

SITE INFORMATION	
TOTAL NO. OF LOTS	35
PROPOSED LOTS	115-149
CANCELLING DETAILS	LOT 800 ON SP331595

PROPOSED SUBDIVISION

SPECIFICATIONS
THIS WORKS PLAN IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING ENERGEX MANUALS AND SPECIFICATIONS:

- * OVERHEAD CONSTRUCTION MANUAL
- * UNDERGROUND DISTRIBUTION CONSTRUCTION MANUAL
- * PUBLIC LIGHTING CONSTRUCTION MANUAL

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

ORIGIN: NEW RESIDENTIAL SUBDIVISION

- NOTES:**
- DESIGN & CONSTRUCTION BY DEVELOPER
 - ALL SWITCHING TO BE CO-ORDINATED WITH WORKS CO-ORDINATOR
 - ENERGEX WILL CARRY OUT SPOT CHECKS ON COMPLETION
 - CONSULTANT TO ISSUE CERTIFICATE OF COMPLETION
 - TEST RESULTS & 'AS CONSTRUCTED' DRAWINGS TO ENERGEX
 - STREETLIGHTING: DESIGNED IN ACCORDANCE WITH MORETON BAY COUNCIL GUIDELINES
 - BUSHMAN CT & FLINDERS ST RELEVANT TO SUBDIVISION DESIGNED IN ACCORDANCE WITH AS/NZS 1158.3.1:2020 CATEGORY PR6

SIGNED: _____ DATE: 12/02/2025
V.H.L.A.R.P.E.Q. 30016

CONSTRUCTION NOTES

- REFER CIVIL CONSULTANTS WATER AND SEWER RETICULATION DRAWINGS BEFORE EXCAVATION
- CABLE MARKER PLATES AND BOLLARDS TO BE INSTALLED AS REQUIRED
- IT IS YOUR RESPONSIBILITY TO CHECK ALL POLES BEFORE CARRYING OUT ANY WORK (I.E. BELOW GROUND CHECK) SUPPORT CONDEMNED POLES.

ON SITE SERVICE CHECKS

ON SITE CHECKS OF EXISTING SERVICES SHOULD BE ARRANGED WITH THE RELEVANT AUTHORITIES LISTED BELOW.

LEGEND

	PROPOSED OVERHEAD
	EXISTING OVERHEAD
	PROPOSED UNDERGROUND
	EXISTING UNDERGROUND
	WATER X-ING
	RETAINING WALL
	SWALE
	SPARE CONDUIT
	COMMS CONDUIT
	PROPOSED PILLAR
	EXISTING PILLAR
	FUTURE PILLAR
	LINK PILLAR
	PROPOSED STREETLIGHT PIT
	EXISTING STREETLIGHT PIT
	EXISTING POLES
	PROPOSED POLES
	PADMOUNT TRANSFORMER
	POLE MOUNTED TRANSFORMER
	PROPOSED MEN (EARTH GROUND STAKE)
	EXISTING MEN (EARTH GROUND STAKE)
	ZERO LOT BOUNDARY
	OPTIONAL ZERO LOT BOUNDARY
	CABLE MARKER
	LOW VOLTAGE SERVICE PIT



I HEREBY CERTIFY THAT THE ATTACHED PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH ENERGEX STANDARDS AND REQUIREMENTS.
Signature: _____ Date: 12/02/2025
REGISTERED PROFESSIONAL ENGINEER OF QLD
MR V.H.L.A.R.P.E.Q. 30016
DIV. ELECTRICAL



AT THE TIME OF INSTALLATION THE CONDUITS DETAILED ON THIS DRAWING HAVE PASSED MANDREL TESTING AND HAVE BEEN PROVIDED WITH DRAW ROPES IN ACCORDANCE WITH ENERGEX STANDARDS.

INSPECTED AND CERTIFIED BY: _____ NAME: _____
COMPANY: _____
ADDRESS: _____
SIGNATURE: _____ DATE: _____



THE CONDUITS & CABLES DETAILED ON THIS DRAWING HAVE BEEN CHECKED BY THE UNDERSIGNED & AS FAR AS CAN BE DETERMINED ARE ON THE CORRECT ALIGNMENTS & AT THE CORRECT DEPTHS BELOW THE FINISHED SURFACE LEVEL OF THE FOOTPATH OR ROAD SURFACE.

