

**BOARD OF PROFESSIONAL ENGINEERS OF QUEENSLAND**

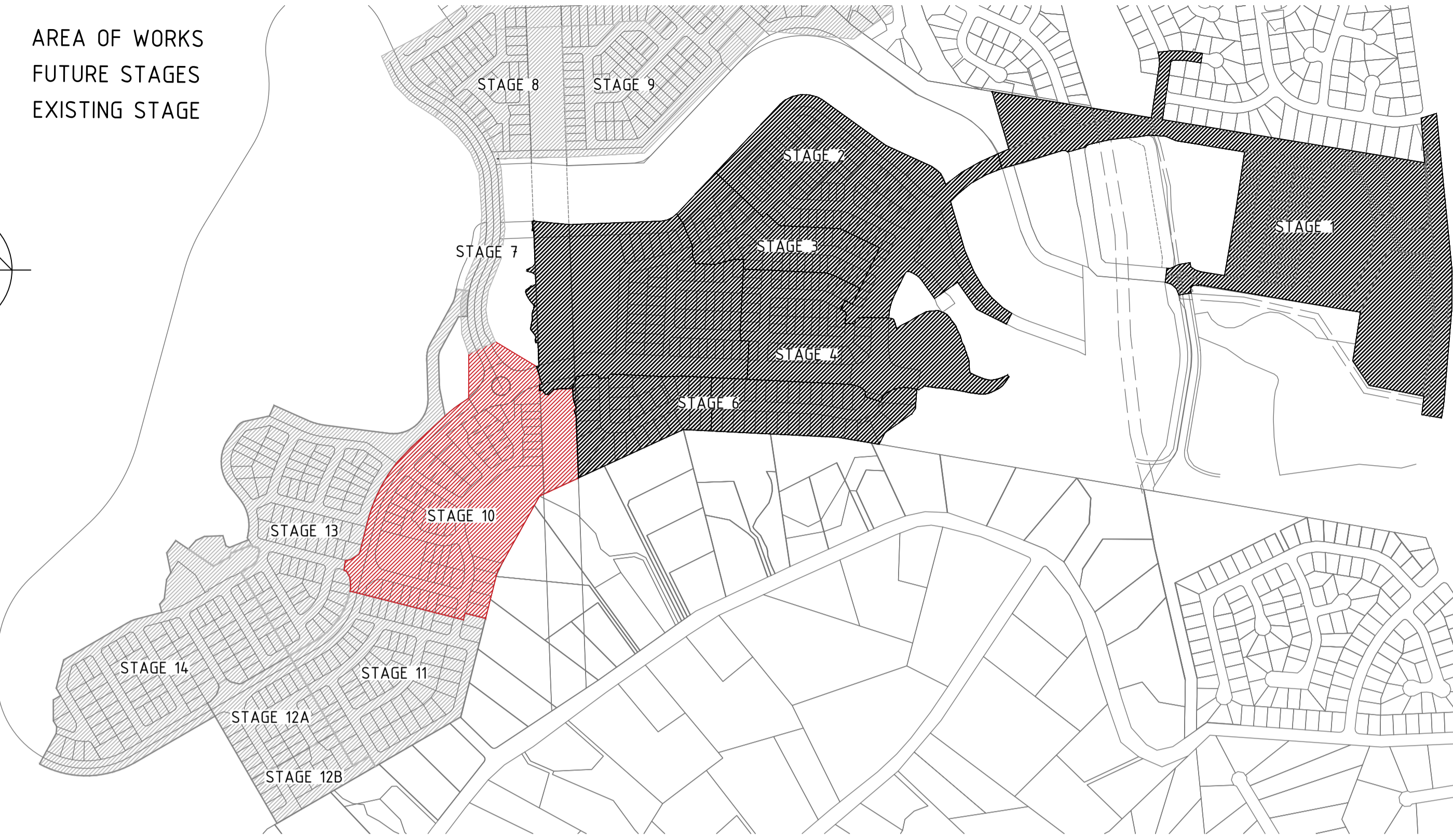
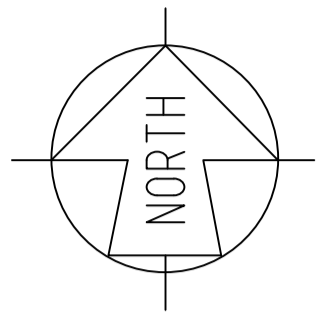
I HEREBY CERTIFY THAT THE ATTACHED PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL COUNCIL PLANNING SCHEME POLICIES, ENERGEX DESIGN STANDARDS AND RELEVANT SECTIONS OF AS/NZS 1158

PROJECT FILE: E-03-10-01-09-30063134

08/01/2026

REGISTERED PROFESSIONAL ENGINEER OF QLD  
JAKE ROWE RPEQ NUMBER 25976  
DIVISION: ELECTRICAL

- AREA OF WORKS  
 - FUTURE STAGES  
 - EXISTING STAGE



**LOCALITY PLAN**  
SCALE: N.T.S.



**SITE PLAN**  
SCALE: N.T.S.

**ZERO LOT LINE / DRIVEWAY POSITIONS**

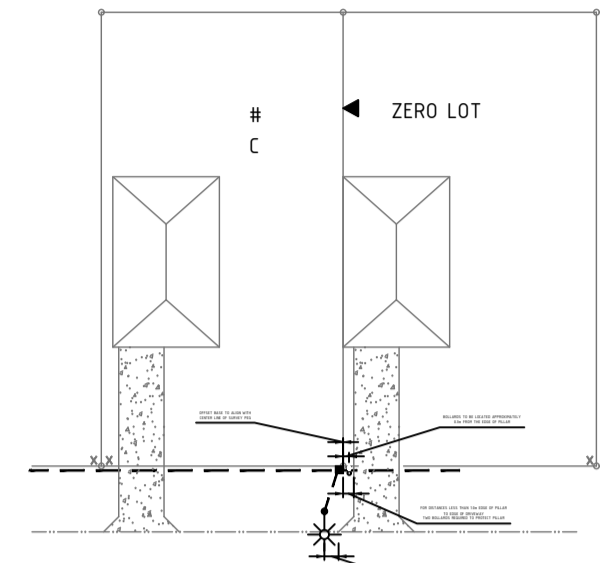
ELECTRICAL PILLARS SHALL BE INSTALLED WITH MINIMUM 10m CLEARANCE FROM FACE OF PILLAR TO EDGE DRIVEWAY. (PROPOSED OR EXISTING).

IF 10m CLEARANCE CANNOT BE ACHIEVED PROTECTIVE BOLLARDS MUST BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH ENERGEX STANDARDS.

STREETLIGHTS SHALL BE INSTALLED WITH AN OFFSET OF 10m FROM THE R/P BOUNDARY AWAY FROM INDICATIVE DRIVEWAY LOCATIONS.

TELSTRA / NBN Co / OPTICOMM PITS MUST NOT BE INSTALLED IN DRIVEWAYS (PROPOSED OR EXISTING).

TELSTRA / NBN Co / OPTICOMM PITS SHALL BE INSTALLED IN ACCORDANCE WITH PRIMARY (PREFERRED) OR SECONDARY LOCATIONS INDICATED IN THE ENERGEX UNDERGROUND DISTRIBUTION CONSTRUCTION MANUAL SECTION C2 - EXCAVATION AND RENSTATEMENT BASED ON INDICATED DRIVEWAY POSITIONS.



**ZERO LOT - DRIVEWAY DETAIL**  
SCALE: N.T.S.

**AS CONSTRUCTED**  
SAE ENERGY PTY LTD

NAME: Jake Beith PHONE: 1300 18 20 50  
SIGN: [Signature] DATE: 24/3/2026

**CERTIFICATE OF LIGHTING COMPLIANCE**

THIS ROAD LIGHTING DESIGN IS CERTIFIED TO COMPLY GENERALLY WITH THE NOMINATED CATEGORIES OF AS/NZS 1158.1:2022 & AS/NZS 1158.3:2020 FOR LUMINAIRES AND LAMPS AS SPECIFIED. OBTRUSIVE LIGHT LEVELS COMPLY WITH THE REQUIREMENTS OF AS/NZS 4282:2019

**COMPUTER DESIGN DETAILS:**

AS/NZS 1158.2:2005 COMPLIANT SOFTWARE: AG32, PERFECT LITE  
MAINTENANCE FACTOR: 0.75  
ROAD SURFACE REFLECTION CHARACTERISTIC DETAILS: R3

THE ROAD LIGHTING MAINTENANCE FACTOR AND SCHEDULE IS BASED UPON THE FOLLOWING:  
1. LAMPS AND LUMINAIRES TO BE CLEANED AND INSPECTED AT 48 MONTH INTERVALS.  
2. LAMPS AND LUMINAIRES TO BE REPLACED WITH EXACT EQUIVALENTS.  
3. REGULAR INSPECTION PATROLS AND SPOT LAMP REPLACEMENT SHALL MAINTAIN SERVICE AVAILABILITY AT 95% MINIMUM.  
4. VEGETATION IS TO BE REGULARLY INSPECTED AND MAINTAINED SO THAT LIGHTING LEVELS ARE NOT SUBSTANTIALLY AFFECTED.

