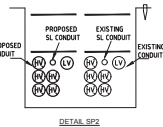


The site plan shows Lot 2 SP245327, which is part of a larger parcel divided by Christensen Road South. The plan includes several key features and annotations:

- Proposed Utility Installation:** A dashed line indicates the path for "NEW PIPES TO BE INSTALLED AT 15\"/>

- ENERGEX NON-STANDARD TRENCH DETAILS (NTS)



S1302115

PLANS AND DOCUMENTS referred to in the
DEVELOPMENT APPROVAL

Application No: OPW/2024/1380

Dated: 19 March 2025

Development shall comply with the
conditions of approval as detailed in the
Decision Notice and Council's Planning
Scheme, Local Laws and Planning Policies

Approval is for street-lighting and
Rate 2 electrical works only

URD CIVIL WORKS SCHEDULE (ROAD CROSSINGS BY CIVIL CONTRACTOR)																				
LOCATION	STATIONS FROM-TO		CONDUIT LENGTH (m)						BENDS (°/100')						X-SECTION (m)			DRAIN WIRE	K&E MARK	REMARKS
	50	No	100C	No	100	No	125	No	50	100C	No	100	125	No	EXCAV. TAPE	COVER STRIP	TRENCH DETAIL			
CHRISTENSEN RD	5	5L	20	1													20	O	20	2
	9	9A	25	1													25	O	25	2
CHRISTENSEN RD STH	21	21A			30	1	30	2	30	2							30	N	150	2
TOTALS			45		30		50		60								75		195	4

URD CIVIL WORKS SCHEDULE (ALONG FOOTPATHS BY ELECTRICAL CONTRACTOR)																					
LOCATION	STATIONS FROM-TO	CONDUIT LENGTH (m)								BENDS (°/760)					X-SECTION (m)			DRAW WIRE	KEIR MARK	REMARKS	
		50	No	100C	No	100	No	125	No	40	No	100C	No	100	125	No	EXCAV TAPE				COVER STRIP
CHRISTENSEN RD	9C - 8D	15	1															15	O	15	INSTALL Bk ALIGNMENT; UNDERDRIVE DRIVEWAY
	9C - 8L1	55	1															55	O	55	INSTALL Bk ALIGNMENT
	9D - 8L2	35	1															35	O	35	INSTALL Bk ALIGNMENT
CHRISTENSEN RD STH	11 - 3A	355	1	355	1	355	2	355	4								350	S	SPT	2840	
	34 - 35	30	1	30	1			30	6								30		SP2	240	INSTALL ADJACENT EXISTING CONDUIT BANK AT FSL LOCATE AND JOIN CONDUIT. REINSTATE TO ORIGINAL
	13 - 14	5	1															5	O	5	LOCATE AND JOIN CONDUIT. REINSTATE TO ORIGINAL
	14A - 15	5	1															5	O	5	INSTALL Bk ALIGNMENT; LOCATE AND JOIN CONDUIT. REINSTATE TO ORIGINAL
	15 - 15L	5	1															5	O	5	INSTALL Bk ALIGNMENT
	18 - 19L	10	1															10	O	10	
	23 - 24L	10	1															10	O	10	
	26 - 26L	5	1															5	O	5	
TOTALS		535		385		710		1600									380	155		3230	