CONDUIT & CABLE LOCATIONS CARRIED OUT BY: _____ NAME: _____
COMPANY: _____
ADDRESS: _____
DATE CONDUITS & CABLES LOCATED: _____
TYPE OF LOCATION EQUIPMENT USED: _____ BRAND NAME: _____
MODEL: _____
SIGNATURE: _____ DATE LAST SERVICED: _____

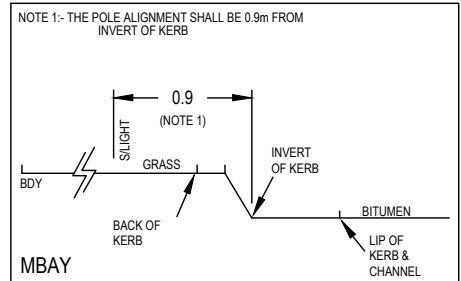
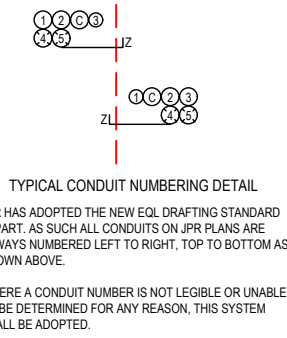
WARNING: CIVIL CONTRACTOR
CHECK RETICULATION CONDUITS AND STREETLIGHT FOUNDATIONS ARE INSTALLED PRIOR TO CONSTRUCTING ANY RETAINING WALLS, PATHS, DRIVEWAYS AND WATER SERVICES.
PLEASE ENSURE ENERGEX 100mm COMMUNICATION CONDUIT WHEN REQUIRED IN ROAD CROSSINGS IS INSTALLED IN ACCORDANCE WITH ENERGEX DRAWING No. 6229-A4B SHEETS 1 OF 2 AND 2 OF 2.

STREETLIGHT LEGEND

	PROPOSED
	EXISTING
	RECOVER

SOURCE DOCUMENTS

CREATOR	DWG No.	REV	DATE
JFP CONSULTANT	M2584E-BASE	-	31/10/2024



MORETON BAY REGIONAL COUNCIL STREETLIGHT ALIGNMENT TABLE

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REV	DESCRIPTION	DATE	AMD BY	CHKD
A	PRELIMINARY ISSUE	12/02/24		

FILE NAME: P.0551355.D.02A.DWG LAST SAVED: 10/02/2025

ALIGNMENTS	CLEARING	NIL	CONTACTS	SCALE
ENERGEX	WAYLEAVES	NIL	DBYD - 1100	1:1000 AT A3
TELSTRA/NBN Co.	EASEMENTS	NIL	DBYD - 1100	DESIGNER
OPTUS/OPTICOMM	ROAD RESERVE	NIL	CIVIL CONSULTANT	NICHOLAS ANDERSON
GAS	LOCAL AUTHORITY	MORETON BAY	JFP URBAN CONSULTANTS	TRACED
WATER	COUNCIL REF	DA2024/2888	CONTACT: HAYDN WATSON PH: 5450 3900	CHECKED
STORMWATER	TELSTRA REF		SURVEYOR	LUKE SHINE
SEWERAGE	NBN REF	STG-M000180780	CONTACT: ANDREW MORCOM PH: 5450 3900	INITIAL & DATE
LINK WATER	T.E.S.		ENERGEX WORKS	CONSTRUCTION
			CO-ORDINATOR	
			SUBDIVISIONS	CLIENT NAME
			PH: 3664 7235	DENNIS FAMILY CORPORATION
			APA GROUP	JOB No.
			3215 6655	P.0551355.D.02

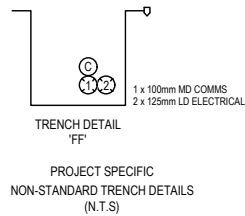
J&P RICHARDSON INDUSTRIES Electrical Contractors & Engineers
Campbell Ave Wacol Ph:(07)3271 2911 Fax:(07)3271 3623

"PRELIMINARY"

