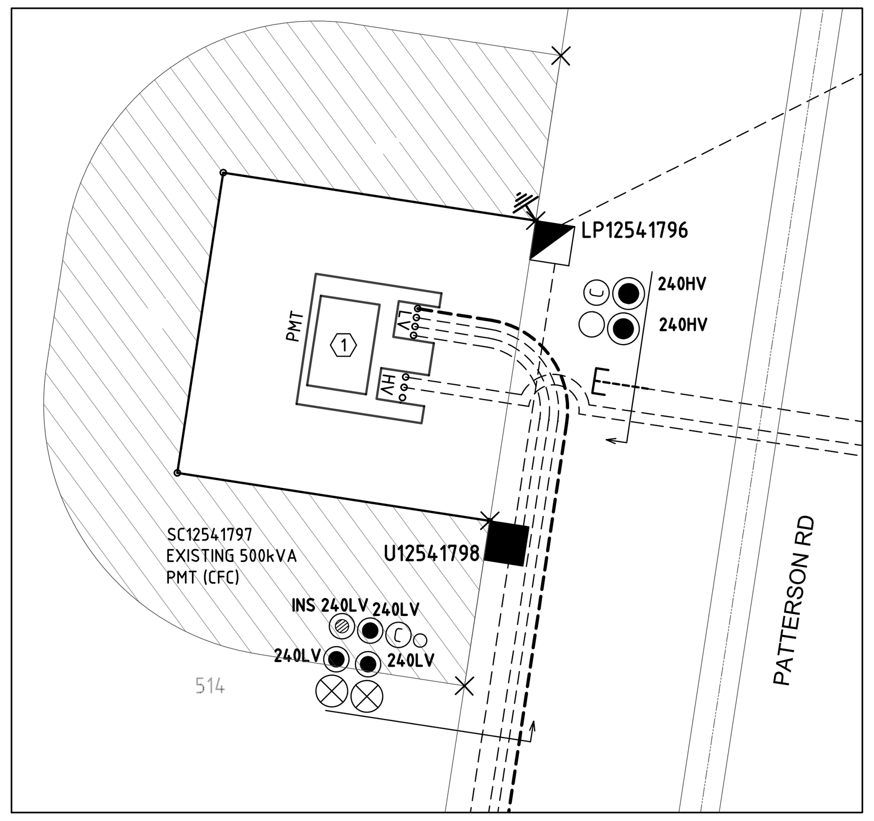
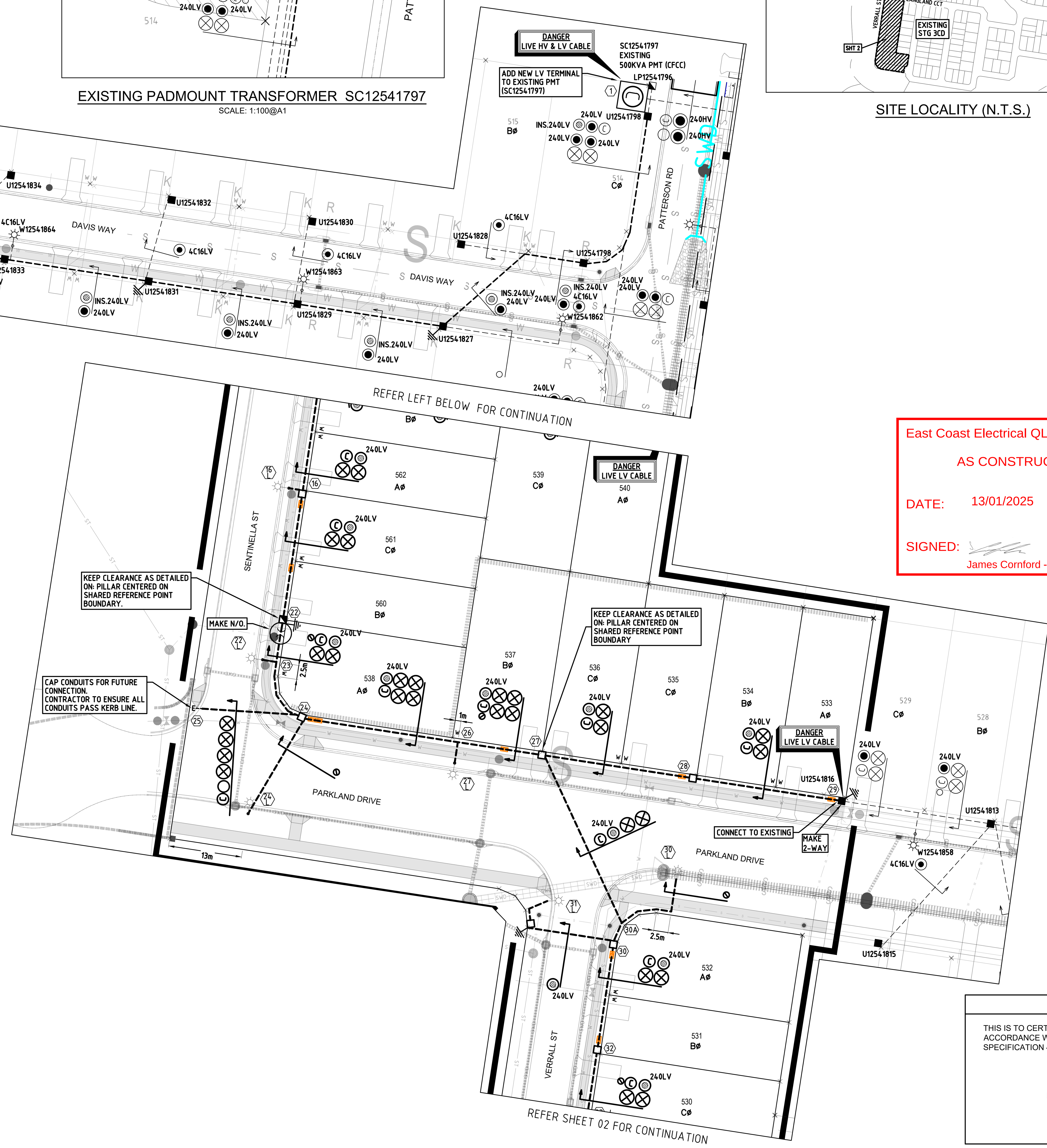
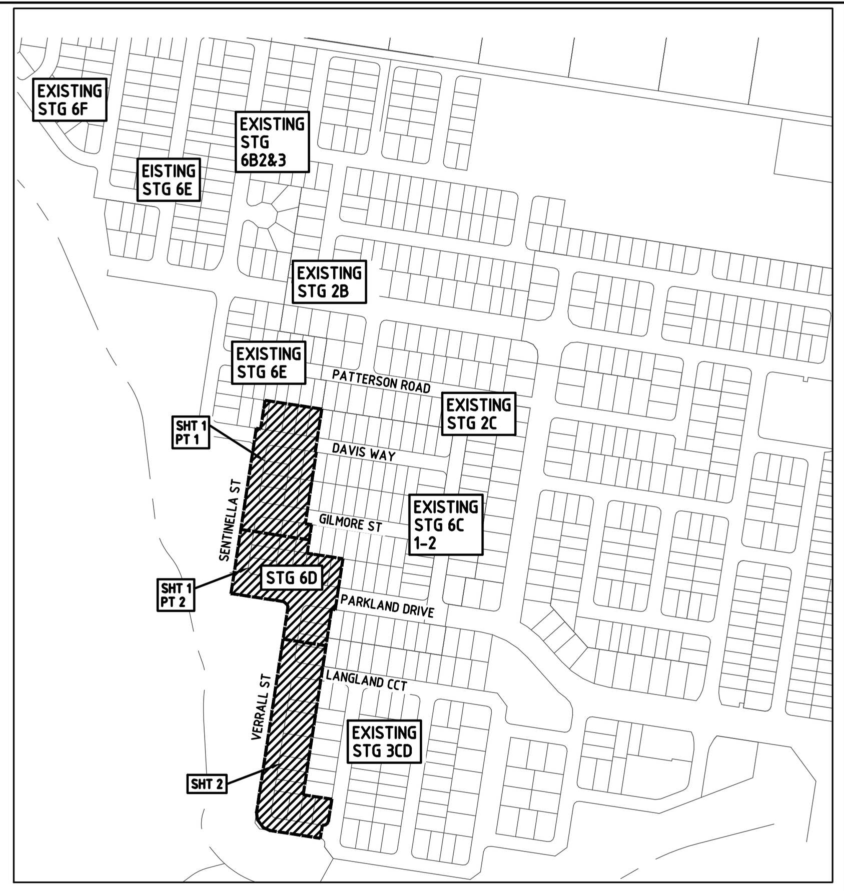


EXISTING PADMOUNT TRANSFORMER SC12541797

SCALE: 1:100@A1





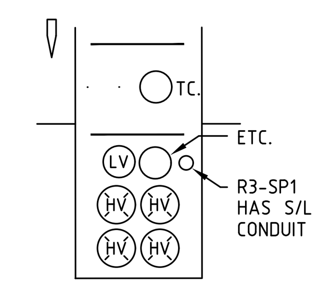
SITE LOCALITY (N.T.S.)

