

SITE INFORMATION	
TOTAL NO. OF LOTS	28
PROPOSED LOTS	61-87 & 800 (BALANCE)
CANCELLING DETAILS	800 on SP331585

**PROPOSED SUBDIVISION**

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

- \* 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
  - ENERGETX WILL CARRY OUT SPOT CHECKS ON COMPLETION
  - CONSULTANT TO ISSUE CERTIFICATE OF COMPLETION
  - TEST RESULTS & 'AS CONSTRUCTED' DRAWINGS TO ENERGETX
  - STREETLIGHTING: DESIGNED IN ACCORDANCE WITH MORETON BAY REGIONAL COUNCIL GUIDELINES
  - ILLAWARRA PL AND SECTIONS OF BRADMAN ST AND FLINDERS ST RELEVANT TO SUBDIVISION DESIGNED IN ACCORDANCE WITH AS/NZS 1158.3.1:2020 CATEGORY PR6

SIGNED: *[Signature]* DATE: 19/05/2023  
S.FLOWER R.P.E.Q 5164.

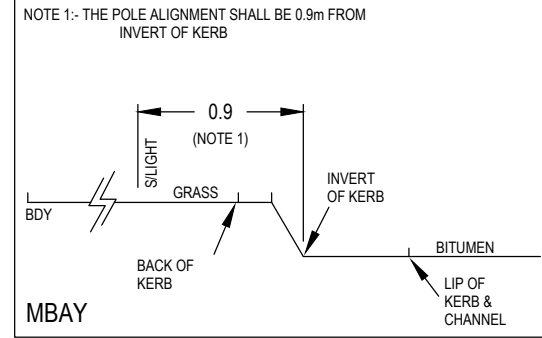
- A 4.8m WIDE X 5.0m DEEP ROAD RESERVE FOR A PADMOUNT TRANSFORMER SITE IS REQUIRED OPPOSITE LOT 75.
- 3 PHASE SUPPLY AVAILABLE TO LOT 800 (BALANCE - FUTURE STAGE 5) VIA P91295 ON D'AGUILAR HWY.

- CONSTRUCTION NOTES**
- REFER CIVIL CONSULTANTS WATER AND SEWER RETICULATION DRAWINGS BEFORE EXCAVATION.
  - CABLE MARKER PLATES AND BOLLARDS TO BE INSTALLED AS REQUIRED.

**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

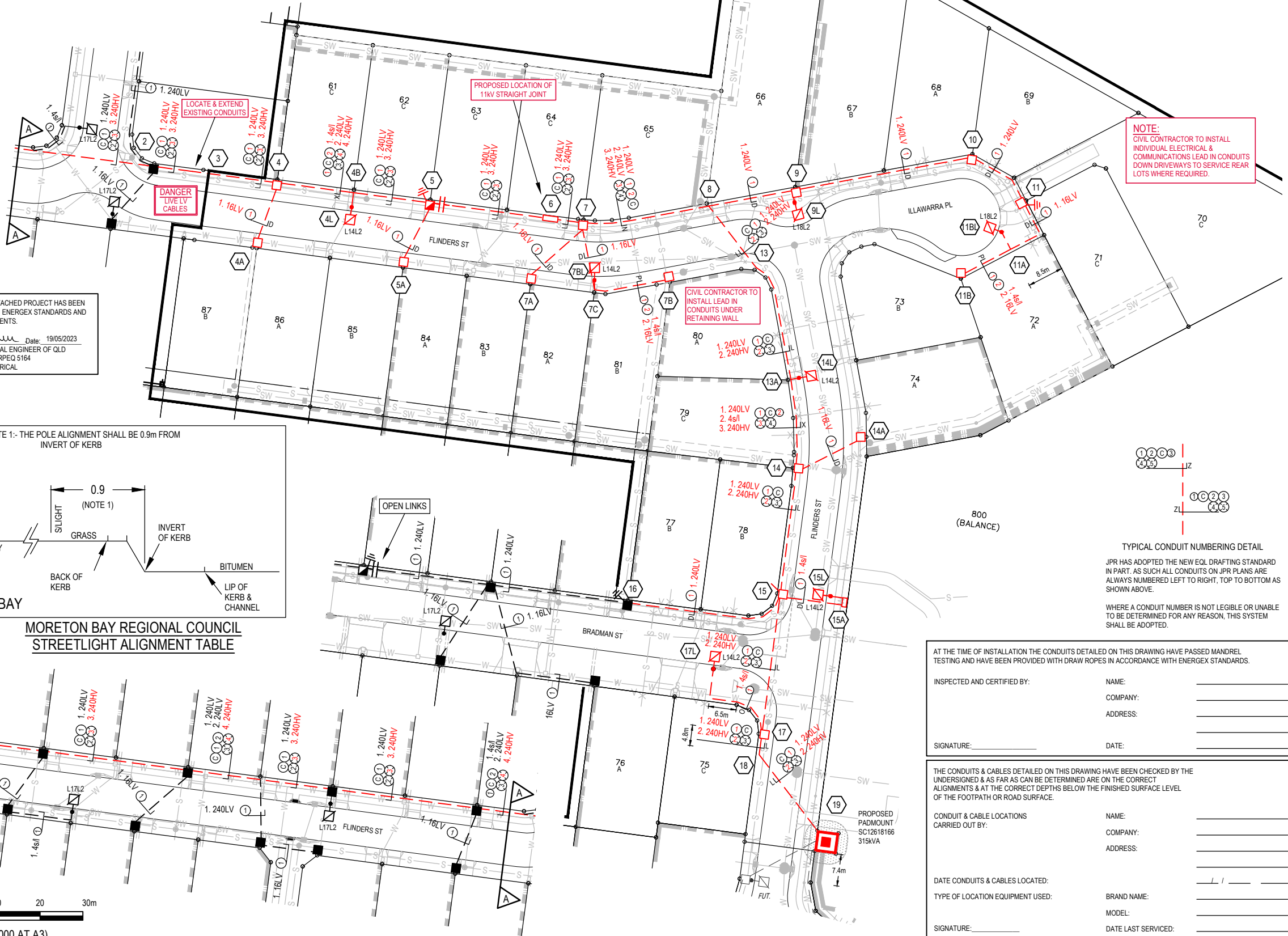
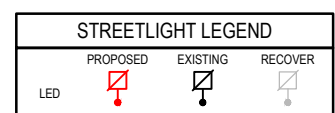
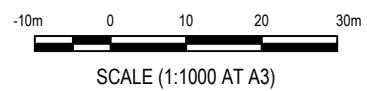
I HEREBY CERTIFY THAT THE ATTACHED PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH ENERGETX STANDARDS AND REQUIREMENTS.  
Signature: *[Signature]* Date: 19/05/2023  
REGISTERED PROFESSIONAL ENGINEER OF QLD  
MR S.FLOWER RPEQ 5164  
DIV: ELECTRICAL



