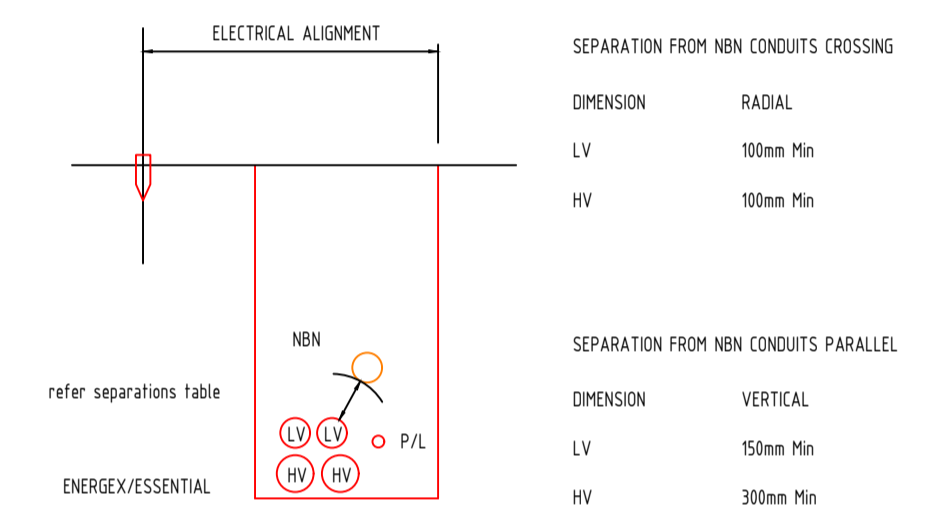




NBN SYMBOL LEGEND

- Transformer / Kiosk / Pad Mount
Sub-station / Pole Mount Transformer
- PIT-ID 5 Network Boundary/Local Network Pit (Single Lid) (700mmX450mmX650mm)
- PIT-ID 8 Distribution/Local Network Connection Pit (1360mmX555mmX860mm)
- PIT-ID 9 Fibre Distribution Hub (FDH) Pit (2000mmX555mmX900mm)
- Shared Trench Symbol
- Energen Pillar

TRENCH SECTION



SDU Development Information

Development Name:
Hayfield Stage 8
Developer Company:
Ripley Projects Pty Ltd
Development Address:
TRIGONA DRIVE, RIPLEY 4306
Authorised Rep:
PETER EUSTACE CONSULTING ENGINEERS
Phone: 07 5596 1425
E-Mail: urd@pece.com.au
nbn Reference Number: STG-M000092818
Stage Number: 8
Design Revision: C

BILL OF MATERIAL

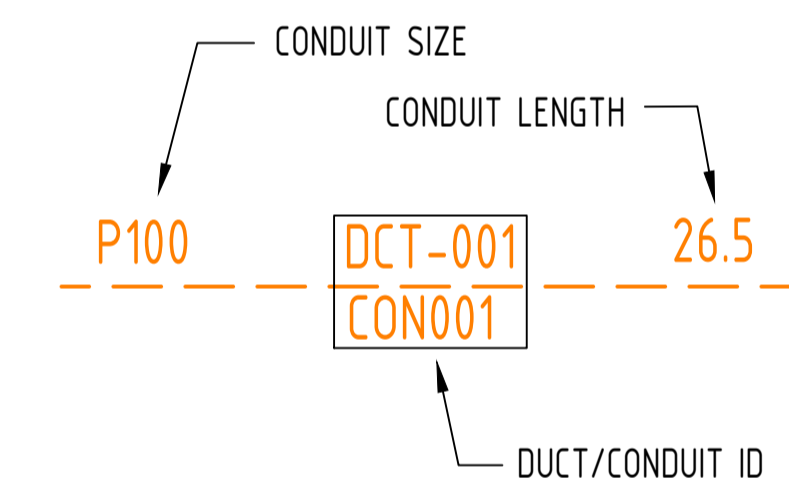
NO OF LOTS: 51

PITS		DUCTS	
SIZE	QTY	SIZE	QTY
2	5	P100	15
5	14	P50	8
6	0	P20	51
8	2		
9	0		

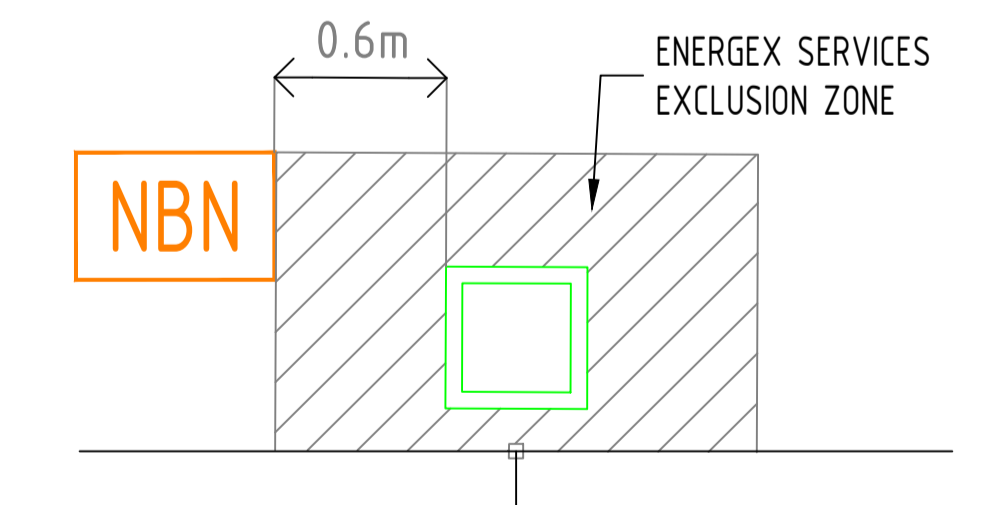
TOTAL NUMBER OF PITS: 21
TOTAL NUMBER OF MANHOLES: 0
TOTAL NUMBER OF CONDUITS: 74
TOTAL LENGTH OF CONDUITS: 1293.4

CONSTRUCTION ISSUE

CONDUIT CONFIGURATION



STANDARD NBN PIT OFFSET TO ENERGEX PILLAR



WHERE PITS ARE NOT LOCATED BESIDE PILLARS, OFFSETS WILL BE SHOWN ON THE LAYOUT TO THE NEAREST TRUNCATION. IF NO OFFSET DISTANCE IS SHOWN, PLEASE CONTACT DESIGN CONSULTANT PRIOR TO INSTALLATION.



REV	DATE	DRAFTER	DESCRIPTION	APPROVED
C	10.01.23	JG	ISSUE FOR CONSTRUCTION	
B	04.08.22	JG	REVISED ISSUED FOR NBN APPROVAL	
A	24.03.22	AP	ISSUED FOR NBN APPROVAL	DP

STRICTLY CONFIDENTIAL

NBNC APPROVAL RECORD:

SIGNATURE	DATE
<input type="checkbox"/> DD	_____
<input type="checkbox"/> WD	_____
<input type="checkbox"/> AB	_____

QUALITY RECORD:

NBNC DISCLAIMER
THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR THE USE OF NBNC LIMITED (ABN 86 136 533 741) FOR USE IN MAINTAINING NBNC FACILITIES. IT HAS NOT BEEN CREATED FOR ANY OTHER USE. IT SHOULD NOT BE SCALED TO LOCATE NBNC ASSETS. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE.