SYMBOL LEGEND

- PROPOSED 50mm S/L
- PROPOSED 50mm S/L (RATE 3)
- 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

- S/L (RATE 3)



DETAIL SP1 & R3-SP1

East Coast Electrical QLD PTY LTD

AS CONSTRUCTED

DATE: 13/01/2025

SIGNED:

James Cornford - 043243085

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 13.08.24

REFER TO PROJECT S1302084 WORKS PLANS FOR RATE 3 LIGHTING WORKS PLANS.

!WARNING!
FIRE ANT TERRITORY

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

CONSTRUCTION ISSUE

R	DATE	DESCRIPTION
A	14.03.24	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.
B	31.05.24	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.
C	27.06.24	ISSUED FOR ENERGEX ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.
D	04.07.24	ISSUED FOR TENDER ONLY. NOT FOR CONSTRUCTION.
E	30.07.24	ISSUED FOR CONSTRUCTION.
F	12.08.24	ISSUED FOR CONSTRUCTION.

PE CONSULTING ENGINEERS
STREET ADDRESS U14, 39 Lawrence Dr, Nerang QLD 4211
POSTAL ADDRESS PO Box 2835, Nerang DC QLD 4211
TELEPHONE (07) 5596 1425
EMAIL mail@pece.com.au
WEB petereustace.com.au

NORTH

22-0187- 01

SITE CONTACT DETAILS	
NAME	
TBC	
COMPANY	
-	
PHONE	-
MOBILE	-
FAX	-

COUNCIL STANDARD ALIGNMENTS	
Energex OH	2.95m RP
Energex UG	0-0.9m 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	PE CONSULTING ENGINEERS
PARENT PROJECT NO.	
WORK REQUEST NO.	
LOTS	LOT 475-489, 530-540, 558-565, 584-593, 829
CANCELLING LOTS	4/SP336196
LOCAL AUTHORITY	IPSWICH CITY COUNCIL
UBD REF	
PEGGED?	YES

APPROVED	KRIS BOVEINIS
CHECKED	ANTHONY JOWETT
DESIGNER	FILIPE PABIS
PHONE	(07) 5596 1425
PLANNER	ANTHONY JOWETT
PHONE	(07) 5596 1425
ISSUE DATE	12 AUGUST 2024

PE CONSULTING ENGINEERS

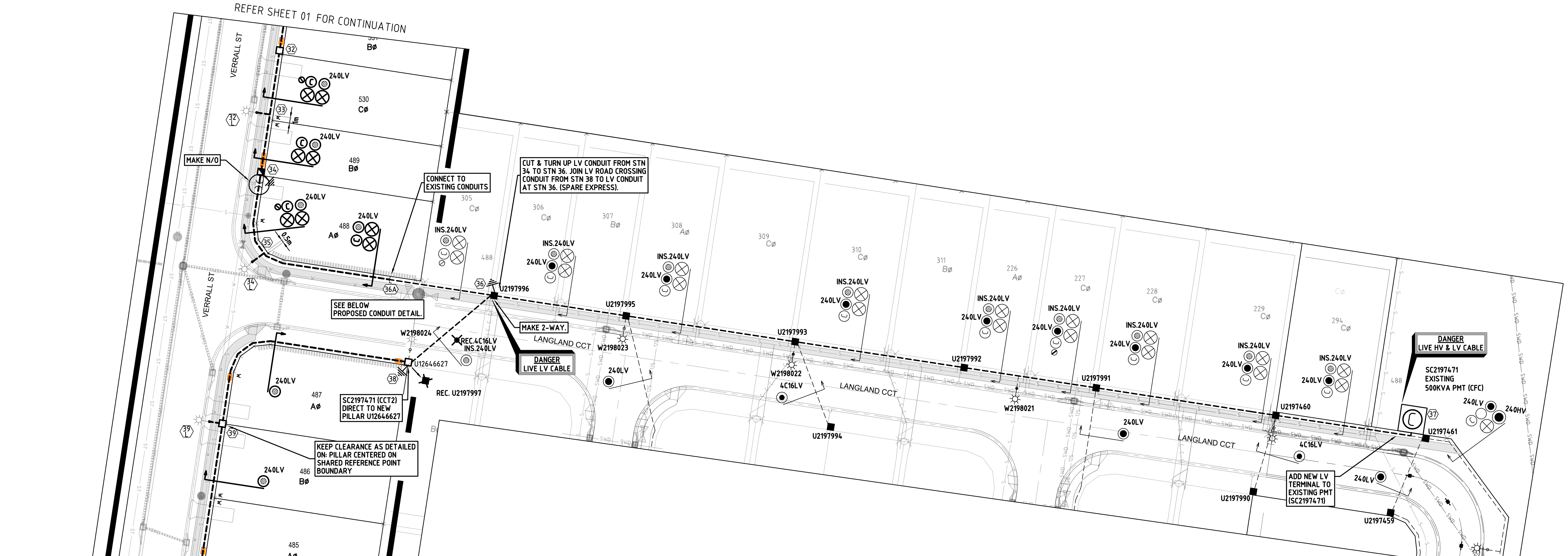
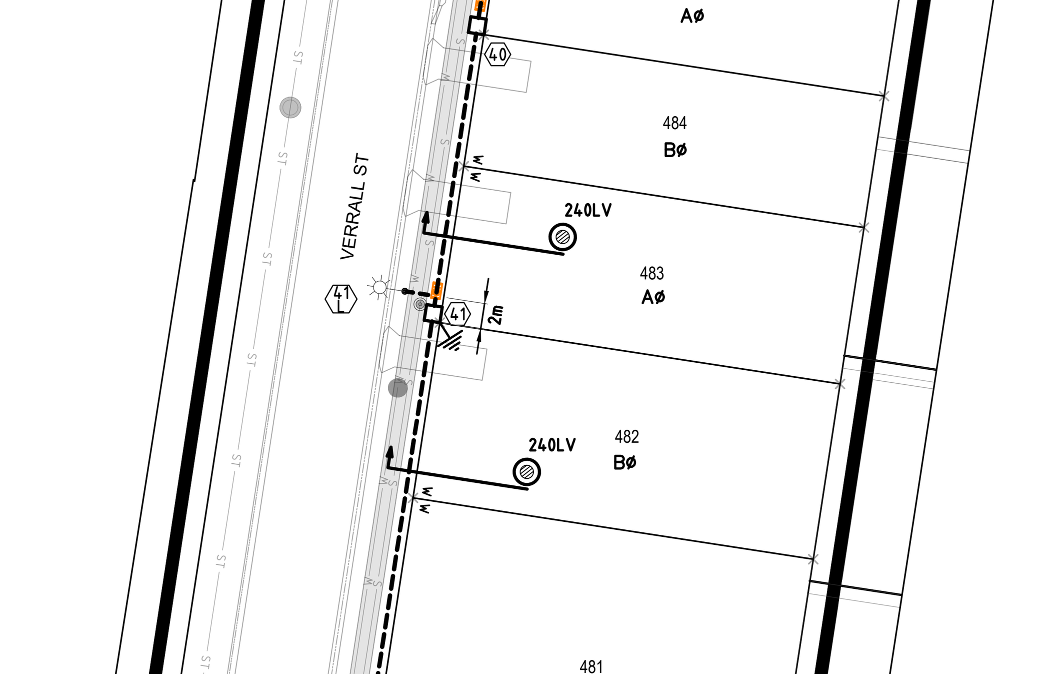
INSTALL HV & LV CONDUIT, CABLES & PILLARS

