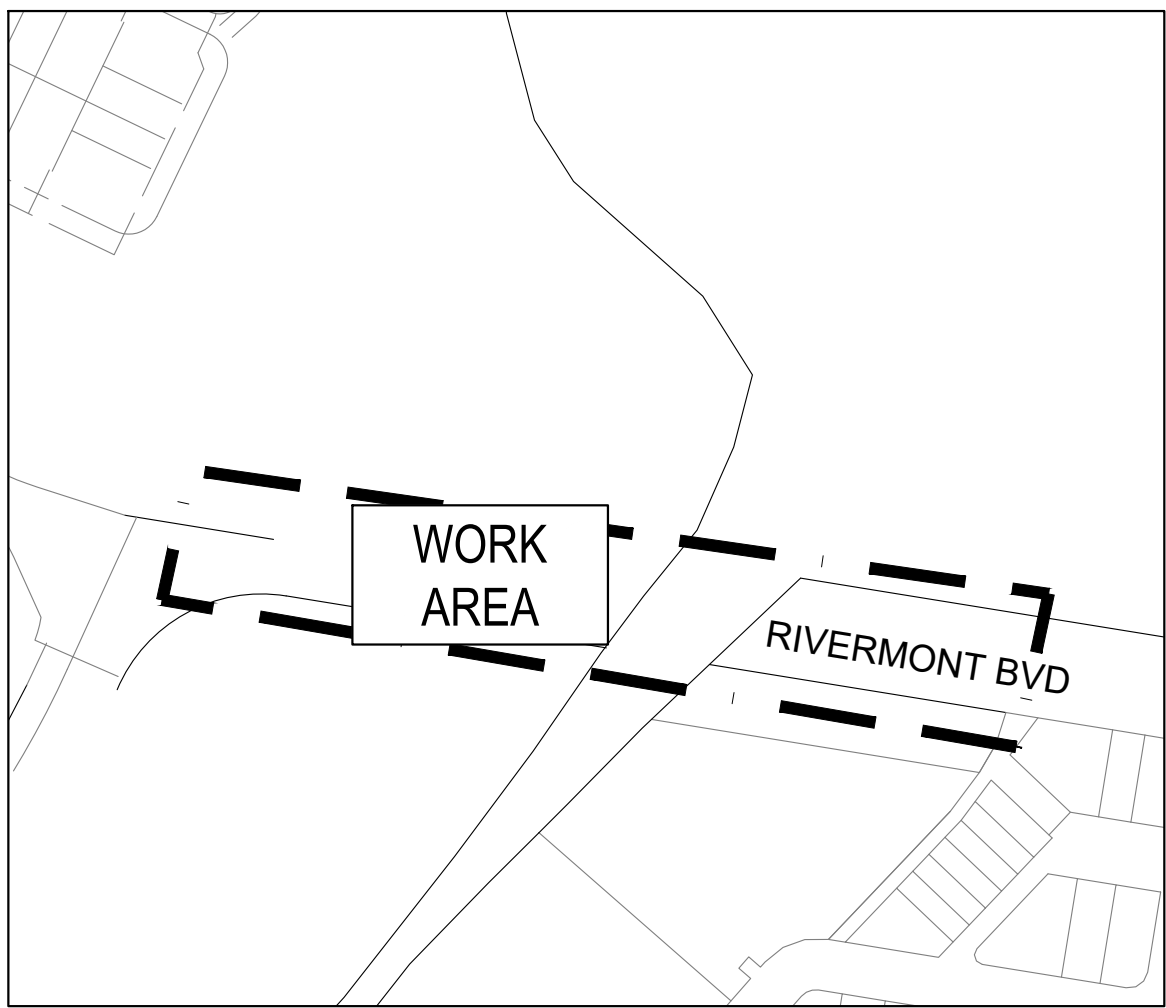
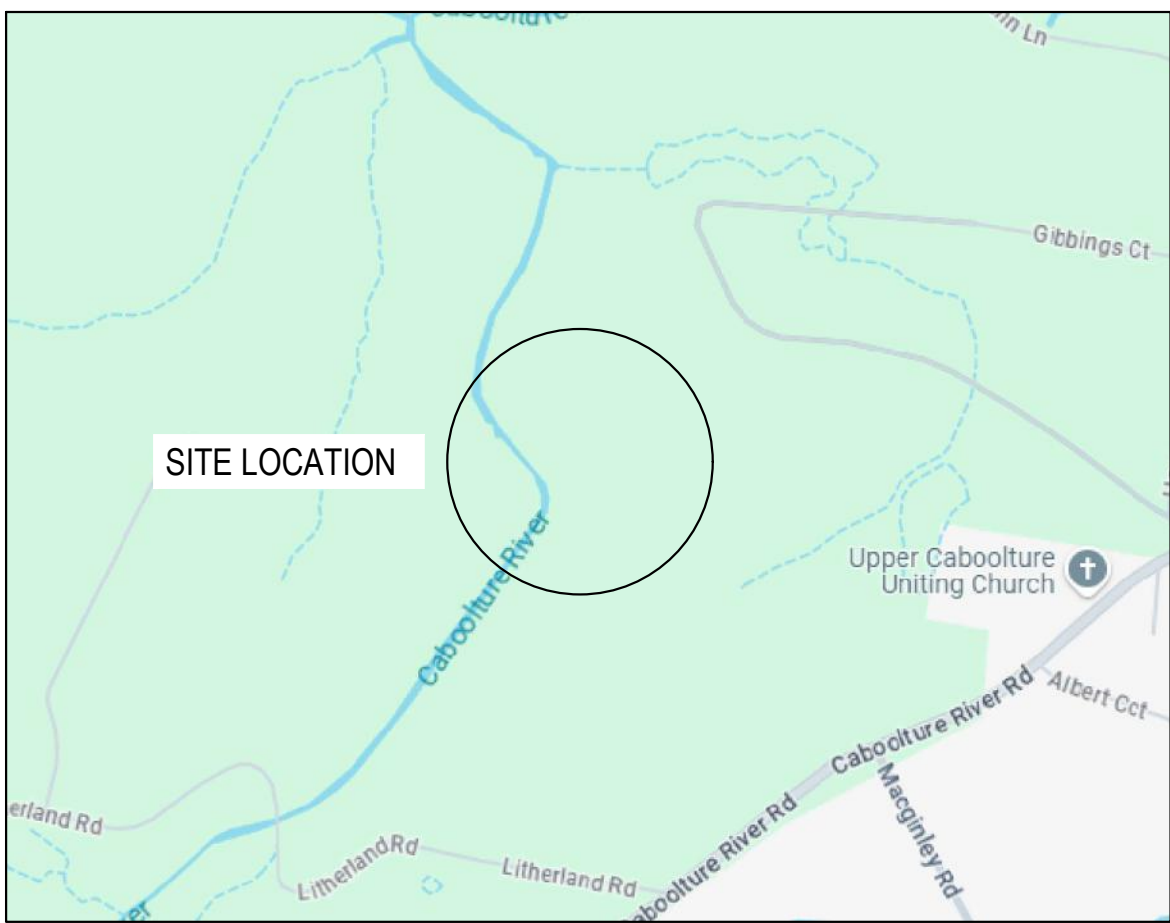