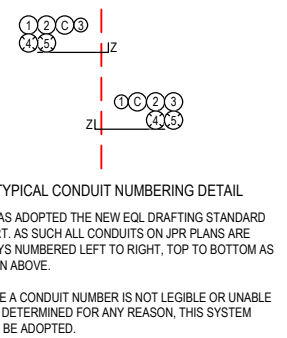
**MORETON BAY REGIONAL COUNCIL STREETLIGHT ALIGNMENT TABLE**

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

SOURCE DOCUMENTS			
CREATOR	DWG No.	REV	DATE
JFP	M2584E-BASE	-	24/01/2023
JPR	P.0302699.D.01B	B	24/01/2023
JPR	P.0443379.D.01B	B	24/01/2023



**NOTE:**  
CIVIL CONTRACTOR TO INSTALL INDIVIDUAL ELECTRICAL & COMMUNICATIONS LEAD IN CONDUITS DOWN DRIVEWAYS TO SERVICE REAR LOTS WHERE REQUIRED.



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 ENERGETX 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.

CARRIER BY: \_\_\_\_\_ NAME: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
DATE CONDUITS & CABLES LOCATED: \_\_\_\_\_  
TYPE OF LOCATION EQUIPMENT USED: \_\_\_\_\_ BRAND NAME: \_\_\_\_\_  
MODEL: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE LAST SERVICED: \_\_\_\_\_

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REV	DESCRIPTION	DATE	CHKD
B	ISSUED FOR CONSTRUCTION	11/05/23	M.L.G./M.J.
A	PRELIMINARY ISSUE	25/01/23	M.L.G.
REV	DESCRIPTION	DATE	AMD BY
FILE NAME:	P.0551354.D.01B.DWG	LAST SAVED:	29/06/2023