**INSTALLATION ARRANGEMENT/GEOMETRY**

LOCATION	SKYRIDGE BLVD	SANDERLING RD, PIPIT ST, RUFIOUS ST, OYSTER ST, CASPIAN CL
LIGHTING CATEGORY AND TYPE	PR3 L113A3, PR3 L61A3, PR3 L24A3	PR5 L14A3
CARRIAGEWAY DESIGN WIDTH	25.5m	16.5
MEDIAN WIDTH	2.2m	NA
MOUNTING HEIGHT	12.0m, 9.0m, 7.5m	6.5m
LIGHTING ARRANGEMENT	3	1
OUTREACH	3.0m, 1.5m, 1.5m	0.5m
POLE SETBACK	1.15m I.O.K.	1.00m I.O.K.
UPCAST ANGLE	0°	0°
MAXIMUM COMPLIANT SPACING	NA, NA, 69.9m	53.9m
CURVE SPACING ADJUSTMENT: INSIDE OF CURVE MAXIMUM COMPLIANT (RC = RADIUS CURVE)	NA, NA, RC 265m, MC 45.7m	RC 265m, MC 31.5m

**LUMINAIRE/LAMP DETAILS: (REFER AS/NZS 1158.1.3 SECTION 3)**

LUMINAIRE IDENTIFICATION	PHILIPS ROADFLAIR	SYLVANA SCHREDER
Lamp Type	L113A3, L61A3, L24A3	L14A3
LAMP FLUX	16179lm, 9636lm, 3337lm	1815lm
I-TABLE NUMBER	BRP392 LED161W 113W 220-240V DWV, BRP392 LED96W 61W 220-240V DWV, StreetLED 3 24W 3K Aero P20G21029 061-10	STREETLED3 13.7W 3K AERO - 201052PH
LIGHTING TARIFF	RATE 2	
POWER FACTOR HIGH/LOW	HPF (±0.95)	HPF (±0.90)
START/RUN	53A, 46A	40.4A
NATA CERTIFIED PHOTOMETRIC DATA ORIGIN	PHILIPS	SYLVANA

**\*P\* CATEGORY LIGHT TECHNICAL PARAMETERS:**

LIGHTING CATEGORY	E <sub>h</sub> (lux)	E <sub>g</sub> (lux)	U <sub>2</sub>	U <sub>NLR</sub> (%)	E <sub>pr</sub> (lux)	Glare control AT 90° cd
PR3	1.75	0.3	8	1	NA	NA
PR5	0.05	0.14	10	1	NA	NA

**DRAWING LEGEND**  
SHEET DRAWING NAME

- COVER PAGE, LOCALITY PLAN, LEGEND AND NOTES
- SITE PLAN 1
- SITE PLAN 2
- SITE PLAN 3
- HV & LV GEOGRAPHIC LABELS, COMMISSION PLAN, DETAILS
- STREETLIGHT GEOGRAPHIC, LIGHTING SCHEDULE
- EQUIPMENT SCHEDULE
- CONDUIT SCHEDULE
- CABLE SCHEDULE, MATERIALS LIST

**CONTRACTOR SPECIFICATIONS**

- THIS WORKS PLAN SHALL BE READ IN CONJUNCTION AND COMPLY WITH ALL RELEVANT ENERGEX MANUALS AND SPECIFICATIONS, AUSTRALIAN STANDARDS, THE ELECTRICITY ACT AND THE ELECTRICAL SAFETY ACT.
- USE ONLY ENERGEX APPROVED MATERIALS AND INSTALLATION PRACTICES.
- THE ELECTRICAL CONTRACTOR SHALL LIAISE WITH TELSTRA/NBN Co/OPTICOMM'S CONTRACTOR PRIOR TO CONSTRUCTION, TO COORDINATE INSTALLATION OF THE COMMUNICATION CONDUITS.
- ALL WORKS ON THIS PLAN SHALL BE CARRIED OUT BY AN ACCREDITED ENERGEX ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL OVERSEE AND SIGN OFF ALL ROAD CROSSINGS AS INSTALLED BY THE APPOINTED CIVIL CONTRACTOR.
- ENSURE ALL STAFF AND SUBCONTRACTORS HAVE THE APPROPRIATE TRAINING/QUALIFICATIONS AND ARE ACCREDITED IN SAFE WORK PRACTICES IN ACCORDANCE WITH ENERGEX REQUIREMENTS, THE ELECTRICITY ACT AND THE ELECTRICAL SAFETY ACT.

**GENERAL NOTES**

- ALL ELECTRICAL CABLES (AND NO OTHER SERVICES) SHALL BE INSTALLED IN CONDUIT WITHIN THE STANDARD ELECTRICAL ALIGNMENT (0-900mm FROM THE RP BOUNDARY). WHERE PRACTICAL, CABLES SHALL BE NO CLOSER THAN 250mm FROM THE RP BOUNDARY.
- FOR ALL FOOTPATH CROSSINGS, AND WHERE SITE CONDITIONS REQUIRE DEVIATIONS FROM A STANDARD ALIGNMENT, PROTECTIVE COVER SHALL BE INSTALLED ABOVE CONDUITS.
- EXCEPT WHERE SHOWN IN THIS DESIGN, ALL DEVIATIONS FROM INSTALLATION WITHIN THE ELECTRICAL ALIGNMENT MUST BE APPROVED BY ENERGEX, VIA LIAISON WITH THE ELECTRICAL DESIGNER.
- DEVELOPER TO ENSURE WATER METER OFFSET A MINIMUM 1000mm FROM ENERGEX PILLARS.
- DEVELOPER TO ENSURE DRIVEWAYS OFFSET A MINIMUM 1000mm FROM ENERGEX PILLARS.
- ENERGEX REQUIRES A MINIMUM 600mm EXCLUSION ZONE FROM ALL OTHER SERVICES, AROUND ELECTRICAL PILLARS.
- ALL PRIVATE PROPERTY POLES, UNDERGROUND CONSUMER CABLING AND CONDUIT INSTALLATION WITHIN THE LOT BOUNDARIES IS THE RESPONSIBILITY OF THE DEVELOPER/LAND OWNER.
- WHERE RETAINING WALLS ARE TO BE CONSTRUCTED ON TOP OF CONSUMERS MAINS CONDUITS, ADEQUATE ELECTRICAL AND COMMUNICATION CONDUITS MUST BE INSTALLED TO AS3000 WITH EXTRA PROTECTION TO AVOID CONDUIT DAMAGE TO GUARANTEE FUTURE INTEGRITY OF CONDUITS.

**ON SITE SERVICE CHECKS (BYDA)**

ALL UNDERGROUND SERVICES SHOWN WERE SOURCED FROM EITHER THE CIVIL DESIGN OR ASSET OWNERS' RECORDS. ARCADIS DOES NOT GUARANTEE AS-CONSTRUCTED WORKS ARE EXACTLY AS SHOWN ON THIS ELECTRICAL WORKS PLAN, UNLESS OTHERWISE STATED. NO POT HOLEING HAS BEEN UNDERTAKEN TO VERIFY RECORDS. POT HOLE TO VERIFY DESIGN WHERE UNSURE.

REQUEST ON SITE IDENTIFICATION AND LOCATION OF EXISTING BURIED SERVICES FROM THE BEFORE YOU DIG AUSTRALIA SERVICE, ALLOW A MINIMUM TWO (2) DAYS NOTICE. PHONE: 1100

LIAISE WITH THE SITE SUPERINTENDENT FOR CURRENT CIVIL AND UTILITY PLANS PRIOR TO THE COMMENCEMENT OF WORKS.

**FIRE ANTS WARNING**

CONTRACTORS TO CONFIRM WHETHER THIS SITE IS LOCATED WITHIN A FIRE ANT RESTRICTED AREA PRIOR TO THE COMMENCEMENT OF WORKS. CONTACT BIO SECURITY QUEENSLAND ON 13 25 23 PRIOR TO MOVING ANY MATERIALS WITHIN RESTRICTED AREAS.

**CONDUIT COMPLIANCE**

ALL ELECTRICAL CONDUITS UTILISED IN THE DESIGN INCLUDING EXISTING CONDUITS SHALL BE INSTALLED/CHECKED TO CONFORM WITH RELEVANT ENERGEX STANDARDS AS OUTLINED IN THE UDC MANUAL. THIS MUST BE CARRIED OUT BY AN ACCREDITED LICENSED ENERGEX ELECTRICAL CONTRACTOR.

**UNDERGROUND CABLE CERTIFICATION**

I HAVE WITNESSED THE INSTALLATION OF ALL CABLES AND CONDUITS FOR THIS PROJECT AND CONFIRM THAT THESE ARE INSTALLED ON THE CORRECT ALIGNMENT AND DEPTHS AFTER THE ESTABLISHMENT OF FINAL SURFACE LEVELS. ALL CABLES DETAILED ON THIS DRAWING HAVE BEEN CHECKED USING THE CABLE LOCATOR DESCRIBED BELOW AND ARE, ACCORDING TO MEASUREMENTS TAKEN, CORRECT AS PER PLAN EXCEPT WHERE MARKED UP. PROPOSED ALIGNMENTS ARE SUBJECT TO ACCURACY OF SURVEY PEGS PRESENT AT TIME OF MEASUREMENTS.