RIVERMONT BVD

CABOOLTURE RIVER RD, UPPER CABOOLTURE



KEY MAP
N.T.S.



LOCALITY PLAN
N.T.S.

ENERGEX STANDARDS

THE CONTRACTOR IS TO READ THIS PLAN TOGETHER WITH ALL RELEVANT ENERGEX STANDARDS, TECHNICAL SPECIFICATIONS AND MANUALS. THESE DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO:

- UNDERGROUND DISTRIBUTION CONSTRUCTION MANUAL.
- OVERHEAD CONSTRUCTION MANUAL.
- OVERHEAD DESIGN MANUAL.
- NETWORK LABELLING AND SIGNAGE MANUAL.
- QLD PUBLIC LIGHTING CONSTRUCTION MANUAL.

CONSUMERS INSTALLATIONS SHALL COMPLY WITH AS/NZS 3000:2018 - SAA WIRING RULES.

FOR DETAILS OF TRENCH CROSS-SECTIONS, REFER TO ENERGEX UNDERGROUND DISTRIBUTION CONSTRUCTION MANUAL.

GENERAL NOTES

- NO OTHER SERVICES TO ENCOACH INTO THE STANDARD UNDERGROUND ELECTRICITY CORRIDOR OF 0mm - 900mm FROM RP BOUNDARY. (NOTE 0mm - 1000mm FROM BACK OF KERB FOR COMMUNITY TITLE DEVELOPMENTS).
- ALL CABLES TO BE INSTALLED IN CONDUIT WITHIN THE STANDARD ELECTRICITY ALIGNMENT ALLOCATED BY THE LOCAL COUNCIL. WHERE CONDUITS VARY FROM THIS AND AT ROAD CROSSINGS, PROTECTIVE STRIP IS TO BE INSTALLED. WHERE PRACTICAL ELECTRICITY CABLES SHALL NOT BE CLOSER THAN 250mm TO THE REAL PROPERTY BOUNDARY.
- THE CONTRACTOR SHALL MEASURE ACTUAL CABLE LENGTHS REQUIRED ON SITE AFTER INSTALLATION OF CONDUITS THEN NOTIFY ENERGEX/SUPPLIER WHEN CONFIRMING CABLE ORDER.
- ALL BENDS INSTALLED ON 100mm AND 125mm RETICULATION CONDUITS MUST BE 1830mm RADIUS UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR TO SUPPLY ALL LABELS AND SITE ID NUMBERS TO ENERGEX SPECIFICATION.
- ELECTRICAL CONTRACTOR TO INSTALL FOOTPATH CONDUITS.
- ELECTRICITY PILLARS TO HAVE 600mm EXCLUSION ZONE FROM ALL OTHER SERVICES.
- ENERGEX SUPPLY AGREEMENT AND AUTHORITY TO CONSTRUCT TO BE IN PLACE PRIOR TO STARTING WORKS ON ENERGEX NETWORK.
- CONSTRUCTION OF THE OVERHEAD AND UNDERGROUND ELECTRICAL RETICULATION INFRASTRUCTURE ONLY USES ENERGY QUEENSLAND APPROVED MATERIALS, INSTALLATION EQUIPMENT AND INSTALLATION TECHNIQUES.
- ALL DIMENSIONS FOR LAYOUT DRAWINGS IN THIS WORKS PLAN ARE IN METERS UNLESS OTHER WISE SHOWN.

PROPOSED COMMISSIONING PLAN

TENTATIVE ONLY - SUBJECT TO AMENDMENT BY ENERGEX OUTAGE CO-ORDINATOR

LV ONLY x 1

LV

- CHECK OPEN LP12724711 - WOODGROVE CT
- OPEN SC12724727 FS1 - WOODGROVE CT
- PERFORM LV WORKS AS REQUIRED
- CLOSE SC12724727 FS1 - WOODGROVE CT

STREETLIGHTING NOTE

THIS PLAN COMPRISES OF RATE 3 STREETLIGHTING.
REFER TO ELECTRICAL RETICULATION DESIGN: C10830-BR1-3

CIVIL CONTRACTOR NOTE

CIVIL CONTRACTOR TO ENSURE ALL CONDUITS ARE INSTALLED PRIOR TO CONSTRUCTION OF FOOTPATHS, DRIVEWAYS AND RETAINING WALLS (WHERE REQUIRED).