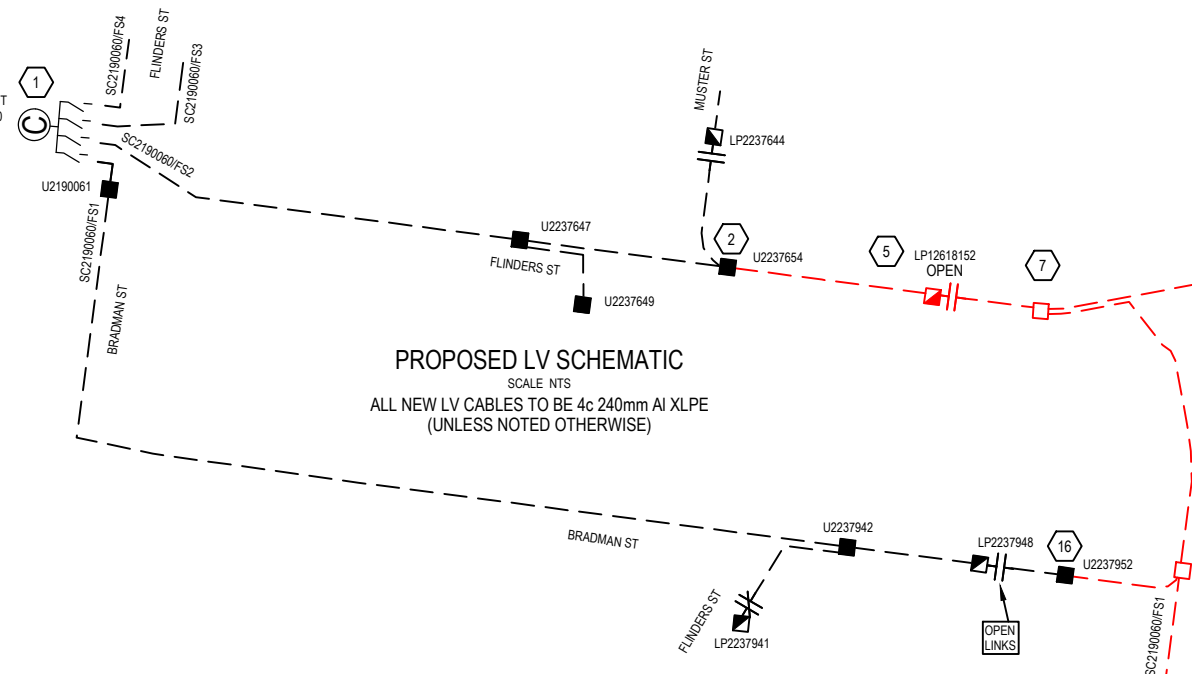
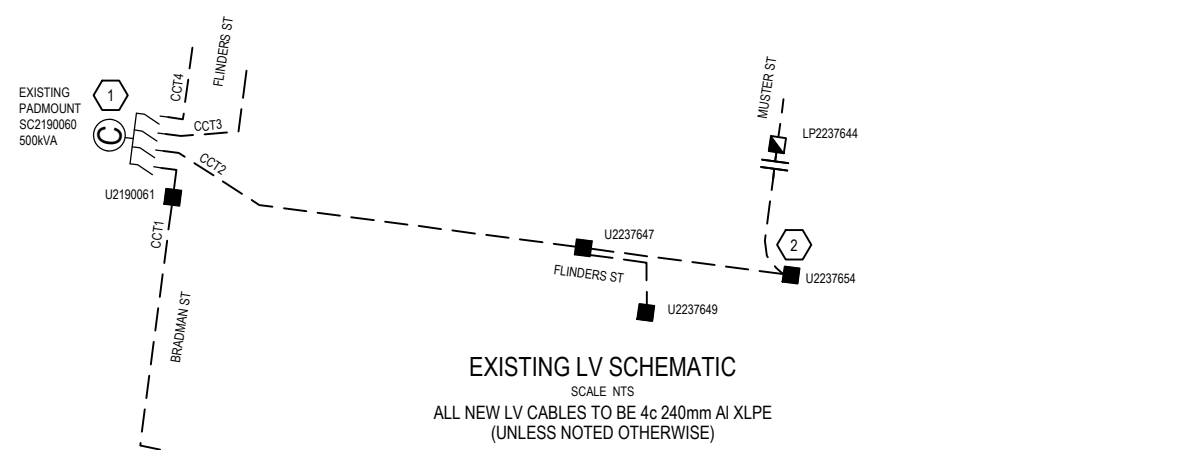
ALIGNMENTS	CLEARING	NIL	CONTACTS	SCALE
ENERGETX	WAYLEAVES	NIL	DBYD - 1100	1:1000 AT A3
TELSTRA/NBN Co.	EASEMENTS	NIL	DBYD - 1100	DESIGNER
OPTUS/OPTICOMM	ROAD RESERVE	YES	CIVIL CONSULTANT	MITCHELL LE GRANGE
GAS	LOCAL AUTHORITY	MORETON BAY	JFP URBAN CONSULTANTS	CHECKED
WATER	COUNCIL REF	DA/38032/2019/V3RL	CONTACT: HAYDN WATSON PH: 5450 390	INITIAL & DATE
STORMWATER	TELSTRA REF		CONTACT: ANDREW MORCOM PH: 5450 390	CONSTRUCTION
SEWERAGE	NBN REF	STG-M000126078	ENERGETX WORKS	CLIENT NAME
LINK WATER	T.E.S.		CO-ORDINATOR	DENNIS FAMILY CORPORATION
PEGGED?	ON REQUEST		SUBDIVISIONS	JOB No.
			PH: 3664 7235	P.0551354.D.01
			APA GROUP	
			3215 6655	