MAKE - \_\_\_\_\_ MODEL - \_\_\_\_\_  
SERIAL No. - \_\_\_\_\_ DATE CABLES CHECKED - \_\_\_\_\_  
NAME - \_\_\_\_\_ ORGANISATION - \_\_\_\_\_  
CERTIFICATION - \_\_\_\_\_ CONTACT No. - \_\_\_\_\_  
(SIGNATURE)

**ELECTRICAL LEGEND**

PROPOSED	EXISTING	DESCRIPTION
		STATION NUMBER
		RING MAIN UNIT (RMU)
		GROUND TRANSFORMER (GT)
		PADMOUNT TRANSFORMER (PMT)
		POLE TRANSFORMER
		SUPPLY PILLAR
		LINK PILLAR
		C&I PILLAR
		EARTH
		HV POLE
		HV AND LV POLE
		LV POLE / STREET LIGHT COLUMN
		POLE STAY
		OPEN HV SWITCH
		CLOSED HV SWITCH
		OPEN LV SWITCH
		CLOSED LV SWITCH
		OPEN LV BREAK POINT
		CLOSED LV BREAK POINT
		OPEN PMT/RMU ISOLATOR
		CLOSED EDD LINK
		LV UNDERGROUND POLE TERMINATION
		HV UNDERGROUND POLE TERMINATION
		UNDERGROUND JOINT
		ELECTRICAL CABLE IN CONDUIT
		SPARE HV CONDUIT
		SPARE LV CONDUIT
		ENERGEX COMMUNICATIONS CONDUIT
		STREET LIGHT PIT
		CONCRETE ELECTRICAL CABLE MARKERS
		CONDUIT EAP
		UNDERGROUND MAINS / ELECTRICAL CONDUIT
		OVERHEAD MAINS
		WATER METER
		SURVEY PEGS

**LIGHTING LEGEND**

PROPOSED	EXISTING	DESCRIPTION
		L90A 90W 4K AERO PHILIPS ROADFLAIR
		L13A3 BRP392 LED161W 113W 220-240V DWV
		L61A3 BRP392 LED96W 61W 220-240V DWV
		L24A3 STREETLED3 24W 3K AERO - P20G2109061-10
		L14A3 STREETLED3 13.7W 3K AERO - 201052PH

ISSUE	DATE	REMARKS	DFT	CHKD	APV0	LOCAL AUTHORITY	DEVELOPER	ALIGNMENTS
01	04/12/2023	FOR APPROVAL	CD	TM	SP	COUNCIL CITY OF GOLD COAST	COMPANY CRA GROUP	ENERGEX OH EXISTING
02	15/01/2024	CoGC REQUIRED PROJECT SHEETS ADDED TO RPEQ APPROVAL STAMP	GJ	SP	SP	COM/2022/28	CONTACT MAX EVANS	ENERGEX UG 0-900mm
03	08/02/2024	ADJUSTED TO SUIT CIVIL PLANS	TM	JR	JR	RP DESCRIPTION	EMAIL mevans@cragroup.net.au	STREET LIGHTING 100 IOK & 115 IOK
A	13/06/2024	ISSUE FOR CONSTRUCTION	TM	JR	JR	NEW LOTS	COMPANY SAUNDERS HAVILL GROUP	COMMUNICATIONS REFER OPTICOMM
B	10/09/2024	MODIFIED TO ENERGEX REQUIREMENTS	TM	JR	JR	LOTS 1001 - 1072 LOTS 848 & 917 PARK	CONTACT TOM GOLDWATER PH:(07)3251 9479	GAS REFER APA
C	08/01/2026	SCHEMATIC CHANGES	RR	JK	JR	CANCELLING PART LOTS LOT 5000 SP327218	CONTACT tomgoldwater@saundershavill.com	HP GAS REFER APA
-	-	-	-	-	-	NO. OF NEW LOTS 74	EMAIL michael.wenzel@arcadis.com	WATER REFER CIVIL
-	-	-	-	-	-	SITE DETAILS	COMPANY ARCADIS	SEWER REFER CIVIL
-	-	-	-	-	-	NO MODIFIED SITES 135	CONTACT MICHAEL WENZEL PH:(07)5503 4867	OTHER REFER CIVIL
-	-	-	-	-	-	UBD REF. MAP GC-37 GRID N19	EMAIL michael.wenzel@arcadis.com	PEGGED? YES

**ARCADIS**

Arcadis Australia Pacific Pty Ltd  
Level 35, 111 Eagle Street  
Brisbane QLD 4000  
ABN 76 104 485 289

Tel No: +61 7 3337 0000  
www.arcadis.com

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**FOR CONSTRUCTION**

DESIGNER: C. DRABSCH 13/09/2023 PH: (07)3337 0000  
CHECKED: T.MCALLEY 18/09/2023  
APPROVED: S.PERERA 04/12/2023

**OPTICOMM**

REF. No: PMVW-0010  
PHONE: 0438 973 566  
EMAIL: agarrow@opticom.net.au  
FILENAME: E-10-30063134-C.dwg

**ENERGEX**

11kV & LV EXTENSION TO NEW SITE  
- SITE PLAN, LEGEND, LOCALITY PLAN AND NOTES -

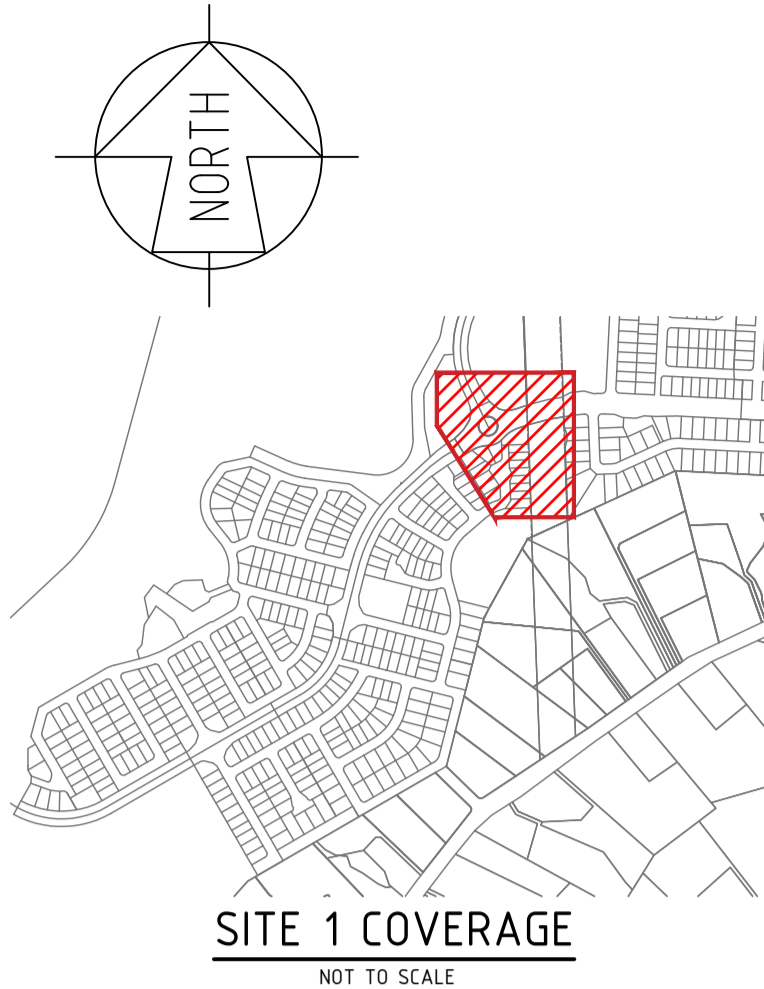
**ELECTRICAL & LIGHTING RETICULATION  
SKYRIDGE - STAGE 10  
SKYRIDGE BLVD, WORONGARY**

ARCADIS WORKSPLAN VERSION 2.3

SCALE: N.T.S. @ A1  
PROJECT / SUB PROJECT NO.  
**S4600139**

SHEET 1 OF 9

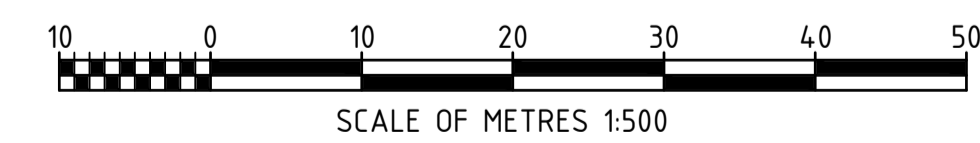
Drawing No. E-03-10-01 Project No. 30063134 Issue C