	DRAWING INDEX
1	OVERALL PLAN
2	WORKS PLAN
3	SCHEDULES & MATERIALS LIST
4	EXISTING & PROPOSED LV SCHEMATIC
5	S/L ISOLUX & S/L COMPLIANCE CERTIFICATE

AS CONSTRUCTED CABLE CERTIFICATION

ALL CABLES DETAILED FOR INSTALLATION ON THIS DRAWING HAVE BEEN CHECKED USING THE CABLE LOCATOR DESCRIBED BELOW AND ARE ACCORDING TO MEASUREMENTS TAKEN ON THE CORRECT ALIGNMENT AND AT THE CORRECT DEPTHS BELOW THE FINISHED SURFACE LEVEL. ALIGNMENTS ARE SUBJECT TO THE ACCURACY OF THE SURVEY PEGS INSTALLED AT TIME OF LOCATION.

CABLE LOCATIONS CARRIED OUT BY:

CHECKER PHONE NUMBER: _____

LOCATION DATE: _____

LOCATOR MODEL: _____

LOCATOR SERIAL NO: _____

CALIBRATION DATE: _____

CHECKER SIGNATURE: _____

AS CONSTRUCTED CONDUIT CERTIFICATION

ALL CONDUITS INSTALLED AS PART OF THIS PROJECT HAVE PASSED MANDREL TESTING AND HAVE BEEN PROVIDED WITH DRAW ROPE IN ACCORDANCE WITH ENERGEX STANDARDS.

CONFIRMED BY: _____

DATE: _____

SIGNATURE: _____

REFERENCED DRAWINGS

FILE NAME	COMPANY	DATE RECEIVED
x16-151_base.dwg	KN GROUP	10/01/2025
x16-151_base 20250228.dwg	KN GROUP	2/03/2025

LEGEND

	BOUNDARY OF WORKS		ELECTRICAL PILLAR - EXISTING / NEW
	ELECTRICAL OVERHEAD - EXISTING		LINK PILLAR
	ELECTRICAL OVERHEAD - NEW		COMMERCIAL / INDUSTRIAL PILLAR
	ELECTRICAL OVERHEAD - RECOVER		ELECTRICAL PIT - EXISTING / PROPOSED
	ELECTRICAL UNDERGROUND - EXISTING		UNDERGROUND JOINT - EXISTING / PROPOSED
	ELECTRICAL UNDERGROUND - NEW		POLE - LV / HV ONLY
	ELECTRICAL UNDERGROUND - RECOVER		POLE - HV & LV
	CONSUMERS OVERHEAD - EXISTING		POLE TRANSFORMER
	CONSUMERS OVERHEAD - NEW		POLE TERMINATION - HV & LV
	CONSUMERS OVERHEAD - RECOVER		EARTH ELECTRODE
	CONSUMERS UNDERGROUND - EXISTING		POLE STAY - GROUND / AERIAL
	CONSUMERS UNDERGROUND - NEW		PADMOUNT TRANSFORMER
	CONSUMERS UNDERGROUND - RECOVER		RING MAIN UNIT
	RP BOUNDARY & PEG		CONDUIT - COMMS / 50mm / 100mm / 125mm
	EASEMENT BOUNDARY		UNDERGROUND CABLE - RECOVER / EX / NEW
	KERBLINE		STREET LIGHT - LED
	RETAINING WALL		STREET LIGHT - HIGH PRESSURE SODIUM 70W
	SEWER MAIN		STREET LIGHT - HIGH PRESSURE SODIUM 100W
	WATER MAIN		STREET LIGHT - HIGH PRESSURE SODIUM 150W
	STORMWATER		STREET LIGHT - HIGH PRESSURE SODIUM 250W
	RAINWATER		STREET LIGHT - HIGH PRESSURE SODIUM 400W
	OPEN DRAIN / SWALE		STREET LIGHT - MERCURY VAPOUR 50W
	GAS		STREET LIGHT - MERCURY VAPOUR 80W
	TELECOMMUNICATIONS		STREET LIGHT WITH AEROSCREEN
	FENCE		LV DISCONNECTION LINKS - OPEN / CLOSED
	ZERO-LOT BOUNDARY		HV SWITCH - OPEN / CLOSED
	DRIVEWAY		DROP OUT FUSES - OPEN
			STATION NUMBER

UNDERGROUND SERVICES IDENTIFICATION

WORK CREWS WHO WILL BE EXCAVATING AT THIS SITE ARE ADVISED TO CONTACT THE "BEFORE YOU DIG AUSTRALIA" SERVICE TO DETERMINE THE EXTENT OF EXISTING UNDERGROUND SERVICES AND THE REQUIREMENTS OF THE APPROPRIATE SERVICE PROVIDERS. IT IS THE RESPONSIBILITY OF THE WORKS CREWS TO HAVE ALL EXISTING SERVICES AFFECTED BY THESE WORKS LOCATED ON SITE TO AVOID ANY DAMAGE DURING EXCAVATION WORKS. WHERE SERVICES HAVE BEEN SHOWN ON THE PLAN, THESE LOCATIONS ARE INDICATIVE ONLY AND NO WARRANTY IS IMPLIED AS TO THEIR ACCURACY.



**DIAL 1100
BEFORE YOU DIG**

BEFORE YOU DIG AUSTRALIA
PHONE - 1100
WEB - www.byda.com.au
YOUR REQUEST SHOULD BE FORWARDED 5 WORKING DAYS BEFORE PLANNED EXCAVATION DATE.

LOCATION OF UTILITIES

THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL UNDERGROUND SERVICES PRIOR TO COMMENCING WORK AT THE SITE, AND IS RESPONSIBLE FOR THE REPAIR OF DAMAGE TO UNDERGROUND OR OVERHEAD UTILITY ASSETS, ARISING FROM THESE WORKS. CONTACT "BEFORE YOU DIG AUSTRALIA".

