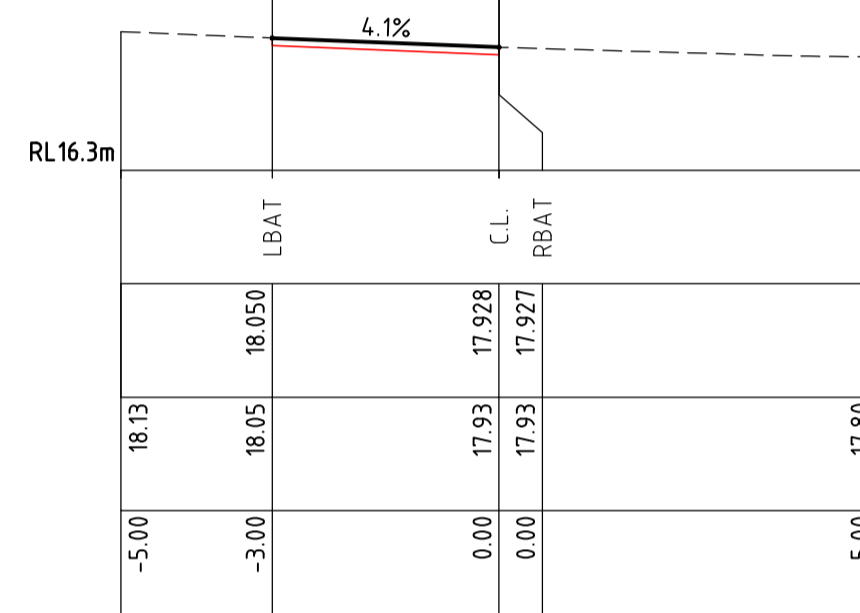


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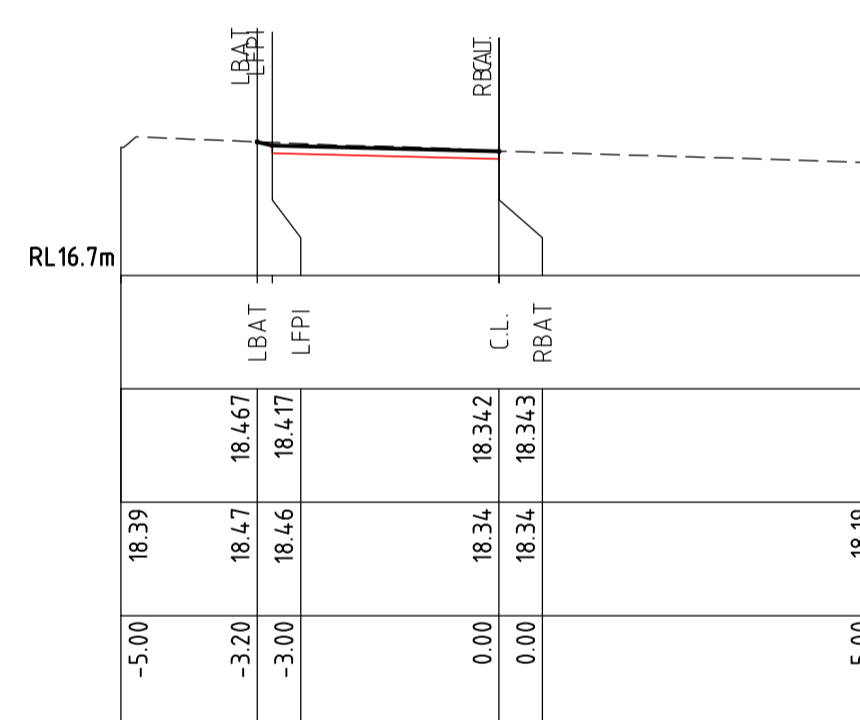
MARMION ST TO CHARLES ST