DRAWING No. **E23-P.0551355.D.02** SHEET 1 OF 6
SHEET No. **A0** AMENDMENT **A**

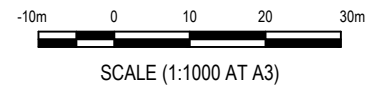
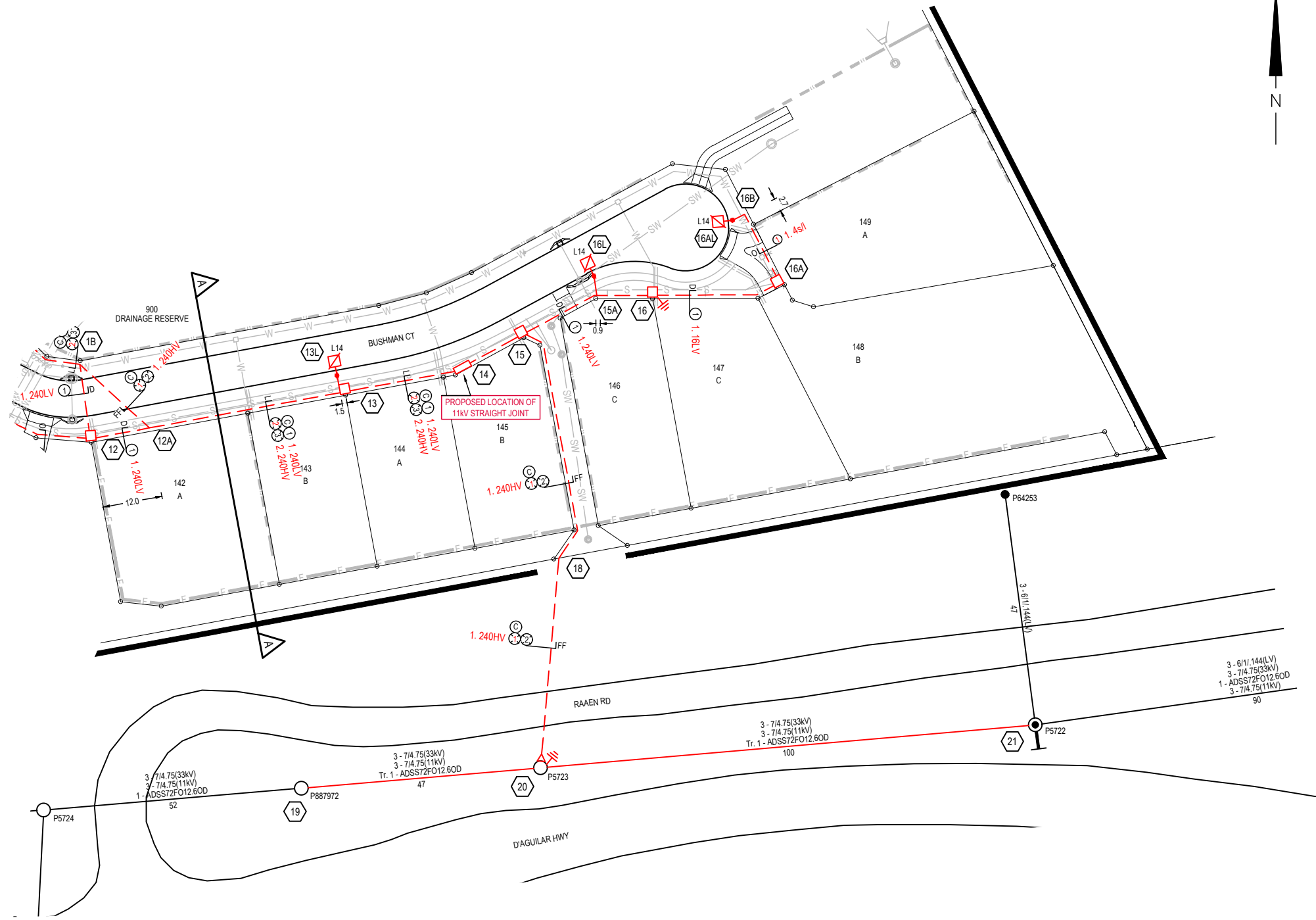
ENERGEX PROJECT No. S0203069

UNDERGROUND ELECTRICAL RETICULATION & STREETLIGHTING TO PROPOSED SUBDIVISION ARCHERS WAY ESTATE (CASH ST) STAGE 5 D'AGUILAR

