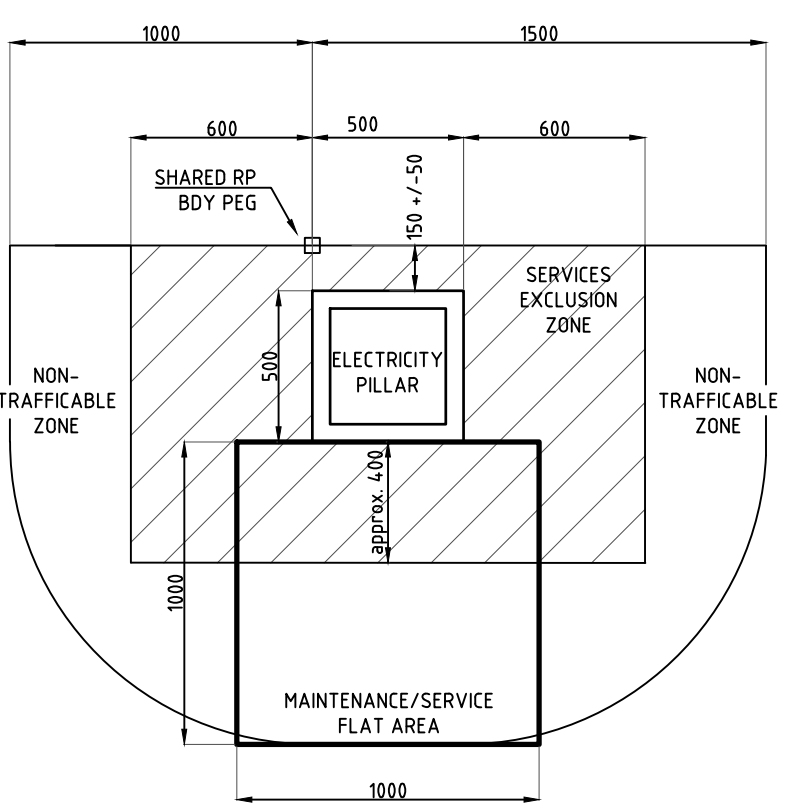
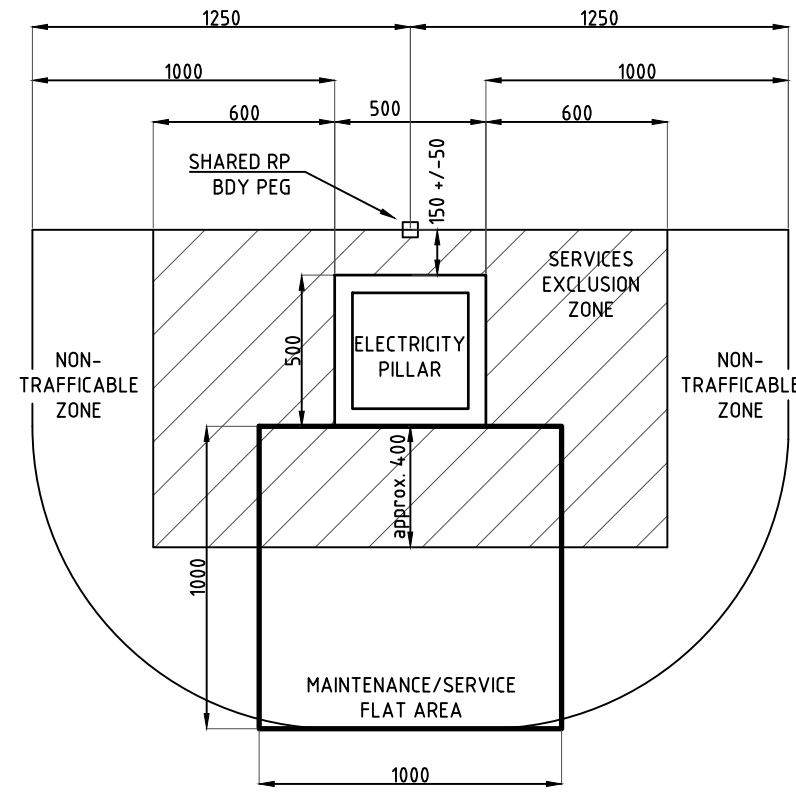