PE CONSULTING ENGINEERS
STREET ADDRESS: U14, 39 Lawrence Dr, Nanning QLD 4211
POSTAL ADDRESS: PO Box 2853, Nanning DC QLD 4211
TELEPHONE: (07) 5596 1425
EMAIL: urd@pece.com.au
WEB: www.pece.com.au

KEY PLAN

DRAWING TITLE:
STG-M000092818
PIT & PIPE LAYOUT
51 LOT RESIDENTIAL SUBDIVISION
TRIGONA DRIVE, RIPLEY 4306

ENABLED:

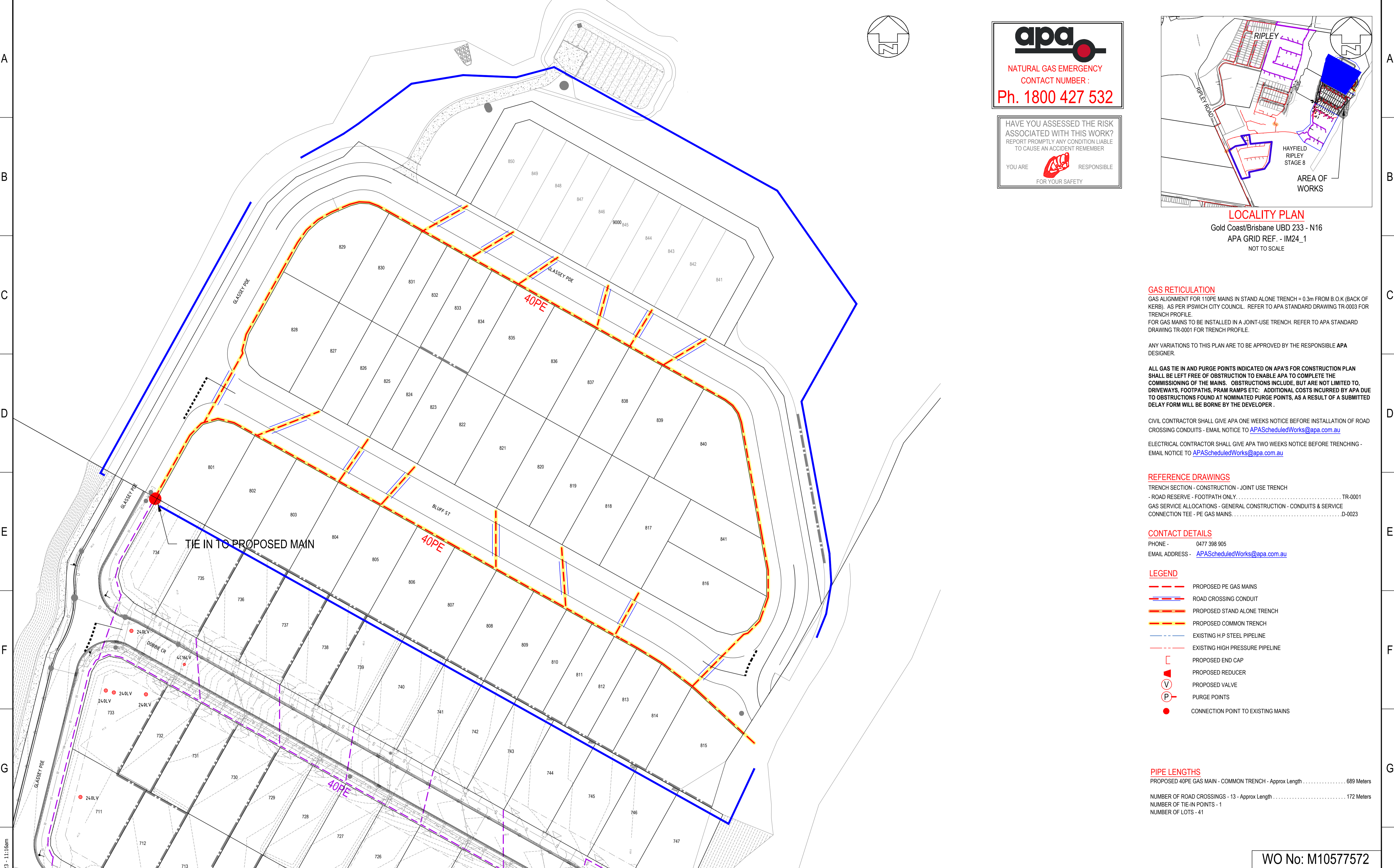
STATE: QLD REGION: RIPLEY

FSA: SAM: ADA:

PROJECT No: STG-M000092818

CADREF No:

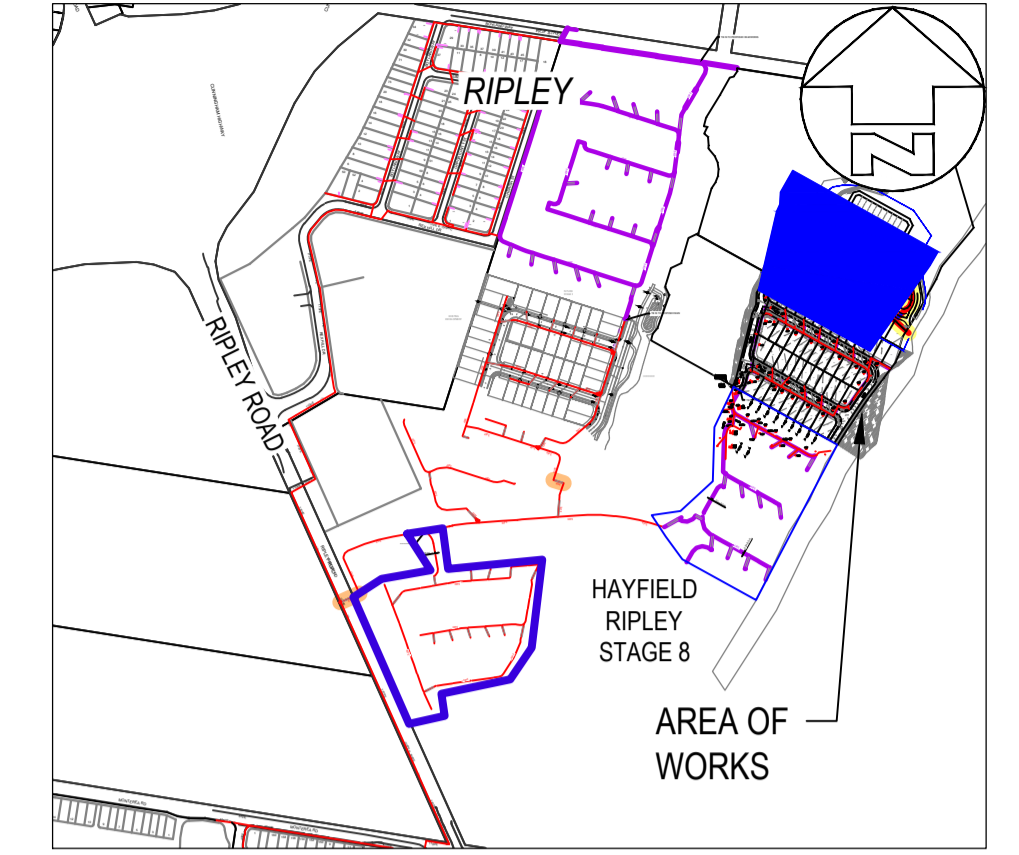
SCALE: 1:500@A1 SHEET No. 1 OF 1 REV. C



apa
 NATURAL GAS EMERGENCY
 CONTACT NUMBER :
Ph. 1800 427 532

HAVE YOU ASSESSED THE RISK ASSOCIATED WITH THIS WORK? REPORT PROMPTLY ANY CONDITION LIABLE TO CAUSE AN ACCIDENT REMEMBER

YOU ARE RESPONSIBLE FOR YOUR SAFETY



LOCALITY PLAN
 Gold Coast/Brisbane UBD 233 - N16
 APA GRID REF. - IM24_1
 NOT TO SCALE

GAS RETICULATION
 GAS ALIGNMENT FOR 110PE MAINS IN STAND ALONE TRENCH = 0.3m FROM B.O.K (BACK OF KERB). AS PER IPSWICH CITY COUNCIL. REFER TO APA STANDARD DRAWING TR-0003 FOR TRENCH PROFILE.
 FOR GAS MAINS TO BE INSTALLED IN A JOINT-USE TRENCH. REFER TO APA STANDARD DRAWING TR-0001 FOR TRENCH PROFILE.

ANY VARIATIONS TO THIS PLAN ARE TO BE APPROVED BY THE RESPONSIBLE APA DESIGNER.

ALL GAS TIE IN AND PURGE POINTS INDICATED ON APA'S FOR CONSTRUCTION PLAN SHALL BE LEFT FREE OF OBSTRUCTION TO ENABLE APA TO COMPLETE THE COMMISSIONING OF THE MAINS. OBSTRUCTIONS INCLUDE, BUT ARE NOT LIMITED TO, DRIVEWAYS, FOOTPATHS, PRAM RAMPS ETC. ADDITIONAL COSTS INCURRED BY APA DUE TO OBSTRUCTIONS FOUND AT NOMINATED PURGE POINTS, AS A RESULT OF A SUBMITTED DELAY FORM WILL BE BORNE BY THE DEVELOPER.

CIVIL CONTRACTOR SHALL GIVE APA ONE WEEKS NOTICE BEFORE INSTALLATION OF ROAD CROSSING CONDUITS - EMAIL NOTICE TO APAScheduledWorks@apa.com.au

ELECTRICAL CONTRACTOR SHALL GIVE APA TWO WEEKS NOTICE BEFORE TRENCHING - EMAIL NOTICE TO APAScheduledWorks@apa.com.au

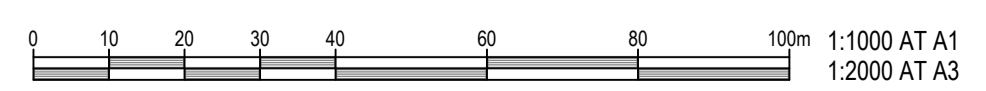
REFERENCE DRAWINGS
 TRENCH SECTION - CONSTRUCTION - JOINT USE TRENCH
 - ROAD RESERVE - FOOTPATH ONLY TR-0001
 GAS SERVICE ALLOCATIONS - GENERAL CONSTRUCTION - CONDUITS & SERVICE CONNECTION TEE - PE GAS MAINS D-0023

CONTACT DETAILS
 PHONE - 0477 398 905
 EMAIL ADDRESS - APAScheduledWorks@apa.com.au

- LEGEND**
- PROPOSED PE GAS MAINS
 - ROAD CROSSING CONDUIT
 - PROPOSED STAND ALONE TRENCH
 - PROPOSED COMMON TRENCH
 - EXISTING H.P STEEL PIPELINE
 - EXISTING HIGH PRESSURE PIPELINE
 - PROPOSED END CAP
 - PROPOSED REDUCER
 - PROPOSED VALVE
 - PURGE POINTS
 - CONNECTION POINT TO EXISTING MAINS

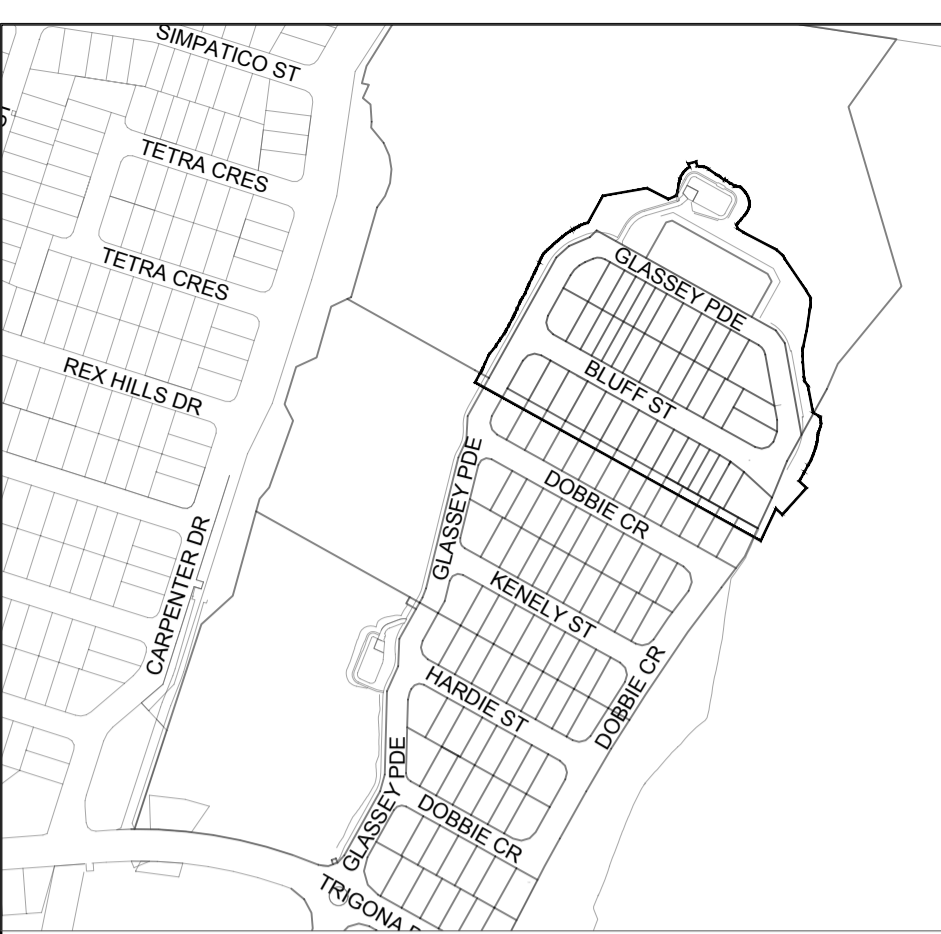
PIPE LENGTHS
 PROPOSED 40PE GAS MAIN - COMMON TRENCH - Approx Length 689 Meters
 NUMBER OF ROAD CROSSINGS - 13 - Approx Length 172 Meters
 NUMBER OF TIE-IN POINTS - 1
 NUMBER OF LOTS - 41