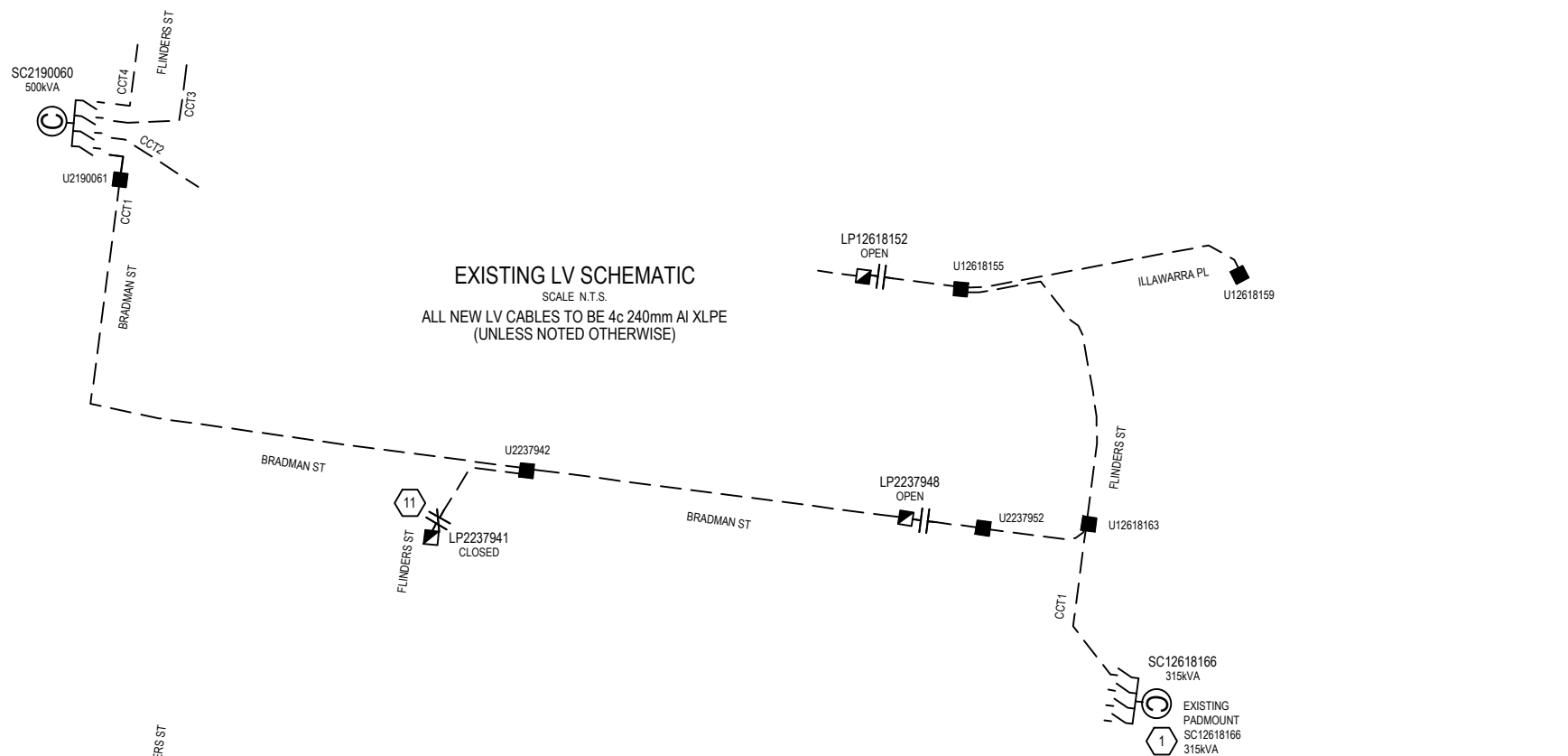


I HEREBY CERTIFY THAT THE ATTACHED PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH ENEREX STANDARDS AND REQUIREMENTS.

Signature: Date: 12/02/2025
 REGISTERED PROFESSIONAL ENGINEER OF QLD
 MR V.H.L.A RPEQ 30016
 DIV: ELECTRICAL



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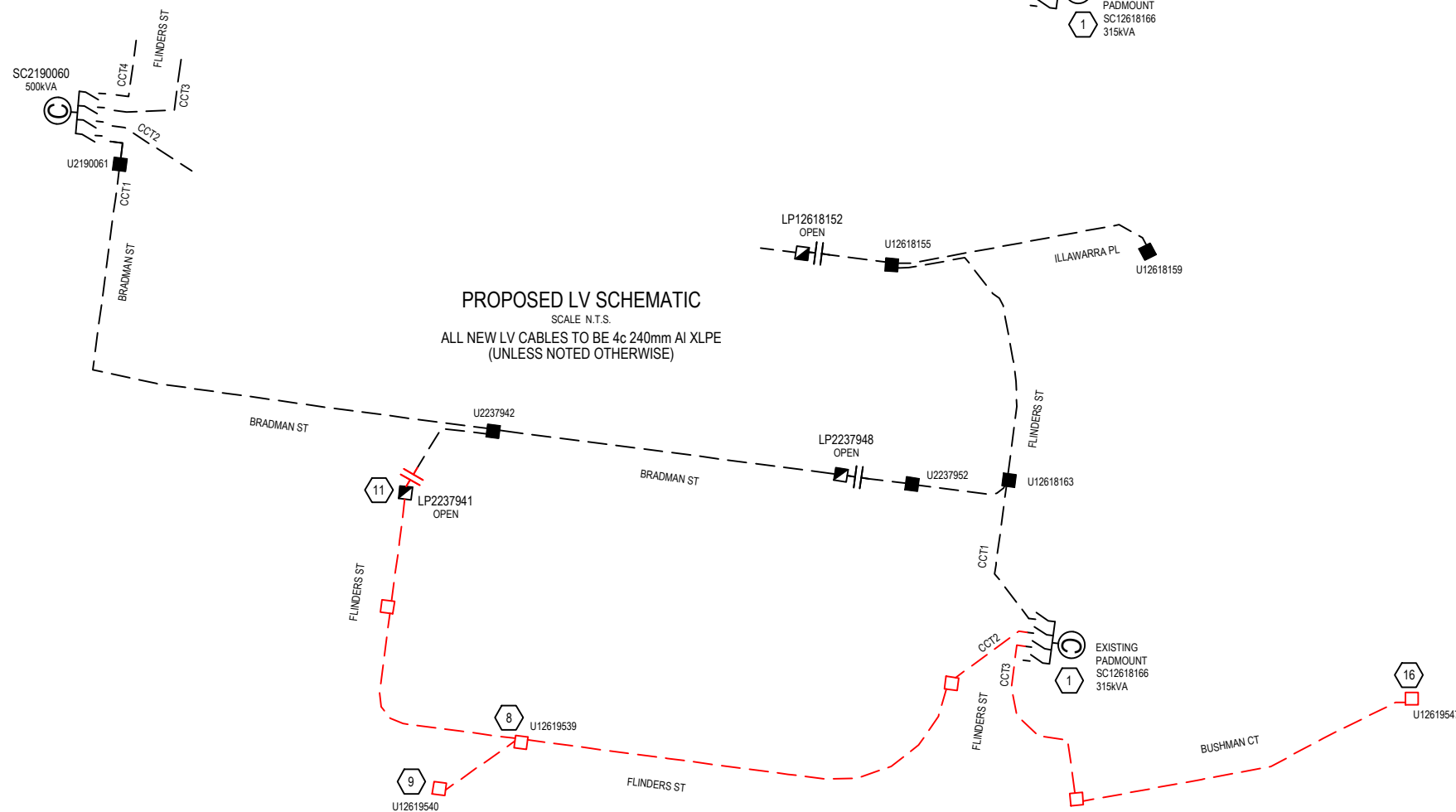
EXISTING LV SCHEMATIC
SCALE N.T.S.
ALL NEW LV CABLES TO BE 4c 240mm AI XLPE
(UNLESS NOTED OTHERWISE)