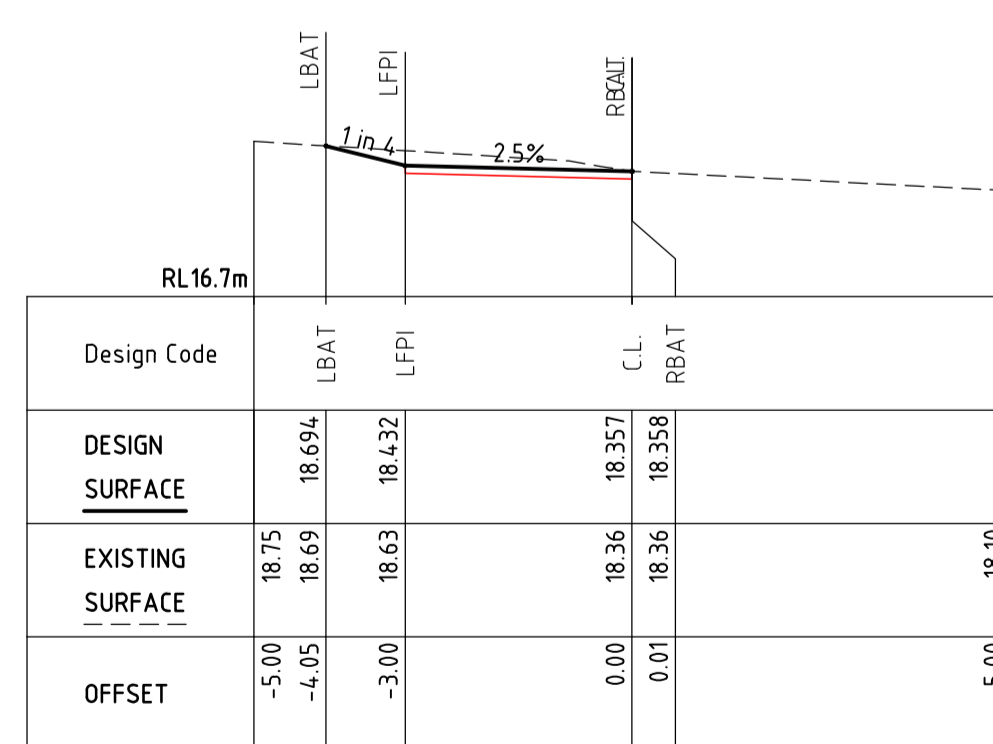
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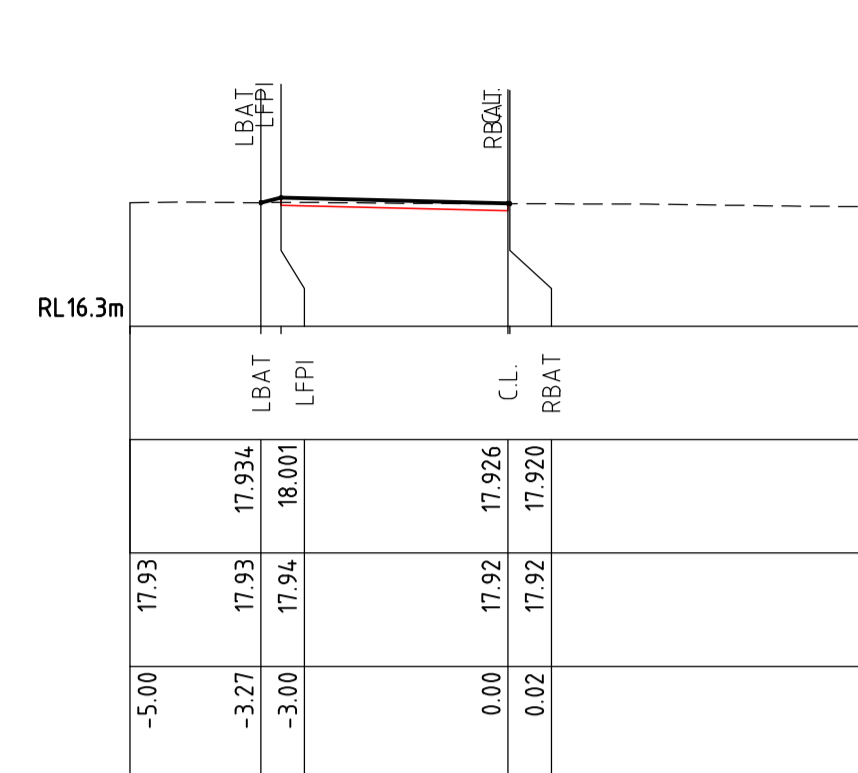
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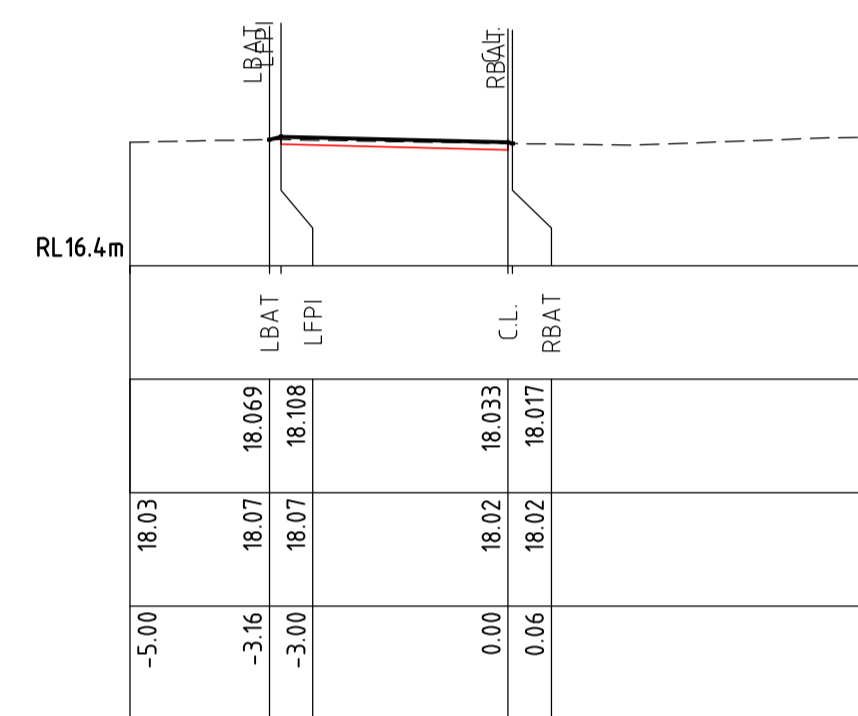
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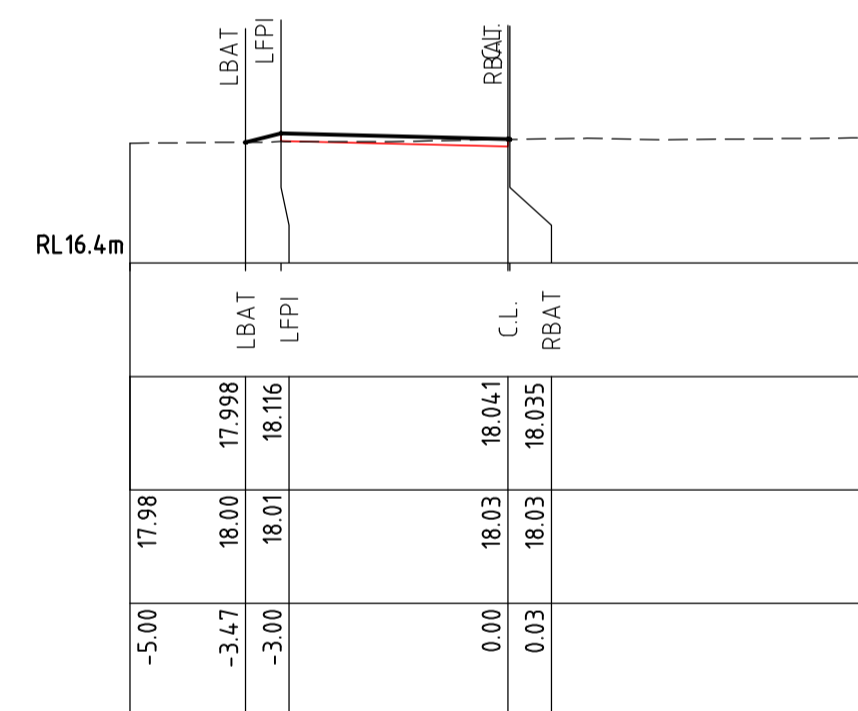
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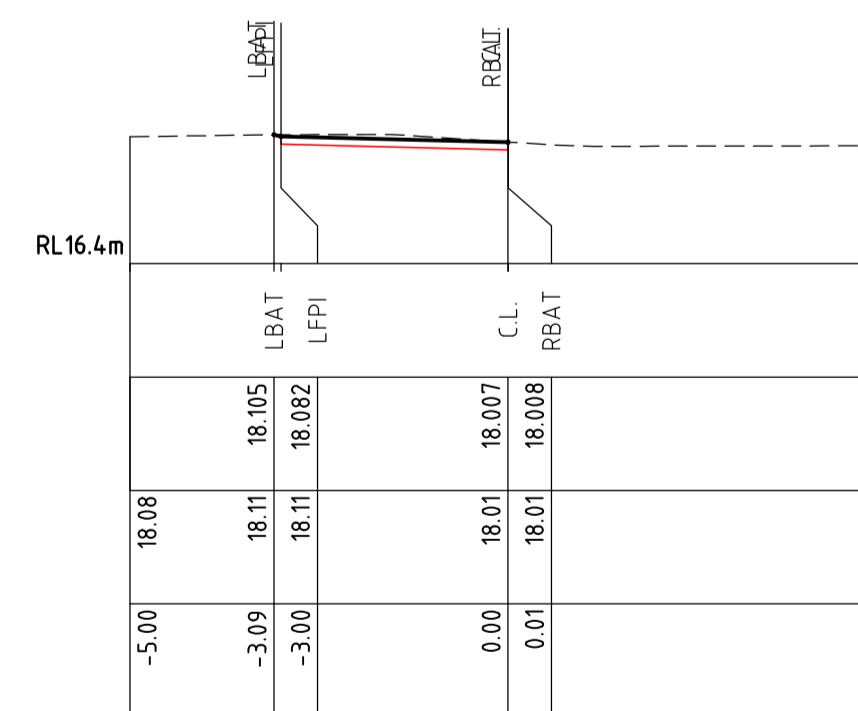
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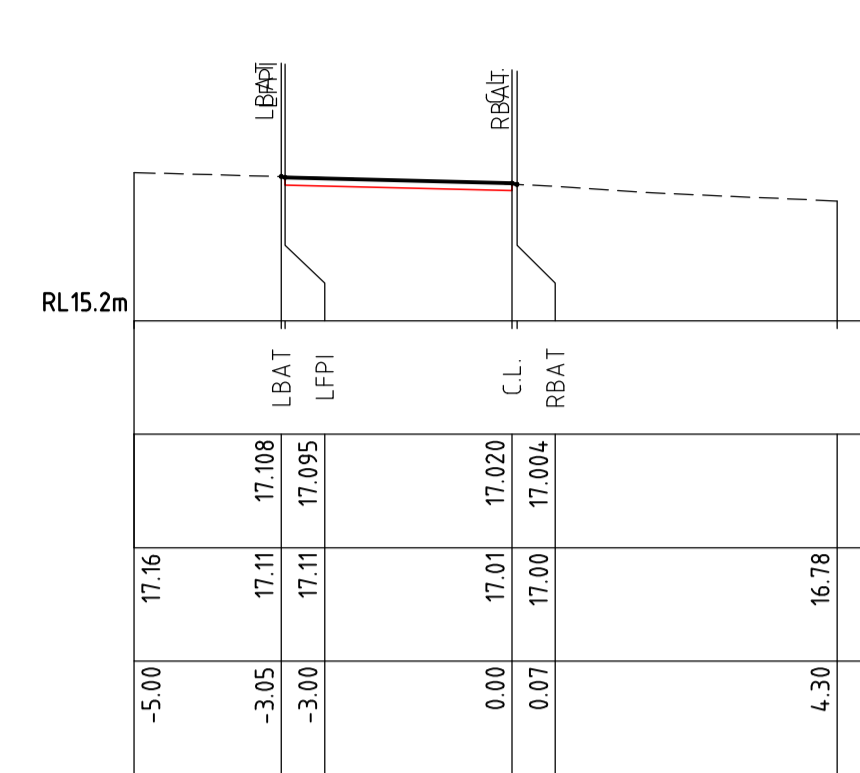
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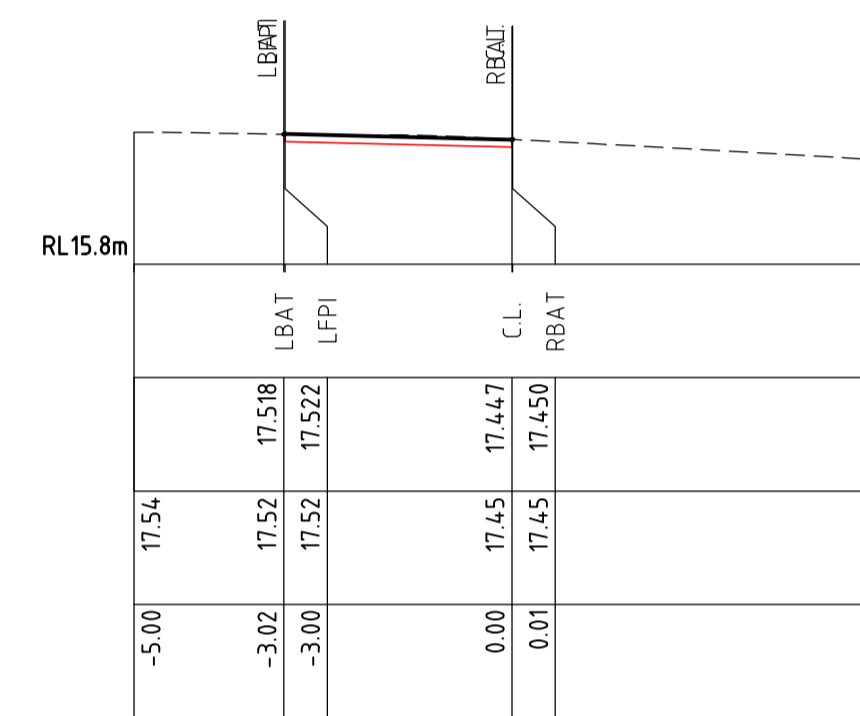
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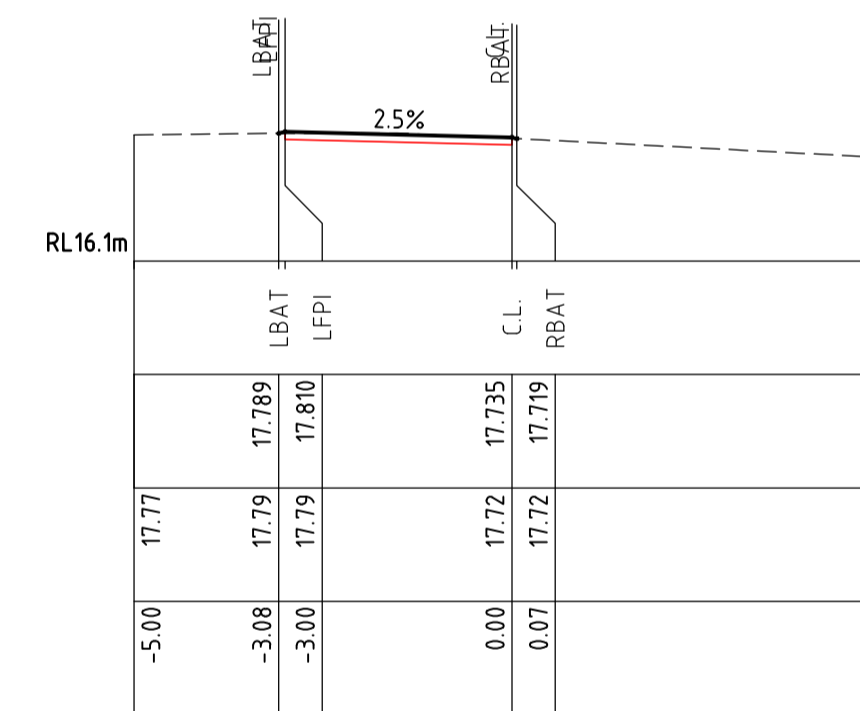
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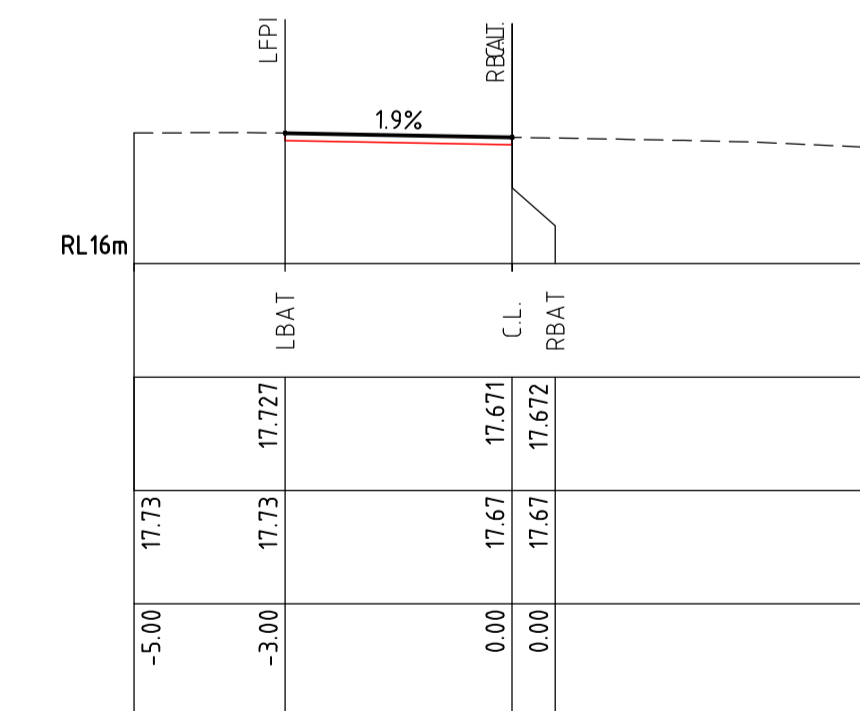
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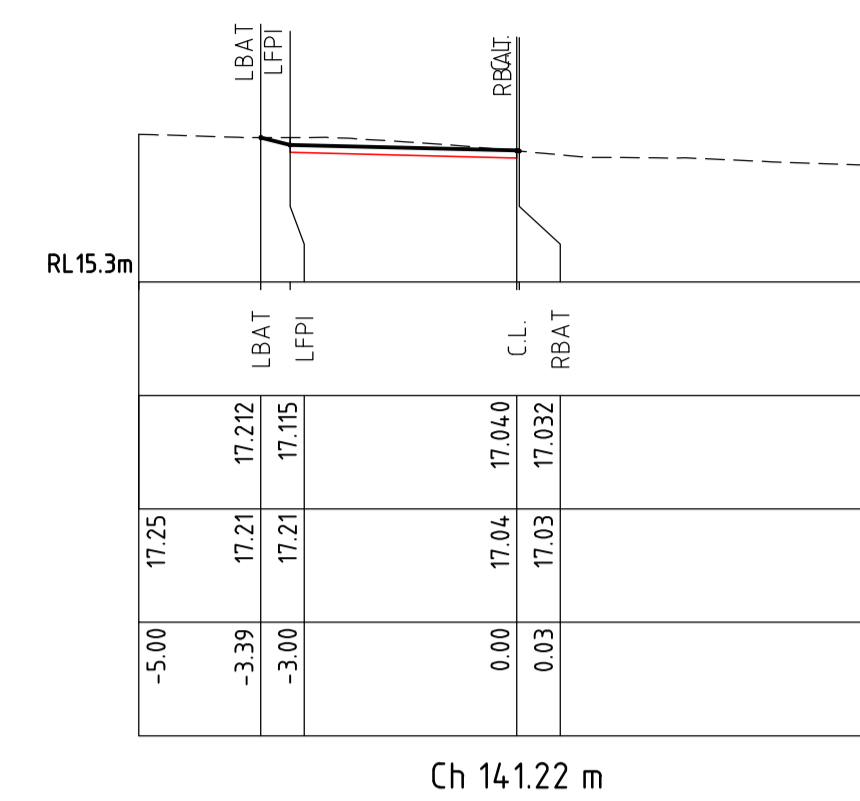
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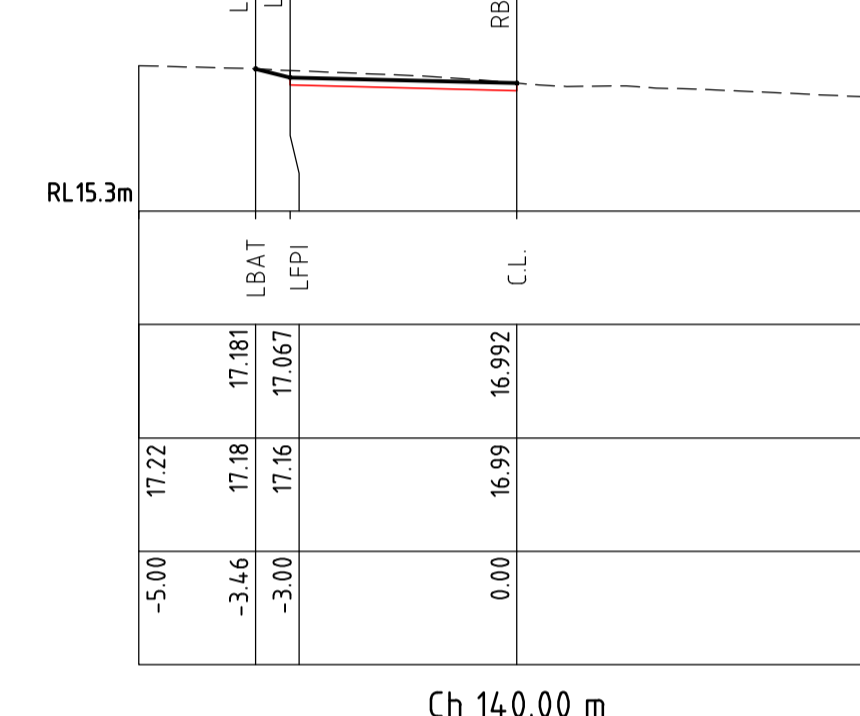
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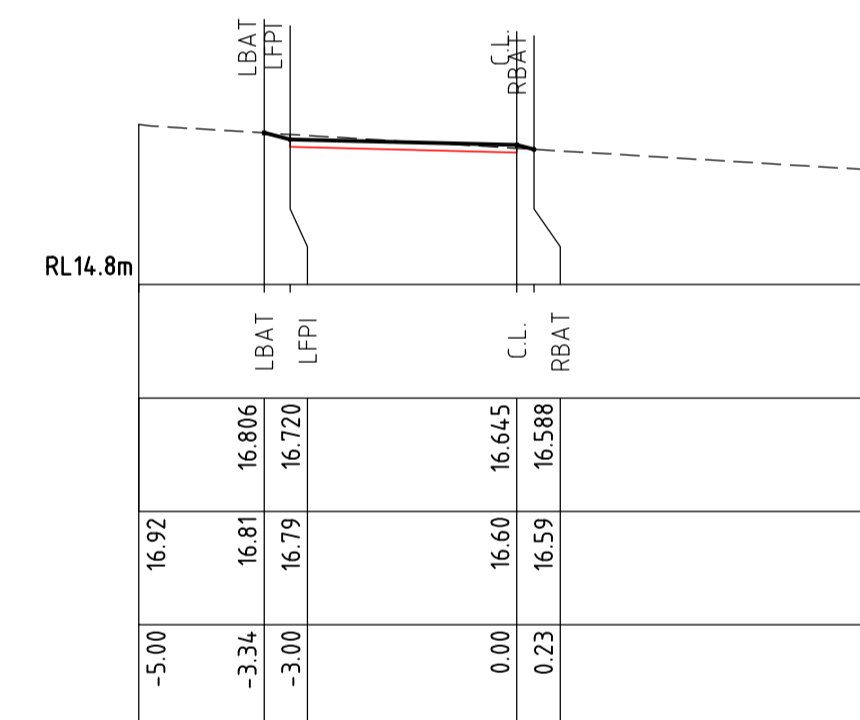
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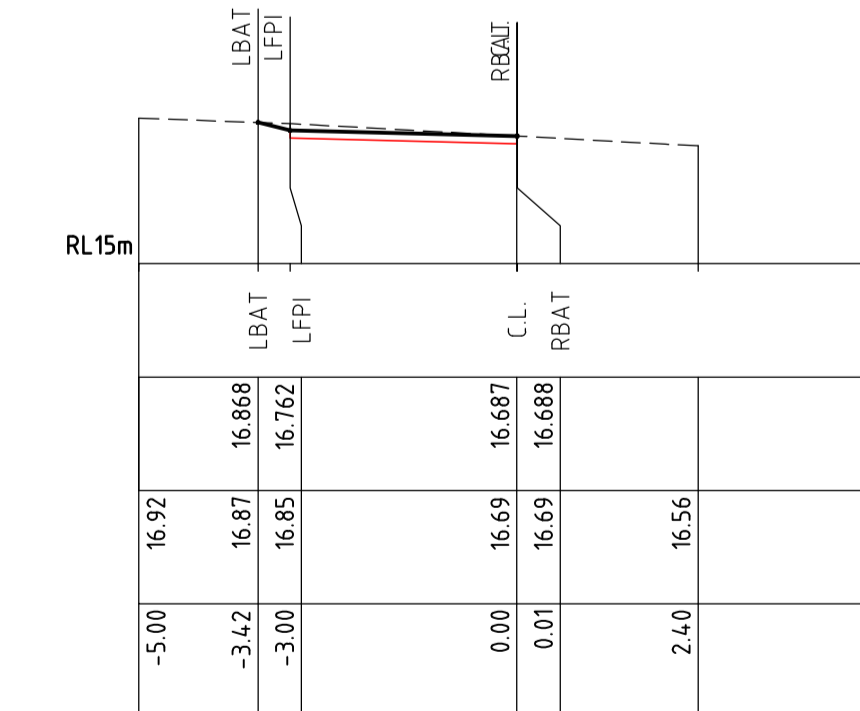
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Ch 140.00 m