**SITE 1 COVERAGE**  
NOT TO SCALE

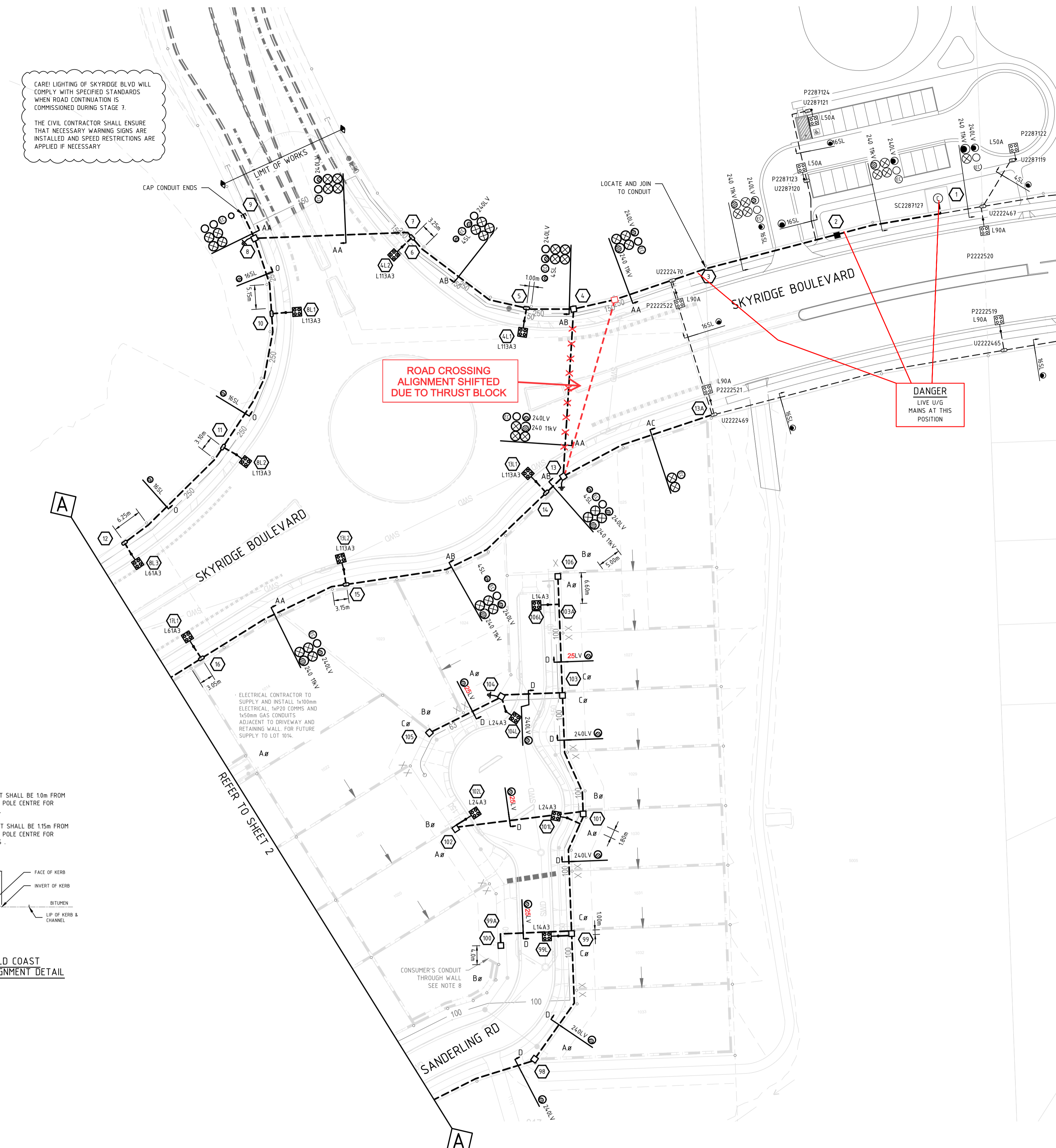
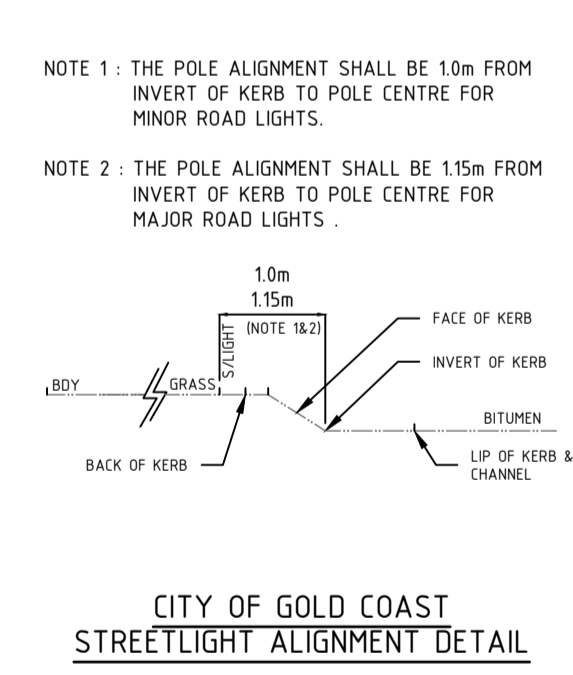
LIGHTING LEGEND	
PROPOSED	EXISTING

ELECTRICAL LEGEND	
PROPOSED	EXISTING
	STATION NUMBER
	RING MAIN UNIT (RMU)
	GROUND TRANSFORMER (GT)
	PADMOUNT TRANSFORMER (PMT)
	POLE TRANSFORMER
	SUPPLY PILLAR
	LINK PILLAR
	C&I PILLAR
	EARTH
	HV POLE
	HV AND LV POLE
	LV POLE / STREET LIGHT COLUMN
	POLE STAY
	OPEN HV SWITCH
	CLOSED HV SWITCH
	OPEN LV SWITCH
	CLOSED LV SWITCH
	OPEN LV BREAK POINT
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	ELECTRICAL CABLE IN CONDUIT
	SPARE HV CONDUIT
	SPARE LV CONDUIT
	ENERGEX COMMUNICATIONS CONDUIT
	STREET LIGHT PIT
	CONCRETE ELECTRICAL CABLE MARKERS
	CONDUIT CAP
	UNDERGROUND MAINS / ELECTRICAL CONDUIT
	OVERHEAD MAINS
	WATER METER
	SURVEY PEGS



CAREY LIGHTING OF SKYRIDGE BLVD WILL COMPLY WITH SPECIFIED STANDARDS WHEN ROAD CONTINUATION IS COMMISSIONED DURING STAGE 7.

THE CIVIL CONTRACTOR SHALL ENSURE THAT NECESSARY WARNING SIGNS ARE INSTALLED AND SPEED RESTRICTIONS ARE APPLIED IF NECESSARY.



**AS CONSTRUCTED**  
SAE ENERGY PTY LTD

NAME: Jake Beith    PHONE: 1300 18 20 50  
SIGN: [Signature]    DATE: 24/3/2026

ISSUE	DATE	REMARKS	DFT	CHKD	APVD
01	04/12/2023	FOR APPROVAL	CD	TM	SP
02	15/01/2024	CoGC REQUIRED PROJECT SHEETS ADDED TO RPQC APPROVAL STAMP	GJ	SP	SP
03	08/02/2024	ADJUSTED TO SUIT CIVIL PLANS	TM	JR	JR
A	13/06/2024	ISSUE FOR CONSTRUCTION	TM	JR	JR
B	10/09/2024	MODIFIED TO ENERGEX REQUIREMENTS	TM	JR	JR
C	08/01/2026	SCHEMATIC CHANGES	RR	JK	JR

LOCAL AUTHORITY		DEVELOPER		ALIGNMENTS	
COUNCIL	CITY OF GOLD COAST	COMPANY	CRA GROUP	ENERGEX OH	EXISTING
APPROVAL NO.	COM/2022/28	CONTACT	MAX EVANS	ENERGEX UG	0-900mm
RP DESCRIPTION		EMAIL	mevans@cragroup.net.au	STREET LIGHTING	100 IOK & 115 IOK
LOTS 1001 - 1072		SURVEYOR		COMMUNICATIONS	REFER OPTICOMM
LOTS 848 & 917 PARK				GAS	REFER APA
LOT 5000 SP327218		CONTACT	TOM GOLDWATER	HP GAS	REFER APA
74		EMAIL	tomgoldwater@saundershavill.com	WATER	REFER CIVIL
NO. OF NEW LOTS		CIVIL ENGINEER (SITE CONTACT)		STORMWATER	REFER CIVIL
135				SEWER	REFER CIVIL
NO MODIFIED SITES		CONTACT	MICHAEL WENZEL	OTHER	REFER CIVIL
UBD REF.	MAP GC-37 GRID N19	EMAIL	michael.wenzel@arcadis.com	PEGGED?	YES

**ARCADIS**

Arcadis Australia Pacific Pty Ltd  
Level 35, 111 Eagle Street  
Brisbane QLD 4000  
ABN 76 104 485 289

Tel No: +61 7 3337 0000  
www.arcadis.com

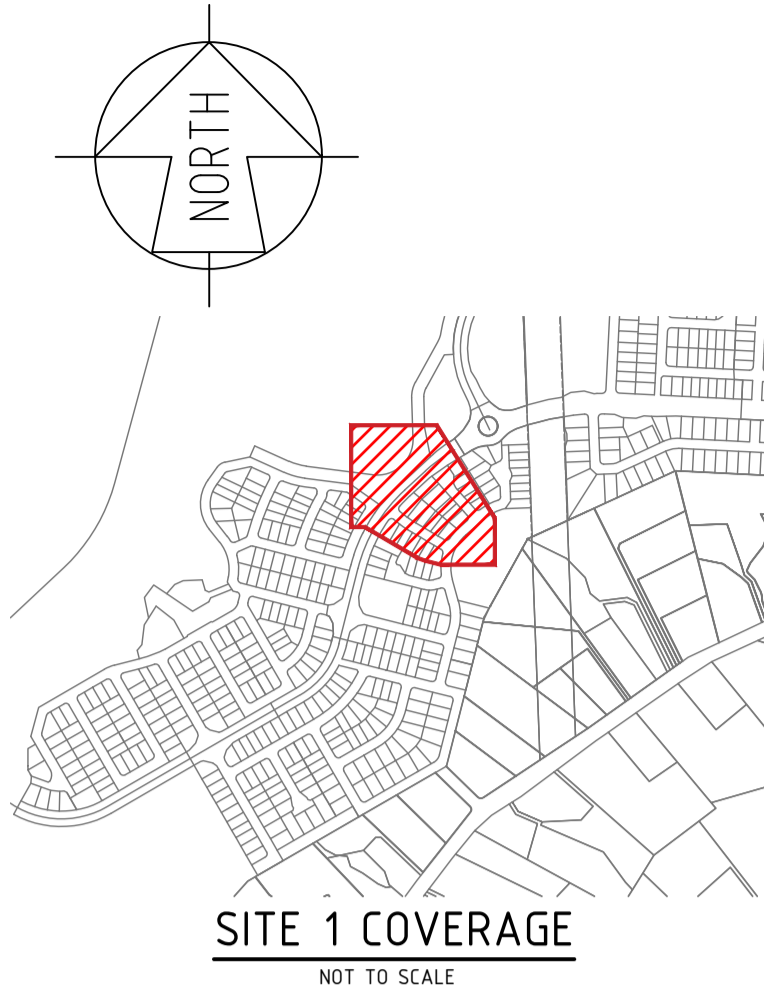
FOR CONSTRUCTION	
DESIGNER:	C. DRABSCH
CHECKED:	T. MCAULEY
APPROVED:	S. PERERA
REF. No:	PMVW-0010
PHONE:	0438 973 566
EMAIL:	agarrow@opticom.net.au
FILENAME:	E-10-30063134-C.dwg