DATE PLOTTED: 30 January, 2023 - 11:11:0am



WO No: M10577572

				Australian Gas Networks apa				PROPOSED INTERNAL RETICULATION				
		NAME	DATE	CONSTRUCTION ISSUE HAYFIELD RIPLEY - STAGE 8 75 TRIGONA DRIVE, RIPLEY								
1		M CHUA	15/03/22									
0		S HART	17/03/22									
REV		DESCRIPTION	DATE	DRW	CHK	APP	PROJ No	MAXIMO No	SCALE	DRG No	SHT	REV
1		AMENDED BASE - RE-ISSUED FOR CONSTRUCTION	27/01/23	MC	SH	SH	10489 410.03	674382-17	1:1000 @ A1	E67438217-08	1 of 1	1
0		ISSUE FOR CONSTRUCTION	15/03/22	MC	SH	APC						
		THIS DRAWING AND THE INFORMATION AND DETAILS CONTAINED IN IT ARE CONFIDENTIAL AND ARE THE PROPERTY OF APA GROUP. ANY USE MUST BE AUTHORIZED BY APA GROUP. THIS PLAN INDICATES PROPOSED ALIGNMENT AND DETAILS FOR CONSTRUCTION PURPOSES. EXISTING PIPEWORK SHOWN IS INDICATIVE AND GIS MAPPING MUST BE REFERRED TO.										



STREET LIGHT CERTIFICATION

ROAD LIGHTING CERTIFIED TO COMPLY WITH IPSWICH CITY COUNCIL PLANNING SCHEME POLICY 3 AND REQUIREMENTS FOR AS/NZS 1158.3:1.2020 FOR 'V' & 'P' CATEGORY FOR LUMINAIRES AND LAMPS SUPPLIED UNDER ENERGEX CONTRACT. 5. INSTALLATION TO COMPLY WITH THE REQUIREMENTS OF AS/NZS 3000:2018. THE LIGHTING DESIGN IS BASED UPON THE FOLLOWING MAINTENANCE SCHEDULE:

- * LAMP REPLACEMENT AT 88000 HOURS INTERVALS INC. CLEANING & INSPECTION OF LUMINAIRE EVERY 48 MONTHS.
- * 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. EQUIVALENTS.

STREET NAME
GLASSEY PDE, BLUFF ST

PATHWAY
KRIS BOVEINIS (RPEQ 22272)

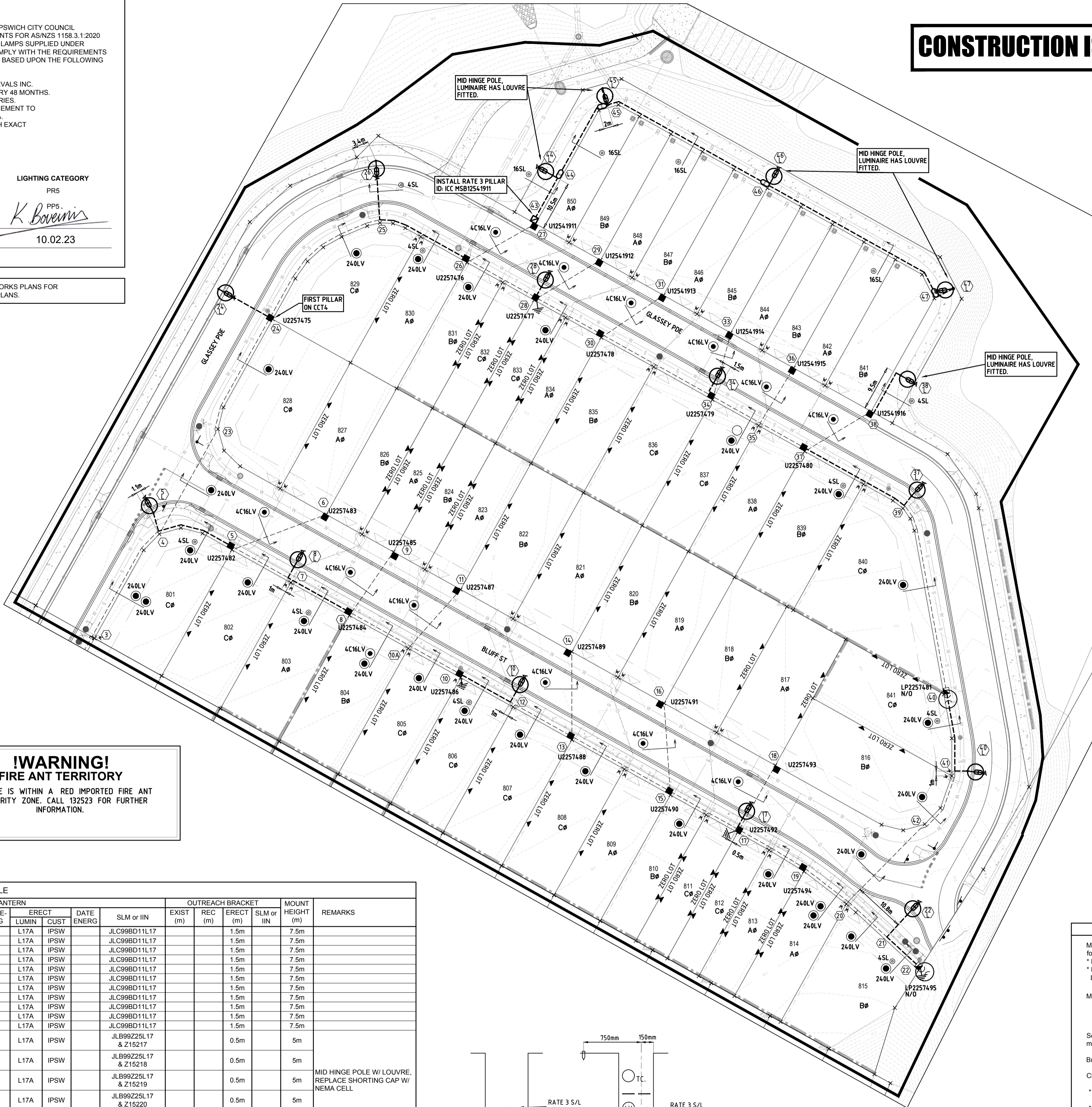
LIGHTING CATEGORY
PR5

PP5
K. Boveinis

DATE
10.02.23

REFER TO PROJECT 1301919 WORKS PLANS FOR ENERGEX WORKS PLANS.

CONSTRUCTION ISSUE



**!WARNING!
FIRE ANT TERRITORY**

THIS SITE IS WITHIN A RED IMPORTED FIRE ANT BIOSECURITY ZONE. CALL 132523 FOR FURTHER INFORMATION.