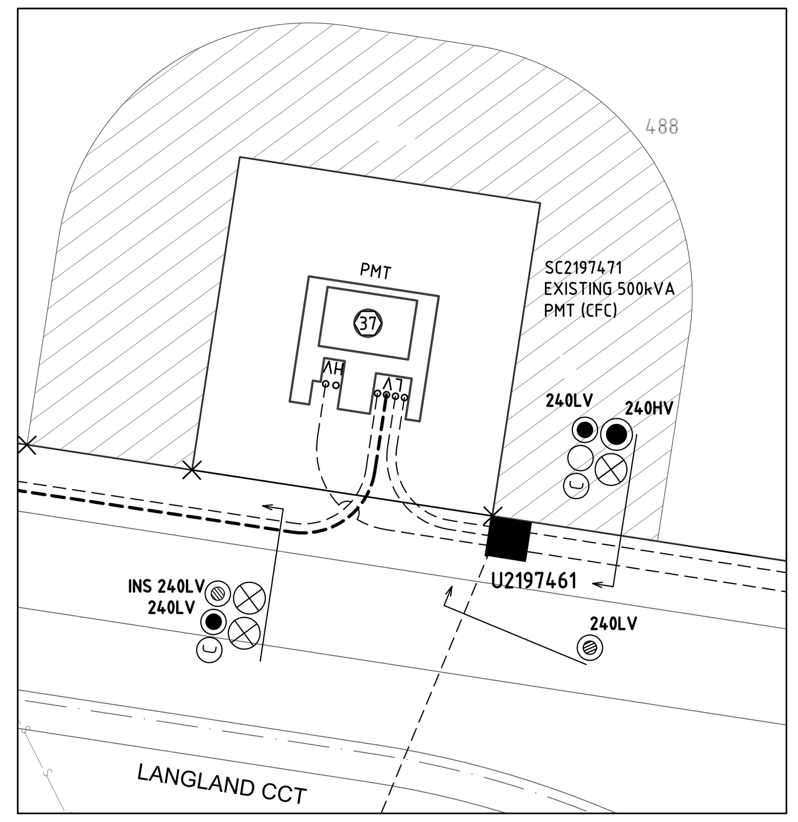
45 LOT SUBDIVISION
DAWN ESTATE STAGE 6D
PARKLAND DRIVE, WALLOON 4306