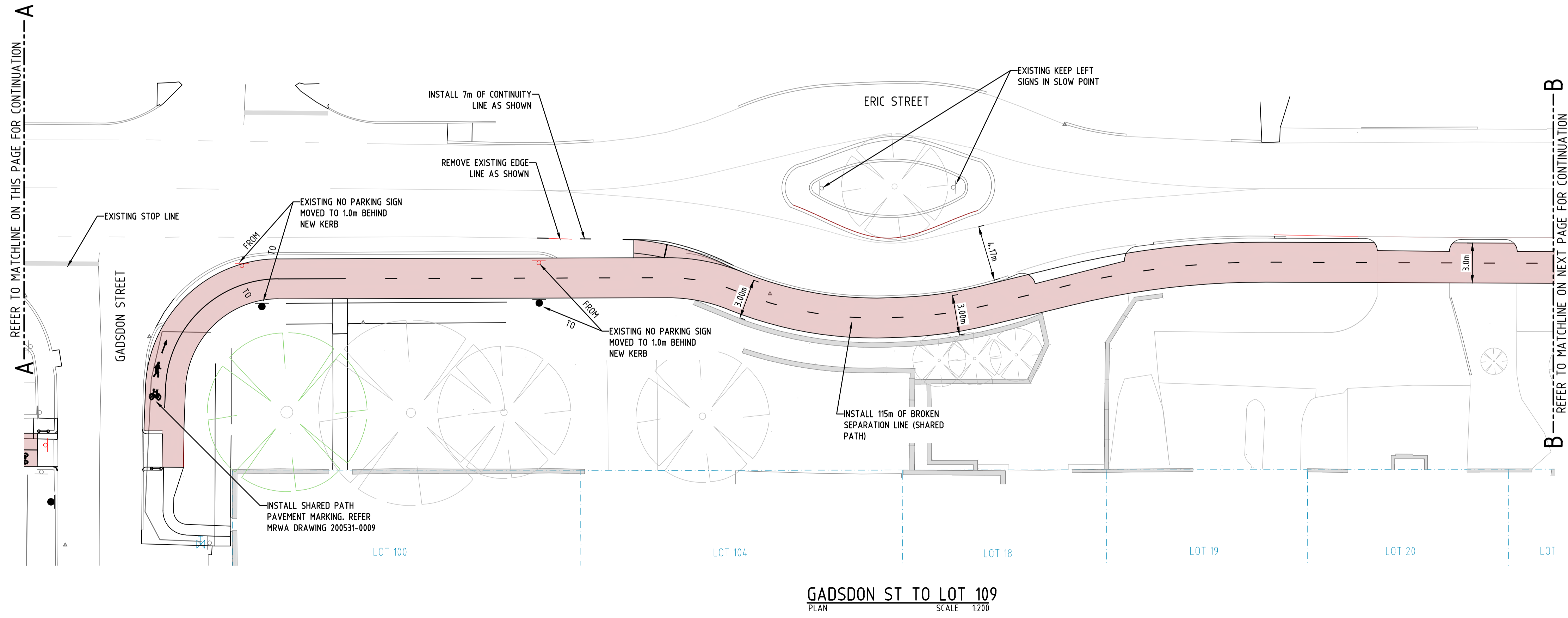
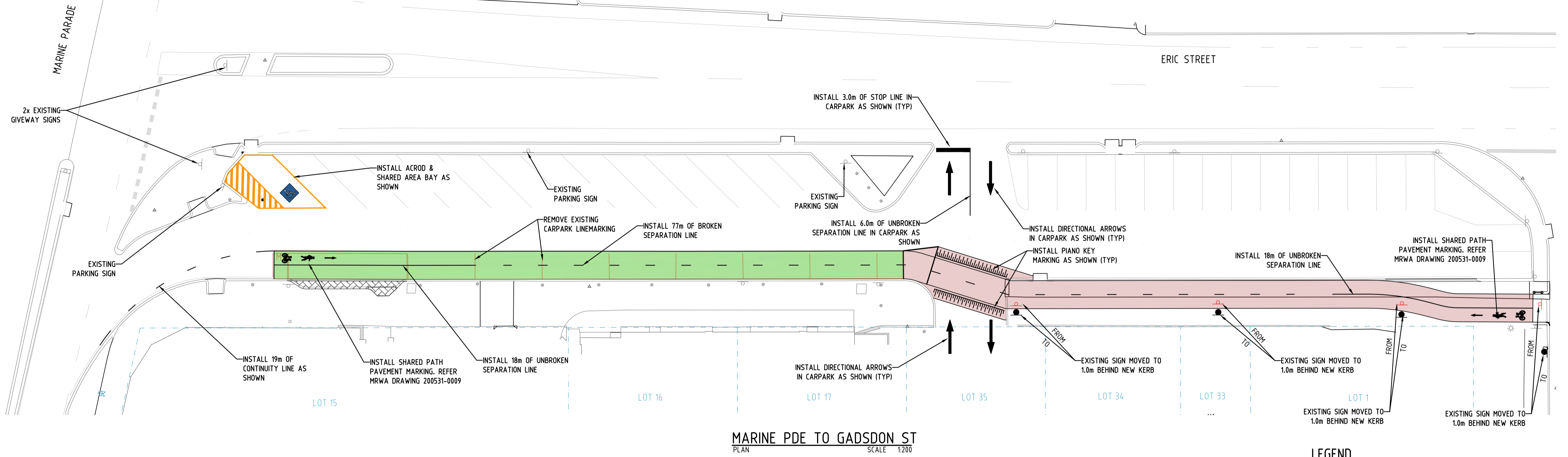
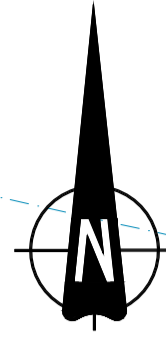
Ch 130.00 m



Ch 120.00 m

CHARLES ST TO CURTIN AVE





LEGEND

- LINEMARKING AS SPECIFIED
- LINEMARKING TO BE REMOVED
- RAISED REFLECTIVE PAVEMENT MARKERS (RRPM's)
- PROPOSED TRAFFIC SIGNS
- EXISTING TRAFFIC SIGNS
- CADASTRAL BOUNDARY
- EXISTING ROAD EDGE/KERB
- SHARED PATH - SURFACE TREATMENT
- SHARED PATH - CONCRETE (COLOUR: RED OCHRE)

SIGNS & PAVEMENT MARKING NOTES:

1. SIGNS & LINES SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT MAIN ROADS WA STANDARD DRAWINGS AND SPECIFICATIONS. SEE MAIN ROADS WA WEBSITE FOR FURTHER DETAILS.
2. CONTRACTOR SHALL SPOT PROPOSED PAVEMENT MARKING POSITIONS AS PER MRWA GUIDELINES AND ADVISE MAIN ROADS WA WHEN READY FOR INSTALLATION.
3. ALL LINWORK SHALL BE WHITE UNLESS NOTED OTHERWISE.
4. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE CONDITION FOR ALL USERS BY THE USE OF TEMPORARY SIGNAGE, PAVEMENT MARKINGS AND LIGHTING IF REQUIRED UNTIL PAVEMENT SIGNS AND PAVEMENT MARKINGS ARE INSTALLED.
5. THE CONTRACTOR SHALL ARRANGE FOR THE REMOVAL OF ALL EXISTING REDUNDANT SIGNS AND PAVEMENT MARKINGS. REDUNDANT SIGNS ARE TO BE TAKEN TO THE LOCAL AUTHORITY FOR COLLECTION BY MAIN ROADS WA.
6. SIGNS NOTED AS TEMPORARY SHALL BE REMOVED BY THE CONTRACTOR AFTER 6 MONTHS FROM INSTALLATION.

PAVEMENT MARKING CONSTRUCTION DETAILS

1. ALL LINEMARKINGS TO BE "4 YEAR LIFE" MATERIAL FOR ARTERIAL ROADS.
 2. ALL LINEMARKINGS TO BE APPLIED WITH GLASS BEADS.
- UNBROKEN SEPARATION LINE (120mm WIDE LINE)
- BROKEN SEPARATION LINE (TRAFFIC LANE) (120mm WIDE LINE)
- BROKEN SEPARATION LINE (SHARED PATH) (120mm WIDE LINE)
- PARKING DELINEATION (80-100mm WIDE LINE)



PROJECT: **SHARED PATH**
ERIC STREET, COTTESLOE

DATE	ISSUED FOR 85% DESIGN REVIEW	REVISION	DPE
25-03-2022			

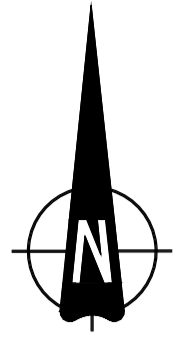
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CLIENT: **TOWN OF COTTESLOE**

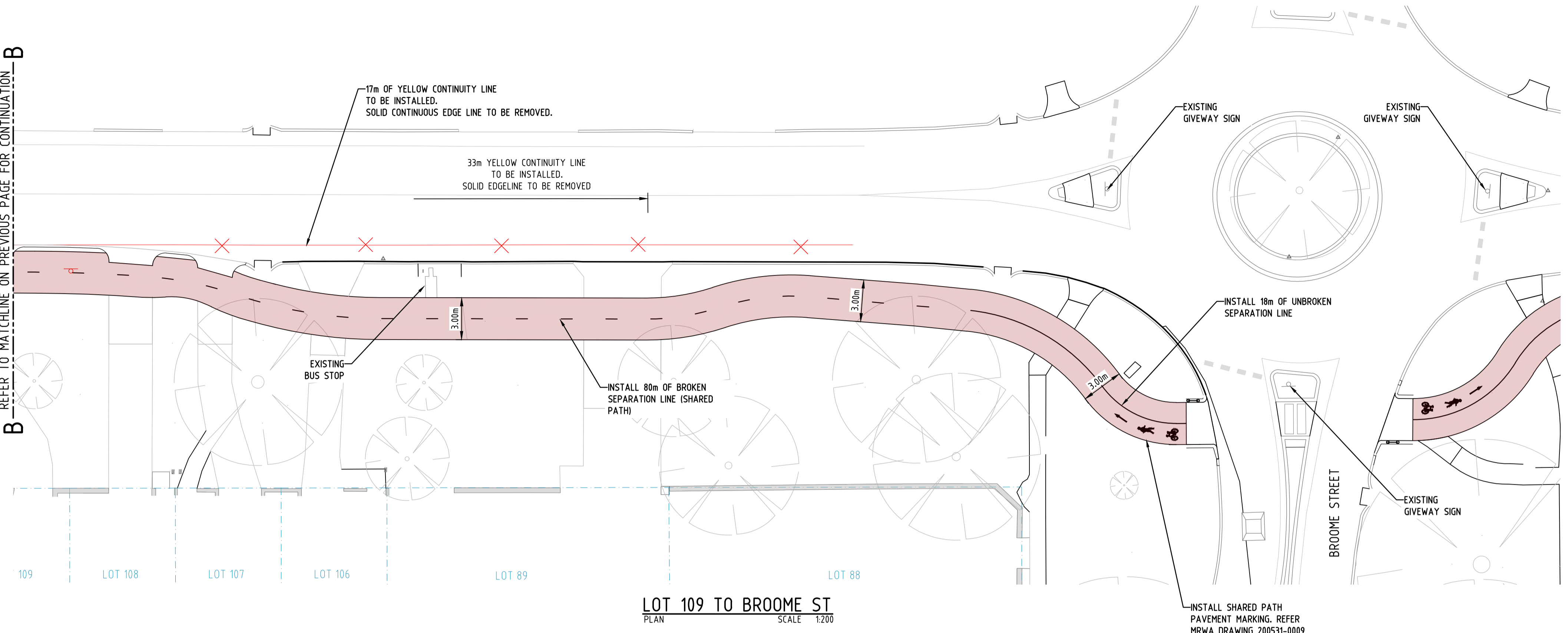
DRAWING: **SIGNS & PAVEMENT MARKING PLAN**
MARINE PDE TO LOT 109
SHEET 1 OF 4

SCALE	1:200	DRAWING No.	21-10-148/450	REV No.	B	ORIGINAL DRAWING SIZE	A1
DATE	JAN 2022	DESIGN	ELW	DRAWN	DPE	FILE NAME	S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-450-456.dwg
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CHECK	APPD						