EQUIPMENT SCHEDULE											
LOCATION	STN No	SITE I.D.	EXIST	REC	INSTALL	SIZE & DESCRIPTION	IN	COMP ID	PLANT No.	MODEL ID	QTY
CHRISTENSEN RD	9A				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD	9A				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD	9B				*	JUNCTION BOX KIT (NO FUSE)	PT1	ASSYB33-5	1		
CHRISTENSEN RD	9B				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	9C				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	13				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	15				*	JUNCTION BOX KIT (NO FUSE)	PT1	ASSYB33-5	1		
CHRISTENSEN RD STH	15				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	18				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	19				*	JUNCTION BOX KIT (NO FUSE)	PT1	ASSYB33-5	1		
CHRISTENSEN RD STH	21	U12738388			*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	21	U12738388			*	SUPPLY PILLAR (240-240-240 TF)	PI1	LVSP9-45	1		
CHRISTENSEN RD STH	21A	U12738389			*	C-1 PILLAR	C1	LVF400CF	1		
CHRISTENSEN RD STH	22	U12738390			*	EARTH	EX	ASSY1037-1	1		
CHRISTENSEN RD STH	23				*	11W STRAIGHT JOINT	SJ1	11ST2424K	1		
CHRISTENSEN RD STH	24				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	26				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	30				*	JUNCTION BOX KIT (NO FUSE)	PT1	ASSYB33-5	1		
CHRISTENSEN RD STH	30				*	SL PIT & LID (TYPE 4)	PT1	ASSYB33-1	1		
CHRISTENSEN RD STH	34	LP12738681			*	JUNCTION BOX KIT (NO FUSE)	PT1	ASSYB33-5	1		
CHRISTENSEN RD STH	34	LP12738681			*	LINK PILLAR (240-240 TF)	LP1	LVSP14-65L	1		MAKE N/D
CHRISTENSEN RD STH	35	U136473302			*	EARTH	EX	ASSY1037-1	1		
CHRISTENSEN RD STH	36	U14280			*	11W STRAIGHT JOINT	SJ1	11ST2424K	1		
CHRISTENSEN RD STH	36	U14280			*	SERV PILLAR	EX	EX	EX		
CHRISTENSEN RD STH	36	U14280			*	EARTH	EX	EX	EX		

UNDERGROUND CABLE SCHEDULE													
LOCATION	STATIONS FROM-TO	VOLTS	EXIST	TRF	REC	INSTALL	CABLE SIZE/TYPE	MODEL ID	ROUTE LENGTH (m)	CABLE LENGTH (m)	LOC	REMARKS	
CHRISTENSEN RD	5 - 5A	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	35	35			
	9 - 9A	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	32	35			
	9A - 9L1	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	45	45			
	9A - 9L2	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	57	60			
CHRISTENSEN RD STH	11 - 22	11kV				*	240mm ² 3 x 1C AL XLPE TRIPLEX	11AT240XSH	167	170			
	22 - 35	11kV				*	240mm ² 3 x 1C AL XLPE TRIPLEX	11AT240XSH	227	230			
	11 - 21	LV				*	240mm ² 4C AL XLPE	LV44240XPV	162	165			
	21 - 21A	LV				*	240mm ² 4C AL XLPE	LV44240XPV	35	35			
	21 - 34	LV				*	240mm ² 4C AL XLPE	LV44240XPV	250	255			
	33 - 34	LV	*	*	*	*	240mm ² 4C AL XLPE	LV44240XPV	12	15			
	34 - 35	LV	*	*	*	*	240mm ² 4C AL XLPE	LV44240XPV	205				
	13 - 15L	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	32	35			
	13 - 18	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	47	50			
	17 - 17L	SL	*	*	*	*	4mm ² 2C Cu PVC/PVC	LVG24PVPV	37	40			
	18 - 19L	SL				*	4mm ² 2C Cu PVC/PVC	LVG24PVPV	7	10			
	18 - 21	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	32	35			
TOTALS	26 - 24L	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	77	80			
	26 - 26L	SL				*	4mm ² 2C Cu PVC/PVC	LVG24PVPV	2	5			
	26 - 30	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	72	75			
	30 - 30L	SL				*	4mm ² 2C Cu PVC/PVC	LVG24PVPV	2	5			
	30 - 34	SL				*	16mm ² 2C Cu PVC/PVC	LVG218PVPV	47	50			
		LV				*	240mm ² 3 x 1C AL XLPE TRIPLEX	11AT240XSH	1	400			
		LV				*	240mm ² 4C AL XLPE	LV44240XPV	405	15			

ELECTRICAL / STREET LIGHT CERTIFICATION

THIS IS TO CERTIFY THAT THE DESIGN OF ENERGEX RETICULATION IS IN
ACCORDANCE WITH ENERGEX DESIGN MANUALS AND WORK CATEGORY
SPECIFICATION 47.1 & 47.3 WHERE APPLICABLE.

