

RUTLAND AVENUE SLK 0.49 TO SLK 1.79 SHARED PATH - BISHOPSGATE ST TO STREATLEY RD

TOWN OF VICTORIA PARK (129)

DRAWING INDEX

GENERAL DRAWING

PS119158-CIV-051 LOCALITY PLAN AND DRAWING INDEX

PLAN AND PROFILE

PS119158-CIV-102 PLAN AND PROFILE - CHA 480 TO CHA 780
 PS119158-CIV-103 PLAN AND PROFILE - CHA 780 TO CHA 1080
 PS119158-CIV-104 PLAN AND PROFILE - CHA 1080 TO CHA 1380
 PS119158-CIV-105 PLAN AND PROFILE - CHA 1380 TO CHA 1680
 PS119158-CIV-106 PLAN AND PROFILE - CHA 1680 TO CHA 1718.818

TYPICAL CROSS SECTIONS

PS119158-CIV-113 TYPICAL CROSS SECTIONS
 PS119158-CIV-114 TYPICAL CROSS SECTIONS
 PS119158-CIV-115 TYPICAL CROSS SECTIONS

CONSTRUCTION PLANS

PS119158-CIV-202 CONSTRUCTION PLAN - SHEET 1 OF 4
 PS119158-CIV-203 CONSTRUCTION PLAN - SHEET 2 OF 4
 PS119158-CIV-204 CONSTRUCTION PLAN - SHEET 3 OF 4
 PS119158-CIV-205 CONSTRUCTION PLAN - SHEET 4 OF 4

DRAINAGE PLAN

PS119158-CIV-206 DRAINAGE STRUCTURES SCHEDULE
 PS119158-CIV-208 DRAINAGE PLAN - SHEET 1 OF 4
 PS119158-CIV-209 DRAINAGE PLAN - SHEET 2 OF 4
 PS119158-CIV-210 DRAINAGE PLAN - SHEET 3 OF 4
 PS119158-CIV-211 DRAINAGE PLAN - SHEET 4 OF 4

PAVEMENT PLANS

PS119158-CIV-250 PAVEMENT PLAN - SHEET 1 OF 4
 PS119158-CIV-251 PAVEMENT PLAN - SHEET 2 OF 4
 PS119158-CIV-252 PAVEMENT PLAN - SHEET 3 OF 4
 PS119158-CIV-253 PAVEMENT PLAN - SHEET 4 OF 4

SIGNS AND LINEMARKING PLANS

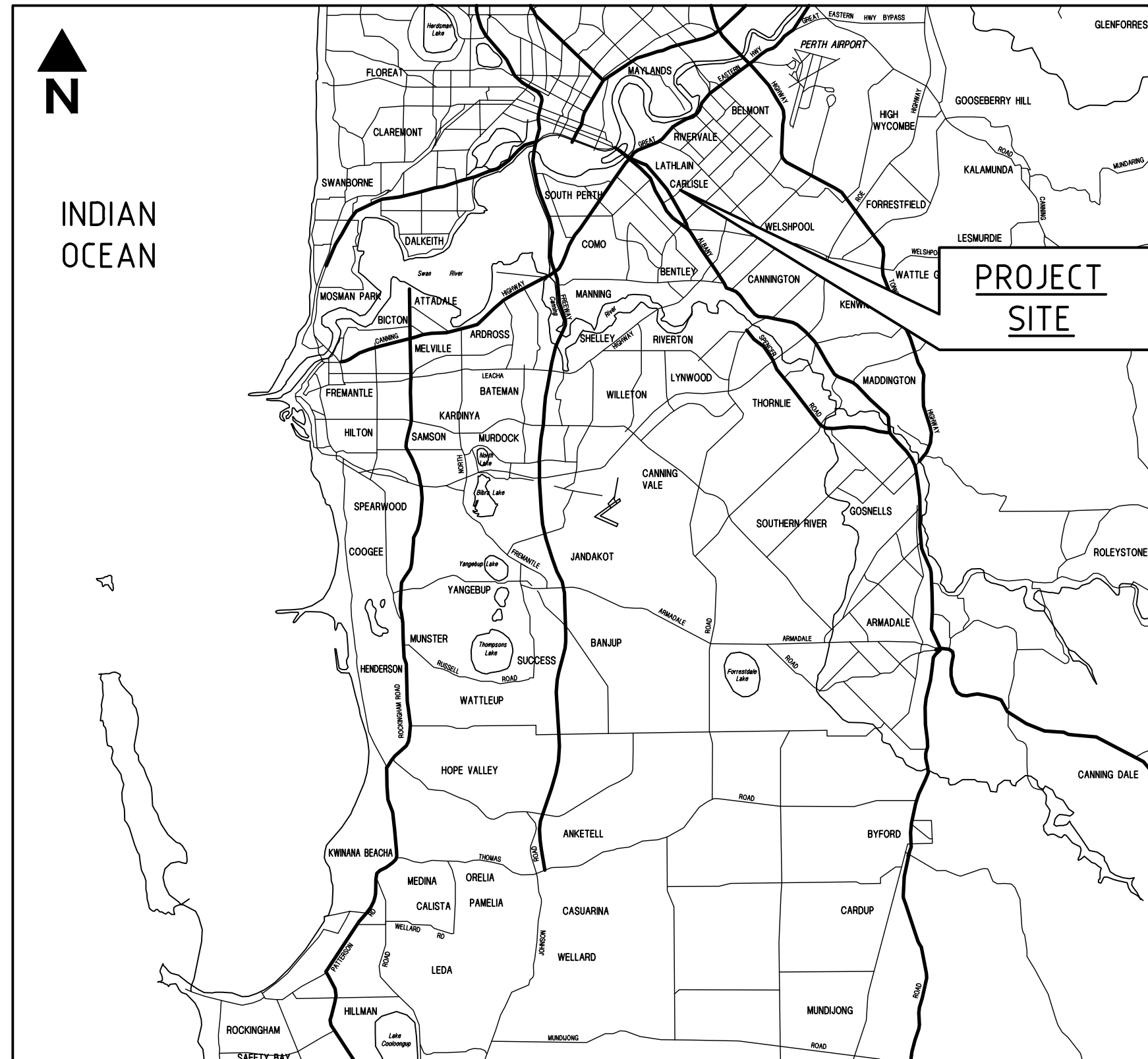
PS119158-CIV-302 SIGNS AND LINEMARKING PLAN - SHEET 1 OF 4
 PS119158-CIV-303 SIGNS AND LINEMARKING PLAN - SHEET 2 OF 4
 PS119158-CIV-304 SIGNS AND LINEMARKING PLAN - SHEET 3 OF 4
 PS119158-CIV-305 SIGNS AND LINEMARKING PLAN - SHEET 4 OF 4
 PS119158-CIV-350 BARRIER PLAN AND BARRIER SCHEDULE - SHEET 1 OF 1

CROSS SECTIONS

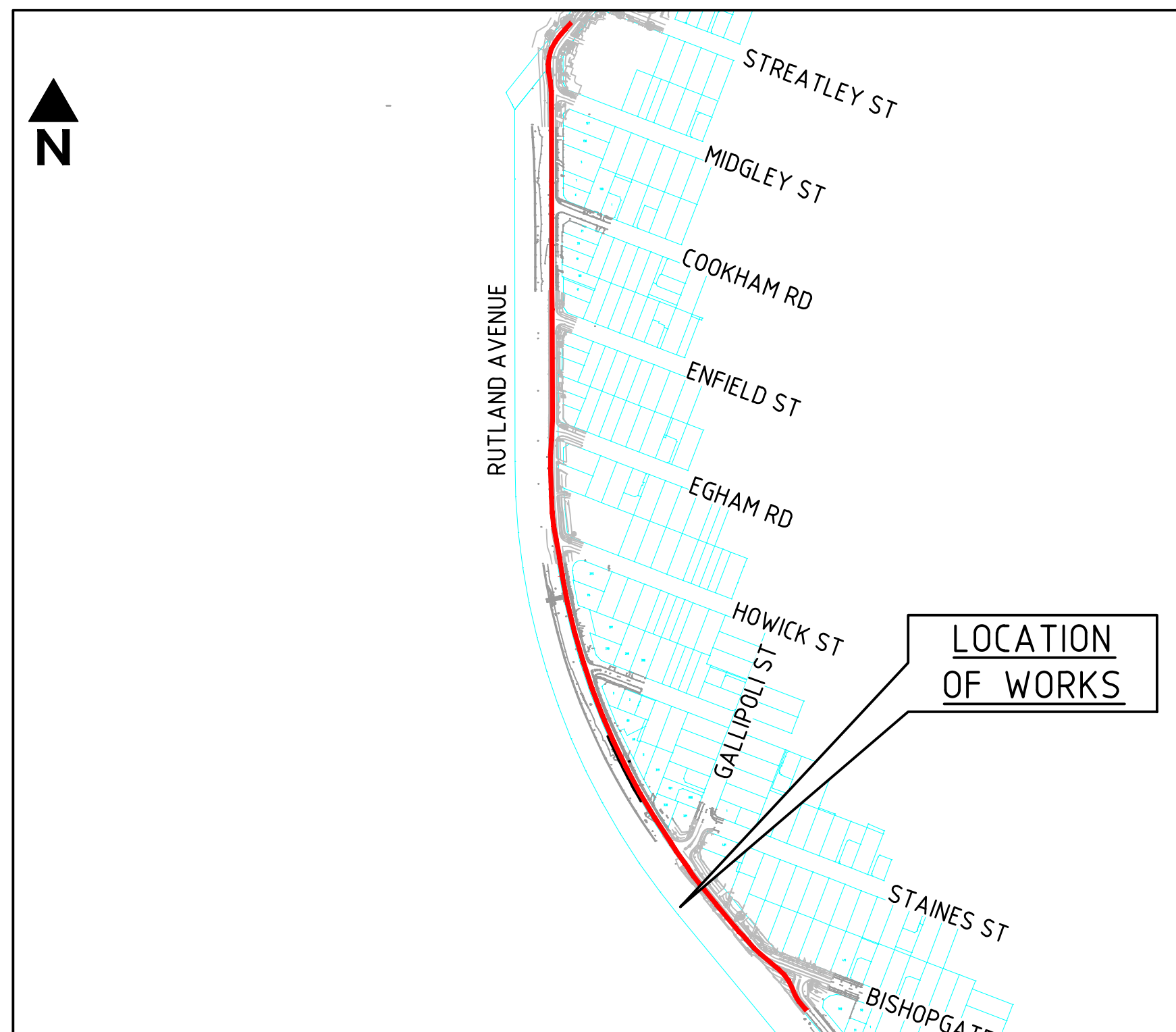
PS119158-CIV-502 CROSS SECTIONS - CHA 580 TO CHA 860
 PS119158-CIV-503 CROSS SECTIONS - CHA 880 TO CHA 1220
 PS119158-CIV-504 CROSS SECTIONS - CHA 1240 TO CHA 1600
 PS119158-CIV-505 CROSS SECTIONS - CHA 1620 TO CHA 1700

LIGHTING PLANS

PS119158-CIV-700 LIGHTING LAYOUT PLAN
 PS119158-CIV-701 LIGHTING LAYOUT PLAN
 PS119158-CIV-702 LIGHTING LAYOUT PLAN
 PS119158-CIV-703 WESTERN POWER POLE SCHEDULE
 PS119158-CIV-704 PROPOSED LIGHTING ASSESSMENT
 PS119158-CIV-705 PROPOSED LIGHTING ASSESSMENT
 PS119158-CIV-706 PROPOSED LIGHTING ASSESSMENT
 PS119158-CIV-707 CALCULATION SUMMARY



KEY PLAN
N.T.S.



LOCALITY PLAN
N.T.S.

PS119158-CIV-051

File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-051.dwg, printed on Monday, 27 March 2023 4:31:45 PM by Kc, Anil

REV	DATE	BY	DESCRIPTION	CHK	APPD
B	10.03.2023	DC	ISSUED FOR 100% DESIGN	RE	LD
A		MY	ISSUED FOR 85% DESIGN REVIEW		

REFERENCE COORDINATION DRAWINGS			
DESCRIPTION	DRAWING NO.	REV	CHK
SURVEY DATUM			
HORIZONTAL DATUM:		VERTICAL DATUM:	

SCALE:	

A1 ORIGINAL DO NOT SCALE THIS DRAWING	
APPROVED	
SIGNED:	
DATE:	RREQ:
© WSP Australia Pty Ltd.	



Level 5, 503 Murray Street, Perth
 PO Box 7181, WA 6850, Australia
 Tel: +61 8 9489 9700 Fax: +61 8 9426 4999
 wsp.com



TOWN OF VICTORIA PARK

PROJECT:	RUTLAND AVENUE SHARED PATH
TITLE:	RUTLAND AVENUE PACKAGE 2 LOCALITY PLAN AND DRAWING INDEX

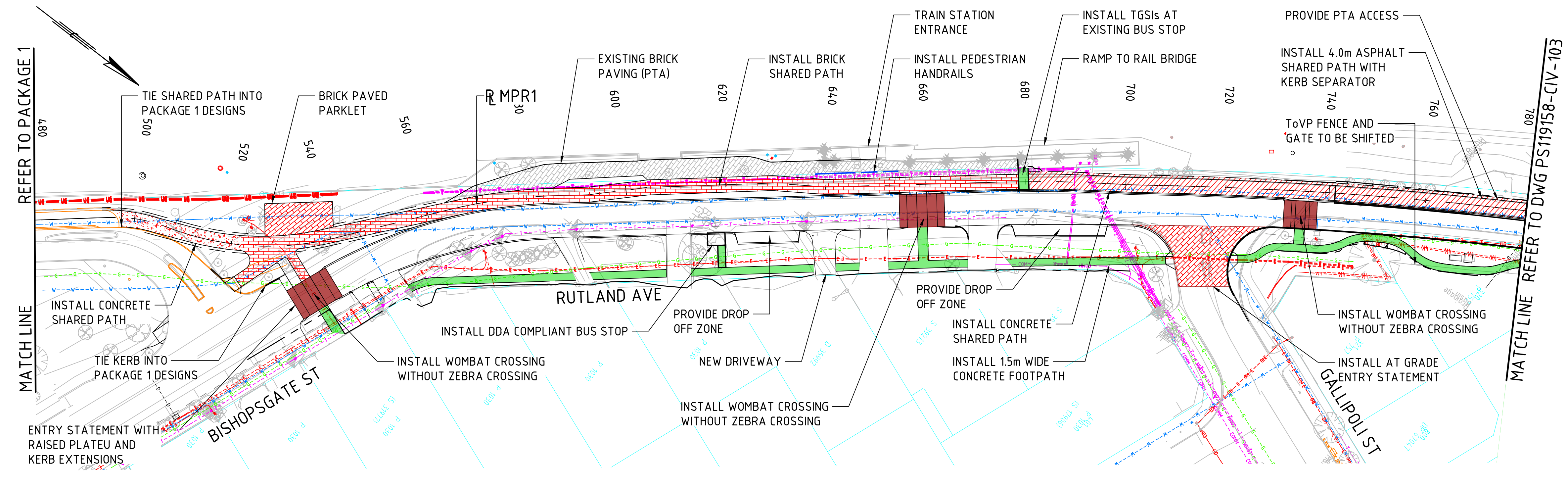
DRAWING STATUS:		
100% DESIGN NOT FOR CONSTRUCTION		
DESIGNED:	CHECKED:	APPROVED:
C. BAILEY	R. ENGELBRECHT	L. DAWSON
PROJECT NO:	DRAWN:	DATE:
PS119158	M. YVON	10.03.2023
DRAWING NO:	REV:	
PS119158 - CIV - 051	B	

NOTES

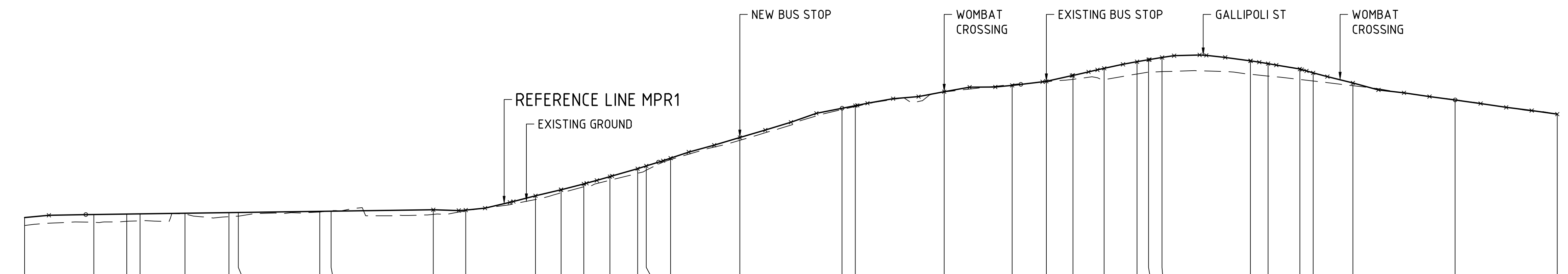
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. KERB SEPARATOR TO BE INSTALLED WITH 1m BREAK EVERY 9m.

LEGEND

- REFERENCE LINE
- CADASTRAL BOUNDARY
- SURVEY
- ASPHALT SHARED PATH
- NEW CONCRETE FOOTPATH
- CONCRETE SHARED PATH
- EXISTING BRICK PAVING
- NEW BRICK PAVING
- PROPOSED PEDESTRIAN HANDRAIL
- WOMBAT CROSSING
- PACKAGE 1 DESIGN
- W-BEAM BARRIER (TL3)
- ET-SS TERMINAL (TL2)
- TRAILING END TERMINAL
- EXISTING NOISE WALL
- EXISTING FENCE
- EXISTING WATER
- EXISTING SEWER
- EXISTING GAS
- EXISTING HV POWER
- EXISTING LV POWER
- EXISTING POWER
- EXISTING TELSTRA
- EXISTING COMMUNICATION



PLAN
1:500



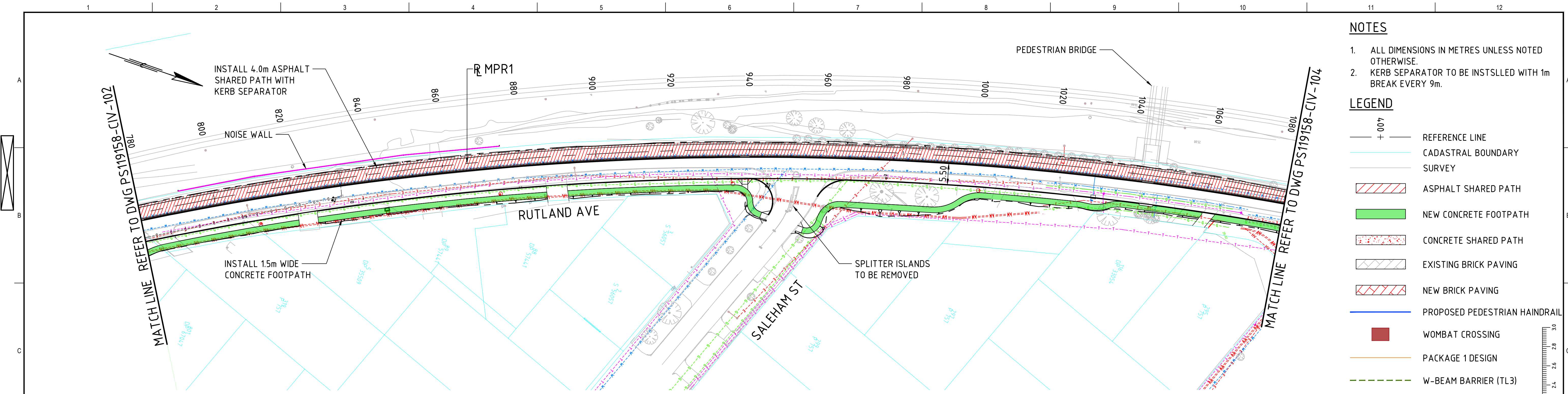
PROFILE
1:500H, 1:20V

CHAINAGE ON MPR1	480	493.563	500	502.622	511.403	520	521.837	537.798	540	560	566.367	580	585.027	589.459	594.581	600	601.697	606.441	620	640	642.619	660	673.312	680	685.202	691.318	697.754	700	702.652	719.937	723.401	729.62	732.224	740	760	780		
DESIGN TO GROUND LEVEL DIFFERENCE	0.158	0.150	0.141	0.134	0.077	0.080	0.070	0.073	-0.010	0.091	0.020	0.074	0.061	0.058	0.069	0.090	0.080	0.027	0.053	0.023	0.016	0.004	-0.017	-0.003	0.077	0.219	0.238	0.244	0.276	0.263	0.243	0.204	0.158	0.055	-0.008	0.000		
DESIGN LEVEL	21.226	21.284	21.293	21.297	21.309	21.322	21.324	21.347	21.350	21.378	21.373	21.652	21.770	21.884	22.026	22.181	22.154	22.388	22.790	23.361	23.412	23.685	23.809	23.889	24.005	24.142	24.272	24.311	24.354	24.290	24.235	24.129	24.055	23.856	23.523	23.248		
GROUND LEVEL	21.069	21.134	21.152	21.162	21.232	21.241	21.254	21.333	21.360	21.287	21.353	21.578	21.709	21.826	21.957	22.091	22.154	22.360	22.737	23.338	23.396	23.681	23.826	23.892	23.928	24.023	24.033	24.067	24.078	24.026	23.991	23.925	23.897	23.802	23.531	23.248		
HORIZ. GEOMETRY	HORIZONTAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE																																					
VERT. GEOMETRY	VERTICAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE																		VERTICAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE																			
SUPERELEVATION	-																																					

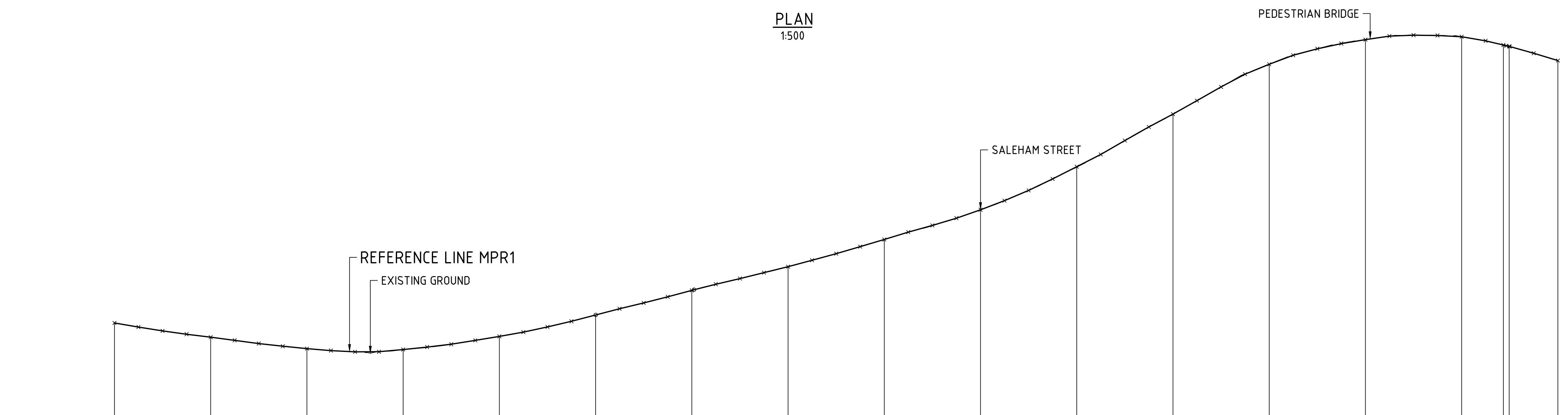


THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

D 10.03.2023 MY ISSUED FOR 100% DESIGN C 25.01.2023 MY ISSUED FOR INFORMATION ONLY B 25.11.2020 CB ISSUED FOR 85% REVIEW A 22.04.2020 CB ISSUED FOR INFORMATION		RE LD RE RE LD LD LD LD		REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES .		A1 ORIGINAL DO NOT SCALE THIS DRAWING		CLIENT: WSP Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 PLAN AND PROFILE CHA 480 TO CHA 780		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION	
REV	DATE	BY	DESCRIPTION	CHK	APPD	SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		APPROVED SIGNED: _____ DATE: _____ RREQ: _____				CHECKED: R. ENGELBRECHT DRAWN: M. YVON DATE: 10.03.2023		APPROVED: L. DAWSON DATE: _____	
© WSP Australia Pty Ltd.										PS119158 - CIV - 102		D			



- ### NOTES
- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - KERB SEPARATOR TO BE INSTALLED WITH 1m BREAK EVERY 9m.
- ### LEGEND
- + 007 REFERENCE LINE
 - CADASTRAL BOUNDARY
 - SURVEY
 - ASPHALT SHARED PATH
 - NEW CONCRETE FOOTPATH
 - CONCRETE SHARED PATH
 - EXISTING BRICK PAVING
 - NEW BRICK PAVING
 - PROPOSED PEDESTRIAN HANDRAIL
 - WOMBAT CROSSING
 - PACKAGE 1 DESIGN
 - W-BEAM BARRIER (TL3)
 - ET-SS TERMINAL (TL2)
 - TRAILING END TERMINAL
 - EXISTING NOISE WALL
 - EXISTING FENCE
 - EXISTING WATER
 - EXISTING SEWER
 - EXISTING GAS
 - EXISTING HV POWER
 - EXISTING LV POWER
 - EXISTING POWER
 - EXISTING TELSTRA
 - EXISTING COMMUNICATION



	780	800	820	840	860	880	900	920	940	960	980	1000	1020	1040	1060	1068.684	1069.894	1080
DESIGN TO GROUND LEVEL DIFFERENCE	0.000	0.000	0.002	0.001	0.001	-0.001	-0.002	0.002	0.000	0.000	0.008	0.004	-0.002	-0.003	-0.001	-0.002	-0.002	-0.002
DESIGN LEVEL	23.248	22.951	22.713	22.656	22.967	23.410	23.923	24.415	24.979	25.597	26.490	27.983	28.618	29.129	29.888	29.017	28.988	28.693
GROUND LEVEL	23.248	22.951	22.711	22.654	22.966	23.411	23.925	24.413	24.978	25.597	26.482	27.579	28.620	29.132	29.889	29.019	28.990	28.695
CHAINAGE ON MPR1	780	800	820	840	860	880	900	920	940	960	980	1000	1020	1040	1060	1068.684	1069.894	1080
HORIZ. GEOMETRY	HORIZONTAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE																	
SUPERELEVATION	VERTICAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE																	

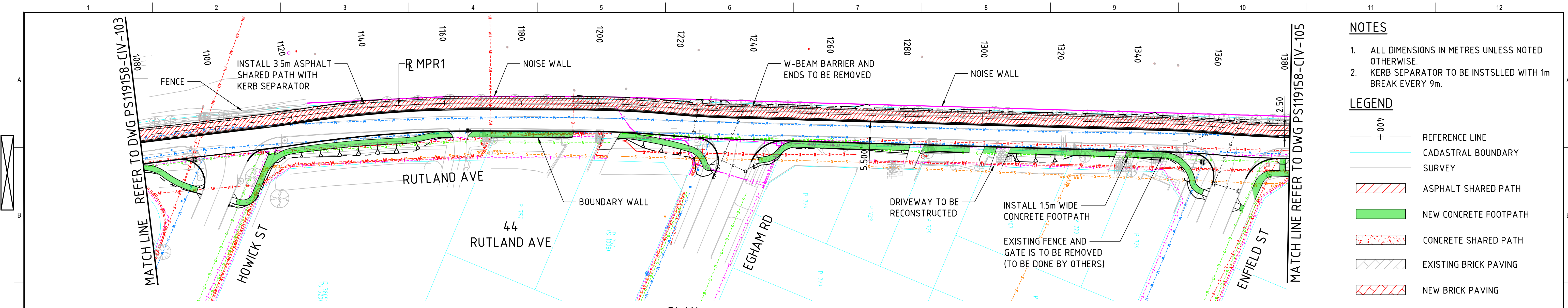
PROFILE
1:500H, 1:20V



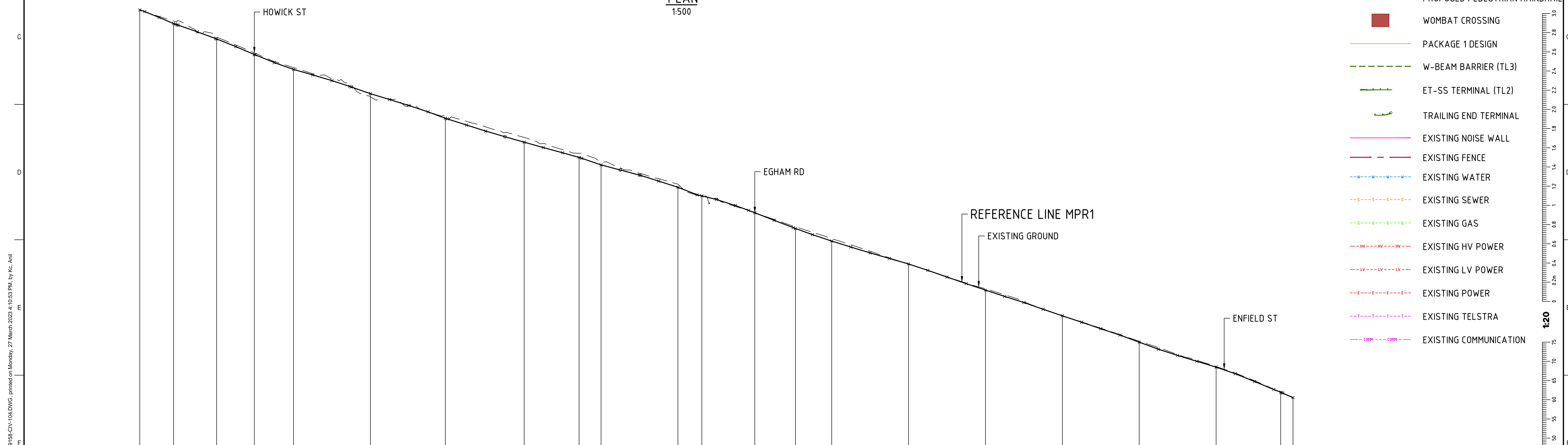
THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158-WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-103.DWG, printed on Monday, 27 March 2023 4:10:27 PM by Kc_Anil

D 10.03.2023 MY ISSUED FOR 100% DESIGN C 25.01.2023 MY ISSUED FOR INFORMATION ONLY B 25.11.2020 CB ISSUED FOR 85% REVIEW A 22.04.2020 CB ISSUED FOR INFORMATION	RE LD RE LD LD LD	REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES .	A1 ORIGINAL DO NOT SCALE THIS DRAWING APPROVED SIGNED: _____ DATE: _____ RREQ: _____	 Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com	 CLIENT:	PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 PLAN AND PROFILE CHA 780 TO CHA 1080	DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON PROJECT NO: PS119158 DRAWN: M. YVON DATE: 10.03.2023 DRAWING NO: PS119158 - CIV - 103 REV: D
		SURVEY DATUM HORIZONTAL DATUM: PCG95 VERTICAL DATUM: AHD							