- SYMBOL LEGEND**
- PROPOSED 40mm S/L
 - PROPOSED ENERGEX 100mm COMMS
 - PROPOSED 100mm
 - ⊗ PROPOSED 125mm
 - EXISTING 40mm S/L
 - EXISTING ENERGEX 100mm COMMS
 - EXISTING 100mm
 - ⊗ EXISTING 125mm
 - PROPOSED CABLE (AS MARKED)
 - EXISTING CABLE (AS MARKED)
 - PROPOSED UNDERGROUND HV/LV ROUTE
 - EXISTING UNDERGROUND HV/LV ROUTE
 - PROPOSED OVERHEAD HV/LV ROUTE
 - EXISTING OVERHEAD HV/LV ROUTE
 - PROPOSED S/L CABLE
 - EXISTING S/L CABLE
 - Ⓞ PADMOUNT TRANSFORMER
 - Ⓞ PMT LV GEOGRAPHIC
 - Ⓞ PMT HV GEOGRAPHIC
 - Ⓞ RING MAIN UNIT
 - Ⓞ RMU HV SCHEMATIC
 - Ⓞ PROPOSED SUPPLY PILLAR
 - Ⓞ EXISTING SUPPLY PILLAR
 - Ⓞ PROPOSED LINK PILLAR
 - Ⓞ EXISTING LINK PILLAR
 - Ⓞ COMMERCIAL PILLAR
 - Ⓞ EARTH
 - Ⓞ PROPOSED TYPE 4 PIT
 - Ⓞ EXISTING TYPE 4 PIT
 - Ⓞ RECOVER EQUIPMENT
 - Ⓞ 11kV STRAIGHT JOINT
 - Ⓞ OVERHEAD POLE TRANSFORMER
 - OVERHEAD POLE (HV ONLY)
 - OVERHEAD POLE (LV ONLY)
 - OVERHEAD POLE (HV & LV)
 - OVERHEAD HV TERMINATION
 - OVERHEAD LV TERMINATION
 - AIR BREAK SWITCH (OPEN)
 - AIR BREAK SWITCH (CLOSED)
 - DISCONNECT LINKS (OPEN)
 - DISCONNECT LINKS (CLOSED)
 - WATER METER
 - SURVEY PEG
- STREET LIGHT SYMBOL LEGEND**
- EXISTING S/L (RATE 3)
 - PROPOSED L17A (RATE 3)

CERTIFICATE OF COMPLIANCE

DESIGN DOCUMENTATION IN ACCORDANCE WITH THE REQUIREMENTS OF COMPLIANCE OF AS/NZS 1158

- * Refer AS 1158.1:1.2005 Appendix D for information regarding V category
- * Refer AS 1158.3:1.2020 Appendix C for information regarding P category
- * Perfect.Ite 5.06 computer software used

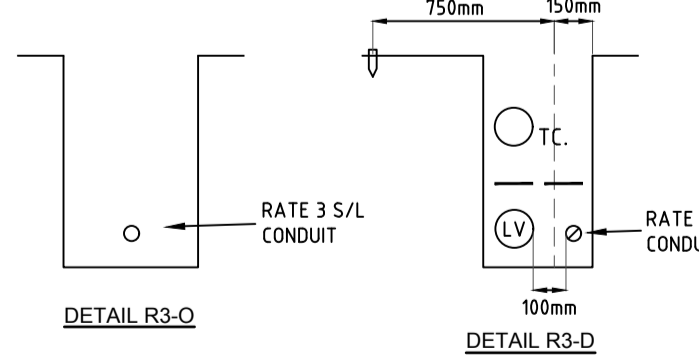
ITEM	PROJECT SPECIFICATION	
LIGHTING CATEGORY	GLASSEY PDE, BLUFF ST	PATHWAY
Road Name	GLASSEY PDE, BLUFF ST	PATHWAY
Nominated Lighting Category	PR5	PP5
Road Surface Reflection Characteristic	R3	R3
INSTALLATION GEOMETRY		
Road Reserve Lighting Design Width	16m	2.2m
Mounting Height	7.5m	5m
Overhang	1.5m	0m
Lighting Arrangement	ARR1	ARR1
Pole Setback	1.141OK	0.5m EOP
Upcast Angle	0°	0°
LUMINAIRE/LAMP 1 DETAILS		
Lamp Type / Wattage	L17A	L17A
Luminaire Identification	Gerard Lighting StreetLED MK III 17 W Aeroscreen	Gerard Lighting StreetLED MK III 17 W Aeroscreen
Lamp Flux (Lumens)	2009	2009
I-Table Number (cie)	StreetLED3 17W 4K AERO 180805PH	StreetLED3 17W 4K AERO 180805PH
Lighting Tariff	3	3
Power Factor	HPF (≥ 0.9)	HPF (≥ 0.9)
Start/Run Currents (Amps)	0.07	0.07
IP Rating	IP66	IP66
CATEGORY PR5 LUMINAIRE/LAMP 1 MAXIMUM SPACING CALCS		
Average Horizontal Illuminance (Eh)	≥0.85 lx	≥0.85 lx
Minimum Point Horizontal Illuminance (Eph)	≥0.14 lx	≥0.14 lx
Illuminance Uniformity (UE2)	≤10	≤5
Upward wasted light ratio (UWLR) %	≤0%	≤0%
Road Reserve Lighting Design Width (m)	Maximum Spacing (m)	Maximum Spacing (m)
16	69.5	69.5
2.2m Pathway		57

RATE 3 STREETLIGHT SCHEDULE

LOCATION	STN No	SITE ID (POLE No)	POLE or COMPONENTS			LANTERN				OUTREACH BRACKET				MOUNT HEIGHT (m)	REMARKS	
			COMP ID	EXIST (m)	REC (m)	ERECT (m)	SLM or IIN	ALIGN (m)	COMP ID	EXIST	RECOVER LUMIN	DATE DE ENERG	ERECT LUMIN			DATE ENERG
GLASSEY PDE	5L	W2257496	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	24L	W2257497	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	26L	W2257498	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	28L	W2257499	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	34L	W2257500	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	37L	W2257501	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
BLUFF ST	40L	W2257502	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	8L	W2257503	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	10L	W2257504	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	17L	W2257505	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
SHARE PATHWAY	22L	W2257509	PO 1		5.5BPM	SB75115CI	1.141OK	SL 1	L17A	IPSW	JLC99BD11L17		1.5m	7.5m		
	38L	W12542104	PO 1		5BPM	SB50H005CI	0.5 EOP	SL 1	L17A	IPSW	JLB99Z25L17 & Z15217		0.5m	5m		
	44L	W12542105	PO 1		5BPM	SB50H005CI	0.5 EOP	SL 1	L17A	IPSW	JLB99Z25L17 & Z15218		0.5m	5m		
	45L	W12542106	PO 1		5BPM	SB50H005CI	0.5 EOP	SL 1	L17A	IPSW	JLB99Z25L17 & Z15219		0.5m	5m	MID HINGE POLE W/ LOUVRE, REPLACE SHORTING CAP W/ NEMA CELL	
	46L	W12542107	PO 1		5BPM	SB50H005CI	0.5 EOP	SL 1	L17A	IPSW	JLB99Z25L17 & Z15220		0.5m	5m		
47L	W12542108	PO 1		5BPM	SB50H005CI	0.5 EOP	SL 1	L17A	IPSW	JLB99Z25L17 & Z15221		0.5m	5m			