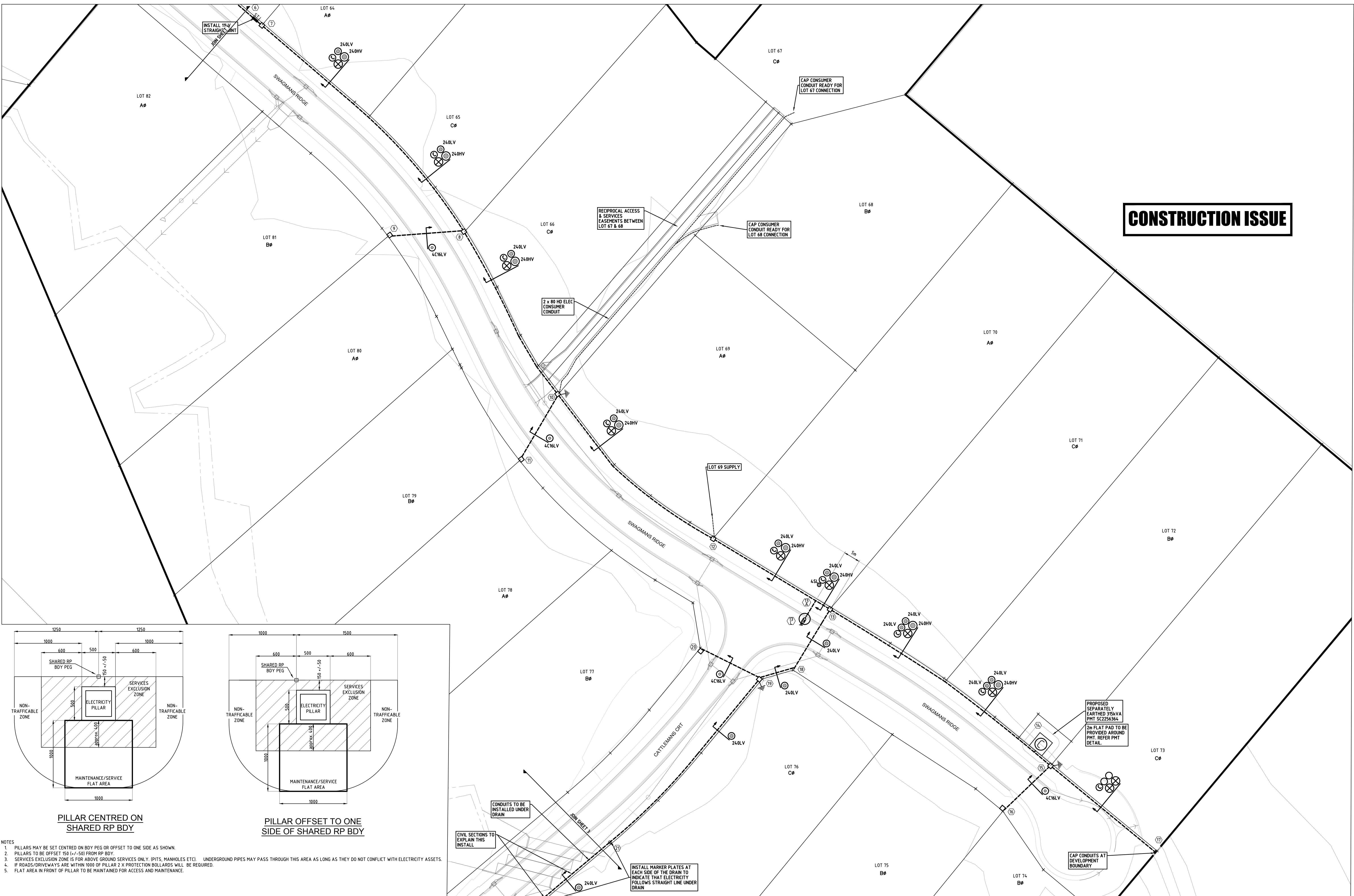