- NOTES**
- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - KERB SEPARATOR TO BE INSTALLED WITH 1m BREAK EVERY 9m.
- LEGEND**
- + 007 REFERENCE LINE
 - CADASTRAL BOUNDARY SURVEY
 - ASPHALT SHARED PATH
 - NEW CONCRETE FOOTPATH
 - CONCRETE SHARED PATH
 - EXISTING BRICK PAVING
 - NEW BRICK PAVING
 - PROPOSED PEDESTRIAN HANDRAIL
 - WOMBAT CROSSING
 - PACKAGE 1 DESIGN
 - W-BEAM BARRIER (TL3)
 - ET-SS TERMINAL (TL2)
 - TRAILING END TERMINAL
 - EXISTING NOISE WALL
 - EXISTING FENCE
 - EXISTING WATER
 - EXISTING SEWER
 - EXISTING GAS
 - EXISTING HV POWER
 - EXISTING LV POWER
 - EXISTING POWER
 - EXISTING TELSTRA
 - EXISTING COMMUNICATION



CHAINAGE ON MPR1	1080	1088.812	1100	1109.812	1120	1140	1159.508	1180	1194.294	1200	1220	1226.215	1240	1250.571	1260	1280	1300	1320	1340	1360	1376.797	1380
DESIGN TO GROUND LEVEL DIFFERENCE	-0.002	-0.065	-0.048	-0.044	-0.047	0.083	-0.091	-0.121	-0.083	-0.090	-0.280	-0.500	-0.500	-0.470	-0.990	-0.003	-0.503	-0.700	-0.200	-0.510	-0.005	-0.009
DESIGN LEVEL	28.693	28.340	27.939	27.533	27.146	26.515	25.872	25.250	24.853	24.972	24.172	23.852	23.413	23.002	22.674	22.077	21.399	20.730	20.047	19.391	18.738	18.599
GROUND LEVEL	28.695	28.404	27.987	27.577	27.193	26.431	25.964	25.374	24.961	24.726	24.157	23.857	23.418	23.048	22.741	22.081	21.433	20.734	20.067	19.409	18.744	18.607



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

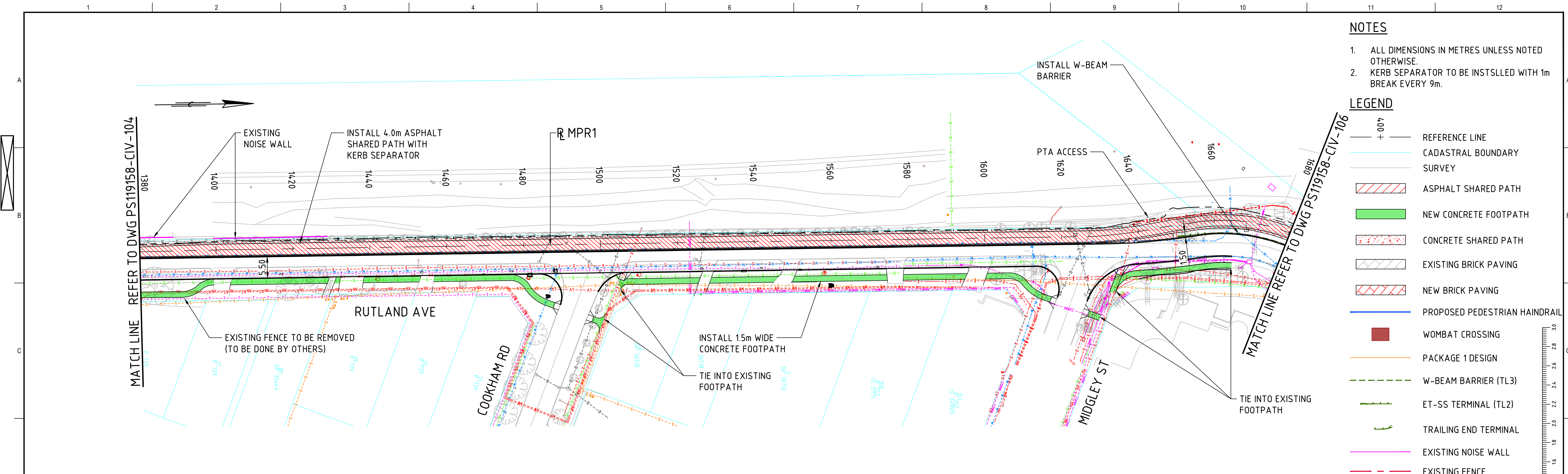
D 10.03.2023 MY ISSUED FOR 100% DESIGN C 25.01.2023 MY ISSUED FOR INFORMATION ONLY B 25.11.2020 CB ISSUED FOR 85% REVIEW A 22.04.2020 CB ISSUED FOR INFORMATION		RE LD RE LD LD LD		REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING		CLIENT: WSP Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 PLAN AND PROFILE CHA 1080 TO CHA 1380		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION	
REV	DATE	BY	DESCRIPTION	CHK	APPD	DATE	REQ			DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON		PROJECT NO: PS119158 DRAWN: M. YVON DATE: 10.03.2023	
HORIZONTAL DATUM: PCG96 VERTICAL DATUM: AHD				© WSP Australia Pty Ltd.		PS119158 - CIV - 104		D					

NOTES

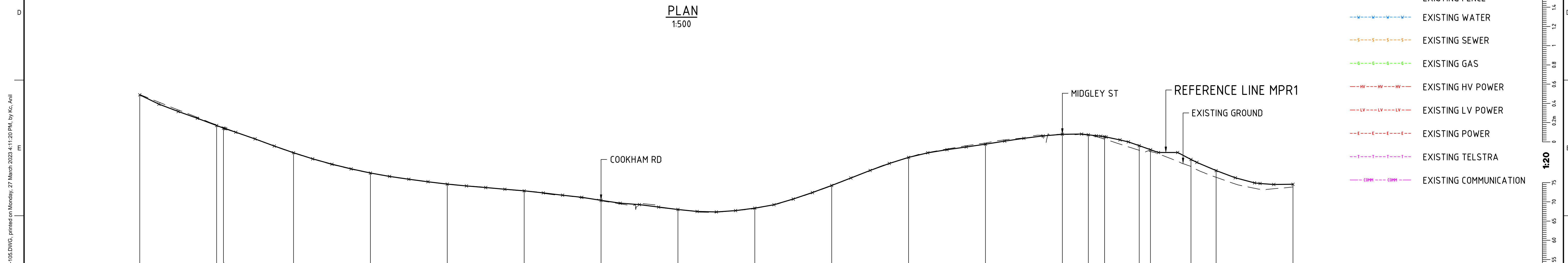
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. KERB SEPARATOR TO BE INSTALLED WITH 1m BREAK EVERY 9m.

LEGEND

- + 007 REFERENCE LINE
- CADASTRAL BOUNDARY
- SURVEY
- ASPHALT SHARED PATH
- NEW CONCRETE FOOTPATH
- CONCRETE SHARED PATH
- EXISTING BRICK PAVING
- NEW BRICK PAVING
- PROPOSED PEDESTRIAN HANDRAIL
- WOMBAT CROSSING
- PACKAGE 1 DESIGN
- W-BEAM BARRIER (TL3)
- ET-SS TERMINAL (TL2)
- TRAILING END TERMINAL
- EXISTING NOISE WALL
- EXISTING FENCE
- EXISTING WATER
- EXISTING SEWER
- EXISTING GAS
- EXISTING HV POWER
- EXISTING LV POWER
- EXISTING POWER
- EXISTING TELSTRA
- EXISTING COMMUNICATION



PLAN
1:500



PROFILE
1:500H, 1:20V

CHAINAGE ON MPR1	1380	1400	1420	1440	1460	1480	1500	1520	1540	1560	1580	1600	1620	1640	1660	1680
DESIGN TO GROUND LEVEL DIFFERENCE	-0.009	-0.015	-0.015	0.005	-0.000	-0.009	0.004	-0.002	0.001	0.007	0.006	-0.001	-0.031	-0.005	0.011	0.062
DESIGN LEVEL	18.539	17.801	17.733	17.092	16.565	16.278	16.103	15.854	15.618	15.652	16.242	16.972	17.315	17.574	17.561	17.509
GROUND LEVEL	18.607	17.816	17.748	17.087	16.565	16.287	16.099	15.855	15.618	15.645	16.237	16.973	17.347	17.579	17.550	17.447
CHAINAGE ON MPR1	1380	1400	1420	1440	1460	1480	1500	1520	1540	1560	1580	1600	1620	1640	1660	1680
HORIZ. GEOMETRY	HORIZONTAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE															
SUPERELEVATION	VERTICAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE															



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

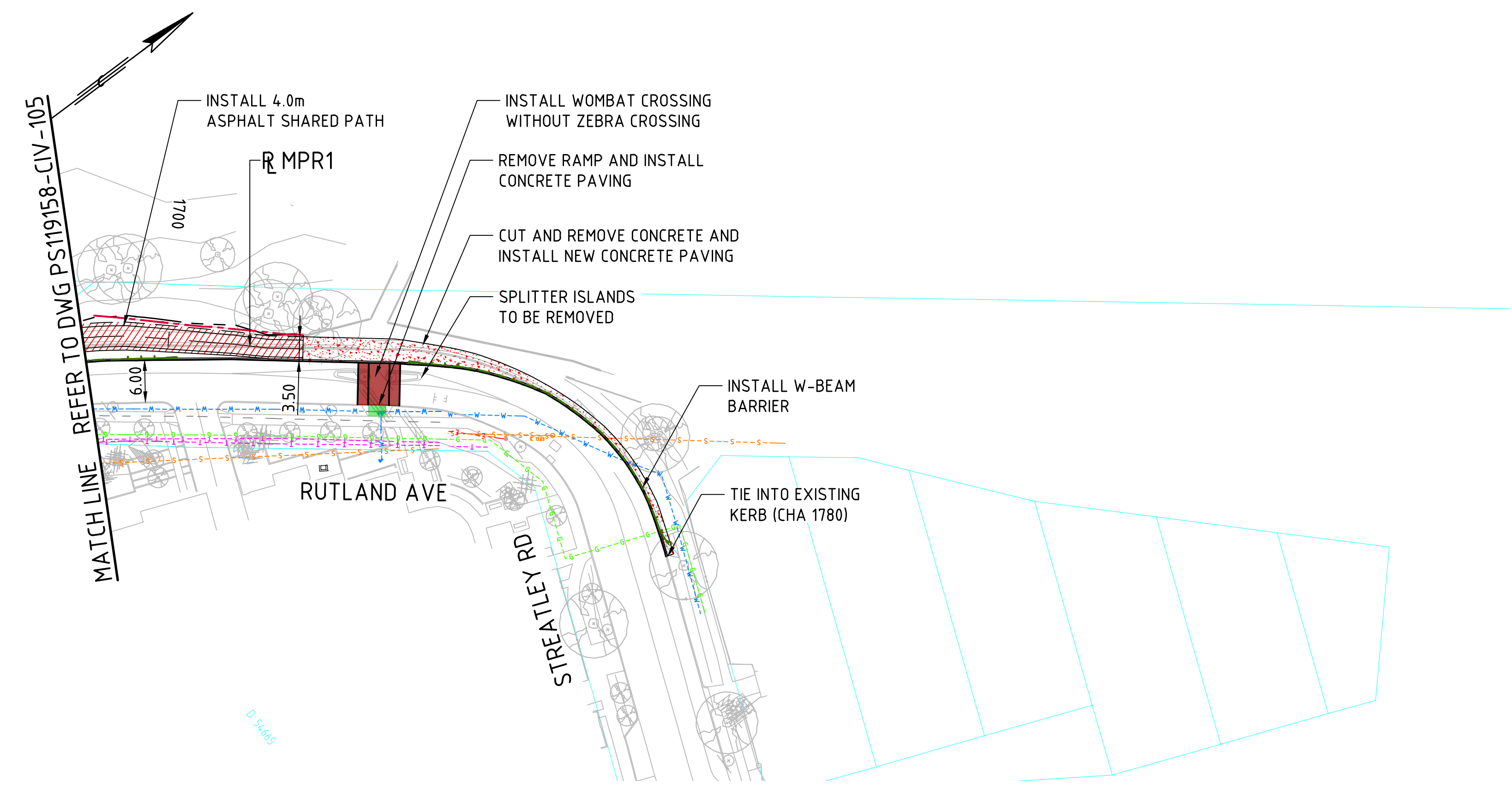
D 10.03.2023 MY ISSUED FOR 100% DESIGN C 25.01.2023 MY ISSUED FOR INFORMATION ONLY B 25.11.2020 CB ISSUED FOR 85% REVIEW A 22.04.2020 CB ISSUED FOR INFORMATION	RE LD RE LD RE LD LD LD	REFERENCE COORDINATION DRAWINGS		SCALES	A1 ORIGINAL DO NOT SCALE THIS DRAWING	Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com	CLIENT: TOWN OF VICTORIA PARK	PROJECT: RUTLAND AVENUE SHARED PATH	DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION
		DESCRIPTION DRAWING NO. REV CHK	SURVEY DATUM HORIZONTAL DATUM: PCG97 VERTICAL DATUM: AHD						
REV DATE BY DESCRIPTION	CHK APPD				DATE: RREQ:	TITLE: RUTLAND AVENUE PACKAGE 2 PLAN AND PROFILE CHA 1380 TO CHA 1680	PROJECT NO: PS119158	DRAWN: M. YVON	DATE: 10.03.2023
								DRAWING NO: PS119158 - CIV - 105	REV: D

NOTES

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. KERB SEPARATOR TO BE INSTALLED WITH 1m BREAK EVERY 9m.

LEGEND

- REFERENCE LINE
- CADASTRAL BOUNDARY SURVEY
- ASPHALT SHARED PATH
- NEW CONCRETE FOOTPATH
- CONCRETE SHARED PATH
- EXISTING BRICK PAVING
- NEW BRICK PAVING
- PROPOSED PEDESTRIAN HANDBRAIL
- WOMBAT CROSSING
- PACKAGE 1 DESIGN
- W-BEAM BARRIER (TL3)
- ET-SS TERMINAL (TL2)
- TRAILING END TERMINAL
- EXISTING NOISE WALL
- EXISTING FENCE
- EXISTING WATER
- EXISTING SEWER
- EXISTING GAS
- EXISTING HV POWER
- EXISTING LV POWER
- EXISTING POWER
- EXISTING TELSTRA
- EXISTING COMMUNICATION



PLAN
1:500

PROFILE
1:500H, 1:20V

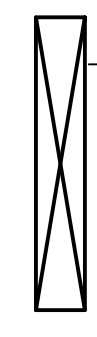
DATUM=15.000	
DESIGN TO GROUND LEVEL DIFFERENCE	0.069 0.054 0.068 0.071 0.047 0.040 0.043
DESIGN LEVEL	16.274 16.363 16.456 16.499 16.510 16.575 16.588 16.623
GROUND LEVEL	16.205 16.309 16.388 16.429 16.439 16.528 16.548 16.580
CHAINAGE ON MPR1	1680 1689.389 1696.196 1700 1701.061 1707.702 1709.31 1718.818
HORIZ. GEOMETRY	HORIZONTAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE
SUPERELEVATION	VERTICAL ALIGNMENT PROJECTED FROM EXISTING RUTLAND AVENUE



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

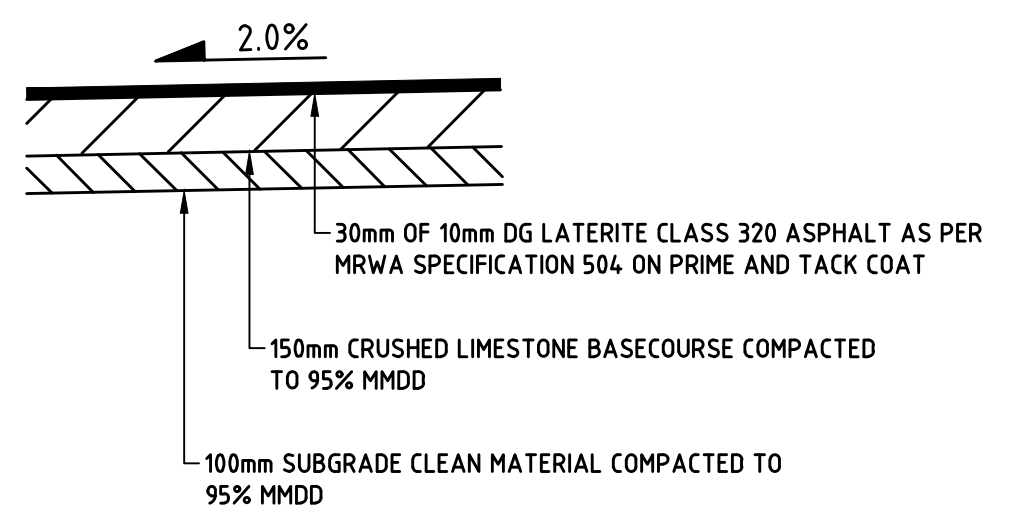
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REV	DATE	BY	DESCRIPTION	CHK	APPD							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4">REFERENCE COORDINATION DRAWINGS</th> </tr> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REFERENCE COORDINATION DRAWINGS				DESCRIPTION	DRAWING NO.	REV	CHK					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">SURVEY DATUM</th> </tr> <tr> <td>HORIZONTAL DATUM: PCG98</td> <td>VERTICAL DATUM: AHD</td> </tr> </table>	SURVEY DATUM		HORIZONTAL DATUM: PCG98	VERTICAL DATUM: AHD	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">A1 ORIGINAL</th> </tr> <tr> <td colspan="2">DO NOT SCALE THIS DRAWING</td> </tr> <tr> <td colspan="2">APPROVED</td> </tr> <tr> <td>SIGNED:</td> <td> </td> </tr> <tr> <td>DATE:</td> <td>RPEQ:</td> </tr> </table>	A1 ORIGINAL		DO NOT SCALE THIS DRAWING		APPROVED		SIGNED:		DATE:	RPEQ:	<p style="text-align: center; font-size: small;">Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CLIENT:</td> <td rowspan="2" style="text-align: center;"> </td> </tr> <tr> <td>PROJECT:</td> </tr> </table>	CLIENT:		PROJECT:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;">RUTLAND AVENUE SHARED PATH</td> </tr> <tr> <td>TITLE:</td> <td colspan="2" style="text-align: center;">RUTLAND AVENUE PACKAGE 2 PLAN AND PROFILE CHA 1680 TO CHA 1718.818</td> </tr> </table>	RUTLAND AVENUE SHARED PATH			TITLE:	RUTLAND AVENUE PACKAGE 2 PLAN AND PROFILE CHA 1680 TO CHA 1718.818		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;">DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION</td> </tr> <tr> <td>DESIGNED:</td> <td>CHECKED:</td> <td>APPROVED:</td> </tr> <tr> <td>C. BAILEY</td> <td>R. ENGELBRECHT</td> <td>L. DAWSON</td> </tr> <tr> <td>PROJECT NO:</td> <td>DRAWN:</td> <td>DATE:</td> </tr> <tr> <td>PS119158</td> <td>M. YVON</td> <td>10.03.2023</td> </tr> <tr> <td colspan="3" style="text-align: center;">DRAWING NO: PS119158 - CIV - 106</td> </tr> </table>	DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION			DESIGNED:	CHECKED:	APPROVED:	C. BAILEY	R. ENGELBRECHT	L. DAWSON	PROJECT NO:	DRAWN:	DATE:	PS119158	M. YVON	10.03.2023	DRAWING NO: PS119158 - CIV - 106		
	REV	DATE	BY	DESCRIPTION	CHK	APPD																																																																		
REFERENCE COORDINATION DRAWINGS																																																																								
DESCRIPTION	DRAWING NO.	REV	CHK																																																																					
SURVEY DATUM																																																																								
HORIZONTAL DATUM: PCG98	VERTICAL DATUM: AHD																																																																							
A1 ORIGINAL																																																																								
DO NOT SCALE THIS DRAWING																																																																								
APPROVED																																																																								
SIGNED:																																																																								
DATE:	RPEQ:																																																																							
CLIENT:																																																																								
PROJECT:																																																																								
RUTLAND AVENUE SHARED PATH																																																																								
TITLE:	RUTLAND AVENUE PACKAGE 2 PLAN AND PROFILE CHA 1680 TO CHA 1718.818																																																																							
DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION																																																																								
DESIGNED:	CHECKED:	APPROVED:																																																																						
C. BAILEY	R. ENGELBRECHT	L. DAWSON																																																																						
PROJECT NO:	DRAWN:	DATE:																																																																						
PS119158	M. YVON	10.03.2023																																																																						
DRAWING NO: PS119158 - CIV - 106																																																																								
© WSP Australia Pty Ltd.		DRAWING NO: PS119158 - CIV - 106		SCALE: B																																																																				

File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-106.DWG, printed on Monday, 27 March 2023 4:11:46 PM by Kc, Anil

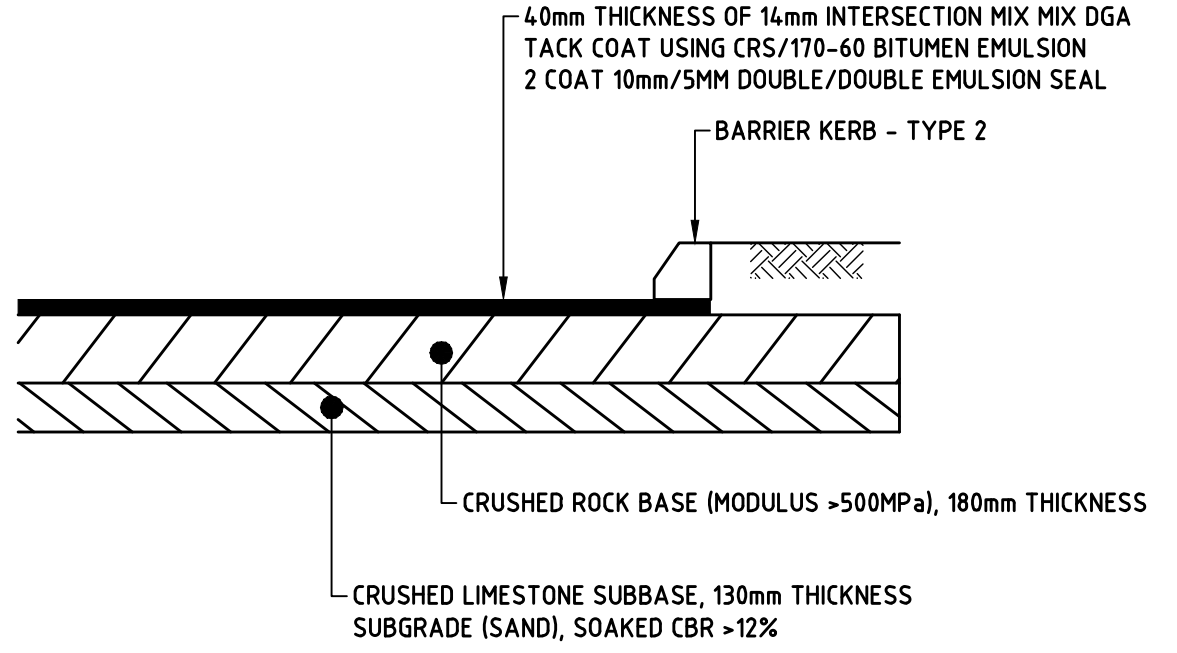


NOTES

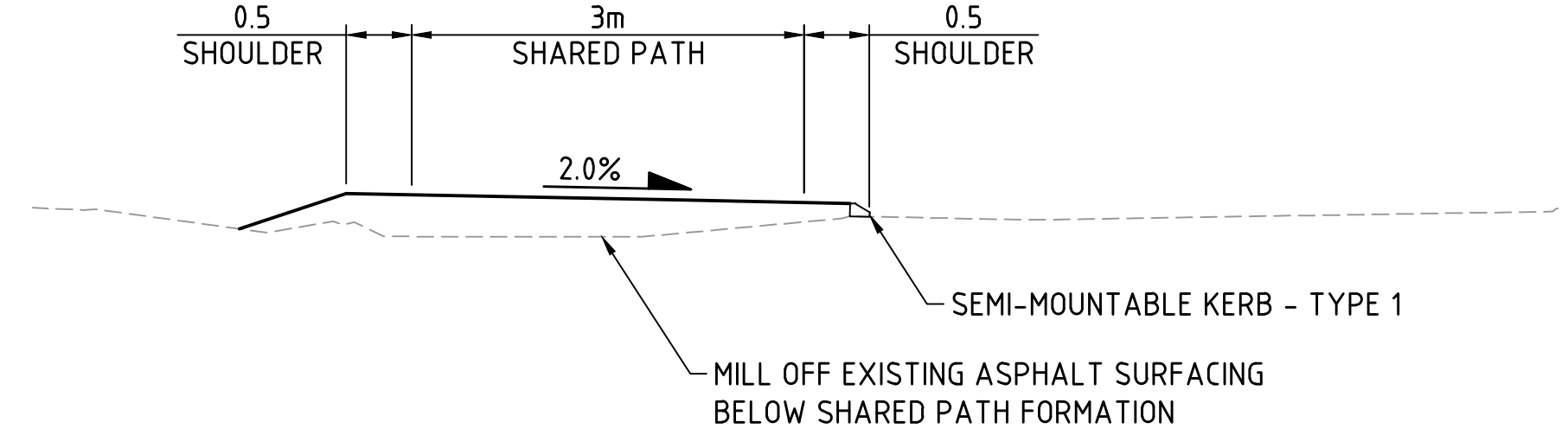
- 1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
- 2. KERBS ARE TO BE IN ACCORDANCE WITH IPWEA LOCAL GOVERNMENT GUIDELINES FOR SUBDIVISIONAL DEVELOPMENT.



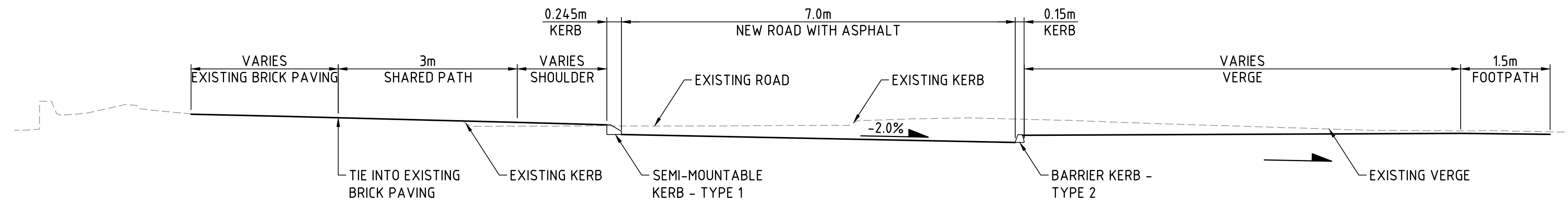
SHARED PATH PAVEMENT DETAIL
1:20



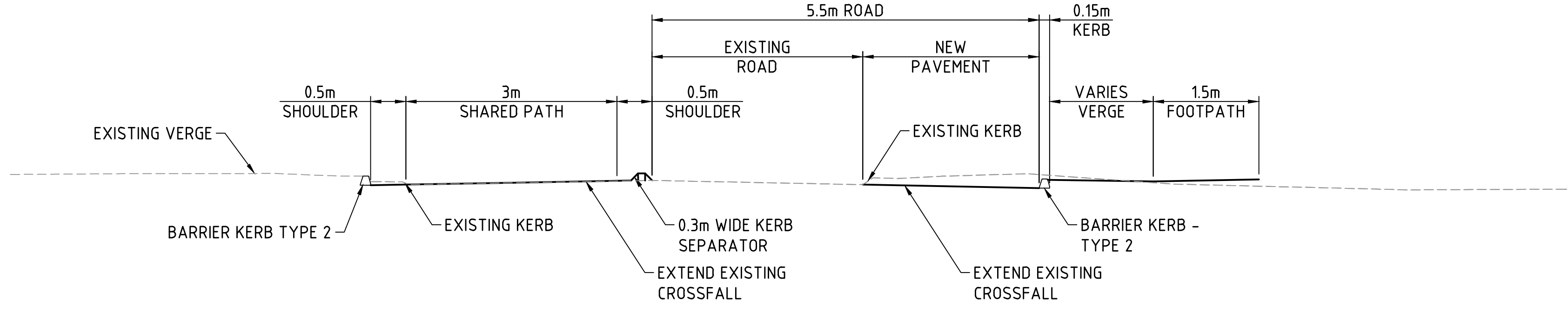
ROAD PAVEMENT DETAIL
1:20



SECTION A - CONCRETE SHARED PATH SOUTH OF BISHOPSGATE STREET
1:50



SECTION B - VICTORIA PARK STATION PRESINCT
1:50



SECTION C - ASPHALT SHARED PATH WITH KERB SEPARATOR NORTH OF THE VP STATION PRESINCT
1:50

File name: I:\CORP PERMANENT\PROJECTS\AUP119158_WAL_140_RUTLAND_SFPL_VIPBIM\DRAWINGS\PS119158-CIV-113.DWG, printed on Wednesday, 22 March 2023 10:19:21 AM, by Casiana, Deirdre Aua



REV	DATE	BY	DESCRIPTION	CHK	APPD
B	10.03.2023	MY	ISSUED FOR 100% DESIGN	RE	LD
A		MY	ISSUED FOR 85% DESIGN REVIEW	RE	LD

REFERENCE COORDINATION DRAWINGS			
DESCRIPTION	DRAWING NO.	REV	CHK
SURVEY DATUM			
HORIZONTAL DATUM:	PCG94		
VERTICAL DATUM:	AHD		

SCALES	

A1 ORIGINAL DO NOT SCALE THIS DRAWING
APPROVED
SIGNED: _____
DATE: _____ RREQ: _____
© WSP Australia Pty Ltd.