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

**UNDERGROUND ELECTRICAL RETICULATION & STREETLIGHTING TO PROPOSED SUBDIVISION ARCHERS WAY (CASH ST) STAGE 4 D'AGUILAR**

**ISSUED FOR CONSTRUCTION**  
SIGN: *[Signature]* 11/05/23  
DRAWING No. **E22-P.0551354.D.01**  
SHEET 1 OF 4  
ENERGETX PROJECT No. S0203068

SHEET No. **A0**  
AMENDMENT **B**



**SC2190060 - FLINDERS ST**

CCT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1	80x35	WB	6mm	TRANSFORMER ISOLATOR
1	80x35	WB	5mm	TO BRADMAN ST LP2237948/ FLINDERS ST LP2237941 & SERVICES
2	80x35	WB	5mm	TO MUSTER ST LP2237644/ FLINDERS ST LP12618152 & SERVICES
3	80x35	WB	5mm	EXISTING
4	80x35	WB	5mm	EXISTING

**SC12618166 - FLINDERS ST**

CCT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1	80x35	WB	6mm	TRANSFORMER ISOLATOR
1	80x35	WB	5mm	TO BRADMAN ST LP2237948/ FLINDERS ST LP12618152 & SERVICES
2	80x35	WB	5mm	SPARE
3	80x35	WB	5mm	SPARE
4	80x35	WB	5mm	SPARE

**LP12618152 - FLINDERS ST (STN 5)**

CABLE No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5mm	TO FLINDERS ST SC2190060/ MUSTER ST LP2237644 & SERVICES
2 (RHS)	150x50	WB	5mm	TO FLINDERS ST SC12618166/ BRADMAN ST LP2237948 & SERVICES

**LP2237948 - BRADMAN ST**

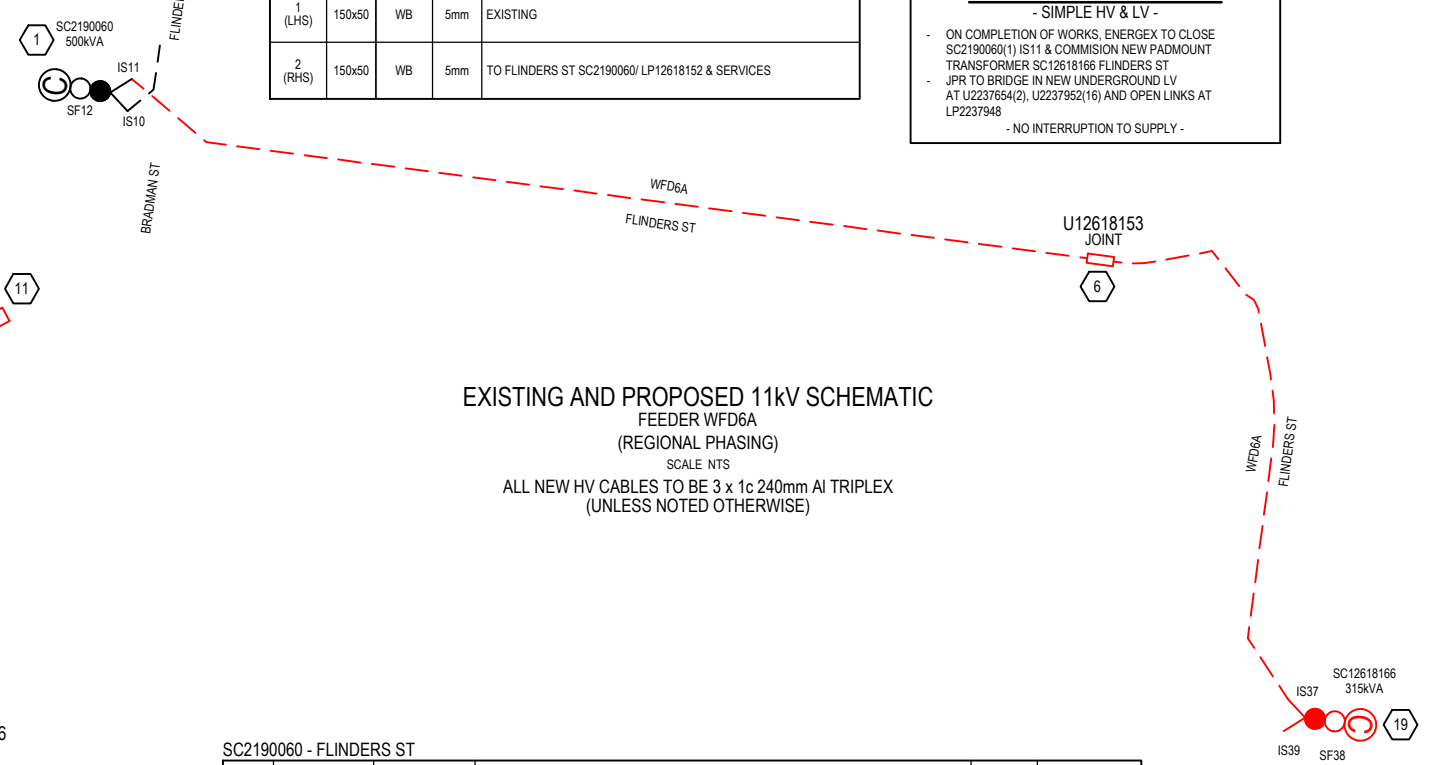
CABLE No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5mm	EXISTING
2 (RHS)	150x50	WB	5mm	TO FLINDERS ST SC12618166/ LP12618152 & SERVICES