CONSTRUCTION ISSUE



- 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 CONFLICT 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.

DATE	DESCRIPTION
21.09.21	ISSUED FOR ENERGEX & COUNCIL ACCEPTANCE
21.10.21	REVISED FOR CONSTRUCTION

PE CONSULTING ENGINEERS

STREET ADDRESS: U14, 39 Lawrence Dr, Nerang QLD 4211
 POSTAL ADDRESS: PO Box 2813, Nerang DC QLD 4211
 TELEPHONE: (07) 5596 1425
 EMAIL: mail@pece.com.au
 WEB: peterpece.com.au

21-0258-02

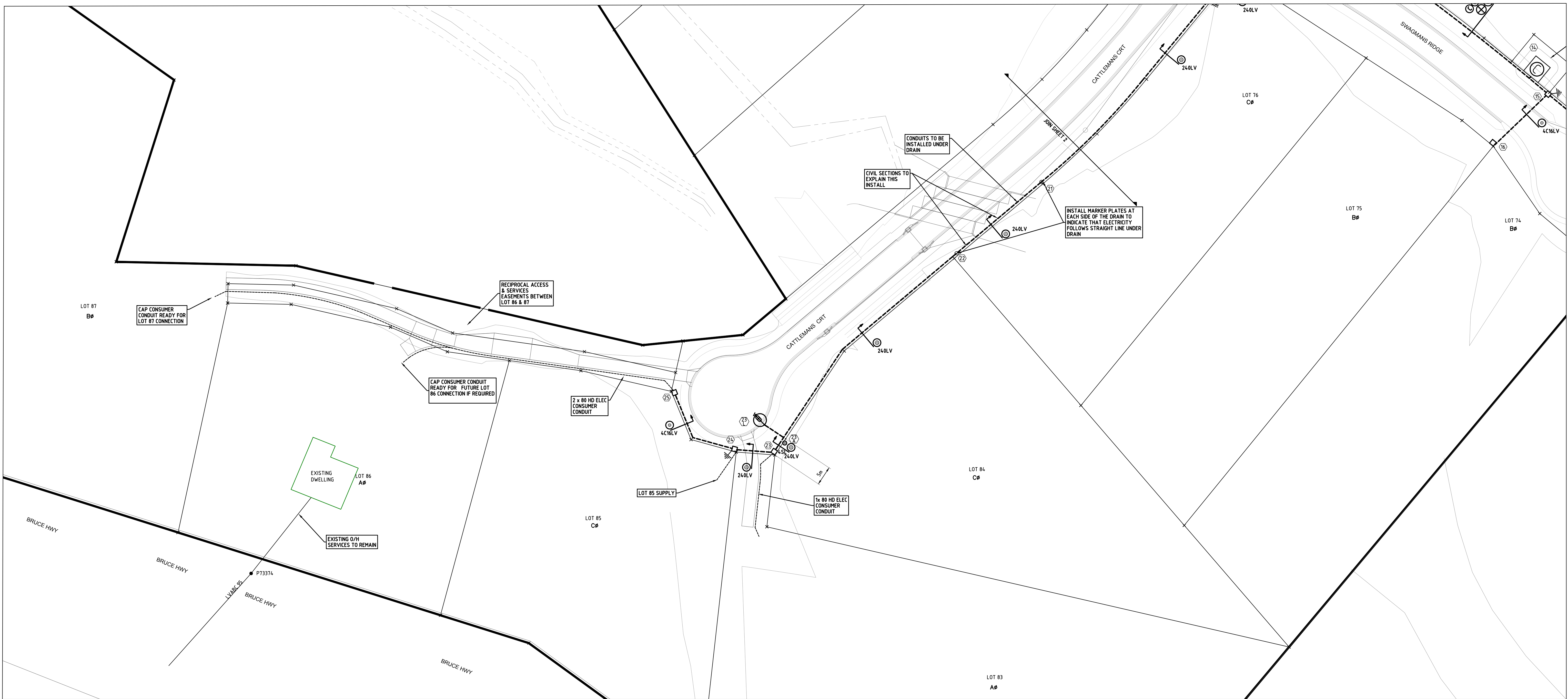
SITE CONTACT DETAILS		COUNCIL STANDARD ALIGNMENTS		WORKS COORDINATOR		PETER EUSTACE & ASSOCIATES		APPROVED	
NAME	Energex OH	3.0m RP	Energex UG	0.3-0.9m RP	PARENT PROJECT NO.			APPROVED	KRIS BOVEINIS
TBC					WORK REQUEST NO.			CHECKED	DAVID PRUSS
COMPANY	NBN	REFER NBN						DESIGNER	ABRAHAM IKORO
	GAS	REFER GAS			LOTS	LOT 63-87		PHONE	(07) 5596 1425
PHONE	HP GAS	REFER GAS						PLANNER	DAVID VAN GENT
MOBILE	WATER	REFER CIVIL			CANCELLING LOTS	LOT 78-SP300760		PHONE	(07) 5596 1425
FAX	STORMWATER	REFER CIVIL			LOCAL AUTHORITY	GYMPIE REGIONAL COUNCIL		ISSUE DATE	21 OCTOBER 2021
	SEWERAGE	REFER CIVIL			UBD REF				
	OTHER	REFER CIVIL			PEGGED?	YES			

