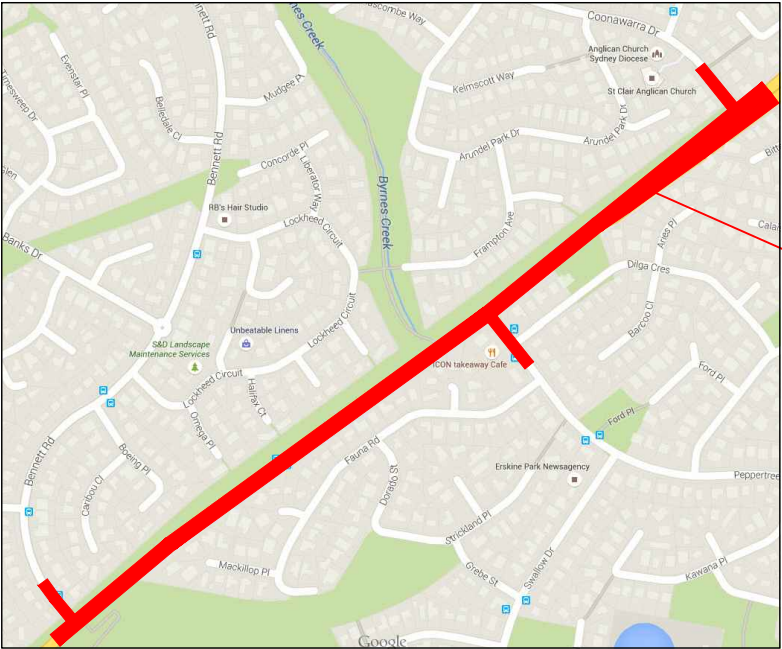
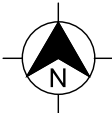


PENRITH CITY COUNCIL AREA
MR629 ERSKINE PARK ROAD
COONAWARRA DRIVE TO BENNETT ROAD
PROPOSED INTERSECTION UPGRADES

PART 2
CONCEPT DESIGN



Site of Works

LOCALITY PLAN

DISCIPLINE INDEX

CODE	DISCIPLINE
CDR-000	GENERAL
CDR-100	ROAD ALIGNMENT AND DETAIL
CDR-200	UTILITIES
CDR-300	STORM WATER MANAGEMENT
CDR-400	PAVEMENT
CDR-600	ROADSIDE FURNITURE AND LINEMARKING

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150mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME J:\110157\110157-CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-001.dwg		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		PLOT DATE / TIME 14/08/2015 4:41:00 PM	PLOT BY rchan	CLIENT PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE	A3
PREPARED BY J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DESIGNED SIGNED <i>[Signature]</i> NAME R.A.S.	REVIEWED SIGNED <i>[Signature]</i> NAME P.S.	VERIFIED SIGNED NAME	RMS PROJECT MANAGER NAME DATE VALIDATION AND ACCEPTANCE OF THESE DRAWINGS AND THE DESIGN SHOWN THEREON IS TO BE CARRIED OUT UNDER SEPARATE PROCESS		PREPARED FOR NSW GOVERNMENT Transport Roads & Maritime Services	RMS PROJECT No. DESIGN PROJECT No. SHEET OF RMS REGISTRATION No. DS2015/002540 ISSUE STATUS EDMS No. SHEET No. CDR-001 ISSUE B

AMENDMENT REGISTER

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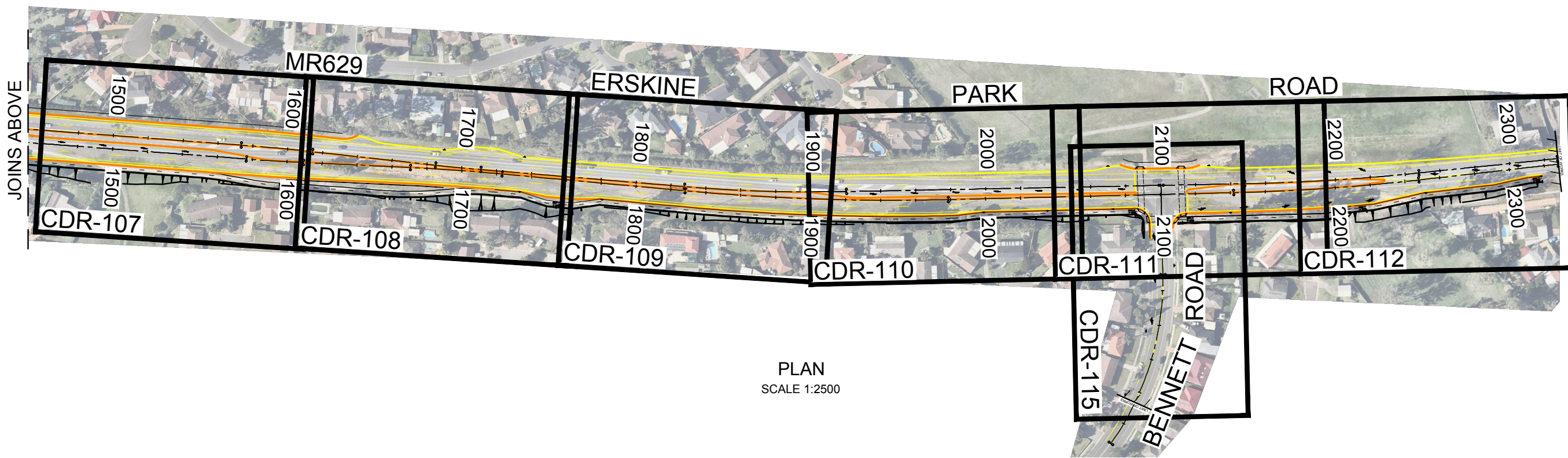
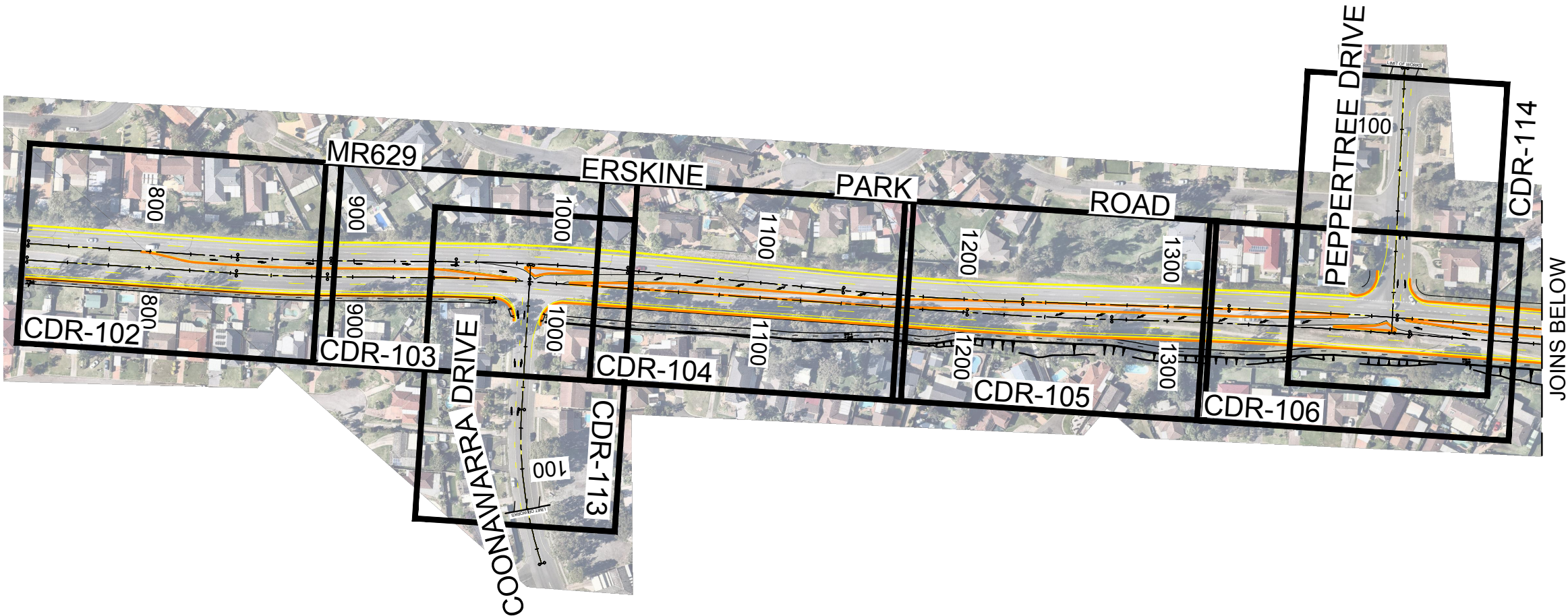
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				A		23/06/2015		FINAL ISSUE FOR STAKEHOLDER REVIEW				P.S.				J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au				DRAWN		R.C						ISSUE STATUS		EDMS No.		SHEET No.		CDR-002		ISSUE B	
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PLAN
SCALE 1:2500

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DRAWING FILE LOCATION / NAME J:\110157\RI01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-003.dwg						DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 4:41:28 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SITE PLAN & LOCALITY PLAN		A3														
EXTERNAL REFERENCE FILES						REV	DATE	AMENDMENT / REVISION DESCRIPTION			WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY			TITLE		NAME	DATE	 Transport Roads & Maritime Services	PREPARED FOR	RMS REGISTRATION No.		DS2015/002540		PART 2					
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															DESIGN				R.A.S.															
															DESIGN CHECK				P.S.															
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															PROJECT MNGR																			

DRAWING INDEX

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CDR-213	UTILITIES - PLAN	MCC0 CH. 0 TO CH. 120	B	13
CDR-214	UTILITIES - PLAN	MCP0 CH. 0 TO CH. 120	B	14
CDR-215	UTILITIES - PLAN	MCB0 CH. 0 TO CH. 120	B	15
			B	
CDR-301	DRAINAGE	GENERAL NOTES & SUPP. DRAWINGS	B	1
CDR-302	DRAINAGE - PLAN	MC00 - CH. 740 TO CH. 888.620	B	2
CDR-303	DRAINAGE - PLAN	MC00 - CH. 888.620 TO CH. 1034.405	B	3
CDR-304	DRAINAGE - PLAN	MC00 - CH. 1020 TO CH. 1160	B	4
CDR-305	DRAINAGE - PLAN	MC00 - CH. 1180 TO CH. 1320	B	5
CDR-306	DRAINAGE - PLAN	MC00 - CH. 1320 TO CH. 1460	B	6
CDR-307	DRAINAGE - PLAN	MC00 - CH. 1460 TO CH. 1609.324	B	7
CDR-308	DRAINAGE - PLAN	MC00 - CH. 1609.324 TO CH. 1760	B	8
CDR-309	DRAINAGE - PLAN	MC00 - CH. 1760 TO CH. 1900	B	9
CDR-310	DRAINAGE - PLAN	MC00 - CH. 1900 TO CH. 2040	B	10
CDR-311	DRAINAGE - PLAN	MC00 - CH. 2040 TO CH. 2180	B	11
CDR-312	DRAINAGE - PLAN	MC00 - CH. 2180 TO CH. 2327.377	B	12
CDR-313	DRAINAGE - PLAN	MCC0 CH. 0 TO CH. 120	B	13
CDR-314	DRAINAGE - PLAN	MCP0 CH. 0 TO CH. 120	B	14
CDR-315	DRAINAGE - PLAN	MCB0 CH. 0 TO CH. 120	B	15
			B	
CDR-401	PAVEMENT & PAVEMENT TYPE	GENERAL NOTES & SUPP. DRAWINGS	B	1
CDR-402	PAVEMENT - PLAN	MC00 - CH. 740 TO CH. 888.620	B	2
CDR-403	PAVEMENT - PLAN	MC00 - CH. 888.620 TO CH. 1034.405	B	3
CDR-404	PAVEMENT - PLAN	MC00 - CH. 1020 TO CH. 1160	B	4
CDR-405	PAVEMENT - PLAN	MC00 - CH. 1180 TO CH. 1320	B	5
CDR-406	PAVEMENT - PLAN	MC00 - CH. 1320 TO CH. 1460	B	6
CDR-407	PAVEMENT - PLAN	MC00 - CH. 1460 TO CH. 1609.324	B	7
CDR-408	PAVEMENT - PLAN	MC00 - CH. 1609.324 TO CH. 1760	B	8
CDR-409	PAVEMENT - PLAN	MC00 - CH. 1760 TO CH. 1900	B	9
CDR-410	PAVEMENT - PLAN	MC00 - CH. 1900 TO CH. 2040	B	10
CDR-411	PAVEMENT - PLAN	MC00 - CH. 2040 TO CH. 2180	B	11
CDR-412	PAVEMENT - PLAN	MC00 - CH. 2180 TO CH. 2327.377	B	12
CDR-413	PAVEMENT - PLAN	MCC0 CH. 0 TO CH. 120	B	13
CDR-414	PAVEMENT - PLAN	MCP0 CH. 0 TO CH. 120	B	14
CDR-415	PAVEMENT - PLAN	MCB0 CH. 0 TO CH. 120	B	15

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					B	14/08/2015	FINAL ISSUE				DESIGN				R.A.S		ISSUE STATUS		EDMS No.	SHEET No. CDR-004			ISSUE B		
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					CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD								PROJECT MNGR									

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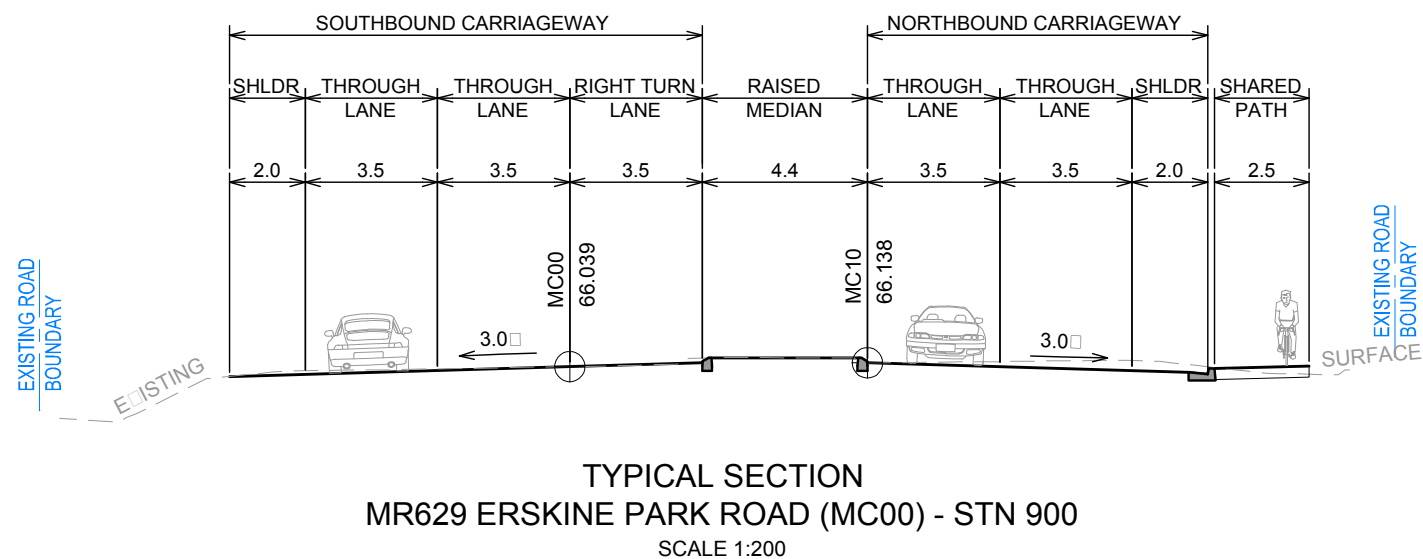
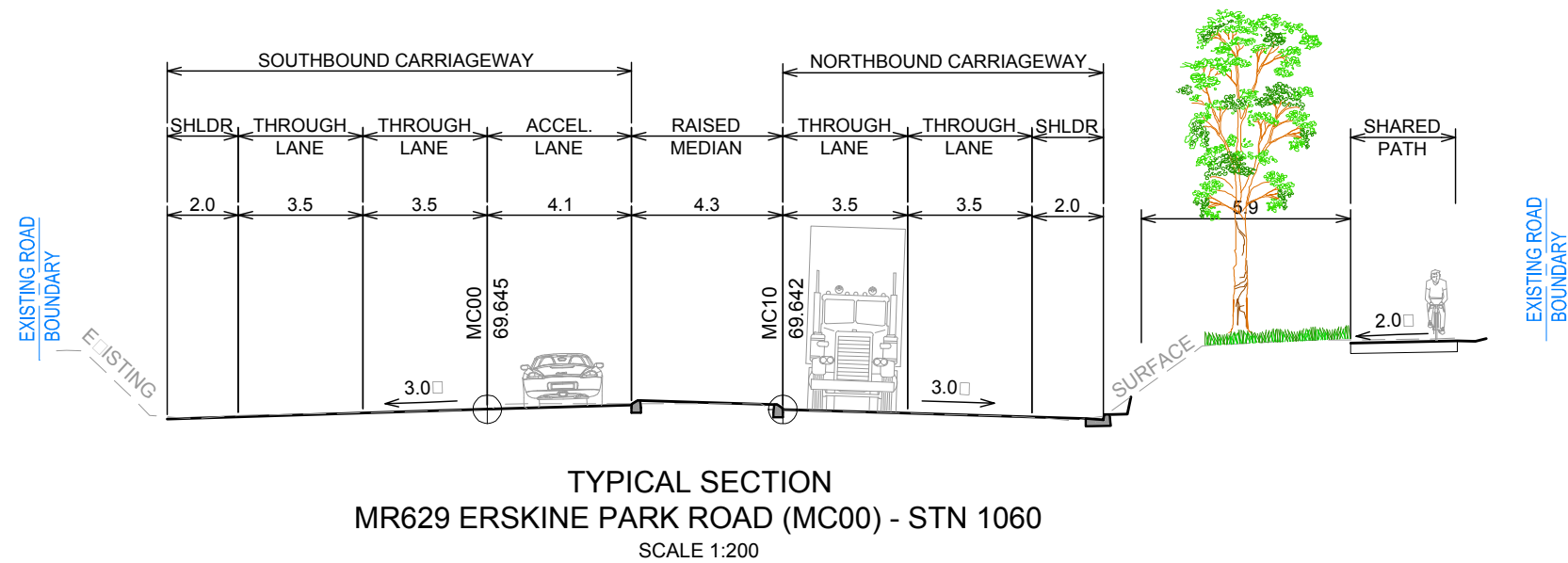
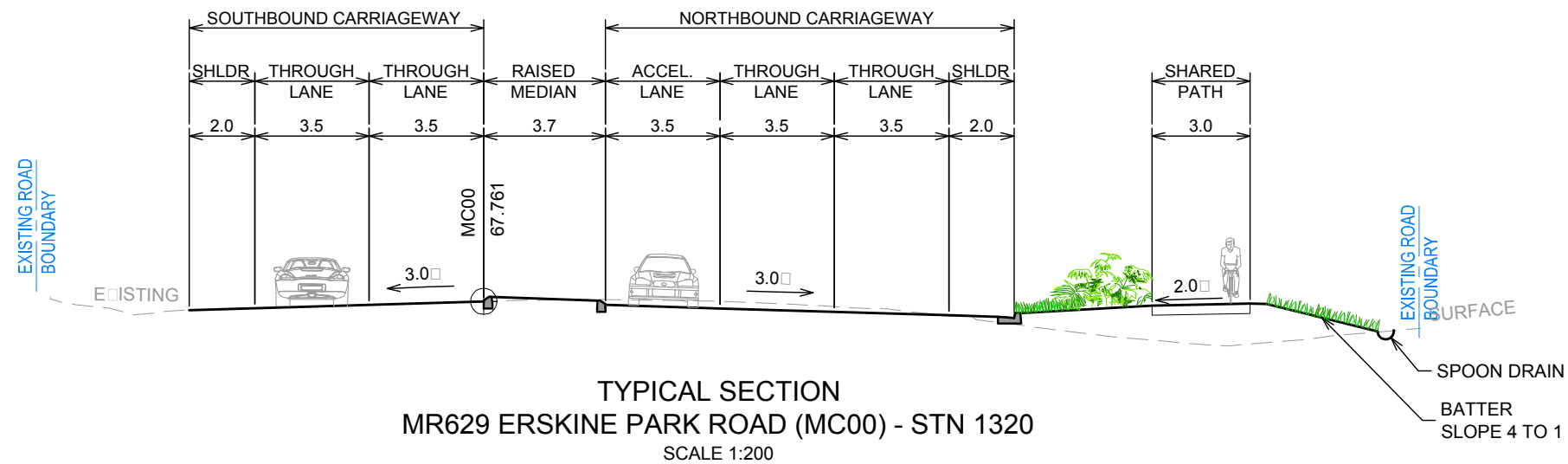
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CDR-602	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 740 TO CH. 888.620	B	2
CDR-603	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 888.620 TO CH. 1034.405	B	3
CDR-604	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 1020 TO CH. 1160	B	4
CDR-605	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 1180 TO CH. 1320	B	5
CDR-606	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 1320 TO CH. 1460	B	6
CDR-607	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 1460 TO CH. 1609.324	B	7
CDR-608	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 1609.324 TO CH. 1760	B	8
CDR-609	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 1760 TO CH. 1900	B	9
CDR-610	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 1900 TO CH. 2040	B	10
CDR-611	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 2040 TO CH. 2180	B	11
CDR-612	SIGNPOSTING & LINEMARKING - PLAN	MC00 - CH. 2180 TO CH. 2327.377	B	12
CDR-613	SIGNPOSTING & LINEMARKING - PLAN	MCC0 CH. 0 TO CH. 120	B	13
CDR-614	SIGNPOSTING & LINEMARKING - PLAN	MCP0 CH. 0 TO CH. 120	B	14
CDR-615	SIGNPOSTING & LINEMARKING - PLAN	MCB0 CH. 0 TO CH. 120	B	15