**LP2237644 - MUSTER ST**

CABLE No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5mm	EXISTING
2 (RHS)	150x50	WB	5mm	TO FLINDERS ST SC2190060/ LP12618152 & SERVICES

**SWITCHING & COMMISSIONING PLAN**  
- SIMPLE HV & LV -

- ON COMPLETION OF WORKS, ENERGEX TO CLOSE SC2190060(1) IS11 & COMMISSION NEW PADMOUNT TRANSFORMER SC12618166 FLINDERS ST
- JPR TO BRIDGE IN NEW UNDERGROUND LV AT U2237654(2), U2237952(16) AND OPEN LINKS AT LP2237948
- NO INTERRUPTION TO SUPPLY -



**SC12618166 - FLINDERS ST**

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	TO FLINDERS ST SC2190060 - IS11	TO TRANSFORMER	SPARE	CABLE BOX	CABLE DESTINATION
150x50	BW	10mm	TO FLINDERS ST SC2190060 - IS11	TO TRANSFORMER	SPARE	INSIDE SIDE WALL	CABLE DESTINATION
80x35	RED BACKGROUND WHITE LETTERS	3.5	UG CABLE HAS BEEN CONNECTED AS FOLLOWS			FRONT	PHASING IDENTIFICATION
		3.5	EQUIPMENT MARKINGS	UWV			
		5	CABLE PHASE MARKINGS	ABC			