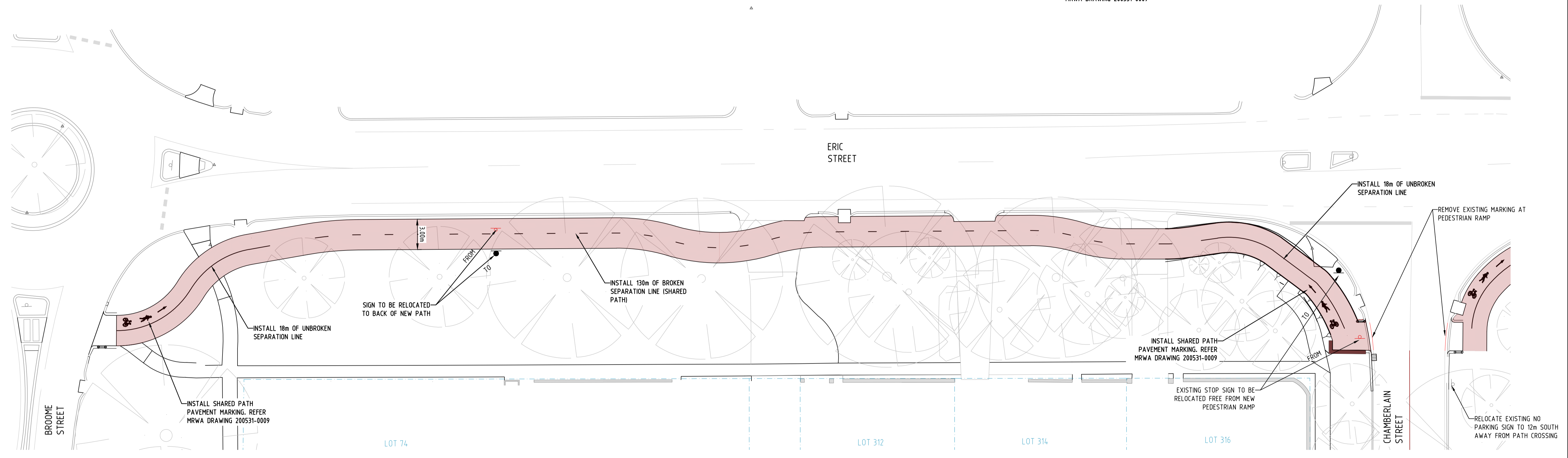


LEGEND	
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	LINEMARKING TO BE REMOVED
	RAISED REFLECTIVE PAVEMENT MARKERS (RRPM's)
	PROPOSED TRAFFIC SIGNS
	EXISTING TRAFFIC SIGNS
	CADASTRAL BOUNDARY
	EXISTING ROAD EDGE/KERB
	SHARED PATH - SURFACE TREATMENT
	SHARED PATH - CONCRETE (COLOUR: RED OCHRE)

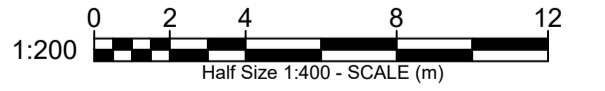
B REFER TO MATCHLINE ON PREVIOUS PAGE FOR CONTINUATION



LOT 109 TO BROOME ST
PLAN SCALE 1:200



BROOME ST TO CHAMBERLAIN ST
PLAN SCALE 1:200



PROJECT: **SHARED PATH
ERIC STREET, COTTESLOE**

NO.	DATE	ISSUED FOR 85% DESIGN REVIEW	REVISION	DPE	BY
A	25-03-2022				

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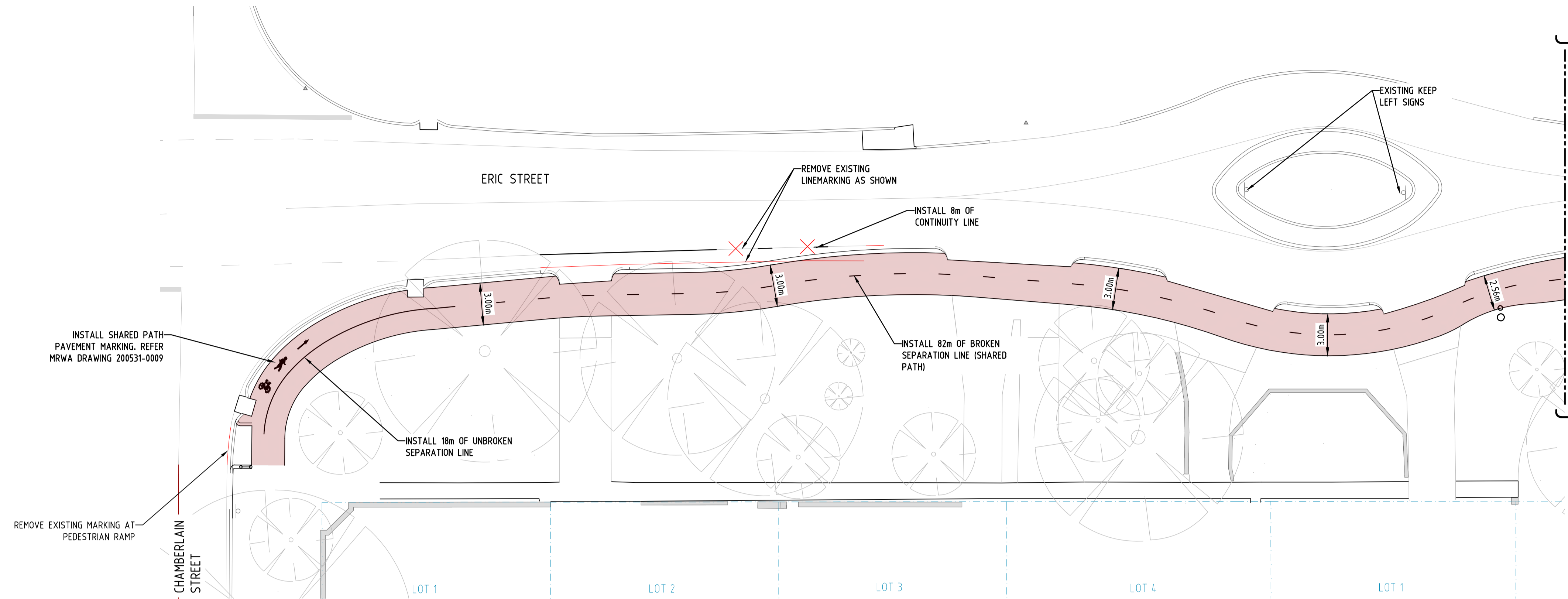
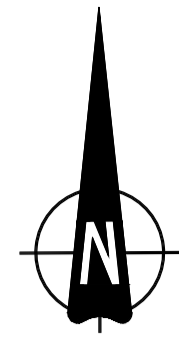
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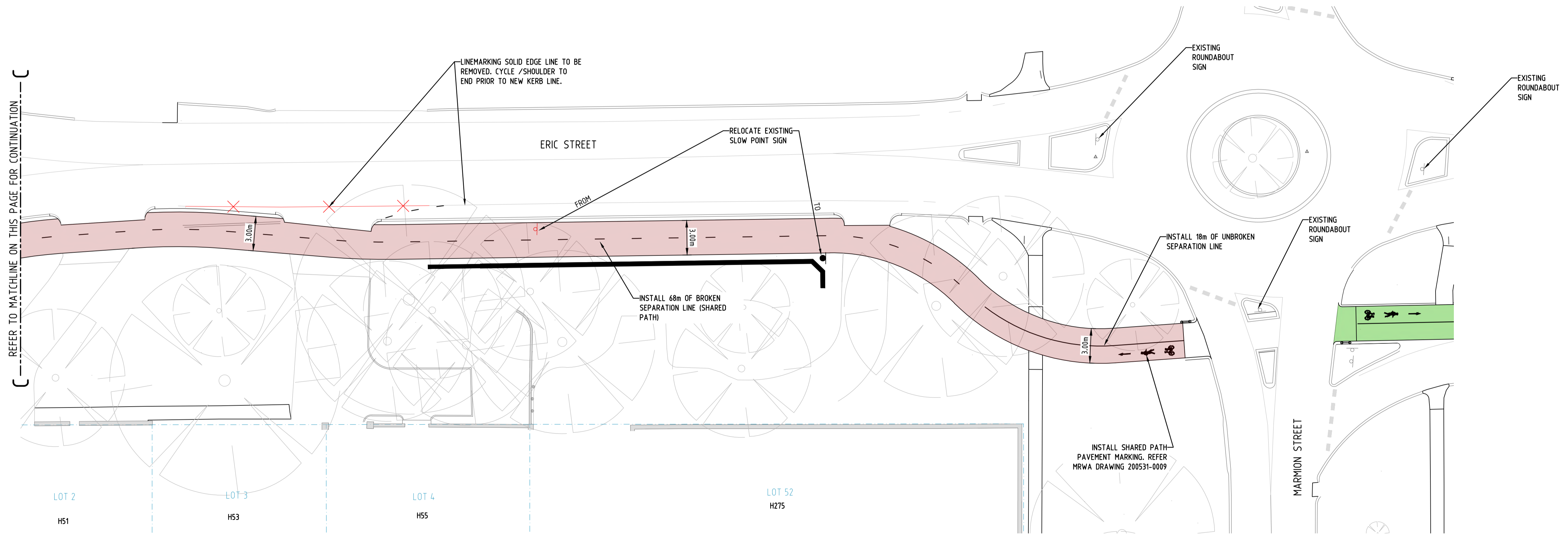
DRAWING: **SIGNS & PAVEMENT MARKING PLAN
LOT 109 TO CHAMBERLAIN ST
SHEET 2 OF 4**

SCALE	DATE	DESIGN	DRAWN	CHECK	DRAWING No	REV No	ORIGINAL DRAWING SIZE
1:200	JAN 2022	ELW	DPE	APPD	21-10-148/451	B	A1

STATUS: **FOR APPROVAL**



CHAMBERLAIN ST TO MARMION ST - PLAN '1'
PLAN SCALE 1:200

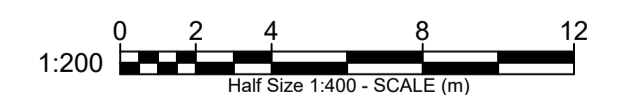


CHAMBERLAIN ST TO MARMION ST - PLAN '2'
PLAN SCALE 1:200

LEGEND

- LINEMARKING AS SPECIFIED
- LINEMARKING TO BE REMOVED
- RAISED REFLECTIVE PAVEMENT MARKERS (RRPM's)
- PROPOSED TRAFFIC SIGNS
- EXISTING TRAFFIC SIGNS
- CADASTRAL BOUNDARY
- EXISTING ROAD EDGE/KERB
- SHARED PATH - SURFACE TREATMENT
- SHARED PATH - CONCRETE (COLOUR: RED OCHRE)

NOTE:
REFER DRAWING 20-10-148/450 FOR
PAVEMENT MARKING NOTES & DETAILS



PROJECT: **SHARED PATH
ERIC STREET, COTTESLOE**

DATE	ISSUED FOR 85% DESIGN REVIEW	REVISION	DPE
25-03-2022			BY

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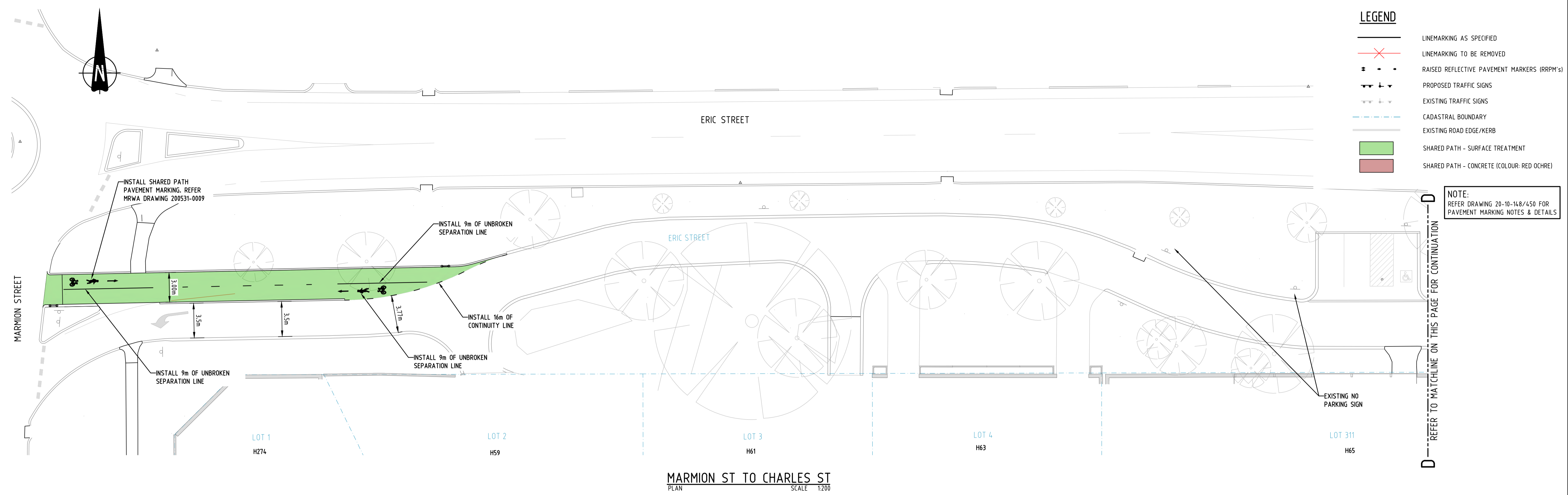
DRAWING: **SIGNS & PAVEMENT MARKING PLAN
CHAMBERLAIN ST TO MARMION ST
SHEET 3 OF 4**

SCALE	1:200	DRAWING No	REV No	ORIGINAL DRAWING SIZE
DATE	JAN 2022	21-10-148/452	A	A1
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CHECK	APPD			

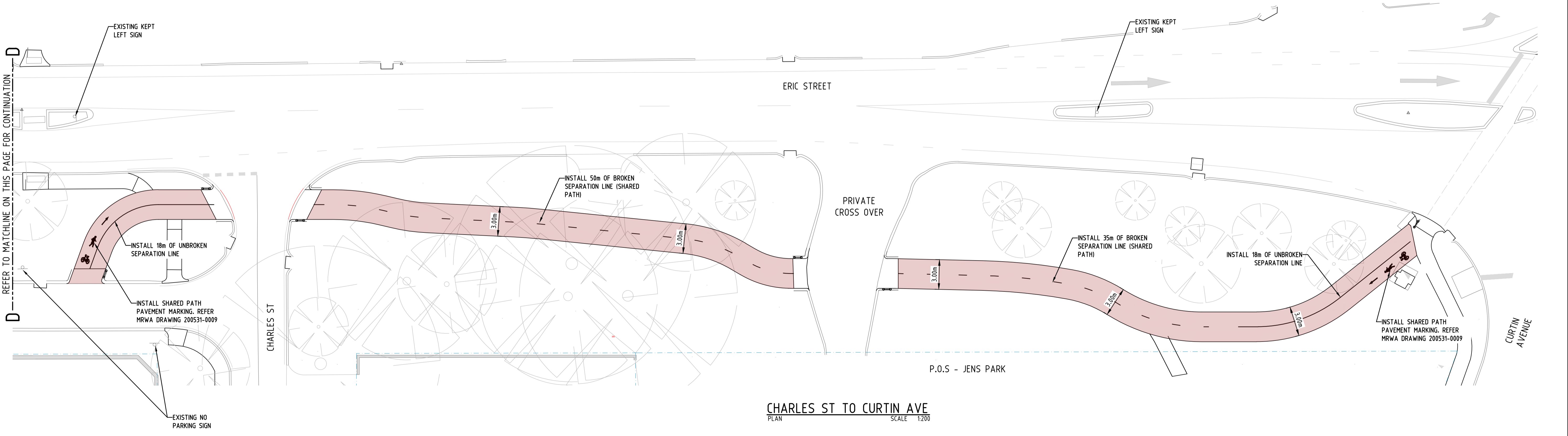
STATUS: **FOR APPROVAL**

LEGEND	
	LINEMARKING AS SPECIFIED
	LINEMARKING TO BE REMOVED
	RAISED REFLECTIVE PAVEMENT MARKERS (RRPM's)
	PROPOSED TRAFFIC SIGNS
	EXISTING TRAFFIC SIGNS
	CADASTRAL BOUNDARY
	EXISTING ROAD EDGE/KERB
	SHARED PATH - SURFACE TREATMENT
	SHARED PATH - CONCRETE (COLOUR: RED OCHRE)