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		A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW			P.S.			J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DRAWN	R.C				SHEET 2 OF 2		ISSUE B	
		B	14/08/2015	FINAL ISSUE			P.S.					DRG CHECK								
				DESIGN	R.A.S															
												DESIGN CHECK	P.S							
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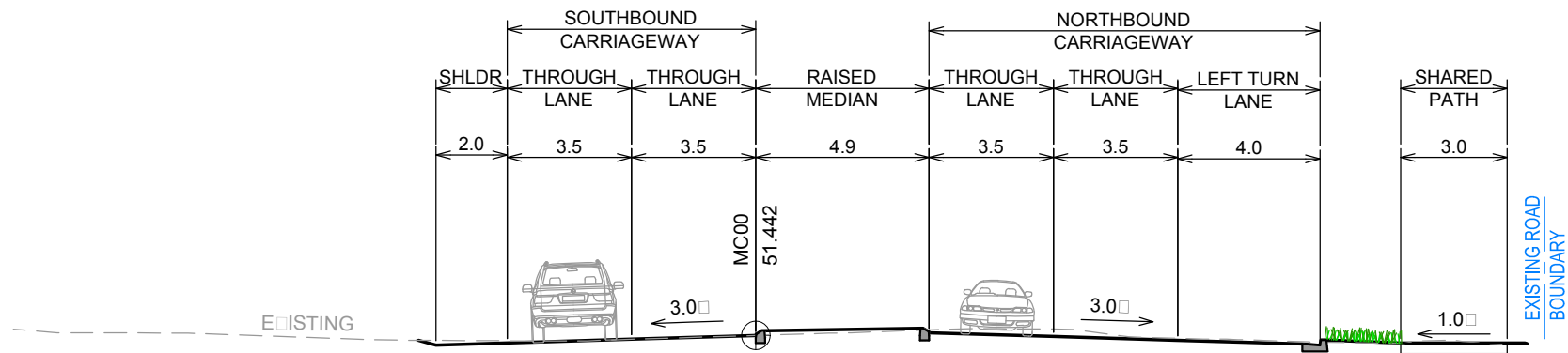
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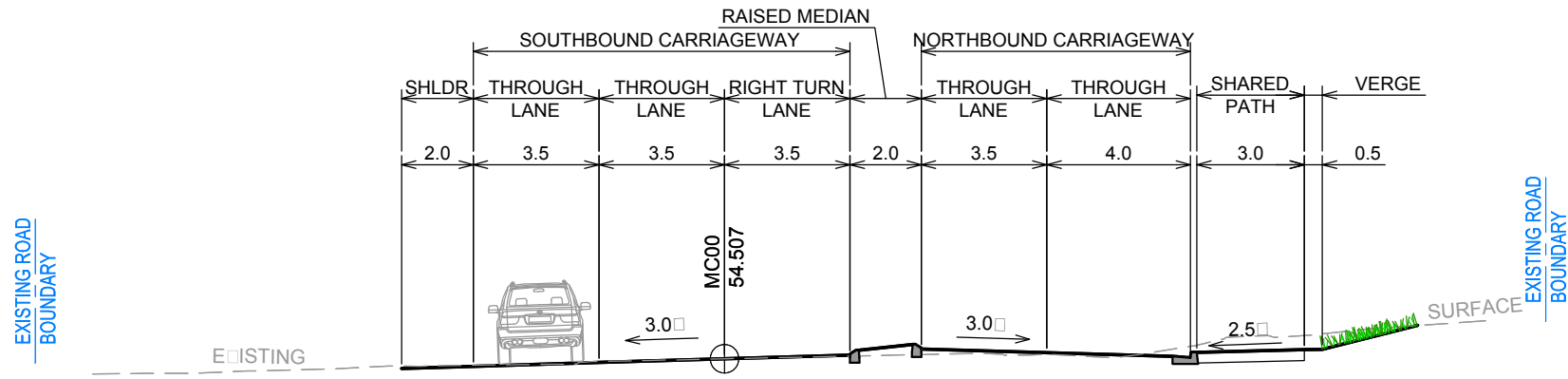
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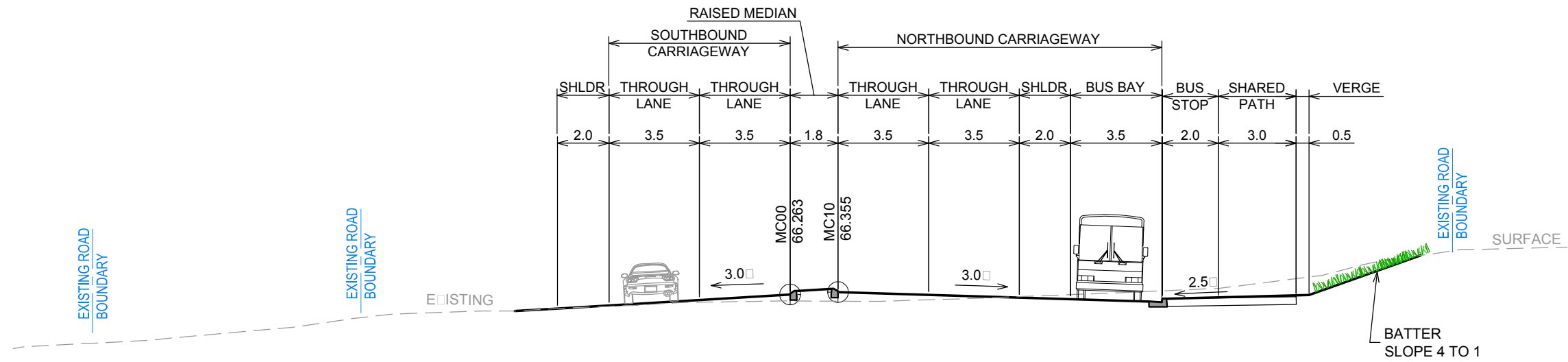
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TYPICAL SECTION
MR629 ERSKINE PARK ROAD (MC00) - STN 2160
SCALE 1:200



TYPICAL SECTION
MR629 ERSKINE PARK ROAD (MC00) - STN 2040
SCALE 1:200

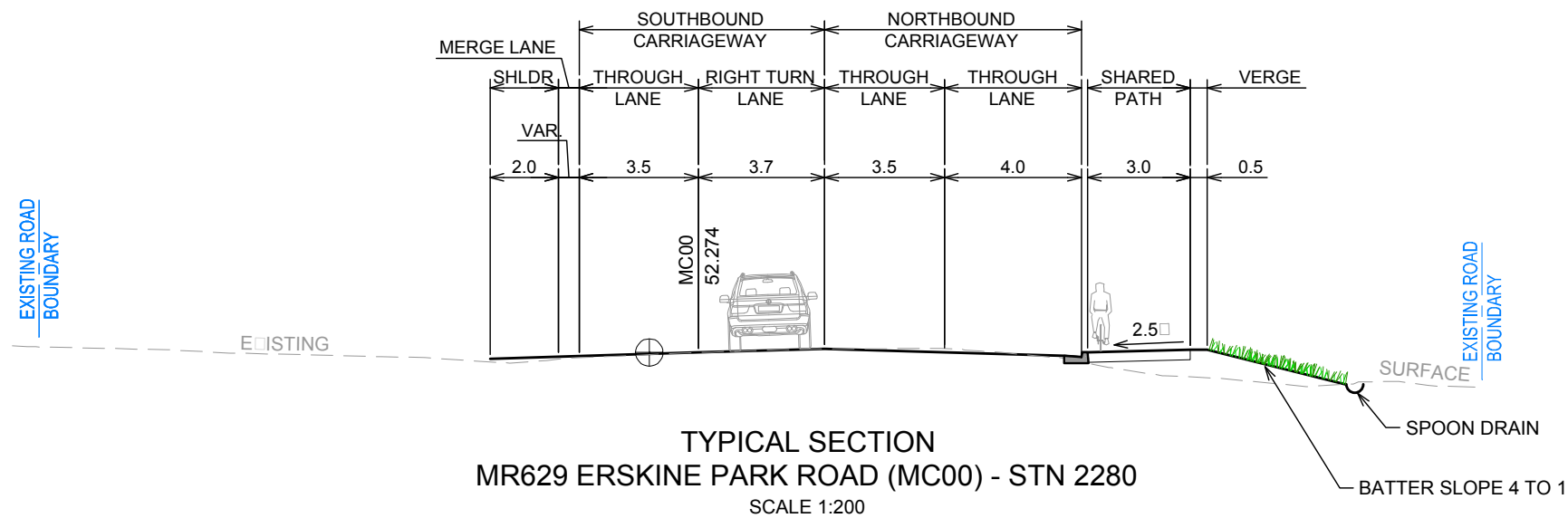


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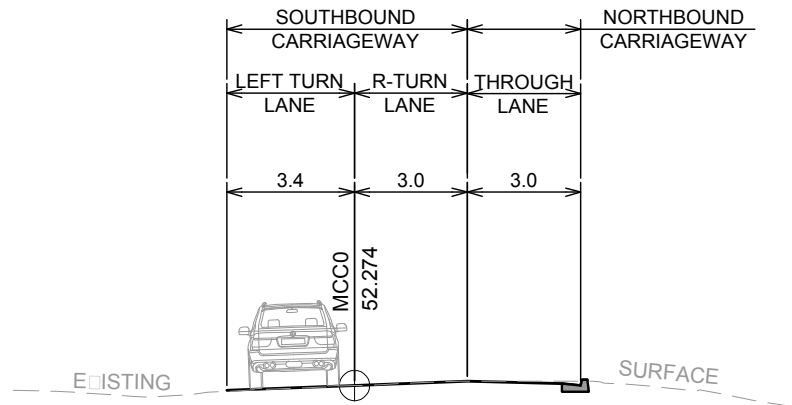
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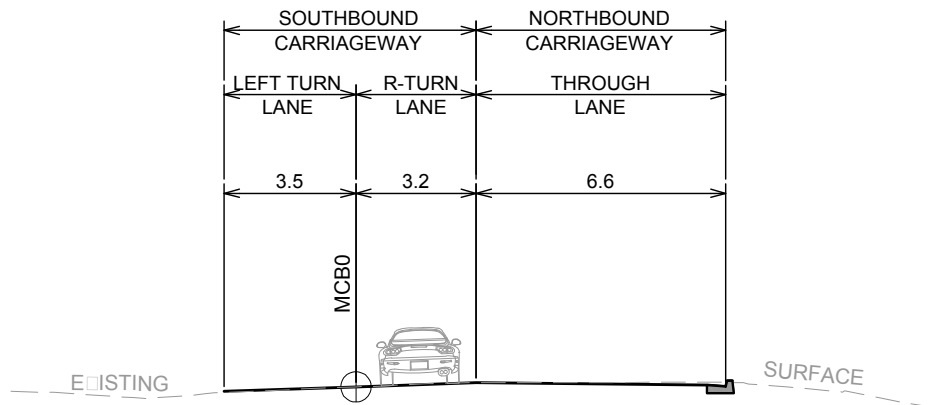
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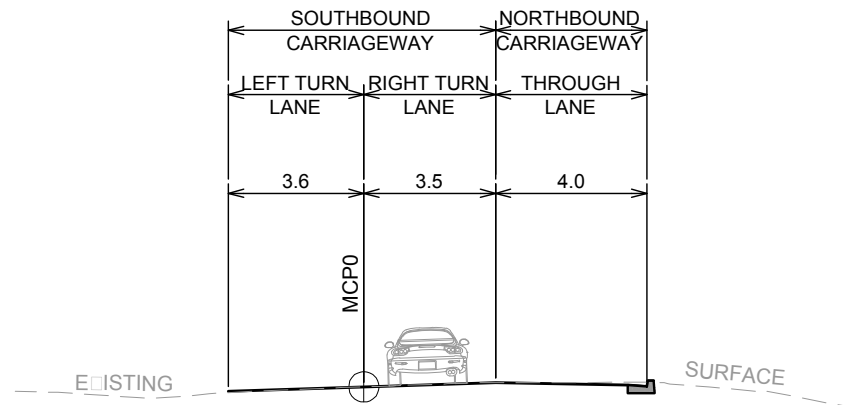
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SCALE 1:200



TYPICAL SECTION
LOCAL ROAD (MCC0) - STN 40
SCALE 1:200



TYPICAL SECTION
LOCAL ROAD (MCB0) - STN 40
SCALE 1:200



TYPICAL SECTION
LOCAL ROAD (MCP0) - STN 40
SCALE 1:200

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DRAWING FILE LOCATION / NAME J:\110157\R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-009.dwg							DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 4:42:29 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE MR629 ERSKINE PARK ROAD TYPICAL SECTIONS		SHEET 4 OF 4		PART 2		ISSUE B											
EXTERNAL REFERENCE FILES							REV		DATE		AMENDMENT / REVISION DESCRIPTION		WVR No.		APPROVAL		SCALES ON A3 SIZE DRAWING										DRAWINGS / DESIGN PREPARED BY		TITLE		NAME		DATE			
							A		23/06/2015		FINAL ISSUE FOR STAKEHOLDER REVIEW				P.S.				J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au				DRAWN		R.C											
							B		14/08/2015		FINAL ISSUE				P.S.														DRG CHECK							
																													DESIGN		R.A.S					
																													DESIGN CHECK		P.S					
																					DESIGN MNGR															
																									PROJECT MNGR											
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THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
150mm ON A3 SIZE ORIGINAL

GENERAL NOTES

1. ALL NEW WORKS ARE TO BE UNDERTAKEN TO THE REQUIREMENTS OF CURRENT RMS QA SPECIFICATION, PENRITH CITY COUNCIL & AUSTRALIAN STANDARDS UNLESS OTHERWISE STATED. MANDATORY COUNCIL INSPECTIONS ARE TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S WORK SPECIFICATIONS & THE RMS "WORKS AUTHORISATION DEED" RESPECTIVELY.
2. ALL APPROVALS FOR TRAFFIC MANAGEMENT, STAGING AND CONSTRUCTION WORKS ARE TO BE OBTAINED PRIOR TO ANY SITE WORKS COMMENCING. SPECIFIC CONSTRUCTION STAGING TRAFFIC MANAGEMENT PLANS ARE REQUIRED TO BE PREPARED BY, AND APPROVED BY, AN RMS ACCREDITED SELECT/MODIFY OFFICER.
- PROVISION FOR TRAFFIC DURING CONSTRUCTION TO BE IN ACCORDANCE WITH RMS SPECIFICATION G10.
3. SOIL & WATER MANAGEMENT CONTROLS TO BE IMPLEMENTED IN ACCORDANCE WITH CURRENT RMS QA SPECIFICATION G38 & G39, DEPARTMENT OF ENVIRONMENT & CLIMATE CHANGE (DECC) & DEPARTMENT OF WATER & ENERGY (DWE) REQUIREMENTS. THE WORKS ARE TO BE IMPLEMENTED PRIOR TO & MAINTAINED DURING & AFTER THE CONSTRUCTION WORKS.
4. ALL CO-ORDINATES ARE MGA GRID, LEVELS TO AHD. DETAIL SURVEY & CONTROLS BY SURVEY COMPANY, DATE RECEIVED, FILE #.
5. ALL MEASUREMENTS ARE IN METRES UNLESS SHOWN OTHERWISE. KERBSIDE LANE WIDTH MEASURED FROM FACE OF KERB. NO INFORMATION IS TO BE SCALED FROM THESE DRAWINGS.
6. ALL TRAFFIC, PEDESTRIAN & CYCLIST MOVEMENTS ARE TO BE MAINTAINED THROUGHOUT THE COURSE OF CONSTRUCTION.
7. THE CONTRACTOR SHALL NOT ENTER UPON NOR DO ANY WORKS WITHIN ADJACENT LANDS WITHOUT PERMISSION OF THE OWNER. ROAD WORKS OUTSIDE EXISTING ROAD BOUNDARY TO BE NEGOTIATED WITH CURRENT LAND OWNERS OR AUTHORITIES.
8. ONLY TREES DIRECTLY AFFECTED BY WORKS ARE TO BE REMOVED. COUNCIL CONDITIONS ARE TO BE COMPLIED WITH INCLUDING APPROVAL TO REMOVE TREE.
9. EXISTING FENCING AND GATES TO BE RETAINED UNLESS OTHERWISE STATED. ACCESS IS TO BE MAINTAINED TO ALL ADJOINING PROPERTIES THROUGHOUT THE COURSE OF CONSTRUCTION.
10. ALL DISTURBED AREAS ADJACENT TO THE WORKS TO BE TOPSOILED & (TURFED OR REVEGETATED) AS SPECIFIED.
11. CONTRACTOR MUST:
 - MAKE SMOOTH JUNCTION WITH EXISTING CONDITIONS & ALL NEW WORKS
 - RECTIFY AT THE CONTRACTORS EXPENSE ANY DAMAGES CAUSED TO FENCING, PRIVATE PROPERTY OR EXISTING SERVICES & VERIFY ON SITE WITH AUTHORITY REPRESENTATIVES
 - RECTIFY ANY DAMAGE TO PRIVATE PROPERTY IN ACCORDANCE WITH COUNCIL'S SPECIFICATION
 - CLEARLY MARK & PROTECT ALL EXISTING SERVICES AT ALL TIMES DURING CONSTRUCTION
 - FOLLOW ALL UTILITY AUTHORITIES "DUTY OF CARE"

12. UTILITY INFORMATION SHOWN ON THE PLANS DOES NOT DEPICT ANY MORE THAN THE PRESENCE OF A SERVICE, BASED ON AVAILABLE DOCUMENTARY EVIDENCE. THE PRESENCE OF A UTILITY SERVICE, ITS SIZE AND LOCATION SHOULD BE CONFIRMED BY FIELD INSPECTION, PRIOR TO THE COMMENCEMENT OF ROADWORKS AND THE RELEVANT UTILITY PLANS OBTAINED BY DIALLING PH 1100 OR FAX 1300 652 077 (DIAL BEFORE YOU DIG). CAUTION SHOULD BE EXERCISED WHEN WORKING IN THE VICINITY OF ALL UTILITY SERVICES.
13. PAVEMENT MARKINGS THAT FORM NO PART OF THE FINAL WORKS ARE TO BE REMOVED BY WATER BLASTING OR OTHER METHOD AS APPROVED BY THE SUPERINTENDENT/PROJECT MANAGER.
14. FOR DRAINAGE WORKS REFER DRG CDR-300 SERIES.
15. FOR PAVEMENT WORKS REFER DRG CDR-400 SERIES.
16. FOR PAVEMENT MARKINGS & SIGNPOSTING REFER DRG CDR-600 SERIES.