**SC2190060 - FLINDERS ST**

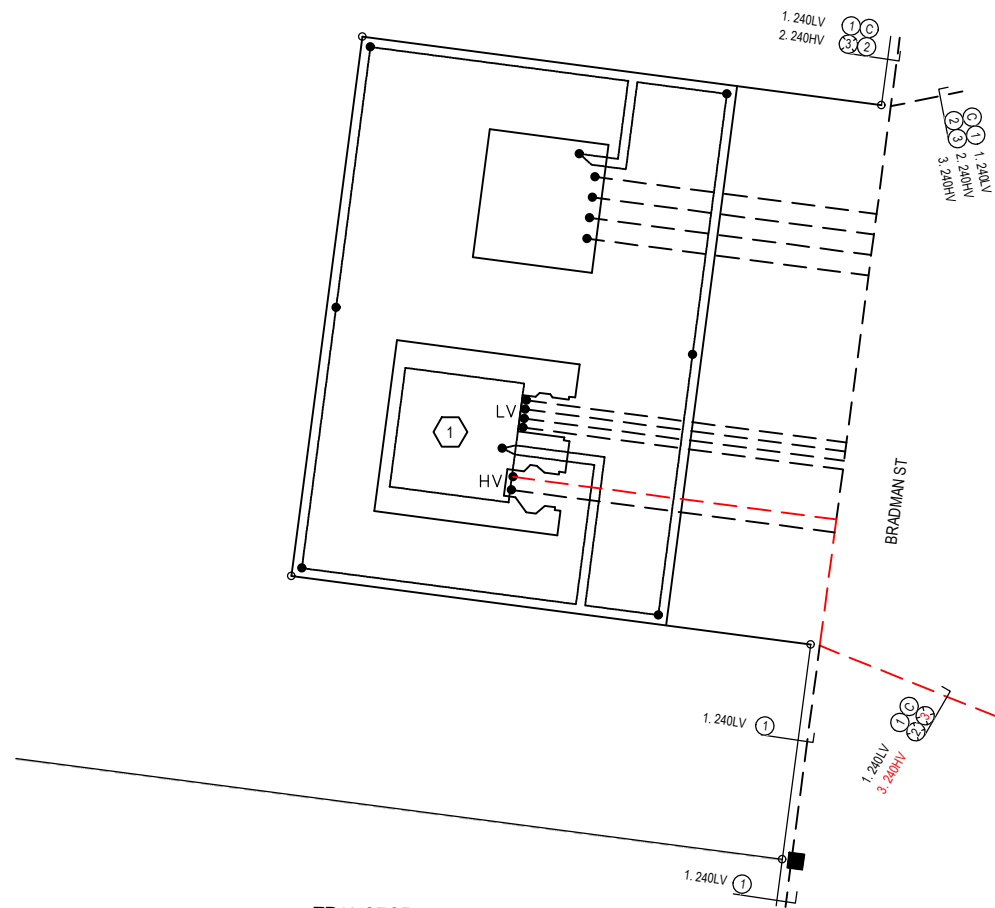
LABEL SIZE	LABEL COLOUR	LETTER SIZE	11kV RMU LABELS HV LABEL INFORMATION			LABEL LOCATION	LABEL DESCRIPTION
150x40	WB	20				FRONT	RMU IDENTIFICATION
50x20	BLUE W	10				FRONT	DESIGN IDENTIFICATION
100x40	WB	15mm	IS10	IS11	SF12	NEAR ISOLATOR	ISOLATOR IDENTIFICATION
150x40	BW	20mm				CABLE BOX	FEEDER IDENTIFICATION
150x50	BW	10mm	EXISTING	TO FLINDERS ST SC12618166 - IS37	TO TRANSFORMER	CABLE BOX	CABLE DESTINATION
150x50	BW	10mm	EXISTING	TO FLINDERS ST SC12618166 - IS37	TO TRANSFORMER	INSIDE SIDE WALL	CABLE DESTINATION
80x35	RED BACKGROUND WHITE LETTERS	3.5	UG CABLE HAS BEEN CONNECTED AS FOLLOWS			FRONT	PHASING IDENTIFICATION
		3.5	EQUIPMENT MARKINGS	UWV			
		5	CABLE PHASE MARKINGS	ABC			

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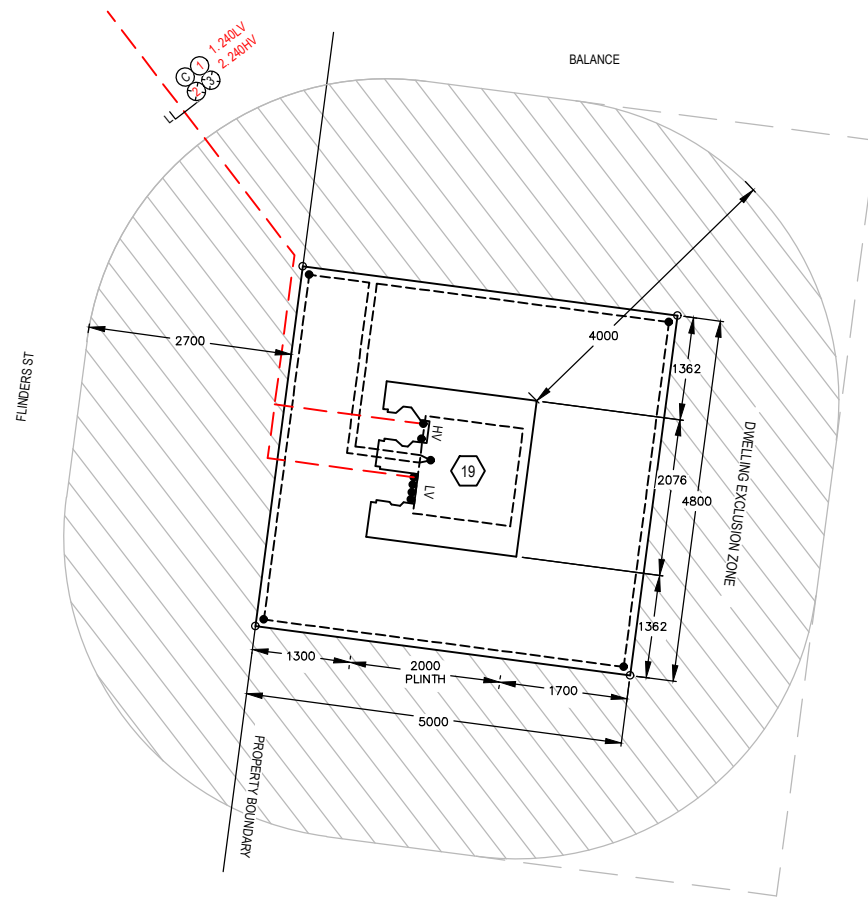
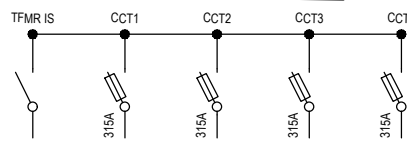
ENERGEX	ALIGNMENTS	CLEARING	NIL	CONTACTS	SCALE	N.T.S.	<b>J&amp;P RICHARDSON INDUSTRIES</b> Electrical Contractors & Engineers Campbell Ave Wacol Ph:(07)3271 2911 Fax:(07)3271 3623
TELSTRANBN Co.	REFER UDC	WAYLEAVES	NIL	DBYD - 1100	DESIGNER	MITCHELL LE GRANGE	
OPTUS/OPTICOMM	NBN JU	EASEMENTS	NIL	DBYD - 1100	TRACED	MITCHELL LE GRANGE	
GAS	LOCATE	ROAD RESERVE	YES	CIVIL CONSULTANT	CHECKED	LUKE SHINE	
WATER	LOCATE	LOCAL AUTHORITY	MORETON BAY	CONTACT: HAYDN WATSON PH: 5450 390	INITIAL & DATE	L.S. 08-02-23	
STORMWATER	LOCATE	COUNCIL REF	DA38032/2019/V3RL	CONTACT: ANDREW MORCOM PH: 5450 390	CONSTRUCTION	PETER HARLEY	
SEWERAGE	LOCATE	TELSTRA REF	-	ENERGEX WORKS CO-ORDINATOR	CLIENT NAME	DENNIS FAMILY CORPORATION	
LINK WATER	LOCATE	NBN REF	STG-M000126078	SUBDIVISIONS PH: 3664 7235	JOB No.	P.0551354.D.01	
PEGGED?	ON REQUEST	T.E.S.	-	APA GROUP	3215 6655		