**ENERGEX**

11kV & LV EXTENSION TO NEW SITE  
- SITE PLAN 1 -

**ELECTRICAL & LIGHTING RETICULATION  
SKYRIDGE - STAGE 10  
SKYRIDGE BLVD, WORONGARY**

ARCADIS WORKSPLAN VERSION 2.3	
SCALE:	1:500 @ A1
PROJECT / SUB PROJECT NO.	S4600139
SHEET	2 OF 9
Drawing No.	Project No.
E-03-10-02	30063134
Issue	C



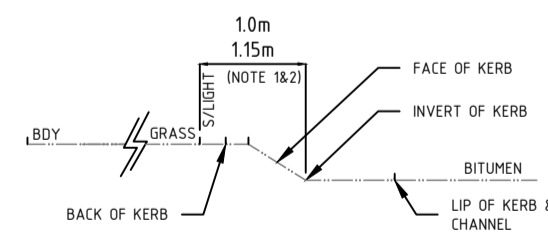
SITE 1 COVERAGE

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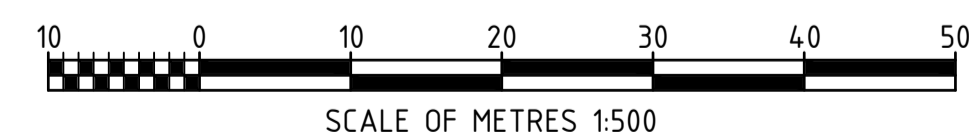
LIGHTING LEGEND	
PROPOSED	EXISTING

ELECTRICAL LEGEND	
PROPOSED	EXISTING
	STATION NUMBER
	RING MAIN UNIT (RMU)
	GROUND TRANSFORMER (GT)
	PADMOUNT TRANSFORMER (PMT)
	POLE TRANSFORMER
	SUPPLY PILLAR
	LINK PILLAR
	C&I PILLAR
	EARTH
	HV POLE
	HV AND LV POLE
	LV POLE / STREET LIGHT COLUMN
	POLE STAY
	OPEN HV SWITCH
	CLOSED HV SWITCH
	OPEN LV SWITCH
	CLOSED LV SWITCH
	OPEN LV BREAK POINT
	CLOSED LV BREAK POINT
	OPEN PMT/RMU ISOLATOR
	CLOSED EDD LINK
	LV UNDERGROUND POLE TERMINATION
	HV UNDERGROUND POLE TERMINATION
	UNDERGROUND JOINT
	ELECTRICAL CABLE IN CONDUIT
	SPARE HV CONDUIT
	SPARE LV CONDUIT
	ENERGEX COMMUNICATIONS CONDUIT
	STREET LIGHT PIT
	CONCRETE ELECTRICAL CABLE MARKERS
	CONDUIT CAP
	UNDERGROUND MAINS / ELECTRICAL CONDUIT
	OVERHEAD MAINS
	WATER METER
	SURVEY PEGS

NOTE 1 : THE POLE ALIGNMENT SHALL BE 1.0m FROM INVERT OF KERB TO POLE CENTRE FOR MINOR ROAD LIGHTS.  
 NOTE 2 : THE POLE ALIGNMENT SHALL BE 1.15m FROM INVERT OF KERB TO POLE CENTRE FOR MAJOR ROAD LIGHTS.



CITY OF GOLD COAST STREETLIGHT ALIGNMENT DETAIL



**AS CONSTRUCTED**  
 SAE ENERGY PTY LTD  
 NAME: Jake Beith PHONE: 1300 18 20 50  
 SIGN: [Signature] DATE: 24/3/2026

ISSUE	DATE	REMARKS	DFT	CHKD	APVD
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B	10/09/2024	MODIFIED TO ENEREX REQUIREMENTS	TM	JR	JR
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LOCAL AUTHORITY		DEVELOPER		ALIGNMENTS	
COUNCIL	CITY OF GOLD COAST	COMPANY	CRA GROUP	ENERGEX OM	EXISTING
APPROVAL NO.	COM/2022/28	CONTACT	MAX EVANS	ENERGEX UG	0-900mm
RP DESCRIPTION		EMAIL	mevans@cragroup.net.au	STREET LIGHTING	100 IOK & 115 IOK
NEW LOTS	LOTS 1001 - 1072 LOTS 848 & 917 PARK	SURVEYOR		COMMUNICATIONS	REFER OPTICOMM
CANCELLING PART LOTS	LOT 5000 SP327218	COMPANY	SAUNDERS HAVILL GROUP	GAS	REFER APA
NO. OF NEW LOTS	74	CONTACT	TOM GOLDWATER PH:(07)3251 9479	HP GAS	REFER APA
NO MODIFIED SITES	135	EMAIL	tomgoldwater@saundershavill.com	WATER	REFER CIVIL
UBD REF.	MAP GC-37 GRID N19	CIVIL ENGINEER (SITE CONTACT)		SEWER	REFER CIVIL
		COMPANY	ARCADIS	OTHER	REFER CIVIL
		CONTACT	MICHAEL WENZEL PH:(07)5503 4847	PEGGED?	YES
		EMAIL	michael.wenzel@arcadis.com		

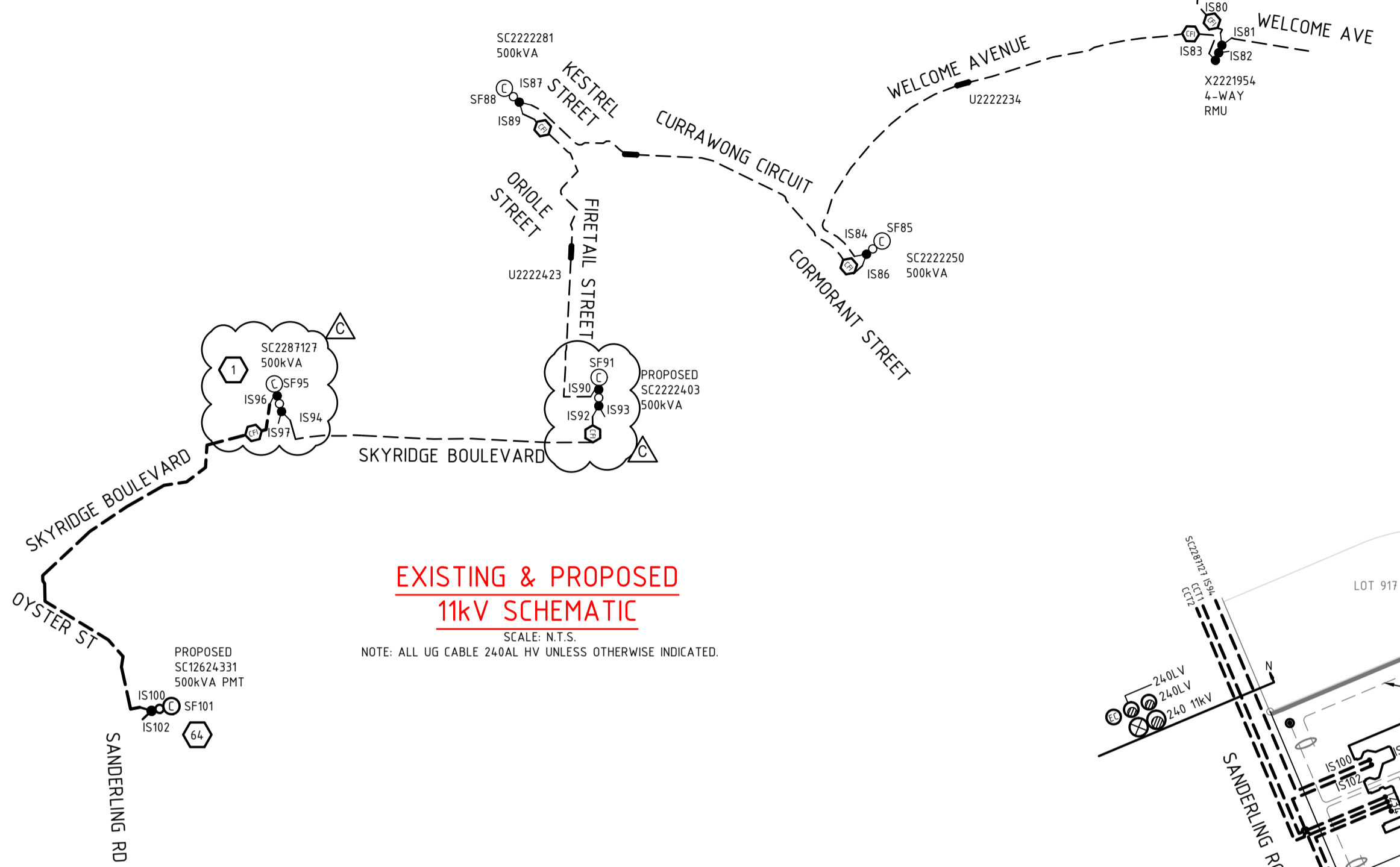
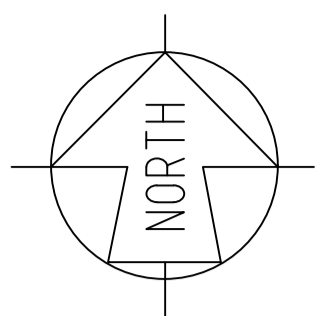
**ARCADIS**  
 Arcadis Australia Pacific Pty Ltd  
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**FOR CONSTRUCTION**  
 DESIGNER: C. DRABSCH 13/09/2023 PH: (07)3337 0000  
 CHECKED: T.MCAULEY 18/09/2023  
 APPROVED: S.PERERA 04/12/2023  
 OPTICOMM  
 REF. No: PMVW-0010  
 PHONE: 0438 973 566  
 EMAIL: agarrov@opticom.net.au  
 FILENAME: E-10-30063134-C.dwg