Registered Professional Engineer of Queensland
MR BORUI JIN
RPEQ 32457
DIV: ELECTRICAL

Signature: *Borui Jin* Date: 15.10.2025

Certification that the design complies with the requirements of EQL Standards and Policies.

FOR CONSTRUCTION

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K.F	COUNCIL ENDORSED - FOR CONSTRUCTION	27/05/2025	A
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TITLE BLOCK REVISION: CVIS005			



INFRASTRUCTURE SERVICES

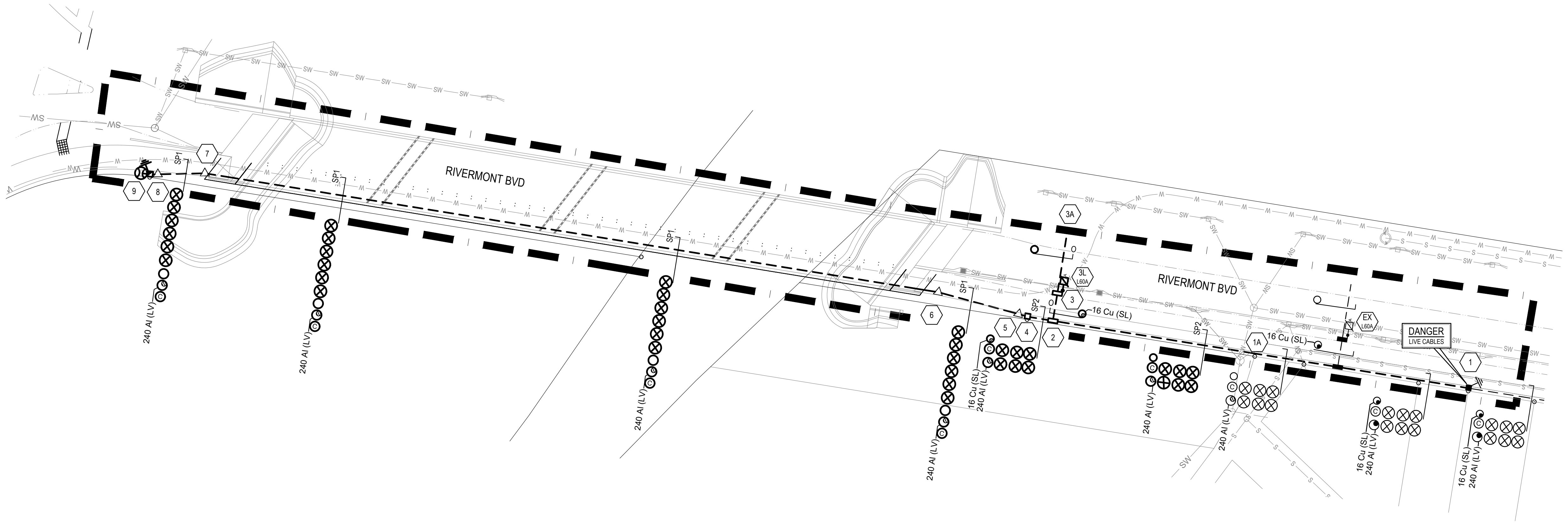
Web: <https://cvinfrastructure.com.au>
Email: en.design@cvservices.com.au
Phone: (07) 3622 4333
Address: 148 Hedley Avenue,
Hendra QLD, 4011

SITE CONTACT DETAILS		ALIGNMENTS		PROPERTY DESCRIPTION	
NAME	MICHAEL WESSLING	ENERGEX OH	3.0	NUMBER OF LOTS:	0
COMPANY	CV SERVICES GROUP	ENERGEX UG	0.9	PROPOSED LOTS:	N/A
PHONE	(07) 3622 4333	TELSTRA	DBYD	CANCELLING LOTS:	
MOBILE	0473 681 326	GAS	DBYD		
FAX	-	HP GAS	DBYD	LOCAL AUTHORITY:	MBAY
EMAIL	Michael.Wessling@cvservices.com.au	WATER	DBYD	AUTHORITY REF. No:	DA/41766/2020/V23P
		STORMWATER	DBYD	RPEQ:	
		SEWERAGE	DBYD		
		OTHER	DBYD	BORUI JIN	RPEQ #32457

APPROVED: T. FOSTER PHONE: 0448 903 388
CHECKED: G. WENZEL PHONE: 0417 408 246
DESIGNER: K. FIGUEROA PHONE: 0475 845 631
PLANNER: L. WEST PHONE: 0427 123 724
ISSUE DATE: 27/05/2025