NOTE:
REFER DRAWING 20-10-148/450 FOR
PAVEMENT MARKING NOTES & DETAILS



MARMION ST TO CHARLES ST
PLAN SCALE 1:200



CHARLES ST TO CURTIN AVE
PLAN SCALE 1:200



PROJECT:
**SHARED PATH
ERIC STREET, COTTESLOE**

NO.	DATE	ISSUED FOR 85% DESIGN REVIEW	REVISION	DPE	BY
A	25-03-2022				

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DRAWING:
**SIGNS & PAVEMENT MARKING PLAN
MARMION ST TO CURTIN AVE
SHEET 4 OF 4**

SCALE	DATE	DESIGN	DRAWN	CHECK	APPD	DRAWING No	REV No	ORIGINAL DRAWING SIZE
1:200	JAN 2022	ELW	DPE			21-10-148/453	A	A1
STATUS: FOR APPROVAL						FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-450-456.dwg		

SITWORKS NOTES

- VERTICAL DATUM : AUSTRALIAN HEIGHT DATUM (AHD)
HORIZONTAL DATUM : PERTH COASTAL GRID 1994 (PCG94)
- EXISTING SURVEY/CONTOURS FROM SITE SURVEY BY BROOK AND MARSH
- SERVICES, SUCH AS SEWER, WATER, GAS, COMMUNICATIONS, ELECTRICITY AND DRAINAGE MAY BE ENCOUNTERED DURING CONSTRUCTION OF THE WORKS. SERVICES INFORMATION SHOWN ON DRAWINGS IS INDICATIVE ONLY AND MAY NOT BE COMPLETE. BEFORE EXCAVATION COMMENCES THE LOCATION OF ALL SUCH SERVICES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITIES BY THE CONTRACTOR.
- THE CONTRACTOR SHALL CO-ORDINATE THE LOCATION OF ALL EXISTING AND PROPOSED SERVICES PRIOR TO COMMENCEMENT OF WORK. ANY CONFLICTS ARE TO BE REPORTED TO THE SUPERINTENDENT IMMEDIATELY.
- THE CONTRACTOR SHALL PROVIDE A SAFE WORKING ENVIRONMENT FOR THE DURATION OF THE WORKS. CONTRACTOR SHALL HAVE IN PLACE A PROJECT SAFETY AND RISK MANAGEMENT SYSTEM WHICH COMPLIES WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT AND WORK SAFE WA REQUIREMENTS.
- THE CONTRACTOR SHALL LIMIT ACCESS TO THE WORKS TO THE SITWORKS BOUNDARY. EXISTING VEGETATION OUTSIDE OF BOUNDARY TO BE PROTECTED.
- THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A DUST MANAGEMENT PLAN IN ACCORDANCE WITH THE DEPARTMENT OF ENVIRONMENT AND CONSERVATION'S GUIDELINES. THE CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL APPROVALS FROM THE LOCAL AUTHORITY FOR THIS DUST MANAGEMENT PLAN PRIOR TO ANY WORKS STARTING ON SITE.
- DUST SUPPRESSION METHODS SHALL BE APPLIED BY THE CONTRACTOR IN ACCORDANCE WITH THE SPECIFICATION.
- ALL TREES SHALL REMAIN UNDISTURBED UNLESS SPECIFICALLY NOTED ON THE PLANS OR ADVISED BY THE ENGINEER. THE CONTRACTOR SHALL FENCE OFF ALL TREES TO BE PROTECTED, FOR ACCEPTANCE BY THE PRINCIPAL, PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL REMOVE FROM SITE ALL RUBBISH WITHIN SITWORKS BOUNDARY TO AN APPROVED DISPOSAL SITE.

PATH NOTES

- ALL FOOTPATHS AND PEDESTRIAN RAMPS SHALL BE CONSTRUCTED TO LOCAL AUTHORITY STANDARD. ALL MATERIAL USED SHALL BE IN ACCORDANCE WITH LOCAL AUTHORITY STANDARD SPECIFICATION
- THE CONTRACTOR SHALL PROTECT ALL EXISTING WORKS, AND SUPPLY AND MAINTAIN ALL SAFETY DEVICES TO PROTECT VEHICLES, PEDESTRIANS AND THE WORKS
- UNLESS OTHERWISE SHOWN, ALL CONCRETE JOINTS SHALL BE SPACED IN ACCORDANCE WITH THE LOCAL AUTHORITY REQUIREMENTS. IF NOT AVAILABLE, THEY SHALL BE AS PER THE IPWEA REQUIREMENTS. JOINTS SHALL TIE IN WITH KERB JOINTS.
- PRIOR TO PLACING CONCRETE THE BASE SHALL BE FREE FROM DELTERIOUS MATERIAL, UNIFORMLY COMPACTED TO 95% MAXIMUM DRY DENSITY AND LIGHTLY DAMPENED.
- ALL CONCRETE WORK SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 32 MPa AT 28 DAYS, UNLESS OTHERWISE NOTED.
- THE FINAL SURFACE SHALL BE BROOM FINISHED AND ALL EDGES AND JOINTS TOOL FINISHED.
- CONTRACTOR SHALL PROTECT THE FINISHED WORK FOR 24 HOURS AFTER THE CONCRETE HAS BEEN LAID, ANY DAMAGE SHALL BE MADE GOOD AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL INSTALL ALL PATH PAVEMENT MARKINGS IN ACCORDANCE WITH THE SPECIFICATION AND MAIN ROADS WA STANDARD DRAWINGS.

ROAD NOTES

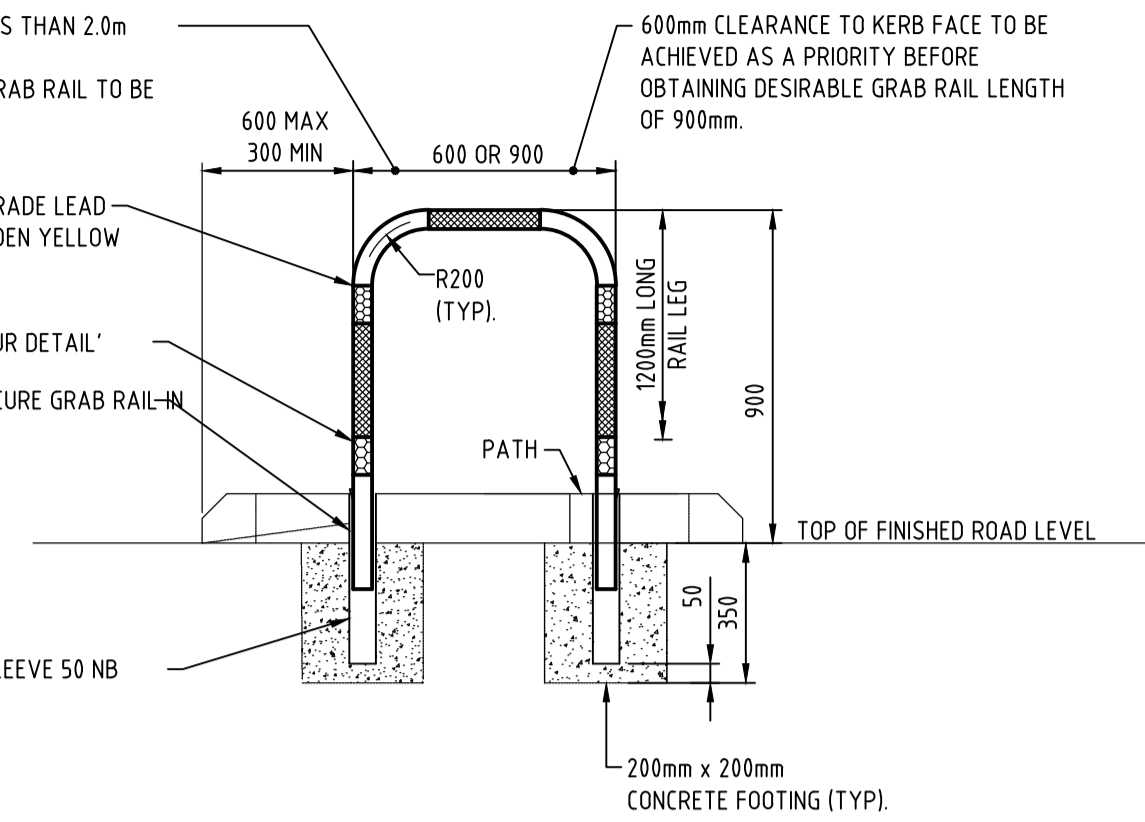
- VERTICAL DATUM : AUSTRALIAN HEIGHT DATUM
HORIZONTAL DATUM : PERTH COASTAL GRID 1994 (PCG94)
- SERVICES, SUCH AS SEWER, WATER, GAS, TELEPHONE, ELECTRICITY, AND DRAINAGE MAY BE ENCOUNTERED DURING CONSTRUCTION OF THE WORKS. SERVICES INFORMATION SHOWN ON DRAWINGS IS INDICATIVE ONLY AND MAY NOT BE COMPLETE. BEFORE EXCAVATION COMMENCES THE LOCATION OF ALL SUCH SERVICES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITIES.
- THE CONTRACTOR SHALL CO-ORDINATE THE LOCATION OF ALL EXISTING AND PROPOSED SERVICES PRIOR TO COMMENCEMENT OF WORK. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION, BUT WHERE NO DETAIL PROVIDED, TO THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL SIGNING, LIGHTING AND FLAGMEN NECESSARY TO ENSURE SAFETY OF THE PUBLIC AND OF THE WORKS.
- LOCATE ALL LEVELS FROM EXISTING SURVEY MARKS. ALL SURVEY MARKS SHALL BE PROTECTED.
- EXISTING VERGES SHALL NOT BE DISTURBED BEYOND THE EXTENT OF WORK.
- ALL FILL SHALL BE CLEAN NON PLASTIC MATERIAL FREE FROM VEGETATION AND OTHER DELETERIOUS MATERIAL AND CERTIFIED AS SUITABLE FOR RESIDENTIAL LANDUSE.
- ALL FILL SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 300mm THICKNESS AND COMPACTED TO A DENSITY NOT LESS THAN 95% MAXIMUM DRY DENSITY.
- CONTRACTOR SHALL TIE IN OF NEW SURFACE TO FINISH FLUSH WITH EXISTING SURFACE.
- BRICK PAVING SHALL BE CLAY HIGH PERFORMANCE 80mm PAVERS LAID IN HERRINGBONE 45° WITH HEADER COURSE AND PAVELOK UNLESS OTHERWISE SHOWN. COLOUR TO BE SPECIFIED BY THE ENGINEER.
- ALL KERBING SHALL BE SEMI MOUNTABLE (SMK) UNLESS OTHERWISE NOTED. TRANSITIONS BETWEEN DIFFERENT KERBS SHALL BE OVER 2m.
- SIGN POSTS AND PLATES SHALL BE SUPPLIED AND INSTALLED TO LOCAL AUTHORITY REQUIREMENTS.
- THE CONTRACTOR SHALL SPOT OUT THE LINE MARKING ON ROADS. THE CONTRACTOR SHALL ADVISE MAIN ROADS WHEN THE SITE IS READY FOR LINEMARKING AND SIGNAGE INSTALLATION. LINE MARKING AND SIGNING SHALL BE UNDERTAKEN BY MAIN ROADS.
- THE CONTRACTOR SHALL PREPARE AS-CONSTRUCTED ROADS AND PATH DRAWINGS (INCLUDING SURVEY) TO THE SATISFACTION OF THE LOCAL AUTHORITY. AS CONSTRUCTED PLANS SHALL BE ISSUED TO THE ENGINEER FOR SIGNING AND PRESENTATION TO THE LOCAL AUTHORITY.
- THE CONTRACTOR SHALL PREPARE AND PROVIDE ROAD AND PATH AS CONSTRUCTED DOCUMENTS IN 'R' SPEC FORMAT AS PER LOCAL AUTHORITY REQUIREMENTS.
- IT IS DEEMED THAT THE AS CONSTRUCTED DOCUMENTS FORM PART OF THE WORKS. PRACTICAL COMPLETION CAN NOT BE AWARDED IF ACCEPTABLE AS CONSTRUCTED DOCUMENTS HAVE NOT BEEN PROVIDED TO THE ENGINEER.

NOTE: IF MEDIAN IS LESS THAN 1.2m WIDE NO GRAB RAIL IS REQUIRED.
IF MEDIAN IS MORE THAN 1.2m BUT LESS THAN 2.0m WIDE, GRAB RAIL TO BE 600mm LONG.
IF MEDIAN IS MORE THAN 2.0m WIDE, GRAB RAIL TO BE 900mm LONG.

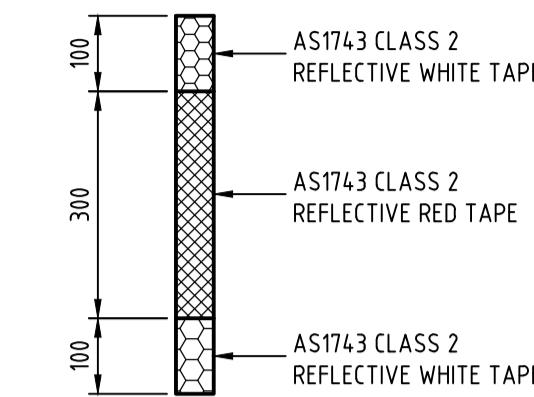
40NB PIPE PAINTED WITH EXTERIOR GRADE LEAD FREE POLYESTER POWDER COAT, GOLDEN YELLOW Y14, AS 1743.