Peter Eustace & Associates

INSTALL NEW LV CONDUITS, CABLES, PILLARS & STREET LIGHTS

25 LOT SUBDIVISION CHATSWORTH STAGE 4 OVERLANDER AVE CHATSWORTH

WORKSPLAN VERSION 5.5
 SCALE: 1:500@A1
 PROJECT / SUB PROJECT NO.
S1301577
 Sheet 2 of 4
 ISSUE NO: B

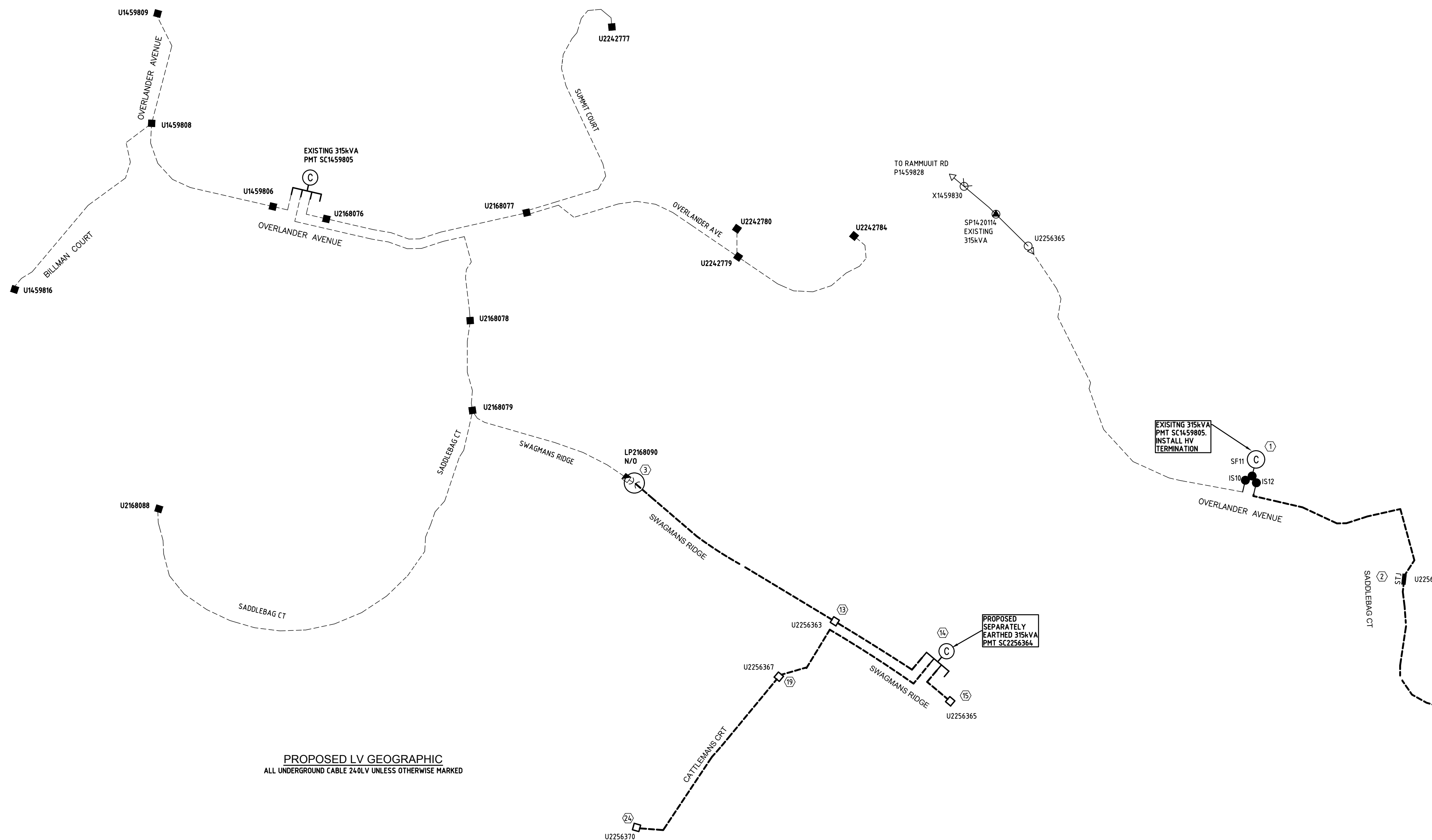


EQUIPMENT SCHEDULE													
LOCATION	STN No	SITE I.D.	EXIST	REC	INSTALL	SIZE & DESCRIPTION	IIN	COMP ID	PLANT No.	MODEL ID	QTY	LCC	REMARKS
OVERLANDER AV	1	SC1459805	*		*	EXISTING 315kVA PMT		EX		EX	1		
SADDLEBAG CT	2	U2256404	*		*	11KV TERMINATION		SJ1		1CF0924X	1		
SWAGMANS RIDGE	3	LP2168090	*		*	LINK PILLAR (240-240 6F)		LP1		EX	EX		
			*		*	240 LUG SET				LVSP1240	1		
			*		*	EARTH				EX	EX		
	5	U2256355	*		*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		
	6	U2256356	*		*	11KV STRAIGHT JOINT [240-240]		SJ1		11ST24/24X	1		
	7	U2256357	*		*	SUPPLY PILLAR (240-240-16 6F)		PI1		LVSP4-6	1		
	8	U2256358	*		*	SUPPLY PILLAR (240-240-16 6F)		PI1		LVSP4-6	1		
	9	U2256359	*		*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		
	10	U2256360	*		*	SUPPLY PILLAR (240-240-16 6F)		PI1		LVSP4-6	1		
			*		*	EARTH				ASSY1011-2	1		
	11	U2256361	*		*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		
	12	U2256362	*		*	SUPPLY PILLAR (240-240 6F)		PI1		LVSP4-6	1		
	13	U2256363	*		*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6S	1		