ROAD LIGHTING CERTIFIED TO COMPLY WITH AS/NZS 1158.1:1992 FOR 'V'
CATEGORY & AS/NZS 1158.3:1992 FOR 'P' CATEGORY LIGHTING FOR ROADS &
PUBLIC SPACES SUPPLIED UNDER ENERGEX CONTRACT. THE LIGHTING
DESIGN IS BASED UPON THE FOLLOWING MAINTENANCE SCHEDULE:

- * LED LAMP REPLACEMENT AT 8000 HOUR INTERVALS INC.
- * CLEANING & INSPECTION OF LUMINAIRE EVERY 48 MONTHS.
- * LAMP REPLACEMENT AT 36 MONTH INTERVALS INC.
- * CLEANING & INSPECTION OF LUMINAIRE.
- * VEGETATION TO BE KEPT CLEAR OF LUMINAIRES.
- * INSPECTION PATROLS & SPOT LAMP REPLACEMENT TO MAINTAIN SERVICE AVAILABILITY AT MIN. 95%.
- * LUMINAIRES & LAMPS TO BE REPLACED WITH EXACT EQUIVALENTS.
- * LUX PLOT BROWN TO EXISTING LUMINAIRES OUTSIDE LIMIT OF RECOMMENDATION THAT MAY NOT COMPLY TO AS1158.3.1:2020. REFER SHEET 5.

STREET NAME
CHRISTENSEN RD, CHRISTENSEN RD STH

LIGHTING CATEGORY
PRS

KRIS BOVENIS (RPEQ 22272)

DATE
20.02.25

ISSUE FOR COUNCIL
ACCEPTANCE ONLY
NOT FOR CONSTRUCTION

This drawing is to be considered preliminary until this
disclaimer is removed by Peter Eustace Pty. Ltd.



22-0641-EGX -03

SITE CONTACT DETAILS		COUNCIL STANDARD ALIGNMENTS		WORKS COORDINATOR		PECE		APPROVED		PECE		WORKSPLAN VERSION 5.5	
NAME	Energex QLD	0.2m Fwd	PARENT PROJECT NO.					CHECKED	KRIS BOVENIS				
YBC	NRN	0.2m RP	WORK REQUEST NO.					DESIGNER	LUKE ABACE				
COMPANY	NRN	REFER NRN	LOTS					PHONE	(07) 5586 1425				
PHONE	-	HP GAS	REFER GAS	CANCELLING LOTS				PLANNER	KRIS BOVENIS				
MOBILE	-	WATER	REFER CIVIL	LOCAL AUTHORITY				PHONE	(07) 5586 1425				
FAX	-	SEWERAGE	REFER CIVIL	URD REF				ISSUE DATE	20 FEBRUARY 2025				
		OTHER	REFER CIVIL	PECE									