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

S1302081

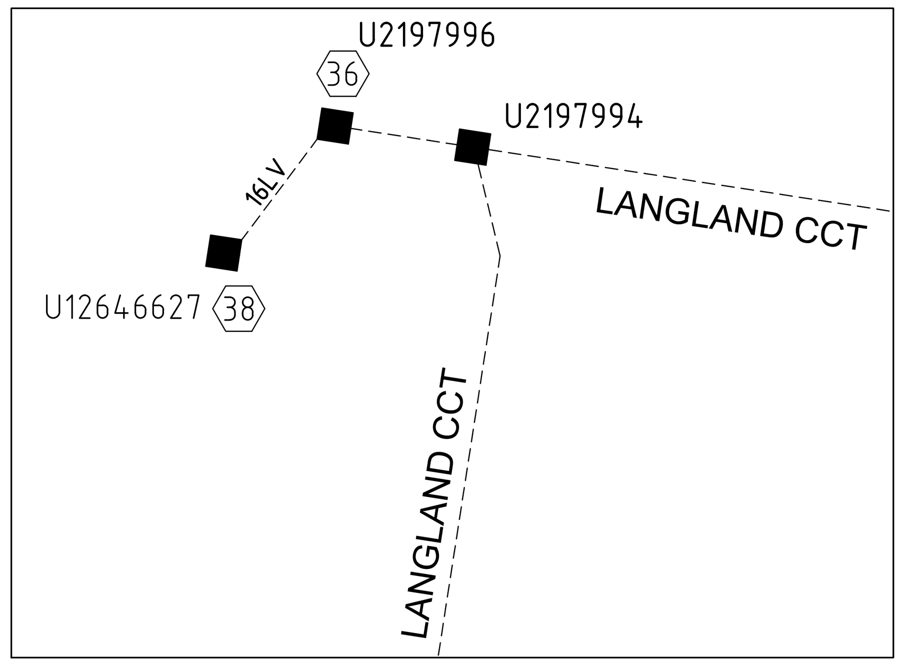
Sheet 1 of 4
ISSUE NO: F

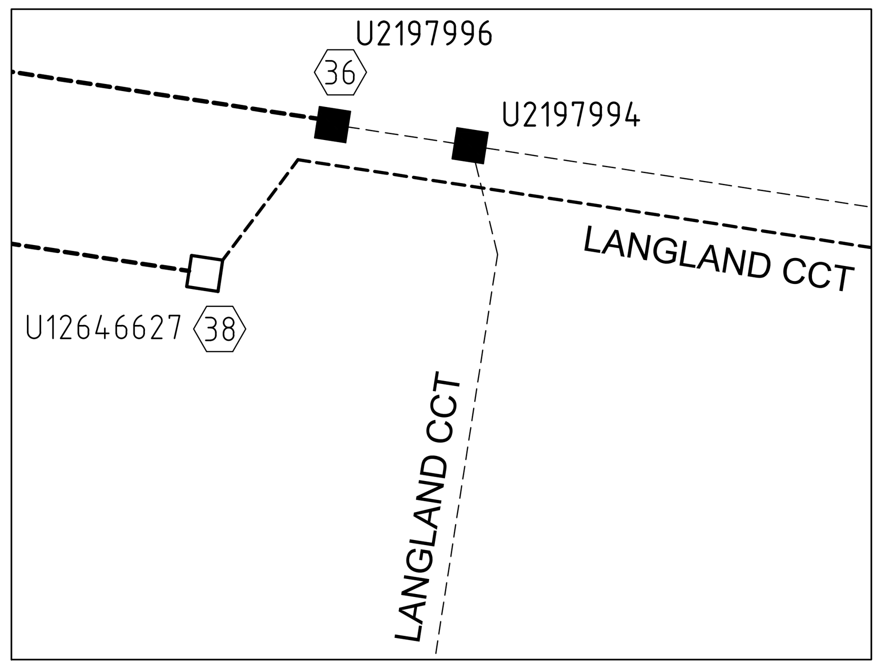



EXISTING PADMOUNT TRANSFORMER SC2197471

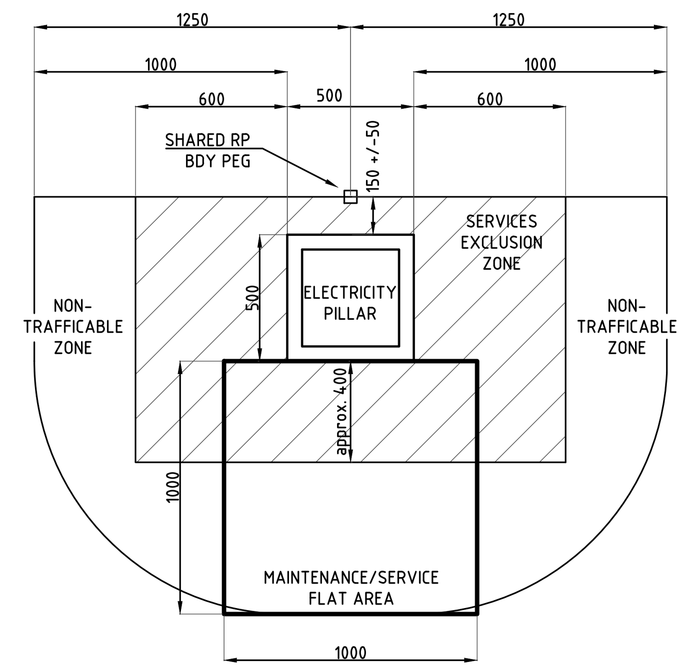
SCALE: 1:100@A1



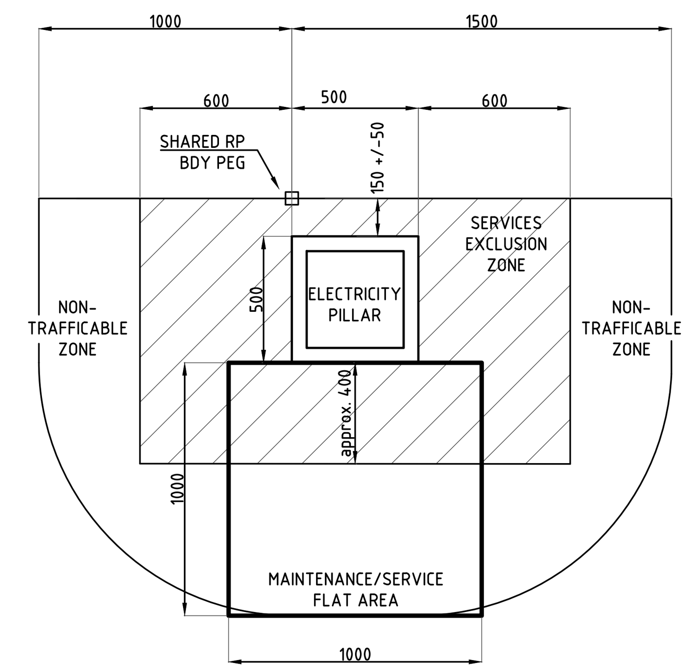
EXISTING CONDUIT CONNECTION DETAIL



PROPOSED CONDUIT CONNECTION DETAIL



PILLAR CENTRED ON SHARED RP BDY



PILLAR OFFSET TO ONE SIDE OF SHARED RP BDY

NOTES
1. PILLARS MAY BE SET CENTRED ON BDY PEG OR OFFSET TO ONE SIDE AS SHOWN.
2. PILLARS TO BE OFFSET 150 (+/-50) FROM RP BDY.
3. 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.
4. IF ROADS/DRIVEWAYS ARE WITHIN 1000 OF PILLAR 2 X PROTECTION BOLLARDS WILL BE REQUIRED.
5. FLAT AREA IN FRONT OF PILLAR TO BE MAINTAINED FOR ACCESS AND MAINTENANCE.

East Coast Electrical QLD PTY LTD

AS CONSTRUCTED

DATE: 13/01/2025

SIGNED:

James Cornford - 043243085

CONSTRUCTION ISSUE

R	DESCRIPTION	DATE
A	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	14.03.24
B	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	31.05.24
C	ISSUED FOR ENERGEX ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	27.06.24
D	ISSUED FOR TENDER ONLY. NOT FOR CONSTRUCTION.	04.07.24
E	ISSUED FOR CONSTRUCTION.	30.07.24
F	ISSUED FOR CONSTRUCTION.	12.08.24

PE CONSULTING ENGINEERS

STREET ADDRESS U14, 39 Lawrence Dr, Nerang QLD 4211
POSTAL ADDRESS PO Box 2835, Nerang DC QLD 4211
TELEPHONE (07) 5596 1425
EMAIL mail@pece.com.au
WEB petereustace.com.au

NORTH

22-0187- 02

SITE CONTACT DETAILS		COUNCIL STANDARD ALIGNMENTS			
NAME		Energex OH	2.95m RP	WORKS COORDINATOR	PE CONSULTING ENGINEERS
TBC		Energex UG	0-0.9m RP	PARENT PROJECT NO.	
COMPANY		NBN	REFER NBN	WORK REQUEST NO.	
-		GAS	REFER GAS	LOTS	LOT 475-489, 530-540, 558-565, 584-593, 829
PHONE	-	HP GAS	REFER GAS	CANCELLING LOTS	4/SP336196
MOBILE	-	WATER	REFER CIVIL		
FAX	-	STORMWATER	REFER CIVIL	LOCAL AUTHORITY	IPSWICH CITY COUNCIL
		SEWERAGE	REFER CIVIL	UBD REF	
		OTHER	REFER CIVIL	PEGGED?	YES

APPROVED	KRIS BOVEINIS
CHECKED	ANTHONY JOWETT
DESIGNER	FILIPE PABIS
PHONE	(07) 5596 1425
PLANNER	ANTHONY JOWETT
PHONE	(07) 5596 1425
ISSUE DATE	12 AUGUST 2024

PE CONSULTING ENGINEERS

INSTALL HV & LV CONDUIT, CABLES & PILLARS

45 LOT SUBDIVISION
DAWN ESTATE STAGE 6D
PARKLAND DRIVE, WALLOON 4306

WORKSPLAN VERSION 5.5
SCALE: 1:500@A1
PROJECT / SUB PROJECT NO.
S1302081

Sheet 2 of 4
ISSUE NO: F

UNDERGROUND CABLE SCHEDULE

LOCATION	STATIONS FROM-TO	VOLTS	EXIST	TRF	REC	INSTALL	CABLE SIZE/TYPE	MODEL ID	ROUTE LENGTH (m)	CABLE LENGTH (m) NEW	CABLE LENGTH (m) REC	LCC	REMARKS
DAVIS WAY	1 - 2	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	192	195			
	2 - 3	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	27	30			
	3 - 12	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	57	60			
	7 - 12	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	42	45			
	8 - 10	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	10 - 11	LV				*	16mm^2 4C Cu XLPE	LVC416XPV	27	30			
~~SENTINELLA ST~~ FURPHY ST	12 - 13	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	13 - 15	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	37	40			
	15 - 16	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	16 - 22	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	22 - 24	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
GILMORE ST	15 - 18	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	32	35			
	18 - 19	LV				*	16mm^2 4C Cu XLPE	LVC416XPV	17	20			
	18 - 20	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	32	35			
	20 - 21	LV				*	16mm^2 4C Cu XLPE	LVC416XPV	17	20			
PARKLAND DRIVE	24 - 27	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	47	50			
	27 - 28	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	27	30			
	27 - 30	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	37	40			
	28 - 29	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	27	30			
VERRALL ST	30 - 31	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	30 - 32	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	32 - 34	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	34 - 36	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	67	70			
	39 - 40	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	27	30			
	40 - 41	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	41 - 42	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	42	45			
	42 - 43	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	27	30			
	43 - 45	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	52	55			
	45 - 47	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	22	25			
	47 - 49	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	27	30			
LANGLAND CCT	36 - 38	LV	*		*		16mm^2 4C Cu XLPE	LVC416XPV					RECOVER
	37 38	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	202	205			
	38 - 39	LV				*	240mm^2 4C Al XLPE	LVA4240XPV	52	55			
TOTALS		LV					240mm^2 4C Al XLPE	LVA4240XPV		1360			
		LV					16mm^2 4C Cu XLPE	LVC416XPV		70			