Level 5, 503 Murray Street, Perth
PO Box 7181, WA 6850, Australia
Tel: +61 8 9489 9700 Fax: +61 8 9426 4999
wsp.com

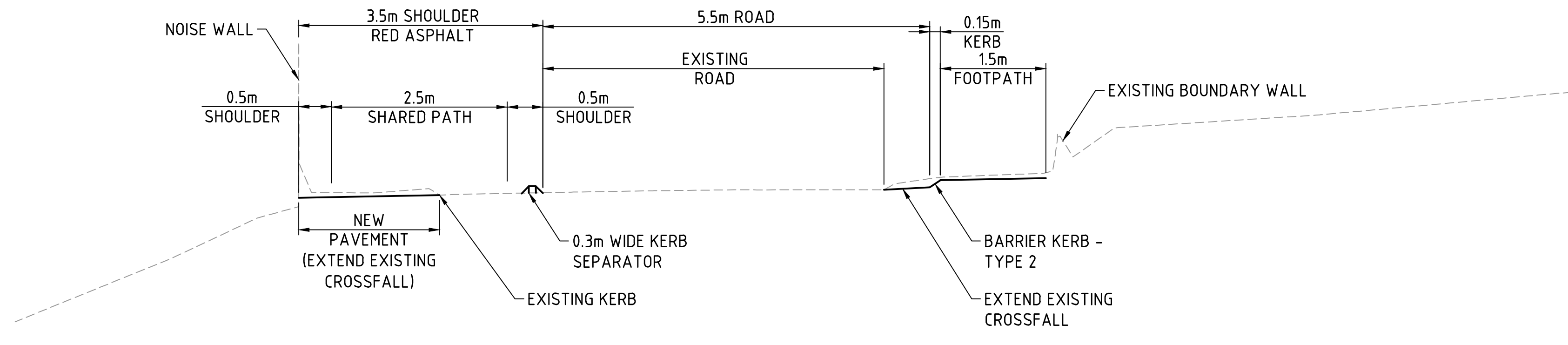
TOWN OF VICTORIA PARK

PROJECT:	RUTLAND AVENUE SHARED PATH
TITLE:	RUTLAND AVENUE PACKAGE 2 TYPICAL CROSS SECTIONS SHEET 1 OF 2

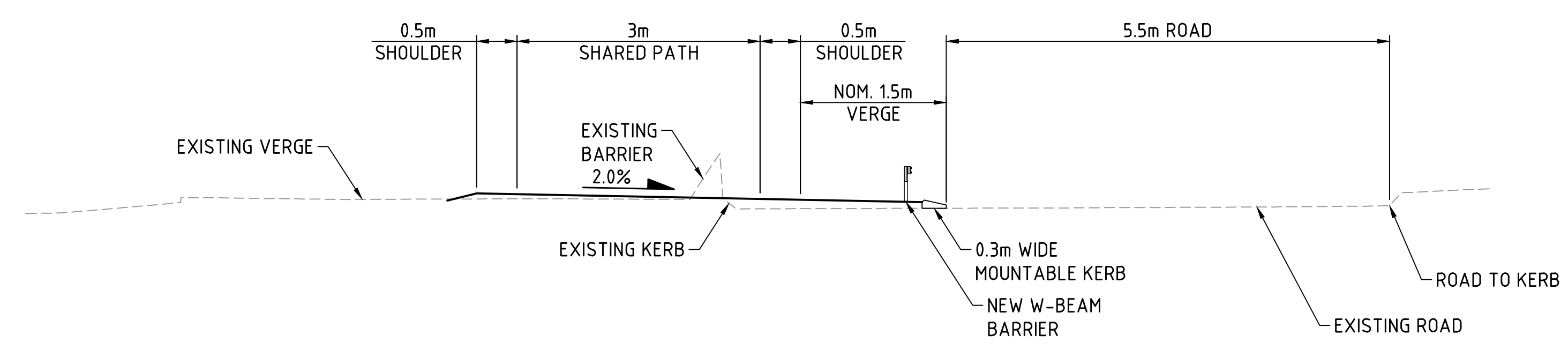
DRAWING STATUS:	100% DESIGN NOT FOR CONSTRUCTION		
DESIGNED:	C. BAILEY	CHECKED:	R. ENGELBRECHT
APPROVED:	L. DAWSON	DATE:	10.03.2023
PROJECT NO:	PS119158	DRAWN:	M. YVON
DRAWING NO:	PS119158 - CIV - 113		REV: B

NOTES

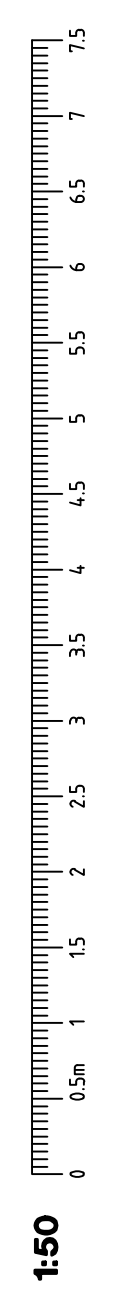
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. KERBS ARE TO BE IN ACCORDANCE WITH IPWEA LOCAL GOVERNMENT GUIDELINES FOR SUBDIVISIONAL DEVELOPMENT.



SECTION D - ASPHALT SHARED PATH WITH KERB SEPARATOR 44 RUTLAND AVENUE
1:50

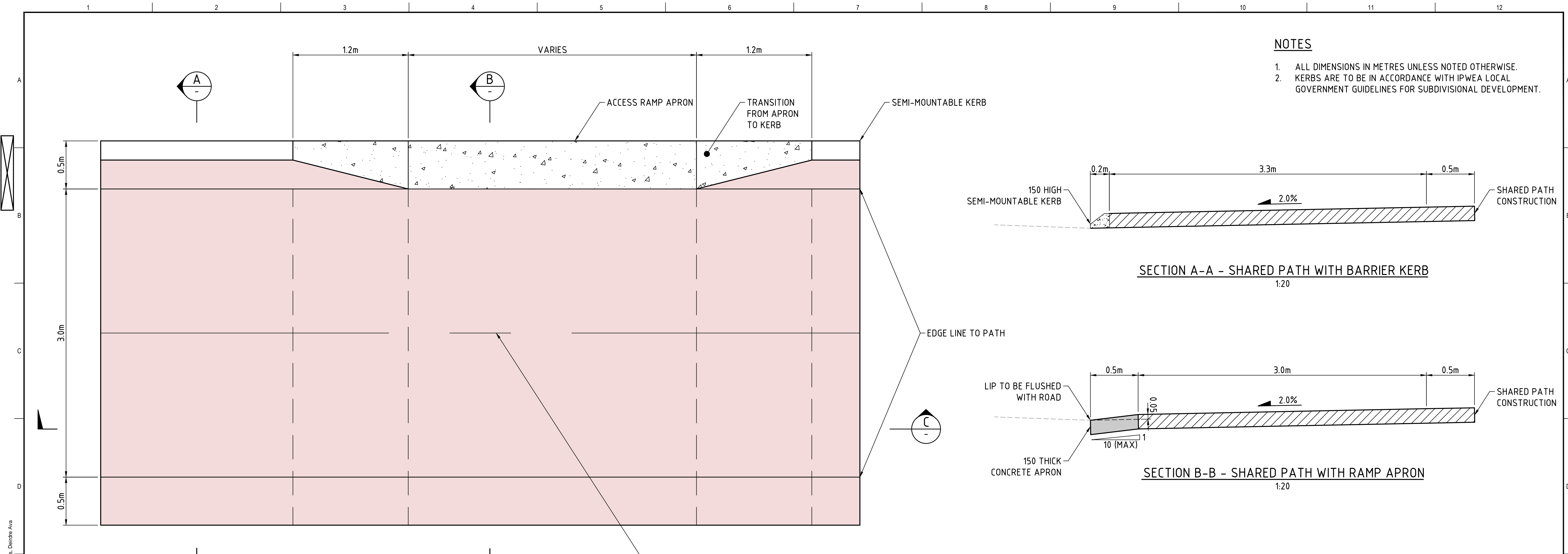


SECTION E - CONCRETE SHARED PATH WITH W-BEAM BARRIER NORTH END
1:50



File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-114.dwg, printed on Wednesday, 29 March 2023 11:48:12 AM, by Kc. Anil

<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td>B</td> <td>10.03.2023</td> <td>MY</td> <td>ISSUED FOR 100% DESIGN</td> <td>RE</td> <td>LD</td> </tr> <tr> <td>A</td> <td></td> <td>MY</td> <td>ISSUED FOR 85% DESIGN REVIEW</td> <td></td> <td></td> </tr> </table>		REV	DATE	BY	DESCRIPTION	CHK	APPD	B	10.03.2023	MY	ISSUED FOR 100% DESIGN	RE	LD	A		MY	ISSUED FOR 85% DESIGN REVIEW			<table border="1"> <tr> <th colspan="4">REFERENCE COORDINATION DRAWINGS</th> </tr> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REFERENCE COORDINATION DRAWINGS				DESCRIPTION	DRAWING NO.	REV	CHK					<table border="1"> <tr> <th colspan="2">SCALES</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>		SCALES				<table border="1"> <tr> <th colspan="2">A1 ORIGINAL</th> </tr> <tr> <td colspan="2">DO NOT SCALE THIS DRAWING</td> </tr> <tr> <td colspan="2">APPROVED</td> </tr> <tr> <td>SIGNED:</td> <td> </td> </tr> <tr> <td>DATE:</td> <td>RREQ:</td> </tr> <tr> <td colspan="2">© WSP Australia Pty Ltd.</td> </tr> </table>		A1 ORIGINAL		DO NOT SCALE THIS DRAWING		APPROVED		SIGNED:		DATE:	RREQ:	© WSP Australia Pty Ltd.		 <p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<table border="1"> <tr> <td>CLIENT:</td> <td colspan="2">  </td> </tr> <tr> <td>PROJECT:</td> <td colspan="2">RUTLAND AVENUE SHARED PATH</td> </tr> <tr> <td>TITLE:</td> <td colspan="2">RUTLAND AVENUE PACKAGE 2 TYPICAL CROSS SECTIONS SHEET 2 OF 2</td> </tr> </table>		CLIENT:			PROJECT:	RUTLAND AVENUE SHARED PATH		TITLE:	RUTLAND AVENUE PACKAGE 2 TYPICAL CROSS SECTIONS SHEET 2 OF 2		<table border="1"> <tr> <td colspan="3">DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION</td> </tr> <tr> <td>DESIGNED:</td> <td>CHECKED:</td> <td>APPROVED:</td> </tr> <tr> <td>C. BAILEY</td> <td>R. ENGELBRECHT</td> <td>L. DAWSON</td> </tr> <tr> <td>PROJECT NO:</td> <td>DRAWN:</td> <td>DATE:</td> </tr> <tr> <td>PS119158</td> <td>M. YVON</td> <td>10.03.2023</td> </tr> <tr> <td colspan="2">DRAWING NO:</td> <td>REV:</td> </tr> <tr> <td colspan="2">PS119158 - CIV - 114</td> <td>B</td> </tr> </table>		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION			DESIGNED:	CHECKED:	APPROVED:	C. BAILEY	R. ENGELBRECHT	L. DAWSON	PROJECT NO:	DRAWN:	DATE:	PS119158	M. YVON	10.03.2023	DRAWING NO:		REV:	PS119158 - CIV - 114		B
REV	DATE	BY	DESCRIPTION	CHK	APPD																																																																																				
B	10.03.2023	MY	ISSUED FOR 100% DESIGN	RE	LD																																																																																				
A		MY	ISSUED FOR 85% DESIGN REVIEW																																																																																						
REFERENCE COORDINATION DRAWINGS																																																																																									
DESCRIPTION	DRAWING NO.	REV	CHK																																																																																						
SCALES																																																																																									
A1 ORIGINAL																																																																																									
DO NOT SCALE THIS DRAWING																																																																																									
APPROVED																																																																																									
SIGNED:																																																																																									
DATE:	RREQ:																																																																																								
© WSP Australia Pty Ltd.																																																																																									
CLIENT:																																																																																									
PROJECT:	RUTLAND AVENUE SHARED PATH																																																																																								
TITLE:	RUTLAND AVENUE PACKAGE 2 TYPICAL CROSS SECTIONS SHEET 2 OF 2																																																																																								
DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION																																																																																									
DESIGNED:	CHECKED:	APPROVED:																																																																																							
C. BAILEY	R. ENGELBRECHT	L. DAWSON																																																																																							
PROJECT NO:	DRAWN:	DATE:																																																																																							
PS119158	M. YVON	10.03.2023																																																																																							
DRAWING NO:		REV:																																																																																							
PS119158 - CIV - 114		B																																																																																							



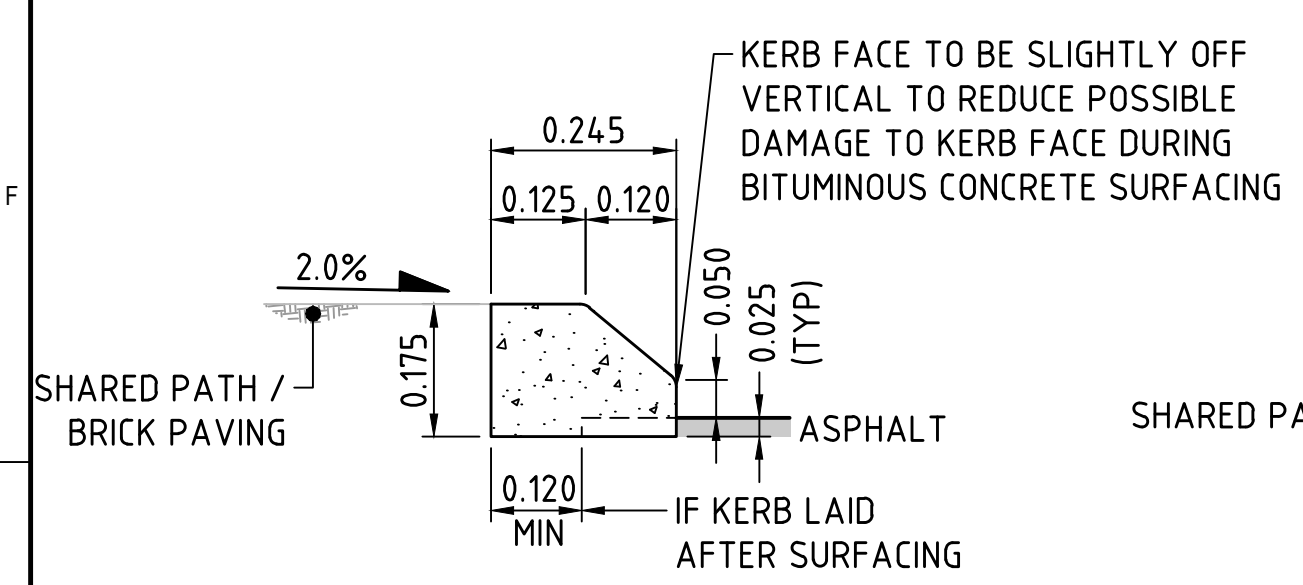
- NOTES**
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. KERBS ARE TO BE IN ACCORDANCE WITH IPWEA LOCAL GOVERNMENT GUIDELINES FOR SUBDIVISIONAL DEVELOPMENT.

SHARED PATH RAMP APRON
1:20

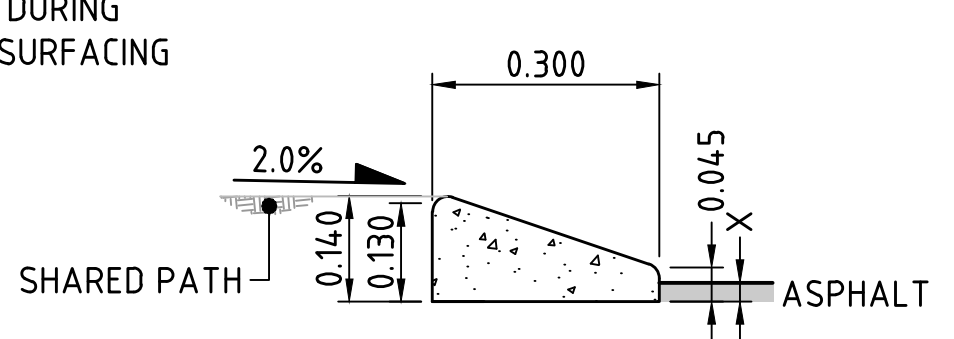
SECTION A-A - SHARED PATH WITH BARRIER KERB
1:20

SECTION B-B - SHARED PATH WITH RAMP APRON
1:20

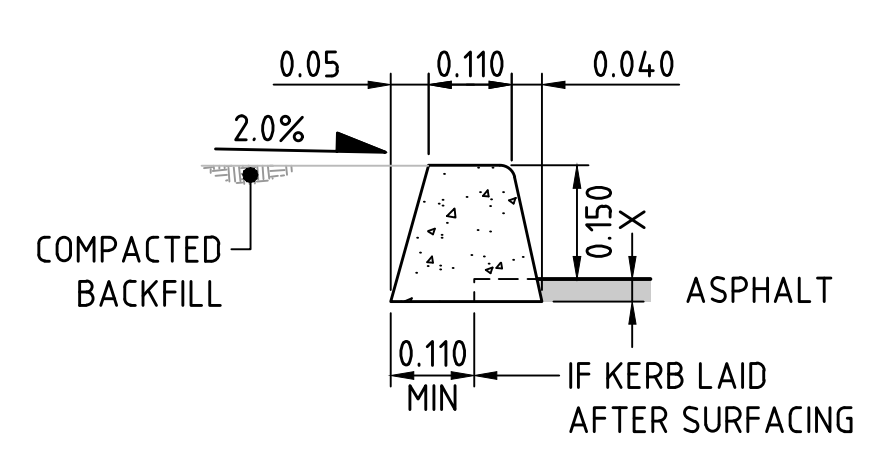
SECTION C-C - SHARED PATH SECTION ALONG RAMP
1:20



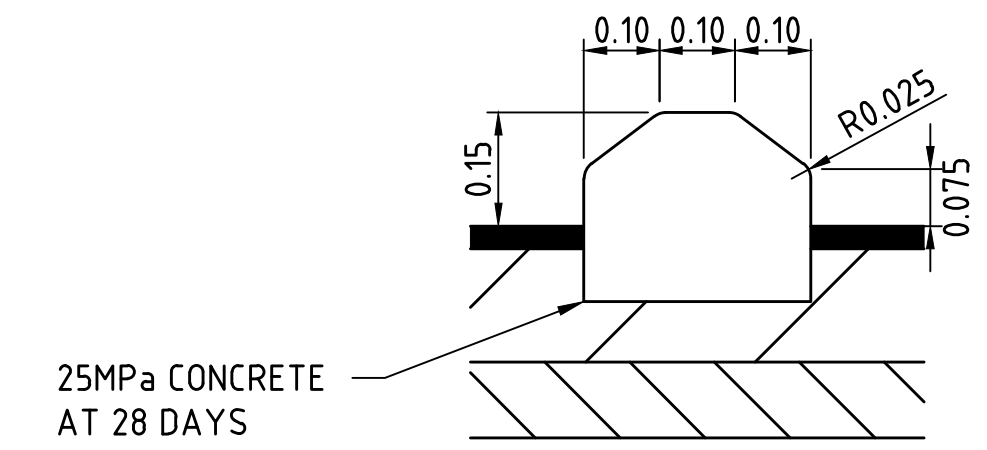
SEMI-MOUNTABLE KERB - TYPE 1
SCALE 1:10



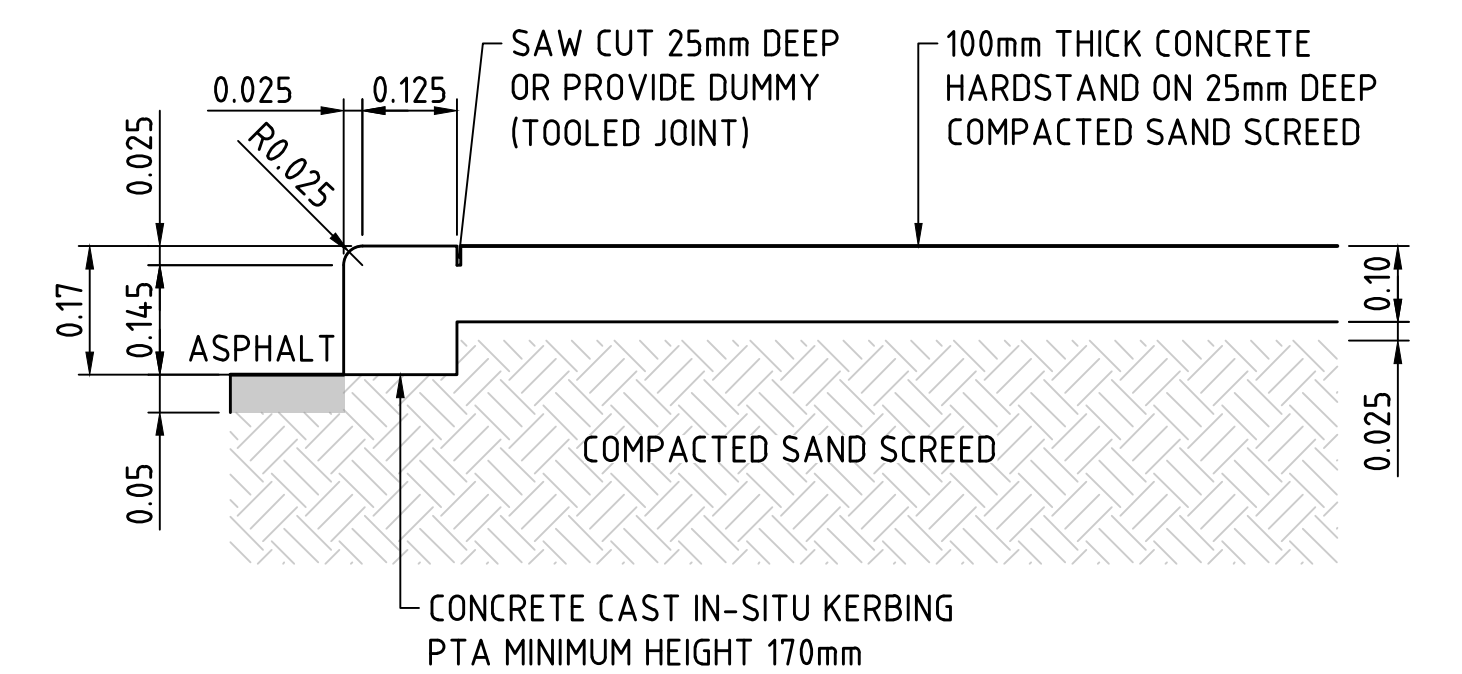
MOUNTABLE KERB DETAIL
SCALE 1:10



BARRIER KERB DETAIL - TYPE 2
SCALE 1:10

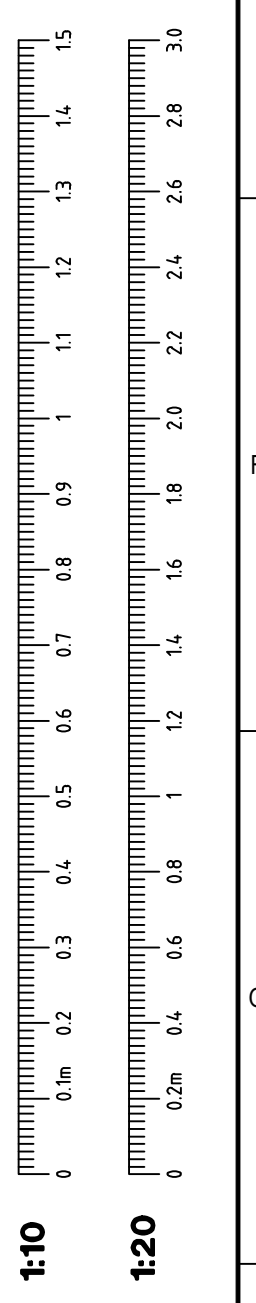


KERB SEPARATOR DETAIL
SCALE 1:10



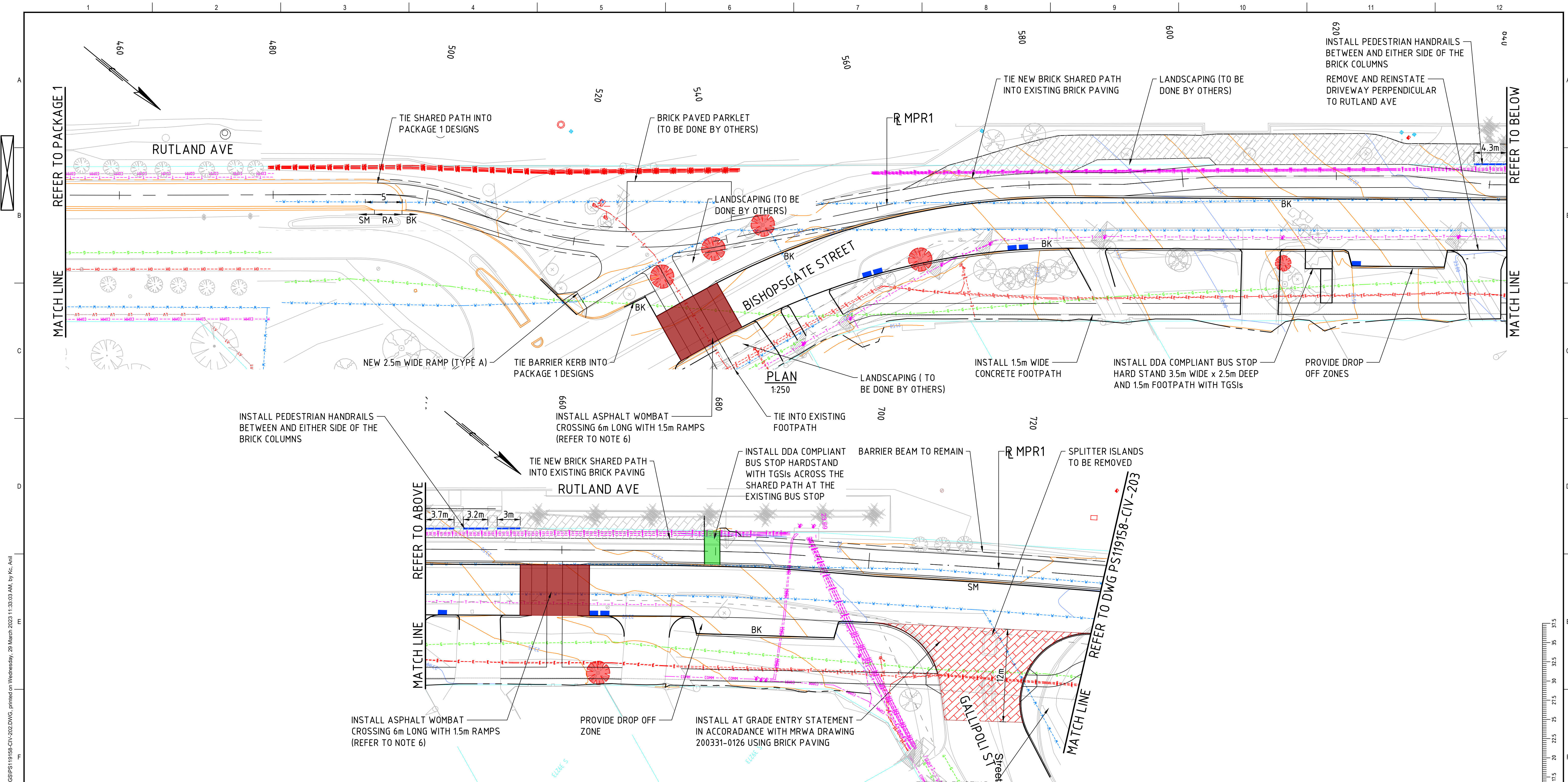
BARRIER KERB DETAIL - BUS KERB
SCALE 1:10

- KERB NOTE:**
1. CONCRETE STRENGTH TO BE IN ACCORDANCE WITH STANDARD SPECIFICATION.
 2. EXPANSION JOINTS TO BE PLACED AT 5m INTERVALS.
 3. NEW KERBING TO BE PROTECTED FROM TRAFFIC FOR A MINIMUM OF 7 DAYS AFTER INSTALLATION.
 4. PROVIDE 1.0m WIDE BREAKS IN KERB EVERY 9m TO ALLOW DRAINAGE TO EXIT ROAD NETWORK.



File name: I:\CORP\PB\ANZ\PROJECTS\PS119158_WAL_140_RUTLAND_SPA_VIP\BIM\DRAWINGS\PS119158-CIV-115.DWG, printed on Wednesday, 22 March 2023 10:20:07 AM, by Casiana, Deirdre Ava

REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES . . .		A1 ORIGINAL DO NOT SCALE THIS DRAWING APPROVED SIGNED: _____ DATE: _____ RREQ: _____		 Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		CLIENT:		PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 SECTIONS DETAILS SHEET 1 OF 1		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON PROJECT NO: PS119158 DRAWN: M. YVON DATE: 10.03.2023 DRAWING NO: PS119158 - CIV - 115 REV: A	
SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		. . .		© WSP Australia Pty Ltd.				PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 SECTIONS DETAILS SHEET 1 OF 1		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON PROJECT NO: PS119158 DRAWN: M. YVON DATE: 10.03.2023 DRAWING NO: PS119158 - CIV - 115 REV: A			



NOTES

- ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- WOMBAT CROSSINGS ARE TO BE TO FULL ROAD WIDTH IN ACCORDANCE WITH MRWA DRG 202231-3010 WITHOUT ZEBRA MARKINGS, AND WITH SHARK TEETH MARKINGS (REFER TO MRWA DRG 202131-0030).
- BUS STOPS INCLUDING TGSIs ARE TO BE DDA COMPLIANT CONSTRUCTED IN ACCORDANCE WITH PTA BUS STOP GUIDELINES.
- BRICK PAVING IS TO BE HERRING BONE PATTERN IN ACCORDANCE WITH MRWA DRG 200331-0154, 200331-0156.
- AT GRADE ENTRY STATEMENT IS TO BE IN ACCORDANCE WITH MRWA DRG 200331-0126 USING HERRING BONE PATTERN BRICK PAVING. KERB RAMPS ARE TO BE TYPE A WITH TGSIs IN ACCORDANCE WITH MRWA DRG 9831-5649.