	14	SC2256364	*		*	315kVA PADMOUNT TRANSFORMER		TR1		S25117	1		
			*		*	CULVERT & BASE				C & B	1		
			*		*	PMT INSTALLATION				PMTINSTALL	1		
			*		*	PMT COMMISSION				PMTCOM	1		
			*		*	HV FUSES				DSHF3SLK	1		
			*		*	LV FUSES				DSLVF31	3		
			*		*	HV TERMINATIONS				2DBSTA24D	1		
			*		*	LV TERMINATIONS				LTA24D	3		
			*		*	SEPARATE EARTHING				DSMSEGS	1		
	15	U2256365	*		*	SUPPLY PILLAR (240-16 6F)		PI1		LVSP2-6	1		
			*		*	EARTH				ASSY1011-2	1		
	16	U2256366	*		*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		
	19	U2256367	*		*	SUPPLY PILLAR (240-240 6F)		PI1		LVSP4-6	1		
			*		*	EARTH				ASSY1011-2	1		
	20	U2256368	*		*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		
	23	U2256369	*		*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6S	1		
	24	U2256370	*		*	SUPPLY PILLAR (240-16 6F)		PI1		LVSP2-6	1		
			*		*	EARTH				ASSY1011-2	1		
	25	U2256371	*		*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		

CONSTRUCTION ISSUE

RATE 2 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	CUST	DATE DE-ENERG			ERECT LUMIN	CUST	DATE ENERG	SLM or IIN	EXIST (m)	REC (m)
SWAGMANS RIDGE	13L	P2256372	PO 1			5.5 BPM	SB75115CI	0.8 BOK	SL 1			L50	GYMP		SLEDPH0509A			1.5		7.5	
CATTLEMANS CRT	23L	P2256374	PO 1			4.5 BPM	SLNOS1CI	0.8 BOK	SL 1			L25	GYMP		SLEDGL02501					5.1	