EQUIPMENT SCHEDULE

LOCATION	STN No	SITE I.D.	EXIST	REC	INSTALL	SIZE & DESCRIPTION	IIN	COMP ID	PLANT No.	MODEL ID	QTY	LCC	REMARKS
PATTERSON ST	1	SC12541797	*			EXISTING 500kVA PMT		EX.		EX.	EX.		
					*	LV FUSES				DSLVF31	1		
					*	LV TERMINATION				LTSA24D	1		
DAVIS WAY	2	U12646611			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
					*	EARTH				ASSY1011-2	1		
	3	U12646612			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	7	U12646898	*			SERV PILLAR		EX.		EX.	EX.		MAKE 2-WAY
					*	240 LUG SET				LVSPL240	1		
	8	U12646897	*			240 SERV PILLAR		EX.		EX.	EX.		MAKE 2-WAY
					*	240 LUG SET				LVSPL240	1		
			*			EARTH		EX.		EX.	EX.		
	8A	LP12646894	*			EX. LINK PILLAR		EX.		EX.	EX.		MAKE N/O
			*			EARTH		EX.		EX.	EX.		
	10	U12646613			*	SUPPLY PILLAR (240-16 6F)		LP1		LVSP2-6	1		
					*	EARTH				ASSY1011-2	1		
	11	U12646614			*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		
~~SENTINELLA ST~~ FURPHY ST	12	U12646615			*	SUPPLY PILLAR (240-240-240 7F)		PI1		LVSP9-6SL	1		
	13	U12646616			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	15	U12648324			*	SUPPLY PILLAR (240-240-240 7F)		PI1		LVSP9-6SL	1		
	16	U12646617			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	22	LP12646618			*	LINK PILLAR (240-240 6F)		LP1		LVSP14-6	1		
					*	S/L FUSE				ASSY801-1	1		
					*	S/L FUSE HOLDER				ASSY1043-3	1		
					*	EARTH				ASSY1037-1	1		
GILMORE ST	18	LP12646619			*	LINK PILLAR (240-240 6F)		LP1		LVSP14-6	1		
					*	S/L FUSE				ASSY801-1	1		
					*	S/L FUSE HOLDER				ASSY1043-3	1		
					*	EARTH				ASSY1037-1	1		
	19	U12646620			*	SUPPLY PILLAR (16 6F)				LVSP12-6	1		
	20	U12541825	*			SERV PILLAR		EX.		EX.	EX.		MAKE 2-WAY
					*	240 LUG SET				LVSPL240	1		
					*	16 LUG SET				LVSPL016	1		
	21	U12646621			*	SUPPLY PILLAR (16 6F)		PI1		LVSP12-6	1		
PARKLAND DRIVE	24	U12648325			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	27	U12646622			*	SUPPLY PILLAR (240-240-240 7F)		PI1		LVSP9-6SL	1		
	28	U12646623			*	SUPPLY PILLAR (240-240 6F)		PI1		LVSP4-6	1		
	29	U12541816	*			SERV PILLAR		EX.		EX.	EX.		MAKE 2-WAY
					*	240 LUG SET				LVSPL240	1		
			*			EARTH		EX.		EX.	EX.		
VERRALL ST	30	U12646624			*	SUPPLY PILLAR (240-240-240 7F)		LP1		LVSP9-6SL	1		
	31	U12646635			*	SUPPLY PILLAR (240 6F)		PI1		LVSP2-6	1		
					*	EARTH				ASSY1011-2	1		
	32	U12646625			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	34	LP12646626			*	LINK PILLAR (240-240 6F)		LP1		LVSP14-6	1		
					*	S/L FUSE				ASSY801-1	1		
					*	S/L FUSE HOLDER				ASSY1043-3	1		
					*	EARTH				ASSY1037-1	1		
	36	U2197996	*			SERV PILLAR		EX.		EX.	EX.		MAKE 2-WAY
					*	240 LUG SET				LVSPL240	1		
		U2197997	*	*		SERV PILLAR		EX.		EX.	EX.		RECOVER
	38	U12646627			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		REPLACE EXISTING U2197997
					*	EARTH				ASSY1011-2	1		
	39	U12646628			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	40	U12646629			*	SUPPLY PILLAR (240-240 6F)		PI1		LVSP4-6	1		
	41	U12646630			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
					*	EARTH				ASSY1011-2	1		
	42	U12646631			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	43	U12646632			*	SUPPLY PILLAR (240-240 6F)		PI1		LVSP4-6	1		
	45	U12646633			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
	47	U12646634			*	SUPPLY PILLAR (240-240 7F)		PI1		LVSP4-6SL	1		
					*	EARTH				ASSY1011-2	1		
	49	LP2198006	*			EX. LINK PILLAR		EX.		EX.	EX.		MAKE 2-WAY
					*	240 LUG SET				LVSPL240	1		
					*	S/L FUSE				ASSY801-1	1		
					*	S/L FUSE HOLDER				ASSY1043-3	1		
LANGLAND CCT	36	U2197996	*			SUPPLY PILLAR		EX.		EX.	EX.		
			*			SERV PILLAR		EX.		EX.	EX.		MAKE 2-WAY
					*	240 LUG SET				LVSPL240	1		
			*			EARTH		EX.		ASSY1011-2	EX.		
	37	SC2197471	*			EXISTING 500kVA PMT		EX.		EX.	EX.		
					*	LV FUSES				DSLVF31	1		
					*	LV TERMINATION				LTSA24D	1		

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

LOCATION	STATIONS FROM-TO	CONDUIT LENGTH (m) RATE 3 50	No	ENERGEX URD 50	No	100C	No	100	No	125	No	BENDS (<°/No) 50	No	100C	No	100	No	125	No	X-SECTION (m) EXCAV/ TAPE	COVER STRIP	TRENCH DETAIL	DRAW WIRE	KERB MARK	STANDARD COVER	REMARKS
~~SENTINELLA ST~~ FURPHY ST	5 - 6					20	1	20	1	20	2										20	L		2	YES	
	24 - 25					20	1	20	1	20	4										20	R3-SP1		2	YES	FLAT CONDUIT ARRANGEMENT
GILMORE ST	14 - 15					25	1	25	1	25	2										25	L		2	YES	FLAT CONDUIT ARRANGEMENT
	18 - 19							20	1												20	D		2	YES	
	20 - 21							20	1												20	D		2	YES	
PARKLAND DRIVE	27 - 30A					35	1	35	1	35	2										35	L		2	YES	FLAT CONDUIT ARRANGEMENT
	24 - 24L	20	1																		20	R3-O		2	YES	
VERRALL ST	30 - 31							20	1												20	D		2	YES	
TOTALS		20				100		160		240											180			16		

COMBINED RATE 3 & ENERGEX URD CIVIL WORKS SCHEDULE (ALONG FOOTPATHS BY ELECTRICAL CONTRACTOR)

LOCATION	STATIONS FROM-TO	CONDUIT LENGTH (m) RATE 3 50	No	ENERGEX URD 50	No	100C	No	100	No	125	No	BENDS (<°/No) 40	No	100C	No	100	No	125	No	X-SECTION (m) EXCAV/ TAPE	COVER STRIP	TRENCH DETAIL	DRAW WIRE	KERB MARK	STANDARD COVER	REMARKS
DAVIS WAY	2 - 3							25	1											25		D	25		YES	
	3 - 4	30	1					30	1											30		R3-D	60		YES	
	4 - 5							20	1											20		D	20		YES	
	9 - 11							40	1											40		D	40		YES	
	4 - 3L	5	1																		5	R3-O	5		YES	
~~SENTINELLA ST~~ FURPHY ST	5 - 12	15	1			15	1	15	2	15	2									15		R3-N	90		YES	
	12 - 13					25	1	25	1	25	2									25		L	100		YES	
	13 - 14	10	1			10	1	10	1	10	2									10		R3-L	50		YES	
	15 - 22					45	1	45	1	45	2									45		L	180		YES	
	22 - 23	10	1			10	1	10	1	10	2									10		R3-L	50		YES	
	23 - 24					15	1	15	1	15	2									15		L	60		YES	
	5 - 12L	5	1																		5	R3-O	5		YES	
	14 - 13L	5	1																		5	R3-O	5		YES	
	16 - 16L	5	1																		5	R3-O	5		YES	
	23 - 22L	5	1																		5	R3-O	5		YES	
PARKLAND DRIVE	24 - 26					30	1	30	1	30	4									30		R3-SP1	180		YES	
	26 - 27	15	1			15	1	15	1	15	4									15		R3-SP1	105		YES	
	27 - 29					55	1	55	1	55	2									55		L	220		YES	
	26 - 27L	5	1																		5	R3-O	5		YES	
	30A - 30L	15	1																	10	5	R3-O	15		YES	
VERRALL ST	30A - 30	5	1			5	1	5	1	5	2									5		R3-L	25		YES	
	30 - 32					20	1	20	1	20	2									20		L	80		YES	
	32 - 33	15	1			15	1	15	1	15	2									15		R3-L	75		YES	
	33 - 34					10	1	10	1	10	2									10		L	40		YES	
	34 - 35	20	1			20	1	20	1	20	2									20		R3-L	100		YES	
	35 - 36A					25	1	25	1	25	2									25		L	100		YES	
	38 - 44							190	1											190		D	190		YES	
	44 - 45	20	1					20	1											20		R3-D	40		YES	
	45 - 46							10	1											10		D	10		YES	
	46 - 47	15	1					15	1											15		R3-D	30		YES	
	47 - 48							20	1											20		D	20		YES	
	31 - 31L	10	1																	5	5	R3-O	10		YES	
	33 - 32L	5	1																		5	R3-O	5		YES	
	35 - 34L	5	1																		5	R3-O	5		YES	
	39 - 39L	5	1																		5	R3-O	5		YES	
	41 - 41L	5	1																		5	R3-O	5		YES	
	42 - 42L	5	1																		5	R3-O	5		YES	
	44 - 45L	5	1																		5	R3-O	5		YES	
	46 - 47L	5	1																		5	R3-O	5		YES	
	48 - 49L	5	1																		5	R3-O	5		YES	
GILMORE ST	15 - 17	10	1					10	1											10		R3-D	20		YES	
	17 - 20							60	1											60		D	60		YES	
	17 - 15L	5	1																		5	R3-O	5		YES	
	18 - 18L	5	1																		5	R3-O	5		YES	
TOTALS		270				315		770		720										770		90	2075			