GENERAL SUPPLEMENTARY DRAWINGS

RMS SUPPLEMENTARY DRAWINGS	
STANDARD KERB AND GUTTER SHAPES	MD.R15.A01.A.1
KERB RAMPS	MD.R173.B01.A
TYPICAL APPLICATION OF KERB RAMPS AT INTERSECTIONS	MD.R173.A01.A
PAVEMENT LINEMARKING & DIMENSIONS	MD.R60.A01.A
PEDESTRIAN FENCE GENERAL	MD.R201.C01.A
PIPE HANDRAIL DETAIL	MD.R201.C20.A
POST & WIRE FENCE	MD.R201.A02.A
SECTION 16 - GUIDE POSTS & DELINEATION OF SAFETY BARRIERS	RMS DELINEATION GUIDE
RMS TCS PLAN - SOLDIERS PARADE(TCS 4632)	DS2014 / 004990
RMS TCS PLAN - MACDONLAD ROAD REALIGNMENT (TCS 4633)	DS2014 / 004991
LOCAL COUNCIL SUPPLEMENTARY DRAWINGS	
KERB AND GUTTERS (PENRITH CITY COUNCIL)	SD1003/1

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DRAWING FILE LOCATION / NAME J:\110157\R101_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-101.dwg				DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 4:42:37 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN GENERAL NOTES & SUPP. DRAWINGS		SHEET 1 OF 15		A3			
EXTERNAL REFERENCE FILES				REV	DATE	AMENDMENT / REVISION DESCRIPTION				WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE	NAME	DATE					
				A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW					P.S.			J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DRAWN	R.C						
				B	14/08/2015	FINAL ISSUE					DRG CHECK												
								DESIGN	R.A.S														
								DESIGN CHECK	P.S														
								DESIGN MNGR															
														PROJECT MNGR									



PLAN LEGEND

- EZ

E:

EXISTING ELECT. U/GRND LINE
- GZ

EXISTING GAS MAIN
- OZ

EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ

T:

EXISTING TELSTRA LINE
- SZ

S:

EXISTING SEWER MAIN
- WZ

EXISTING WATER MAIN

WH

WATER HYDRANT

TC

TRAFFIC SIGNAL BOX

GP

GAS PIPELINE MARK

JB

STORMWATER JUNCTION PIT

EP

POWER POLE

TP

TRANSFORMER & POWER POLE

#

GAS VALVE BOX

SV

STOP VALVE

LP

LIGHT POLE

GV

GAS VALVE

SDP

STORMWATER DRAINAGE PIT

TPL

TELEPHONE POLE

TPIT

TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

NOTES

1. REFER TO SHEET CDR-101 FOR PLAN GENERAL NOTES & SUPPLEMENTARY DRAWINGS

2. REFER TO SHEET CDR-201 FOR UTILITY GENERAL NOTES & SUPPLEMENTARY DRAWINGS

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NOT FOR CONSTRUCTION

PLAN
SCALE 1:500

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DRAWING FILE LOCATION / NAME J:\110157\110157_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-102.dwg			DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		PLOT DATE / TIME 14/08/2015 4:42:59 PM		PLOT BY rchan		CLIENT PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 740 TO CH. 888.620		A3				
EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		TITLE	NAME	DATE				
			A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW		P.S.	0 5 10 15 20 SCALE 1:500m	J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DRAWN	R.C					
			B	14/08/2015	FINAL ISSUE		P.S.				DRG CHECK						
								CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		DESIGN	R.A.S				
												DESIGN CHECK	P.S				
												DESIGN MNGR					
												PROJECT MNGR					
											PREPARED FOR		RMS REGISTRATION No. DS2015/002540		PART 2 OF 15		
											ISSUE STATUS		EDMS No.	SHEET No. CDR-102	ISSUE B		

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PLAN LEGEND

- EZ

E:

EXISTING ELECT. U/GRND LINE
- GZ

EXISTING GAS MAIN
- OZ

EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ

T:

EXISTING TELSTRA LINE
- SZ

S:

EXISTING SEWER MAIN
- WZ

EXISTING WATER MAIN

WH

WATER HYDRANT

TC

TRAFFIC SIGNAL BOX

GP

GAS PIPELINE MARK

JB

STORMWATER JUNCTION PIT

EP

POWER POLE

TP

TRANSFORMER & POWER POLE

#

GAS VALVE BOX

SV

STOP VALVE

LP

LIGHT POLE

GV

GAS VALVE

SDP

STORMWATER DRAINAGE PIT

TP

TELEPHONE POLE

TP

TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

NOTES

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NOT FOR CONSTRUCTION

PLAN
SCALE 1:500

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10mm ON A3 SIZE ORIGINAL

JOINS DRG CDR-101

JOINS DRG CDR-113

DRAWING FILE LOCATION / NAME J:\110157\110157_R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-103.dwg				DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 4:43:23 PM		PLOT BY rchan		CLIENT PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 888.620 TO CH. 1034.405		SHEET 3 OF 15							
EXTERNAL REFERENCE FILES				REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY				TITLE							
				A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW			P.S.	0 5 10 15 20		J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au				DRAWN	R.C						
				B	14/08/2015	FINAL ISSUE			P.S.	SCALE 1:500m						DRG CHECK							
										CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD				DESIGN	R.A.S						
																DESIGN CHECK	P.S						
																DESIGN MNGR							
																PROJECT MNGR							
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																RMS REGISTRATION No. DS2015/002540							
																ISSUE STATUS							
																EDMS No.							
																SHEET No. CDR-103							
																ISSUE							

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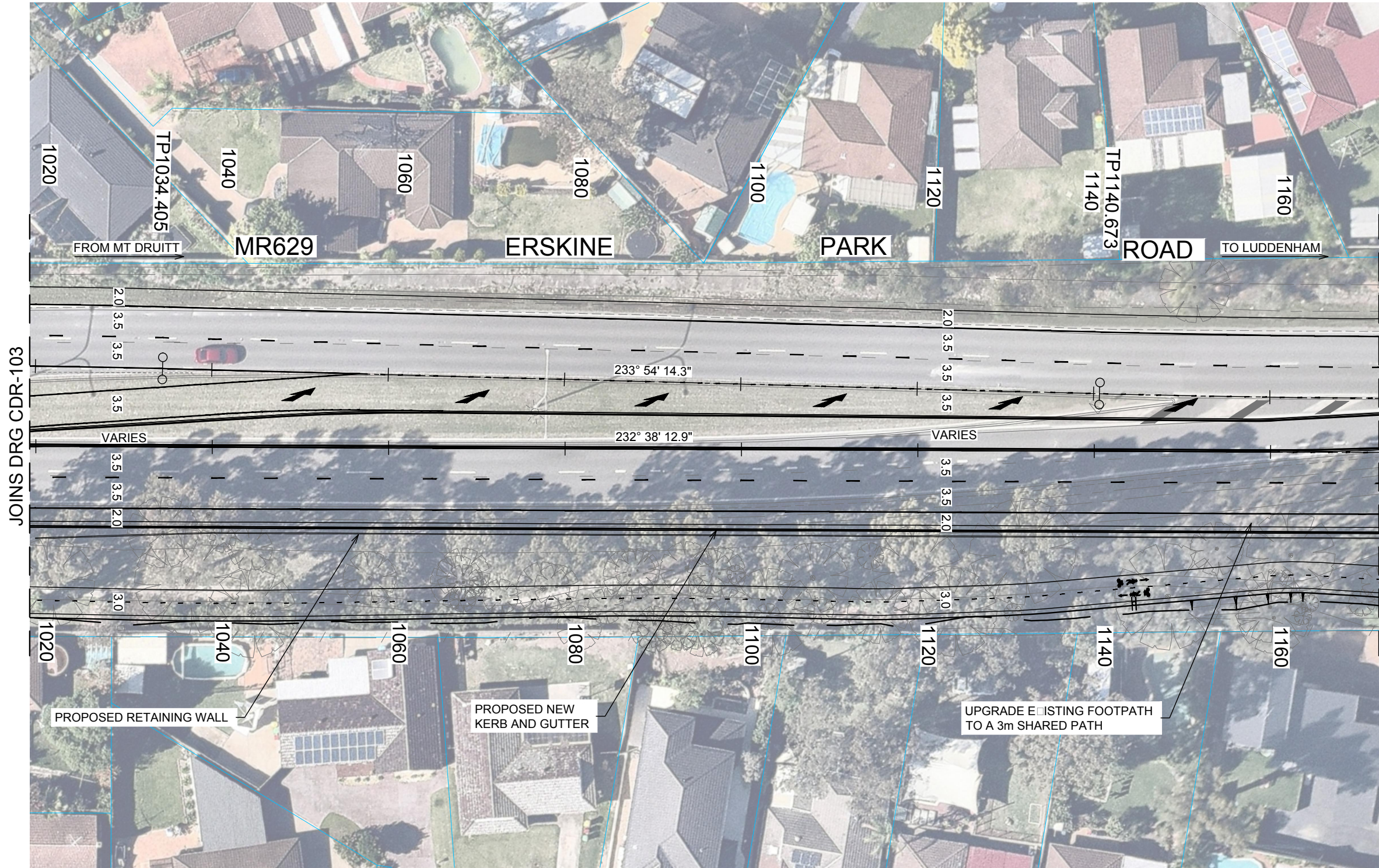


PLAN LEGEND

- EZ - - - - - E: EXISTING ELECT. U/GRND LINE
- GZ - - - - - EXISTING GAS MAIN
- OZ - - - - - EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ - - - - - T: EXISTING TELSTRA LINE
- SZ - - - - - S: EXISTING SEWER MAIN
- WZ - - - - - EXISTING WATER MAIN

- WH WATER HYDRANT
- TC TRAFFIC SIGNAL BOX
- GP GAS PIPELINE MARK
- JB STORMWATER JUNCTION PIT
- EP POWER POLE
- TP TRANSFORMER & POWER POLE
- GVB GAS VALVE BOX
- SV STOP VALVE
- LP LIGHT POLE
- GV GAS VALVE
- SD STORMWATER DRAINAGE PIT
- TPL TELEPHONE POLE
- TP TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS



PLAN
SCALE 1:500

NOTES

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DRAWING FILE LOCATION / NAME J:\110157\110157_R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-104.dwg			DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING			PLOT DATE / TIME 14/08/2015 4:43:47 PM		PLOT BY rchan		CLIENT PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 1020 TO CH. 1160		SHEET 4 OF 15	
EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE		NAME	
			A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW		P.S.	0 5 10 15 20 SCALE 1:500m		J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS		DRAWN		R.C	
			B	14/08/2015	FINAL ISSUE		P.S.	CO-ORDINATE SYSTEM MGA ZONE 56		LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DRG CHECK			
								HEIGHT DATUM AHD				DESIGN		R.A.S	
												DESIGN CHECK		P.S	
												DESIGN MNGR			
												PROJECT MNGR			
												PREPARED FOR		RMS REGISTRATION No. DS2015/002540	
												ISSUE STATUS		EDMS No.	
												SHEET No. CDR-104		ISSUE B	



PLAN LEGEND

- EZ --- E: EXISTING ELECT. U/GRND LINE
- GZ --- EXISTING GAS MAIN
- OZ --- EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ --- T: EXISTING TELSTRA LINE
- SZ --- S: EXISTING SEWER MAIN
- WZ --- EXISTING WATER MAIN

- WH WATER HYDRANT
- TC TRAFFIC SIGNAL BOX
- GP GAS PIPELINE MARK
- JB STORMWATER JUNCTION PIT
- EP POWER POLE
- TRANSFORMER & POWER POLE
- GAS VALVE BOX
- STOP VALVE
- LIGHT POLE
- GAS VALVE
- STORMWATER DRAINAGE PIT
- TPLE TELEPHONE POLE
- TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS



PLAN
SCALE 1:500

NOTES

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DRAWING FILE LOCATION / NAME J:\110157\110157_R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-105.dwg			DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING			PLOT DATE / TIME 14/08/2015 4:44:11 PM		PLOT BY rchan		CLIENT PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 1180 TO CH. 1320		SHEET 5 OF 15	
EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE		NAME	
			A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW		P.S.	0 5 10 15 20		J. WYNDHAM PRINCE		DRAWN		R.C	
			B	14/08/2015	FINAL ISSUE		P.S.	SCALE 1:500m		CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS		DRG CHECK			
								CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DESIGN	
												DESIGN CHECK		R.A.S	
												DESIGN MNGR		P.S	
												PROJECT MNGR			
												PREPARED FOR		NSW GOVERNMENT	
												Transport Roads & Maritime Services		RMS REGISTRATION No. DS2015/002540	
												ISSUE STATUS		EDMS No.	
												SHEET No. CDR-105		PART 2	
												ISSUE		B	



PLAN LEGEND

- EZ --- E: EXISTING ELECT. U/GRND LINE
- GZ --- EXISTING GAS MAIN
- OZ --- EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ --- T: EXISTING TELSTRA LINE
- SZ --- S: EXISTING SEWER MAIN
- WZ --- EXISTING WATER MAIN

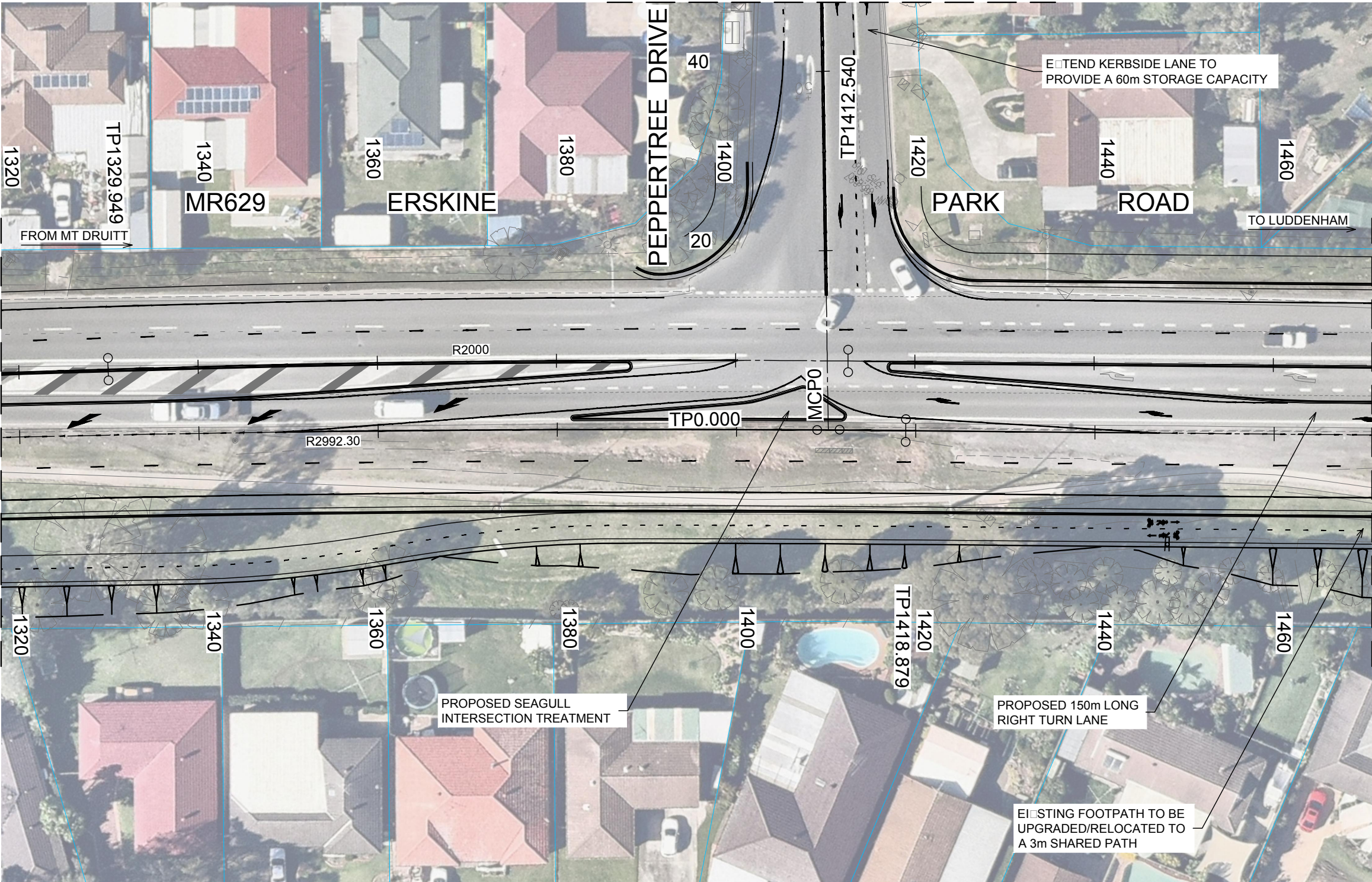
- WH WATER HYDRANT
- TC TRAFFIC SIGNAL BOX
- GP GAS PIPELINE MARK
- JB STORMWATER JUNCTION PIT
- EP POWER POLE
- TP TRANSFORMER & POWER POLE
- GAS VALVE BOX
- STOP VALVE
- LIGHT POLE
- GAS VALVE
- STORMWATER DRAINAGE PIT
- TELEPHONE POLE
- TELEPHONE PIT

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NOT FOR CONSTRUCTION



PLAN
SCALE 1:500

DRAWING FILE LOCATION / NAME J:\110157\R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-106.dwg							DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 4:44:33 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 1320 TO CH. 1460			A3																																																																																																																																																																																																																																																																																																																							
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PLAN LEGEND

- EZ

E:

EXISTING ELECT. U/GRND LINE
- GZ

EXISTING GAS MAIN
- OZ

EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ

T:

EXISTING TELSTRA LINE
- SZ

S:

EXISTING SEWER MAIN
- WZ

EXISTING WATER MAIN

WH

WATER HYDRANT

TC

TRAFFIC SIGNAL BOX

GP

GAS PIPELINE MARK

JB

STORMWATER JUNCTION PIT

EP

POWER POLE

TP

TRANSFORMER & POWER POLE

#

GAS VALVE BOX

SV

STOP VALVE

LP

LIGHT POLE

GV

GAS VALVE

SDP

STORMWATER DRAINAGE PIT

TP

TELEPHONE POLE

TP

TELEPHONE PIT

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NOT FOR CONSTRUCTION

PLAN
SCALE 1:500

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DRAWING FILE LOCATION / NAME J:\110157\110157_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-107.dwg				DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		PLOT DATE / TIME 14/08/2015 4:44:56 PM		PLOT BY rchan		CLIENT PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 1460 TO CH. 1609.324		A3						
EXTERNAL REFERENCE FILES				WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE		NAME								
					P.S.	0 5 10 15 20 SCALE 1:500m		J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS		DRAWN		R.C								
					P.S.			LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DRG CHECK										
						CO-ORDINATE SYSTEM MGA ZONE 56				DESIGN		R.A.S								
						HEIGHT DATUM AHD				DESIGN CHECK		P.S								
										DESIGN MNGR										
										PROJECT MNGR										
PREPARED FOR												RMS REGISTRATION No. DS2015/002540		SHEET 7 OF 15 PART 2						
												ISSUE STATUS								
												EDMS No.		SHEET No. CDR-107						
														ISSUE B						
														© Roads and Maritime Services						