DATE	21.09.21	21.10.21	<p>STREET ADDRESS: U14, 39 Lawrence Dr, Nering QLD 4211 POSTAL ADDRESS: PO Box 2815, Nering DC QLD 4211 TELEPHONE: (07) 5596 1425 EMAIL: mail@pece.com.au WEB: peter@pece.com.au</p>	<p>21-0258- 03</p>	SITE CONTACT DETAILS NAME: Energex OH COMPANY: TBC PHONE: - MOBILE: - FAX: -	COUNCIL STANDARD ALIGNMENTS Energex UG: 3.0m RP Energex OH: 0.3-0.9m RP NBN: REFER NBN GAS: REFER GAS HP GAS: REFER GAS WATER: REFER CIVIL STORMWATER: REFER CIVIL SEWERAGE: REFER CIVIL OTHER: REFER CIVIL	WORKS COORDINATOR PARENT PROJECT NO. WORK REQUEST NO. LOTS CANCELLING LOTS LOCAL AUTHORITY UBD REF PEGGED?	PETER EUSTACE & ASSOCIATES APPROVED: KRIS BOVEINIS CHECKED: DAVID PRUSS DESIGNER: ABRAHAM IKORO PLANNER: DAVID VAN GENT PHONE: (07) 5596 1425 ISSUE DATE: 21 OCTOBER 2021	Peter Eustace & Associates INSTALL NEW LV CONDUITS, CABLES, PILLARS & STREET LIGHTS 25 LOT SUBDIVISION CHATSWORTH STAGE 4 OVERLANDER AVE CHATSWORTH	WORKSPLAN VERSION 5.5 SCALE: N.T.S. PROJECT / SUB PROJECT NO. S1301577 Sheet 3 of 4 ISSUE NO: B
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PROPOSED LV GEOGRAPHIC
ALL UNDERGROUND CABLE 240LV UNLESS OTHERWISE MARKED

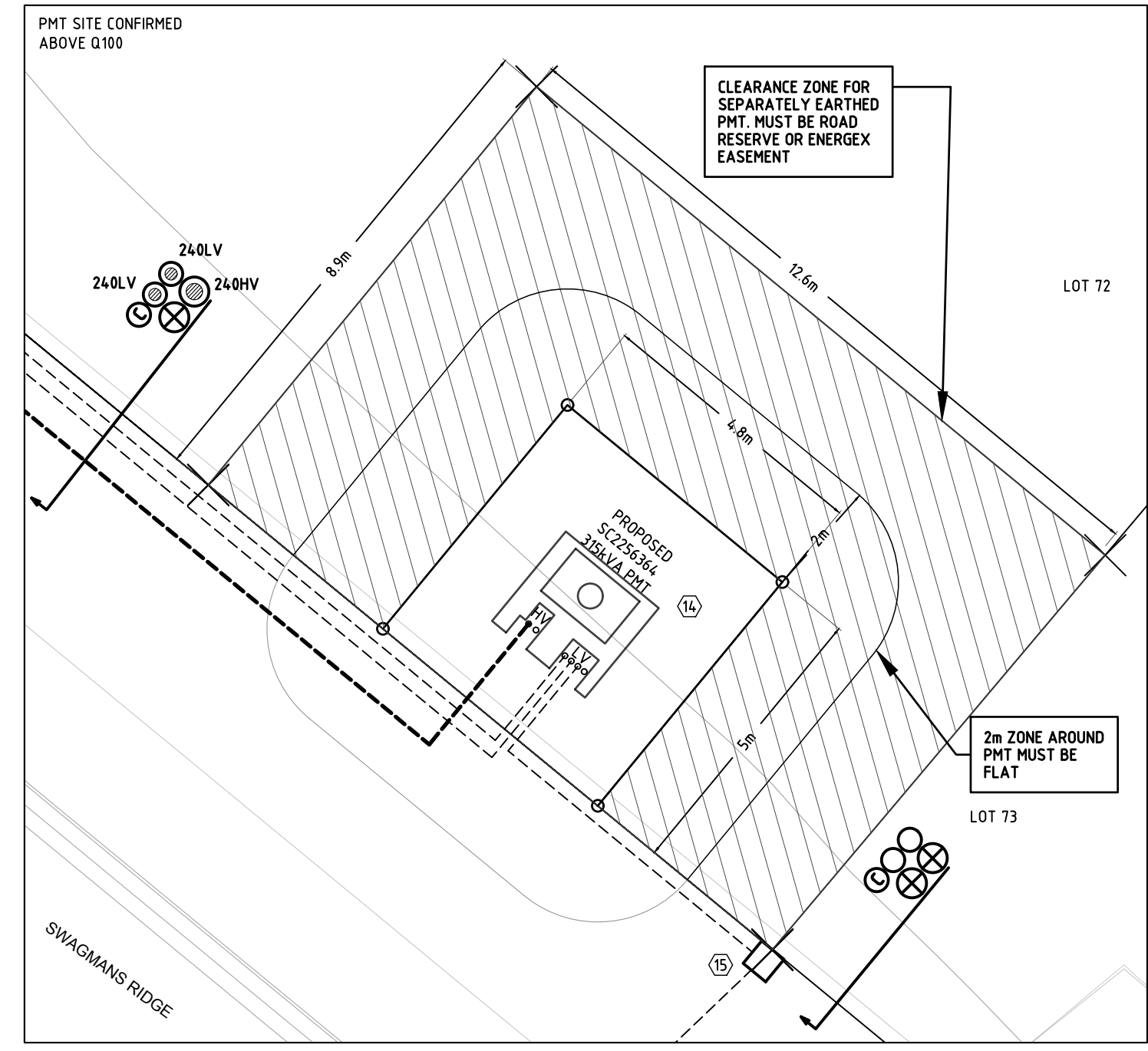
NEW STYLE LINK PILLAR					
LOCATION: SWAGMANS RIDGE			STATION: LP2168090		
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION	
1 (LHS)	150x50	WB	5	EXISTING	
2 (RHS)	150x50	WB	5	TO SWAGMANS RIDGE SC2256364 & SERVICES	