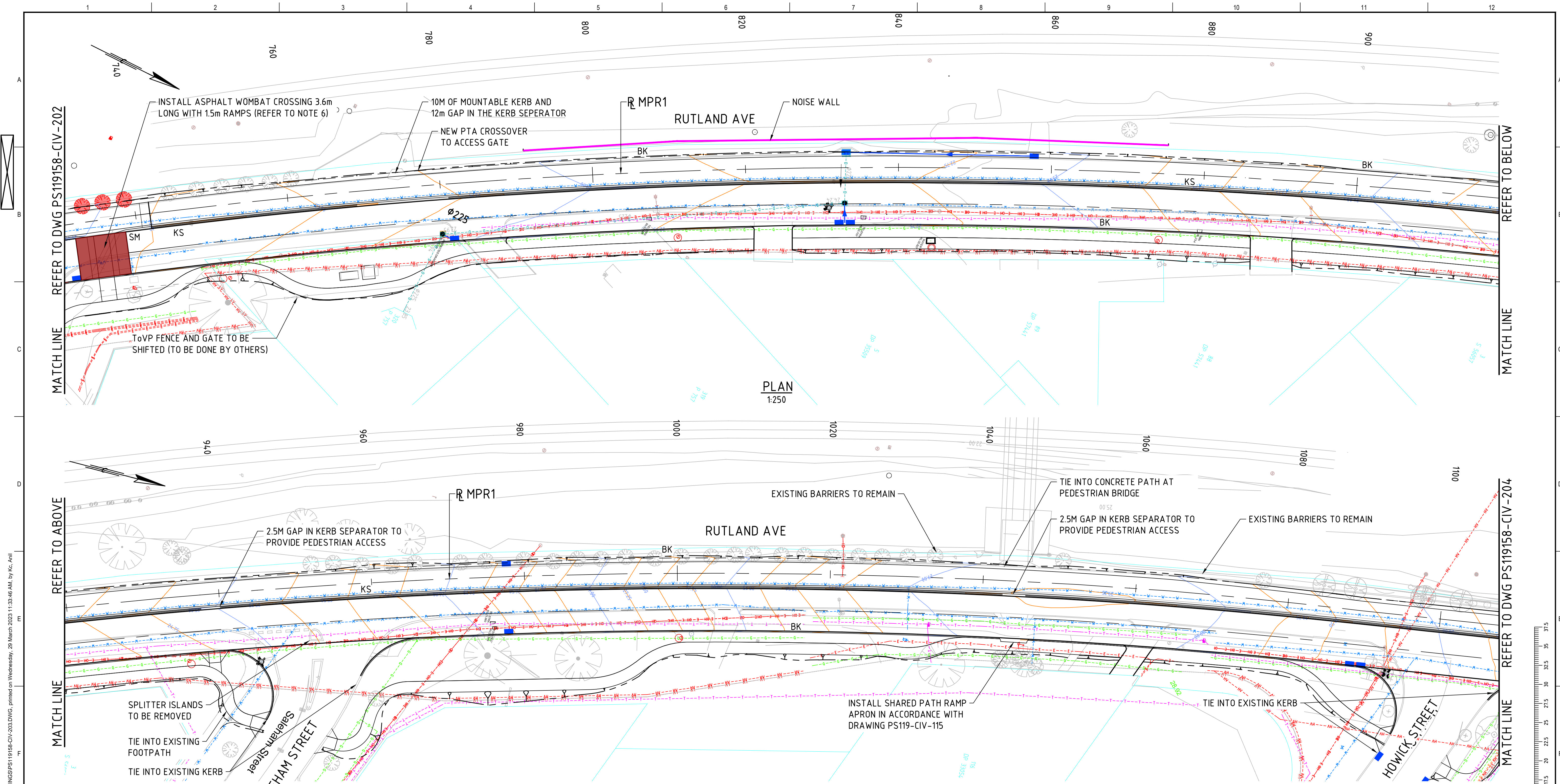
LEGEND

—+—	REFERENCE LINE	—●—	EXISTING TREE TO BE REMOVED	—	KERBING
—	CADASTRAL BOUNDARY	—●—	DRAINAGE PIPE AND FLOW DIRECTION	— BK —	BARRIER KERB
—	SURVEY	—●—	MANHOLE	— RA —	SHARED PATH RAMP APRON
—	PROPOSED PEDESTRIAN HAINDRAIL	—●—	SIDE ENTRY PIT OR GRATED GULLY	— MK —	MOUNTABLE KERB
—	PACKAGE 1 DESIGN	—●—	EXISTING DRAINAGE PIPE	— KS —	KERB SEPARATOR
—	W-BEAM BARRIER (TL3)	—●—	EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED	— SM —	SEMI-MOUNTABLE KERB
—	ET-SS TERMINAL (TL2)	—●—	EXISTING FENCE	—	EXISTING PIT / MANHOLE
—	TRAILING END TERMINAL	—●—	EXISTING NOISE WALL		
—	WOMBAT CROSSING				



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td>C</td> <td>10.03.2023</td> <td>AKC</td> <td>ISSUED FOR 100% DESIGN</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>20.10.2020</td> <td>MY</td> <td>ISSUED FOR 85% DESIGN REVIEW</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td></td> <td>CB</td> <td>ISSUED FOR 85% REVIEW</td> <td></td> <td></td> </tr> </table>		REV	DATE	BY	DESCRIPTION	CHK	APPD	C	10.03.2023	AKC	ISSUED FOR 100% DESIGN			B	20.10.2020	MY	ISSUED FOR 85% DESIGN REVIEW			A		CB	ISSUED FOR 85% REVIEW			<table border="1"> <tr> <th colspan="2">REFERENCE COORDINATION DRAWINGS</th> </tr> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> </tr> <tr> <td></td> <td></td> </tr> <tr> <th colspan="2">SURVEY DATUM</th> </tr> <tr> <td>HORIZONTAL DATUM:</td> <td>PCG94</td> </tr> <tr> <td>VERTICAL DATUM:</td> <td>AHD</td> </tr> </table>		REFERENCE COORDINATION DRAWINGS		DESCRIPTION	DRAWING NO.			SURVEY DATUM		HORIZONTAL DATUM:	PCG94	VERTICAL DATUM:	AHD	<table border="1"> <tr> <th colspan="2">A1 ORIGINAL</th> </tr> <tr> <td colspan="2">DO NOT SCALE THIS DRAWING</td> </tr> <tr> <td>SIGNED:</td> <td>APPROVED:</td> </tr> <tr> <td>DATE:</td> <td>RREQ:</td> </tr> <tr> <td colspan="2">© WSP Australia Pty Ltd.</td> </tr> </table>		A1 ORIGINAL		DO NOT SCALE THIS DRAWING		SIGNED:	APPROVED:	DATE:	RREQ:	© WSP Australia Pty Ltd.		<p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<table border="1"> <tr> <td>CLIENT:</td> <td>TOWN OF VICTORIA PARK</td> </tr> <tr> <td>PROJECT:</td> <td>RUTLAND AVENUE SHARED PATH</td> </tr> <tr> <td>TITLE:</td> <td>RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 1 OF 4</td> </tr> </table>		CLIENT:	TOWN OF VICTORIA PARK	PROJECT:	RUTLAND AVENUE SHARED PATH	TITLE:	RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 1 OF 4	<table border="1"> <tr> <td colspan="3">DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION</td> </tr> <tr> <td>DESIGNED:</td> <td>CHECKED:</td> <td>APPROVED:</td> </tr> <tr> <td>C. BAILEY</td> <td>R. ENGELBRECHT</td> <td>L. DAWSON</td> </tr> <tr> <td>PROJECT NO:</td> <td>DRAWN:</td> <td>DATE:</td> </tr> <tr> <td>PS119158</td> <td>A.KC</td> <td>10.03.2023</td> </tr> <tr> <td>DRAWING NO:</td> <td colspan="2">REV:</td> </tr> <tr> <td>PS119158 - CIV - 202</td> <td colspan="2">C</td> </tr> </table>		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION			DESIGNED:	CHECKED:	APPROVED:	C. BAILEY	R. ENGELBRECHT	L. DAWSON	PROJECT NO:	DRAWN:	DATE:	PS119158	A.KC	10.03.2023	DRAWING NO:	REV:		PS119158 - CIV - 202	C	
REV	DATE	BY	DESCRIPTION	CHK	APPD																																																																															
C	10.03.2023	AKC	ISSUED FOR 100% DESIGN																																																																																	
B	20.10.2020	MY	ISSUED FOR 85% DESIGN REVIEW																																																																																	
A		CB	ISSUED FOR 85% REVIEW																																																																																	
REFERENCE COORDINATION DRAWINGS																																																																																				
DESCRIPTION	DRAWING NO.																																																																																			
SURVEY DATUM																																																																																				
HORIZONTAL DATUM:	PCG94																																																																																			
VERTICAL DATUM:	AHD																																																																																			
A1 ORIGINAL																																																																																				
DO NOT SCALE THIS DRAWING																																																																																				
SIGNED:	APPROVED:																																																																																			
DATE:	RREQ:																																																																																			
© WSP Australia Pty Ltd.																																																																																				
CLIENT:	TOWN OF VICTORIA PARK																																																																																			
PROJECT:	RUTLAND AVENUE SHARED PATH																																																																																			
TITLE:	RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 1 OF 4																																																																																			
DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION																																																																																				
DESIGNED:	CHECKED:	APPROVED:																																																																																		
C. BAILEY	R. ENGELBRECHT	L. DAWSON																																																																																		
PROJECT NO:	DRAWN:	DATE:																																																																																		
PS119158	A.KC	10.03.2023																																																																																		
DRAWING NO:	REV:																																																																																			
PS119158 - CIV - 202	C																																																																																			



NOTES

1. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
2. WOMBAT CROSSINGS ARE TO BE TO FULL ROAD WIDTH IN ACCORDANCE WITH MRWA DRG 202231-3010 WITHOUT ZEBRA MARKINGS, AND WITH SHARK TEETH MARKINGS (REFER TO MRWA DRG 202131-0030).
3. BUS STOPS INCLUDING TGSIs ARE TO BE DDA COMPLIANT CONSTRUCTED IN ACCORDANCE WITH PTA BUS STOP GUIDELINES.
4. BRICK PAVING IS TO BE HERRING BONE PATTERN IN ACCORDANCE WITH MRWA DRG 200331-0154, 200331-0156.
5. AT GRADE ENTRY STATEMENT IS TO BE IN ACCORDANCE WITH MRWA DRG 200331-0126 USING HERRING BONE PATTERN BRICK PAVING. KERB RAMPS ARE TO BE TYPE A WITH TGSIs IN ACCORDANCE WITH MRWA DRG 9831-5649.

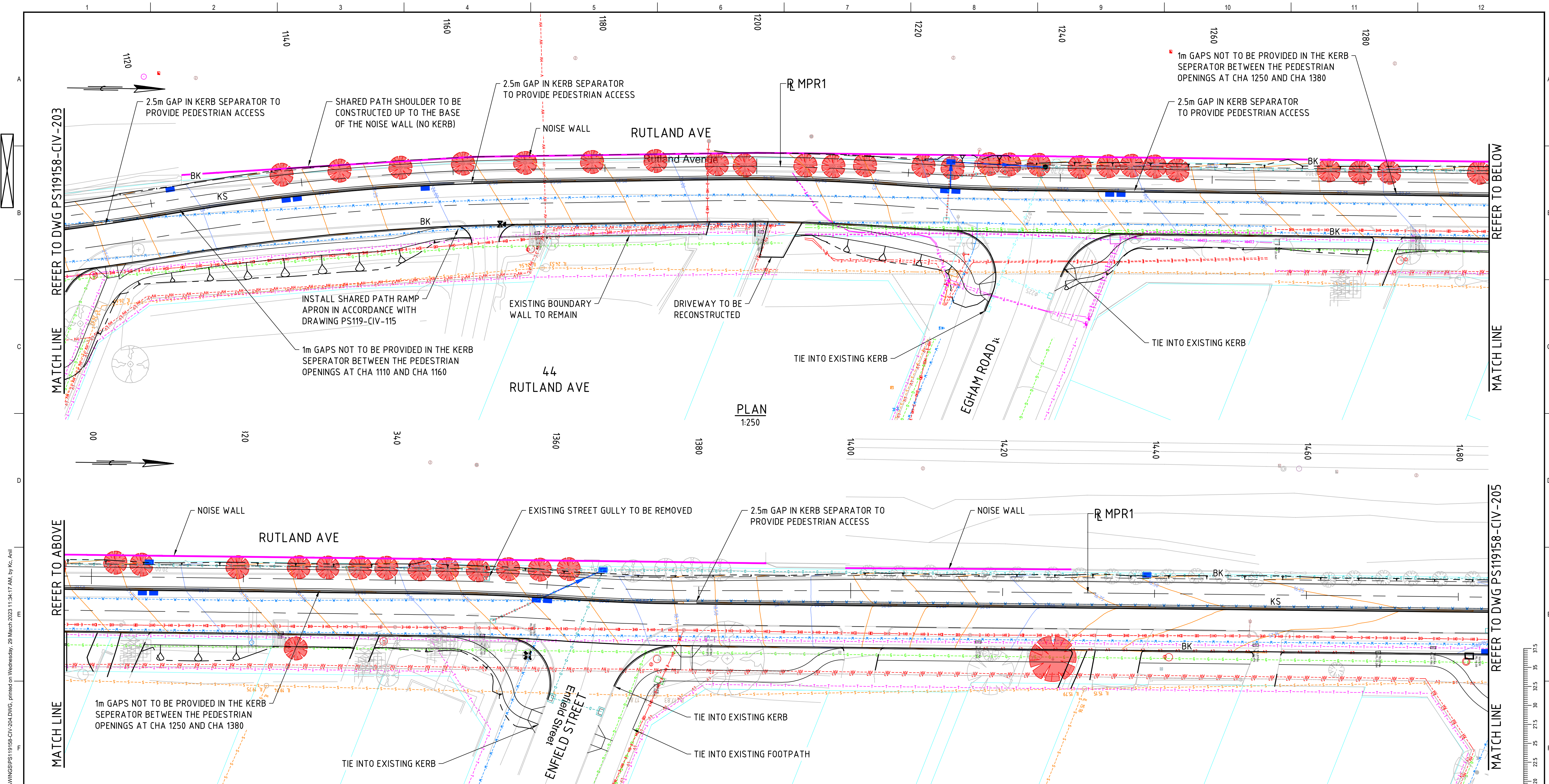
LEGEND

—+—	REFERENCE LINE	—●—	EXISTING TREE TO BE REMOVED	—	KERBING
—	CADASTRAL BOUNDARY	—●—	DRAINAGE PIPE AND FLOW DIRECTION	—	BARRIER KERB
—	SURVEY	—●—	MANHOLE	—	SHARED PATH RAMP APRON
—	PROPOSED PEDESTRIAN HAINDRAIL	—●—	SIDE ENTRY PIT OR GRATED GULLY	—	MOUNTABLE KERB
—	PACKAGE 1 DESIGN	—●—	EXISTING DRAINAGE PIPE	—	KERB SEPARATOR
—	EXISTING COMMUNICATION	—●—	EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED	—	SEMI-MOUNTABLE KERB
—	EXISTING SEWER	—●—	EXISTING FENCE	—	EXISTING PIT / MANHOLE
—	EXISTING HV POWER	—●—	EXISTING NOISE WALL		
—	EXISTING LV POWER				
—	EXISTING POWER				
—	EXISTING TELSTRA				
—	EXISTING WATER				
—	EXISTING GAS				
—	PROPOSED MAJOR CONTOURS				
—	PROPOSED MINOR CONTOURS				
—	W-BEAM BARRIER (TL3)				
—	ET-SS TERMINAL (TL2)				
—	TRAILING END TERMINAL				
—	WOMBAT CROSSING				



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td>C</td> <td>10.03.2023</td> <td>AKC</td> <td>ISSUED FOR 100% DESIGN</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>20.10.2020</td> <td>MY</td> <td>ISSUED FOR 85% DESIGN REVIEW</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>20.10.2020</td> <td>CB</td> <td>ISSUED FOR 85% REVIEW</td> <td></td> <td></td> </tr> </table>		REV	DATE	BY	DESCRIPTION	CHK	APPD	C	10.03.2023	AKC	ISSUED FOR 100% DESIGN			B	20.10.2020	MY	ISSUED FOR 85% DESIGN REVIEW			A	20.10.2020	CB	ISSUED FOR 85% REVIEW			<table border="1"> <tr> <th colspan="4">REFERENCE COORDINATION DRAWINGS</th> </tr> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td colspan="4">SURVEY DATUM</td> </tr> <tr> <td colspan="2">HORIZONTAL DATUM: PCG94</td> <td colspan="2">VERTICAL DATUM: AHD</td> </tr> </table>		REFERENCE COORDINATION DRAWINGS				DESCRIPTION	DRAWING NO.	REV	CHK	SURVEY DATUM				HORIZONTAL DATUM: PCG94		VERTICAL DATUM: AHD		<table border="1"> <tr> <th colspan="2">A1 ORIGINAL</th> </tr> <tr> <td colspan="2">DO NOT SCALE THIS DRAWING</td> </tr> <tr> <td colspan="2">APPROVED</td> </tr> <tr> <td>SIGNED:</td> <td>RPEQ:</td> </tr> <tr> <td>DATE:</td> <td></td> </tr> </table>		A1 ORIGINAL		DO NOT SCALE THIS DRAWING		APPROVED		SIGNED:	RPEQ:	DATE:		<p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<table border="1"> <tr> <td>CLIENT:</td> <td>TOWN OF VICTORIA PARK</td> </tr> <tr> <td>PROJECT:</td> <td>RUTLAND AVENUE SHARED PATH</td> </tr> <tr> <td>TITLE:</td> <td>RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 2 OF 4</td> </tr> </table>		CLIENT:	TOWN OF VICTORIA PARK	PROJECT:	RUTLAND AVENUE SHARED PATH	TITLE:	RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 2 OF 4	<table border="1"> <tr> <td colspan="3">DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION</td> </tr> <tr> <td>DESIGNED: C. BAILEY</td> <td>CHECKED: R. ENGELBRECHT</td> <td>APPROVED: L. DAWSON</td> </tr> <tr> <td>PROJECT NO: PS119158</td> <td>DRAWN: A.KC</td> <td>DATE: 10.03.2023</td> </tr> <tr> <td colspan="2">DRAWING NO: PS119158 - CIV - 203</td> <td>REV: C</td> </tr> </table>		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION			DESIGNED: C. BAILEY	CHECKED: R. ENGELBRECHT	APPROVED: L. DAWSON	PROJECT NO: PS119158	DRAWN: A.KC	DATE: 10.03.2023	DRAWING NO: PS119158 - CIV - 203		REV: C
REV	DATE	BY	DESCRIPTION	CHK	APPD																																																																										
C	10.03.2023	AKC	ISSUED FOR 100% DESIGN																																																																												
B	20.10.2020	MY	ISSUED FOR 85% DESIGN REVIEW																																																																												
A	20.10.2020	CB	ISSUED FOR 85% REVIEW																																																																												
REFERENCE COORDINATION DRAWINGS																																																																															
DESCRIPTION	DRAWING NO.	REV	CHK																																																																												
SURVEY DATUM																																																																															
HORIZONTAL DATUM: PCG94		VERTICAL DATUM: AHD																																																																													
A1 ORIGINAL																																																																															
DO NOT SCALE THIS DRAWING																																																																															
APPROVED																																																																															
SIGNED:	RPEQ:																																																																														
DATE:																																																																															
CLIENT:	TOWN OF VICTORIA PARK																																																																														
PROJECT:	RUTLAND AVENUE SHARED PATH																																																																														
TITLE:	RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 2 OF 4																																																																														
DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION																																																																															
DESIGNED: C. BAILEY	CHECKED: R. ENGELBRECHT	APPROVED: L. DAWSON																																																																													
PROJECT NO: PS119158	DRAWN: A.KC	DATE: 10.03.2023																																																																													
DRAWING NO: PS119158 - CIV - 203		REV: C																																																																													



PLAN
1:250

PLAN
1:250

NOTES

- ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- WOMBAT CROSSINGS ARE TO BE TO FULL ROAD WIDTH IN ACCORDANCE WITH MRWA DRG 202231-3010 WITHOUT ZEBRA MARKINGS, AND WITH SHARK TEETH MARKINGS (REFER TO MRWA DRG 202131-0030).
- BUS STOPS INCLUDING TGSIs ARE TO BE DDA COMPLIANT CONSTRUCTED IN ACCORDANCE WITH PTA BUS STOP GUIDELINES.
- BRICK PAVING IS TO BE HERRING BONE PATTERN IN ACCORDANCE WITH MRWA DRG 200331-0154, 200331-0156.
- AT GRADE ENTRY STATEMENT IS TO BE IN ACCORDANCE WITH MRWA DRG 200331-0126 USING HERRING BONE PATTERN BRICK PAVING. KERB RAMP ARE TO BE TYPE A WITH TGSIs IN ACCORDANCE WITH MRWA DRG 9831-5649.

LEGEND

	REFERENCE LINE		EXISTING COMMUNICATION
	CADASTRAL BOUNDARY		EXISTING SEWER
	SURVEY		EXISTING HV POWER
	PROPOSED PEDESTRIAN HANDBRAIL		EXISTING LV POWER
	PACKAGE 1 DESIGN		EXISTING POWER
	W-BEAM BARRIER (TL3)		EXISTING TELSTRA
	ET-SS TERMINAL (TL2)		EXISTING WATER
	TRAILING END TERMINAL		EXISTING GAS
	WOMBAT CROSSING		PROPOSED MAJOR CONTOURS
			PROPOSED MINOR CONTOURS

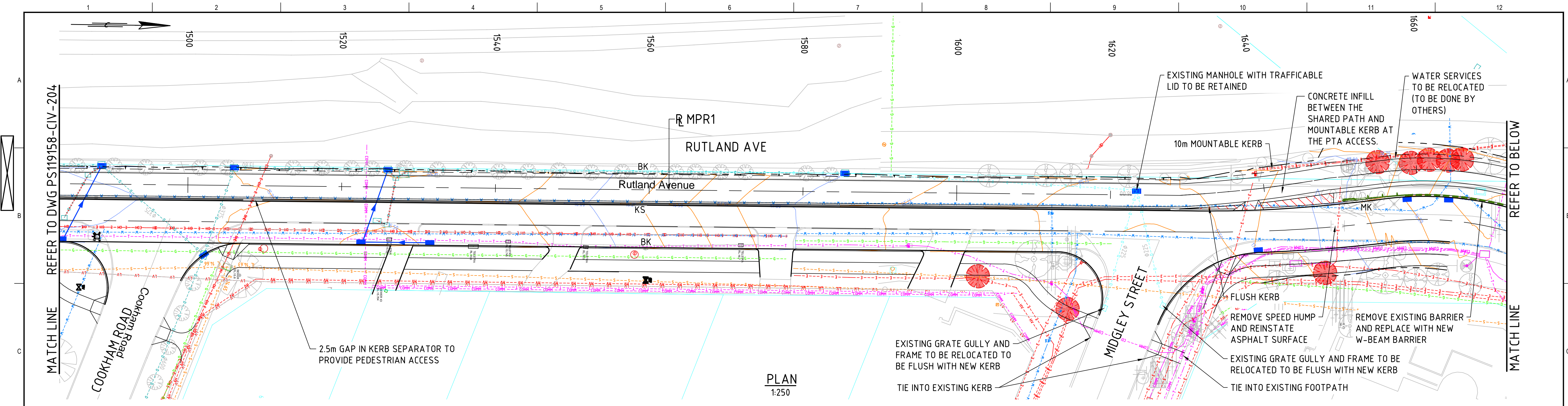
- EXISTING TREE TO BE REMOVED
- DRAINAGE PIPE AND FLOW DIRECTION
- MANHOLE
- SIDE ENTRY PIT OR GRATED GULLY
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED
- EXISTING FENCE
- EXISTING NOISE WALL

- KERBING
- BARRIER KERB
- SHARED PATH RAMP APRON
- MOUNTABLE KERB
- KERB SEPARATOR
- SEMI-MOUNTABLE KERB
- EXISTING PIT / MANHOLE

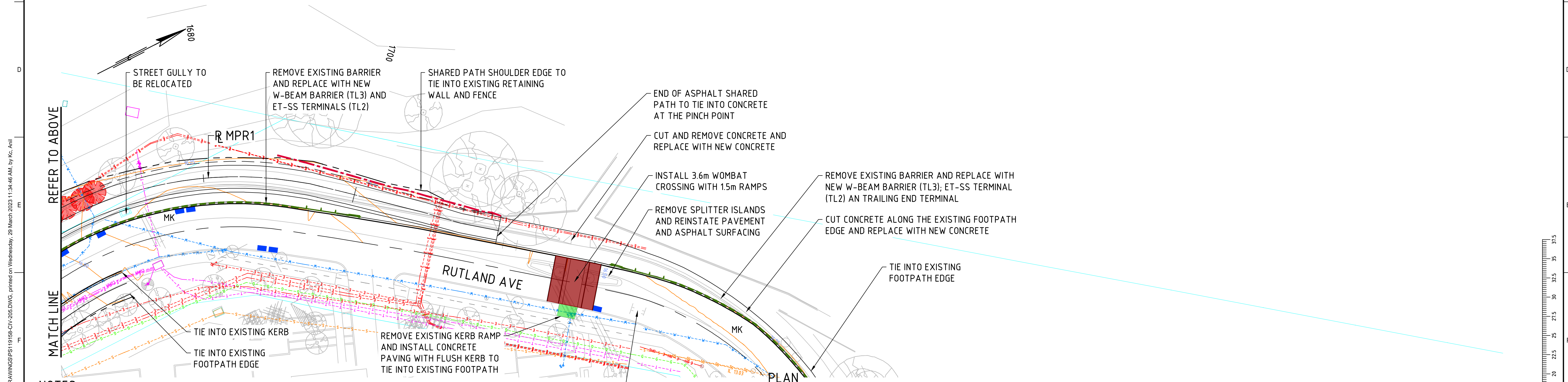


THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td>C</td> <td>10.03.2023</td> <td>AKC</td> <td>ISSUED FOR 100% DESIGN</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>20.10.2020</td> <td>MY</td> <td>ISSUED FOR 85% DESIGN REVIEW</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>20.10.2020</td> <td>CB</td> <td>ISSUED FOR 85% REVIEW</td> <td></td> <td></td> </tr> </table>		REV	DATE	BY	DESCRIPTION	CHK	APPD	C	10.03.2023	AKC	ISSUED FOR 100% DESIGN			B	20.10.2020	MY	ISSUED FOR 85% DESIGN REVIEW			A	20.10.2020	CB	ISSUED FOR 85% REVIEW			<table border="1"> <tr> <th colspan="4">REFERENCE COORDINATION DRAWINGS</th> </tr> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td colspan="4">SURVEY DATUM</td> </tr> <tr> <td colspan="2">HORIZONTAL DATUM: PCG94</td> <td colspan="2">VERTICAL DATUM: AHD</td> </tr> </table>		REFERENCE COORDINATION DRAWINGS				DESCRIPTION	DRAWING NO.	REV	CHK	SURVEY DATUM				HORIZONTAL DATUM: PCG94		VERTICAL DATUM: AHD		<table border="1"> <tr> <th colspan="2">A1 ORIGINAL</th> </tr> <tr> <td colspan="2">DO NOT SCALE THIS DRAWING</td> </tr> <tr> <td colspan="2">APPROVED</td> </tr> <tr> <td>SIGNED:</td> <td>RREQ:</td> </tr> <tr> <td>DATE:</td> <td></td> </tr> <tr> <td colspan="2">© WSP Australia Pty Ltd.</td> </tr> </table>		A1 ORIGINAL		DO NOT SCALE THIS DRAWING		APPROVED		SIGNED:	RREQ:	DATE:		© WSP Australia Pty Ltd.		<p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<table border="1"> <tr> <td>CLIENT:</td> <td>TOWN OF VICTORIA PARK</td> </tr> <tr> <td>PROJECT:</td> <td>RUTLAND AVENUE SHARED PATH</td> </tr> <tr> <td>TITLE:</td> <td>RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 3 OF 4</td> </tr> </table>		CLIENT:	TOWN OF VICTORIA PARK	PROJECT:	RUTLAND AVENUE SHARED PATH	TITLE:	RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 3 OF 4	<table border="1"> <tr> <td colspan="3">DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION</td> </tr> <tr> <td>DESIGNED: C. BAILEY</td> <td>CHECKED: R. ENGELBRECHT</td> <td>APPROVED: L. DAWSON</td> </tr> <tr> <td>PROJECT NO: PS119158</td> <td>DRAWN: A.KC</td> <td>DATE: 10.03.2023</td> </tr> <tr> <td colspan="2">DRAWING NO: PS119158 - CIV - 204</td> <td>REV: C</td> </tr> </table>		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION			DESIGNED: C. BAILEY	CHECKED: R. ENGELBRECHT	APPROVED: L. DAWSON	PROJECT NO: PS119158	DRAWN: A.KC	DATE: 10.03.2023	DRAWING NO: PS119158 - CIV - 204		REV: C
REV	DATE	BY	DESCRIPTION	CHK	APPD																																																																												
C	10.03.2023	AKC	ISSUED FOR 100% DESIGN																																																																														
B	20.10.2020	MY	ISSUED FOR 85% DESIGN REVIEW																																																																														
A	20.10.2020	CB	ISSUED FOR 85% REVIEW																																																																														
REFERENCE COORDINATION DRAWINGS																																																																																	
DESCRIPTION	DRAWING NO.	REV	CHK																																																																														
SURVEY DATUM																																																																																	
HORIZONTAL DATUM: PCG94		VERTICAL DATUM: AHD																																																																															
A1 ORIGINAL																																																																																	
DO NOT SCALE THIS DRAWING																																																																																	
APPROVED																																																																																	
SIGNED:	RREQ:																																																																																
DATE:																																																																																	
© WSP Australia Pty Ltd.																																																																																	
CLIENT:	TOWN OF VICTORIA PARK																																																																																
PROJECT:	RUTLAND AVENUE SHARED PATH																																																																																
TITLE:	RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 3 OF 4																																																																																
DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION																																																																																	
DESIGNED: C. BAILEY	CHECKED: R. ENGELBRECHT	APPROVED: L. DAWSON																																																																															
PROJECT NO: PS119158	DRAWN: A.KC	DATE: 10.03.2023																																																																															
DRAWING NO: PS119158 - CIV - 204		REV: C																																																																															



PLAN
1:250



PLAN
1:250

NOTES

- ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- WOMBAT CROSSINGS ARE TO BE TO FULL ROAD WIDTH IN ACCORDANCE WITH MRWA DRG 202231-3010 WITHOUT ZEBRA MARKINGS, AND WITH SHARK TEETH MARKINGS (REFER TO MRWA DRG 202131-0030).
- BUS STOPS INCLUDING TGSIs ARE TO BE DDA COMPLIANT CONSTRUCTED IN ACCORDANCE WITH PTA BUS STOP GUIDELINES.
- BRICK PAVING IS TO BE HERRING BONE PATTERN IN ACCORDANCE WITH MRWA DRG 200331-0154, 200331-0156.
- AT GRADE ENTRY STATEMENT IS TO BE IN ACCORDANCE WITH MRWA DRG 200331-0126 USING HERRING BONE PATTERN BRICK PAVING. KERB RAMPS ARE TO BE TYPE A WITH TGSIs IN ACCORDANCE WITH MRWA DRG 9831-5649.