* All poles will require Rate 3 Ipswich City Council streetlight pole site label "ICCS", requirements:

- Durable and clearly visible permanently fixed weatherproof label
- Green back with white writing
- Writing to be vertically aligned
- Text font size to be 25mm high
- Rate 3 label to be affixed to pole above Energex site ID label.
- *EOP - Edge of Pathway
- *IOK - Invert of Kerb



ENERGEX NON-STANDARD TRENCH DETAILS

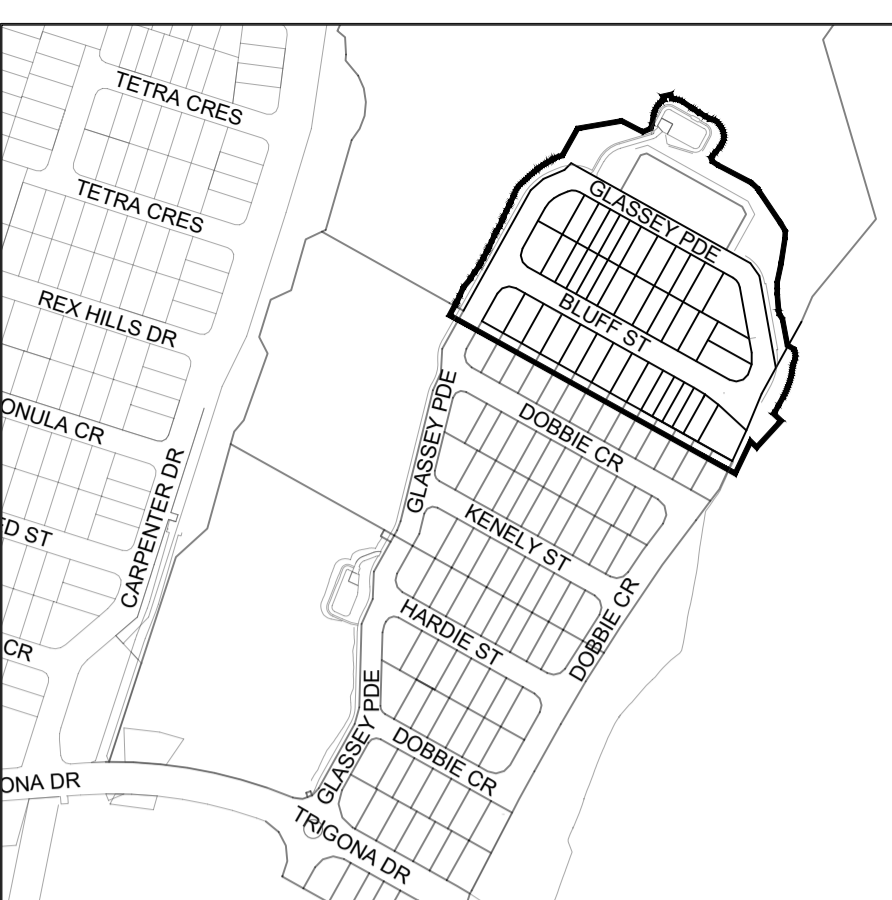
* NOTE: 100mm CLEARANCE REQ BETWEEN ENERGEX URD AND RATE 3 CONDUITS.
* RATE 3 CONDUIT SHALL BE AT 870mm FROM PROPERTY BOUNDARY IN ACCORDANCE WITH ICC RATE PUBLIC LIGHTING

MAINTENANCE REGIME

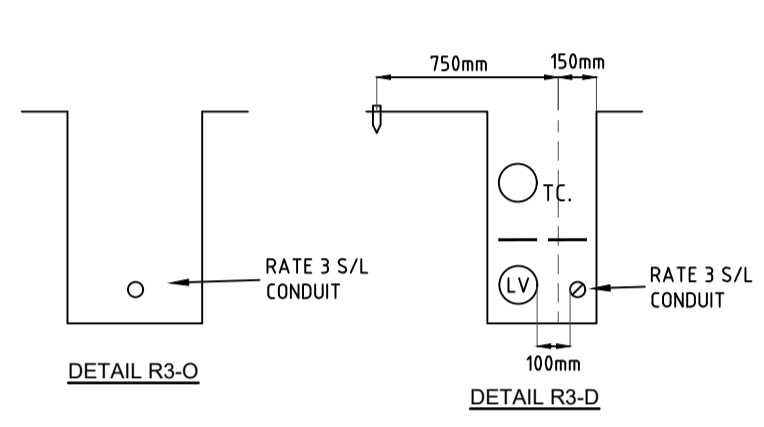
Maintenance Factor Assumed: The maintenance factor assumed in the calculations is as follows:
* Luminaire Maintenance Factor (refer AS 1158.3:1.2020).
* Lamp Lumen Depreciation Factor (Refer Lamp Manufacturer's "Lamp Lumen Depreciation Curves").