**ENERGEX**  
 11kV & LV EXTENSION TO NEW SITE  
 - SITE PLAN 2 -  
 ELECTRICAL & LIGHTING RETICULATION  
 SKYRIDGE - STAGE 10  
 SKYRIDGE BLVD, WORONGARY

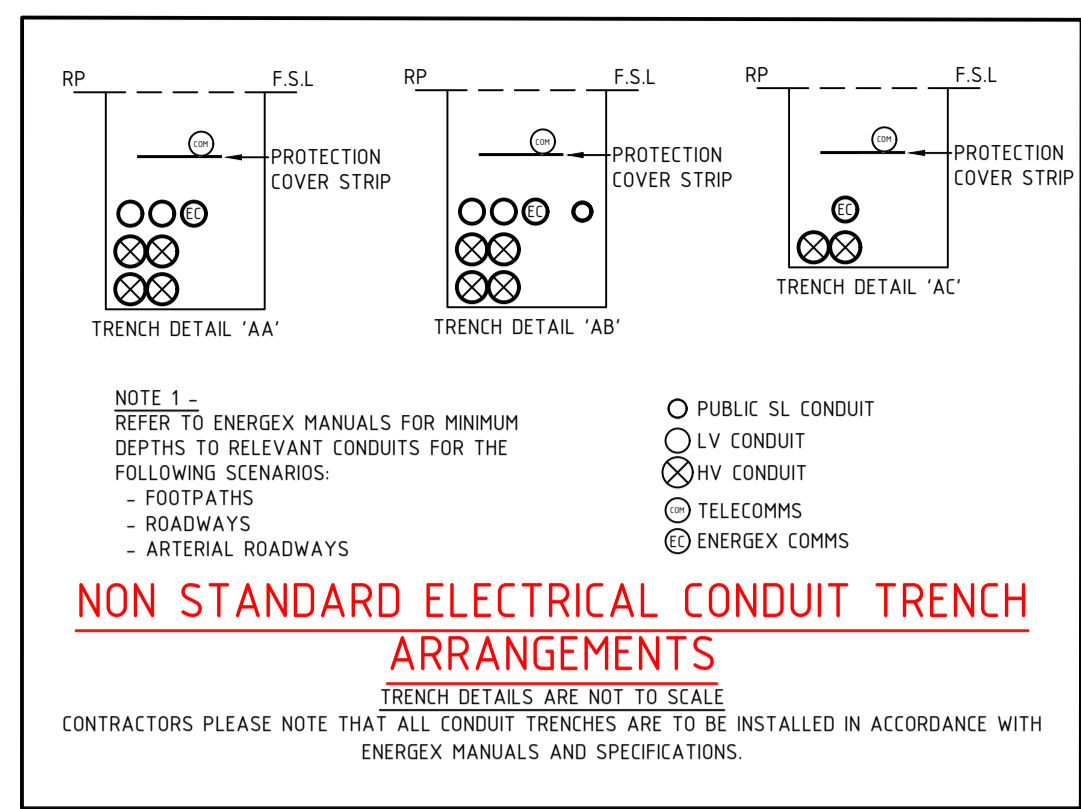
ARCADIS WORKSPLAN VERSION 2.3  
 SCALE: 1:500 @ A1  
 PROJECT / SUB PROJECT NO.  
**S4600139**  
 SHEET 3 OF 9  
 Drawing No. Project No. Issue  
 E-03-10-03 30063134 C





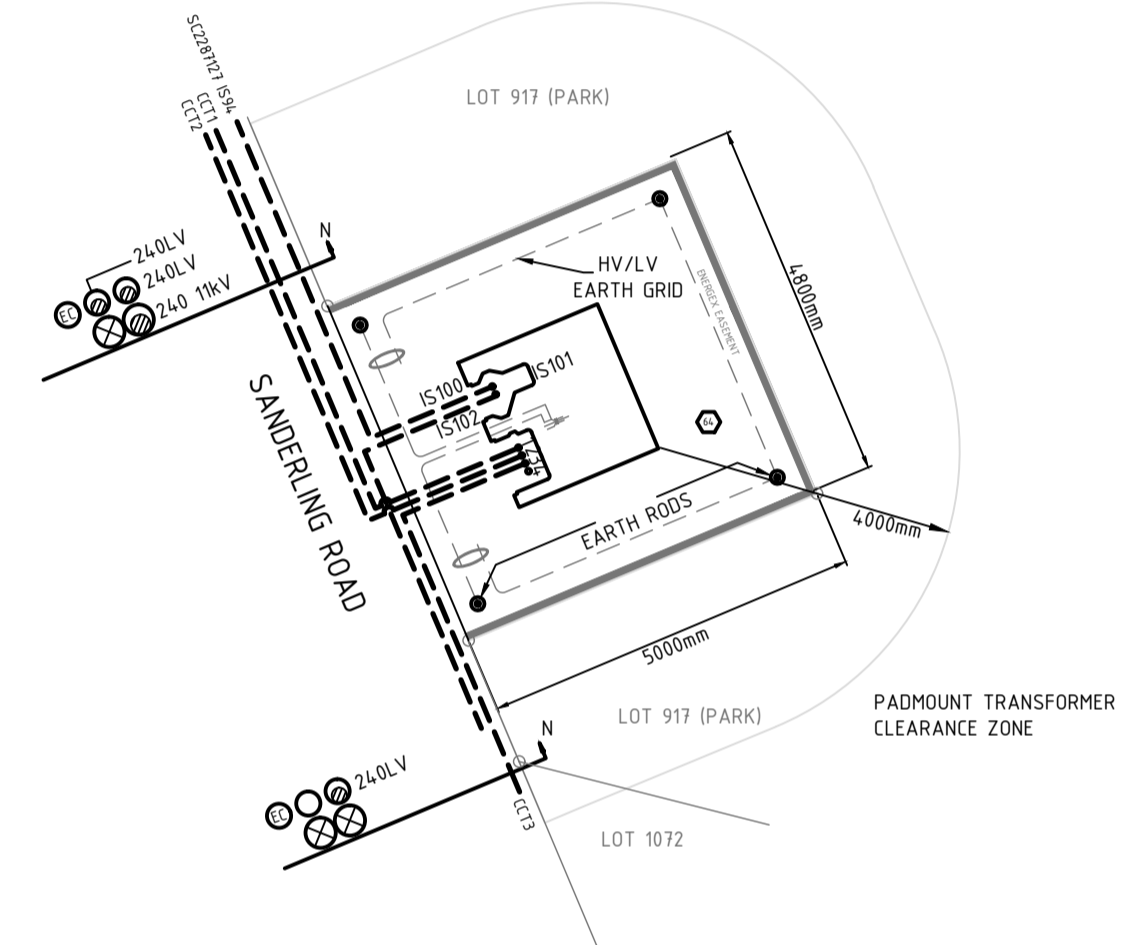
**EXISTING & PROPOSED 11kV SCHEMATIC**

SCALE: N.T.S.  
NOTE: ALL UG CABLE 240AL HV UNLESS OTHERWISE INDICATED.



**NON STANDARD ELECTRICAL CONDUIT TRENCH ARRANGEMENTS**

TRENCH DETAILS ARE NOT TO SCALE  
CONTRACTORS PLEASE NOTE THAT ALL CONDUIT TRENCHES ARE TO BE INSTALLED IN ACCORDANCE WITH ENERXEX MANUALS AND SPECIFICATIONS.



**DETAIL "A" PADMOUNT TRANSFORMER**

SCALE: N.T.S.  
PROPOSED 500kVA SQUARE SERIES - SC12624331  
COMMON EARTHING  
SPARE CONDUITS NOT SHOWN ARE TO BE CONTINUOUS

**PADMOUNT TRANSFORMER SITE NOTES**

CIVIL ENGINEER AND CIVIL CONTRACTOR  
CIVIL ENGINEERS AND CIVIL CONTRACTOR SHALL ENSURE THAT THE PADMOUNT TRANSFORMER SITE IS LEVEL AND IN ACCORDANCE WITH ENERXEX UNDERGROUND DISTRIBUTION MANUALS.

ALL PADMOUNTED SUBSTATIONS SET ON THE EDGE OF A PERMISSIBLE RESIDENTIAL DWELLING MUST ENSURE A MINIMUM 4M CLEARANCE ZONE TO ADDRESS THE RISK OF NOISE, EMP, FIRE AND EXPLOSION IN ACCORDANCE WITH ENERXEX UNDERGROUND DISTRIBUTION CONSTRUCTION MANUALS.