LEGEND

—+—	REFERENCE LINE	—●—	EXISTING COMMUNICATION	●	EXISTING TREE TO BE REMOVED	—	KERBING
—	CADASTRAL BOUNDARY	—●—	EXISTING SEWER	●	DRAINAGE PIPE AND FLOW DIRECTION	—	BARRIER KERB
—	SURVEY	—●—	EXISTING HV POWER	●	MANHOLE	—	SHARED PATH RAMP APRON
—	PROPOSED PEDESTRIAN HAINDRAIL	—●—	EXISTING LV POWER	■	SIDE ENTRY PIT OR GRATED GULLY	—	MOUNTABLE KERB
—	PACKAGE 1 DESIGN	—●—	EXISTING POWER	—	EXISTING DRAINAGE PIPE	—	KERB SEPARATOR
—	W-BEAM BARRIER (TL3)	—●—	EXISTING TELSTRA	—	EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED	—	SEMI-MOUNTABLE KERB
—	ET-SS TERMINAL (TL2)	—●—	EXISTING WATER	—	EXISTING FENCE	—	EXISTING PIT / MANHOLE
—	TRAILING END TERMINAL	—●—	EXISTING GAS	—	EXISTING NOISE WALL		
—	WOMBAT CROSSING	—●—	PROPOSED MAJOR CONTOURS				
		—●—	PROPOSED MINOR CONTOURS				



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

10.03.2023 AKC ISSUED FOR 100% DESIGN ISSUED FOR 85% DESIGN REVIEW		RE LD		REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING		CLIENT: Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		PROJECT: RUTLAND AVENUE SHARED PATH		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION		
REV	DATE	BY	DESCRIPTION	CHK	APPD	SIGNED:	APPROVED	DATE:	RREQ:	TITLE:	RUTLAND AVENUE PACKAGE 2 CONSTRUCTION PLAN SHEET 4 OF 4	DESIGNED: C. BAILEY	CHECKED: R. ENGELBRECHT	APPROVED: L. DAWSON
												PROJECT NO: PS119158	DRAWN: A.KC	DATE: 10.03.2023
												DRAWING NO: PS119158 - CIV - 205		REV: B

PS119158-CIV-206

File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-206.dwg, printed on Wednesday, 29 March 2023 11:49:00 AM, by Kc. Akl

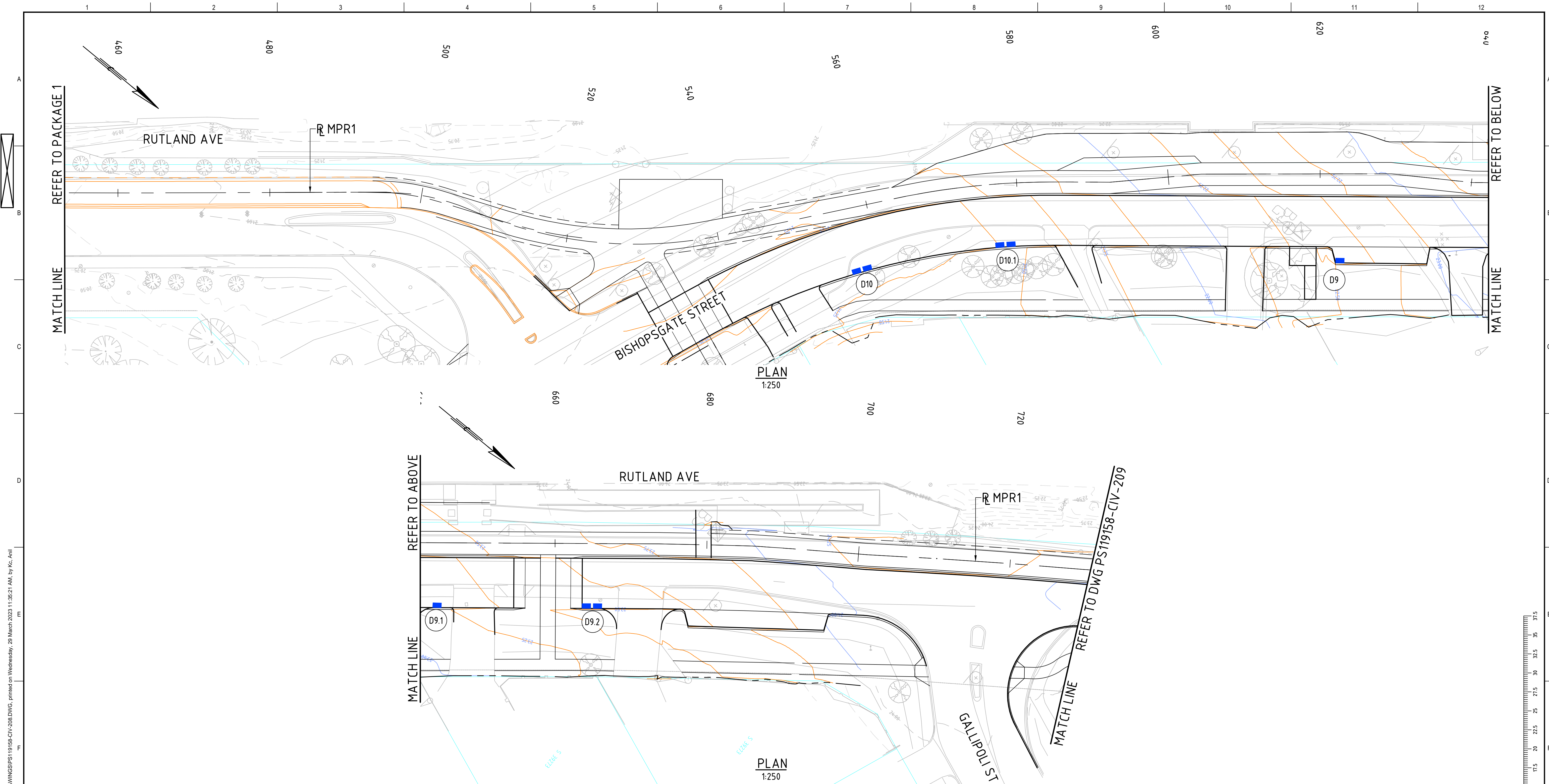
NOTES

- TGT PITS ARE TO BE INSTALLED IN ACCORDANCE WITH GULLY DRAGE STANDARD STD 9-6.
- SGT PITS ARE TO BE PERMEABLE BASE SOAKWELLS INSTALLED IN ACCORDANCE WITH TOWN OF VICTORIA PARK REQUIREMENTS.
- EXISTING PITS WITHIN THE VERGE ARE TO BE LOWERED TO SUIT THE NEW PSP ALIGNMENT AND CONVERTED TO GULLY GRATES OR TRAFFICABLE LIDS.
- PITS THAT ARE UNABLE TO BE LOWERED OR BRICK LINER PITS ARE TO BE REPLACED WITH NEW DRAINAGE STRUCTURES.

DRAINAGE STRUCTURES SCHEDULE									
STRUCTURE		COORDINATES		REF PIT ELEVATION	COMPOSITE AREA (ha)	SOAKWELL			COMMENTS
No.	TYPE	EASTING	NORTHING			SOAKWELL	SIZE	No PITS	
C0	TGT	57903.124	262296.624	16.051	0.0590	YES	1.8m	2	STREET GULLY WITH DOUBLE GRATE - SAG PIT
C0.1	TGT	57908.406	262260.716	17.203	0.0333	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
C0.2	TGT	57900.926	262279.948	16.477	0.0238	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
C0.3	TGT	57900.932	262285.369	16.250	0.0227	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
C1	TGT	57899.129	26184.6.978	23.831	0.0450	NO	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
C2	TGT	57903.730	26174.4.170	27.059	0.0393	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
C3	SGT	57932.434	261601.889	26.288	0.0265	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
C4	TGT	57975.243	261489.610	22.877	0.0495	NO	-	-	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
C5	TGT	57986.085	261467.522	22.562	0.0525	NO	-	-	STREET GULLY WITH SINGLE GRATE - SAG PIT
D0	TGT	57912.969	262303.730		0.0634	YES	1.8m	2	STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D0.1	TGT	57938.808	262338.435		0.0290	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - SAG PIT
D1	TGT	57908.852	26214.3.969	15.449	0.0001	NO	-	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D1.1	TGT	57908.833	262152.916	15.529	0.0528	NO	-	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D10	TGT	58155.259	261253.944	21.023	0.0887	YES	1.8m	2	STREET GULLY WITH DOUBLE GRATE - SAG PIT
D10.1	TGT	58140.737	261266.383	21.269	0.0572	YES	1.8m	2	STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D2	TGT	57908.937	262105.077	15.879	0.0836	NO	-	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D3	TGT	57903.097	261980.758	19.448	0.0528	NO	-	2	STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D4	TGT	57902.630	26184.6.964	23.907	0.0753	NO	-	2	DOUBLE GRATE STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D4.1	TGT	57902.791	261868.673	23.057	0.0539	NO	-	2	STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D4.2	TGT	57902.779	261928.851	21.170	0.0794	NO	-	2	STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D5	TGT	57917.744	261712.736	28.226	0.0518	YES	1.8m	2	STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D5.1	TGT	57929.468	261726.218	28.777	0.0219	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D5.2	TGT	57926.848	261719.024	28.656	0.0301	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D5.3	TGT	57904.832	261760.203	26.606	0.0736	YES	1.8m	2	STREET GULLY WITH DOUBLE GRATE - ON GRADE PIT
D5.4	TGT	57903.140	261777.774	26.031	0.0264	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D6	SGT	57941.534	261604.619	26.174	0.0437	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D7	TGT	57994.657	261471.626	22.546	0.0958	NO	-	2	DOUBLE GRATE STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D8	SGT	58019.351	261426.969	23.064	0.0500	NO	-	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D9	TGT	58114.706	261301.243	22.350	0.0421	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D9.1	TGT	58098.932	261317.209	23.054	0.0161	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - ON GRADE PIT
D9.2	TGT	58086.490	261332.451	23.425	0.0681	YES	1.8m	2	STREET GULLY WITH DOUBLE GRATE - SAG PIT
D9.3	TGT	58046.139	261385.166	23.651	0.0385	YES	1.8m	1	STREET GULLY WITH SINGLE GRATE - SAG PIT
EX01	MH	57900.495	262244.776	17.580	0.0000	NO	-	1	EXISTING MANHOLE CONVERT TO MANHOLE WITH TRAFFICABLE LID
EX01.1	MH	57900.163	262289.998	16.279	0.0000	NO	-	1	RETAIN EXISTING
EX02	MH	57898.810	262206.808	17.138	0.0291	NO	-	1	EXISTING MANHOLE CONVERT TO PSP GULLY GRATE.
EX03	MH	57899.092	26214.7.369	15.645	0.0385	NO	-	1	EXISTING MANHOLE CONVERT TO PSP GULLY GRATE.
EX04	MH	57899.109	262127.364	15.810	0.0000	NO	-	1	EXISTING MANHOLE CONVERT TO MANHOLE WITH TRAFFICABLE LID
EX05	MH	57910.448	262123.569	15.778	0.0000	NO	-	1	EXISTING MANHOLE CONVERT TO TRAFFICABLE GULLY GRATE.
EX06	MH	57899.041	262110.153	16.015	0.0265	NO	-	1	EXISTING MANHOLE CONVERT TO PSP GULLY GRATE.
EX07	MH	57899.119	262060.346	16.604	0.0265	NO	-	1	EXISTING MANHOLE CONVERT TO PSP GULLY GRATE.
EX08	MH	57899.325	261988.737	19.119	0.0230	NO	-	1	EXISTING MANHOLE CONVERT TO PSP GULLY GRATE.
EX09	MH	57906.203	261974.228	19.640	0.0000	NO	-	1	EXISTING STREET GULLY CONVERT TO MANHOLE WITH TRAFFICABLE LID
EX10	MH	57899.418	261928.837	21.250	0.0319	NO	-	1	EXISTING MANHOLE CONVERT TO PSP GULLY GRATE.
EX11	MH	57899.660	261859.416	23.406	0.0000	NO	-	1	EXISTING MANHOLE CONVERT TO MANHOLE WITH TRAFFICABLE LID.
EX11.1	MH	57918.234	261851.911	24.496	0.0456	NO	-	1	EXISTING MANHOLE CONVERT TO TRAFFICABLE GULLY GRATE.
EX11.2	MH	57916.671	261860.537		0.0499	NO	-	1	EXISTING MANHOLE CONVERT TO TRAFFICABLE GULLY GRATE.
EX12	MH	57992.120	261470.328	22.652		NO	-	1	EXISTING MANHOLE CONVERT TO MANHOLE WITH TRAFFICABLE LID.
EX13	MH	58019.283	261425.136	23.144		NO	-	1	EXISTING MANHOLE CONVERT TO MANHOLE WITH TRAFFICABLE LID.

N.T.S.

<table border="1"> <tr><th>REV</th><th>DATE</th><th>BY</th><th>DESCRIPTION</th><th>CHK</th><th>APPD</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>		REV	DATE	BY	DESCRIPTION	CHK	APPD							<table border="1"> <tr><th>DESCRIPTION</th><th>DRAWING NO.</th><th>REV</th><th>CHK</th></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>		DESCRIPTION	DRAWING NO.	REV	CHK					<table border="1"> <tr><th>HORIZONTAL DATUM</th><th>VERTICAL DATUM</th></tr> <tr><td> </td><td> </td></tr> </table>		HORIZONTAL DATUM	VERTICAL DATUM			<table border="1"> <tr><th>SCALE</th></tr> <tr><td> </td></tr> </table>		SCALE		<table border="1"> <tr><th>REFERENCE COORDINATION DRAWINGS</th></tr> <tr><td> </td></tr> </table>		REFERENCE COORDINATION DRAWINGS		<table border="1"> <tr><th>A1 ORIGINAL</th></tr> <tr><td>DO NOT SCALE THIS DRAWING</td></tr> <tr><td>SIGNED: _____</td></tr> <tr><td>DATE: _____</td></tr> <tr><td>RECD: _____</td></tr> <tr><td>© WSP Australia Pty Ltd.</td></tr> </table>		A1 ORIGINAL	DO NOT SCALE THIS DRAWING	SIGNED: _____	DATE: _____	RECD: _____	© WSP Australia Pty Ltd.	 <p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<table border="1"> <tr><th>CLIENT</th></tr> <tr><td>TOWN OF VICTORIA PARK</td></tr> </table>		CLIENT	TOWN OF VICTORIA PARK	<table border="1"> <tr><th>PROJECT</th></tr> <tr><td>RUTLAND AVENUE SHARED PATH</td></tr> <tr><th>TITLE</th></tr> <tr><td>RUTLAND AVENUE PACKAGE 2 DRAINAGE STRUCTURES SCHEDULE SHEET 1 OF 1</td></tr> </table>		PROJECT	RUTLAND AVENUE SHARED PATH	TITLE	RUTLAND AVENUE PACKAGE 2 DRAINAGE STRUCTURES SCHEDULE SHEET 1 OF 1	<table border="1"> <tr><th>DRAWING STATUS</th></tr> <tr><td>100% DESIGN NOT FOR CONSTRUCTION</td></tr> <tr><th>DESIGNED</th></tr> <tr><td>M.HOWE</td></tr> <tr><th>CHECKED</th></tr> <tr><td>R. ENGELBRECHT</td></tr> <tr><th>APPROVED</th></tr> <tr><td>L. DAWSON</td></tr> <tr><th>PROJECT NO.</th></tr> <tr><td>PS119158</td></tr> <tr><th>DRAWN</th></tr> <tr><td>A.KC</td></tr> <tr><th>DATE</th></tr> <tr><td>10.03.2023</td></tr> <tr><th>DRAWING NO.</th></tr> <tr><td>PS119158 - CIV - 206</td></tr> <tr><th>REV</th></tr> <tr><td>A</td></tr> </table>		DRAWING STATUS	100% DESIGN NOT FOR CONSTRUCTION	DESIGNED	M.HOWE	CHECKED	R. ENGELBRECHT	APPROVED	L. DAWSON	PROJECT NO.	PS119158	DRAWN	A.KC	DATE	10.03.2023	DRAWING NO.	PS119158 - CIV - 206	REV	A
REV	DATE	BY	DESCRIPTION	CHK	APPD																																																																								
DESCRIPTION	DRAWING NO.	REV	CHK																																																																										
HORIZONTAL DATUM	VERTICAL DATUM																																																																												
SCALE																																																																													
REFERENCE COORDINATION DRAWINGS																																																																													
A1 ORIGINAL																																																																													
DO NOT SCALE THIS DRAWING																																																																													
SIGNED: _____																																																																													
DATE: _____																																																																													
RECD: _____																																																																													
© WSP Australia Pty Ltd.																																																																													
CLIENT																																																																													
TOWN OF VICTORIA PARK																																																																													
PROJECT																																																																													
RUTLAND AVENUE SHARED PATH																																																																													
TITLE																																																																													
RUTLAND AVENUE PACKAGE 2 DRAINAGE STRUCTURES SCHEDULE SHEET 1 OF 1																																																																													
DRAWING STATUS																																																																													
100% DESIGN NOT FOR CONSTRUCTION																																																																													
DESIGNED																																																																													
M.HOWE																																																																													
CHECKED																																																																													
R. ENGELBRECHT																																																																													
APPROVED																																																																													
L. DAWSON																																																																													
PROJECT NO.																																																																													
PS119158																																																																													
DRAWN																																																																													
A.KC																																																																													
DATE																																																																													
10.03.2023																																																																													
DRAWING NO.																																																																													
PS119158 - CIV - 206																																																																													
REV																																																																													
A																																																																													



NOTES

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. ALL PIPE DIAMETERS ARE IN MILLIMETRES.
3. EXISTING SERVICES ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
4. DEPTHS TO SERVICES AT ALL CROSSING POINTS ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
5. REFER TO DRG No. PS119158-CIV-206 FOR DRAINAGE SCHEDULE.
6. LOCATION OF PIT ON EXISTING NETWORK IS BASED ON VARYING SOURCES OF DATA (SURVEY). EXISTING PIPE LOCATION TO BE CONFIRMED PRIOR TO COMMENCEMENT OF ANY WORKS.
7. ALL BRICK DRAINAGE STRUCTURES ARE TO BE REPLACED WITH NEW REINFORCED CONCRETE STRUCTURES.
8. SHARED PATH GRATED GULLY PITS ARE TO BE INSTALLED OUTSIDE SHARED PATH SHOULDER AND IN ACCORDANCE WITH AS 1428.1, AS 1428.2, AS 3996 AND AS 4586.

LEGEND

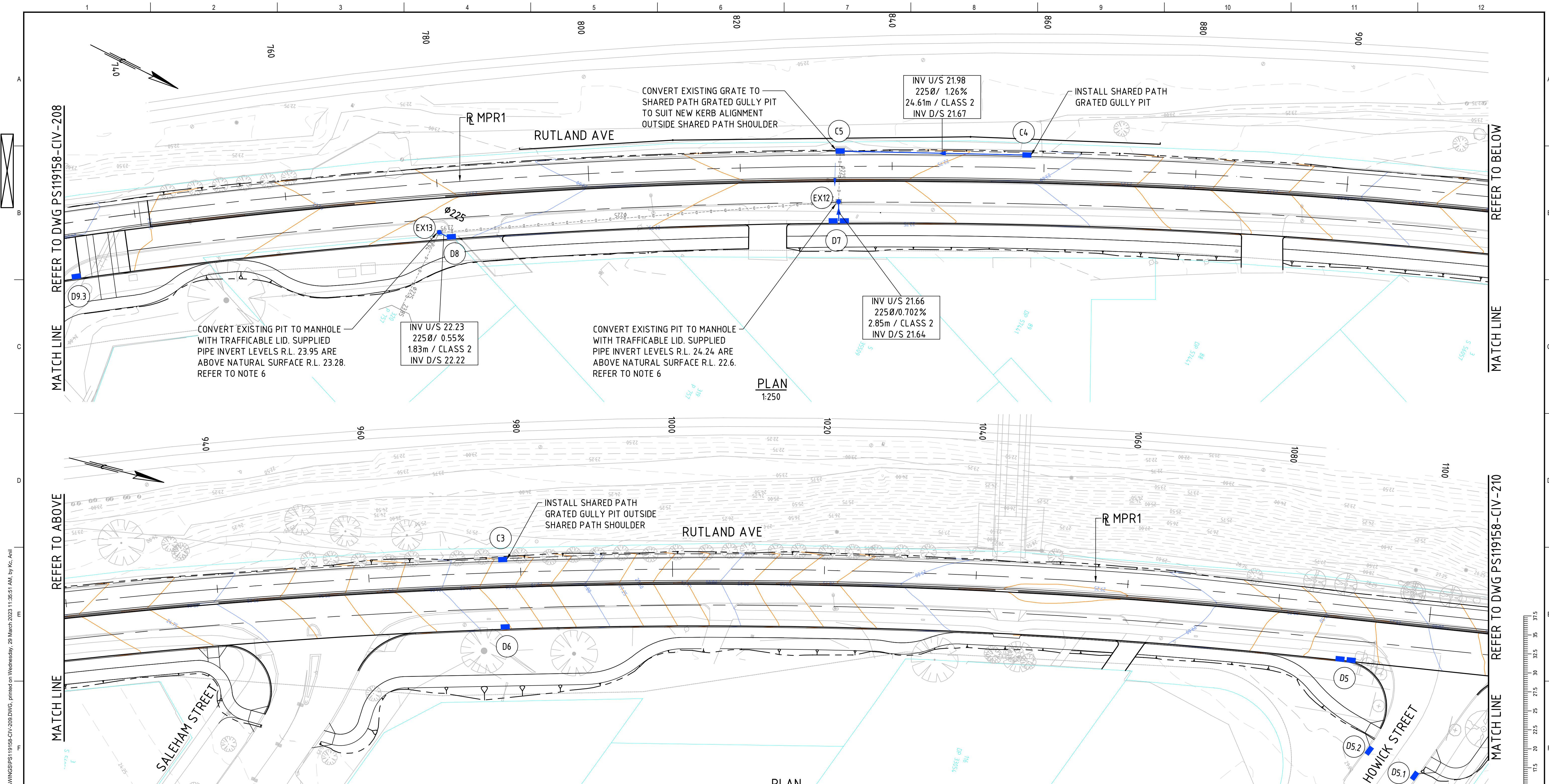
	REFERENCE LINE		EXISTING CONTOUR
	SEAL EDGE		EXISTING DRAINAGE PIPE
	DESIGN		EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED
	CADASTRAL		EXISTING S.W. MANHOLE/PIT
	EXISTING SURVEY		STRUCTURE NAME
	PROPOSED SIDE ENTRY OR GRATED GULLY PIT		UPSTREAM INVERT
	PROPOSED DRAINAGE PIPE AND DIRECTION OF FLOW		DIAMETER (mm) / GRADE
	PROPOSED MANHOLE		LENGTH (m) / CLASS
	MAJOR CONTOUR		DOWNSTREAM INVERT
	MINOR CONTOUR		

G15.2
 INV U/S 44.10
 375 Ø / 0.33%
 7.39m / CLASS 2
 INV D/S 44.07



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING		CLIENT:		PROJECT: RUTLAND AVENUE SHARED PATH		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION	
SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		SIGNED: _____ APPROVED		DATE: _____ RREQ: _____		TITLE: RUTLAND AVENUE PACKAGE 2 DRAINAGE PLAN SHEET 1 OF 4		DESIGNED: M.HOWE CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON	
REV DATE BY DESCRIPTION CHK APPD		© WSP Australia Pty Ltd.		Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		PROJECT No: PS119158 DRAWN: A.KC DATE: 10.03.2023		DRAWING No: PS119158 - CIV - 208 REV: A	



PLAN
1:250

PLAN
1:250

NOTES

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. ALL PIPE DIAMETERS ARE IN MILLIMETRES.
3. EXISTING SERVICES ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
4. DEPTHS TO SERVICES AT ALL CROSSING POINTS ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
5. REFER TO DRG No. PS119158-CIV-206 FOR DRAINAGE SCHEDULE.
6. LOCATION OF PIT ON EXISTING NETWORK IS BASED ON VARYING SOURCES OF DATA (SURVEY). EXISTING PIPE LOCATION TO BE CONFIRMED PRIOR TO COMMENCEMENT OF ANY WORKS.
7. ALL BRICK DRAINAGE STRUCTURES ARE TO BE REPLACED WITH NEW REINFORCED CONCRETE STRUCTURES.
8. SHARED PATH GRATED GULLY PITS ARE TO BE INSTALLED OUTSIDE SHARED PATH SHOULDER AND IN ACCORDANCE WITH AS 1428.1, AS 1428.2, AS 3996 AND AS 4586.

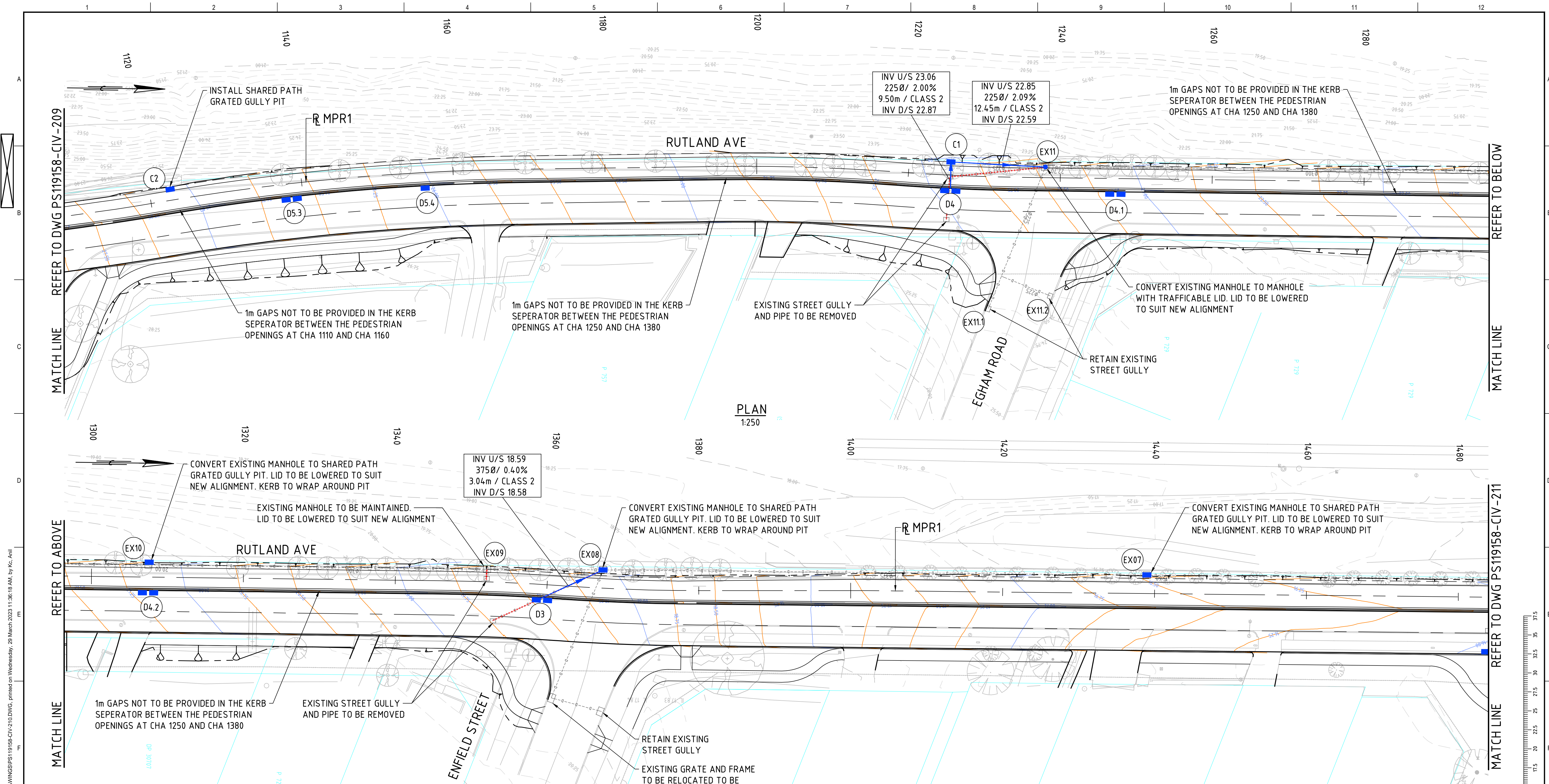
LEGEND

- REFERENCE LINE
- SEAL EDGE
- DESIGN
- CADASTRAL
- EXISTING SURVEY
- PROPOSED SIDE ENTRY OR GRATED GULLY PIT
- PROPOSED DRAINAGE PIPE AND DIRECTION OF FLOW
- PROPOSED MANHOLE
- MAJOR CONTOUR
- MINOR CONTOUR
- EXISTING CONTOUR
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED
- EXISTING S.W. MANHOLE/PIT
- STRUCTURE NAME
- STRUCTURE NAME
- UPSTREAM INVERT DIAMETER (mm) / GRADE LENGTH (m) / CLASS DOWNSTREAM INVERT



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

<p>10.03.2023 ACK ISSUED FOR 100% DESIGN</p>		<p>LD</p>		<p>PCG94</p>		<p>AHD</p>		<p>A1 ORIGINAL DO NOT SCALE THIS DRAWING</p>		<p>WSP Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<p>TOWN OF VICTORIA PARK</p>		<p>RUTLAND AVENUE SHARED PATH</p>		<p>100% DESIGN NOT FOR CONSTRUCTION</p>	
<p>DATE: 10.03.2023</p>		<p>BY: ACK</p>		<p>CHK: LD</p>		<p>APPD: PCG94</p>		<p>SIGNED: _____</p>		<p>DATE: _____</p>		<p>PROJECT: RUTLAND AVENUE SHARED PATH</p>		<p>DESIGNED: M.HOWE</p>		<p>CHECKED: R. ENGELBRECHT</p>	
<p>DESCRIPTION: _____</p>		<p>DESCRIPTION: _____</p>		<p>DESCRIPTION: _____</p>		<p>DESCRIPTION: _____</p>		<p>DATE: _____</p>		<p>DATE: _____</p>		<p>TITLE: RUTLAND AVENUE PACKAGE 2 DRAINAGE PLAN SHEET 2 OF 4</p>		<p>PROJECT NO: PS119158</p>		<p>DATE: 10.03.2023</p>	
<p>REV: _____</p>		<p>DATE: _____</p>		<p>DESCRIPTION: _____</p>		<p>CHK: _____</p>		<p>DATE: _____</p>		<p>DATE: _____</p>		<p>DRAWING NO: PS119158 - CIV - 209</p>		<p>REV: A</p>		<p>DATE: _____</p>	



PLAN
1:250

PLAN
1:250

NOTES

- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
- ALL PIPE DIAMETERS ARE IN MILLIMETRES.
- EXISTING SERVICES ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- DEPTHS TO SERVICES AT ALL CROSSING POINTS ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- REFER TO DRG No. PS119158-CIV-206 FOR DRAINAGE SCHEDULE.
- LOCATION OF PIT ON EXISTING NETWORK IS BASED ON VARYING SOURCES OF DATA (SURVEY). EXISTING PIPE LOCATION TO BE CONFIRMED PRIOR TO COMMENCEMENT OF ANY WORKS.
- ALL BRICK DRAINAGE STRUCTURES ARE TO BE REPLACED WITH NEW REINFORCED CONCRETE STRUCTURES.
- SHARED PATH GRATED GULLY PITS ARE TO BE INSTALLED OUTSIDE SHARED PATH SHOULDER AND IN ACCORDANCE WITH AS 1428.1, AS 1428.2, AS 3996 AND AS 4586.