REFER TO 'RAIL COLOUR DETAIL'
METAL WEDGE TO SECURE GRAB RAIL IN METAL SLEEVE

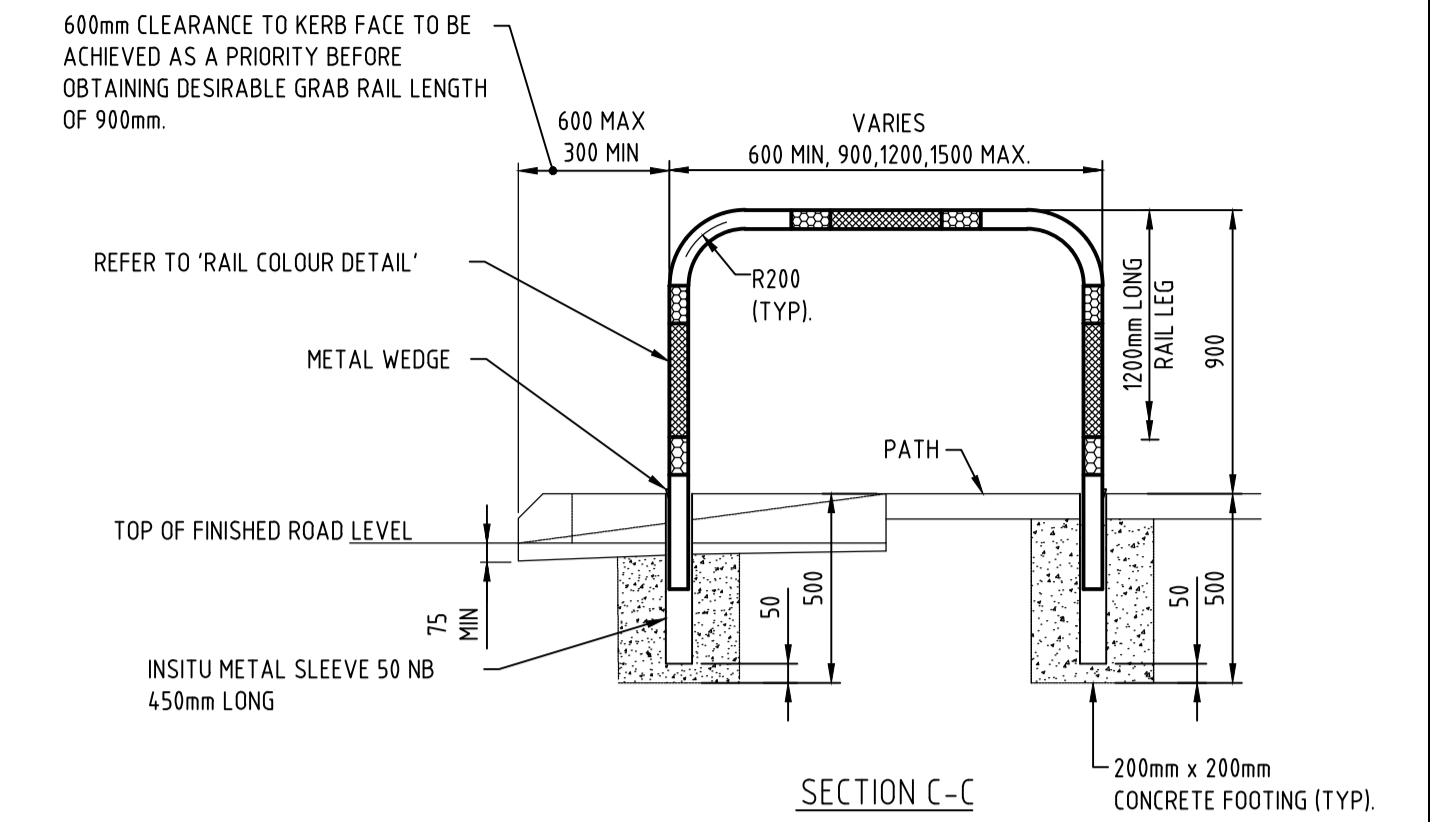
INSITU METAL SLEEVE 50 NB 450mm LONG



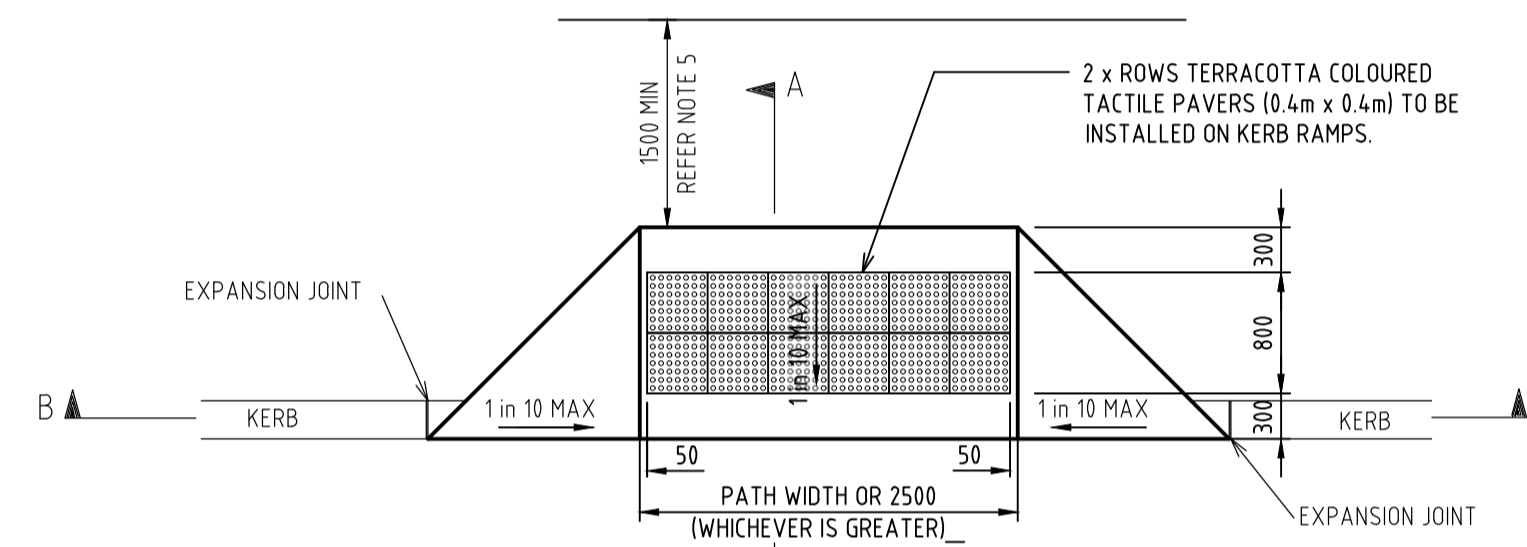
PEDESTRIAN GRAB RAIL DETAIL
MEDIAN AND MEDIAN ISLAND LOCATION



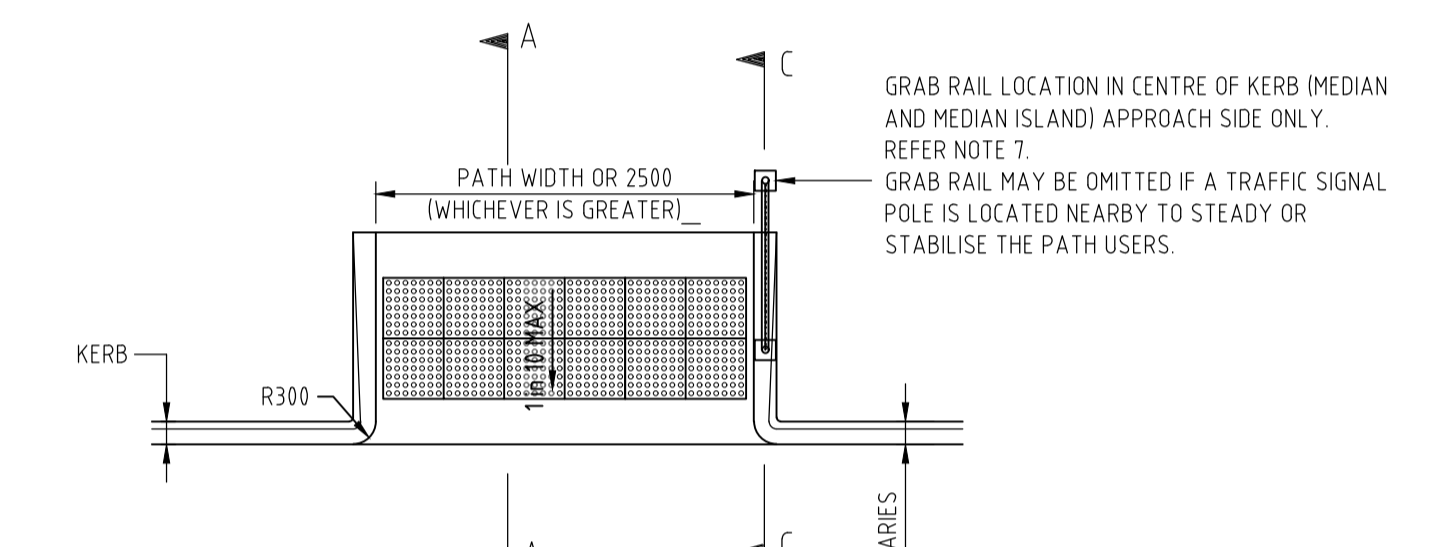
RAIL COLOUR DETAIL



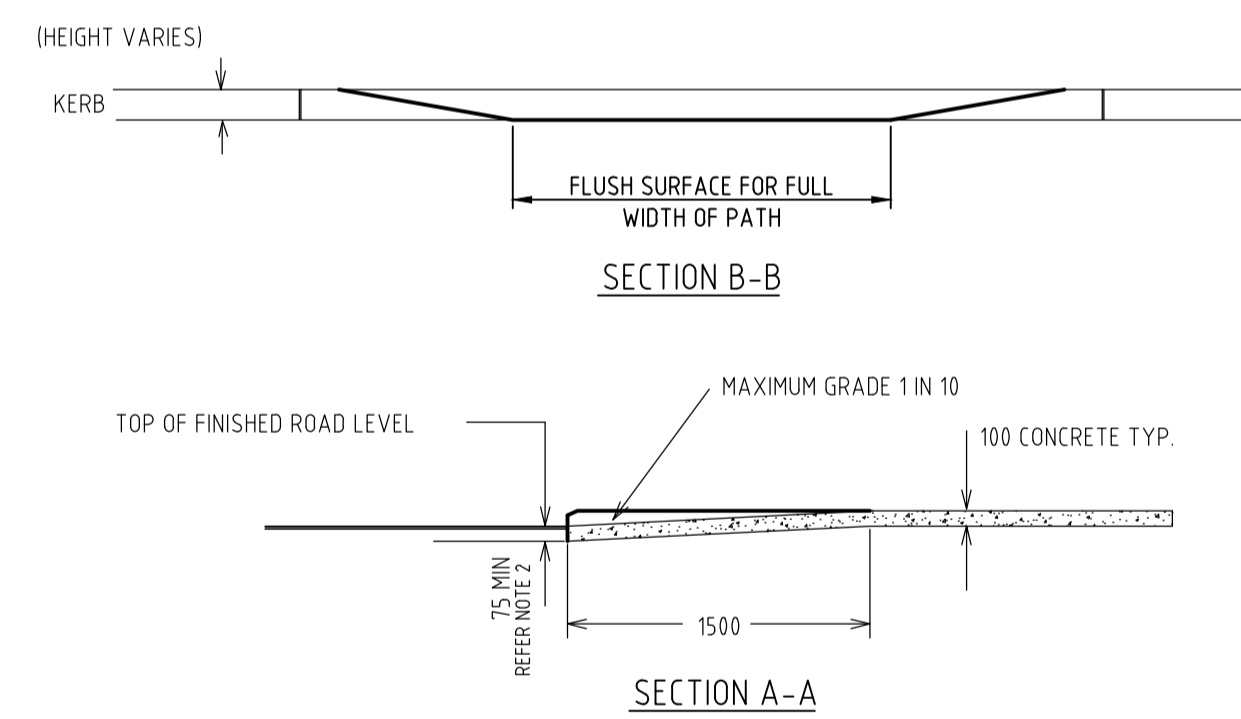
SECTION C-C
200mm x 200mm CONCRETE FOOTING (TYP.)