**PROPOSED COMMISSIONING PLAN**

TENTATIVE ONLY - SUBJECT TO CHANGE BY ENERXEX OUTAGE COORDINATOR.  
SIMPLE 11kV & LV SWITCHING.  
IF LV ISOLATION ON SKYRIDGE BLVD SC2287127 FS1 IS REQUIRED, 0 CUSTOMERS WOULD BE AFFECTED

- CONNECT 11kV AT SKYRIDGE BLVD SC2287127 IS96 (STN 1)
- CONNECT LV AT SKYRIDGE BLVD U12624279 (STN 2)
- IF REQUIRED - ISOLATE LV AT SKYRIDGE BLVD SC2287127 FS1 (STN 1)
- TEST AND COMMISSION

**LABEL AT SKYRIDGE BLVD - SC2287127**

LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION			LABEL LOCATION	LABEL DESCRIPTION
150x40	WB	20				FRONT	RMU IDENTIFICATION
50x20	BLUE W	10				FRONT	DESIGN IDENTIFICATION
150x40	WB	15	IS96	SF95	IS94	IS97	NEAR ISOLATOR IDENTIFICATION
150x40	BW	20				FRONT	FEEDER IDENTIFICATION
150x50	BW	10	TO SANDERLING RD SC12624331 IS100	EXISTING LABEL TO REMAIN	EXISTING LABEL TO REMAIN	EXISTING LABEL TO REMAIN	CABLE BOX CABLE DESTINATION
150x50	BW	10	TO SANDERLING RD SC12624331 IS100	EXISTING LABEL TO REMAIN	EXISTING LABEL TO REMAIN	EXISTING LABEL TO REMAIN	INSIDE SIDE WALL CABLE DESTINATION

**LABEL AT SANDERLING RD - SC12624331**

LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION			LABEL LOCATION	LABEL DESCRIPTION
150x40	WB	20				FRONT	RMU IDENTIFICATION
50x20	BLUE W	10				FRONT	DESIGN IDENTIFICATION
150x40	WB	15	IS100	SF101	IS102		NEAR ISOLATOR IDENTIFICATION
150x40	BW	20				FRONT	FEEDER IDENTIFICATION
150x50	BW	10	TO SKYRIDGE BLVD SC2287127 IS96	TO TRANSFORMER	TO SONGLARK ST SC12624438 IS107		CABLE BOX CABLE DESTINATION
150x50	BW	10	TO SKYRIDGE BLVD SC2287127 IS96	TO TRANSFORMER	TO SONGLARK ST SC12624438 IS107		INSIDE SIDE WALL CABLE DESTINATION

**LABEL AT SANDERLING RD - SC12624331**

CIRCUIT NO.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL LOCATION
TFMR ISOLATOR	80x35	WB	6	TRANSFORMER ISOLATOR
1	80x35	WB	5	TO SKYRIDGE BLVD LP12624296 / SANDERLING RD U12624365 & SERVICES
2	80x35	WB	5	TO SKYRIDGE BLVD LP12624308 / RUFUS ST U12624339 / OYSTER ST U12624344 & SERVICES
3	80x35	WB	5	TO SANDERLING RD SC12624331 / SANDERLING RD U12624328 & SERVICES
4	80x35	WB	5	SPARE

**LABEL AT SKYRIDGE BLVD - LP12624296**

CIRCUIT NO.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL LOCATION
1 (LHS)	150x50	WB	5	TO SKYRIDGE BLVD SC2287127 / SKYRIDGE BLVD U12624286 & SERVICES
1 (RHS)	150x50	WB	5	TO SANDERLING RD SC12624331 / SANDERLING RD U12624365 & SERVICES

**LABEL AT SKYRIDGE BLVD - SC2287127**

CIRCUIT NO.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL LOCATION
TFMR ISOLATOR	80x35	WB	6	TRANSFORMER ISOLATOR
1	80x35	WB	5	TO SKYRIDGE BLVD LP12624296 / SKYRIDGE BLVD U12624286 & SERVICES
2	80x35	WB	5	EXISTING LABEL TO REMAIN
3	80x35	WB	5	EXISTING LABEL TO REMAIN
4	80x35	WB	5	EXISTING LABEL TO REMAIN

**LABEL AT SKYRIDGE BLVD - LP12624308**

CIRCUIT NO.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL LOCATION
2	150x50	WB	5	TO SANDERLING RD SC12624331 / OYSTER ST U12624344 / RUFUS ST U12624339 & SERVICES
3 (RHS)	150x50	WB	5	TO SANDERLING RD SC12624331 / SANDERLING RD U12624365 & SERVICES (AS PER 84900140)

ISSUE	DATE	REMARKS	DFT	CHKD	APVD	LOCAL AUTHORITY	DEVELOPER	ALIGNMENTS	FOR CONSTRUCTION	ENERGEX	ARCADIS WORKSPLAN VERSION 2.3
01	04/12/2023	FOR APPROVAL	CD	TM	SP	COUNCIL	CITY OF GOLD COAST	ENERGEX OH	EXISTING		
02	15/01/2024	CoGC REQUIRED PROJECT SHEETS ADDED TO RPOC APPROVAL STAMP	GJ	SP	SP	APPROVAL NO.	COM/2022/28	ENERGEX UG	0-900mm		
03	08/02/2024	ADJUSTED TO SUIT CIVIL PLANS	TM	JR	JR	RP DESCRIPTION		STREET LIGHTING	100 IOK & 115 IOK		
A	13/06/2024	ISSUE FOR CONSTRUCTION	TM	JR	JR	NEW LOTS	LOTS 1001 - 1072	COMMUNICATIONS	REFER OPTICOMM		
B	10/09/2024	MODIFIED TO ENERXEX REQUIREMENTS	TM	JR	JR		LOTS 848 & 917 PARK	GAS	REFER APA		
C	08/01/2026	SCHEMATIC CHANGES	RR	JK	JR	CANCELLING PART LOTS	LOT 5000 SP327218	HP GAS	REFER APA		
-	-	-	-	-	-	-	-	WATER	REFER CIVIL		
-	-	-	-	-	-	NO. OF NEW LOTS	74	SEWER	REFER CIVIL		
-	-	-	-	-	-	SITE DETAILS	135	OTHER	REFER CIVIL		
-	-	-	-	-	-	UBD REF.	MAP GC-37 GRID N19	PEGGED?	YES		

ARCADIS Australia Pacific Pty Ltd  
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ABN 76 104 485 289  
Tel No: +61 7 3337 0000  
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**FOR CONSTRUCTION**

DESIGNER: C. DRABSCH 13/09/2023 PH: (07)3337 0000  
CHECKED: T.MCALLEY 18/09/2023  
APPROVED: S.PERERA 04/12/2023

OPTICOMM

REF. No: PMW-0010  
PHONE: 0438 973 566  
EMAIL: agarrow@opticomm.net.au  
FILENAME: E-10-30063134-C.dwg

**ENERGEX**

11kV & LV EXTENSION TO NEW SITE  
- HV & LV GEOGRAPHIC, LABELS, COMMISSION PLAN, DETAILS -

**ELECTRICAL & LIGHTING RETICULATION**  
SKYRIDGE - STAGE 10  
SKYRIDGE BLVD, WORONGARY

SCALE: N.T.S. @ A1  
PROJECT / SUB PROJECT NO.  
**S4600139**  
SHEET 5 OF 9  
Drawing No. 30063134 Project No. Issue C