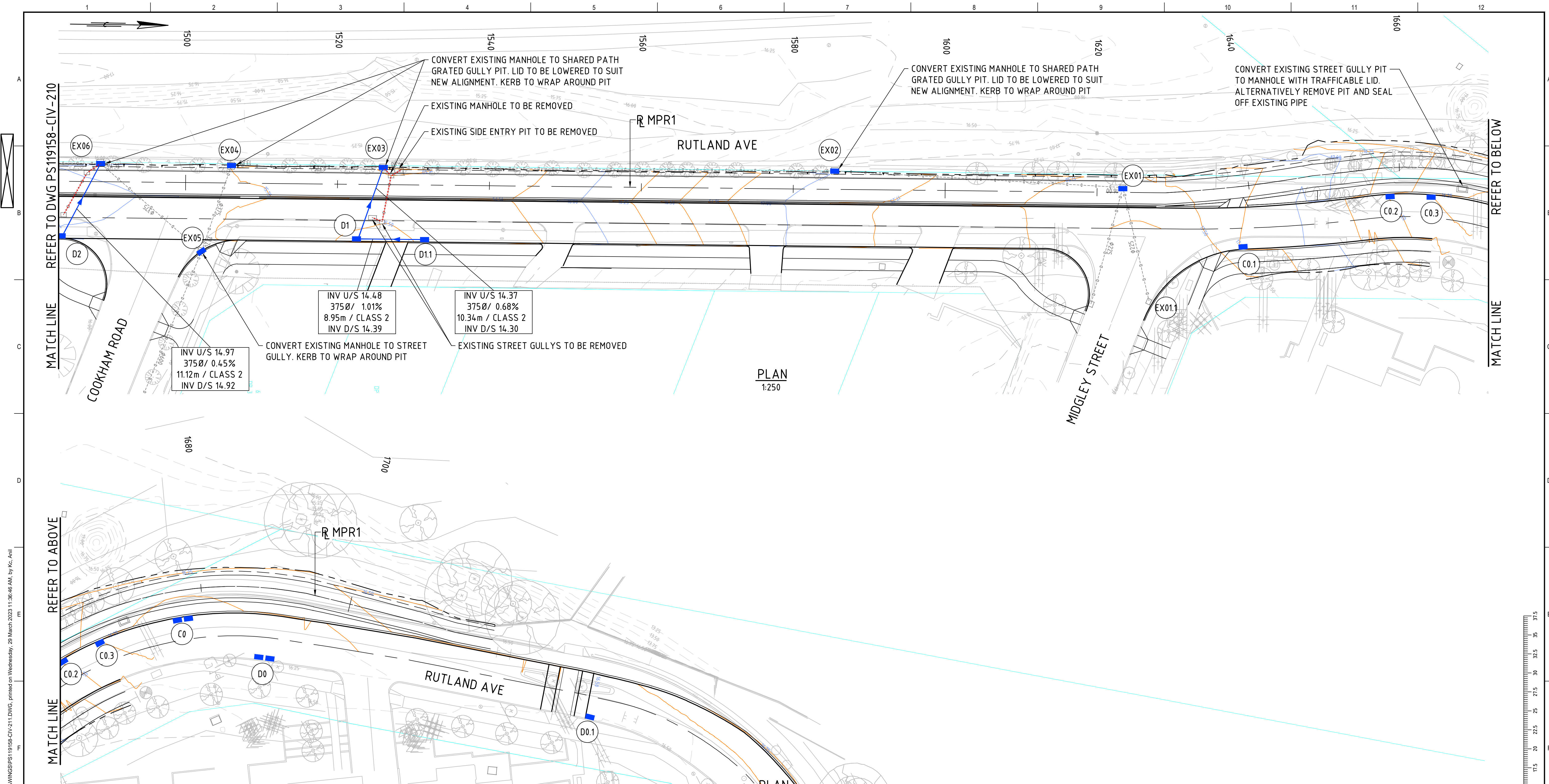
LEGEND

	REFERENCE LINE		EXISTING CONTOUR
	SEAL EDGE		EXISTING DRAINAGE PIPE
	DESIGN		EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED
	CADASTRAL		EXISTING S.W. MANHOLE/PIT
	EXISTING SURVEY		STRUCTURE NAME
	PROPOSED SIDE ENTRY OR GRATED GULLY PIT		UPSTREAM INVERT
	PROPOSED DRAINAGE PIPE AND DIRECTION OF FLOW		DIAMETER (mm) / GRADE LENGTH (m) / CLASS
	PROPOSED MANHOLE		DOWNSTREAM INVERT
	MAJOR CONTOUR		
	MINOR CONTOUR		



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

<p>10.03.2023 ACK ISSUED FOR 100% DESIGN</p>		<p>LD PCG94</p>		<p>A1 ORIGINAL DO NOT SCALE THIS DRAWING</p>		<p>WSP Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<p>TOWN OF VICTORIA PARK</p>		<p>RUTLAND AVENUE SHARED PATH PACKAGE 2 DRAINAGE PLAN SHEET 3 OF 4</p>		<p>100% DESIGN NOT FOR CONSTRUCTION</p>		
DATE	BY	DESCRIPTION	CHK	APPD	SIGNED	DATE	RREQ	CLIENT	PROJECT	TITLE	DRAWING NO.	DESIGNED	CHECKED	APPROVED
10.03.2023	ACK	ISSUED FOR 100% DESIGN		LD				TOWN OF VICTORIA PARK	RUTLAND AVENUE SHARED PATH	RUTLAND AVENUE PACKAGE 2 DRAINAGE PLAN SHEET 3 OF 4	PS119158 - CIV - 210	M.HOWE	R. ENGELBRECHT	L. DAWSON



- NOTES**
- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - ALL PIPE DIAMETERS ARE IN MILLIMETRES.
 - EXISTING SERVICES ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
 - DEPTHS TO SERVICES AT ALL CROSSING POINTS ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
 - REFER TO DRG No. PS119158-CIV-206 FOR DRAINAGE SCHEDULE.
 - LOCATION OF PIT ON EXISTING NETWORK IS BASED ON VARYING SOURCES OF DATA (SURVEY). EXISTING PIPE LOCATION TO BE CONFIRMED PRIOR TO COMMENCEMENT OF ANY WORKS.
 - ALL BRICK DRAINAGE STRUCTURES ARE TO BE REPLACED WITH NEW REINFORCED CONCRETE STRUCTURES.
 - SHARED PATH GRATED GULLY PITS ARE TO BE INSTALLED OUTSIDE SHARED PATH SHOULDER AND IN ACCORDANCE WITH AS 1428.1, AS 1428.2, AS 3996 AND AS 4586.

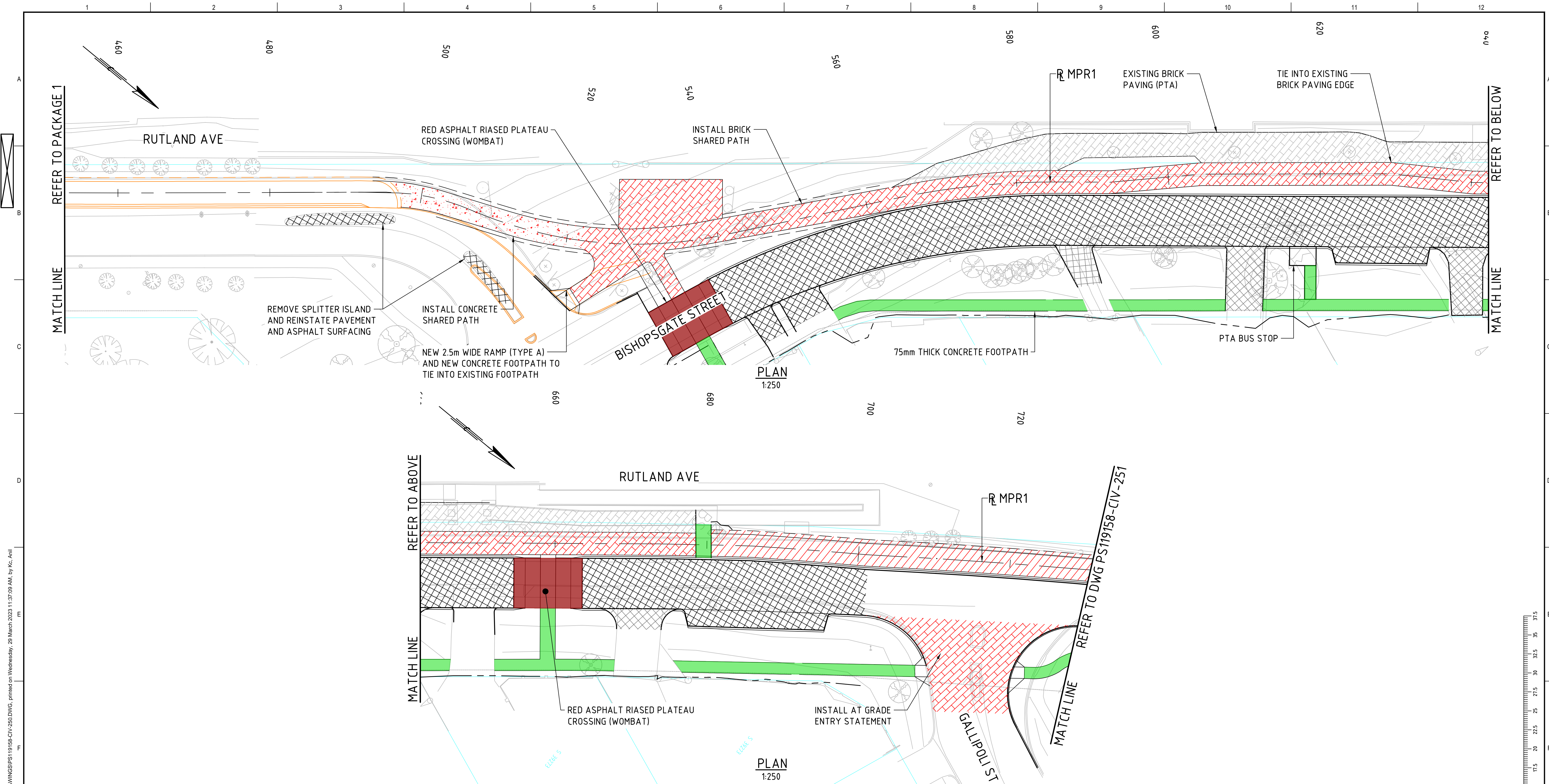
LEGEND

	REFERENCE LINE		EXISTING CONTOUR
	SEAL EDGE		EXISTING DRAINAGE PIPE
	DESIGN		EXISTING DRAINAGE PIPE / STRUCTURE TO BE REMOVED
	CADASTRAL		EXISTING S.W. MANHOLE/PIT
	EXISTING SURVEY		STRUCTURE NAME
	PROPOSED SIDE ENTRY OR GRATED GULLY PIT		UPSTREAM INVERT
	PROPOSED DRAINAGE PIPE AND DIRECTION OF FLOW		DIAMETER (mm) / GRADE
	PROPOSED MANHOLE		LENGTH (m) / CLASS
	MAJOR CONTOUR		DOWNSTREAM INVERT
	MINOR CONTOUR		

BEFORE YOU DIG
www.byda.com.au
Zero Damage - Zero Harm

THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING		 Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		CLIENT: 		PROJECT: RUTLAND AVENUE SHARED PATH		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION	
SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		SIGNED: _____ APPROVED		DATE: _____ RREQ: _____		PROJECT NO: PS119158		CHECKED: R. ENGELBRECHT		APPROVED: L. DAWSON	
REV DATE BY DESCRIPTION CHK APPD		© WSP Australia Pty Ltd.		TITLE: RUTLAND AVENUE PACKAGE 2 DRAINAGE PLAN SHEET 4 OF 4		DRAWING NO: PS119158 - CIV - 211		DATE: 10.03.2023		REV: A	



NOTES

1. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
2. WOMBAT CROSSING ARE TO BE RED ASPHALT WITH SHARK TEETH PAVEMENT MARKINGS IN ACCORDANCE WITH MRWA DRAWINGS 202231-3006 AND 202131-0030.
3. FOR NEW ROAD PAVEMENT AND SHARED PATH NEW PAVEMENT REFER TO DRAWING PS119158-CIV-114.
4. NEW BRICK PAVING IS TO BE HERRINGBONE PATTERN IN ACCORDANCE WITH MRWA DRAWING No. 200331-0154.
5. BRICK PAVING COLOUR TO BE SIMILAR TO EXISTING.

LEGEND

	+ 007	REFERENCE LINE		NEW ROAD PAVEMENT
		CADASTRAL BOUNDARY		ROAD TO BE RESURFACED
		SURVEY		DRIVEWAY REINSTATEMENT
		PACKAGE 1 DESIGN		NEW BRICK PAVING
		ASPHALT SHARED PATH NEW PAVEMENT		EXISTING BRICK PAVING
		ASPHALT SHARED PATH TO BE RESURFACED		WOMBAT CROSSING
		CONCRETE SHARED PATH		
		NEW CONCRETE FOOTPATH		

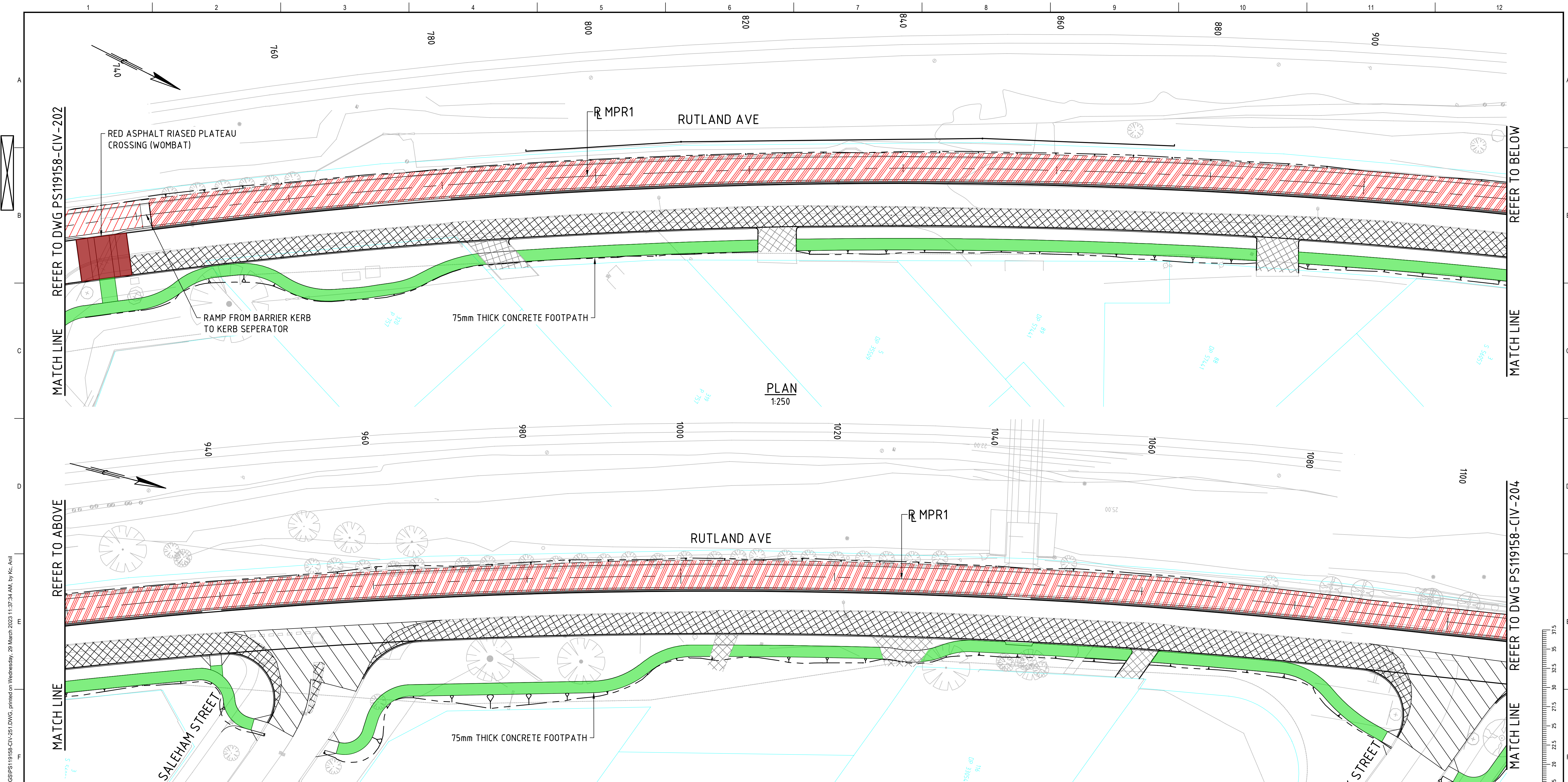


THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

B 10.03.2023 MY AKC ISSUED FOR 100% DESIGN A 10.03.2023 MY AKC ISSUED FOR 100% DESIGN REVIEW		RE LD LD		REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING		SIGNED: APPROVED DATE: RREQ:		CLIENT:		PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 PAVEMENT PLANS SHEET 1 OF 4		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON PROJECT NO: PS119158 DRAWN: A.K.C DATE: 10.03.2023 DRAWING NO: PS119158 - CIV - 250 REV: B	
REV DATE BY DESCRIPTION CHK APPD		HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		© WSP Australia Pty Ltd.		Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 PAVEMENT PLANS SHEET 1 OF 4		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON PROJECT NO: PS119158 DRAWN: A.K.C DATE: 10.03.2023 DRAWING NO: PS119158 - CIV - 250 REV: B					

File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-250.dwg, 29 March 2023 11:37:09 AM, by Kc. Aml

1:250 0 2.5m 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5



PLAN
1:250

PLAN
1:250

NOTES

1. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
2. WOMBAT CROSSING ARE TO BE RED ASPHALT WITH SHARK TEETH PAVEMENT MARKINGS IN ACCORDANCE WITH MRWA DRAWINGS 202231-3006 AND 202131-0030.
3. FOR NEW ROAD PAVEMENT AND SHARED PATH NEW PAVEMENT REFER TO DRAWING PS119158-CIV-114.
4. NEW BRICK PAVING IS TO BE HERRINGBONE PATTERN IN ACCORDANCE WITH MRWA DRAWING No. 200331-0154.
5. BRICK PAVING COLOUR TO BE SIMILAR TO EXISTING.

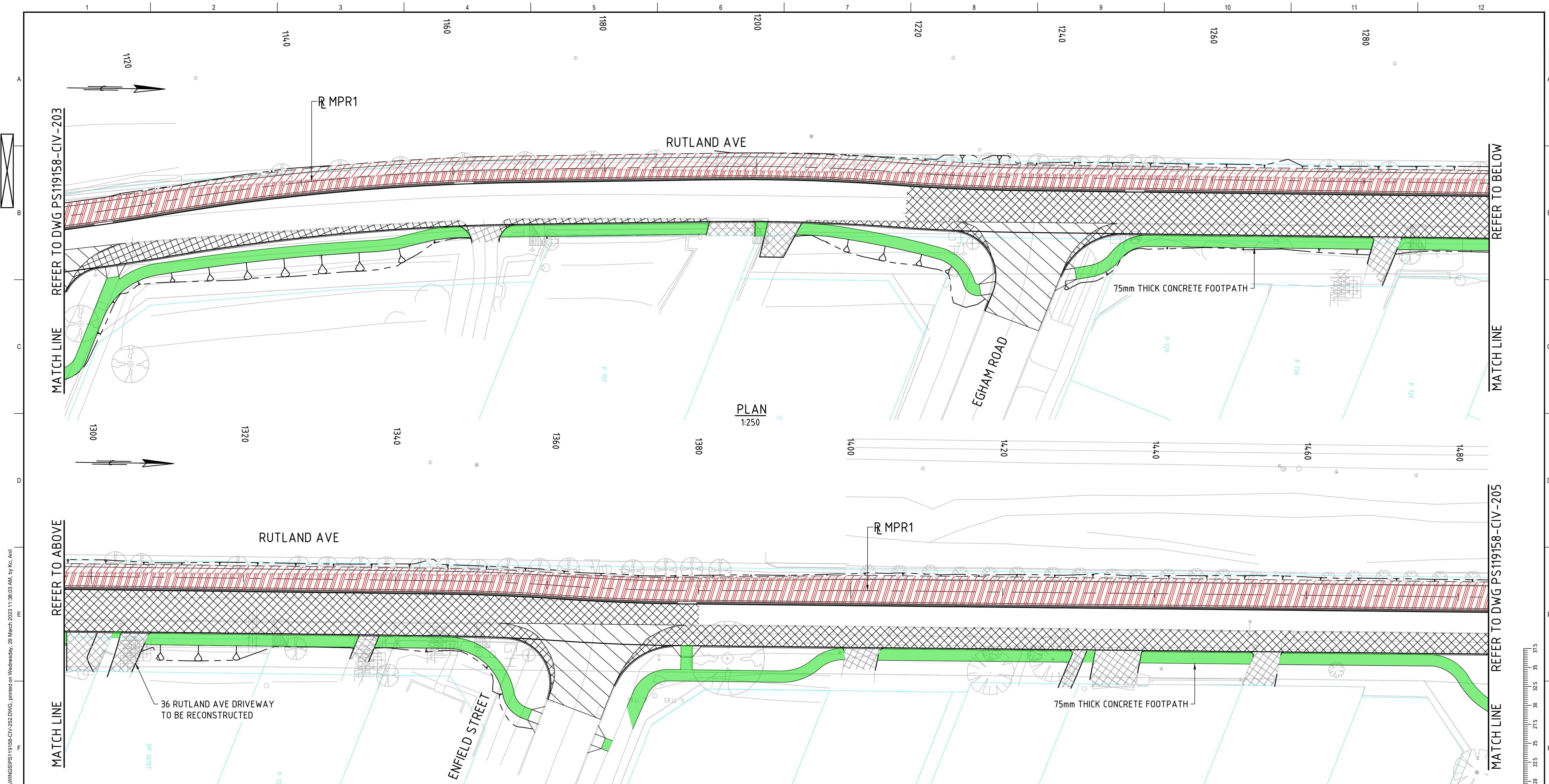
LEGEND

	REFERENCE LINE		NEW ROAD PAVEMENT
	CADASTRAL BOUNDARY		ROAD TO BE RESURFACED
	SURVEY		DRIVEWAY REINSTATEMENT
	PACKAGE 1 DESIGN		NEW BRICK PAVING
	ASPHALT SHARED PATH NEW PAVEMENT		EXISTING BRICK PAVING
	ASPHALT SHARED PATH TO BE RESURFACED		WOMBAT CROSSING
	CONCRETE SHARED PATH		
	NEW CONCRETE FOOTPATH		



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

10.03.2023 MY AKC ISSUED FOR 100% DESIGN ISSUED FOR 100% DESIGN REVIEW		RE LD APPD SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING APPROVED SIGNED: _____ DATE: _____ RREQ: _____		CLIENT: Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 PAVEMENT PLANS SHEET 2 OF 4		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON PROJECT NO: PS119158 DRAWN: A.KC DATE: 10.03.2023 DRAWING NO: PS119158 - CIV - 251 REV: B	
---	--	---	--	--	--	---	--	--	--	---	--



PLAN
1:250

PLAN
1:250

NOTES

1. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
2. WOMBAT CROSSING ARE TO BE RED ASPHALT WITH SHARK TEETH PAVEMENT MARKINGS IN ACCORDANCE WITH MRWA DRAWINGS 202231-3006 AND 202131-0030.
3. FOR NEW ROAD PAVEMENT AND SHARED PATH NEW PAVEMENT REFER TO DRAWING PS119158-CIV-114.
4. NEW BRICK PAVING IS TO BE HERRINGBONE PATTERN IN ACCORDANCE WITH MRWA DRAWING No. 200331-0154.
5. BRICK PAVING COLOUR TO BE SIMILAR TO EXISTING.

LEGEND

- +— REFERENCE LINE
- CADASTRAL BOUNDARY
- SURVEY
- PACKAGE 1 DESIGN
- ASPHALT SHARED PATH NEW PAVEMENT
- ASPHALT SHARED PATH TO BE RESURFACED
- CONCRETE SHARED PATH
- NEW CONCRETE FOOTPATH
- NEW ROAD PAVEMENT
- ROAD TO BE RESURFACED
- DRIVEWAY REINSTATEMENT
- NEW BRICK PAVING
- EXISTING BRICK PAVING
- WOMBAT CROSSING

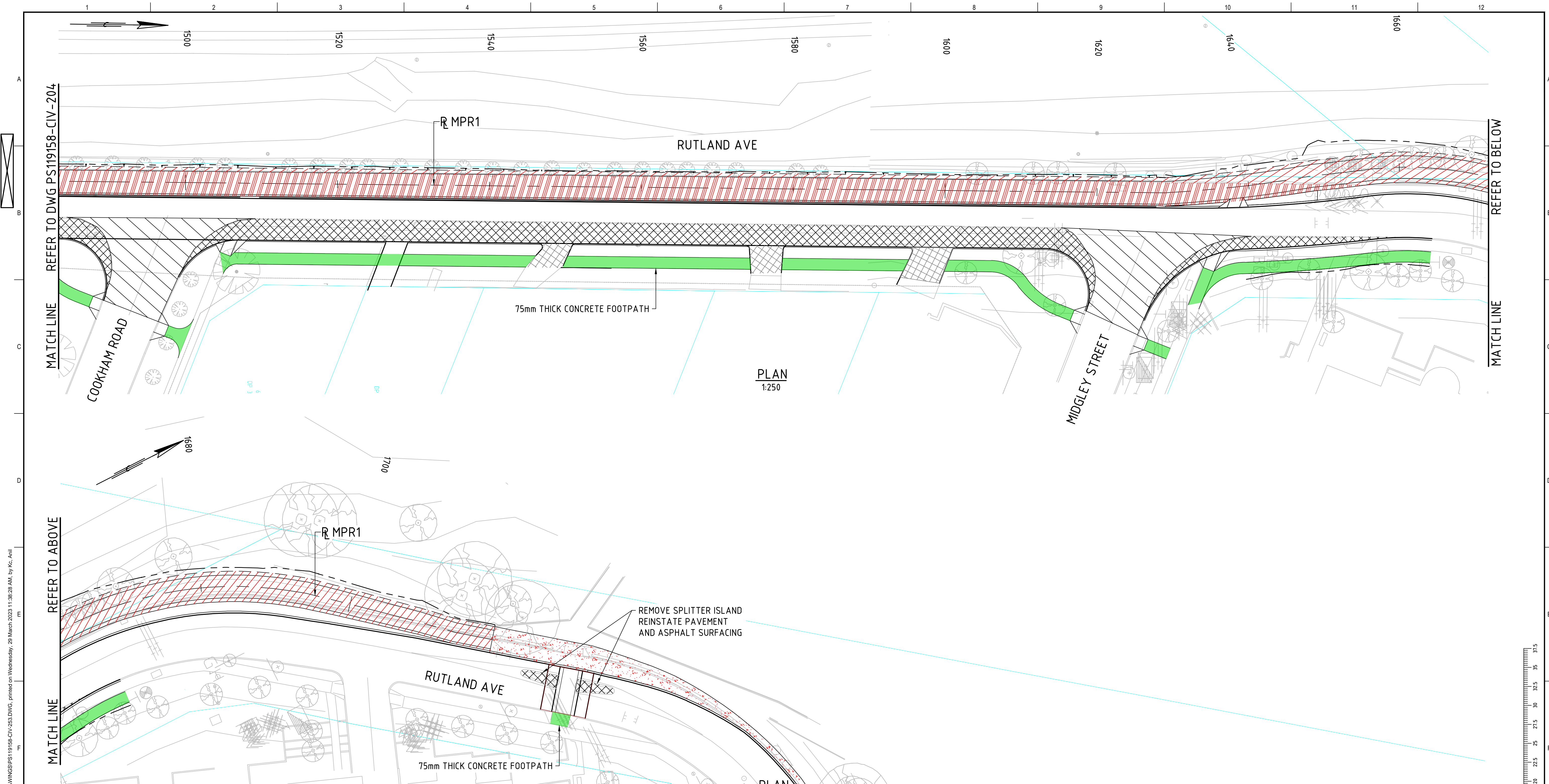


THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

10.03.2023 MY AKC ISSUED FOR 100% DESIGN ISSUED FOR 100% DESIGN REVIEW		RE LD APPD PCG94 AHD		REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING APPROVED SIGNED: DATE: RREQ:		Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		CLIENT: TOWN OF VICTORIA PARK		PROJECT: RUTLAND AVENUE SHARED PATH PACKAGE 2 PAVEMENT PLANS SHEET 3 OF 4		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION	
DESIGNED:	C. BAILEY	CHECKED:	R. ENGELBRECHT	APPROVED:	L. DAWSON	PROJECT NO.:	PS119158	DRAWN:	A.KC	DATE:	10.03.2023	DRAWING NO: PS119158 - CIV - 252		REV:	B

File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-252.dwg, 29 March 2023 11:38:03 AM, by Kc. Akl

1:250
0 2.5m 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5



- NOTES**
1. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
 2. WOMBAT CROSSING ARE TO BE RED ASPHALT WITH SHARK TEETH PAVEMENT MARKINGS IN ACCORDANCE WITH MRWA DRAWINGS 202231-3006 AND 202131-0030.
 3. FOR NEW ROAD PAVEMENT AND SHARED PATH NEW PAVEMENT REFER TO DRAWING PS119158-CIV-114.
 4. NEW BRICK PAVING IS TO BE HERRINGBONE PATTERN IN ACCORDANCE WITH MRWA DRAWING No. 200331-0154.
 5. BRICK PAVING COLOUR TO BE SIMILAR TO EXISTING.