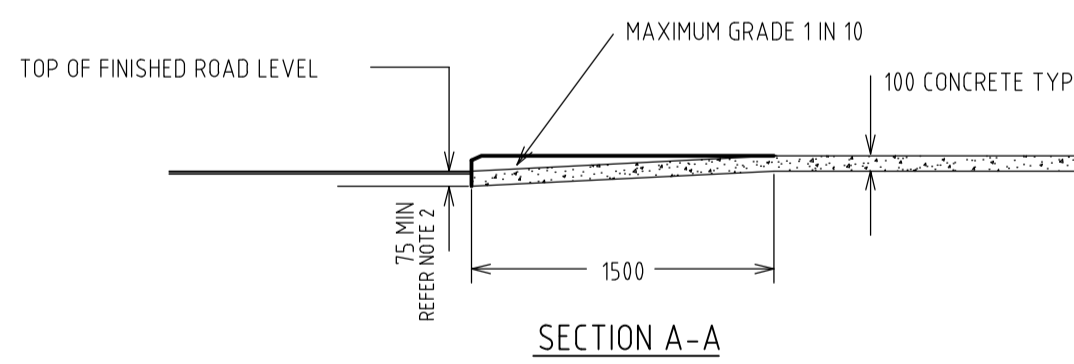
PLAN - KERB RAMP - TYPE A
ROAD VERGE LOCATION
NO GRAB RAIL



PLAN - KERB RAMP - TYPE B
MEDIAN AND MEDIAN ISLAND LOCATION



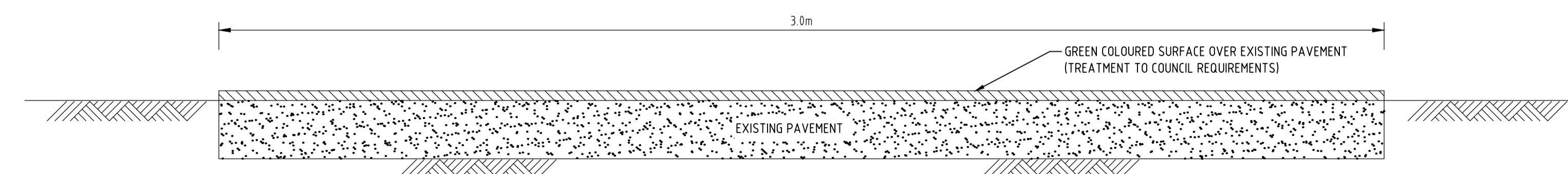
SECTION B-B



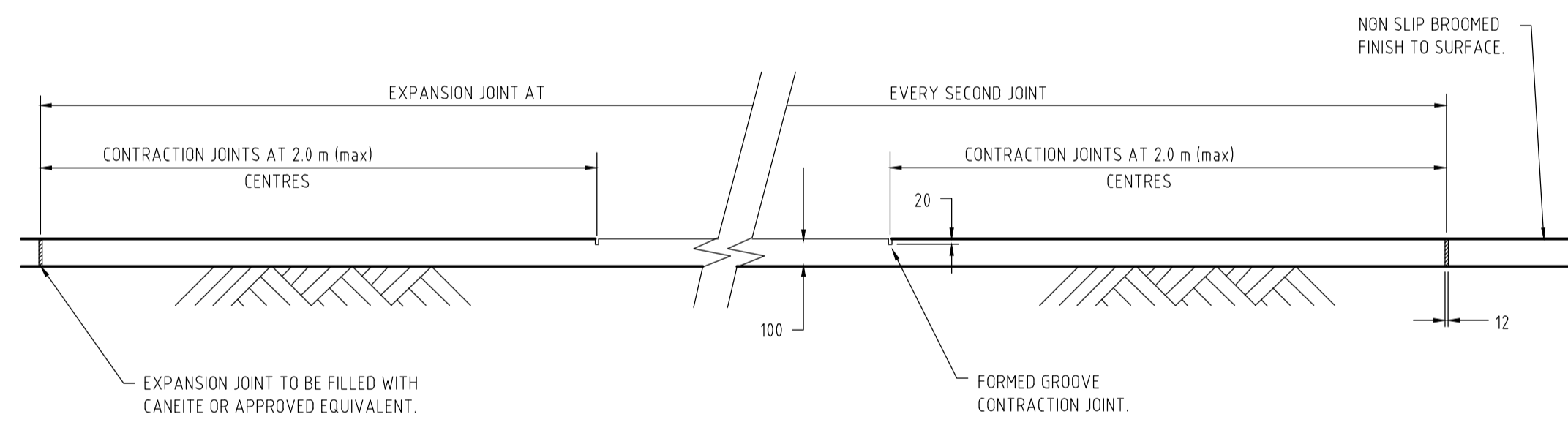
SECTION A-A

RAMP AND GRAB RAIL DETAILS

NOT TO SCALE



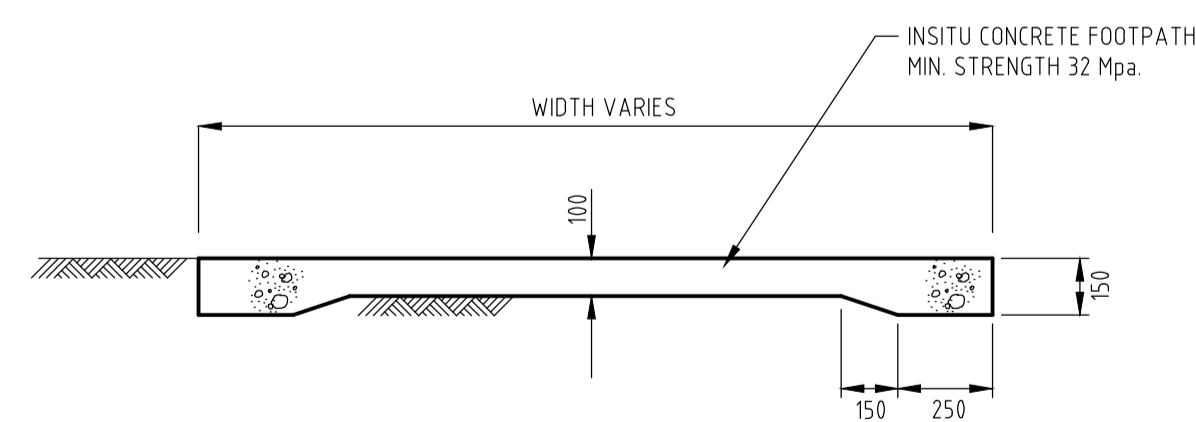
COLOUR TEXTURED SURFACE COATING (ANTI-SKID)



LONG SECTION THROUGH CAST INSITU PATH

SCALE 1:20

NOTE: WHERE PATH IS AGAINST EXTRUDED CONCRETE KERB, CONSTRUCTION AND EXPANSION JOINTS SHALL BE MATCHED.



CONCRETE PATH CROSS SECTION

NOT TO SCALE

NOTES

- EDGE OF RAMP SHALL BE FLUSH WITH ROAD PAVEMENT (ASPHALT OR SEAL).
- WHERE ASPHALT IS NOT TO BE APPLIED IN THE CURRENT STAGE, RAMP PAVEMENT DOWN TO ENSURE MINIMUM CONCRETE THICKNESS OF 75mm AT THE LEADING EDGE. WHERE ASPHALT IS APPLIED LATER, IT SHALL OVERLAY THE LOWER SECTION OF THE RAMP.
- ALL CONCRETE SHALL BE BROOM FINISHED ACROSS THE DIRECTION OF PEDESTRIAN TRAFFIC TO PROVIDE A NON-SLIP SURFACE.
- A MINIMUM 2500mm OF KERB SHALL BE PROVIDED BETWEEN ADJACENT RAMPS.
- PATHS PARALLEL TO THE KERB SHALL BE REALIGNED OR WIDENED TO PROVIDE A LEVEL SECTION 1.5m MINIMUM WIDTH BEHIND THE RAMP.
- PEDESTRIAN GAPS SHALL BE A MINIMUM WIDTH OF 2.5m AND BE USED INSTEAD OF KERB RAMPS IN MEDIANS, MEDIAN ISLANDS AND ISLANDS WHERE THE DISTANCE BETWEEN KERB FACES IS LESS THAN 4.5m.
- PEDESTRIAN GRAB RAILS SHALL BE PROVIDED AT MEDIANS AND MEDIAN ISLANDS GREATER THAN 1.2m WIDE. GRAB RAILS ARE TO BE PLACED ON THE TRAFFIC APPROACH SIDE OF THE RAMP AS SHOWN IN KERB RAMP - TYPE B TYPICAL.
- CONCRETE CLASS SHALL BE N20
- KERB RAMPS TO BE SKEWED TO MATCH DIRECTION OF ROAD CROSSING.

PROJECT:

SHARED PATH ERIC STREET, COTTESLOE

B 06-04-2022 MINOR NOTE CHANGE TO 'COLOUR TEXTURED SURFACE' DETAIL
A 25-03-2022 ISSUED FOR 85% DESIGN REVIEW
No. DATE REVISION

DPE
DPE
BY

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ONLY PLANS WITH NUMERICAL REVISION REV '1' OR HIGHER AND SIGNED AS APPROVED SHALL BE USED FOR CONSTRUCTION.

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CLIENT:

TOWN OF COTTESLOE

DRAWING:

STANDARD DETAILS - SHEET 1

STATUS: FOR APPROVAL

SCALE AS SHOWN

DATE JAN 2022

DESIGN ELW

DRAWN DPE

CHECK APPD

DRAWING No

21-10-148/600

REV No

B

A1

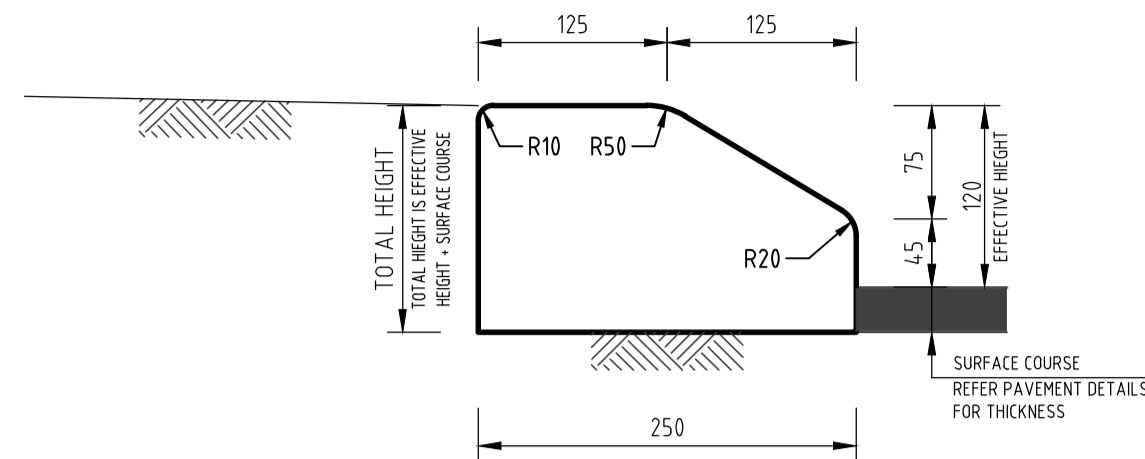
ORIGINAL DRAWING SIZE

FILE NAME: S:\ACTIVE PROJECTS\21-10-148\ACAD\2110148-600-601.dwg

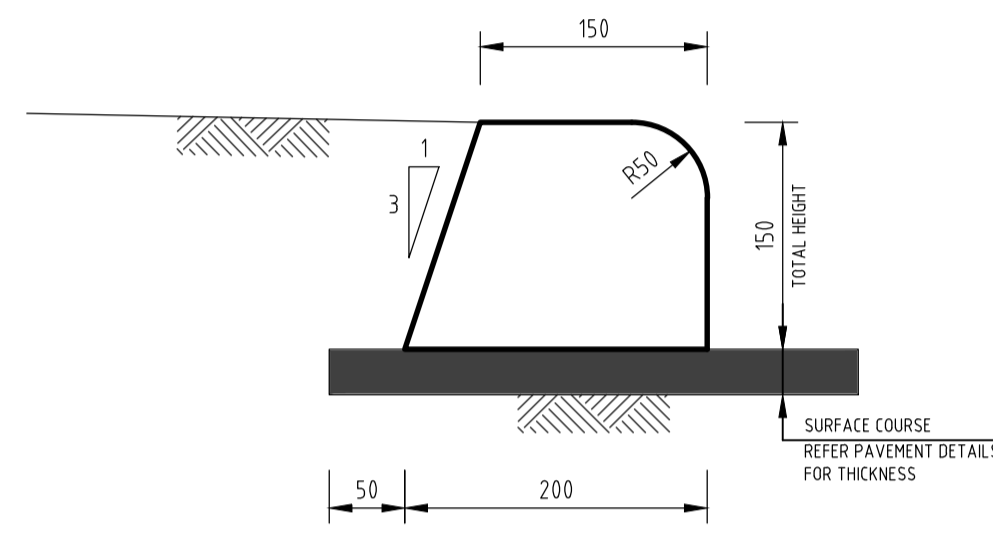


DRAINAGE NOTES

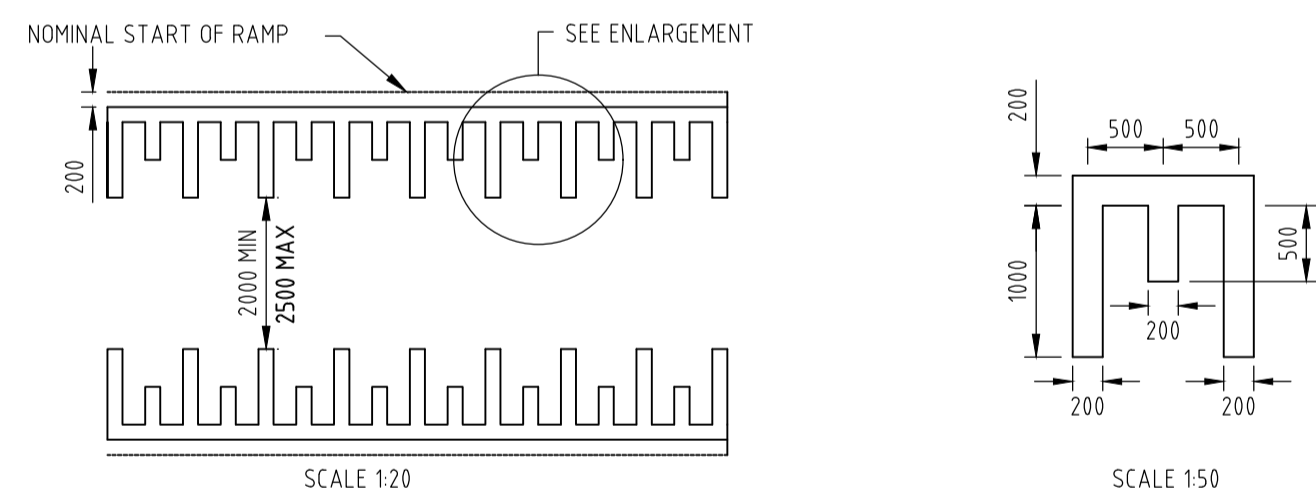
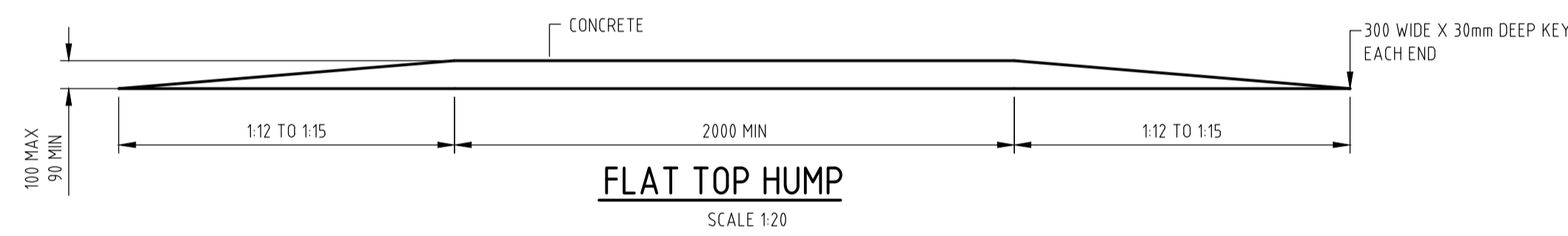
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2. SERVICES, SUCH AS SEWER, WATER, GAS, TELEPHONE, ELECTRICITY, AND DRAINAGE MAY BE ENCOUNTERED DURING CONSTRUCTION OF THE WORKS. SERVICES INFORMATION SHOWN ON DRAWINGS IS INDICATIVE ONLY AND MAY NOT BE COMPLETE. BEFORE EXCAVATION COMMENCES THE LOCATION OF ALL SUCH SERVICES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITIES.
3. THE CONTRACTOR SHALL CHECK INVERT LEVELS OF ALL EXISTING STORMWATER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ON ANY DISCREPANCIES.
4. ALL WORKS SHALL BE TO THE PROJECT SPECIFICATION, BUT WHERE NO DETAIL IS PROVIDED, TO THE REQUIREMENTS OF THE LOCAL AUTHORITY.
5. DRAINAGE PIPE LENGTHS ARE INDICATIVE ONLY, MANHOLES & GULLIES SHALL BE LOCATED AS SHOWN AND SETOUT IN ACCORDANCE WITH THE STANDARD DETAILS.
6. EXCAVATION SHALL BE KEPT TO A MINIMUM AND TRENCHES SUPPORTED.
7. PIPES SHALL BE LAID ON THE PREPARED BASE OF THE TRENCH, TO A UNIFORM GRADE AT DESIGN LEVELS.
8. THE CONTRACTOR SHALL PILE AND KEEL IN SOFT GROUND AND WHERE DRAINS CROSS EXISTING SERVICES.
9. ALL PIPES SHALL BE CLASS (2) UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHERE MIN. COVER CAN NOT BE ACHIEVED. MINIMUM COVER ON DRAINAGE TO BE 900mm UNDER ROAD AND 600mm IN VERGE UNLESS OTHERWISE NOTED.
10. PIPES SHALL BE LAID OVERTO TO OVERTO TAKEN FROM THE CENTRE OF THE PITS UNLESS OTHERWISE NOTED.
11. FILLING SHALL BE CLEAN NONPLASTIC MATERIAL FREE FROM STONES OR CLAY LUMPS. EXCAVATED MATERIAL SHOULD BE USED WHERE POSSIBLE. FILLING SHALL BE PLACED IN HORIZONTAL LAYERS NOT EXCEEDING 150mm IN THICKNESS AND COMPACTED TO ACHIEVE A DENSITY NOT LESS THAN 95% MAXIMUM DRY DENSITY.
12. THE CONTRACTOR SHALL PREPARE AS-CONSTRUCTED DRAINAGE DRAWINGS (INCLUDING SURVEY) TO THE SATISFACTION OF THE LOCAL AUTHORITY. AS CONSTRUCTED PLANS TO BE ISSUED TO THE ENGINEER FOR SIGNING AND PRESENTATION TO THE LOCAL AUTHORITY.
13. THE CONTRACTOR SHALL PREPARE AND PROVIDE DRAINAGE AS CONSTRUCTED DOCUMENTS IN 'D' SPEC FORMAT AS PER LOCAL AUTHORITY REQUIREMENTS
14. IT IS DEEMED THAT THE AS-CONSTRUCTED DOCUMENTS FORM PART OF THE WORKS. PRACTICAL COMPLETION CAN NOT BE AWARDED IF ACCEPTABLE AS-CONSTRUCTED DOCUMENTS HAVE NOT BEEN PROVIDED TO THE ENGINEER.