SC12618166 - FLINDERS ST (STN 1)

CCT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
TFMR ISOLATOR	80x35	WB	6mm	TRANSFORMER ISOLATOR
1	80x35	WB	5mm	EXISTING
2	80x35	WB	5mm	TO FLINDERS ST LP2237941 & SERVICES
3	80x35	WB	5mm	TO BUSHMAN CT U12619547 & SERVICES
4	80x35	WB	5mm	EXISTING

LP2237941 - FLINDERS ST (STN 11)

CABLE No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1	150x50	WB	5mm	EXISTING
2	150x50	WB	5mm	TO FLINDERS ST SC12618166 & SERVICES



PROPOSED LV SCHEMATIC
SCALE N.T.S.
ALL NEW LV CABLES TO BE 4c 240mm AI XLPE
(UNLESS NOTED OTHERWISE)

I HEREBY CERTIFY THAT THE ATTACHED PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH ENERGEX STANDARDS AND REQUIREMENTS.

Signature: *[Signature]* Date: 12/02/2025
REGISTERED PROFESSIONAL ENGINEER OF QLD
MR V.H.LA RPEQ 30016
DIV. ELECTRICAL

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SWITCHING & COMMISSIONING PLAN
 - LIVE LINE, HV & LV -
 (SWITCHING COSTS BY ENERGEX)

- LIVE LINE TO INSTALL FLYING LINKS AT P5724 & P756639.
- ENERGEX TO OPEN FLYING LINKS AT P5724 & P756639.
- JPR TO CARRY OUT WORKS.
- ENERGEX TO REVERSE SWITCHING.
- UPON COMPLETION OF WORKS JPR TO BRIDGE IN NEW LV MAINS AT SC12618166(1) & LP2237941(11).

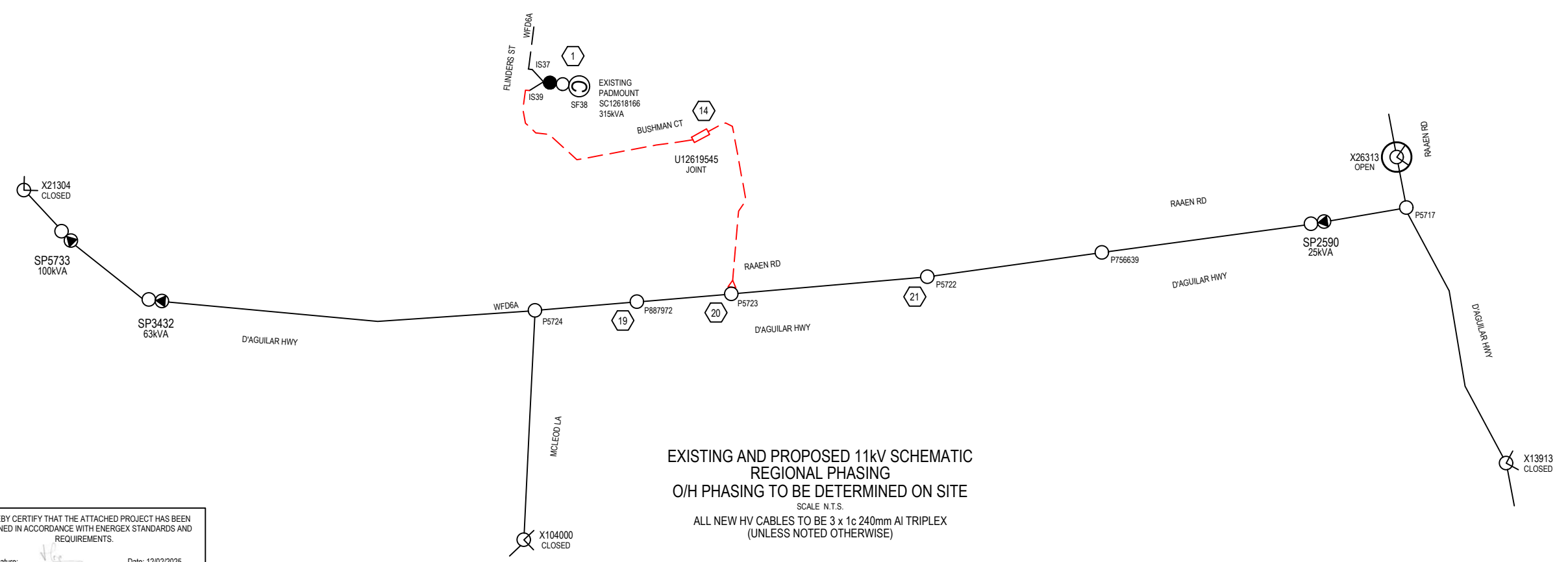
- NO INTERRUPTION TO SUPPLY -

SC12618166 - FLINDERS ST (STN 1)