INSTALL CONDUIT, LV CABLE, STREETLIGHT, & OH WORKS

VANTAGE YATALA STAGE 3 EXTERNAL WORKS
CHRISTENSEN RD & CHRISTENSEN RD SOUTH
STAPLYTON, QLD, 4207

S1302115

Sheet
ISSUE NO. 6

3 of 7

18.11.25	17.12.25	20.02.25	 STREET ADDRESS: 1114, 70 Lawrence St, Nanning (4211) POSTAL ADDRESS: PO Box 2613, Nanning (4211) TELEPHONE: 07 2096 1423 EMAIL: paul@pece.com.au		 22-0641-EGX -05	SITE CONTACT DETAILS NAME: Energex OH TBC: Energex UAS COMPANY: M&N + : PHONE: + MOBILE: + FAX: + OTHER:	COUNCIL STANDARD ALIGNMENTS 0.7m FoK 0.4m RNP REFER NBN REFER GAS HP GAS WATER REFER CABLE SEWERAGE REFER CIVIL OTHER	WORKS COORDINATOR PARENT PROJECT NO. WORK REQUEST NO. LOTS CANCELLING LOTS LOCAL AUTHORITY URBID REF PEG00207	PECE APPROVED CHECKED DESIGNER PLANNER C ISSUE DATE	KRIS BOVENIS KRIS BOVENIS LUKE ARACE KRIS BOVENIS KRIS BOVENIS 20 FEBRUARY 2025	PECE INSTALL CONDUIT, LV CABLE, STREETLIGHT, & OH WORKS VANTAGE YATALA STAGE 3 EXTERNAL WORKS CHRISTENSEN RD & CHRISTENSEN RD SOUTH STAPYLTON, QLD, 4207	WORKSPLAN VERSION 5.5 SCALE: N.T.S. PROJECT / SUB PROJECT NO. S1302115 Sheet 5 of 7 ISSUE NO: C
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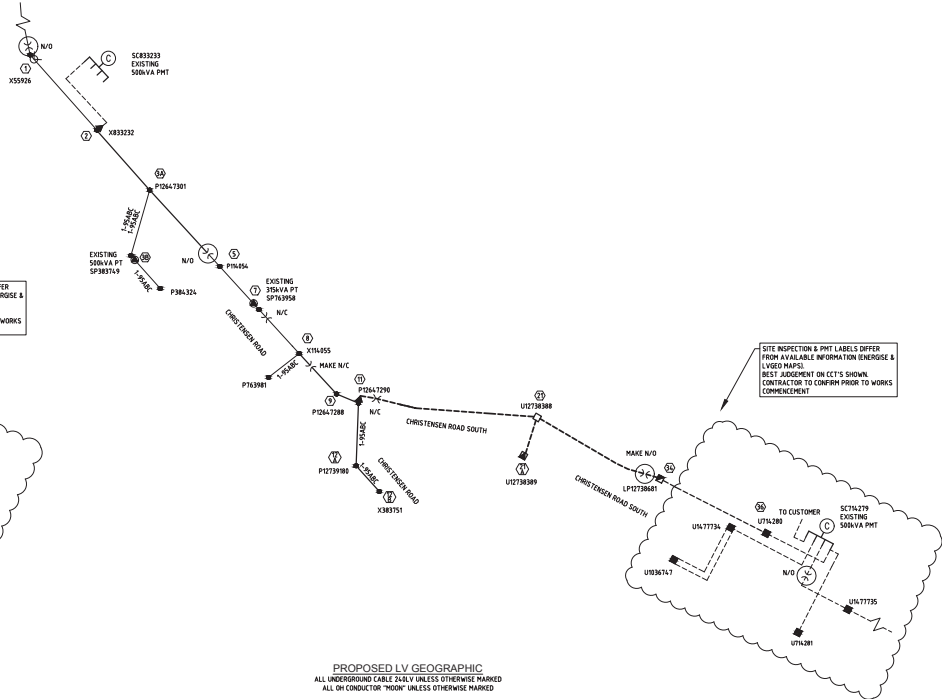
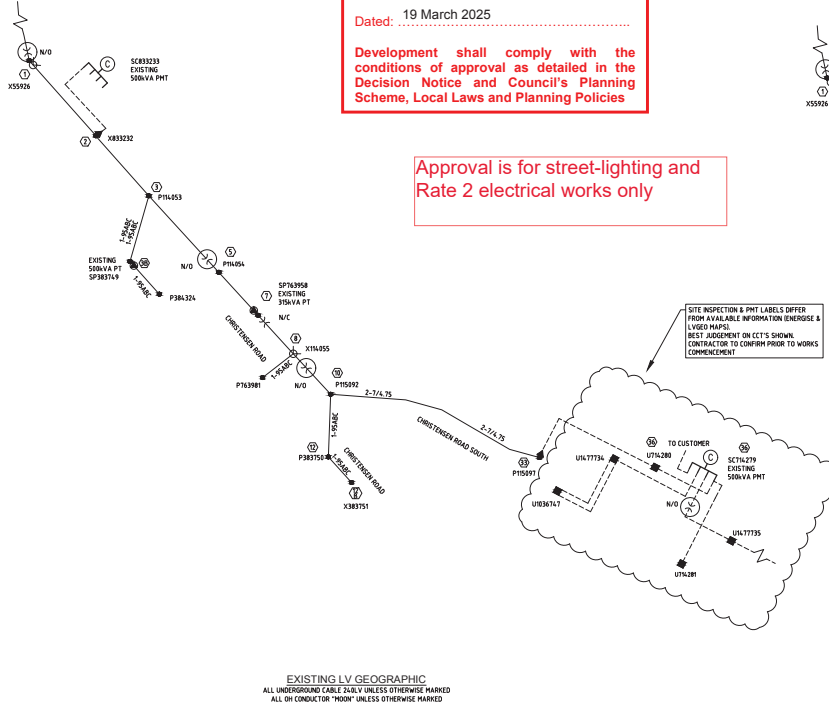
PLANS AND DOCUMENTS referred to in the DEVELOPMENT APPROVAL