East Coast Electrical QLD PTY LTD

AS CONSTRUCTED

DATE: 13/01/2025

SIGNED:

James Cornford - 043243085

CONSTRUCTION ISSUE

DATE	14.03.24	31.05.24	27.06.24	04.07.24	30.07.24	12.08.24
DESCRIPTION	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR ENERGEX ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR TENDER ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR CONSTRUCTION.	ISSUED FOR CONSTRUCTION.
R	A	B	C	D	E	F

PE CONSULTING ENGINEERS

STREET ADDRESS U14, 39 Lawrence Dr, Nerang QLD 4211
POSTAL ADDRESS PO Box 2835, Nerang DC QLD 4211
TELEPHONE (07) 5596 1425
EMAIL mail@pece.com.au
WEB petereustace.com.au

22-0187- 03

SITE CONTACT DETAILS		COUNCIL STANDARD ALIGNMENTS	
NAME		Energex OH	2.95m RP
TBC		Energex UG	0-0.9m RP
COMPANY		NBN	REFER NBN
-		GAS	REFER GAS
PHONE	-	HP GAS	REFER GAS
MOBILE	-	WATER	REFER CIVIL
FAX	-	STORMWATER	REFER CIVIL
		SEWERAGE	REFER CIVIL
		OTHER	REFER CIVIL

WORKS COORDINATOR	PE CONSULTING ENGINEERS
PARENT PROJECT NO.	
WORK REQUEST NO.	
LOTS	LOT 475-489, 530-540, 558-565, 584-593, 829
CANCELLING LOTS	4/SP336196
LOCAL AUTHORITY	IPSWICH CITY COUNCIL
UBD REF	
PEGGED?	YES

APPROVED	KRIS BOVEINIS
CHECKED	ANTHONY JOWETT
DESIGNER	FILIPE PABIS
PHONE	(07) 5596 1425
PLANNER	ANTHONY JOWETT
PHONE	(07) 5596 1425
ISSUE DATE	12 AUGUST 2024

PE CONSULTING ENGINEERS

INSTALL HV & LV CONDUIT, CABLES & PILLARS

45 LOT SUBDIVISION
DAWN ESTATE STAGE 6D
PARKLAND DRIVE, WALLOON 4306

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

S1302081

ISSUE NO: F

EXISTING LINK PILLAR				
LOCATION: DAVIS WAY			STATION: LP12646894	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	EXISTING.
2 (RHS)	150x50	WB	5	TO DAVIS WAY U12646613 / PATTERSON ST SC12541797 (FS4) / GILMORE ST LP12646619 (RHS) / ~~SENTINELLA ST~~ FURPHY ST LP12646618 (LHS) & SERVICES.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

EXISTING LINK PILLAR				
LOCATION: PARKLAND DRIVE			STATION: LP12541808	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	TO ~~SENTINELLA ST~~ FURPHY ST LP12646618 (RHS) / VERRAL ST U12646635 / VERRALL ST LP12646626 (LHS) / PATTERSON ST SC12541797 (FS3) & SERVICES.
2 (RHS)	150x50	WB	5	EXISTING.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

EXISTING LINK PILLAR				
LOCATION: OTTO ST			STATION: LP2198010	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	TO LANGLAND CCT LP2198008 (LHS) / LANGLAND ST LP2198006 (RHS) / VERRALL ST LP12646626 (RHS) / LANGLAND CCT SC2197471 (FS1) & SERVICES.
2 (RHS)	150x50	WB	5	EXISTING.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

EXISTING LINK PILLAR				
LOCATION: LANGLAND CCT			STATION: LP2198008	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	TO LANGLAND CCT LP2198006 (RHS) / VERRALL ST LP12646626 (RHS) / OTTO ST LP2198010 (LHS) / LANGLAND CCT SC2197471 (FS1) & SERVICES.
2 (RHS)	150x50	WB	5	EXISTING.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

EXISTING LINK PILLAR				
LOCATION: LANGLAND CCT			STATION: LP2198006	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	TO LANGLAND CCT SC2197471 (FS2) & SERVICES.
2 (RHS)	150x50	WB	5	TO VERRALL ST LP12646626 (RHS) / LANGLAND CCT LP2198008 (LHS) / OTTO ST LP2198010 (LHS) / LANGLAND CCT SC2197471 (FS1) & SERVICES.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

NEW LINK PILLAR				
LOCATION: VERRALL ST			STATION: LP12646626	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	TO VERRAL ST U12646635 / ~~SENTINELLA ST~~ FURPHY ST LP12646618 (RHS) / PARKLAND DR LP12541808 (LHS) / PATTERSON ST SC12541797 (FS3) & SERVICES.
2 (RHS)	150x50	WB	5	TO LANGLAND CCT SC2197471 (FS1) / LANGLAND CCT LP2198006 (RHS) / LANGLAND CCT LP2198008 (LHS) / OTTO ST LP2198010 (LHS) & SERVICES.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

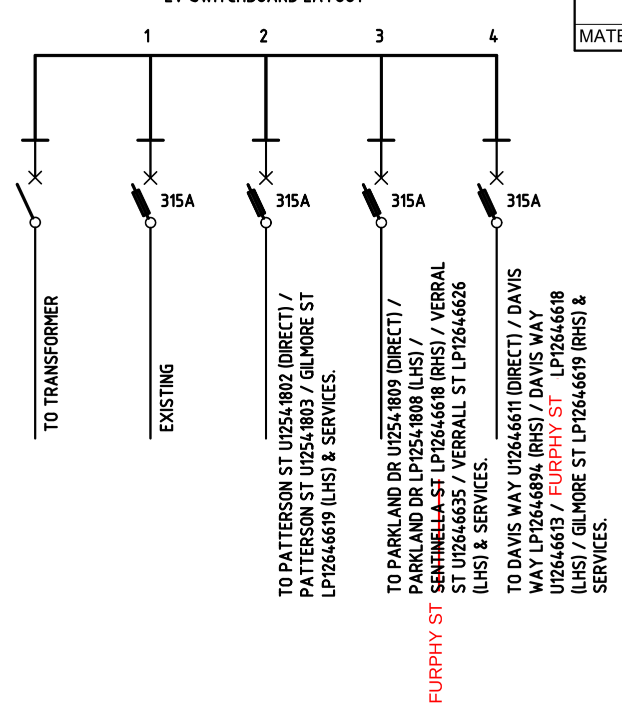
NEW STYLE LINK PILLAR				
LOCATION: FURPHY ST ~~SENTINELLA ST~~			STATION: LP12646618	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	TO GILMORE ST LP12646619 (RHS) / DAVIS WAY LP12646894 (RHS) / DAVIS WAY U12646613 / PATTERSON ST SC12541797 (FS4) & SERVICES.
2 (RHS)	150x50	WB	5	TO PARKLAND DR LP12541808 (LHS) / PATTERSON ST SC12541797 (FS3) / VERRAL ST U12646635 / VERRALL ST LP12646626 (LHS) & SERVICES.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