MATERIAL: GRAVOPLY II (1.5mm) or similar

PMT LV SWBD - SWITCH FUSE CIRCUITS					
LOCATION: SWAGMANS RIDGE			STATION: SC2256364		
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION	
TFMR ISOLATOR	80 x 35	WB	6	TRANSFORMER	
1	80 x 35	WB	5	TO SWAGMANS RIDGE U2256363 (DIRECT) / SWAGMANS RIDGE LP2168090 & SERVICES	
2	80 x 35	WB	5	TO CATTLEMANS CRT U2256367 (DIRECT) / CATTLEMANS CRT U2256370 & SERVICES	
3	80 x 35	WB	5	TO SWAGMANS RIDGE U2256365 (DIRECT)	
4	80 x 35	WB	5	SPARE	

MATERIAL: GRAVOPLY II (1.5mm) or similar

PROPOSED COMMISSIONING SCHEDULE			
TENTATIVE ONLY SUBJECT TO AMENDMENT BY SWITCHING CO-ORDINATOR			
ITEM No	LOCATION	APPARATUS	ACTION
1	COMMISSION NEW PMT - LV AND HV SWITCHING		
2	ADVISE CONTRACT SUPERVISOR SWITCHING TO COMMENCE		
3	RECEIVE CLEARANCE FROM WORK CREWS ALL WORK COMPLETED		
4	NOTIFY ALL WORK CREWS TREAT PILLARS AS LIVE		
5	OVERLANDER AVE SC1459805	IS12	CHECK OPEN
6	SWAGMANS RIDGE & CATTLEMANS CRT	NEW EQUIPMENT	CONNECT & MAKE READY
7	OVERLANDER AVE SC1459805	IS12	CLOSE
8	SWAGMANS RIDGE	SC2256364	COMMISSION
9	SWAGMANS RIDGE & CATTLEMANS CRT	NEW LV EQUIPMENT	COMMISSION & TEST
10	ADVISE CONTRACT SUPERVISOR SWITCHING COMPLETE		