Maintenance Factor Calculated **0.8 (LED)**

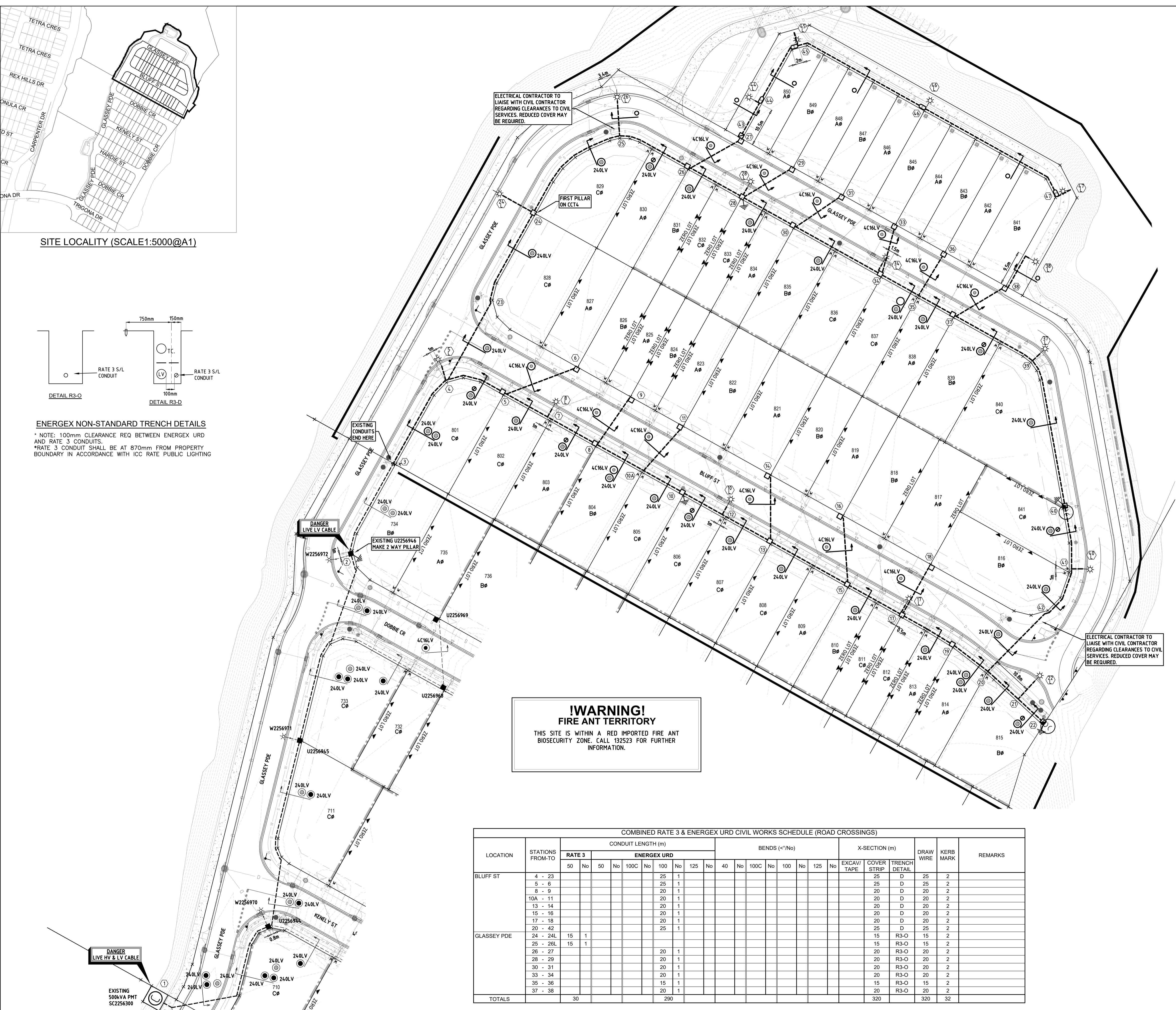
Schedule of Maintenance: This road lighting design is based on the following maintenance schedule:
Bulk lamp replacement carried out at 88000 hrs intervals.
Cleaning regime every 48 months including:
* All optical surfaces, both internal and external, of the luminaire shall be cleaned.
* All gaskets shall be checked for deterioration and replaced where necessary.
* Damaged/weathered visors shall be replaced.
* All accessible screws, nuts etc. shall be checked for tightness.
* A visual check shall be made of the electrical components and wiring for signs of overheating.
* If required, the luminaire shall be realigned/adjusted to the design specification.



SITE LOCALITY (SCALE 1:5000@A1)



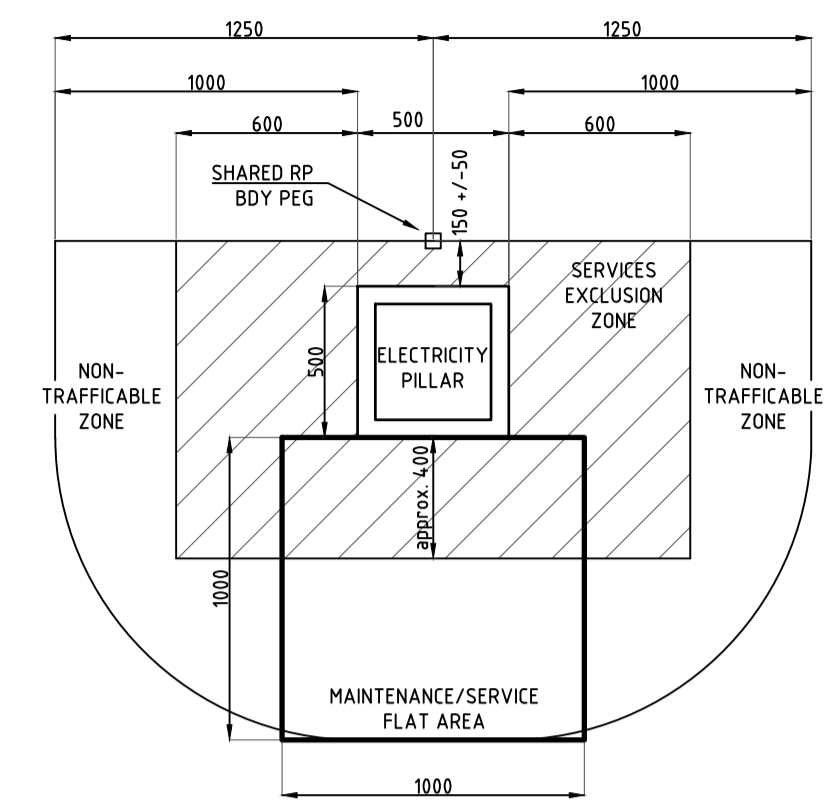
ENERGEX NON-STANDARD TRENCH DETAILS
 * NOTE: 100mm CLEARANCE REQ BETWEEN ENERGEX URD AND RATE 3 CONDUITS.
 * RATE 3 CONDUIT SHALL BE AT 870mm FROM PROPERTY BOUNDARY IN ACCORDANCE WITH ICC RATE PUBLIC LIGHTING



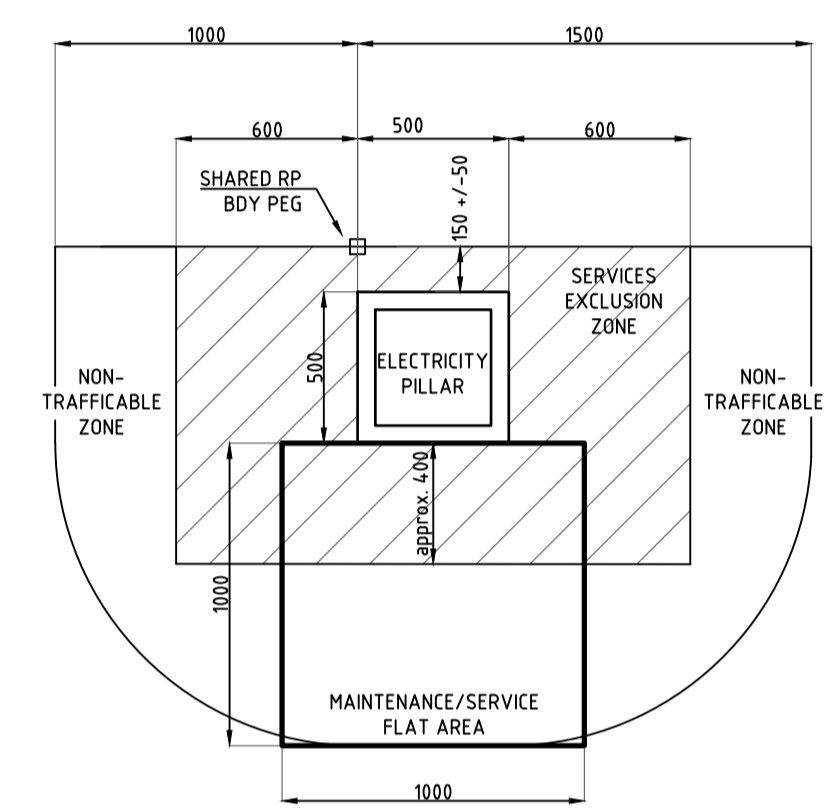
**!WARNING!
FIRE ANT TERRITORY**
 THIS SITE IS WITHIN A RED IMPORTED FIRE ANT BIOSECURITY ZONE. CALL 132523 FOR FURTHER INFORMATION.