PLAN LEGEND

- EZ

E:

EXISTING ELECT. U/GRND LINE
- GZ

EXISTING GAS MAIN
- OZ

EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ

T:

EXISTING TELSTRA LINE
- SZ

S:

EXISTING SEWER MAIN
- WZ

EXISTING WATER MAIN

WH

WATER HYDRANT

TC

TRAFFIC SIGNAL BOX

GP

GAS PIPELINE MARK

JB

STORMWATER JUNCTION PIT

EP

POWER POLE

TP

TRANSFORMER & POWER POLE

GV

GAS VALVE BOX

SV

STOP VALVE

LP

LIGHT POLE

GV

GAS VALVE

SDP

STORMWATER DRAINAGE PIT

TP

TELEPHONE POLE

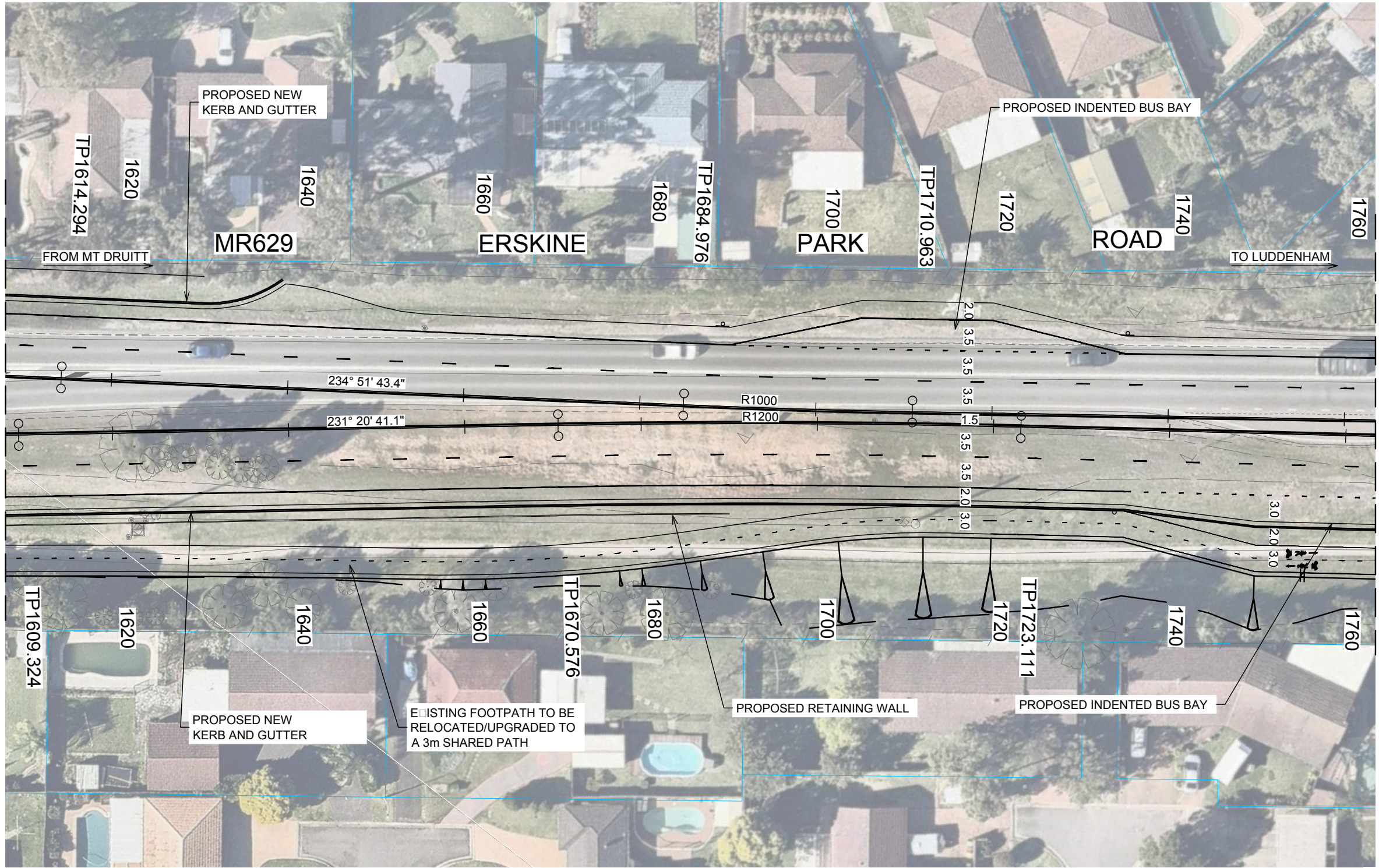
TP

TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

101-DRG CDR-101

101-DRG CDR-101



PLAN
SCALE 1:500

NOTES

- REFER TO SHEET CDR-101 FOR PLAN GENERAL NOTES & SUPPLEMENTARY DRAWINGS
- REFER TO SHEET CDR-201 FOR UTILITY GENERAL NOTES & SUPPLEMENTARY DRAWINGS
- ALL OVERHEAD & UNDERGROUND UTILITIES ARE TO BE RETAINED UNAFFECTED UNLESS OTHERWISE NOTED
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NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME J:\110157\101_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-108.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 4:45:17 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 1609.324 TO CH. 1760 SHEET 8 OF 15					A3	
EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY			TITLE		NAME	DATE							PREPARED FOR
		A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW			P.S.	0 5 10 15 20 SCALE 1:500m			J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au			DRAWN		R.C		Transport Roads & Maritime Services						
		B	14/08/2015	FINAL ISSUE			P.S.							DRG CHECK										
									DESIGN					R.A.S		DESIGN CHECK						P.S		
									DESIGN MNGR							PROJECT MNGR								
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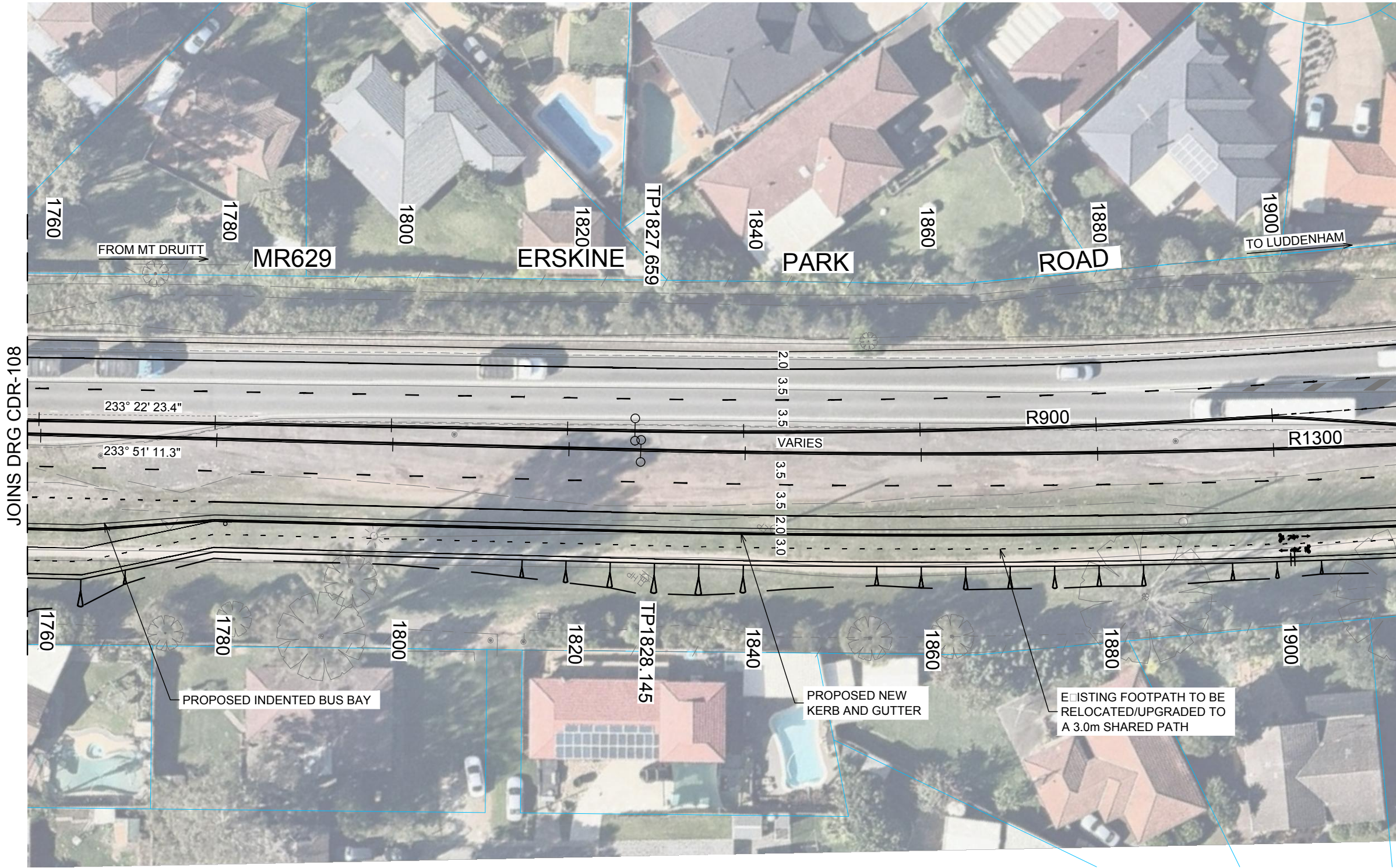


PLAN LEGEND

- EZ - - - - - E: EXISTING ELECT. U/GRND LINE
- GZ - - - - - EXISTING GAS MAIN
- OZ - - - - - EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ - - - - - T: EXISTING TELSTRA LINE
- SZ - - - - - S: EXISTING SEWER MAIN
- WZ - - - - - EXISTING WATER MAIN

- WH WATER HYDRANT
- TC TRAFFIC SIGNAL BOX
- GP GAS PIPELINE MARK
- JB STORMWATER JUNCTION PIT
- EP POWER POLE
- Transformer & Power Pole
- GAS VALVE BOX
- STOP VALVE
- LIGHT POLE
- GAS VALVE
- STORMWATER DRAINAGE PIT
- TPLE TELEPHONE POLE
- TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS



PLAN
SCALE 1:500

NOTES

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NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME J:\110157\R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-109.dwg				DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 4:45:36 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 1760 TO CH. 1900		SHEET 9 OF 15		A3							
EXTERNAL REFERENCE FILES				REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE	NAME	DATE	NSW GOVERNMENT Transport Roads & Maritime Services		RMS REGISTRATION No.		PART 2						
				A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW			P.S.					DRAWN	R.C		PREPARED FOR	DS2015/002540		ISSUE STATUS		EDMS No.		SHEET No. CDR-109		ISSUE B	
				B	14/08/2015	FINAL ISSUE			P.S.					DRG CHECK													
				CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DESIGN	R.A.S		DESIGN CHECK	P.S													
										DESIGN MNGR			PROJECT MNGR														



PLAN LEGEND

- E2 --- E: EXISTING ELECT. U/GRND LINE
- G2 --- EXISTING GAS MAIN
- O2 --- EXISTING OPTICAL FIBRE ABOVE GROUND
- T2 --- T: EXISTING TELSTRA LINE
- S2 --- S: EXISTING SEWER MAIN
- W2 --- EXISTING WATER MAIN

- WH WATER HYDRANT
- TC TRAFFIC SIGNAL BOX
- GP GAS PIPELINE MARK
- JB STORMWATER JUNCTION PIT
- EP POWER POLE
- TP TRANSFORMER & POWER POLE
- GAS VALVE BOX
- STOP VALVE
- LIGHT POLE
- GAS VALVE
- STORMWATER DRAINAGE PIT
- TPLE TELEPHONE POLE
- TPLE TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

NOTES

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NOT FOR CONSTRUCTION

PLAN
SCALE 1:500

DRAWING FILE LOCATION / NAME J:\110157\110157_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-110.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 4:45:55 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 1900 TO CH. 2040		A3	
EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY			TITLE	NAME	DATE	 Transport Roads & Maritime Services		
			A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW			P.S.				J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS			DRAWN	R.C.				
			B	14/08/2015	FINAL ISSUE			P.S.							DRG CHECK					
															DESIGN	R.A.S				
															DESIGN CHECK	P.S				
												DESIGN MNGR								
												PROJECT MNGR								
															PREPARED FOR					
															RMS REGISTRATION No. DS2015/002540			PART 2		
															ISSUE STATUS			EDMS No.	SHEET No. CDR-110	ISSUE B



PLAN LEGEND

- EZ --- E: EXISTING ELECT. U/GRND LINE
--- GZ --- EXISTING GAS MAIN
--- OZ --- EXISTING OPTICAL FIBRE ABOVE GROUND
--- TZ --- T: EXISTING TELSTRA LINE
--- SZ --- S: EXISTING SEWER MAIN
--- WZ --- EXISTING WATER MAIN

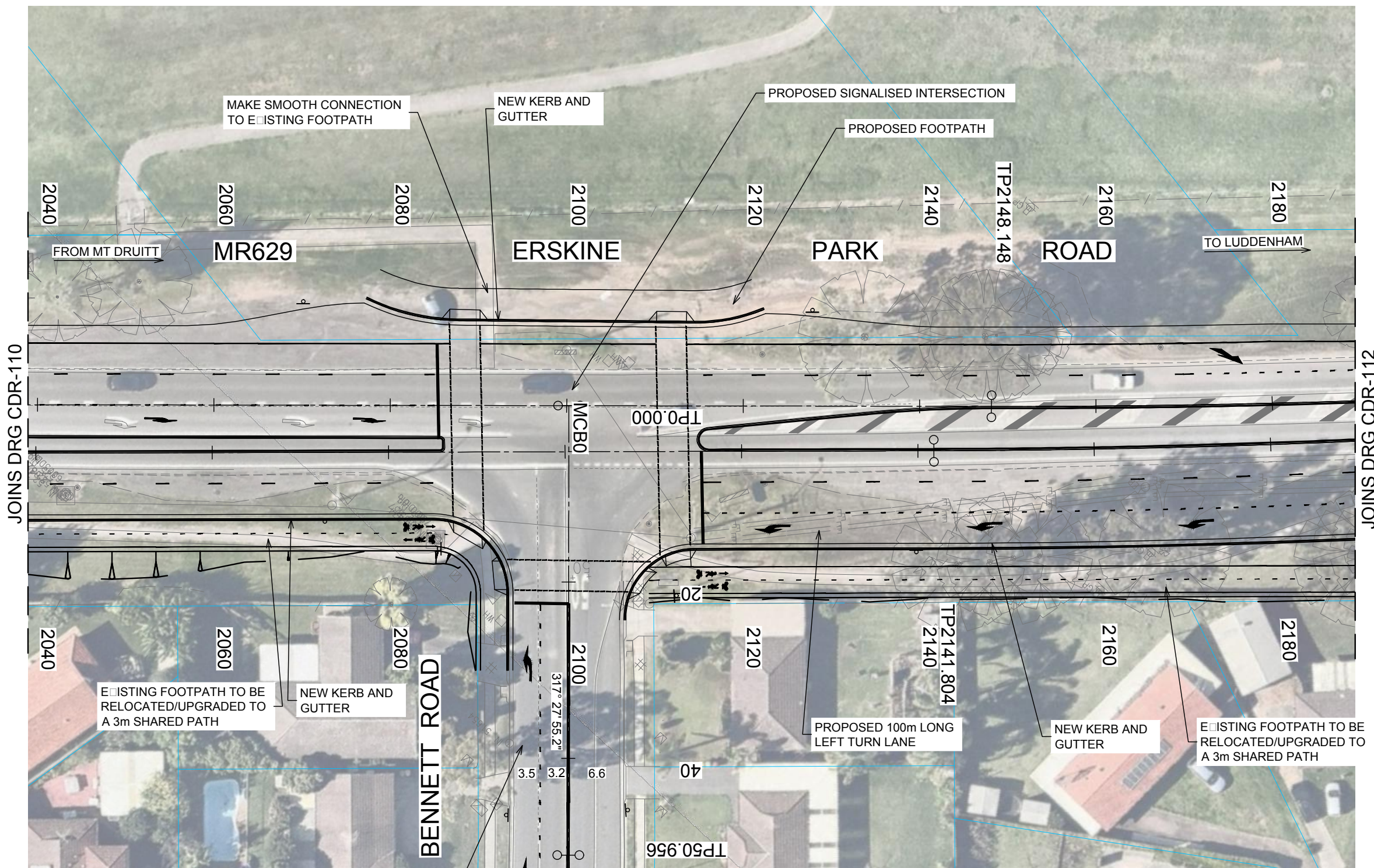
- WH WATER HYDRANT
TC TRAFFIC SIGNAL BOX
GP GAS PIPELINE MARK
JB STORMWATER JUNCTION PIT
EP POWER POLE
TP TRANSFORMER & POWER POLE
G GAS VALVE BOX
STOP VALVE
LIGHT POLE
GAS VALVE
STORMWATER DRAINAGE PIT
TELEPHONE POLE
TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

NOTES

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NOT FOR CONSTRUCTION



EXTEND EXISTING KERBSIDE LANE TO PROVIDE 100m LONG STORAGE

PLAN
SCALE 1:500

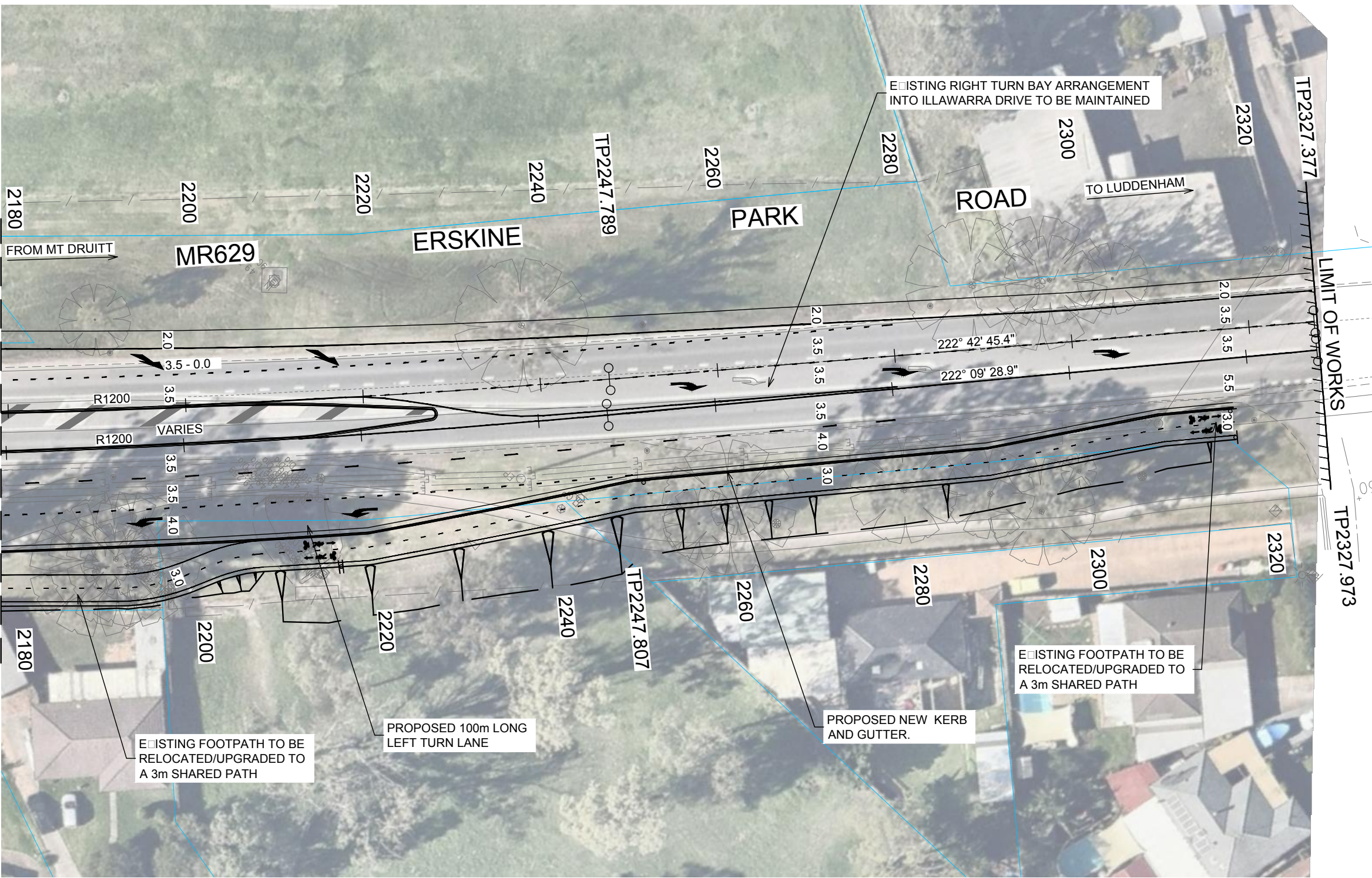
THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

10mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME J:\110157\110157_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-111.dwg						DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING						PLOT DATE / TIME 14/08/2015 4:46:13 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MC00 - CH. 2040 TO CH. 2180		SHEET 11 OF 15		PART 2																	
EXTERNAL REFERENCE FILES						REV		DATE		AMENDMENT / REVISION DESCRIPTION		WVR No.		APPROVAL		SCALES ON A3 SIZE DRAWING				DRAWINGS / DESIGN PREPARED BY				TITLE		NAME		DATE		PREPARED FOR		RMS REGISTRATION No.		DS2015/002540		SHEET No.		CDR-111			
						A		23/06/2015		FINAL ISSUE FOR STAKEHOLDER REVIEW				P.S.		0 5 10 15 20 SCALE 1:500m				J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS				DRAWN		R.C				NSW GOVERNMENT Transport Roads & Maritime Services											
						B		14/08/2015		FINAL ISSUE				P.S.		CO-ORDINATE SYSTEM MGA ZONE 56				LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au				DRG CHECK																	
																HEIGHT DATUM AHD								DESIGN		R.A.S															
																				DESIGN CHECK				P.S																	
																				DESIGN MNGR																					
																				PROJECT MNGR																					

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JOINS DRG CDR-111



PLAN
SCALE 1:500

PLAN LEGEND

EZ

E:

EXISTING ELECT. U/GRND LINE

GZ

EXISTING GAS MAIN

OZ

EXISTING OPTICAL FIBRE ABOVE GROUND

TZ

T:

EXISTING TELSTRA LINE

SZ

S:

EXISTING SEWER MAIN

WZ

EXISTING WATER MAIN

WH

WATER HYDRANT

TC

TRAFFIC SIGNAL BOX

GP

GAS PIPELINE MARK

JB

STORMWATER JUNCTION PIT

EP

POWER POLE

TP

TRANSFORMER & POWER POLE

GV

GAS VALVE BOX

SV

STOP VALVE

LP

LIGHT POLE

GV

GAS VALVE

SDP

STORMWATER DRAINAGE PIT

TP

TELEPHONE POLE

TP

TELEPHONE PIT

REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

NOTES

1.

REFER TO SHEET CDR-101 FOR PLAN GENERAL NOTES & SUPPLEMENTARY DRAWINGS

2.

REFER TO SHEET CDR-201 FOR UTILITY GENERAL NOTES & SUPPLEMENTARY DRAWINGS

3.

ALL OVERHEAD & UNDERGROUND UTILITIES ARE TO BE RETAINED UNAFFECTED UNLESS OTHERWISE NOTED

4.

ACCESS TO ALL ADJOINING PROPERTY MUST BE MAINTAINED THROUGHOUT DURATION OF THE WORKS

5.

MAINTAIN ALL EXISTING DRIVEWAYS AND ACCESSES.

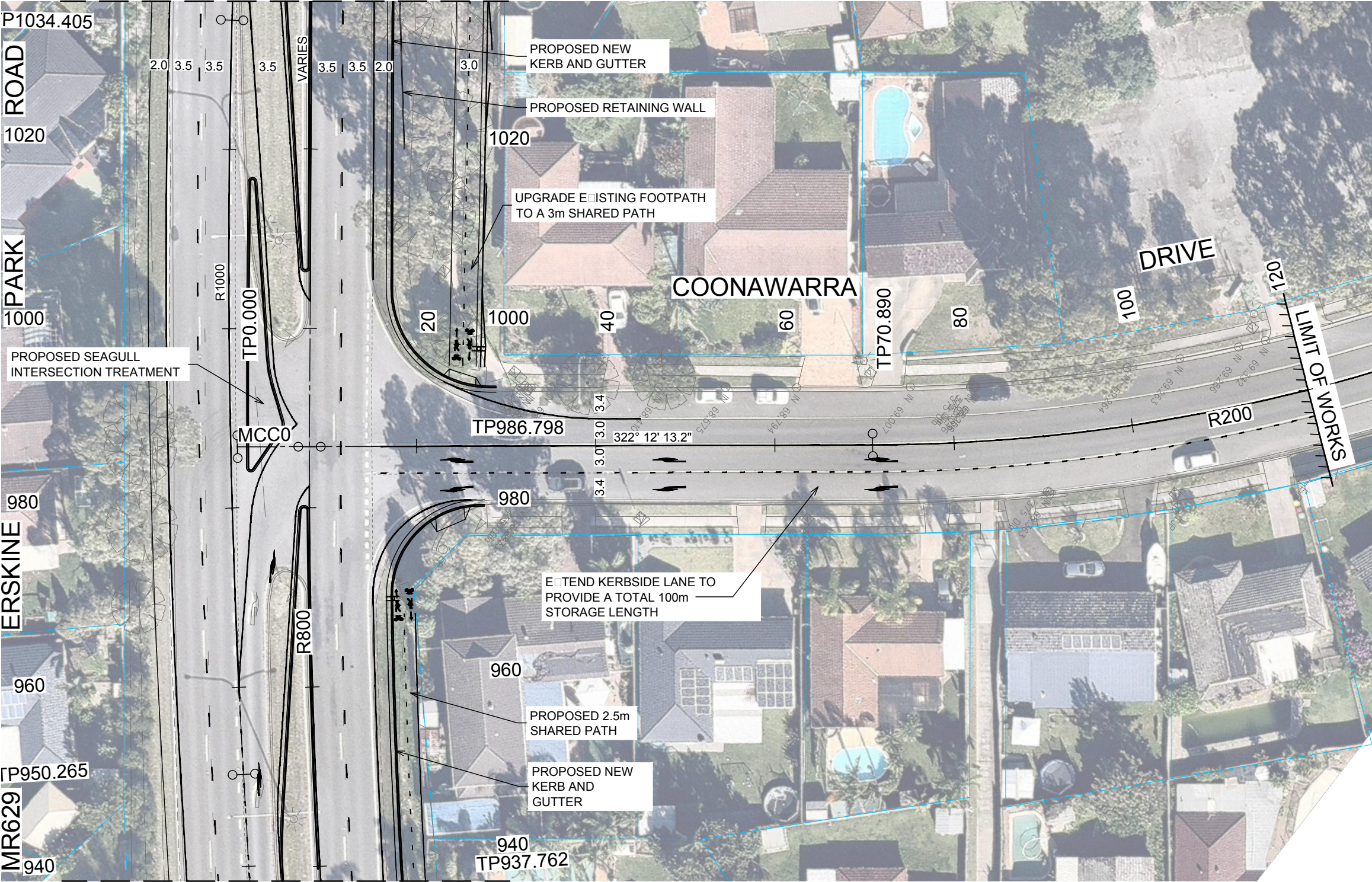
NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES				WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE		NAME			
REV				DATE	AMENDMENT / REVISION DESCRIPTION	SCALE 1:500m		J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS		DRAWN		R.C			
A				23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW	0 5 10 15 20		LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DRG CHECK					
B				14/08/2015	FINAL ISSUE	CO-ORDINATE SYSTEM MGA ZONE 56				DESIGN		R.A.S			
						HEIGHT DATUM AHD				DESIGN CHECK		P.S			
										DESIGN MNGR					
										PROJECT MNGR					
												PREPARED FOR			
												RMS REGISTRATION No.			
												DS2015/002540			
												SHEET No.			
												CDR-112			
												ISSUE			
												B			

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JOINS DRG CDR-104



JOINS DRG CDR-102

PLAN
SCALE 1:500

PLAN LEGEND

- E2 --- E: EXISTING ELECT. U/GRND LINE
--- G2 --- EXISTING GAS MAIN
--- O2 --- EXISTING OPTICAL FIBRE ABOVE GROUND
--- T2 --- T: EXISTING TELSTRA LINE
--- S2 --- S: EXISTING SEWER MAIN
--- W2 --- EXISTING WATER MAIN
- WH WATER HYDRANT △ STOP VALVE
⊠ TC TRAFFIC SIGNAL BOX ✱ LIGHT POLE
⊠ GP GAS PIPELINE MARK △ GAS VALVE
⊠ JB STORMWATER JUNCTION PIT ⊠ STORMWATER DRAINAGE PIT
○ EP POWER POLE ○ TPL TELEPHONE POLE
⊠ TRANSFORMER & POWER POLE ⊠ TELEPHONE PIT
GAS VALVE BOX
- REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

NOTES

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10mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME J:\110157\110157_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-113.dwg						DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING						PLOT DATE / TIME 14/08/2015 4:46:53 PM			PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MCCO CH. 0 TO CH. 120						A3																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EXTERNAL REFERENCE FILES						REV	DATE	AMENDMENT / REVISION DESCRIPTION				WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING				DRAWINGS / DESIGN PREPARED BY						TITLE	NAME	DATE	 Transport Roads & Maritime Services		PREPARED FOR		RMS REGISTRATION No. DS2015/002540				PART 2																																																																																																																																																																																																																																																																																																																																																																																																																																										
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JOINS DRG CDR-109



JOINS DRG CDR-107

PLAN
SCALE 1:500

PLAN LEGEND

- EZ --- E: EXISTING ELECT. U/GRND LINE
- GZ --- EXISTING GAS MAIN
- OZ --- EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ --- T: EXISTING TELSTRA LINE
- SZ --- S: EXISTING SEWER MAIN
- WZ --- EXISTING WATER MAIN

- WH WATER HYDRANT
- TC TRAFFIC SIGNAL BOX
- GP GAS PIPELINE MARK
- JB STORMWATER JUNCTION PIT
- EP POWER POLE
- TRANSFORMER & POWER POLE
- GAS VALVE BOX
- STOP VALVE
- LIGHT POLE
- GAS VALVE
- STORMWATER DRAINAGE PIT
- TELEPHONE POLE
- TELEPHONE PIT

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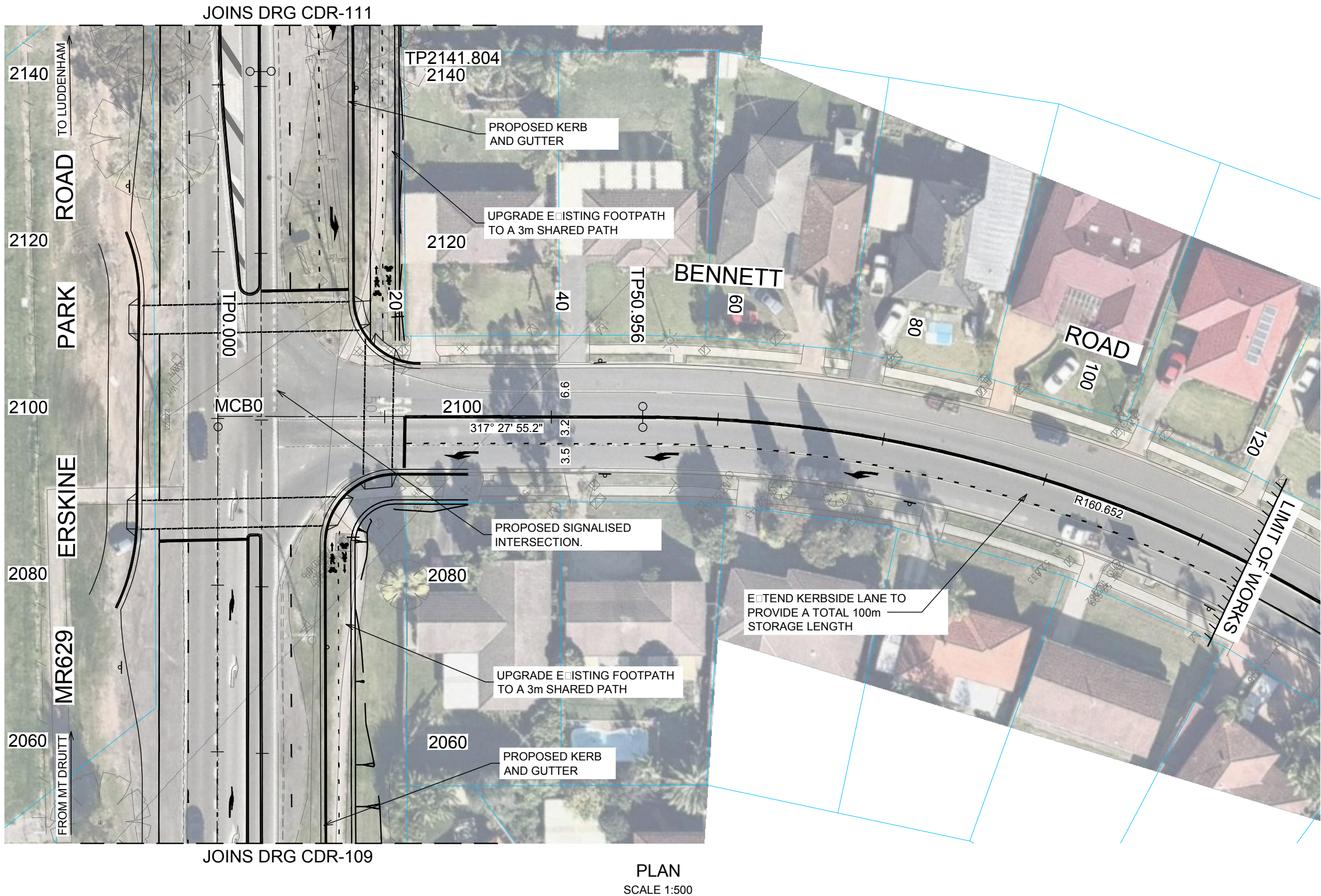
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150mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME J:\110157\110157_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-114.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 4:47:14 PM		PLOT BY rchan		CLIENT Transport Roads & Maritime Services		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MCP0 CH. 0 TO CH. 120			A3										
EXTERNAL REFERENCE FILES					REV	DATE	AMENDMENT / REVISION DESCRIPTION			WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY					TITLE		NAME		DATE		PREPARED FOR		RMS REGISTRATION No. DS2015/002540			PART 2
					A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW				P.S.	05101520 SCALE 1:500m			J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au					DRAWN		R.C									
					DRG CHECK																										
					DESIGN		R.A.S																								
					B	14/08/2015	FINAL ISSUE				P.S.	05101520 SCALE 1:500m								DESIGN CHECK		P.S									
																				DESIGN MNGR											
																				PROJECT MNGR											
												CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD								ISSUE STATUS		EDMS No.		SHEET No. CDR-114		ISSUE B		

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10mm ON A3 SIZE ORIGINAL



PLAN LEGEND

- EZ --- E: EXISTING ELECT. U/GRND LINE
- GZ --- EXISTING GAS MAIN
- OZ --- EXISTING OPTICAL FIBRE ABOVE GROUND
- TZ --- T: EXISTING TELSTRA LINE
- SZ --- S: EXISTING SEWER MAIN
- WZ --- EXISTING WATER MAIN
- WH WATER HYDRANT
- TC TRAFFIC SIGNAL BOX
- GP GAS PIPELINE MARK
- JB STORMWATER JUNCTION PIT
- EP POWER POLE
- TRANSFORMER & POWER POLE
- GAS VALVE BOX
- STOP VALVE
- LIGHT POLE
- GAS VALVE
- STORMWATER DRAINAGE PIT
- TPL TELEPHONE POLE
- TELEPHONE PIT
- REFER TO RMS SURVEY LEGEND FOR MORE DETAILS

NOTES

- REFER TO SHEET CDR-101 FOR PLAN GENERAL NOTES & SUPPLEMENTARY DRAWINGS
- REFER TO SHEET CDR-201 FOR UTILITY GENERAL NOTES & SUPPLEMENTARY DRAWINGS
- ALL OVERHEAD & UNDERGROUND UTILITIES ARE TO BE RETAINED UNAFFECTED UNLESS OTHERWISE NOTED
- ACCESS TO ALL ADJOINING PROPERTY MUST BE MAINTAINED THROUGHOUT DURATION OF THE WORKS
- MAINTAIN ALL EXISTING DRIVEWAYS AND ACCESSSES.

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DRAWING FILE LOCATION / NAME J:\110157\R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-115.dwg						DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 4:47:33 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE ROAD DESIGN - PLAN MCB0 CH. 0 TO CH. 120		A3															
EXTERNAL REFERENCE FILES						REV	DATE	AMENDMENT / REVISION DESCRIPTION			WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY				TITLE		NAME	DATE	NSW GOVERNMENT		Transport Roads & Maritime Services		PREPARED FOR		RMS REGISTRATION No.		DS2015/002540		PART 2		
						A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW				P.S.	0 5 10 15 20 SCALE 1:500m		J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS				DRAWN		R.C														
						B	14/08/2015	FINAL ISSUE				P.S.			LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au				DRG CHECK																
															CO-ORDINATE SYSTEM MGA ZONE 56				DESIGN		R.A.S														
															HEIGHT DATUM AHD				DESIGN CHECK		P.S														
																			DESIGN MNGR																
																			PROJECT MNGR																

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

PAVEMENT MARKING & SIGNPOSTING NOTES

1.

ALL PAVEMENT MARKINGS, CHEVRONS AND REFLECTORS ARE TO BE IN ACCORDANCE WITH RMS □A SPECIFICATION R141 & R142, CURRENT RMS DELINEATION GUIDELINES, AUSTRALIAN STANDARDS AND RMS SUPPLEMENTS.
2.

ALL SIGNS TO BE IN ACCORDANCE WITH CURRENT AUSTRALIAN STANDARD AS 1743 - ROAD SIGNS, RMS SUPPLEMENTS AND COUNCIL'S SPECIFICATIONS UNLESS STATED OTHERWISE.
3.

ROAD SIGNS ARE SI□E 'A', UNLESS OTHERWISE SHOWN. LOCATE OUTSIDE OF CLEAR □ONES.
4.

AUTHORIS□ATION FOR THE INSTALLATION OF ALL REGULATORY SIGNPOSTING AND LINE MARKING ILLUSTRATED ON THIS PLAN IS TO BE OBTAINED FROM RMS, TRAFFIC ENGINEERING SERVICES. REGULATORY SIGNPOSTING AND LINE MARKING SHOWN ON THESE PLANS ARE NOT APPROVED FOR INSTALLATION.
5.

SHARED PATH IS TO BE DELINEATED AND SIGNPOSTED TO COMPLY WITH CURRENT PUBLISHED NSW BICYCLE GUIDELINES AND SHOULD INCLUDE THE INSTALLATION OF PEDESTRIAN AND CYCLE PAVEMENT SYMBOLS IN ACCORDANCE WITH AUSTRALIAN STANDARDS PART 9 - BICYCLE FACILITIES.
6.

ALL NEW PAVEMENT MARKINGS ARE TO BE INSTALLED IN WHITE REFLECTIVE, THERMOPLASTIC PAINT.
7.