ELECTRICAL RETICULATION & STREETLIGHTING	
RIVERMONT BVD CABOOLTURE RIVER RD, UPPER CABOOLTURE 4513	
OVERALL PLAN	

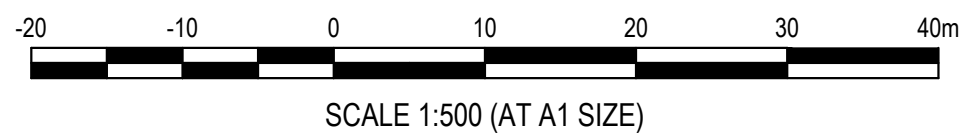
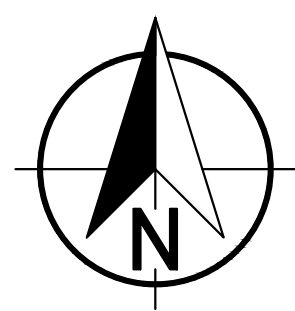
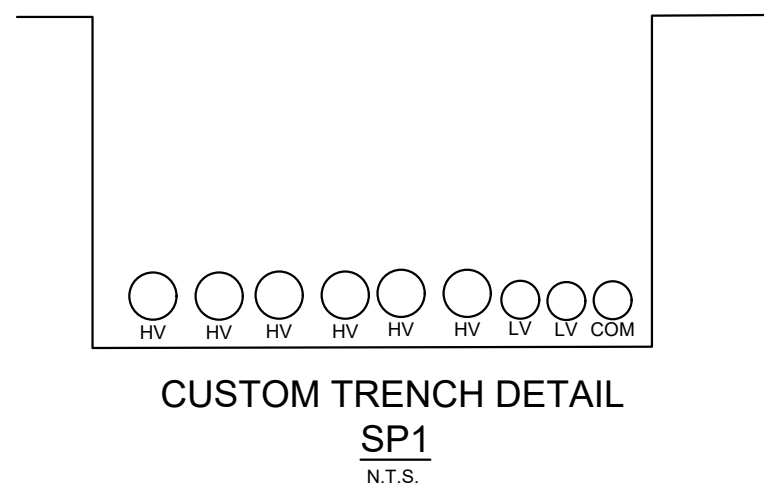
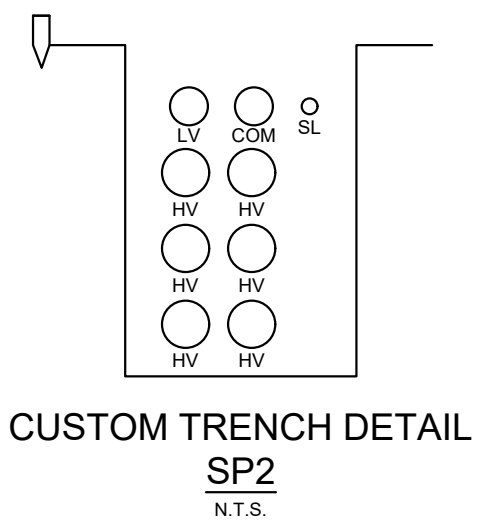
SCALE: N/A	@ A1
DRAWING NUMBER:	C10830-BR1-1
PROJECT NUMBER:	S4901348
SHEET 1 OF 5	A



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4897

Date: 22/06/2026



Registered Professional Engineer of Queensland
MR BORUI JIN
RPEQ 32457
DIV: ELECTRICAL
Signature: *Borui Jin* Date: 15.10.2025
Certification that the design complies with the
requirements of EQL Standards and Policies.

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TITLE BLOCK REVISION: CVIS005			



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Web: <https://cvinfrastructure.com.au>
Email: en.design@cvservices.com.au
Phone: (07) 3622 4333
Address: 148 Hedley Avenue,
Hendra QLD, 4011

SITE CONTACT DETAILS		ALIGNMENTS		PROPERTY DESCRIPTION	
NAME	MICHAEL WESSLING	ENERGEX OH	3.0	NUMBER OF LOTS:	0
COMPANY	CV SERVICES GROUP	ENERGEX UG	0.9	PROPOSED LOTS:	N/A
PHONE	(07) 3622 4333	TELSTRA	DBYD	CANCELLING LOTS:	
MOBILE	0473 681 326	GAS	DBYD	LOCAL AUTHORITY:	MBAY
FAX	-	HP GAS	DBYD	AUTHORITY REF. No:	DA/41766/2020/V23P
EMAIL	Michael.Wessling@cvservices.com.au	WATER	DBYD	RPEQ:	
		STORMWATER	DBYD		
		SEWERAGE	DBYD		
		OTHER	DBYD		

APPROVED:	T. FOSTER
PHONE:	0448 903 388
CHECKED:	G. WENZEL
PHONE:	0417 408 246
DESIGNER:	K. FIGUEROA
PHONE:	0475 845 631
PLANNER:	L. WEST
PHONE:	0427 123 724
ISSUE DATE:	27/05/2025

ELECTRICAL RETICULATION & STREETLIGHTING	
RIVERMONT BVD CABOOLTURE RIVER RD, UPPER CABOOLTURE 4513	
WORKS PLAN	

SCALE: 1:500	@ A1
DRAWING NUMBER:	C10830-BR1-1
PROJECT NUMBER:	S4901348
SHEET 2 OF 5	A

EQUIPMENT SCHEDULE													
LOCATION	STN No.	SITE ID	EXIST	REC	INSTALL	SIZE & DESCRIPTION	IIN	COMP ID	PLANT NO	MODEL ID	QTY	LCC	REMARKS
RIVERMONT BVD					X	CABLE MARKER ON A CONCRETE BLOCK (150mm LONG)				1350-2	4		
	1	U12743784	X			2 WAY PILLAR		PH1			1		
			X			MEN PILLAR EARTHING		EA1			1		
					X	PILLAR LUGSET 240mm² AL 4C CABLE				LVSP14-6	1		
	2	U12743762			X	SUGSLLPIT4SERVICE/MAJ/MIN/RD LOOPING				SUGSLLPIT4	1		
	3	U12743763			X	SUGSLLPIT4SERVICE/MAJ/MIN/RD LOOPING				SUGSLLPIT4	1		
	4	U12743764			X	2 WAY PILLAR		PH1		LVSP4-6	1		
	9	LP12743766			X	2 WAY LINK PILLAR		PH1		LVSP14-6	1		
					X	MEN LINK PILLAR EARTHING		EA1		1037-1	1		
					X	(L) LETTER				SC0017319	1		
					X	32ASTREET LIGHT FUSE				SC0004434	1		