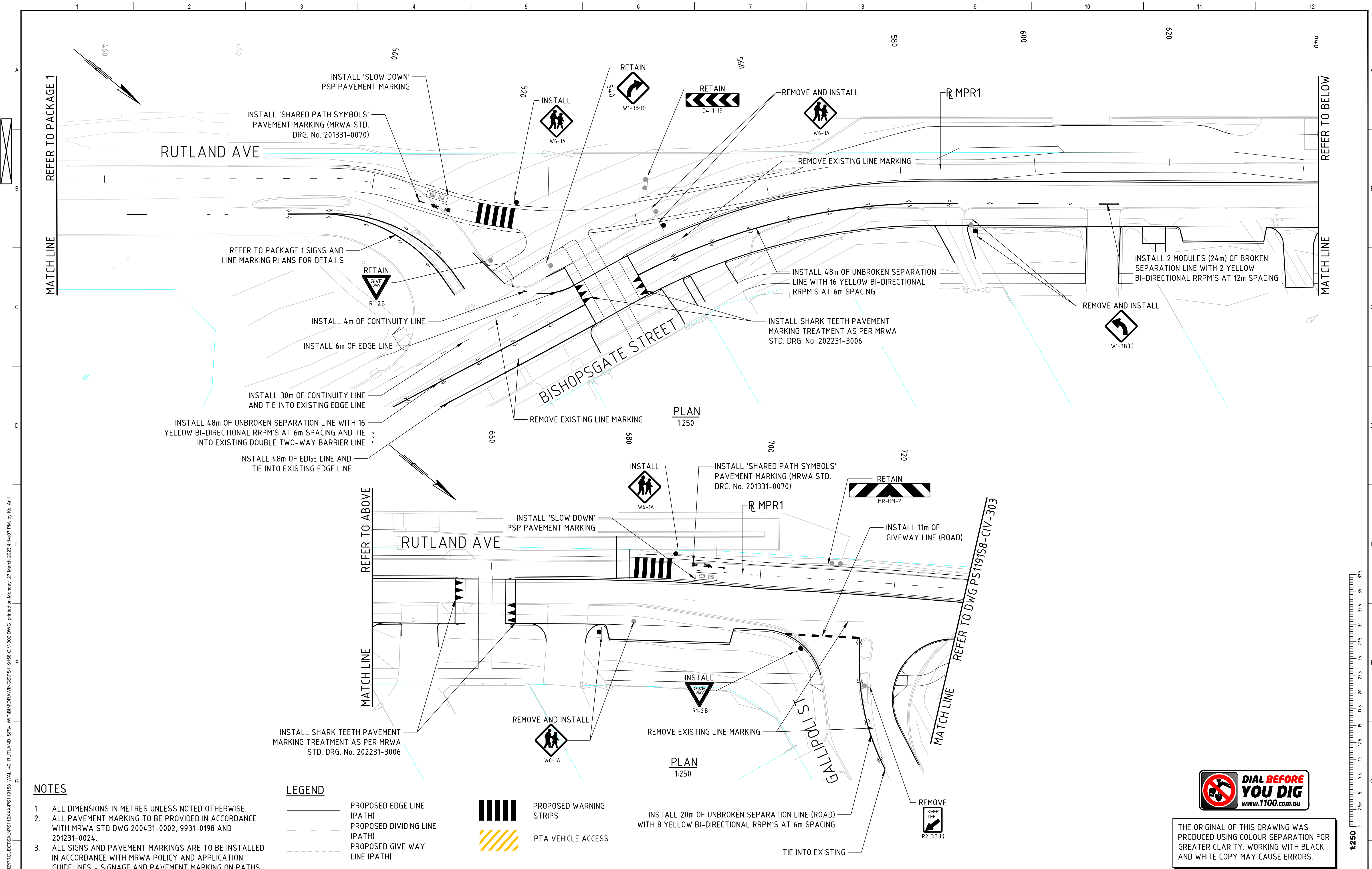
LEGEND

	REFERENCE LINE		NEW ROAD PAVEMENT
	CADASTRAL BOUNDARY		ROAD TO BE RESURFACED
	SURVEY		DRIVEWAY REINSTATEMENT
	PACKAGE 1 DESIGN		NEW BRICK PAVING
	ASPHALT SHARED PATH NEW PAVEMENT		EXISTING BRICK PAVING
	ASPHALT SHARED PATH TO BE RESURFACED		WOMBAT CROSSING
	CONCRETE SHARED PATH		
	NEW CONCRETE FOOTPATH		

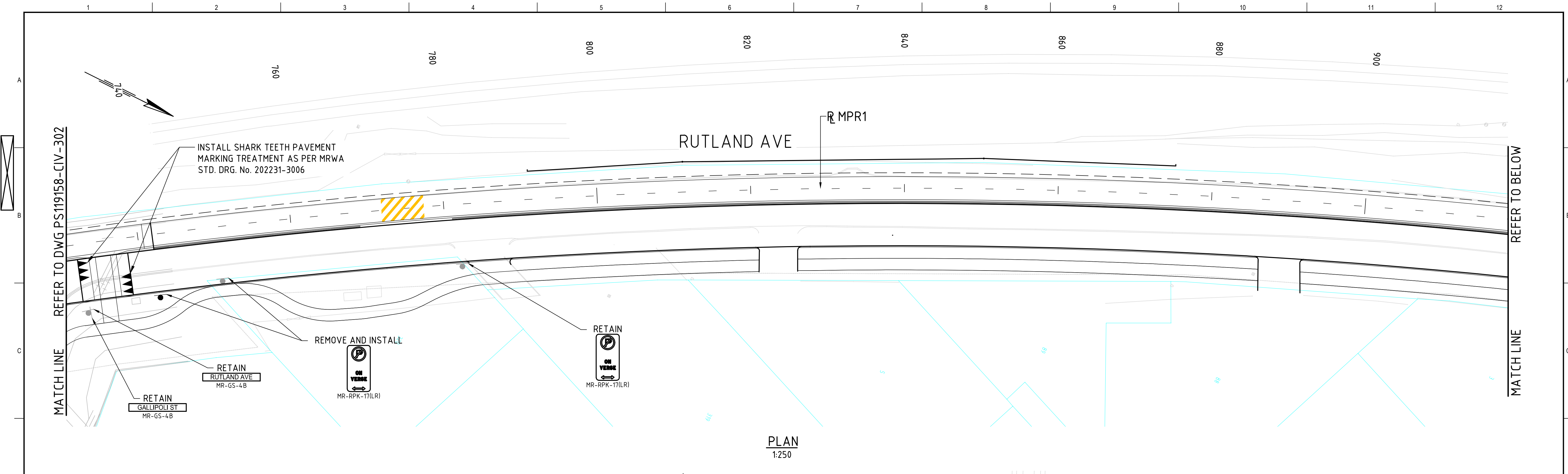


THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

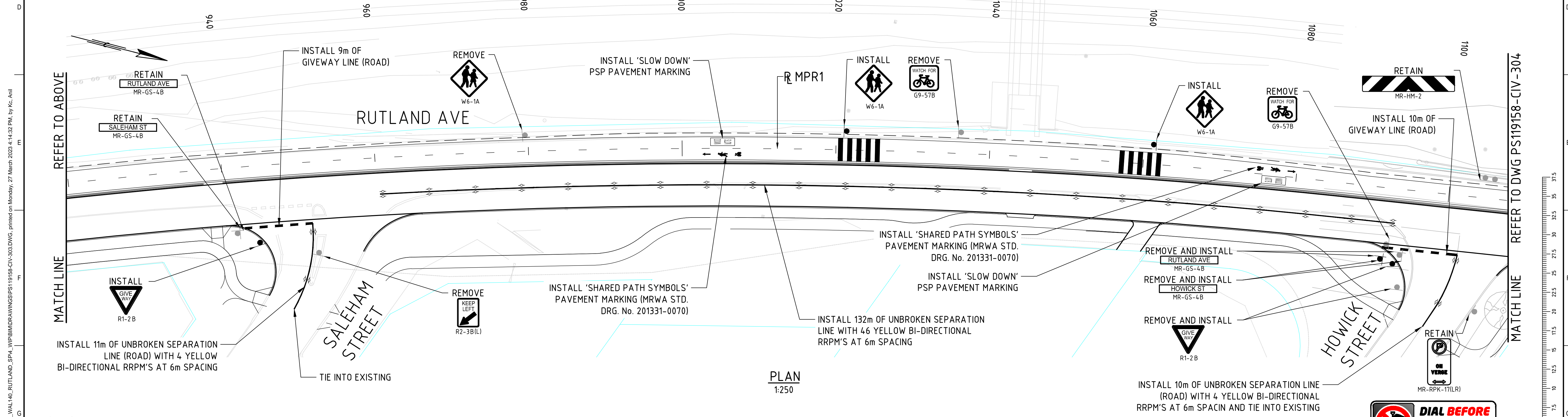
B 10.03.2023 MY ARK ISSUED FOR 100% DESIGN A 10.03.2023 MY ARK ISSUED FOR 100% DESIGN REVIEW		RE LD APPD		REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK		SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING		 Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		CLIENT: 		PROJECT: RUTLAND AVENUE SHARED PATH		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION			
REV	DATE	BY	DESCRIPTION	CHK	APPD	SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		SIGNED: APPROVED DATE: RREQ:		TITLE: RUTLAND AVENUE PACKAGE 2 PAVEMENT PLANS SHEET 4 OF 4		DESIGNED: C. BAILEY PROJECT NO: PS119158 DRAWING NO: PS119158 - CIV - 253		CHECKED: R. ENGELBRECHT DRAWN: A.K.C. DATE: 10.03.2023		APPROVED: L. DAWSON REV:	



NOTES 1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE. 2. ALL PAVEMENT MARKING TO BE PROVIDED IN ACCORDANCE WITH MRWA STD DWG 200431-0002, 9931-0198 AND 201231-0024. 3. ALL SIGNS AND PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH MRWA POLICY AND APPLICATION GUIDELINES - SIGNAGE AND PAVEMENT MARKING ON PATHS.		LEGEND ——— PROPOSED EDGE LINE (PATH) - - - - - PROPOSED DIVIDING LINE (PATH) - - - - - PROPOSED GIVE WAY LINE (PATH)		PROPOSED WARNING STRIPS PTA VEHICLE ACCESS		A1 ORIGINAL DO NOT SCALE THIS DRAWING APPROVED SIGNED: _____ DATE: _____ RREQ: _____		 Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com		CLIENT: VICTORIA PARK		PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 SIGNS AND LINEMARKING PLAN SHEET 1 OF 4		DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT PROJECT NO: PS119158 DRAWN: C. BAILEY DATE: 10.03.2023 DRAWING NO: PS119158 - CIV - 302 REV: B							
REFERENCE COORDINATION DRAWINGS <table border="1"> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		DESCRIPTION	DRAWING NO.	REV	CHK					SCALES .		SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		© WSP Australia Pty Ltd.		RUTLAND AVENUE SHARED PATH		100% DESIGN NOT FOR CONSTRUCTION		PS119158 - CIV - 302	
DESCRIPTION	DRAWING NO.	REV	CHK																		



PLAN
1:250



PLAN
1:250

- NOTES**
- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - ALL PAVEMENT MARKING TO BE PROVIDED IN ACCORDANCE WITH MRWA STD DWG 200431-0002, 9931-0198 AND 201231-0024.
 - ALL SIGNS AND PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH MRWA POLICY AND APPLICATION GUIDELINES - SIGNAGE AND PAVEMENT MARKING ON PATHS.

LEGEND

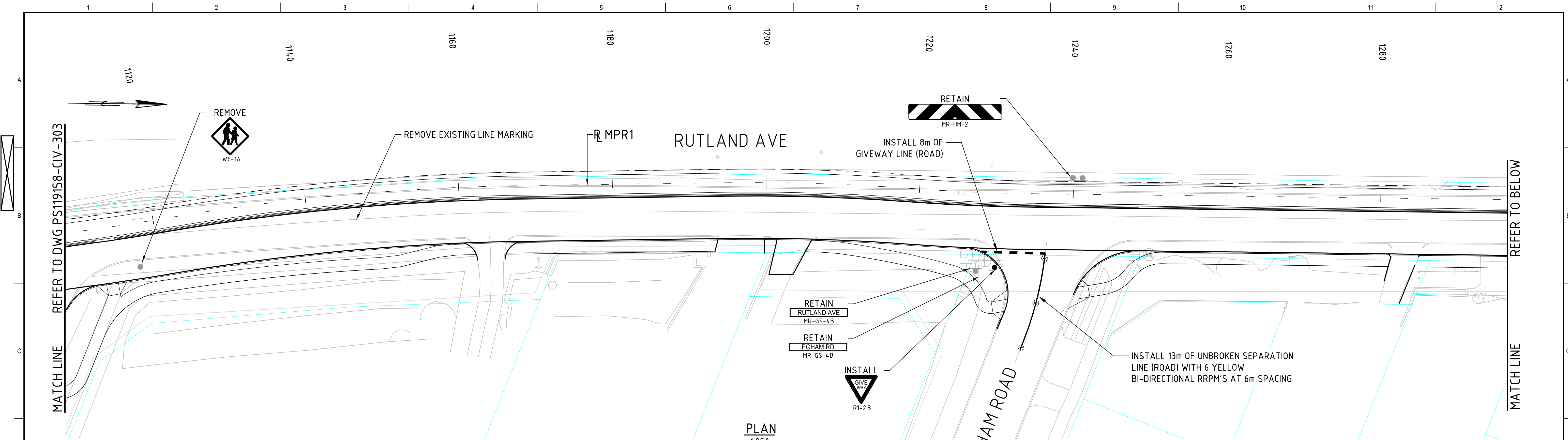
	PROPOSED EDGE LINE (PATH)
	PROPOSED DIVIDING LINE (PATH)
	PROPOSED GIVE WAY LINE (PATH)

	PROPOSED WARNING STRIPS
	PTA VEHICLE ACCESS

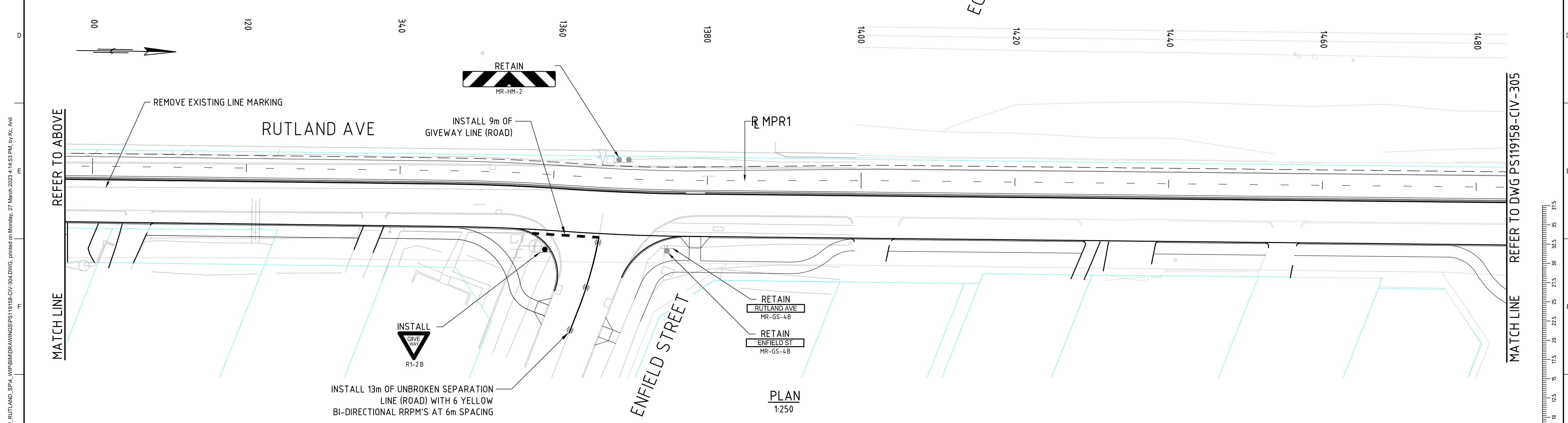


THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

<p>10.03.2023 FW ISSUED FOR 100% DESIGN</p> <p>20.10.2020 CB ISSUED FOR 85% REVIEW</p>		<p>RE LD</p>		<p>REFERENCE COORDINATION DRAWINGS</p> <table border="1"> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		DESCRIPTION	DRAWING NO.	REV	CHK					<p>SCALES</p>		<p>A1 ORIGINAL DO NOT SCALE THIS DRAWING</p> <p>APPROVED</p> <p>SIGNED: _____</p> <p>DATE: _____ RREQ: _____</p>		<p>CLIENT: </p> <p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<p>PROJECT: RUTLAND AVENUE SHARED PATH</p> <p>TITLE: RUTLAND AVENUE PACKAGE 2 SIGNS AND LINEMARKING PLAN SHEET 2 OF 4</p>		<p>DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION</p> <table border="1"> <tr> <td>DESIGNED: C. BAILEY</td> <td>CHECKED: R. ENGELBRECHT</td> <td>APPROVED: L. DAWSON</td> </tr> <tr> <td>PROJECT NO: PS119158</td> <td>DRAWN: C. BAILEY</td> <td>DATE: 10.03.2023</td> </tr> </table>		DESIGNED: C. BAILEY	CHECKED: R. ENGELBRECHT	APPROVED: L. DAWSON	PROJECT NO: PS119158	DRAWN: C. BAILEY	DATE: 10.03.2023
DESCRIPTION	DRAWING NO.	REV	CHK																										
DESIGNED: C. BAILEY	CHECKED: R. ENGELBRECHT	APPROVED: L. DAWSON																											
PROJECT NO: PS119158	DRAWN: C. BAILEY	DATE: 10.03.2023																											
<p>REV DATE BY DESCRIPTION CHK APPD</p>				<p>HORIZONTAL DATUM: PCG94</p> <p>VERTICAL DATUM: AHD</p>		<p>© WSP Australia Pty Ltd.</p>		<p>PS119158 - CIV - 303</p>		<p>B</p>																			



PLAN
1:250



PLAN
1:250

- NOTES**
- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - ALL PAVEMENT MARKING TO BE PROVIDED IN ACCORDANCE WITH MRWA STD DWG 200431-0002, 9931-0198 AND 201231-0024.
 - ALL SIGNS AND PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH MRWA POLICY AND APPLICATION GUIDELINES - SIGNAGE AND PAVEMENT MARKING ON PATHS.

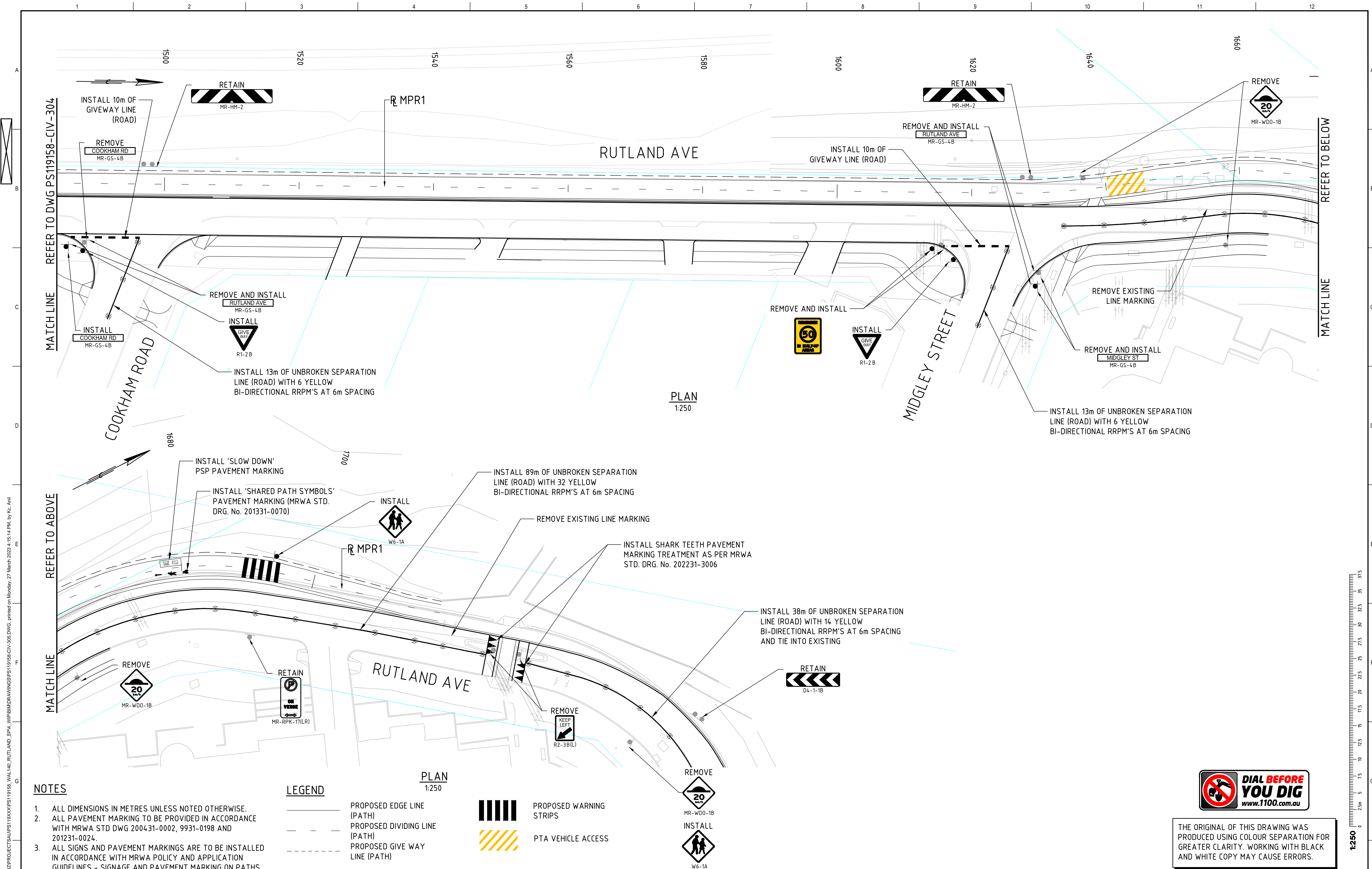
LEGEND

	PROPOSED EDGE LINE (PATH)		PROPOSED WARNING STRIPS
	PROPOSED DIVIDING LINE (PATH)		PTA VEHICLE ACCESS
	PROPOSED GIVE WAY LINE (PATH)		



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

B 10.03.2023 A 20.10.2020 REV DATE BY DESCRIPTION CHK APPD	FW CB ISSUED FOR 100% DESIGN ISSUED FOR 85% REVIEW	RE LD SURVEY DATUM HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD	SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING APPROVED SIGNED: _____ DATE: _____ RREQ: _____	 Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com	CLIENT: 	PROJECT: RUTLAND AVENUE SHARED PATH	DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION
						TITLE: RUTLAND AVENUE PACKAGE 2 SIGNS AND LINEMARKING PLAN SHEET 3 OF 4	DESIGNED: C. BAILEY PROJECT NO: PS119158 DRAWING NO: PS119158 - CIV - 304



PLAN
1:250

PLAN
1:250

- NOTES**
- ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 - ALL PAVEMENT MARKING TO BE PROVIDED IN ACCORDANCE WITH MRWA STD DWG 200431-0002, 9931-0198 AND 201231-0024.
 - ALL SIGNS AND PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH MRWA POLICY AND APPLICATION GUIDELINES - SIGNAGE AND PAVEMENT MARKING ON PATHS.

LEGEND

	PROPOSED EDGE LINE (PATH)
	PROPOSED DIVIDING LINE (PATH)
	PROPOSED GIVE WAY LINE (PATH)

- | | |
|--|-------------------------|
| | PROPOSED WARNING STRIPS |
| | PTA VEHICLE ACCESS |



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td>B</td> <td>10.03.2023</td> <td>FW</td> <td>ISSUED FOR 100% DESIGN</td> <td>RE</td> </tr> <tr> <td>A</td> <td>20.10.2020</td> <td>MY</td> <td>ISSUED FOR 85% REVIEW</td> <td>LD</td> </tr> </table>		REV	DATE	DESCRIPTION	CHK	APPD	B	10.03.2023	FW	ISSUED FOR 100% DESIGN	RE	A	20.10.2020	MY	ISSUED FOR 85% REVIEW	LD	<table border="1"> <tr> <th colspan="4">REFERENCE COORDINATION DRAWINGS</th> </tr> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td colspan="4">SURVEY DATUM</td> </tr> <tr> <td colspan="2">HORIZONTAL DATUM:</td> <td colspan="2">VERTICAL DATUM:</td> </tr> <tr> <td colspan="2">PCG94</td> <td colspan="2">AHD</td> </tr> </table>		REFERENCE COORDINATION DRAWINGS				DESCRIPTION	DRAWING NO.	REV	CHK	SURVEY DATUM				HORIZONTAL DATUM:		VERTICAL DATUM:		PCG94		AHD		<table border="1"> <tr> <th colspan="2">A1 ORIGINAL</th> </tr> <tr> <td colspan="2">DO NOT SCALE THIS DRAWING</td> </tr> <tr> <td colspan="2">APPROVED</td> </tr> <tr> <td>SIGNED:</td> <td>RPEQ:</td> </tr> <tr> <td>DATE:</td> <td></td> </tr> </table>		A1 ORIGINAL		DO NOT SCALE THIS DRAWING		APPROVED		SIGNED:	RPEQ:	DATE:		<p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com</p>		<table border="1"> <tr> <td colspan="2">CLIENT:</td> </tr> <tr> <td colspan="2"></td> </tr> </table>		CLIENT:				<table border="1"> <tr> <td colspan="2">PROJECT:</td> </tr> <tr> <td colspan="2">RUTLAND AVENUE SHARED PATH</td> </tr> <tr> <td colspan="2">TITLE:</td> </tr> <tr> <td colspan="2">RUTLAND AVENUE PACKAGE 2 SIGNS AND LINEMARKING PLAN SHEET 4 OF 4</td> </tr> </table>		PROJECT:		RUTLAND AVENUE SHARED PATH		TITLE:		RUTLAND AVENUE PACKAGE 2 SIGNS AND LINEMARKING PLAN SHEET 4 OF 4		<table border="1"> <tr> <td colspan="3">DRAWING STATUS:</td> </tr> <tr> <td colspan="3">100% DESIGN NOT FOR CONSTRUCTION</td> </tr> <tr> <td>DESIGNED:</td> <td>CHECKED:</td> <td>APPROVED:</td> </tr> <tr> <td>C. BAILEY</td> <td>R. ENGELBRECHT</td> <td>L. DAWSON</td> </tr> <tr> <td>PROJECT NO:</td> <td>DRAWN:</td> <td>DATE:</td> </tr> <tr> <td>PS119158</td> <td>M. YVON</td> <td>10.03.2023</td> </tr> <tr> <td colspan="2">DRAWING NO:</td> <td>REV:</td> </tr> <tr> <td colspan="2">PS119158 - CIV - 305</td> <td>B</td> </tr> </table>		DRAWING STATUS:			100% DESIGN NOT FOR CONSTRUCTION			DESIGNED:	CHECKED:	APPROVED:	C. BAILEY	R. ENGELBRECHT	L. DAWSON	PROJECT NO:	DRAWN:	DATE:	PS119158	M. YVON	10.03.2023	DRAWING NO:		REV:	PS119158 - CIV - 305		B
REV	DATE	DESCRIPTION	CHK	APPD																																																																																										
B	10.03.2023	FW	ISSUED FOR 100% DESIGN	RE																																																																																										
A	20.10.2020	MY	ISSUED FOR 85% REVIEW	LD																																																																																										
REFERENCE COORDINATION DRAWINGS																																																																																														
DESCRIPTION	DRAWING NO.	REV	CHK																																																																																											
SURVEY DATUM																																																																																														
HORIZONTAL DATUM:		VERTICAL DATUM:																																																																																												
PCG94		AHD																																																																																												
A1 ORIGINAL																																																																																														
DO NOT SCALE THIS DRAWING																																																																																														
APPROVED																																																																																														
SIGNED:	RPEQ:																																																																																													
DATE:																																																																																														
CLIENT:																																																																																														
PROJECT:																																																																																														
RUTLAND AVENUE SHARED PATH																																																																																														
TITLE:																																																																																														
RUTLAND AVENUE PACKAGE 2 SIGNS AND LINEMARKING PLAN SHEET 4 OF 4																																																																																														
DRAWING STATUS:																																																																																														
100% DESIGN NOT FOR CONSTRUCTION																																																																																														
DESIGNED:	CHECKED:	APPROVED:																																																																																												
C. BAILEY	R. ENGELBRECHT	L. DAWSON																																																																																												
PROJECT NO:	DRAWN:	DATE:																																																																																												
PS119158	M. YVON	10.03.2023																																																																																												
DRAWING NO:		REV:																																																																																												
PS119158 - CIV - 305		B																																																																																												

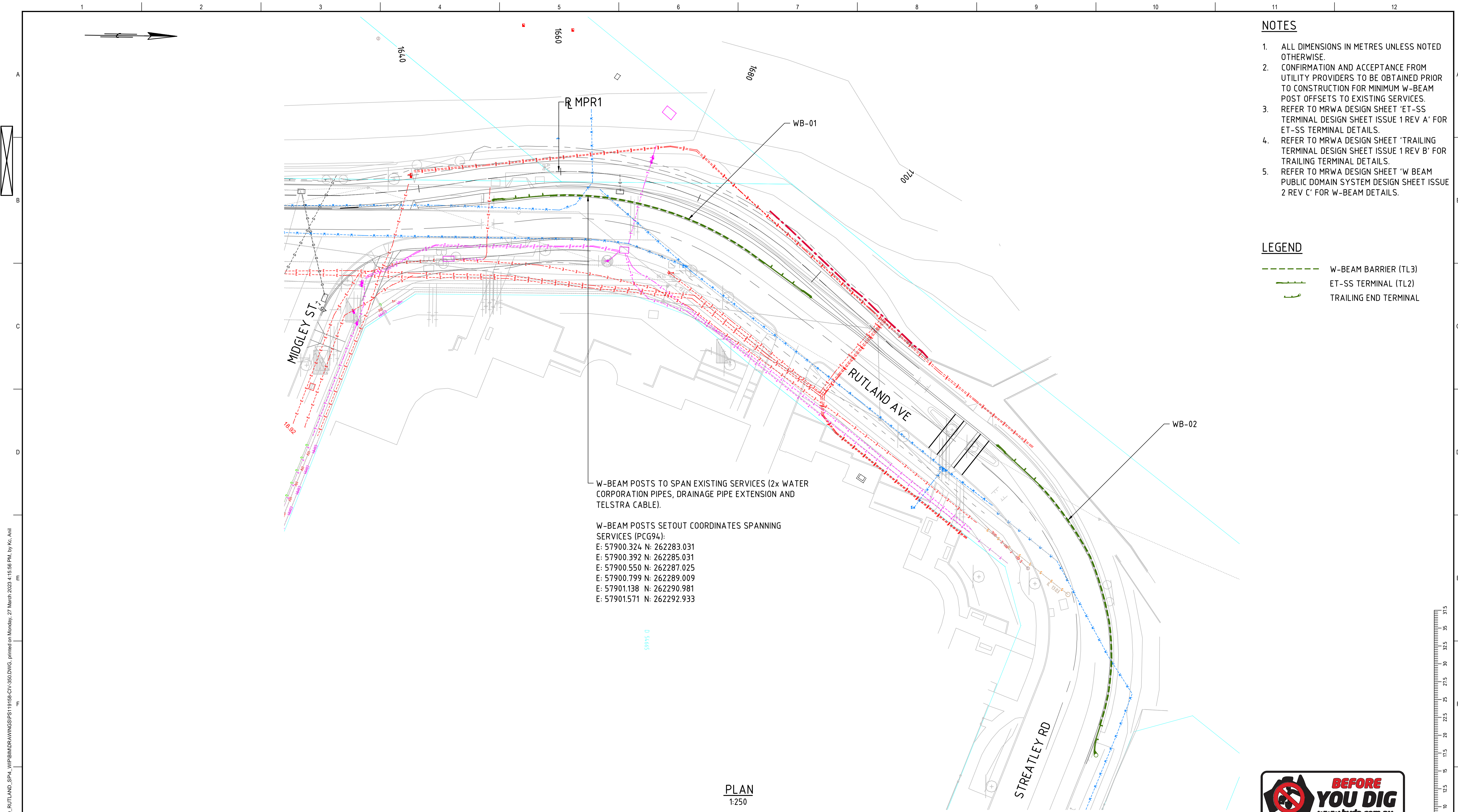
File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-305.dwg, printed on Monday, 27 March 2023 4:15:14 PM by Kc, Anil

1:250
0 2.5m 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5

REFER TO BELOW
MATCH LINE

MATCH LINE
REFER TO DWG PS119158-CIV-304

REFER TO ABOVE
MATCH LINE



- NOTES**
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. CONFIRMATION AND ACCEPTANCE FROM UTILITY PROVIDERS TO BE OBTAINED PRIOR TO CONSTRUCTION FOR MINIMUM W-BEAM POST OFFSETS TO EXISTING SERVICES.
 3. REFER TO MRWA DESIGN SHEET 'ET-SS TERMINAL DESIGN SHEET ISSUE 1 REV A' FOR ET-SS TERMINAL DETAILS.
 4. REFER TO MRWA DESIGN SHEET 'TRAILING TERMINAL DESIGN SHEET ISSUE 1 REV B' FOR TRAILING TERMINAL DETAILS.
 5. REFER TO MRWA DESIGN SHEET 'W BEAM PUBLIC DOMAIN SYSTEM DESIGN SHEET ISSUE 2 REV C' FOR W-BEAM DETAILS.

- LEGEND**
- W-BEAM BARRIER (TL3)
 - ET-SS TERMINAL (TL2)
 - TRAILING END TERMINAL

W-BEAM POSTS TO SPAN EXISTING SERVICES (2x WATER CORPORATION PIPES, DRAINAGE PIPE EXTENSION AND TELSTRA CABLE).