EQUIPMENT SCHEDULE (CONT.)													
LOCATION	STN No.	ENERGEX SITE I.D.	EX.	REC.	IN.	MODEL DESCRIPTION	IIN	COMP. ID	PLANT No.	MODEL I.D. / C.U. LISTING	QTY.	LCC	REMARKS
SKYRIDGE BLVD	1	SC2879727	X		X	ABB SAFELINK2 RMU (CFD) 500KVA 11KV ELBOW TERM 185-240 TRIPLEX		TR1		ZDBSTA24D	1		
	2	U12624279	X		X	ELECT PILLAR (4C) 1WAY 240, 6 X 100 +SL URD SERVICE PILLAR LUGSET 240MM 4C CABLE		PH1		LVSP4-6SL	1		CONVERT A 1 WAY PILLAR TO A 2 WAY
	4	U12624283	X		X	ELECT PILLAR 4C 3 WAY 3X240, 6 X 100 +SL		PH1		LVSP9-6SL	1		3x240, 1xSL SL FUSE INSTALLED IN SPARE HOLDER
	5	U12624284	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	6	U12624285	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	8	U12624286	X		X	ELECT PILLAR (4C) 1WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP2-6SL LV4CMEN	1 1	1x240, 1xSL	
	10	U12624287	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	11	U12624288	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	12	U12624289	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	13	U12624290	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP4-6SL LV4CMEN	1 1	2x240, 1xSL	SL FUSE INSTALLED IN SPARE HOLDER
	14	U12624291	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	15	U12624292	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	16	U12624293	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	17	U12624295	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL 32A HRC FUSE LINK CARTRIDGE FOR SL		PH1		LVSP4-6SL ASSY801-1	1	2x240, 2xSL	SL FUSE INSTALLED IN SPARE HOLDER
	17A	U12624295	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	18	U12624294	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	19	U12624295	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	20	LP12624296	X		X	LV LINK PILLAR 2 WAY 240-240 AL - 6SL 32A HRC FUSE LINK CARTRIDGE FOR SL MEN EARTHS URD IN 2 WAY LINK PILLAR		LP1		LVSP4-6SL ASSY801-1 LV4CMENLNK	1 1 1	2x240, 2xSL	2x SL FUSE INSTALLED IN SPARE HOLDER
	21	U12624297	X		X	11KV S/J 95-240 TRIPLEX TO 95-240MM XLPE CONCRETE JOINT PROTECTION SLAB		CJ1		11ST24/24TX QVJTPROT	1 1		
	22A	U12624298	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	23	U12624299	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	25	U12624300	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	26	U12624301	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	27	U12624302	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL		PH1		LVSP4-6SL	1	2x240, 2xSL	
	28	U12624303	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL 32A HRC FUSE LINK CARTRIDGE FOR SL		PH1		LVSP4-6SL ASSY801-1	1 1		
	30	U12624304	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	31	U12624305	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	33	U12624306	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	34	U12624307	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	35	LP12624308	X		X	LV LINK PILLAR 2 WAY 240-240 AL - SL MEN EARTHS URD IN 2 WAY LINK PILLAR		LP1		LVSP4-6SL LV4CMENLNK	1 1	2x240, 1xSL	
	36	U12624309	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL PHASE BAR FOR 3 WAY URD SERVICE PILLAR	SC0006508	PH1		LVSP4-6SL ASSY801-1	1 4	2x240, 1xSL	SL FUSE INSTALLED IN SPARE HOLDER
	37	U12624309	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	38	U12624310	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	40	U12624311	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL 32A HRC FUSE LINK CARTRIDGE FOR SL PHASE BAR FOR 3 WAY URD SERVICE PILLAR	SC0006508	PH1		LVSP4-6SL ASSY801-1	1 4	2x240, 2xSL	SL FUSE INSTALLED IN SPARE HOLDER
	41	U12624312	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	42	U12624313	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	44	U12624314	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	45	U12624315	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT) PHASE BAR FOR 3 WAY URD SERVICE PILLAR	SC0006508	PH1		LVSP4-6SL LV4CMEN	1 4	2x240, 1xSL	SL FUSE INSTALLED IN SPARE HOLDER
	46	U12624316	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	47	U12624317	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	49	U12624318	X		X	SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING		CJ1		SUGSLPIT4	1		
	50	U12624319	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL		PH1		LVSP4-6SL	1	2x240, 1xSL	
	51	U12624320	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1	2x240	
	52	U12624321	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP4-6 LV4CMEN	1 1	2x240, 2x25	
	53	U12624322	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100+SL		PH1		LVSP12-6SL	1	1x16 SL FUSE INSTALLED IN SPARE HOLDER	
55	U12624323	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100+SL		PH1		LVSP12-6SL	1	1x25		
56	U12624324	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1	2x240, 1x25		
58	U12624325	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100+SL		PH1		LVSP12-6SL	1	1x25		
59	U12624326	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP+SL		PH1		LVSP4-6SL	1	2x240, 1x25		
60	U12624327	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1	1x25		
61	U12624328	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT) PHASE BAR FOR 3 WAY URD SERVICE PILLAR	SC0006508	PH1		LVSP4-6SL LV4CMEN	1 4	2x240, 1xSL		
62	U12624329	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL		PH1		LVSP4-6SL	1	2x240, 1xSL		
63	U12624330	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1	2x240		
64	SC12624331	X		X	ABB SAFELINK2 RMU (CFD) 500KVA HV FUSE SAFELINK500KVA PHT TMR AIR/TEMP LV PHT TERM/CR 240SQMM 4C XLPE CABLE LV FUSE LINK 315A FOR ABB LV BD CULVERT BOX CONCRETE.PRECAST FOUNDATION,1700MLG SQ PADMOUNT COMMON EARTHING MODELS 11KV ELBOW TERM 185-240 TRIPLEX	52475044	TR1		DSHVFF5SLK LVPT4C240 DSLVEF31 SC0019959 SC0019960 DSSDPHCEG ZDBSTA24D	1 3 3 1 1 1 1		2-WAY RMU PHT	
66	U12624332	X		X	ELECT PILLAR 4C 3WAY 3X240, 6 X 100 +SL		PH1		LVSP9-6SL	1	3x240, 1xSL SL FUSE INSTALLED IN SPARE HOLDER		
67	U12624333	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1	2x240		
69	U12624334	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP4-6SL LV4CMEN	1 1	2x240, 1x25 1xSL		
70	U12624335	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1	1x25		
71	U12624336	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1	2x240, 1x25		
72	U12624337	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100+SL		PH1		LVSP12-6SL	1	1x25 1xSL		
73	U12624338	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1	2x240		
75	U12624339	X		X	ELECT PILLAR (4C) 1WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP2-6SL LV4CMEN	1 1	1x240, 1x25 1xSL		
76	U12624340	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1	1x25		
<del>77</del>	<del>U12624341</del>	<del>X</del>		<del>X</del>	<del>SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING</del>		<del>CJ1</del>		<del>SUGSLPIT4</del>	<del>1</del>			
79	U12624342	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL		PH1		LVSP4-6SL	1	2x240, 1xSL		
80	U12624343	X		X	ELECT PILLAR 4C 3WAY 3X240, 6 X 100 +SL		PH1		LVSP9-6SL	1	3x240, 1xSL		
81	U12624344	X		X	ELECT PILLAR (4C) 1WAY 240, 6 X 100AMP MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP2-6 LV4CMEN	1 1	1x240, 1x25		
82	U12624345	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1	1x25		
84	U12624346	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP4-6SL LV4CMEN	1 1	2x240, 1x25 1xSL		
85	U12624347	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1	1x25		

EQUIPMENT SCHEDULE (CONT.)													
LOCATION	STN No.	ENERGEX SITE I.D.	EX.	REC.	IN.	MODEL DESCRIPTION	IIN	COMP. ID	PLANT No.	MODEL I.D. / C.U. LISTING	QTY.	LCC	REMARKS
SANDERLING RD	<del>87</del>	<del>U12624348</del>	<del>X</del>		<del>X</del>	<del>SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING</del>		<del>CJ1</del>		<del>SUGSLPIT4</del>	<del>1</del>		
	88	U12624349	X		X	ELECT PILLAR 4C 3WAY 3X240, 6 X 100 +SL 32A HRC FUSE LINK CARTRIDGE FOR SL MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP9-6SL ASSY801-1 LV4CMEN	1 1 1		3x240, 1xSL SL FUSE INSTALLED IN SPARE HOLDER
CASPIAN CL	89	U12624350	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL		PH1		LVSP4-6SL	1		2x240, 1x25 1xSL SL FUSE INSTALLED IN SPARE HOLDER
	90	U12624351	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1		1x25
	91	U12624352	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1		2x240, 1x25
	92	U12624353	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1		1x25
	93	U12624354	X		X	ELECT PILLAR 4C 3WAY 3X240, 6 X 100 +SL		PH1		LVSP9-6SL	1		3x240, 1xSL
	94	U12624355	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP GALVANISED PIPE BOLLARD		PH1		LVSP12-6	1		1x25
SANDERLING RD	<del>97</del>	<del>U12624358</del>	<del>X</del>		<del>X</del>	<del>SUGSL/PIT4/SERVICESMA/J/MNRDLOOPING</del>		<del>CJ1</del>		<del>SUGSLPIT4</del>	<del>1</del>		
	98	U12624359	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL		PH1		LVSP4-6SL	1		2x240, 1xSL
	99	U12624360	X		X	ELECT PILLAR 4C 2WAY 240, 6X100A+SL		PH1		LVSP4-6SL	1		2x240, 1x25 1xSL
	100	U12624361	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1		1x25
	101	U12624362	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP+SL		PH1		LVSP4-6SL	1		2x240, 1x25
	102	U12624363	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100+SL		PH1		LVSP12-6SL	1		1x25 1xSL
	103	U12624364	X		X	ELECT PILLAR 4C 2WAY 240, 6 X 100AMP		PH1		LVSP4-6	1		2x240, 1x25
	104	U12624365	X		X	ELECT PILLAR (4C) 1WAY 240, 6X100A+SL MEN EARTHS URD EXTENTIONS(NORMAL POINT)		PH1		LVSP2-6SL LV4CMEN	1 1	1x240, 1x25 1xSL	SL FUSE INSTALLED IN SPARE HOLDER
	105	U12624366	X		X	ELECT PILLAR CROSS ROAD 25SQMM 6X100AMP		PH1		LVSP12-6	1		1x25
	106	U12624367											






## UGD

ENERGEX STOCK CODE	QTY
CVCOND50HY	775
CVCOND100LT	2392
CVCOND100COM	820
CVCOND125LT6	2612
B50X90X600HD	105
B100X15X1830	32
B100X30X1830	27
B100X45X1830	92
SC00214 77	15
SC00214 78	11
SC00214 79	8
B125X15X1830	32
B125X30X1830	20
B125X45X1830	16
ASSY801-1	41
CABLELUBE	45
2DBSTA24D	2
LVSP1240	1
LVSP9-6SL	5
SUGSLLPIT4	30
LVSP2-6SL	3
LV4CMEN	12
LVSP4-6SL	16
LVSP14-6SL	2
11ST24/24TX	1
CIVJTPROT	1
LVSP4-6	11
LVSP12-6SL	5
LVSP12-6	10
LVSP2-6	2
SC0006508	16
LV4CMENLINK	2
DSHV5SLK	1
LVPT4C240	3
DSL5VF31	3
SC0019959	1
SC0019960	1
DSSQPMCEG	1
S2475044	1
SB65105CI	25
SB90115CUI	6
SLEDPH1164A3	6
SLEDSY024403	15
SLEDSY0137A3	22
SLEDPH0636A3	8
SB120130UC1	8
SB75115CI	12
11AT240XSH	568
LVA4240XPV	1665
LVC416XPV	408
LVC216PVPV	80
LVC24PVPV	951

## UGD - CIVIL

ENERGEX STOCK CODE	QTY
CVCOND50HY	172
CVCOND100LT	673
CVCOND100COM	171
CVCOND125LT6	602
1350-3	60

ISSUE	DATE	REMARKS	 <small>Design &amp; Consultancy Engineering Buildings and Infrastructure</small> <b>ARCADIS</b> <small>Level 35, 111 Eagle Street, Brisbane QLD 4000. Phone (07) 3337 0044 www.arcadis.com   Copyright reserved.</small>	ENERGEX			PROJECT / SUB PROJECT NO.		
01	04/12/2023	FOR APPROVAL		SKYRIDGE - STAGE 10 SKYRIDGE BLVD, WORONGARY			S4600139		
02	15/01/2024	RPEQ STAMP CHG					<b>MATERIALS SUMMARY</b>		
03	08/02/2024	TO SUIT CIVIL		Drawing No.   Project No.   Issue E-03-10-ML   30063134   C					
A	13/06/2024	FOR CONSTRUCTION							
B	05/09/2024	ENERGEX REQ'MENTS							
C	08/01/2026	SCHEMATIC CHANGES							