URD CIVIL WORKS SCHEDULE - FOOTPATH - ELECTRICAL CONTRACTOR TO INSTALL																							
LOCATION	STATION FROM - TO	CONDUIT LENGTH (m)								BENDS (°)								X-SECTION (m)		PVC STRIP	DRAW WIRE	KERB MARK	REMARKS
		50mm	No.	100mm	No.	125mm	No.	100mm COMS	No.	50mm	No.	100mm	No.	125mm	No.	100mm COMS	No.	EXCAV / TAPE	TRENCH DETAIL				
RIVERMONT BVD	1A-2	42	1	42	1	42	6	42	1									42	SP2		396		
	2-4	4	1	4	1	4	6	4	1									4	SP2		54		
	2-3	5	1															5	O		7		
	3-3L	1	1															1	O	1	3		
	4-5			1	1	1	6	1	1									1	SP2		24		
	5-6			16	1	16	6	16	1									16	SP1		144		TRANSITION CONDUITS AS REQUIRED BACK TO STANDARD CONFIGURATION AND HARD COVER
	6-7			149	1	149	6	149	1									149	SP1		1208		
	7-8			9	1	9	6	9	1									9	SP1		88		TRANSITION CONDUITS AS REQUIRED BACK TO STANDARD CONFIGURATION AND HARD COVER
	8-9			1	1	1	6	1	1									1	SP1		24		

URD / RATE 2 CIVIL WORKS SCHEDULE - ROADWAY - CIVIL CONTRACTOR TO INSTALL																							
LOCATION	STATION FROM - TO	CONDUIT LENGTH (m)								BENDS (*) - ELECTRICAL CONTRACTOR TO INSTALL								X-SECTION (m)		PVC STRIP	DRAW WIRE	KERB MARK	REMARKS
		50mm	No.	100mm	No.	125mm	No.	100mm COMS	No.	50mm	No.	100mm	No.	125mm	No.	100mm COMS	No.	EXCAV/ TAPE	TRENCH DETAIL				
RIVERMONT BVD	3 - 3A	11	1														11	O	11	13	2		
TOTAL		11								ELECTRICAL CONTRACTOR TO SUPPLY BENDS AS REQUIRED								11		11	13	2	

UNDERGROUND CABLE SCHEDULE													
LOCATION	STATION FROM - TO	VOLTS	EXIST	TRF	REC	INSTALL	CABLE SIZE / TYPE	MODEL ID	ROUTE LENGTH (m)	CABLE LENGTH (m)		LCC	REMARKS
										NEW	REC		
RIVERMONT BVD	1-9	LV				X	240mm² AL 4C XLPE	LVA4240XPV	278	286			VIA STN 2
	2-3	SL				X	16mm² Cu 2C PVC/PVC	LVC216PVPV	5	9			
	3-3L	SL				X	4mm² Cu 2C PVC/PVC	LVC24PVPV	1	5			
	2-4	SL				X	16mm² Cu 2C PVC/PVC	LVC216PVPV	4	8			

RATE 2 STREETLIGHT SCHEDULE																								
LOCATION	STN No.	SITE ID (POLE No.)	POLE or COMPONENTS						LUMINAIRE										OUTREACH BRACKET				MOUNT	REMARKS
			COMP ID	EXIST (m)	REC (m)	ERECT (m)	SLM or IIN	ALIGN (m)	COMP ID	EXIST	RECOVER		DATE		ERECT	DATE	SLM or IIN	EXIST (m)	REC (m)	ERECT (m)	SLM or IIN	HEIGHT (m)		
											LUMIN.	CUST.	DE-ENERG	LUMIN.									CUST.	
RIVERMONT BVD	3L	P12743771	PO1			8.5 BPM	SB105130UC1	0.9 IOK	SL1					L60A-L2	MBAY		SLEDPH0622A			3.0		10.5	POWDER COAT POLE & OUTREACH BLACK	

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4897

Date: 22/06/2026



UNDERGROUND DEVELOPER - UGD -		
Model	Qty	Description
LVA4240XPV	286	240mm² AL 4C XLPE
LVC216PVPV	17	16mm² Cu 2C PVC/PVC
LVC24PVPV	5	4mm² Cu 2C PVC/PVC
LVSP4-6	1	2 WAY PILLAR
LVSP14-6	1	2 WAY LINK PILLAR
1037-1	1	MEN LINK PILLAR EARTHING
LVSP14-6	1	PILLAR LUGSET 240mm² AL 4C CABLE
SC0017319	1	(L) LETTER
SUGSLLPIT4	2	SUGSLLPIT4SERVICE/MAJ/MIN/RD LOOPING
1350-2	4	CABLE MARKER ON A CONCRETE BLOCK (150mm LONG)
Total Trench Length (m)		
239		

STREETLIGHT DEVELOPER - SLD -		
Model	Qty	Description
SUGSLLPIT4	2	STREET LIGHT #4 SERVICE PIT & FITTINGS
SB105130UC1	1	SLBPM/105/130/UGCH1STREET LIGHT POLEBPM
SLEDPH0622A	1	PHILIPS ROADFLAIR L60 60W AERO IP67 4K

Registered Professional Engineer of Queensland
MR BORUI JIN
RPEQ 32457
DIV: ELECTRICAL
Signature: *Borui Jin* Date: 15.10.2025
Certification that the design complies with the requirements of EQL Standards and Policies.

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Web: <https://cvinfrastructure.com.au>
Email: en.design@cvservices.com.au
Phone: (07) 3622 4333
Address: 148 Hedley Avenue, Hendra QLD, 4011

SITE CONTACT DETAILS		ALIGNMENTS		PROPERTY DESCRIPTION		APPROVED: T. FOSTER	
NAME	MICHAEL WESSLING	ENERGEX OH	3.0	NUMBER OF LOTS:	0	PHONE:	0448 903 388
COMPANY	CV SERVICES GROUP	ENERGEX UG	0.9	PROPOSED LOTS:	N/A	CHECKED:	G. WENZEL
PHONE	(07) 3622 4333	TELSTRA	DBYD	CANCELLING LOTS:		PHONE:	0417 408 246
MOBILE	0473 681 326	GAS	DBYD			DESIGNER:	K. FIGUEROA
FAX	-	HP GAS	DBYD	LOCAL AUTHORITY:	MBAY	PHONE:	0475 845 631
EMAIL	Michael.Wessling@cvservices.com.au	WATER	DBYD	AUTHORITY REF. No:	DA/41766/2020/V23P	PLANNER:	L. WEST
		STORMWATER	DBYD	RPEQ:		PHONE:	0427 123 724
		SEWERAGE	DBYD			ISSUE DATE:	27/05/2025
		OTHER	DBYD	BORUI JIN	RPEQ #32457		