SC2256364 TRANSFORMER DETAIL
1:100@A1

ABB SAFELINK CFC RMU							
LOCATION: OVERLANDER AVENUE			STATION: SC1459805				
LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		LABEL DESCRIPTION		
100x40	WB	15	IS10	SF11	IS12	NEAR ISOLATOR	ISOLATOR IDENTIFICATION
150x40	BW	20	EXISTING			FRONT	FEEDER IDENTIFICATION
150x50	BW	10	EXISTING	TO TRANSFORMER	TO SWAGMANS RIDGE SC2256364 IS30	CABLE BOX	CABLE DESTINATION
150x50	BW	10	EXISTING	TO TRANSFORMER	TO SWAGMANS RIDGE SC2256364 IS30	INSIDE SIDE WALL	CABLE DESTINATION

NOTES: 1) Label to be made in GRAVOPLY II (1.5mm) or similar
2) The Feeder I.D Label is only required if the RMU is the first termination outside a Zone Substation
3) Design I.D and Component I.D labels are only required if the RMU is installed in a Zone Substation

SIEMENS 8DJH RMU RRT							
LOCATION: SWAGMANS			STATION: SC2256364				
LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		LABEL DESCRIPTION		
150x40	WB	20	SC2256364			FRONT	RMU IDENTIFICATION
50x20	BLUE W	10	SC2256364			FRONT	DESIGN IDENTIFICATION
100x30	GW	8				NEAR EARTH SW	EARTH SWITCH DESCRIPTION
100x40	BW	15	IS30	IS31	SF32	NEAR ISOLATOR	ISOLATOR IDENTIFICATION
150x40	BW	20	EXISTING			FRONT	FEEDER IDENTIFICATION
150x50	BW	10	TO OVERLANDER AVENUE SC1459805 IS12	SPARE	TO TRANSFORMER	CABLE BOX	CABLE DESTINATION
150x50	BW	10	TO OVERLANDER AVENUE SC1459805 IS12	SPARE	TO TRANSFORMER	INSIDE SIDE WALL	CABLE DESTINATION

NOTES: 1) Label to be made in GRAVOPLY II (1.5mm) or similar
2) The Feeder I.D Label is only required if the RMU is the first termination outside a Zone Substation
3) Design I.D and Component I.D labels are only required if the RMU is installed in a Zone Substation

SYMBOL LEGEND	
	PROPOSED 50mm 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
	1kV 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	
	PROPOSED L25 (RATE 2)
	EXISTING L50 (RATE 2)

PROPOSED HV GEOGRAPHIC
1kV FEEDER GY13A

CONSTRUCTION ISSUE

DATE	DESCRIPTION
21.09.21	ISSUED FOR ENERGEX & COUNCIL ACCEPTANCE
21.10.21	ISSUED FOR CONSTRUCTION

PE CONSULTING ENGINEERS
STREET ADDRESS: U14, 39 Lawrence Dr, Nerang QLD 4211
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TELEPHONE: (07) 5596 1425
EMAIL: mail@pece.com.au
WEB: peter@pece.com.au

21-0258-04

SITE CONTACT DETAILS	COUNCIL STANDARD ALIGNMENTS	WORKS COORDINATOR	PETER EUSTACE & ASSOCIATES
NAME: Energex OH	3.0m RP	PARENT PROJECT NO.	APPROVED
TBC: Energex UG	0.3-0.9m RP	WORK REQUEST NO.	CHECKED
COMPANY: NBN	REFER NBN	LOTS	DESIGNER
PHONE: -	REFER GAS	LOT 63-67	ABRAHAM IKORO
MOBILE: -	REFER GAS	LOT 79-SP300760	PHONE: (07) 5596 1425
FAX: -	REFER CIVIL	CANCELLING LOTS	PLANNER
	REFER CIVIL	LOCAL AUTHORITY	DAVID VAN GENT
	REFER CIVIL	GYMPIE REGIONAL COUNCIL	PHONE: (07) 5596 1425
	REFER CIVIL	UBD REF	ISSUE DATE
	REFER CIVIL	PEGGED?	21 OCTOBER 2021

Peter Eustace & Associates
INSTALL NEW LV CONDUITS, CABLES, PILLARS & STREET LIGHTS
25 LOT SUBDIVISION CHATSWORTH STAGE 4 OVERLANDER AVE CHATSWORTH
SCALE: N.T.S.
PROJECT / SUB PROJECT NO. S1301577
Sheet 4 of 4
ISSUE NO: B