LABEL SIZE	LABEL COLOUR	LETTER SIZE	11KV RMU LABELS HV LABEL INFORMATION			LABEL LOCATION	LABEL DESCRIPTION
150x40	WB	20				FRONT	RMU IDENTIFICATION
50x20	BLUE W	10				FRONT	DESIGN IDENTIFICATION
100x40	WB	15mm	IS37	SF38	IS39	NEAR ISOLATOR	ISOLATOR IDENTIFICATION
150x40	BW	20mm				CABLE BOX	FEEDER IDENTIFICATION
150x50	BW	10mm	EXISTING	TO TRANSFORMER	TO RAAEN RD P5723	CABLE BOX	CABLE DESTINATION
150x50	BW	10mm	EXISTING	TO TRANSFORMER	TO RAAEN RD P5723	INSIDE SIDE WALL	CABLE DESTINATION
80x35	RED BACKGROUND WHITE LETTERS	3.5				FRONT	PHASING IDENTIFICATION
		3.5	5				
UG CABLE HAS BEEN CONNECTED AS FOLLOWS						FRONT	PHASING IDENTIFICATION
		EQUIPMENT MARKINGS	U/V/W				
		CABLE PHASE MARKINGS	ABC				

P5723 - RAAEN RD (STN 20)

LABEL SIZE	LABEL COLOUR	LETTER COLOUR	LETTER SIZE	LABEL INFORMATION
300x100	KOLANA BRONZE	SILVER	AS PER LABELING MANUAL 6450-A4	HV CABLE - TO FLINDERS ST SC12618166 IS39



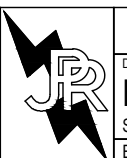
**EXISTING AND PROPOSED 11KV SCHEMATIC
 REGIONAL PHASING
 O/H PHASING TO BE DETERMINED ON SITE**
 SCALE N.T.S.
 ALL NEW HV CABLES TO BE 3 x 1c 240mm Al TRIPLEX
 (UNLESS NOTED OTHERWISE)

I HEREBY CERTIFY THAT THE ATTACHED PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH ENERGEX STANDARDS AND REQUIREMENTS.

Signature: _____ Date: 12/02/2025
 REGISTERED PROFESSIONAL ENGINEER OF QLD
 MR V.H.LA RPEQ 30016
 DIV. ELECTRICAL

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				ENERGEX		WAYLEAVES		NIL		COUNCIL		DBYD - 1100		DESIGNER		NICHOLAS ANDERSON			
				TELSTRA/NBN Co.		EASEMENTS		NIL		TELSTRA		DBYD - 1100		TRACED		NICHOLAS ANDERSON			
				OPTUS/OPTICOMM		ROAD RESERVE		NIL		CIVIL CONSULTANT		JFP URBAN CONSULTANTS		CHECKED		LUKE SHINE			
				GAS		LOCAL AUTHORITY		MORETON BAY		CONTACT: HAYDN WATSON PH: 5450 3900		INITIAL & DATE		L.S. 23.01.25					
				WATER		COUNCIL REF		DA/2024/2888		SURVEYOR		JFP URBAN CONSULTANTS		CONSTRUCTION		MICHAEL SEETO			
				STORMWATER		TELSTRA REF				CONTACT: ANDREW MORCOM PH: 5450 3900		CLIENT NAME		DENNIS FAMILY CORPORATION					
				SEWERAGE		NBN REF		STG-M000180780		ENERGEX WORKS		SUBDIVISIONS		JOB No.		P.0551355.D.02			
				LINK WATER		T.E.S.				CO-ORDINATOR		3215 6655							
				PEGGED?		ON REQUEST				APA GROUP									

UNDERGROUND ELECTRICAL
 RETICULATION & STREETLIGHTING
 TO PROPOSED SUBDIVISION
 ARCHERS WAY ESTATE (CASH ST)
 STAGE 5
 D'AGUILAR