Application No.: OPW/2024/1380

Dated: 19 March 2025

Development shall comply with the conditions of approval as detailed in the Decision Notice and Council's Planning Scheme, Local Laws and Planning Policies

Approval is for street-lighting and Rate 2 electrical works only



SYMBOL LEGEND

- PROPOSED 240 AI (UNLESS OTHERWISE MARKED)
- PROPOSED 400V Cu
- EXISTING 240 AI (UNLESS OTHERWISE MARKED)
- PROPOSED OVERHEAD LV ROUTE
- EXISTING OVERHEAD LV ROUTE
- PMT LV GEOGRAPHIC
- PROPOSED SUPPLY PILLAR
- EXISTING SUPPLY PILLAR
- PROPOSED LINK PILLAR
- EXISTING LINK PILLAR
- COMMERCIAL PILLAR
- CIRCUIT CONTINUES
- ⊕ DISCONNECT LINKS (OPEN)
- ⊖ DISCONNECT LINKS (CLOSED)
- OVERHEAD POLE TRANSFORMER
- ★ OVERHEAD POLE (LV ONLY)
- ▶ OVERHEAD LV TERMINATION

NOTE:
FOR SC74279:
- AREAS SHOW KEY PILLARS OF AFFECTED CIRCUIT
- (PMT PILLAR ON EACH CTT/THREE WAYS/END OF RUNS)
- 2-3xLV CABLE
SITE INSPECTION OFFERS FROM AVAILABLE INFORMATION
BEST JUDGEMENT ON CCT'S SHOWN
CONTRACTOR TO CONFIRM PRIOR TO WORKS COMMENCEMENT
SITE INSPECTION ATTACHED TO APPLICATION

FOR SP74358:
AREAS SHOW KEY PILLARS OF AFFECTED CIRCUIT
(THREE WAYS/END OF RUNS)

ELECTRICAL / STREET LIGHT CERTIFICATION

THIS IS TO CERTIFY THAT THE DESIGN OF ENERGEX RETICULATION IS IN ACCORDANCE WITH ENERGEX DESIGN MANUALS AND WORK CATEGORY SPECIFICATION 47.1 & 47.3 WHERE APPLICABLE.

ROAD LIGHTING CERTIFIED TO COMPLY WITH AS/NZS 1188.1:2022 FOR 'V' CATEGORY & AS/NZS 1188.3:2020 FOR 'P' CATEGORY LIGHTING FOR ROADS & PUBLIC SPACES SUPPLIED UNDER ENERGEX CONTRACT. THE LIGHTING DESIGN IS BASED UPON THE FOLLOWING MAINTENANCE SCHEDULE:

- * LED LAMP REPLACEMENT AT 8000 HOUR INTERVALS INC. CLEANING & INSPECTION OF LUMINAIRE EVERY 48 MONTHS.
- * LAMP REPLACEMENT AT 36 MONTH INTERVALS INC. CLEANING & INSPECTION OF LUMINAIRE.
- * VEGETATION TO BE KEPT CLEAR OF LUMINAIRES.
- * INSPECTION PATROLS & SPOT LAMP REPLACEMENT TO MAINTAIN SERVICE AVAILABILITY AT MIN. 95%.
- * LUMINAIRES & LAMPS TO BE REPLACED WITH EXACT EQUIVALENTS.
- * LUX PLOT SHOWN TO EXISTING LUMINAIRES OUTSIDE LIMIT OF RECOMMENDATION THAT MAY NOT COMPLY TO AS1188.3:2020. REFER SHEET 5.