THE SLOPE FACE OF SF KERB ARE TO BE PAINTED WHITE (E6 LINE) IN LIEU OF AN E3 EDGE LINE. YELLOW REFLECTIVE PAVEMENT MARKERS TO BE PLACED ON PAVEMENT @ 6.0m SPACINGS ADJACENT TO THE SF KERB.
8.

RE-MARK E□ISTING PAVEMENT MARKING AS DIRECTED BY THE SUPERINTENDENT/PROJECT MANAGER.
9.

PAVEMENT MARKINGS THAT FORM NO PART OF THE FINAL WORKS ARE TO BE REMOVED BY WATER BLASTING OR OTHER METHOD AS APPROVED BY THE SUPERINTENDENT/PROJECT MANAGER.
10.

ALL MEASUREMENTS ARE IN METRES UNLESS SHOWN OTHERWISE. KERBSIDE LANE WIDTH MEASURED FROM FACE OF KERB. NO INFORMATION IS TO BE SCALED FROM THESE DRAWINGS.
11.

UTILITY INFORMATION SHOWN ON THESE PLANS IS BASED ON:

•

DIAL BEFORE YOU DIG PLANS
- TO DETERMINE THE NATURE AND E□TENT OF THIS INVESTIGATION, REFERENCE MUST BE MADE TO THIS INFORMATION PRIOR TO THE COMMENCEMENT OF ROADWORKS.

PRIOR TO CONSTRUCTION COMMENCING, THE CONTRACTOR MUST OBTAIN CURRENT DIAL BEFORE YOU DIG UTILITY PLANS BY DIALING PH 1100 OR FA□ 1300 652 077 (DIAL BEFORE YOU DIG) AND CONFIRM THE LOCATION OF ALL UTILITIES IN THE AREA OF CONSTRUCTION AND RELATED WORKS. CAUTION MUST BE E□ERCISED WHEN WORKING IN THE VICINITY OF ALL UTILITY SERVICES.

PAVEMENT MARKING & SIGNPOSTING SUPPLEMENTARY DRAWINGS

STANDARD KERB AND GUTTER SHAPES	MD.R15.A01.A.1
KERB RAMPS	MD.R173.B01.A
TYPICAL APPLICATION OF KERB RAMPS AT INTERSECTIONS	MD.R173.A01.A
PAVEMENT LINEMARKING & DIMENSIONS	MD.R60.A01.A
SECTION 16 - GUIDE POSTS & DELINEATION OF SAFETY BARRIERS	RMS DELINEATION GUIDE
RMS TCS PLAN - SOLDIERS PARADE (TCS 4632)	DS2014 / 004990
RMS TCS PLAN - MACDONALD ROAD REALIGNMENT (TCS 4633)	DS2014 / 004991
KERBS AND GUTTERS (CAMPBELLTOWN CITY COUNCIL)	TBC
KERBS AND GUTTERS (LIVERPOOL CITY COUNCIL)	TBC

LINE MARKING SCHEDULE

CODE	USE	STYLE	COLOUR & TYPE
TURNING, STOP & GIVE WAY LINES			
TF	STOP LINE AT TRAFFIC SIGNALS		REFLECTORISED WHITE
T1	DEFINES TURNING PATHS AT COMPLE□ INTERSECTIONS		REFLECTORISED WHITE
BICYCLE LANE			
S4	BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH		REFLECTORISED WHITE
S5	BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)		REFLECTORISED WHITE
C4	BICYCLE LANE CONTINUITY LINE		REFLECTORISED WHITE
E7	BICYCLE EDGE LINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS		REFLECTORISED WHITE
LANE LINES			
L1	LANE LINE ON MULTI LANE ROAD INCLUDING MOTORWAYS & DUAL CARRIAGEWAYS		REFLECTORISED WHITE TYPE 'W' PAVEMENT MARKERS MONO-DIRECTIONAL REFLECTIVE WHITE
CONTINUITY LINE			
C1	DEFINES EDGES OF THROUGH CARRIAGEWAY TO TURNING LANE, FREEWAY RAMP, BUS BAY AND START OR FINISH OF AU□ILIARY LANE		REFLECTORISED WHITE TYPE 'W' PAVEMENT MARKERS MONO-DIRECTIONAL REFLECTIVE YELLOW
KERBSIDE PARKING RESTRICTION LINES			
C2	KERBSIDE LINEMARKING FOR CLEARWAY RESTRICTIONS		REFLECTORISED WHITE
C3	KERBSIDE LINEMARKING FOR NO STOPPING RESTRICTIONS		REFLECTORISED WHITE
C4	BICYCLE LANE CONTINUITY LINE		REFLECTORISED WHITE
EDGE LINES			
E1	LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD		REFLECTORISED WHITE
E3	RIGHT HAND EDGE ON DIVIDED CARRIAGEWAY		REFLECTORISED WHITE
E4	OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE		REFLECTORISED WHITE
PEDESTRIAN CROSS WALK LINES			
PCW	PEDESTRIAN CROSS WALK LINES		REFLECTORISED WHITE

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DRAWING FILE LOCATION / NAME J:\110157\R101_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-601.dwg							DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 5:04:47 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING GENERAL NOTES & SUPP. DRAWINGS					SHEET 1 OF 15		A3							
EXTERNAL REFERENCE FILES							REV	DATE	AMENDMENT / REVISION DESCRIPTION			WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY			TITLE	NAME	DATE	 Transport Roads & Maritime Services		PREPARED FOR		RMS REGISTRATION No.		DS2015/002540		PART 2				
							A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW				P.S.	 J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au		DRAWN	R.C		DESIGN		R.A.S						DESIGN CHECK		P.S		ISSUE STATUS		EDMS No.	
							B	14/08/2015	FINAL ISSUE				P.S.							DRG CHECK														
														CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD				DESIGN MNGR														
																				PROJECT MNGR														

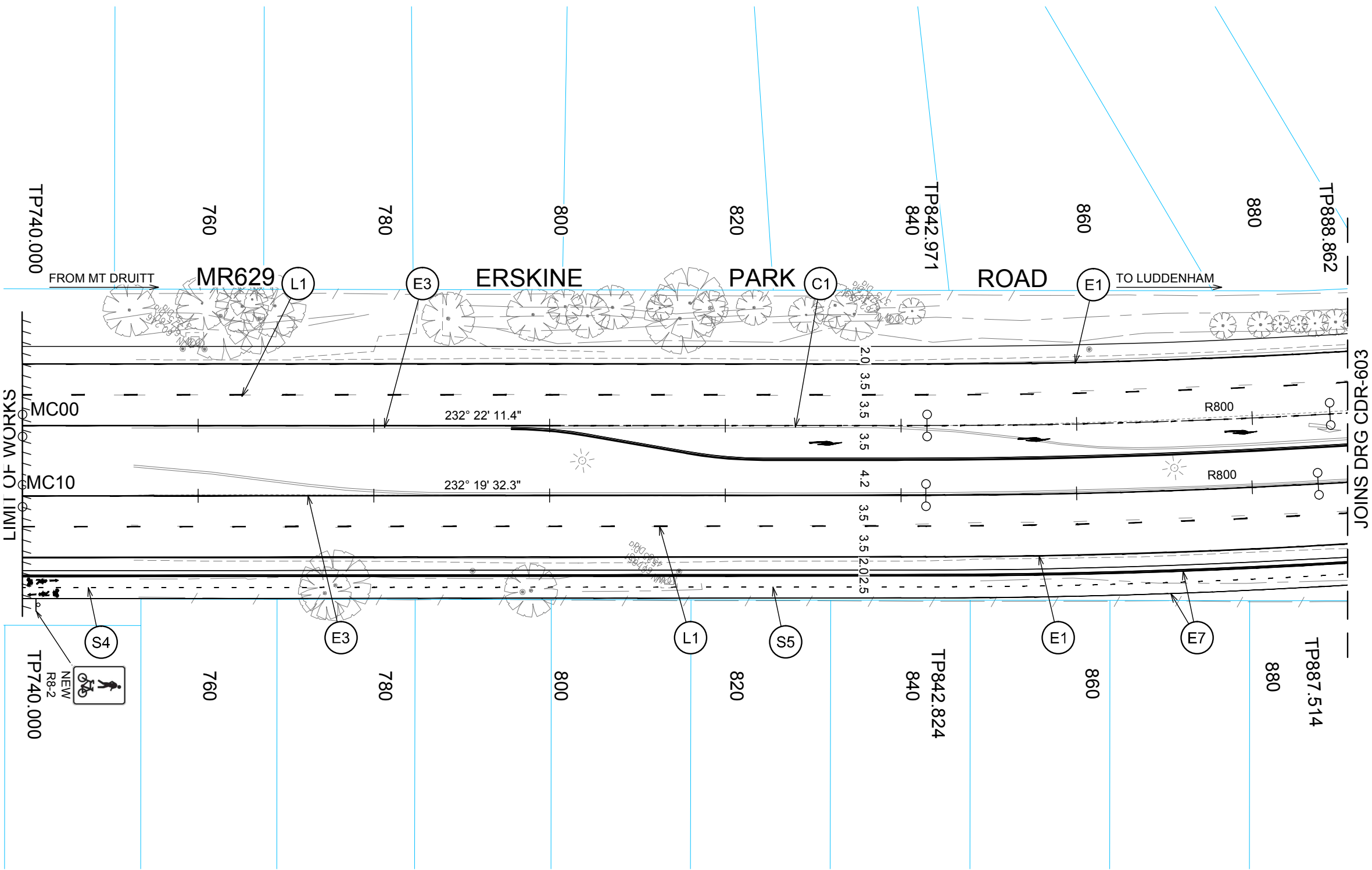


LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGE LINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

NOTES

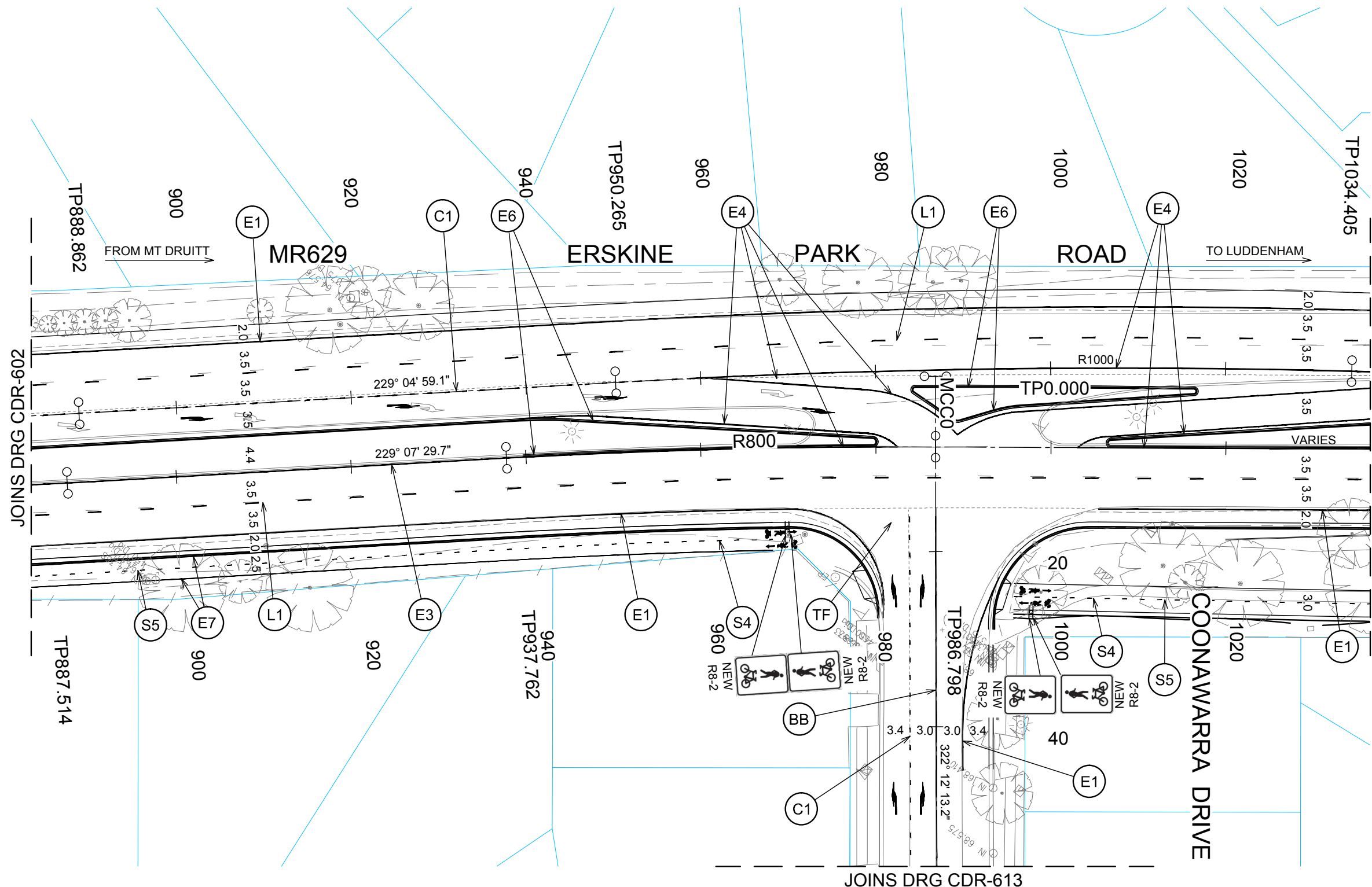
- REFER TO SHEET CDR-601 FOR LINEMARKING AND SIGNPOSTING NOTES AND SUPPLEMENTARY DRAWINGS.
- REFER TO SHEET CDR-601 FOR LINEMARKING DETAILS AND DIMENSIONS.
- EXISTING LINEMARKING AND SIGNPOSTING ALONG ERSKINE PARK ROAD, COONAWARRA DRIVE, PEPPERTREE DRIVE AND BENNETT ROAD IS TO BE RETAINED WHERE NOT DIRECTLY IMPACTED BY THE WORKS. IF DAMAGED; IT IS TO BE REINSTATED OR REPLACED AS DIRECTED BY THE PROJECT MANAGER.
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DRAWING FILE LOCATION / NAME J:\110157\R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-602.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 5:05:07 PM		PLOT BY rchan		CLIENT		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING - PLAN MC00 - CH. 740 TO CH. 888.620		SHEET 2 OF 15		PART 2							
EXTERNAL REFERENCE FILES					REV	DATE	AMENDMENT / REVISION DESCRIPTION			WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY			TITLE		NAME	DATE	PREPARED FOR		RMS REGISTRATION No.		DS2015/002540		ISSUE B	
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PLAN
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LINEMARKING LEGEND

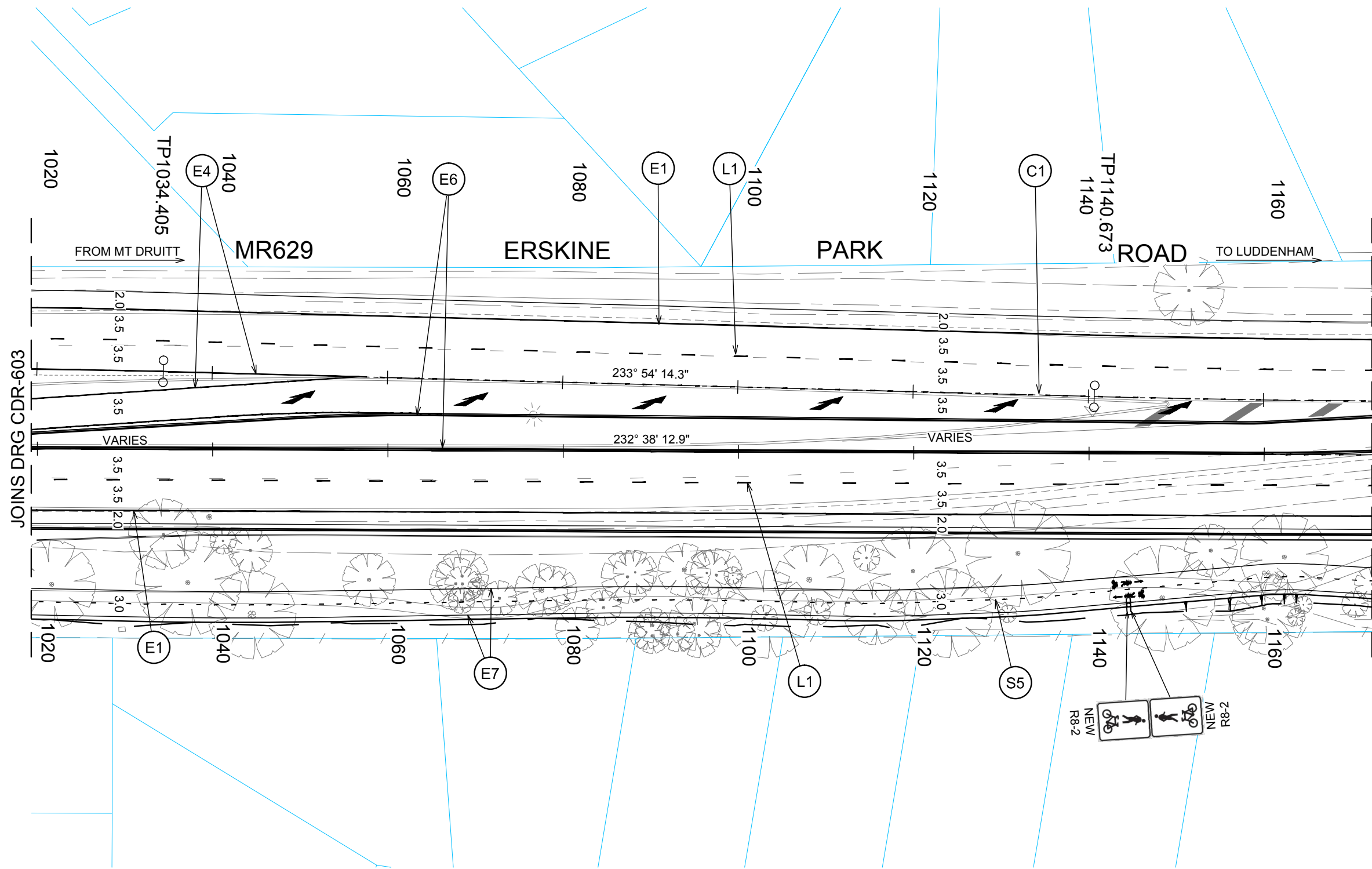
CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGELINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

NOTES

- REFER TO SHEET CDR-601 FOR LINEMARKING AND SIGNPOSTING NOTES AND SUPPLEMENTARY DRAWINGS.
- REFER TO SHEET CDR-601 FOR LINEMARKING DETAILS AND DIMENSIONS.
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DRAWING FILE LOCATION / NAME J:\110157\R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-603.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 5:05:27 PM		PLOT BY rchan		CLIENT Transport Roads & Maritime Services		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING - PLAN MC00 - CH. 888.620 TO CH. 1034.405		A3												
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PLAN
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LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGELINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