W-BEAM POSTS SETOUT COORDINATES SPANNING SERVICES (PCG94):
 E: 57900.324 N: 262283.031
 E: 57900.392 N: 262285.031
 E: 57900.550 N: 262287.025
 E: 57900.799 N: 262289.009
 E: 57901.138 N: 262290.981
 E: 57901.571 N: 262292.933

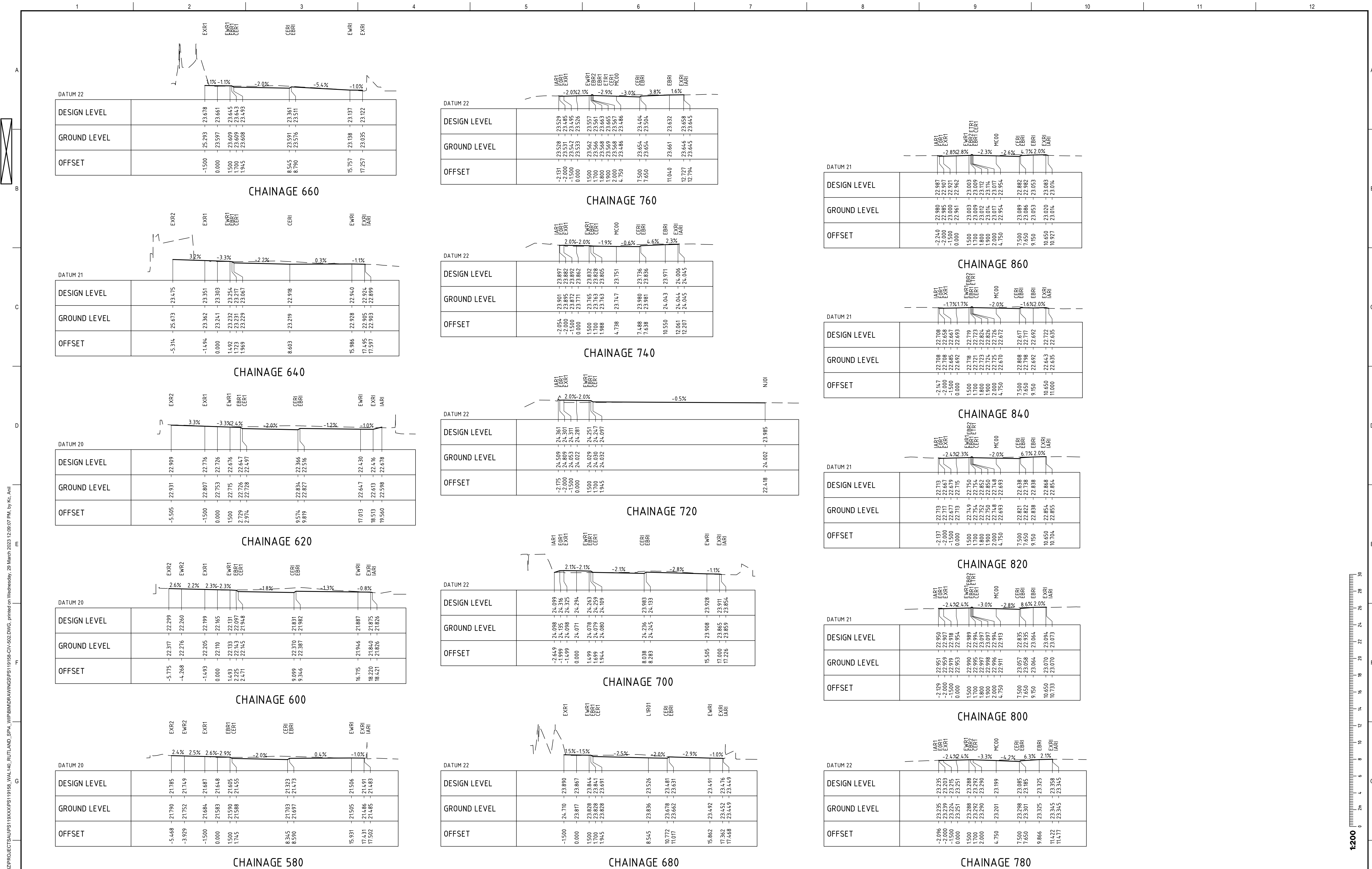
PLAN
1:250

BARRIER SCHEDULE							
BARRIER ID	BARRIER TYPE	APPROACH TERMINAL	APPROACH POINT OF NEED		DEPARTURE TERMINAL	DEPARTURE POINT OF NEED	BARRIER LENGTH (m)
WB-01	W-BEAM	ET-SS TERMINAL (TL2)	E: 57900.671	N: 262276.752	ET-SS TERMINAL (TL2)	E: 57911.261 N: 262312.382	32
WB-02	W-BEAM	ET-SS TERMINAL (TL2)	E: 57938.126	N: 262346.661	TRAILING TERMINAL	E: 57970.003 N: 262358.524	36



THE ORIGINAL OF THIS DRAWING WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY. WORKING WITH BLACK AND WHITE COPY MAY CAUSE ERRORS.

A 10.03.2023 MY ISSUED FOR 100% DESIGN RE LD	REFERENCE COORDINATION DRAWINGS DESCRIPTION DRAWING NO. REV CHK	SCALES A1 ORIGINAL DO NOT SCALE THIS DRAWING APPROVED SIGNED: _____ DATE: _____ RREQ: _____	 Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9488 9700 Fax: +61 8 9426 4999 wsp.com	CLIENT: 	PROJECT: RUTLAND AVENUE SHARED PATH TITLE: RUTLAND AVENUE PACKAGE 2 BARRIER PLAN AND BARRIER SCHEDULE SHEET 1 OF 1	DRAWING STATUS: 100% DESIGN NOT FOR CONSTRUCTION	DESIGNED: F. WATERVOORT PROJECT NO: PS119158 DRAWING NO: PS119158 - CIV - 350	CHECKED: R. ENGELBRECHT DRAWN: M. YVON	APPROVED: L. DAWSON DATE: 10.03.2023	REV A

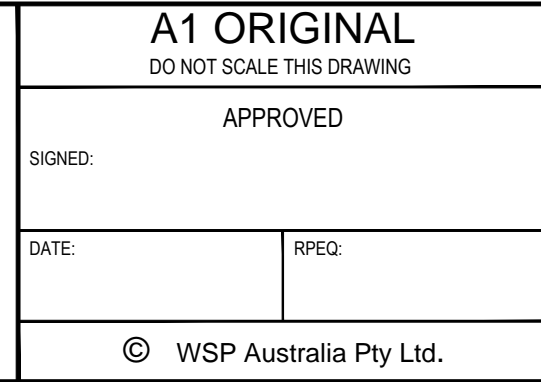


File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-502.DWG, printed on Wednesday, 29 March 2023 12:09:07 PM, by Kc. Anil

C	10.03.2023	MY	ISSUED FOR 100% DESIGN	RE	LD
B	25.01.2023	MY	ISSUED FOR INFORMATION ONLY	RE	LD
A	05.12.2020	CB	ISSUED FOR 85% REVIEW	RE	LD
REV	DATE	BY	DESCRIPTION	CHK	APPD

REFERENCE COORDINATION DRAWINGS			
DESCRIPTION	DRAWING NO.	REV	CHK
SURVEY DATUM			
HORIZONTAL DATUM: PCG94		VERTICAL DATUM: AHD	

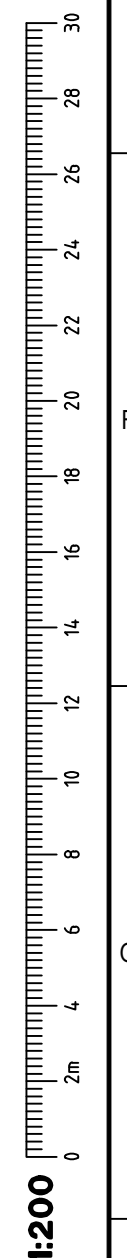
A1 ORIGINAL	
DO NOT SCALE THIS DRAWING	
APPROVED	
SIGNED:	
DATE:	RPO:
© WSP Australia Pty Ltd.	

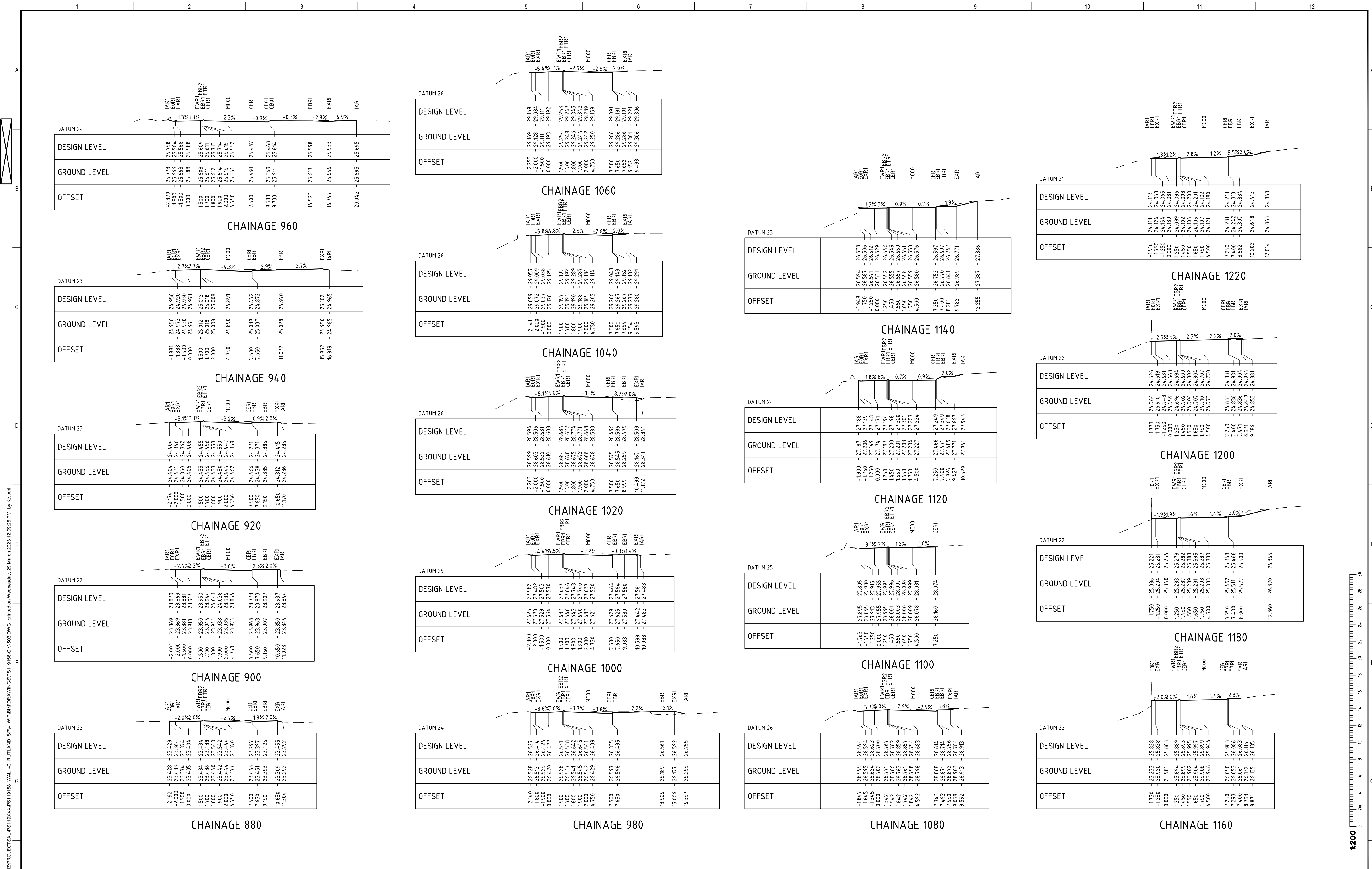


CLIENT:	RUTLAND AVENUE SHARED PATH
PROJECT:	RUTLAND AVENUE PACKAGE 2 CROSS SECTIONS CHA 580 TO CHA 860
TITLE:	

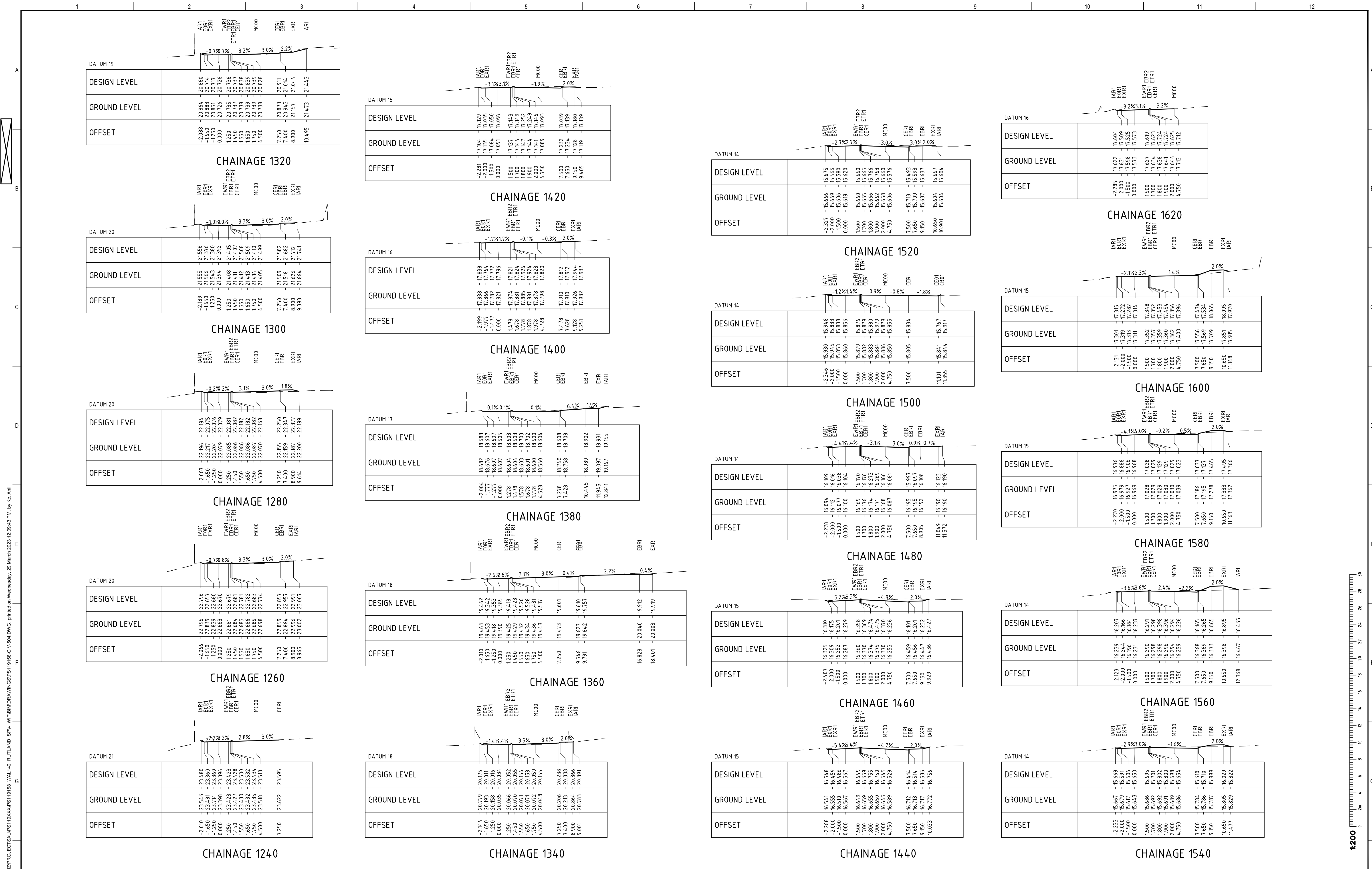
DESIGNED:	C. BAILEY	CHECKED:	R. ENGELBRECHT	APPROVED:	L. DAWSON
PROJECT NO.:	PS119158	DRAWN:	M. YVON	DATE:	10.03.2023
DRAWING NO.:	PS119158 - CIV - 502			REV:	C

DRAWING STATUS:		100% DESIGN	
		NOT FOR CONSTRUCTION	

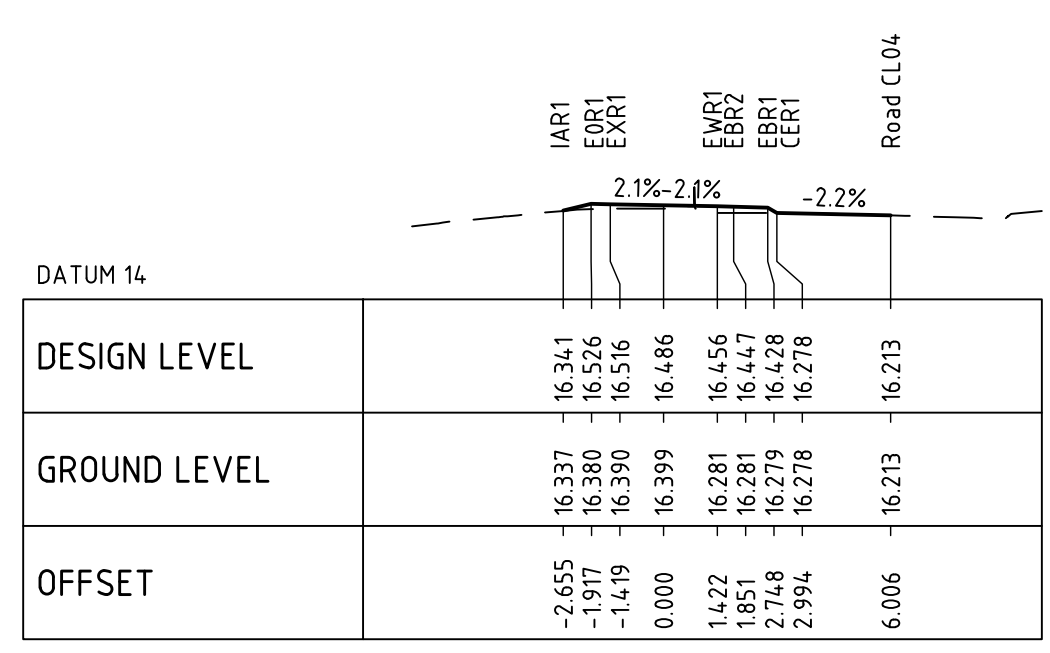




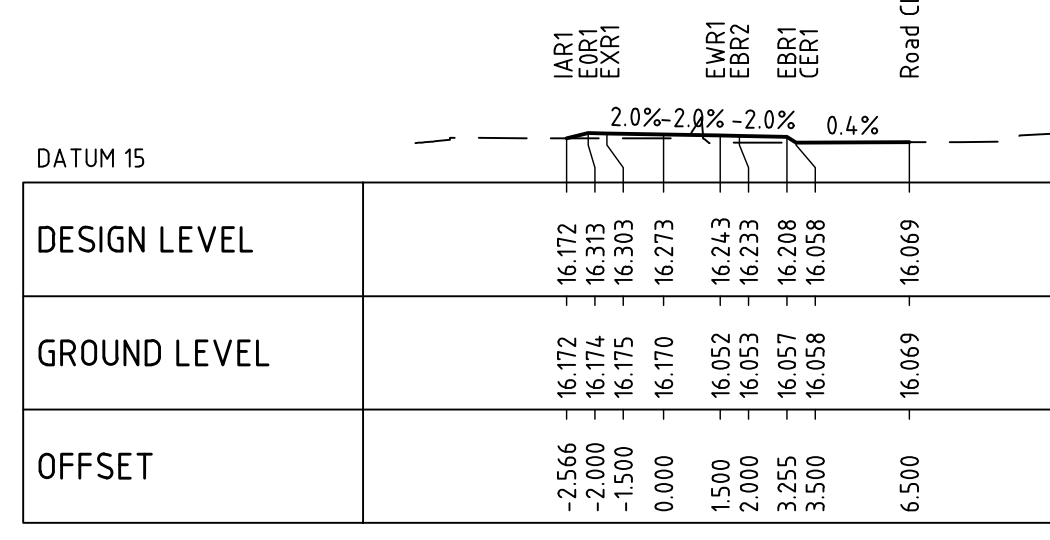
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REV	DATE	DESCRIPTION	CHK	APPD						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>		DATE	DESCRIPTION			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>CHK</th> <th>APPD</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REV	DATE	DESCRIPTION	CHK	APPD						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>		DATE	DESCRIPTION			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">REFERENCE COORDINATION DRAWINGS</th> </tr> <tr> <th>DESCRIPTION</th> <th>DRAWING NO.</th> <th>REV</th> <th>CHK</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REFERENCE COORDINATION DRAWINGS				DESCRIPTION	DRAWING NO.	REV	CHK					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">SURVEY DATUM</th> </tr> <tr> <td>HORIZONTAL DATUM:</td> <td>PCG94</td> </tr> <tr> <td>VERTICAL DATUM:</td> <td>AHD</td> </tr> </table>		SURVEY DATUM		HORIZONTAL DATUM:	PCG94	VERTICAL DATUM:	AHD	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">A1 ORIGINAL</th> </tr> <tr> <td colspan="2">DO NOT SCALE THIS DRAWING</td> </tr> <tr> <td colspan="2">APPROVED</td> </tr> <tr> <td>SIGNED:</td> <td> </td> </tr> <tr> <td>DATE:</td> <td> </td> </tr> <tr> <td>REQ:</td> <td> </td> </tr> </table>		A1 ORIGINAL		DO NOT SCALE THIS DRAWING		APPROVED		SIGNED:		DATE:		REQ:		<p>Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com.au</p>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>CLIENT:</td> <td> </td> </tr> <tr> <td>PROJECT:</td> <td>RUTLAND AVENUE SHARED PATH</td> </tr> <tr> <td>TITLE:</td> <td>RUTLAND AVENUE PACKAGE 2 CROSS SECTIONS CHA 880 TO CHA 1220</td> </tr> </table>		CLIENT:		PROJECT:	RUTLAND AVENUE SHARED PATH	TITLE:	RUTLAND AVENUE PACKAGE 2 CROSS SECTIONS CHA 880 TO CHA 1220	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="3">DRAWING STATUS:</td> </tr> <tr> <td colspan="3" style="text-align: center;">100% DESIGN NOT FOR CONSTRUCTION</td> </tr> <tr> <td>DESIGNED:</td> <td>C. BAILEY</td> <td>CHECKED:</td> <td>R. ENGELBRECHT</td> <td>APPROVED:</td> <td>L. DAWSON</td> </tr> <tr> <td>PROJECT NO.:</td> <td>PS119158</td> <td>DRAWN:</td> <td>M. YVON</td> <td>DATE:</td> <td>10.03.2024</td> </tr> <tr> <td colspan="5" style="text-align: center;">DRAWING NO. PS119158 - CIV - 503</td> <td style="text-align: center;">C</td> </tr> </table>		DRAWING STATUS:			100% DESIGN NOT FOR CONSTRUCTION			DESIGNED:	C. BAILEY	CHECKED:	R. ENGELBRECHT	APPROVED:	L. DAWSON	PROJECT NO.:	PS119158	DRAWN:	M. YVON	DATE:	10.03.2024	DRAWING NO. PS119158 - CIV - 503					C
		REV	DATE	DESCRIPTION	CHK	APPD																																																																																																					
DATE	DESCRIPTION																																																																																																										
REV	DATE	DESCRIPTION	CHK	APPD																																																																																																							
DATE	DESCRIPTION																																																																																																										
REFERENCE COORDINATION DRAWINGS																																																																																																											
DESCRIPTION	DRAWING NO.	REV	CHK																																																																																																								
SURVEY DATUM																																																																																																											
HORIZONTAL DATUM:	PCG94																																																																																																										
VERTICAL DATUM:	AHD																																																																																																										
A1 ORIGINAL																																																																																																											
DO NOT SCALE THIS DRAWING																																																																																																											
APPROVED																																																																																																											
SIGNED:																																																																																																											
DATE:																																																																																																											
REQ:																																																																																																											
CLIENT:																																																																																																											
PROJECT:	RUTLAND AVENUE SHARED PATH																																																																																																										
TITLE:	RUTLAND AVENUE PACKAGE 2 CROSS SECTIONS CHA 880 TO CHA 1220																																																																																																										
DRAWING STATUS:																																																																																																											
100% DESIGN NOT FOR CONSTRUCTION																																																																																																											
DESIGNED:	C. BAILEY	CHECKED:	R. ENGELBRECHT	APPROVED:	L. DAWSON																																																																																																						
PROJECT NO.:	PS119158	DRAWN:	M. YVON	DATE:	10.03.2024																																																																																																						
DRAWING NO. PS119158 - CIV - 503					C																																																																																																						



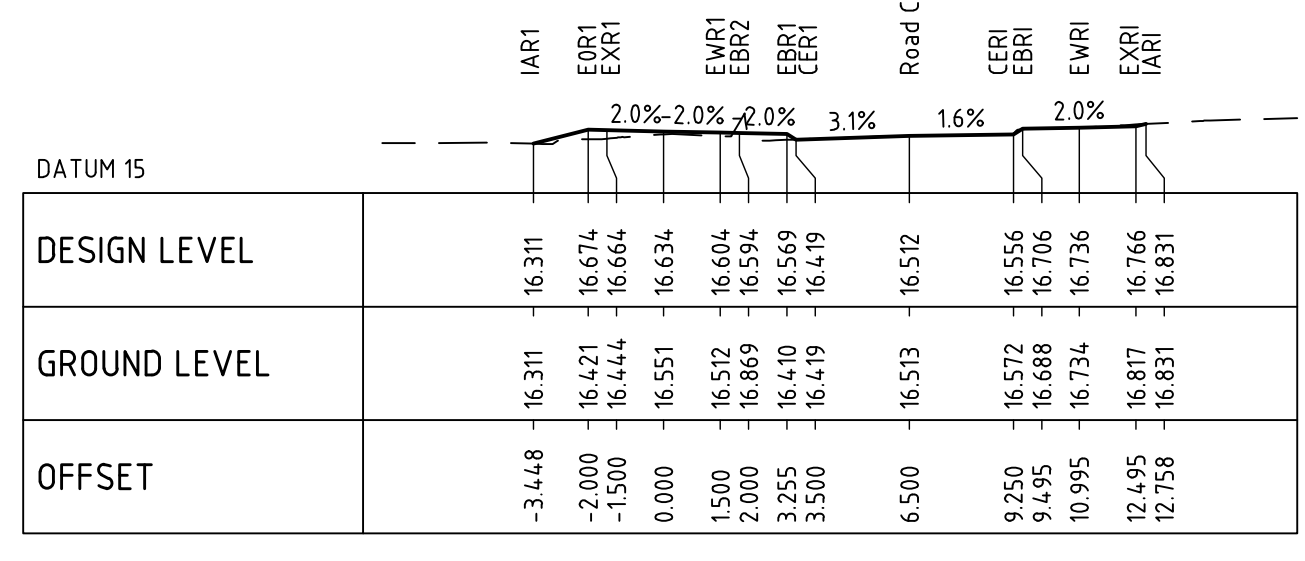
10.03.2023 25.01.2023 05.12.2020		MY CB	ISSUED FOR 100% DESIGN ISSUED FOR INFORMATION ONLY ISSUED FOR 85% REVIEW	RE LD	LD
REFERENCE COORDINATION DRAWINGS		DESCRIPTION DRAWING NO. REV CHK		SCALES	
SURVEY DATUM		HORIZONTAL DATUM: PCG94 VERTICAL DATUM: AHD		A1 ORIGINAL DO NOT SCALE THIS DRAWING	
APPROVED		SIGNED:		DATE: RREQ:	
© WSP Australia Pty Ltd.		CLIENT:		PROJECT:	
				RUTLAND AVENUE SHARED PATH	
Level 5, 503 Murray Street, Perth PO Box 7181, WA 6850, Australia Tel: +61 8 9489 9700 Fax: +61 8 9426 4999 wsp.com.au		TITLE:		DRAWING STATUS:	
RUTLAND AVENUE PACKAGE 2 CROSS SECTIONS CHA 1240 TO CHA 1600		100% DESIGN NOT FOR CONSTRUCTION		DESIGNED: C. BAILEY CHECKED: R. ENGELBRECHT APPROVED: L. DAWSON	
PROJECT NO: PS119158		DRAWN: M. YVON		DATE: 10.03.2025	
DRAWING NO:		PS119158 - CIV - 504		C	



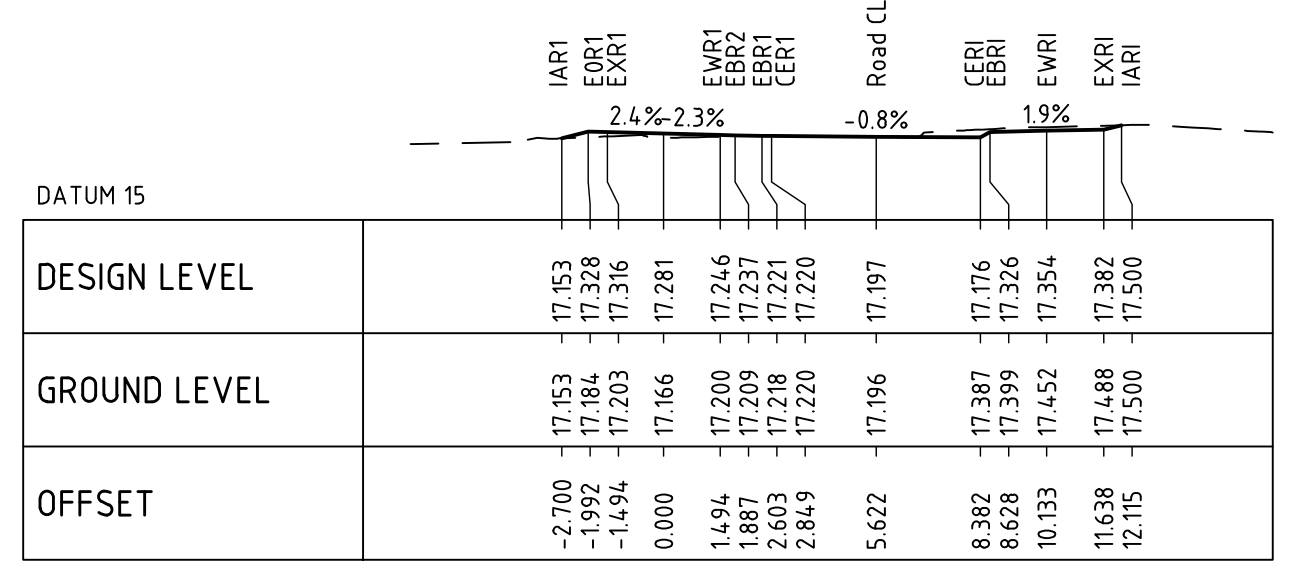
CHAINAGE 1700



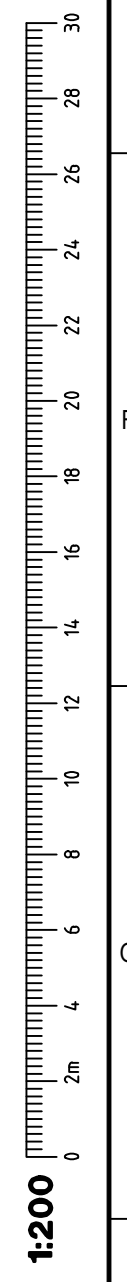
CHAINAGE 1680



CHAINAGE 1660



CHAINAGE 1640



File name: \\corp.pbwan.net\ANZ\ProjectsAU\PS119xxx\PS119158_WAL140_Rutland_SP4_WIP\BIM\DRAWINGS\PS119158-CIV-505.DWG, printed on Wednesday, 29 March 2023 12:10:00 PM, by Kc. Anil

REV	DATE	BY	DESCRIPTION	CHK	APPD
C	10.03.2023	MY	ISSUED FOR 100% DESIGN	RE	LD
B	10.03.2023	MY	ISSUED FOR 100% DESIGN	RE	LD
A	25.01.2023	MY	ISSUED FOR INFORMATION ONLY	RE	LD

REFERENCE COORDINATION DRAWINGS			
DESCRIPTION	DRAWING NO.	REV	CHK
SURVEY DATUM			
HORIZONTAL DATUM: PCG94		VERTICAL DATUM: AHD	

A1 ORIGINAL	
DO NOT SCALE THIS DRAWING	
APPROVED	
SIGNED:	
DATE:	RREQ:
© WSP Australia Pty Ltd.	

Level 5, 503 Murray Street, Perth
PO Box 7181, WA 6850, Australia
Tel: +61 8 9489 9700 Fax: +61 8 9426 4999
wsp.com

TOWN OF VICTORIA PARK

PROJECT:	RUTLAND AVENUE SHARED PATH
TITLE:	RUTLAND AVENUE PACKAGE 2 CROSS SECTIONS CHA 1620 TO CHA 1700

DRAWING STATUS:		
100% DESIGN NOT FOR CONSTRUCTION		
DESIGNED:	C. BAILEY	CHECKED:
PROJECT NO:	PS119158	DRAWN:
DRAWING NO:	PS119158 - CIV - 505	DATE:
APPROVED:	L. DAWSON	REV:
		C