ISSUED FOR CONSTRUCTION  
DRAWING No. **E22-P.0551354.D.01**  
SHEET 2 OF 4  
ENERGEX PROJECT No. S0203068

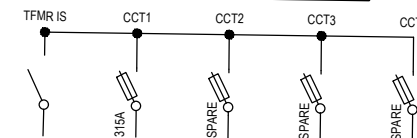
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LAST SAVED: 29/06/2023



**TRANSFORMER & RMU STATION**  
N.T.S.  
PMT LV BOARD SC2190060(1)

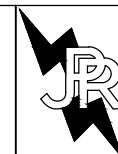


**TRANSFORMER STATION**  
N.T.S.  
PMT LV BOARD SC12618166 (19)



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ALIGNMENTS				CLEARING		NIL		CONTACTS		SCALE		N.T.S.		J&P RICHARDSON INDUSTRIES		Electrical Contractors & Engineers	
ENERGEX	REFER UDC	WAYLEAVES	NIL	COUNCIL	DBYD - 1100	DESIGNER	MITCHELL LE GRANGE	COUNCIL		DBYD - 1100	TRACED	MITCHELL LE GRANGE	Campbell Ave Wacol Ph:(07)3271 2911 Fax:(07)3271 3623		"ISSUED FOR CONSTRUCTION"		
TELSTRANBN Co.	NBN JU	EASEMENTS	NIL	TELSTRA	DBYD - 1100	CHECKED	LUKE SHINE	CIVIL CONSULTANT		JFP URBAN CONSULTANTS	INITIAL & DATE	L.S. 08-02-23	DRAWING No		SHEET No		
OPTUS/OPTICOMM	LOCATE	ROAD RESERVE	YES	CIVIL CONSULTANT	JFP URBAN CONSULTANTS	CONSTRUCTION	PETER HARLEY	CONTACT: HAYDN WATSON PH: 5450 390		JFP URBAN CONSULTANTS	CONSTRUCTION	PETER HARLEY	E22-P.0551354.D.01		A2		
GAS	LOCATE	LOCAL AUTHORITY	MORETON BAY	SURVEYOR	JFP URBAN CONSULTANTS	CONTACT: ANDREW MORCOM PH: 5450 390	CLIENT NAME	DENNIS FAMILY CORPORATION		CLIENT NAME	DENNIS FAMILY CORPORATION	JOB No.	SHEET 3 OF 4		B		
WATER	LOCATE	COUNCIL REF	DA/38032/2019/V3RL	CONTACT: ANDREW MORCOM PH: 5450 390	CONTACT: ANDREW MORCOM PH: 5450 390	CONTACT: ANDREW MORCOM PH: 5450 390	JOB No.	P.0551354.D.01		JOB No.	P.0551354.D.01	ENERGEX PROJECT No. S0203068					
STORMWATER	LOCATE	TELSTRA REF	-	ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235	APA GROUP	3215 6655		APA GROUP	3215 6655						
SEWERAGE	LOCATE	NBN REF	STG-M000126078	ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235	APA GROUP	3215 6655		ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235					
LINK WATER	LOCATE	T.E.S.	-	ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235	APA GROUP	3215 6655		ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235					
PEGGED?	ON REQUEST	T.E.S.	-	ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235	APA GROUP	3215 6655		ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235					
B	ISSUED FOR CONSTRUCTION	11/05/23	M.L.G./M.J.	L.S. 19-05-23	STORMWATER	LOCATE	COUNCIL REF	DA/38032/2019/V3RL	CONTACT: ANDREW MORCOM PH: 5450 390	CONTACT: ANDREW MORCOM PH: 5450 390	CONTACT: ANDREW MORCOM PH: 5450 390	CLIENT NAME	DENNIS FAMILY CORPORATION	JOB No.	P.0551354.D.01		
A	PRELIMINARY ISSUE	25/01/23	M.L.G.	L.S. 08-02-23	SEWERAGE	LOCATE	TELSTRA REF	-	ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235	CLIENT NAME	DENNIS FAMILY CORPORATION	JOB No.	P.0551354.D.01		
REV	DESCRIPTION	DATE	AMD BY	CHK'D	LINK WATER	LOCATE	NBN REF	STG-M000126078	ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235	CLIENT NAME	DENNIS FAMILY CORPORATION	JOB No.	P.0551354.D.01		
FILE NAME: P.0551354.D.01B.DWG		LAST SAVED: 29/06/2023		PEGGED?	ON REQUEST	T.E.S.	-	ENERGEX WORKS	CO-ORDINATOR	PH: 3664 7235	CONTACT: ANDREW MORCOM PH: 5450 390	CLIENT NAME	DENNIS FAMILY CORPORATION	JOB No.	P.0551354.D.01		