NOTES

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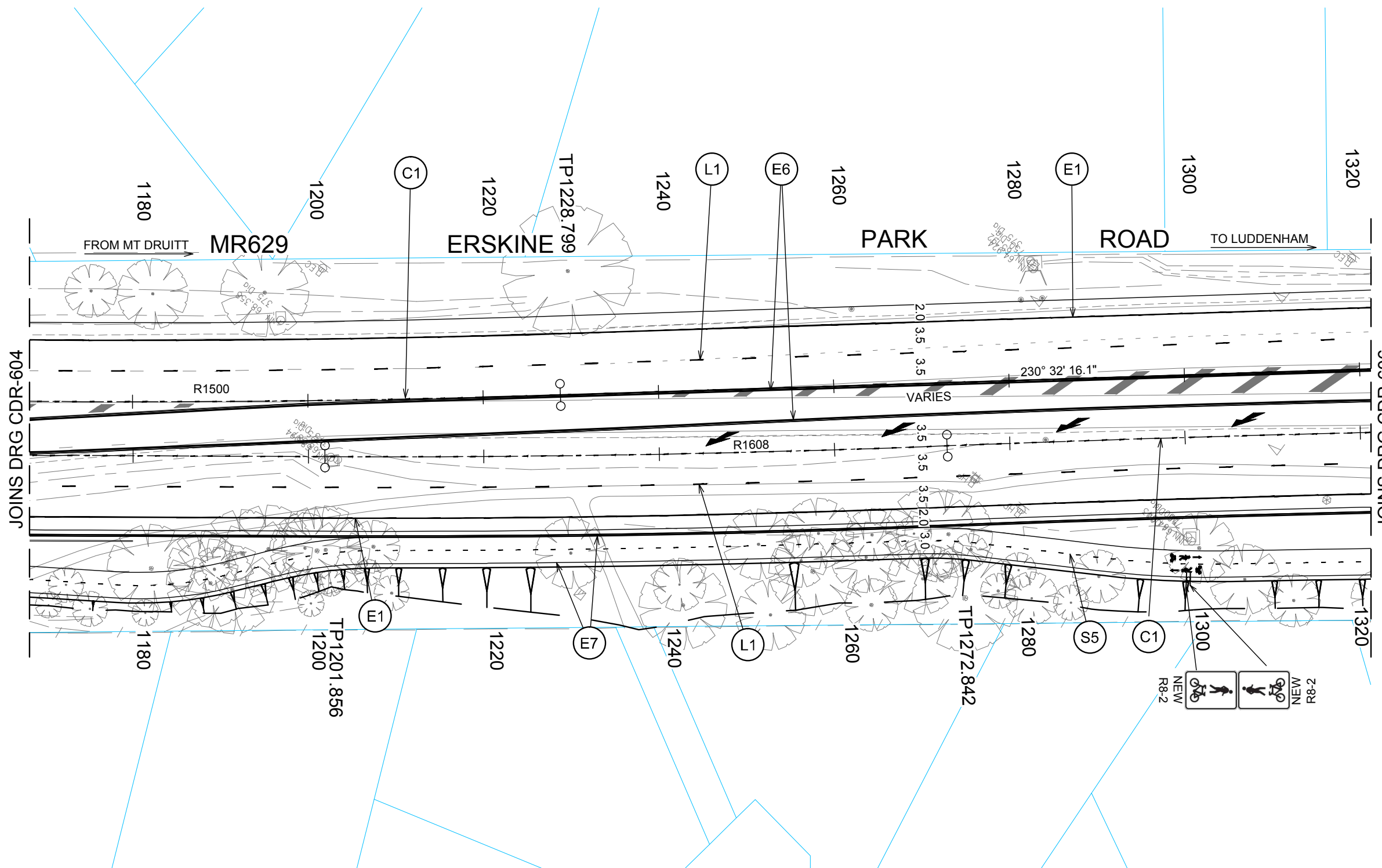


LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
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L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

NOTES

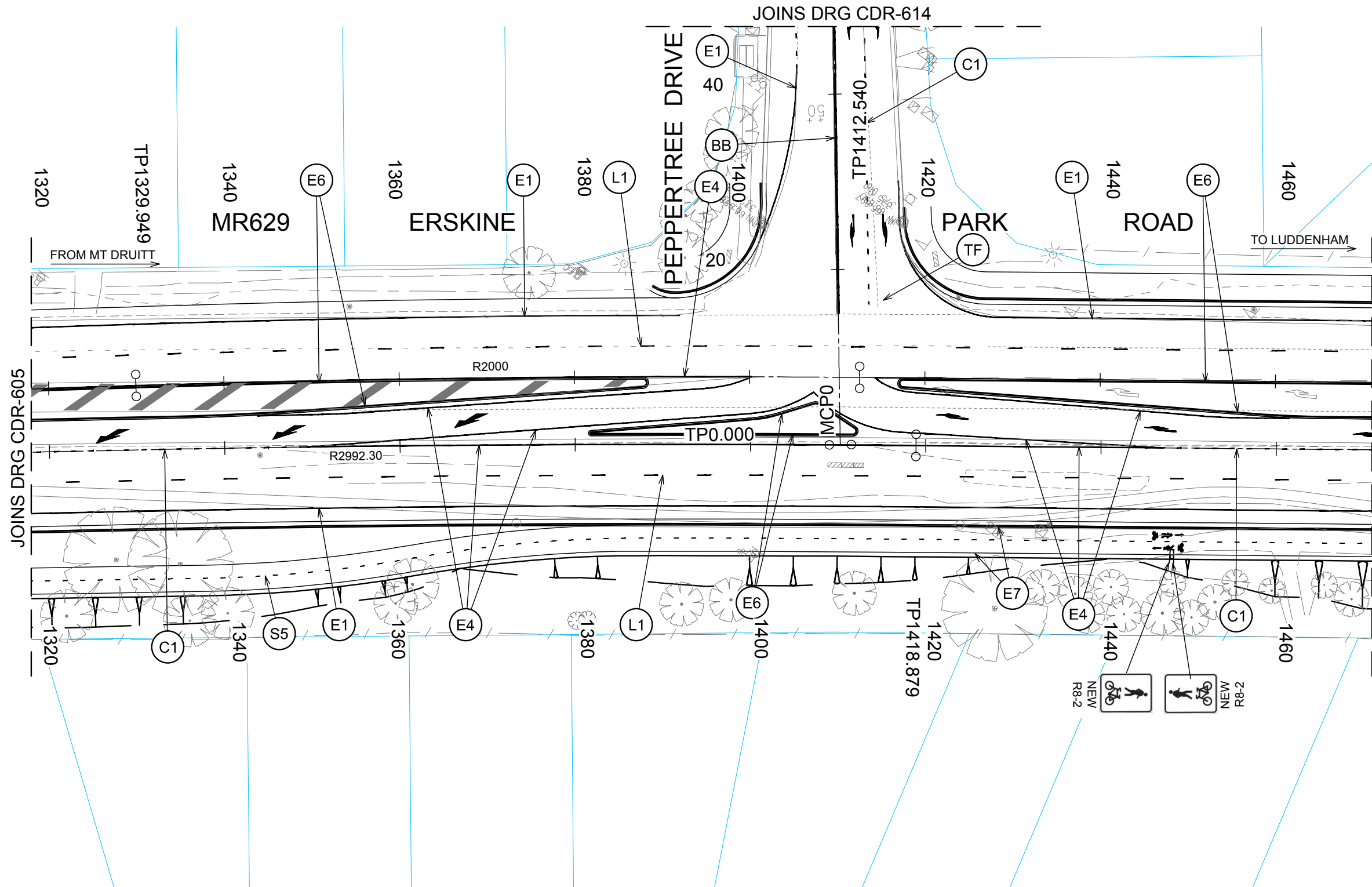
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DRAWING FILE LOCATION / NAME J:\110157\R01_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-605.dwg			DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING			PLOT DATE / TIME 14/08/2015 5:06:06 PM		PLOT BY rchan		CLIENT Transport Roads & Maritime Services		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING - PLAN MC00 - CH. 1180 TO CH. 1320		A3		
EXTERNAL REFERENCE FILES			REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		TITLE		NAME	DATE	PREPARED FOR	
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			B	14/08/2015	FINAL ISSUE			DESIGN					R.A.S					
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													PROJECT MNGR				DS2015/002540	
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																	EDMS No.	
																	SHEET No.	
																	CDR-605	
																	PART	
																	2	
																	ISSUE	
																	B	



LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
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E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGELINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
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DRAWING FILE LOCATION / NAME J:\110157\RD1_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-606.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 5:06:26 PM		PLOT BY rchan		CLIENT Transport Roads & Maritime Services		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING - PLAN MC00 - CH. 1320 TO CH. 1460		A3														
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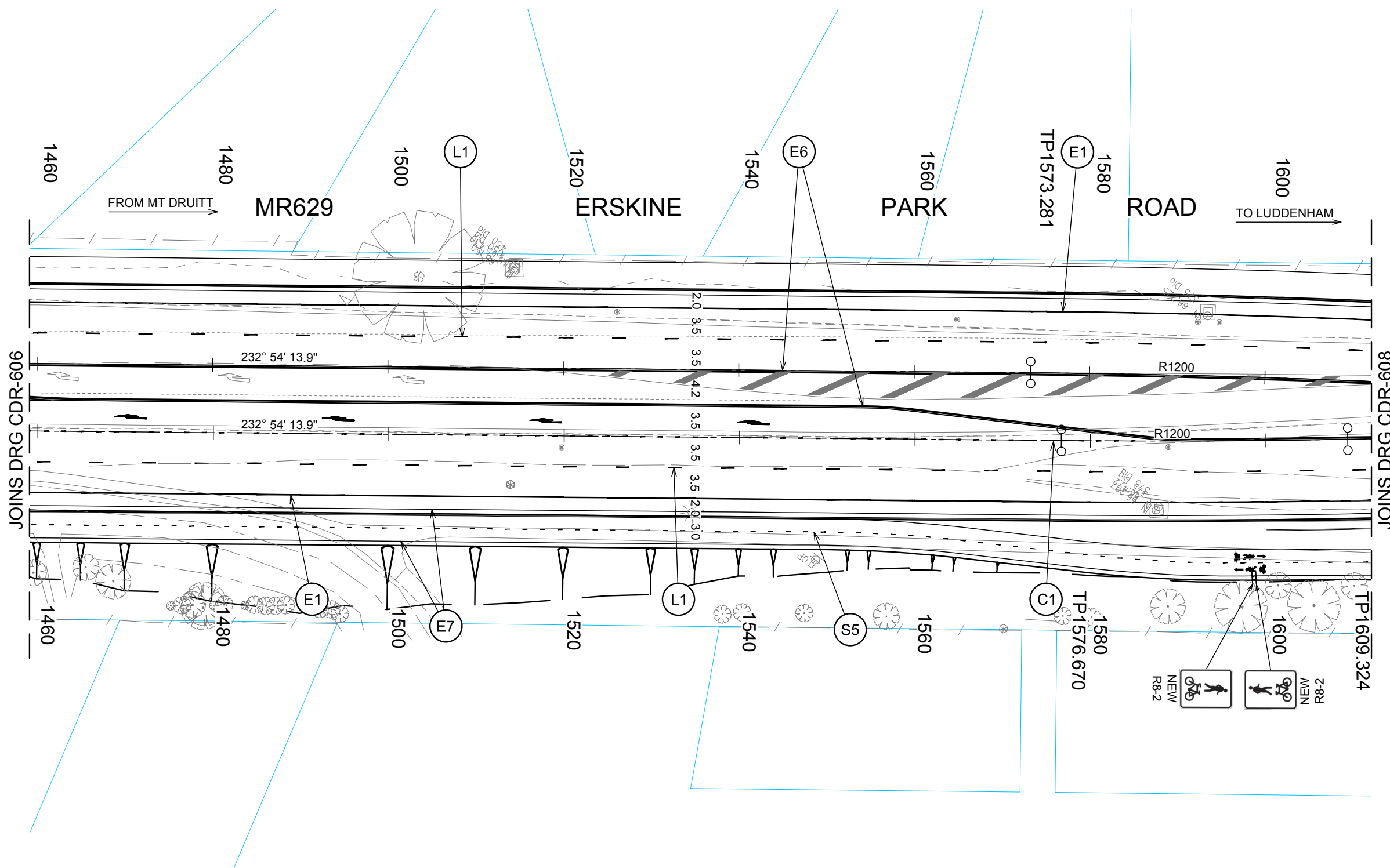


LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGE LINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

NOTES

- REFER TO SHEET CDR-601 FOR LINEMARKING AND SIGNPOSTING NOTES AND SUPPLEMENTARY DRAWINGS.
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PLAN
SCALE 1:500

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DRAWING FILE LOCATION / NAME J:\110157\RD1_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-607.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 5:06:45 PM		PLOT BY rchan		CLIENT Transport Roads & Maritime Services		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING - PLAN MC00 - CH. 1460 TO CH. 1609.324		A3			
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																			SHEET No.		CDR-607		
																			PART		2		
																			ISSUE		B		



LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGE LINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

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JOINS DRG CDR-607

JOINS DRG CDR-609

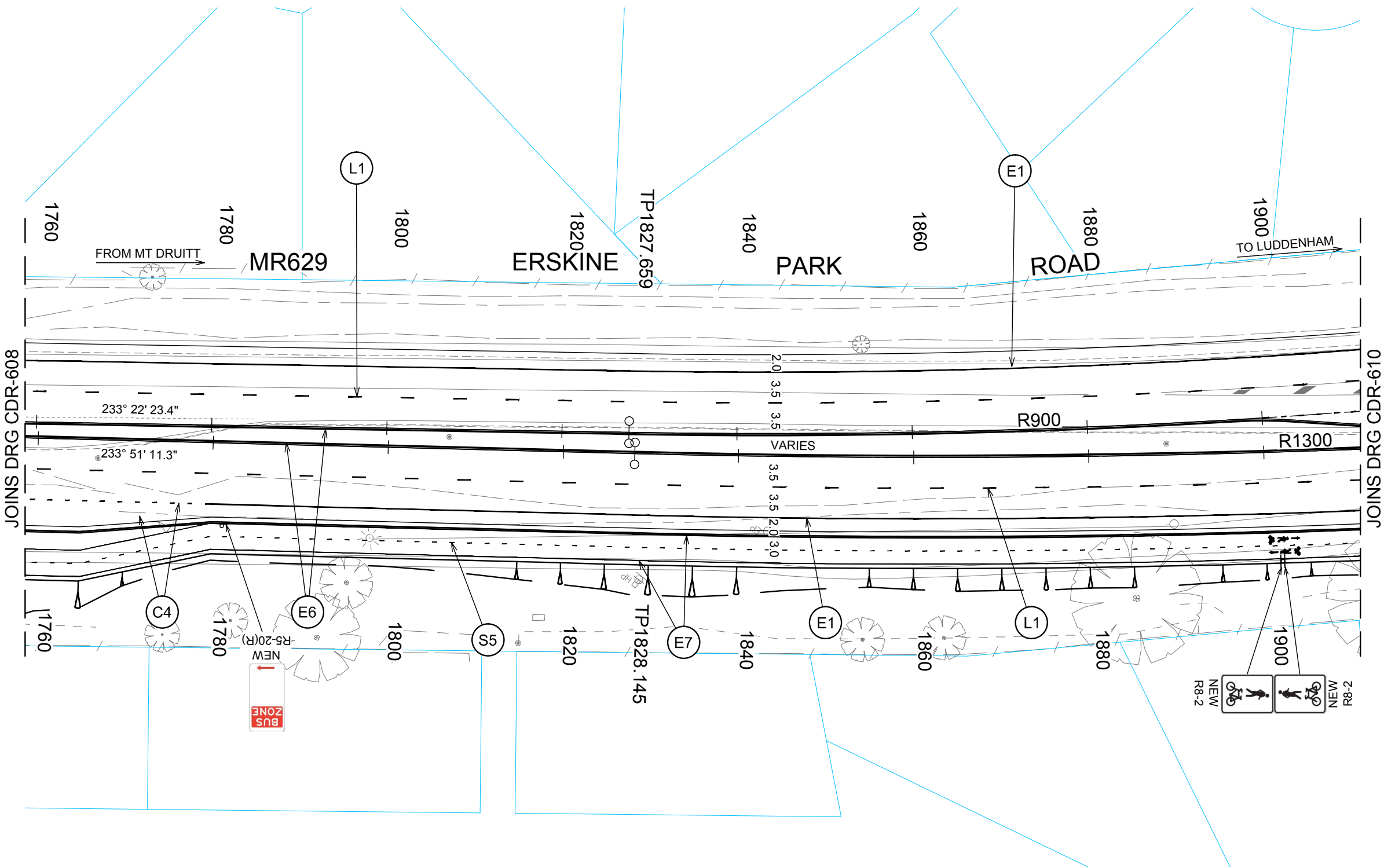
PLAN
SCALE 1:500

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150mm ON A3 SIZE ORIGINAL

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					DESIGN CHECK		P.S				PROJECT MNGR																														



LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGELINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
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50mm ON A3 SIZE ORIGINAL

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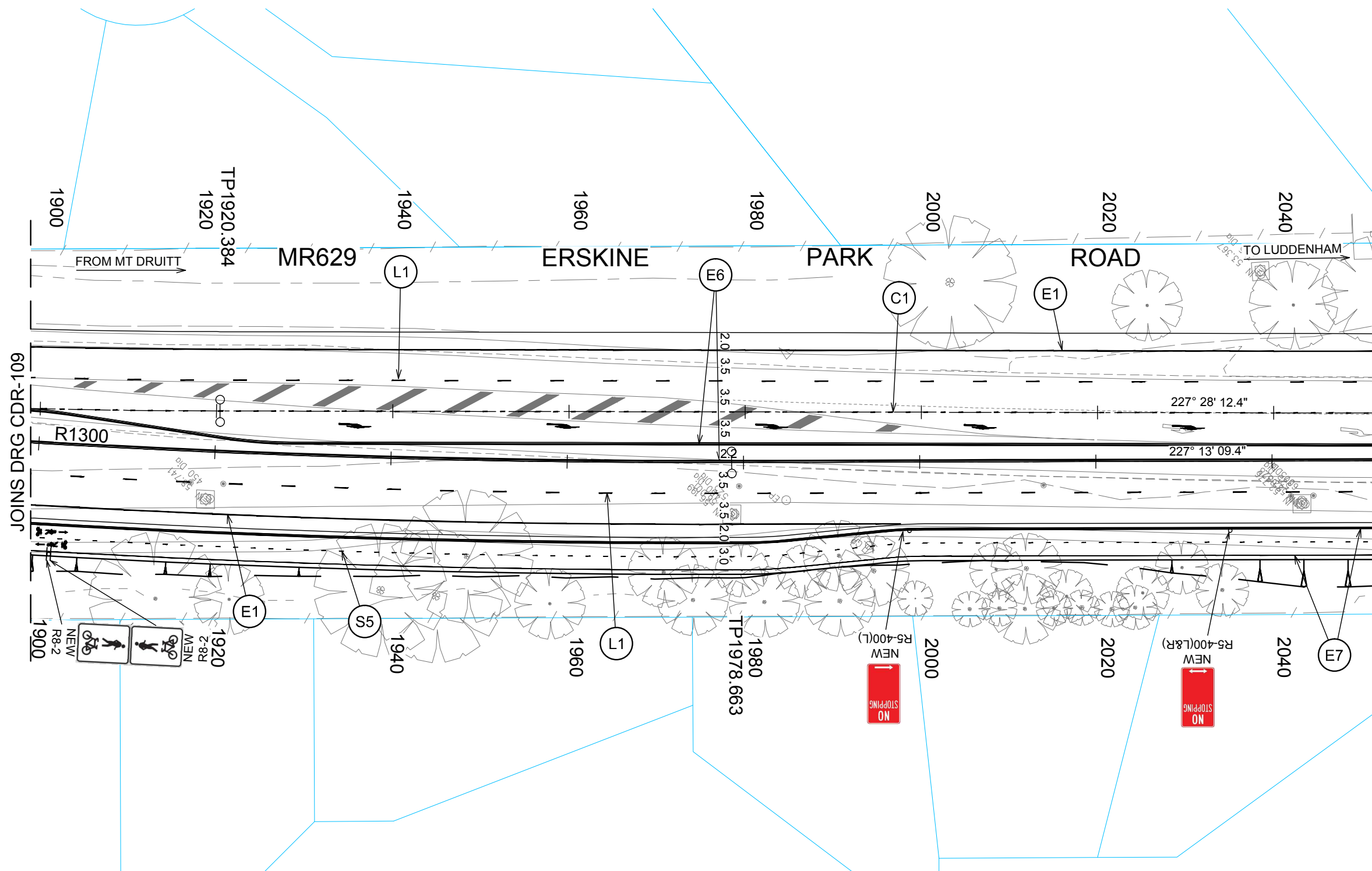


LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
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E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGELINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

NOTES

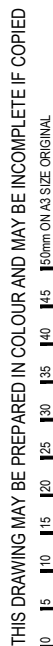
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PLAN
SCALE 1:500

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DRAWING FILE LOCATION / NAME J:\110157\110157\CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-610.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					PLOT DATE / TIME 14/08/2015 5:07:49 PM		PLOT BY rchan		CLIENT Transport Roads & Maritime Services		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING - PLAN MC00 - CH. 1900 TO CH. 2040		A3																							
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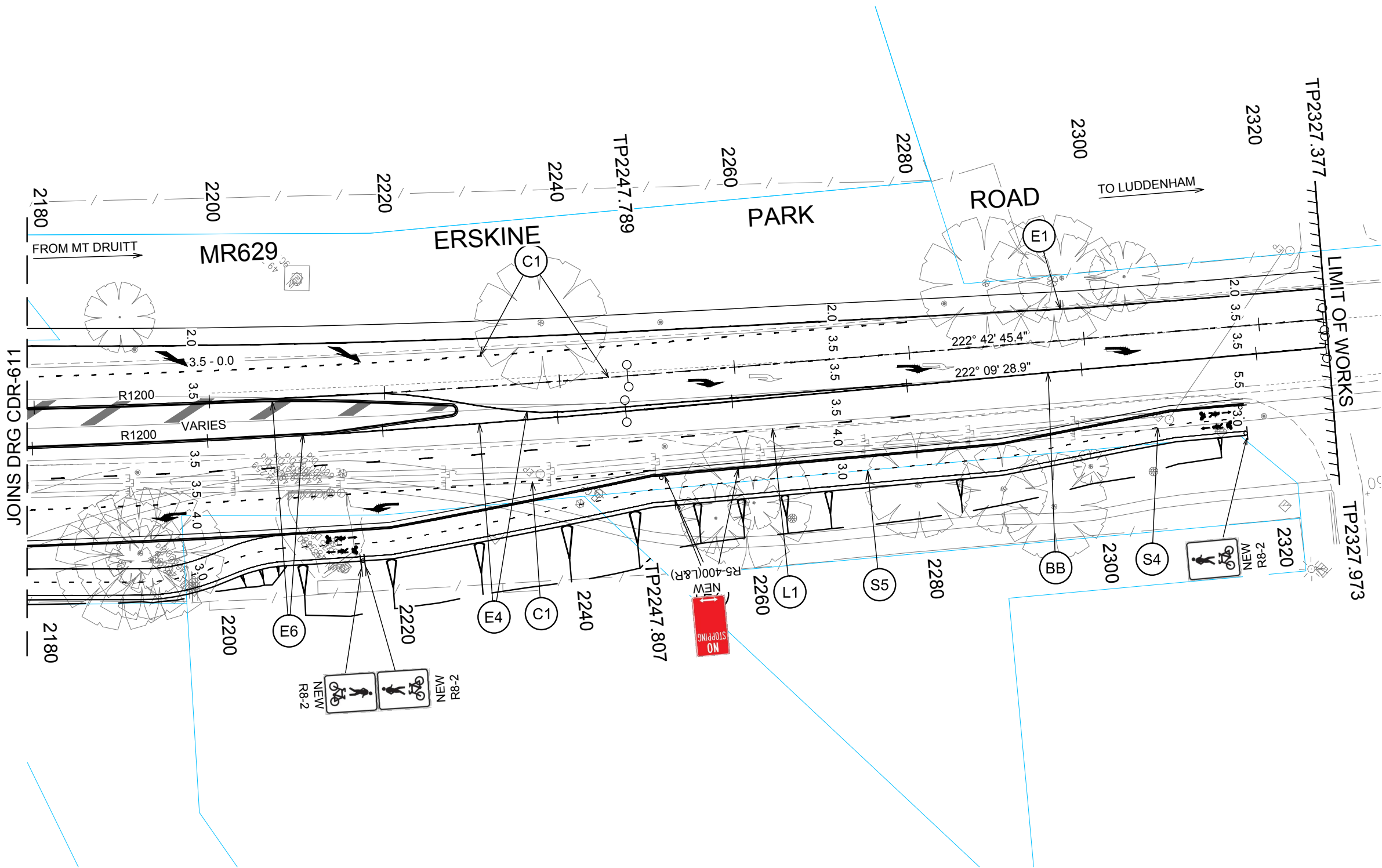
CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
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A3

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LINEMARKING LEGEND

CODE	STYLE	USE
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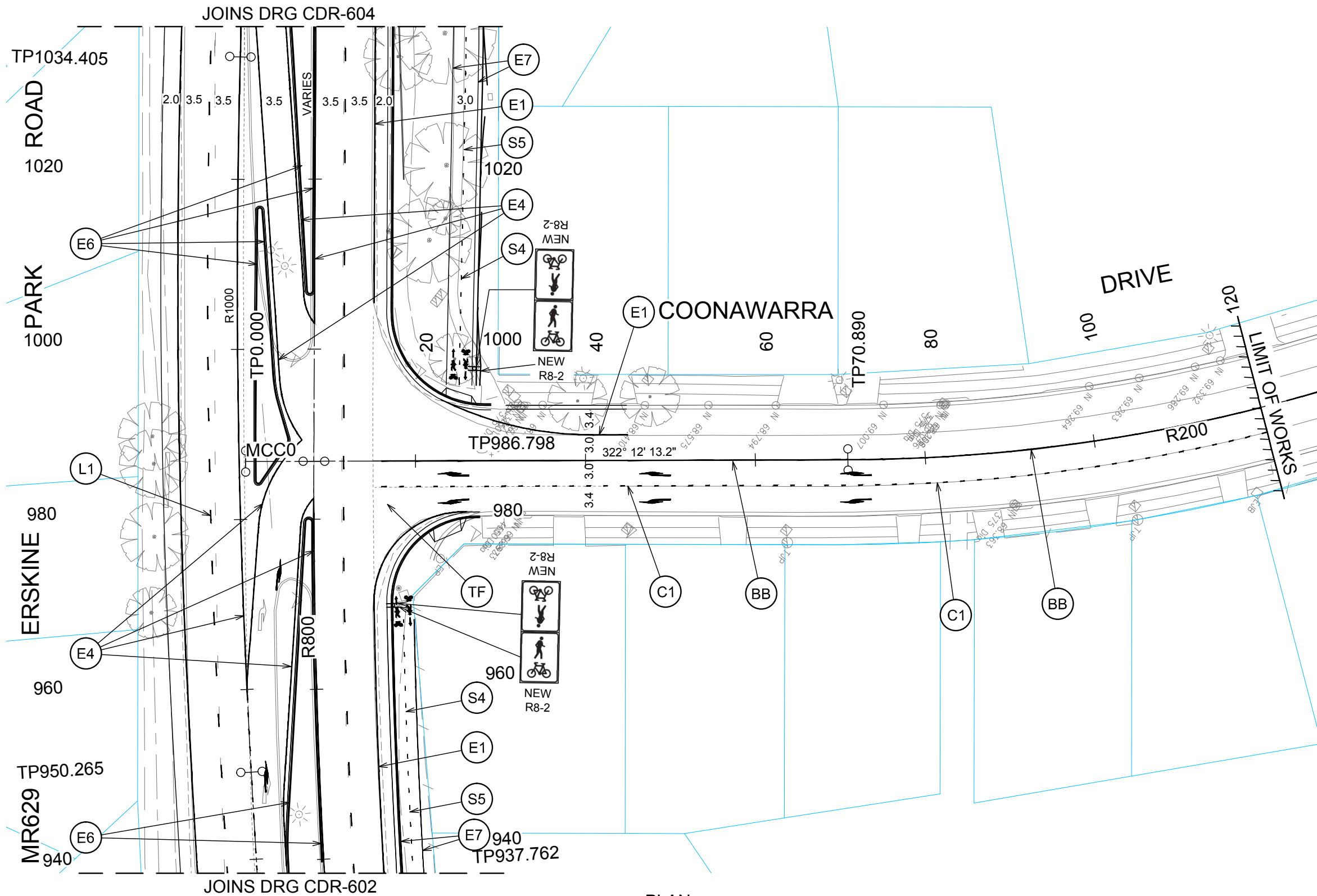
NOTES

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PLAN
SCALE 1:500

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LINEMARKING LEGEND

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10mm ON A3 SIZE ORIGINAL

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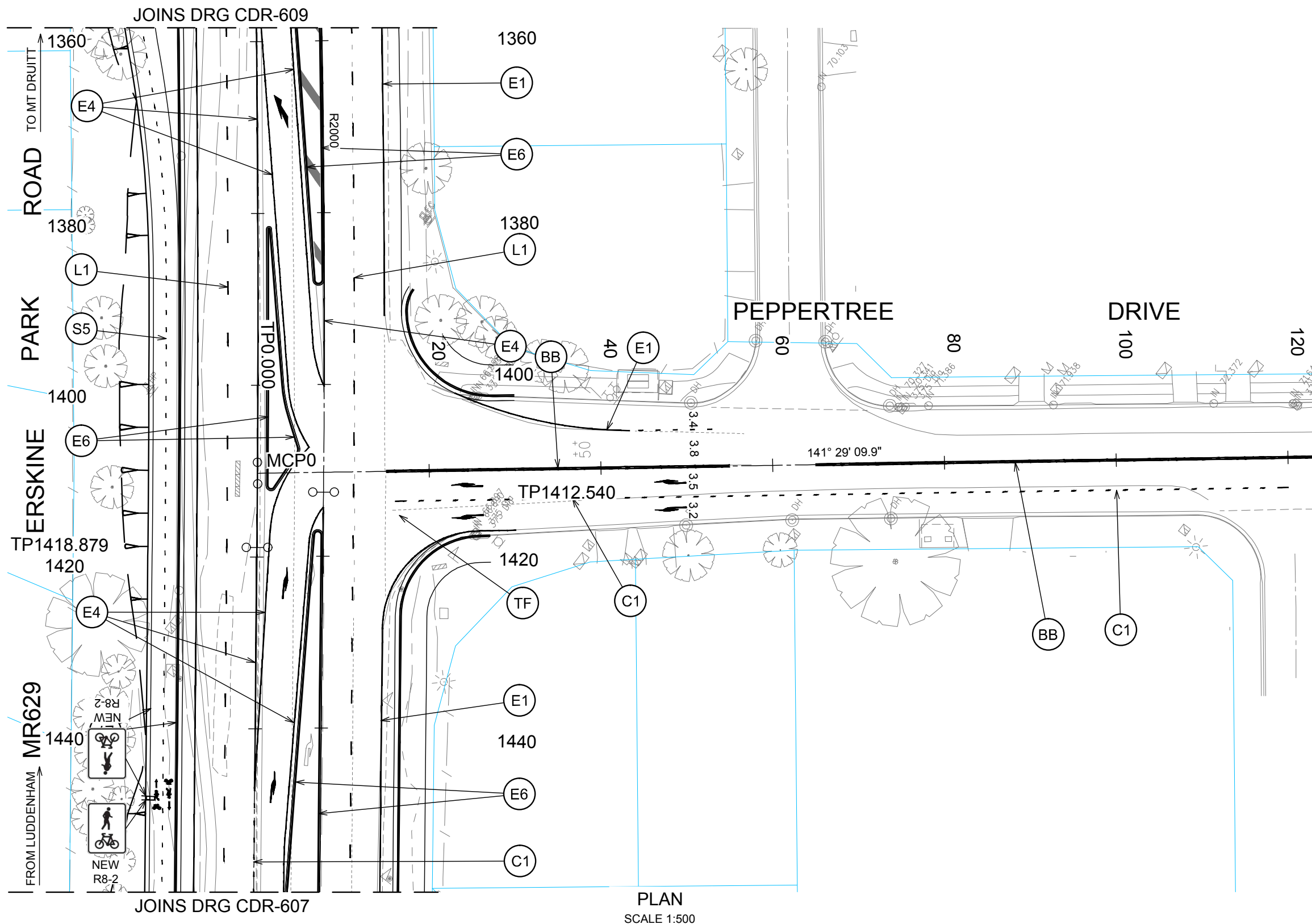


LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGE LINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

NOTES

- REFER TO SHEET CDR-601 FOR LINEMARKING AND SIGNPOSTING NOTES AND SUPPLEMENTARY DRAWINGS.
- REFER TO SHEET CDR-601 FOR LINEMARKING DETAILS AND DIMENSIONS.
- EXISTING LINEMARKING AND SIGNPOSTING ALONG ERSKINE PARK ROAD, COONAWARRA DRIVE, PEPPERTREE DRIVE AND BENNETT ROAD IS TO BE RETAINED WHERE NOT DIRECTLY IMPACTED BY THE WORKS. IF DAMAGED; IT IS TO BE REINSTATED OR REPLACED AS DIRECTED BY THE PROJECT MANAGER.
- LINEMARKING AND SIGNPOSTING AT THE INTERSECTION IS FOR INFORMATION ONLY. REFER TO RMS TCS PLANS FOR DETAILS WITHIN THE INTERSECTIONS.

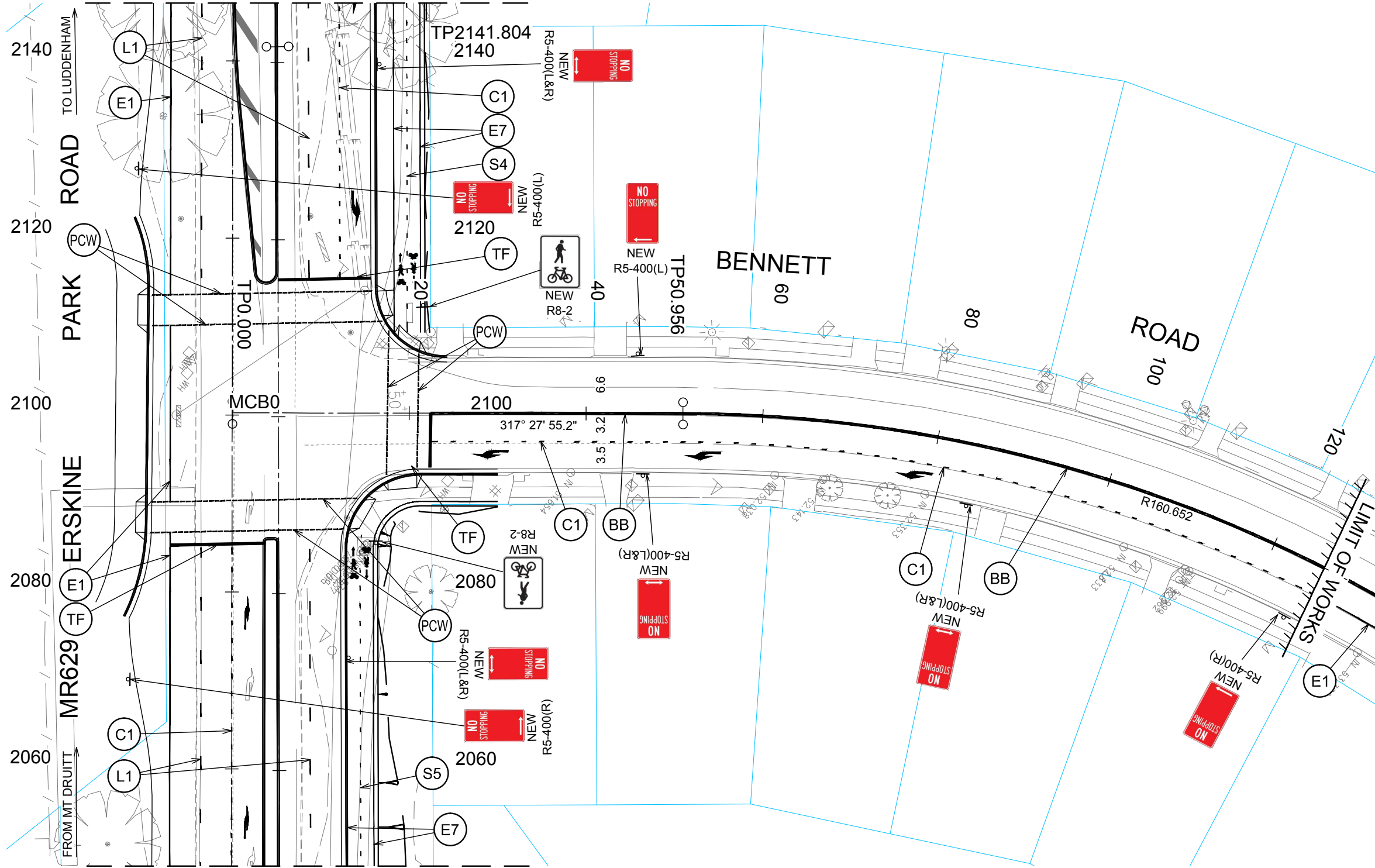


NOT FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES				WVR No.		APPROVAL		SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY				TITLE		NAME		DATE			
				A		23/06/2015		FINAL ISSUE FOR STAKEHOLDER REVIEW						DRAWN		R.C					
				B		14/08/2015		FINAL ISSUE						DRG CHECK							
														DESIGN		R.A.S					
														DESIGN CHECK		P.S					
														DESIGN MNGR							
														PROJECT MNGR							
																		PREPARED FOR			



JOINS DRG CDR-611



JOINS DRG CDR-609

PLAN
SCALE 1:500

LINEMARKING LEGEND

CODE	STYLE	USE
TF		STOP LINE AT TRAFFIC SIGNALS
T1		DEFINES TURNING PATHS AT COMPLEX INTERSECTIONS
E1		LEFT HAND EDGE LINE ON GENERAL PURPOSE ROAD
E3		RIGHT HAND EDGE LINE ON DIVIDED CARRIAGEWAY
E4		OUTLINE OF TRAFFIC ISLAND OR FREEWAY RAMP GORE
E6		LINE APPLIED TO INCLINE FACE OF MEDIAN KERB
E7		BICYCLE EDGE LINE FOR OFF-ROAD BIKE PATHS & SHARED PATHS
L1		LANE LINE ON MULTI LANE ROADS & DUAL CARRIAGEWAYS
PCW		PEDESTRIAN CROSS WALK
C1		DEFINES EDGE OF THROUGH CARRIAGEWAY ADJACENT TO TURNING LANE AND START OR FINISH OF AUXILIARY LANE
C4		BICYCLE LANE CONTINUITY LINE
S4		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH
S5		BICYCLE LANE SEPARATION LINE FOR OFF-ROAD BIKE PATH (STRAIGHT SECTIONS)

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DRAWING FILE LOCATION / NAME J:\110157\110157_CDR - Concept Plans\Part 2 - Coonawarra Dr, Peppertree Dr & Bennett Rd\110157-CDR-615.dwg						DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING				PLOT DATE / TIME 14/08/2015 5:09:30 PM		PLOT BY rchan		CLIENT Transport Roads & Maritime Services		PENRITH CITY COUNCIL AREA MR629 ERSKINE PARK ROAD COONAWARRA DRIVE TO BENNETT ROAD PROPOSED INTERSECTION UPGRADE SIGNPOSTING & LINEMARKING - PLAN MCB0 CH. 0 TO CH. 120		A3								
EXTERNAL REFERENCE FILES						REV	DATE	AMENDMENT / REVISION DESCRIPTION		WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY				TITLE	NAME	DATE	PREPARED FOR		RMS REGISTRATION No.		PART 2			
						A	23/06/2015	FINAL ISSUE FOR STAKEHOLDER REVIEW			P.S.	051015 SCALE 1:500m		J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS LEVEL 1, 77 UNION ROAD PENRITH NSW 2750 P (02) 4720 3000 E jwp@jwprince.com.au				DRAWN	R.C				DS2015/002540		SHEET No. CDR-615			
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												DESIGN	R.A.S															
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												CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD						PROJECT MNGR							ISSUE B	