STREET NAME: CHRISTENSEN RD, CHRISTENSEN RD STH
LIGHTING CATEGORY: PMS
K. Bovens
DATE: 20.02.25

ISSUE FOR COUNCIL ACCEPTANCE ONLY
NOT FOR CONSTRUCTION

This drawing is to be considered preliminary until this disclaimer is removed by Peter Eustace Pty. Ltd.

PMT LV SWBD - SWITCH FUSE CIRCUITS					
LOCATION: CHRISTENSEN RD STH			STATION: SC714279		
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION	
1	80 x 35	WB	6	EXISTING	
2	80 x 35	WB	5	EXISTING	
3	80 x 35	WB	5	EXISTING	
4	80 x 35	WB	5	TO CHRISTENSEN RD STH LP12738681 (RHS) / CHRISTENSEN RD STH U74281 & SERVICES	

MATERIAL: GRAVOPLY II (1.5mm) or similar

LV POLE TERMINATION LABEL		
LABEL SIZE	SITE LOCATION FOR ATTACHING OF LABEL	LABEL INFORMATION
300x100	POLE No: P12647290 LOCATION: CHRISTENSEN RD STH	LV CABLE TO CHRISTENSEN RD STH LP12738681 (LHS) / CHRISTENSEN RD STH U74281 & SERVICES

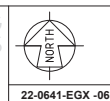
MATERIAL: GRAVOPLY II (1.5mm) or similar

NEW STREET LINK PILLAR		
LOCATION: CHRISTENSEN RD STH		
CIRCUIT No.	LABEL SIZE	LABEL COLOUR
1 (LHS)	160x50	WB
2 (RHS)	160x50	WB

MATERIAL: GRAVOPLY II (1.5mm) or similar

DATE	18.11.24	17.12.24	20.02.25
DESCRIPTION	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW
A	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW
B	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW
C	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW	ISSUED FOR COUNCIL REVIEW

PE CONSULTING ENGINEERS
12/14, 39 Jamburra Dr, Naremburn QLD 4211
PO Box 2611, Naremburn QLD 4211
TEL: 07 5596 1422
WWW.PECONSULTINGENGINEERS.COM.AU



22-0641-EGX -06

SITE CONTACT DETAILS		COUNCIL STANDARD ALIGNMENTS		WORKS COORDINATOR		PECE	
NAME	Energex QLD	0.2m Fwd	PARENT PROJECT NO.	304, 903 'DRAINAGE RESERVE'	CHECKED	KRIS BOVENIS	
YBC COMPANY	NBN	0.2m RP	WORK REQUEST NO.		DESIGNER	LUKE ASABE	
PHONE	HP GAS	REFER GAS	CANCELLING LOTS	BAL LOT 606 SP19171	PLANNER	KRIS BOVENIS	
MOBILE	WATER	REFER CIVIL	LOCAL AUTHORITY	GOLD COAST CITY COUNCIL	PHONE	(07) 5596 1425	
FAX	SEWERAGE	REFER CIVIL	UBD REF		ISSUE DATE	20 FEBRUARY 2025	
	OTHER	REFER CIVIL	PECE/EDT				

APPROVED		PECE		WORKPLAN VERSION 5.5	
KRIS BOVENIS		INSTALL CONDUIT, LV CABLE, STREETLIGHT, & OH WORKS		PROJECT / SUB PROJECT NO.	
		VANTAGE YATALA STAGE 3 EXTERNAL WORKS CHRISTENSEN RD & CHRISTENSEN RD SOUTH STAPYLTON, QLD, 4207		S1302115	
				Sheet	6 of 7
				ISSUE NO.	C