NEW STYLE LINK PILLAR				
LOCATION: GILMORE ST			STATION: LP12646619	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
1 (LHS)	150x50	WB	5	TO PATTERSON ST U12541803 / PATTERSON ST SC12541797 (FS2) & SERVICES.
2 (RHS)	150x50	WB	5	TO PATTERSON ST SC12541797 (FS4) / FURPHY ST ~~SENTINELLA ST~~ LP12646618 (LHS) / DAVIS WAY LP12646894 (RHS) / DAVIS WAY U12646613 & SERVICES.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

PROPOSED COMMISSIONING SCHEDULE			
TENTATIVE ONLY SUBJECT TO AMENDMENT BY SWITCHING CO-ORDINATOR			
ITEM No	LOCATION	APPARATUS	ACTION
	COMMISSION NEW LV EQUIPMENT - LV SWITCHING		
1	ADVISE CONTRACT SUPERVISOR SWITCHING TO COMMENCE		
2	RECEIVE CLEARANCE FROM WORK CREWS ALL WORK COMPLETED		
3	NOTIFY ALL WORK CREWS TREAT PILLARS AS LIVE		
4	**LANGLAND CCT LP2198006**	-	CHECK OPEN
5	**PATTERSON RD SC12541797**	LV FUSE-SWITCH 4	CHECK OPEN
6	**LANGLAND CCT SC2197471**	LV FUSE-SWITCH 2	CHECK OPEN
7	**DAVIS WAY LP12646894**	LV CFS	OPEN
8	**GILMORE ST U12541825**	LV BRIDGES	MAKE BRIDGES LIVE
9	**PARKLAND DRIVE U12541816**	LV BRIDGES	MAKE BRIDGES LIVE
10	**LANGLAND CCT U2197996**	LV BRIDGES	MAKE BRIDGES LIVE
11	**NEW ROADS**	NEW EQUIPMENT	CONNECT & MAKE READY
12	**REVERSE SWITCHING**	-	-
13	**NEW ROADS**	NEW LV EQUIPMENT	COMMISSION & TEST
14	ADVISE CONTRACT SUPERVISOR SWITCHING COMPLETE		

PMT LV SWBD - SWITCH FUSE CIRCUITS				
LOCATION: PATTERSON ST			STATION: SC12541797	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
TFMR ISOLATOR	80 x 35	WB	6	TO TRANSFORMER.
1	80 x 35	WB	5	EXISTING.
2	80 x 35	WB	5	TO PATTERSON ST U12541802 (DIRECT) / PATTERSON ST U12541803 / GILMORE ST LP12646619 (LHS) & SERVICES.
3	80 x 35	WB	5	TO PARKLAND DR U12541809 (DIRECT) / PARKLAND DR LP12541808 (LHS) / ~~SENTINELLA ST~~ FURPHY ST LP12646618 (RHS) / VERRAL ST U12646635 / VERRALL ST LP12646626 (LHS) & SERVICES.
4	80 x 35	WB	5 FURPHY ST	TO DAVIS WAY U12646611 (DIRECT) / DAVIS WAY LP12646894 (RHS) / DAVIS WAY U12646613 / ~~SENTINELLA ST~~ LP12646618 (LHS) / GILMORE ST LP12646619 (RHS) & SERVICES.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

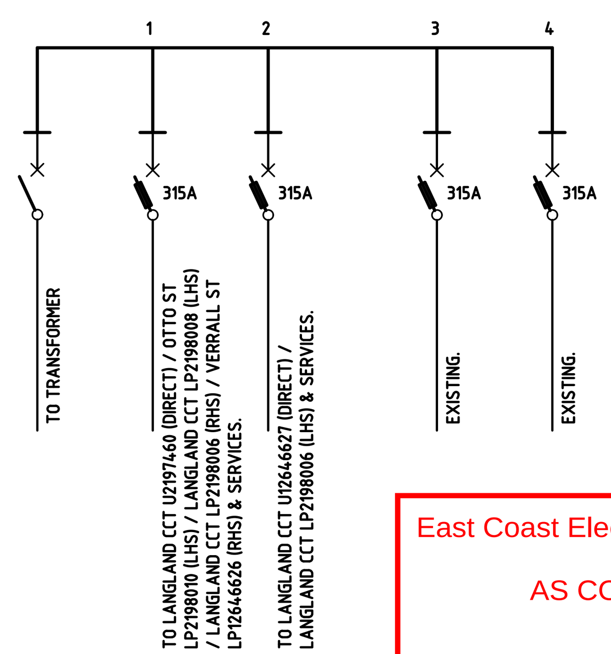
SC12541797
LV SWITCHBOARD LAYOUT



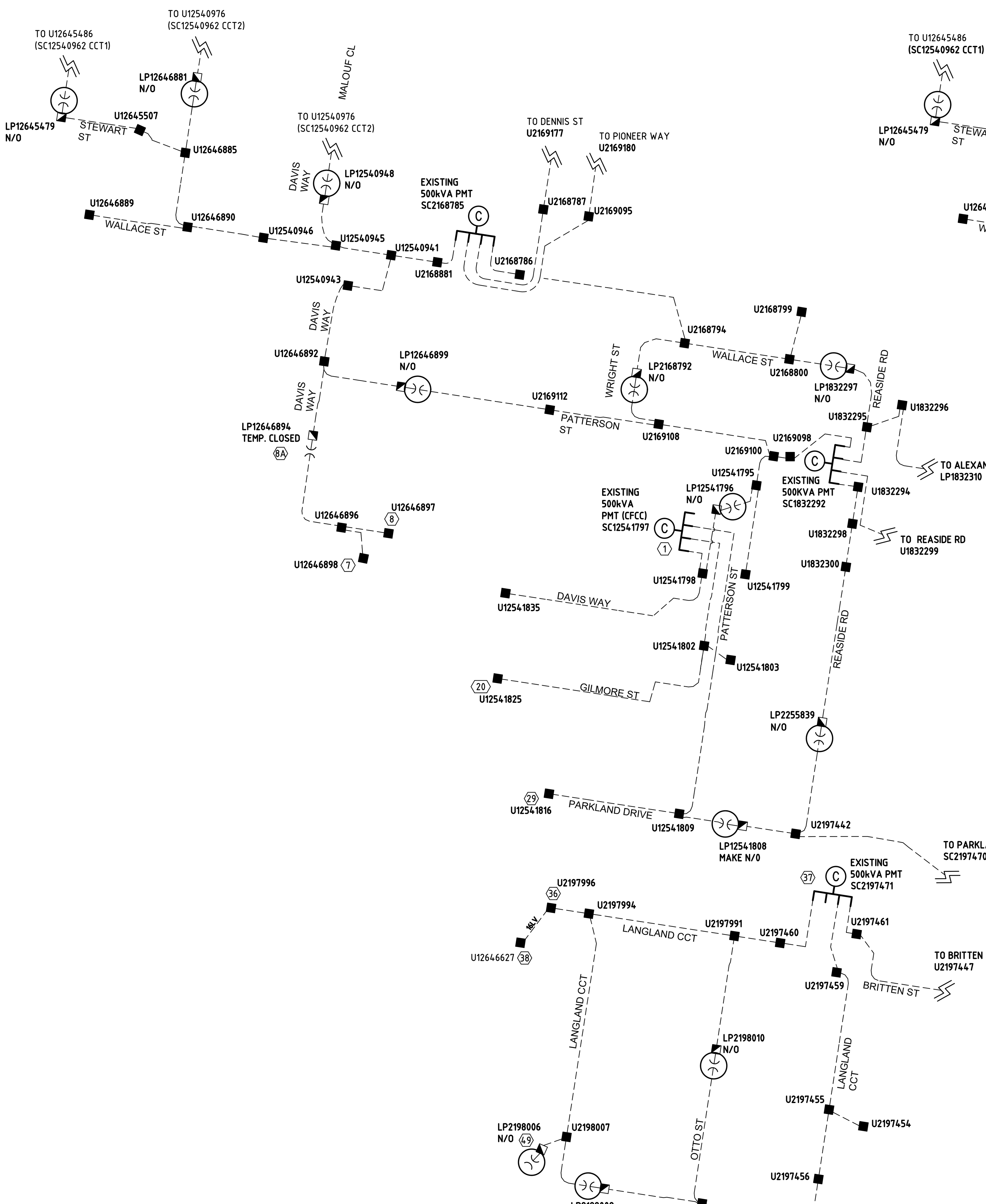
PROPOSED SC12541797 PHASING BALANCE				
	A	B	C	TOTAL
CCT1	EX.	EX.	EX.	**23**
CCT2	10	10	9	**29**
CCT3	10	11	11	**32**
CCT4	8	7	8	**23**
TOTAL	**36**	**36**	**35**	