A

B

C

URD CONDUIT SCHEDULE - FOOTPATHS - BY ELECTRICAL CONTRACTOR

Table with columns: LOCATION, STATIONS FROM - TO, CONDUIT LENGTH (m) (50mm HD, No., 100mm LD, No., 125mm LD, No., EQL 100mm COMMS MD), X-SECTION (m) (PVC CABLE PROTECTION, EXCAV /TAPE, TRENCH DETAIL), DRAW WIRE, KERB MARKERS, REMARKS. Includes rows for FLINDERS ST, ILLAWARRA PL, and a TOTAL row.

URD CONDUIT SCHEDULE - ROADWAYS - BY CIVIL CONTRACTOR

Table with columns: LOCATION, STATIONS FROM - TO, CONDUIT LENGTH (m) (50mm HD, No., 100mm LD, No., 125mm LD, No., EQL 100mm COMMS MD), X-SECTION (m) (PVC CABLE PROTECTION, EXCAV /TAPE, TRENCH DETAIL), DRAW WIRE, KERB MARKERS, REMARKS. Includes a TOTAL row.

EQUIPMENT SCHEDULE

Table with columns: LOCATION, STN No., SITE ID, EX, REC, IN, SIZE AND DESCRIPTION, COMP ID, CU CODE, QTY, REMARKS. Lists various electrical equipment and their specifications.

UNDERGROUND CABLE SCHEDULE

Table with columns: LOCATION, STATIONS FROM - TO, VOLTS, EX, REC, IN, CABLE SIZE/TYPE, CU CODE, CABLE LENGTH (m) (NEW, REC), REMARKS. Lists cable types, sizes, and lengths for various locations.

MATERIALS SUMMARY - S0203068

Table with columns: MODEL No., QTY, MODEL No., QTY. Lists materials like transformers, cable, and accessories with quantities.

STREET LIGHTING

Table with columns: MODEL No., QTY, MODEL No., QTY. Lists street lighting fixtures like SLEDSY01372 and SLNOS3CI.

RATE 2 - STREETLIGHT SCHEDULE

Table with columns: LOCATION, STN No., SITE ID, COMP ID, EX, REC, ER, POLE CODE, ALIGN, NORTH, EAST, COMP ID, EX, RECOVER, DATE, DATE, LUMINAIRE CODE, EX, REC, ER, UP/CAST ANGLE, MOUNT HT, REMARKS. Lists streetlight locations, specifications, and coordinates.

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Project details and company information including: ALIGNMENTS, CLEARING, CONTACTS, SCALE, N.T.S., J&P RICHARDSON INDUSTRIES logo, project title 'UNDERGROUND ELECTRICAL RETICULATION & STREETLIGHTING TO PROPOSED SUBDIVISION ARCHERS WAY (CASH ST) STAGE 4 D'AGUILAR', and contact details.

A

B

C