COMBINED RATE 3 & ENERGEX URD CIVIL WORKS SCHEDULE (ROAD CROSSINGS)

LOCATION	STATIONS FROM-TO	CONDUIT LENGTH (m)												BENDS (<°No)				X-SECTION (m)			DRAW WIRE	KERB MARK	REMARKS
		RATE 3						ENERGEX URD						EXCAV/ TAPE		COVER STRIP		TRENCH DETAIL					
		50	No	50	No	100C	No	100	No	125	No	40	No	100C	No	100	No	125	No	25			
BLUFF ST	4 - 23							25	1										25	D	25	2	
	5 - 6							25	1										25	D	25	2	
	8 - 9							20	1										20	D	20	2	
	10A - 11							20	1										20	D	20	2	
	13 - 14							20	1										20	D	20	2	
	15 - 16							20	1										20	D	20	2	
	17 - 18							20	1										20	D	20	2	
	20 - 42							25	1										25	D	25	2	
	GLASSEY PDE	24 - 24L	15	1																15	R3-O	15	2
		25 - 26L	15	1																15	R3-O	15	2
26 - 27								20	1										20	R3-O	20	2	
28 - 29								20	1										20	R3-O	20	2	
30 - 31								20	1										20	R3-O	20	2	
33 - 34								20	1										20	R3-O	20	2	
35 - 36								15	1										15	R3-O	15	2	
37 - 38								20	1										20	R3-O	20	2	
TOTALS			30					290										320		320	32		



PILLAR CENTRED ON SHARED RP BDY



PILLAR OFFSET TO ONE SIDE OF SHARED RP BDY

- NOTES
- PILLARS MAY BE SET CENTRED ON BDY PEG OR OFFSET TO ONE SIDE AS SHOWN.
 - PILLARS TO BE OFFSET 150 (+/-50) FROM RP BDY.
 - SERVICES EXCLUSION ZONE IS FOR ABOVE GROUND SERVICES ONLY. (PITS, MANHOLES ETC). UNDERGROUND PIPES MAY PASS THROUGH THIS AREA AS LONG AS THEY DO NOT COMPLECT WITH ELECTRICITY ASSETS.
 - IF ROADS/DRIVEWAYS ARE WITHIN 1000 OF PILLAR 2 X PROTECTION BOLLARDS WILL BE REQUIRED.
 - FLAT AREA IN FRONT OF PILLAR TO BE MAINTAINED FOR ACCESS AND MAINTENANCE.

SYMBOL LEGEND

○	PROPOSED 40mm S/L
⊙	PROPOSED ENERGEX 100mm COMMS
⊗	PROPOSED 100mm
⊗	PROPOSED 125mm
○	EXISTING 40mm S/L
⊙	EXISTING ENERGEX 100mm COMMS
⊗	EXISTING 100mm
⊗	EXISTING 125mm
●	PROPOSED CABLE (AS MARKED)
●	EXISTING CABLE (AS MARKED)
---	PROPOSED UNDERGROUND HV/LV ROUTE
---	EXISTING UNDERGROUND HV/LV ROUTE
---	PROPOSED OVERHEAD HV/LV ROUTE
---	EXISTING OVERHEAD HV/LV ROUTE
---	PROPOSED S/L CABLE
---	EXISTING S/L CABLE
⊙	PADMOUNT TRANSFORMER
⊙	PMT LV GEOGRAPHIC
⊙	PMT HV GEOGRAPHIC
⊙	RING MAIN UNIT
⊙	RMU HV SCHEMATIC
⊙	PROPOSED SUPPLY PILLAR
⊙	EXISTING SUPPLY PILLAR
⊙	PROPOSED LINK PILLAR
⊙	EXISTING LINK PILLAR
⊙	COMMERCIAL PILLAR
⊙	EARTH
⊙	PROPOSED TYPE 4 PIT
⊙	EXISTING TYPE 4 PIT
⊙	RECOVER EQUIPMENT
⊙	11kV STRAIGHT JOINT
⊙	OVERHEAD POLE TRANSFORMER
⊙	OVERHEAD POLE (HV ONLY)
⊙	OVERHEAD POLE (LV ONLY)
⊙	OVERHEAD POLE (HV & LV)
⊙	OVERHEAD HV TERMINATION
⊙	OVERHEAD LV TERMINATION
⊙	AIR BREAK SWITCH (OPEN)
⊙	AIR BREAK SWITCH (CLOSED)
⊙	DISCONNECT LINKS (OPEN)
⊙	DISCONNECT LINKS (CLOSED)
⊙	WATER METER
⊙	SURVEY PEG

STREET LIGHT SYMBOL LEGEND

⊙	EXISTING S/L (RATE 3)
⊙	PROPOSED S/L (RATE 3)

CONSTRUCTION ISSUE

ELECTRICAL 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.

KRIS BOVEINIS (RPEQ 22272) *K. Boveinis*
 DATE 10.02.23

REFER TO PROJECT S1301660 WORKS PLANS FOR RATE 3 LIGHTING WORKS PLANS.

DATE	06.08.22	06.02.23	10.01.23
DESCRIPTION	ISSUED FOR ENERGEX & COUNCIL ACCEPTANCE OF CONSTRUCTION	REVISED FOR CONSTRUCTION	REVISED ISSUED FOR CONSTRUCTION

PE CONSULTING ENGINEERS

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21-0344- 01

SITE CONTACT DETAILS	COUNCIL STANDARD ALIGNMENTS	WORKS COORDINATOR	PETER EUSTACE & ASSOCIATES
NAME: Energex OH	2.95m RP	PARENT PROJECT NO.	APPROVED: KRIS BOVEINIS
TBC	0-0.9m RP	WORK REQUEST NO.	CHECKED: DAVID PRUSS
COMPANY: NBN	REFER NBN	LOTS: 801 - 850	DESIGNER: JUAN GONZALEZ
PHONE: -	REFER GAS	CANCELLING LOTS: PART 801 / SP317868	PLANNER: AARON PRUSS
MOBILE: -	REFER CIVIL	LOCAL AUTHORITY: IPSWICH CITY COUNCIL	PHONE: (07) 5596 1425
FAX: -	REFER CIVIL	UBD REF: PEGGED?	ISSUE DATE: 10 FEBRUARY 2023

APPROVED	KRIS BOVEINIS
CHECKED	DAVID PRUSS
DESIGNER	JUAN GONZALEZ
PLANNER	AARON PRUSS
PHONE	(07) 5596 1425
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ISSUE DATE	10 FEBRUARY 2023

Peter Eustace & Associates

INSTALL LV CABLE, CONDUITS & PILLARS & STREET LIGHTS

51 LOT SUBDIVISION
 HAYFIELD RIPLEY STAGE 8
 TRIGONA DRIVE, RIPLEY QLD 4306

WORKSPLAN VERSION 5.5
 SCALE: 1:500@A1
 PROJECT / SUB PROJECT NO.
S1301919

Sheet 1 of 2
 ISSUE NO: c