ELECTRICAL RETICULATION & STREETLIGHTING

RIVERMONT BVD
CABOOLTURE RIVER RD, UPPER CABOOLTURE 4513

SCHEDULES & MATERIALS LIST

SCALE: N/A @ A1
DRAWING NUMBER:

C10830-BR1-1

PROJECT NUMBER:

S4901348

A

SHEET 3 OF 5

Site ID: SC12724727

Location: WOODGROVE COURT

Stn No:

CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LV SWITCHBOARD LABEL	
TRMR ISOLATOR	80x35	WB	6	TRANSFORMER ISOLATOR	
1	80x35	WB	5	TO WOODGROVE CT LP12724711/ RIVERMONT BVD LP12743766 & SERVICES	NEW
2	80x35	WB	5	EXISTING	EXISTING
3	80x35	WB	5	EXISTING	EXISTING
4	80x35	WB	5	EXISTING	EXISTING

Site ID: LP12724711

Location: WOODGROVE COURT

Stn No:

CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LINK PILLAR LABEL	
1	150x50	WB	5	EXISTING	EXISTING
2	150x50	WB	5	TO WOODGROVE CT SC12724727/ RIVERMONT BVD LP12743766 & SERVICES	NEW

9

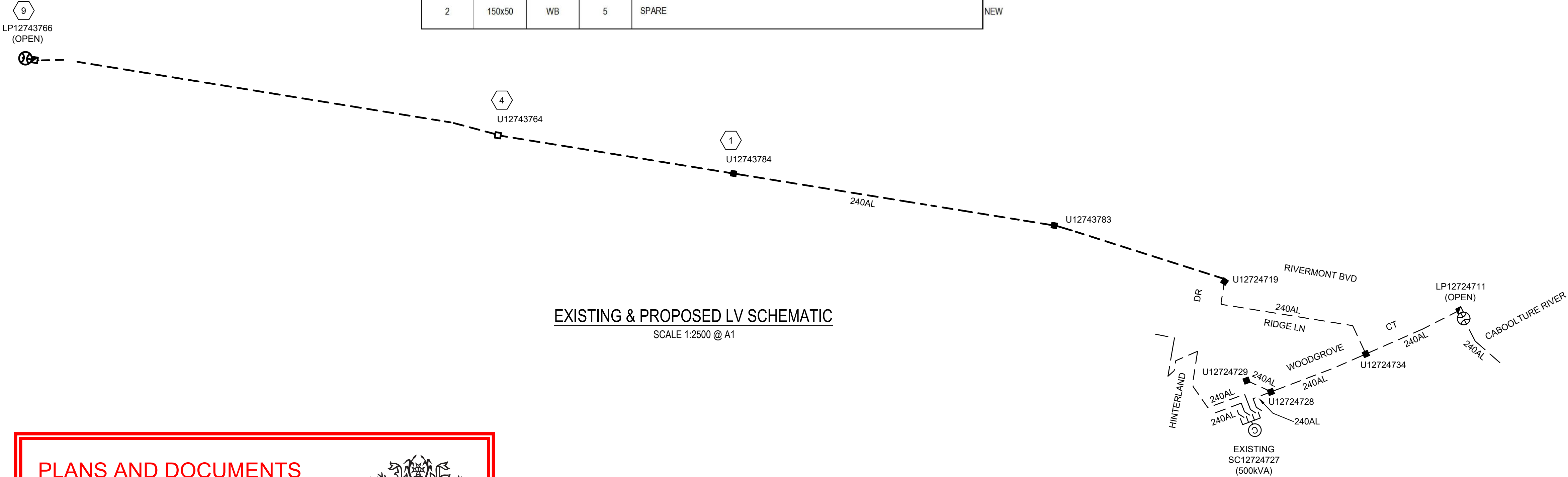
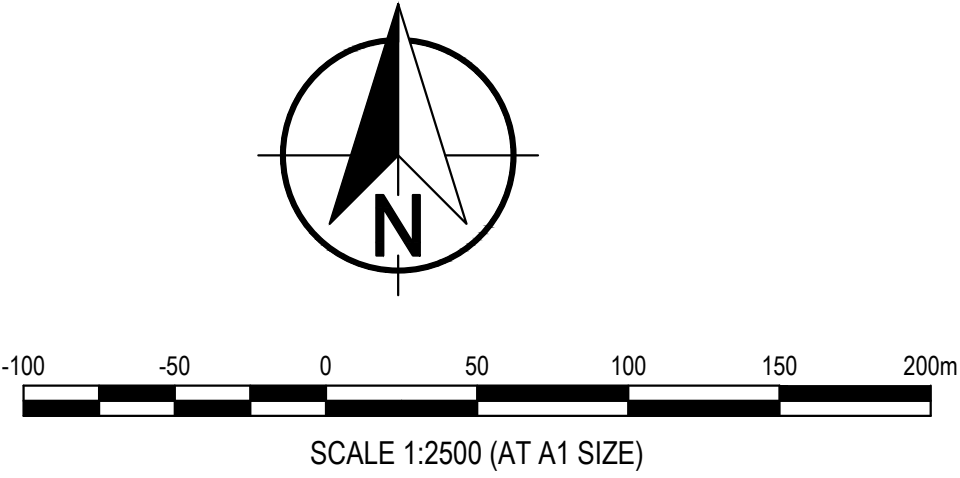
LP12743766

Site ID: LP12743766

Location: RIVERMONTBVD

Stn No: 9

CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LINK PILLAR LABEL	
1	150x50	WB	5	TO WOODGROVE CT SC12724727/ LP12724711 & SERVICES	NEW
2	150x50	WB	5	SPARE	NEW



PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4897

Date: 22/06/2026



Registered Professional Engineer of Queensland
MR BORUI JIN
RPEQ 32457
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EMAIL	Michael.Wessling@cvservices.com.au	WATER	DBYD	RPEQ:		PLANNER:	L. WEST
		STORMWATER	DBYD			PHONE:	0427 123 724
		SEWERAGE	DBYD			ISSUE DATE:	27/05/2025
		OTHER	DBYD				
				BORUI JIN	RPEQ #32457		

ELECTRICAL RETICULATION & STREETLIGHTING	
RIVERMONT BVD CABOOLTURE RIVER RD, UPPER CABOOLTURE 4513	
EXISTING & PROPOSED LV SCHEMATIC	

SCALE: 1:2500 @ A1	
DRAWING NUMBER:	
C10830-BR1-1	
PROJECT NUMBER:	A
S4901348	
SHEET 4 OF 5	

CERTIFICATE OF COMPLIANCE

DESIGN DOCUMENTATION IN ACCORDANCE WITH THE REQUIREMENTS OF
AS/NZS 1158.1.1:2022 APPENDIX D

LOCATIONS & CATEGORY

RIVERMONT BVD

CATEGORY V5

INSTALLATION ARRANGEMENT/GEOMETRY

MOUNTING HEIGHT:

10.5m

OUTREACH:

3.0m

LIGHTING ARRANGEMENT:

ARR 1

UPCAST ANGLE:

0°

LUMINAIRE/LAMP DETAILS

LUMINAIRE ID:

ROADFLAIR L60 AERO IP67 4K

LAMP TYPE:

LED 60W

LAMP INITIAL FLUX:

9600lm

I-TABLE No:

BRP392 LED96NW 60W 220-240V

LIGHTING TARIFF:

DWV PSD P7 ANZ.cie

MAINTENANCE FACTOR:

RATE 2

PHOTOMETRIC DATA DETAILS

ORIGIN OF NATA CERTIFIED PHOTOMETRIC DATA:

PHILIPS ROAD LIGHTING

LIGHT TECHNICAL PARAMETERS

STRAIGHT ROAD

LUMINANCE BASED COMPUTER CALCULATIONS
& DESIGN RULES

DESIGN METHOD:

INTERSECTIONS, JUNCTIONS AND OTHER SPECIFIED LOCATIONS

DESIGN METHOD:

ILLUMINANCE BASED COMPUTER CALCULATIONS

ROAD NAME	CATEGORY	ROAD WIDTH	LUMINAIRE	ARRANGEMENT	SPACING
RIVERMONT BVD	V5	7.5m	L60A	ARR 1	64.0m

LIMITING VALUES OF LIGHT TECHNICAL PARAMETERS:

LIGHTING CATEGORY	$\bar{I}$ (cd/m²)	U_0	U_L	TI	E_S	E_{Ph} (lx)	U_{E1}	UWLR
V5	0.35	0.33	0.5	15%	50%	3.5	8	1%

ROAD SURFACE REFLECTION CHARACTERISTIC

ROAD SURFACE REFLECTION CHARACTERISTIC:

R3

COMPUTER PROGRAM USED TO CALCULATE TECHNICAL PARAMETERS

PERFECT LITE V 5.09 (10/04/2013)
AGI32V 20.9 (13/03/2019)

ROAD LIGHTING CERTIFIED TO COMPLY WITH AS/NZS 1158.1.1:2022
FOR V-CATEGORY

Borui Jin

RPEQ SIGNATURE

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4897

Date: 22/06/2026



Queensland
Government

Registered Professional Engineer of Queensland
MR BORUI JIN
RPEQ 32457
DIV: ELECTRICAL

Signature: *Borui Jin* Date: 15.10.2025

Certification that the design complies with the
requirements of EQL Standards and Policies.

FOR CONSTRUCTION

DRN	DETAILS	DATE	REV	SITE CONTACT DETAILS				ALIGNMENTS		PROPERTY DESCRIPTION		APPROVED: T. FOSTER PHONE: 0448 903 388	ELECTRICAL RETICULATION & STREETLIGHTING		SCALE: 1:500 @ A1	
K.F	COUNCIL ENDORSED - FOR CONSTRUCTION	27/05/2025	A	NAME MICHAEL WESSLING				ENERGEX OH 3.0		NUMBER OF LOTS: 0		CHECKED: G. WENZEL PHONE: 0417 408 246	RIVERMONT BVD CABOOLTURE RIVER RD, UPPER CABOOLTURE 4513		DRAWING NUMBER: C10830-BR1-1	
				COMPANY CV SERVICES GROUP				ENERGEX UG 0.9		PROPOSED LOTS: N/A		DESIGNER: K. FIGUEROA PHONE: 0475 845 631				
				PHONE (07) 3622 4333				TELSTRA DBYD		CANCELLING LOTS:		PLANNER: L. WEST PHONE: 0427 123 724	S/L ISOLUX & S/L COMPLIANCE CERTIFICATE		PROJECT NUMBER: S4901348 SHEET 5 OF 5	
				MOBILE 0473 681 326				HP GAS DBYD		LOCAL AUTHORITY: MBAY		ISSUE DATE: 27/05/2025				
				FAX -				WATER DBYD		AUTHORITY REF. No: DA/41766/2020/V23P			A			
				EMAIL Michael.Wessling@cvservices.com.au				STORMWATER DBYD		RPEQ:						
								SEWERAGE DBYD		BORUI JIN			RPEQ #32457			
								OTHER DBYD								

CV

SERVICES GROUP

delivering the edge

Web: <https://cvinfrastructure.com.au>

Email: en.design@cvservices.com.au

Phone: (07) 3622 4333

Address: 148 Hedley Avenue,
Hendra QLD, 4011