PMT LV SWBD - SWITCH FUSE CIRCUITS				
LOCATION: LANGLAND CCT			STATION: SC2197471	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION
TFMR ISOLATOR	80 x 35	WB	6	TO TRANSFORMER.
1	80 x 35	WB	5	TO LANGLAND CCT U2197460 (DIRECT) / OTTO ST LP2198010 (LHS) / LANGLAND CCT LP2198008 (LHS) / LANGLAND CCT LP2198006 (RHS) / VERRALL ST LP12646626 (RHS) & SERVICES.
2	80 x 35	WB	5	TO LANGLAND CCT U12646627 (DIRECT) / LANGLAND CCT LP2198006 (LHS) & SERVICES.
3	80 x 35	WB	5	EXISTING.
4	80 x 35	WB	5	EXISTING.
MATERIAL: GRAVOPLY II (1.5mm) or similar				

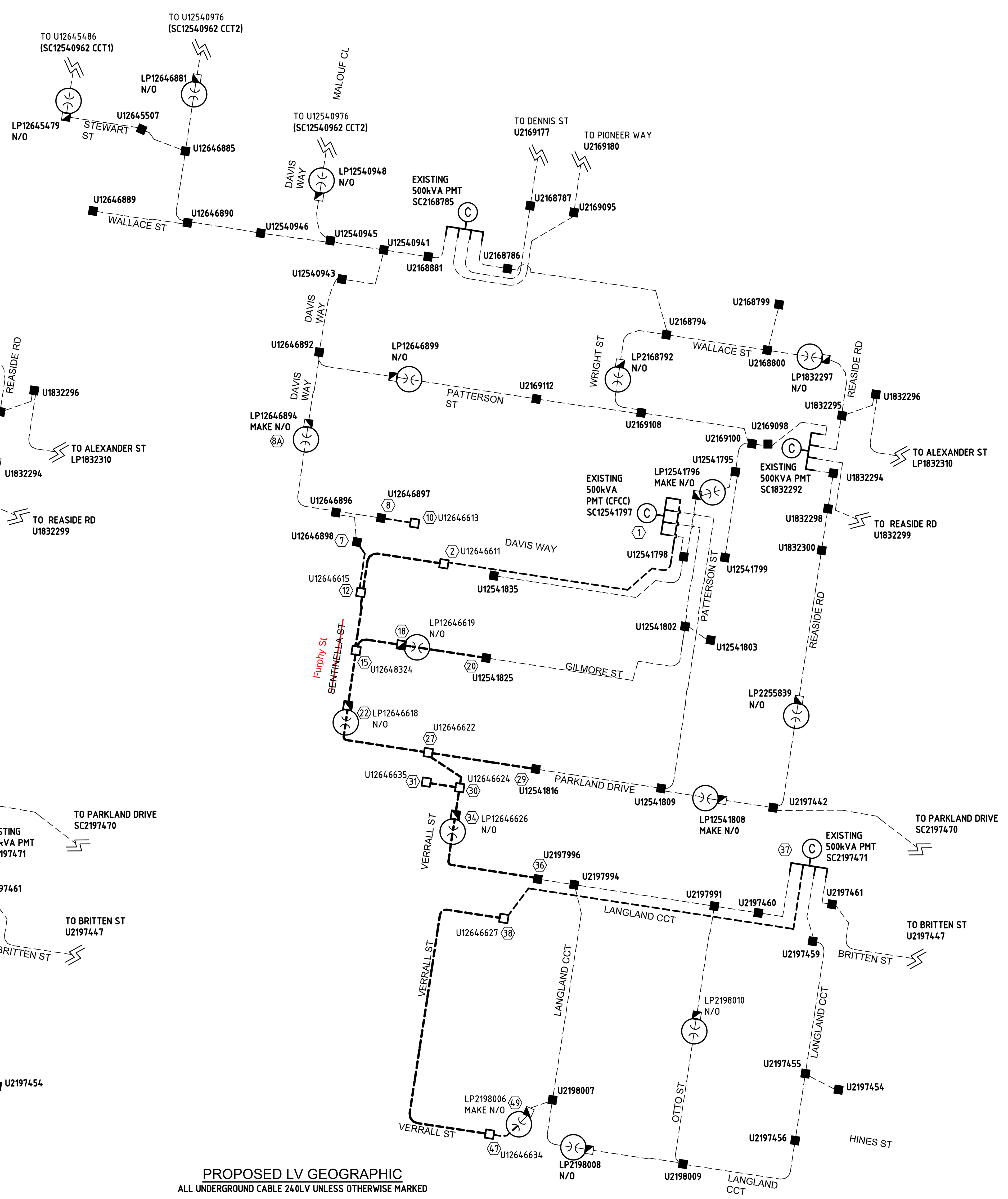
SC2197471
LV SWITCHBOARD LAYOUT



PROPOSED SC2197471 PHASING BALANCE				
	A	B	C	TOTAL
CCT1	EX.	EX.	EX.	**37**
CCT2	5	7	2	**14**
CCT3	EX.	EX.	EX.	**31**
CCT4	EX.	EX.	EX.	**12**
TOTAL	**33**	**33**	**34**	



EXISTING LV GEOGRAPHIC
ALL UNDERGROUND CABLE 240LV UNLESS OTHERWISE MARKED



PROPOSED LV GEOGRAPHIC
ALL UNDERGROUND CABLE 240LV UNLESS OTHERWISE MARKED

East Coast Electrical QLD PTY LTD
AS CONSTRUCTED
DATE: 13/01/2025
SIGNED:
James Cornford - 043243085

CONSTRUCTION ISSUE

R	A	B	C	D	E	F
DATE	14.03.24	31.05.24	27.06.24	04.07.24	30.07.24	12.08.24
DESCRIPTION	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR ENERGEX ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR TENDER ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR CONSTRUCTION.	ISSUED FOR CONSTRUCTION.

PE CONSULTING ENGINEERS
STREET ADDRESS U14, 39 Lawrence Dr, Nerang QLD 4211
POSTAL ADDRESS PO Box 2835, Nerang DC QLD 4211
TELEPHONE (07) 5596 1425
EMAIL mail@pece.com.au
WEB petereustace.com.au

NORTH

22-0187- 04

SITE CONTACT DETAILS	
NAME	
TBC	
COMPANY	
-	
PHONE	-
MOBILE	-
FAX	-

COUNCIL STANDARD ALIGNMENTS	
Energex OH	2.95m RP
Energex UG	0-0.9m 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	PE CONSULTING ENGINEERS
PARENT PROJECT NO.	
WORK REQUEST NO.	
LOTS	LOT 475-489, 530-540, 558-565, 584-593, 829
CANCELLING LOTS	4/SP336196
LOCAL AUTHORITY	IPSWICH CITY COUNCIL
UBD REF	
PEGGED?	YES

APPROVED	KRIS BOVEINIS
CHECKED	ANTHONY JOWETT
DESIGNER	FILIPE PABIS
PHONE	(07) 5596 1425
PLANNER	ANTHONY JOWETT
PHONE	(07) 5596 1425
ISSUE DATE	12 AUGUST 2024

PE CONSULTING ENGINEERS

INSTALL HV & LV CONDUIT, CABLES & PILLARS

45 LOT SUBDIVISION
DAWN ESTATE STAGE 6D
PARKLAND DRIVE, WALLOON 4306

WORKSPLAN VERSION 5.5
SCALE: N.T.S.
PROJECT / SUB PROJECT NO.
S1302081

ISSUE NO: F