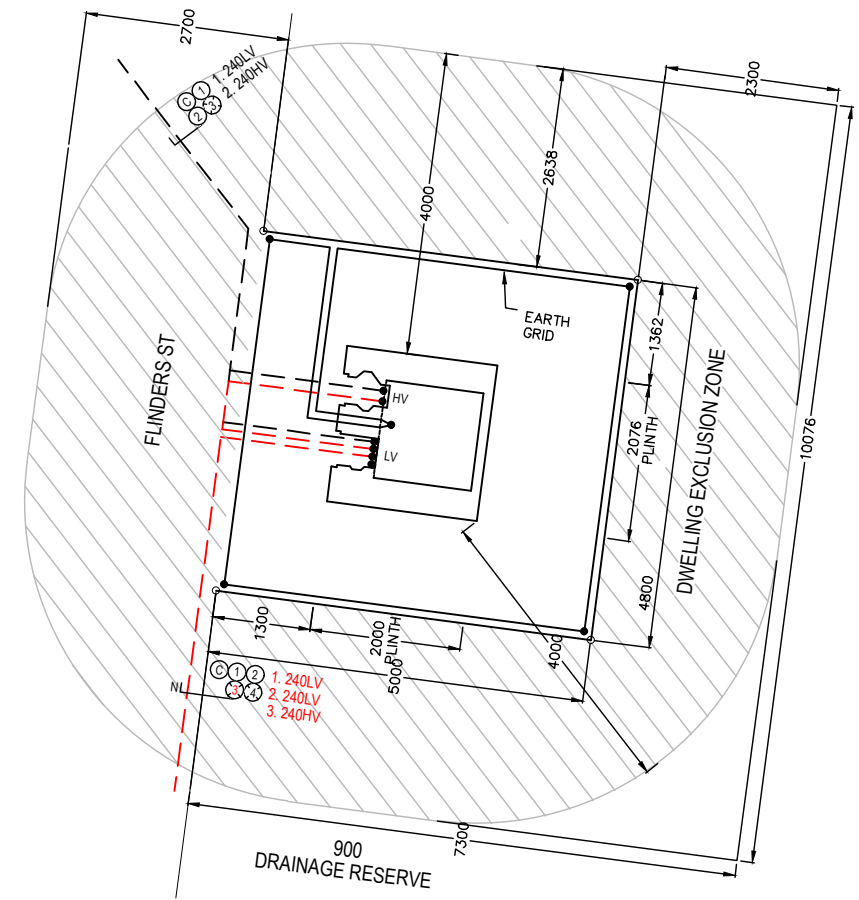
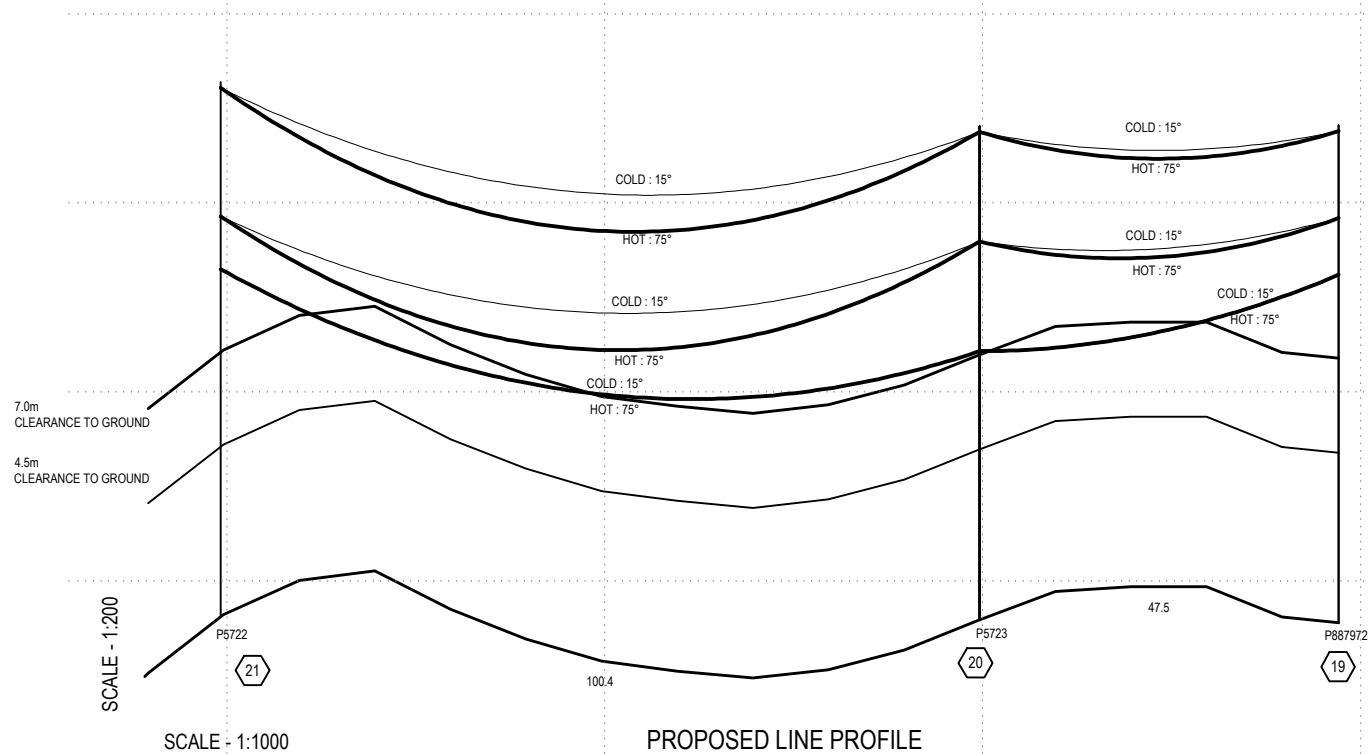
"PRELIMINARY"