SMK SEMI-MOUNTABLE KERB - TYPE 1
STANDARD DETAIL SCALE 1:5

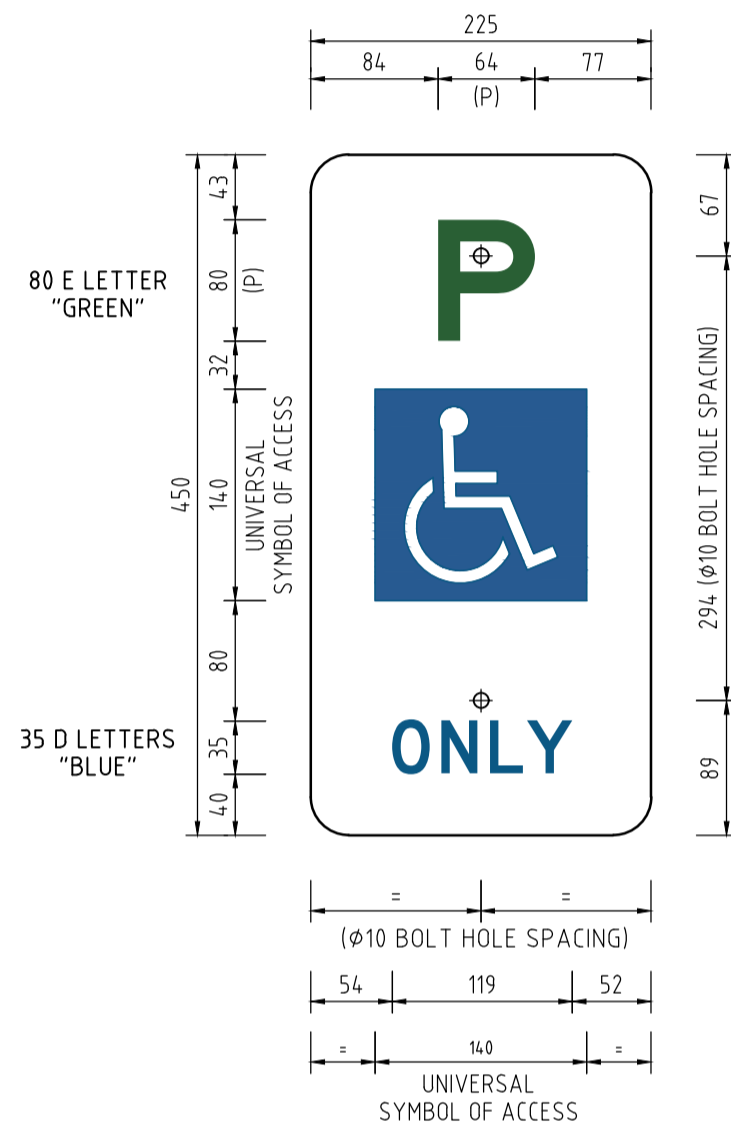


BK-1 BARRIER KERB - TYPE 1
KERB ON ASPHALT SCALE 1:5

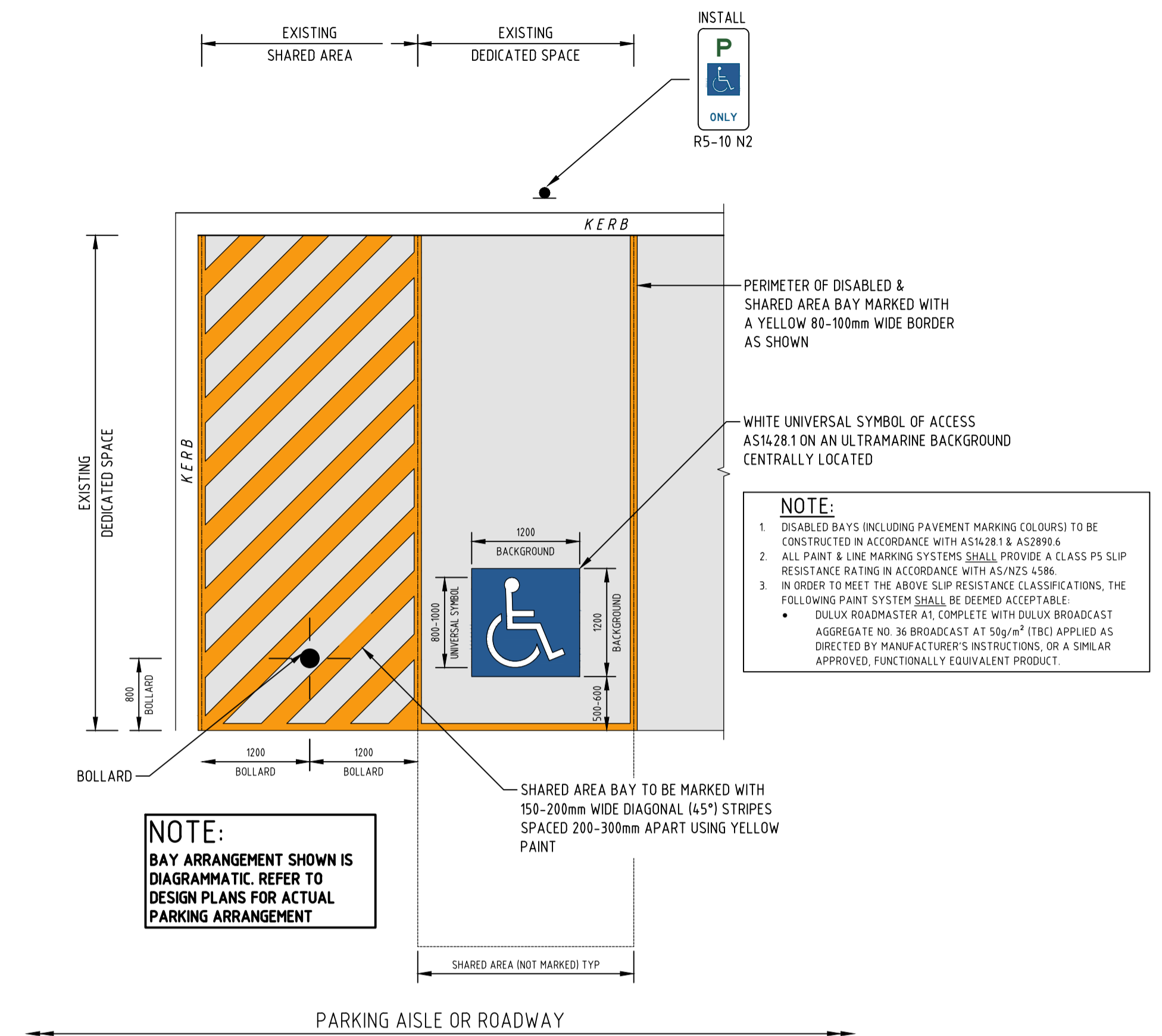


PAVEMENT MARKING DETAIL FOR ROAD HUMPS

- SIGN NOTES:**
1. DIMENSIONS: ALL MEASUREMENTS IN mm. CORNER RADIUS = 25.
 2. BORDER = NONE. EDGE STRIP = NONE. MAIN SIGN PANEL AREA = 0.101 m².
 3. COLOURS: GREEN RETROREFLECTIVE LETTER "P"; BLUE RETROREFLECTIVE UNIVERSAL SYMBOL OF ACCESS SYMBOL AND "ONLY" TEXT ON WHITE RETROREFLECTIVE BACKGROUND.
 4. RETROREFLECTIVE CLASS OF MATERIAL: CLASS 400.
 5. PROTECTIVE OVERLAY FILM: REQUIRED TO BE APPLIED IN ACCORDANCE WITH MRWA SPECIFICATION 601.
 6. GRAFFITI PROTECTION: TO BE SPECIFIED BY THE DESIGNER IN ACCORDANCE WITH MAIN ROADS SPECIFICATION 601.
 7. TEXT FONT: COMPLY WITH FHWA 2000 SERIES.



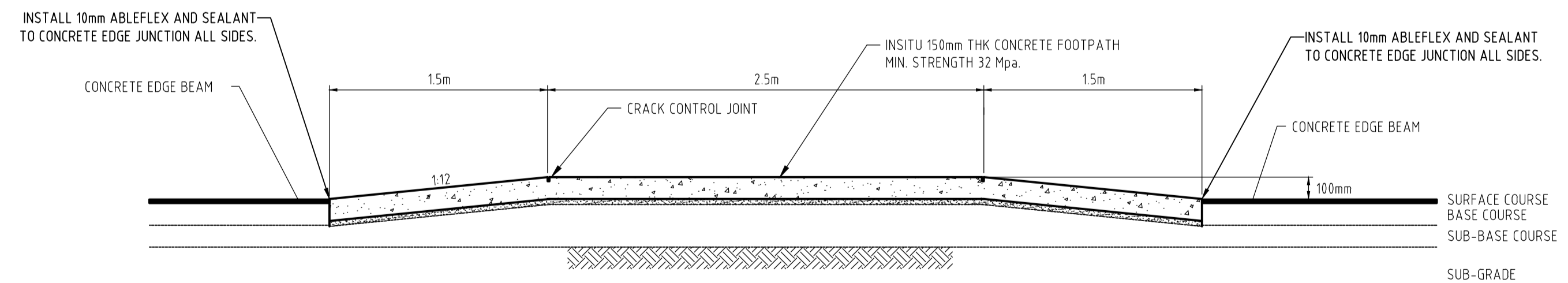
SIGN: R5-10 N2
DETAIL SCALE 1:5



NOTE:
BAY ARRANGEMENT SHOWN IS DIAGRAMMATIC. REFER TO DESIGN PLANS FOR ACTUAL PARKING ARRANGEMENT

NOTE:
1. DISABLED BAYS (INCLUDING PAVEMENT MARKING COLOURS) TO BE CONSTRUCTED IN ACCORDANCE WITH AS1428.1 & AS2890.6
2. ALL PAINT & LINE MARKING SYSTEMS SHALL PROVIDE A CLASS P5 SLIP RESISTANCE RATING IN ACCORDANCE WITH AS/NZS 4586.
3. IN ORDER TO MEET THE ABOVE SLIP RESISTANCE CLASSIFICATIONS, THE FOLLOWING PAINT SYSTEM SHALL BE DEEMED ACCEPTABLE:
• DULUX ROADMASTER A1, COMPLETE WITH DULUX BROADCAST AGGREGATE NO. 36 BROADCAST AT 50g/m² (T8C) APPLIED AS DIRECTED BY MANUFACTURER'S INSTRUCTIONS, OR A SIMILAR APPROVED, FUNCTIONALLY EQUIVALENT PRODUCT.

ACROD PARKING BAY WITH COMMON SHARED AREA
STANDARD DETAIL SCALE: DIAGRAMMATIC



TYPICAL FLAT TOP HUMPS - REINFORCED CONCRETE AGGREGATE ROAD SURFACE
SCALE 1:50

PROJECT: **CYCLE NETWORK**
ERIC STREET, COTTESLOE

DATE: 06-04-2022
ISSUED FOR 85% DESIGN REVIEW

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CLIENT: **TOWN OF COTTESLOE**

DRAWING: **STANDARD DETAILS - SHEET 2**

SCALE: AS SHOWN
DATE: JAN 2022
DESIGN: ELW
DRAWN: DPE
CHECK: APPD

DRAWING No: 21-10-148/601
REV No: B
ORIGINAL DRAWING SIZE: A1

STATUS: **FOR APPROVAL**