DRAWING No
E23-P.0551355.D.02

SHEET 4 OF 6

ENERGEX PROJECT No. S0203069

SHEET No
A3
 AMENDMENT
A

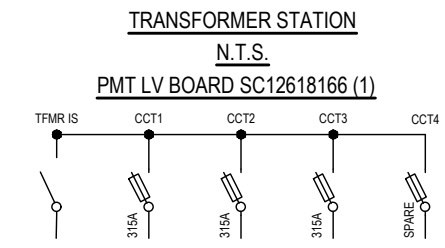


OVERHEAD WORKS SCHEDULE

LOCATION	STN No.	SITE ID (POLE No.)	POLES						CONSTRUCTION										REMARKS				
			EDT ANG	EDT KN	SST KN	LST KN	EXISTING	RECOVER	ERECT	SINK	FOOT	COMP ID	ALIGN	EXISTING	RECOVER	ERECT	No.	KBS		ANG			
RAAEN RD	20	P5723	89°	0.0	3.05	5.50	P50/L				EX	EX	P01	EX	33TD/N 11P/N	AD/BW12	AD/BW12	11PTTRIPXW AD/BW12 11BRAL240XL PAGE7-54-2 CGES CGECROD	1 1 1 1 1 1	EX EX	0° 0°	1400 1500	11kV UG TERMINATION LOWER EX. ADSS CONSTRUCTION 11kV BRIDGING AL CLAMPS SEPARATE EARTHING SINGLE EARTH ANTI THEFT

OVERHEAD CONDUCTOR SCHEDULE

LOCATION	STATION FROM - To	VOLTS	EXISTING	TRANSFER	RECOVER	ERECT	No Of SPANS	DIST (m)	String TABLE	M.E.S.	SAG SPAN FROM - To	SAG (m)				CONDUCTOR LENGTH (m)		REMARKS
												15°	30°	Ht (m)	Temp (°)	New	REC	
RAAEN RD	19 - 20	ADSS	1-ADSS	1-ADSS			1	47	T220	95.46	18 - 19	0.485	0.486					
	20 - 21	ADSS	1-ADSS	1-ADSS			1	100	T220	95.46	19 - 20	1.77	1.78					



I HEREBY CERTIFY THAT THE ATTACHED PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH ENERGEX STANDARDS AND REQUIREMENTS.

Signature: _____ Date: 12/02/2025
 REGISTERED PROFESSIONAL ENGINEER OF QLD
 MR V.H.LA RPEQ 30016
 DIV: ELECTRICAL

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ENERGEX	ALIGNMENTS	CLEARING	NIL	CONTACTS	SCALE	N.T.S.	J&P RICHARDSON INDUSTRIES Electrical Contractors & Engineers Campbell Ave Wacol Ph:(07)3271 2911 Fax:(07)3271 3623
TELSTRANBN Co.	REFER UDC/OHCM	WAYLEAVES	NIL	DBYD - 1100	DESIGNER	NICHOLAS ANDERSON	
OPTUS/OPTICOMM	NBN	EASEMENTS	NIL	DBYD - 1100	TRACED	NICHOLAS ANDERSON	"PRELIMINARY" DRAWING No E23-P.0551355.D.02 SHEET 5 OF 6 ENERGEX PROJECT No. S0203069
GAS	LOCATE	ROAD RESERVE	NIL	CIVIL CONSULTANT	CHECKED	LUKE SHINE	
WATER	LOCATE	LOCAL AUTHORITY	MORETON BAY	CONTACT: HAYDN WATSON PH: 5450 3900	INITIAL & DATE	L.S. 23.01.25	
STORMWATER	LOCATE	COUNCIL REF	DA/2024/2888	CONTACT: ANDREW MORCOM PH: 5450 3900	CONSTRUCTION	MICHAEL SEETO	
SEWERAGE	LOCATE	TELSTRA REF	-	ENERGEX WORKS CO-ORDINATOR	CLIENT NAME	DENNIS FAMILY CORPORATION	UNDERGROUND ELECTRICAL RETICULATION & STREETLIGHTING TO PROPOSED SUBDIVISION ARCHERS WAY ESTATE (CASH ST) STAGE 5 D'AGUILAR
LINK WATER	LOCATE	NBN REF	STG-M000180780	CONTACT: ANDREW MORCOM PH: 5450 3900	JOB No.	P.0551355.D.02	
FILE NAME: P.0551355.D.02A.DWG	LAST SAVED: 10/02/2025	PEGGED?	ON REQUEST	T.E.S.			

