

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV-2026-WAR-4902

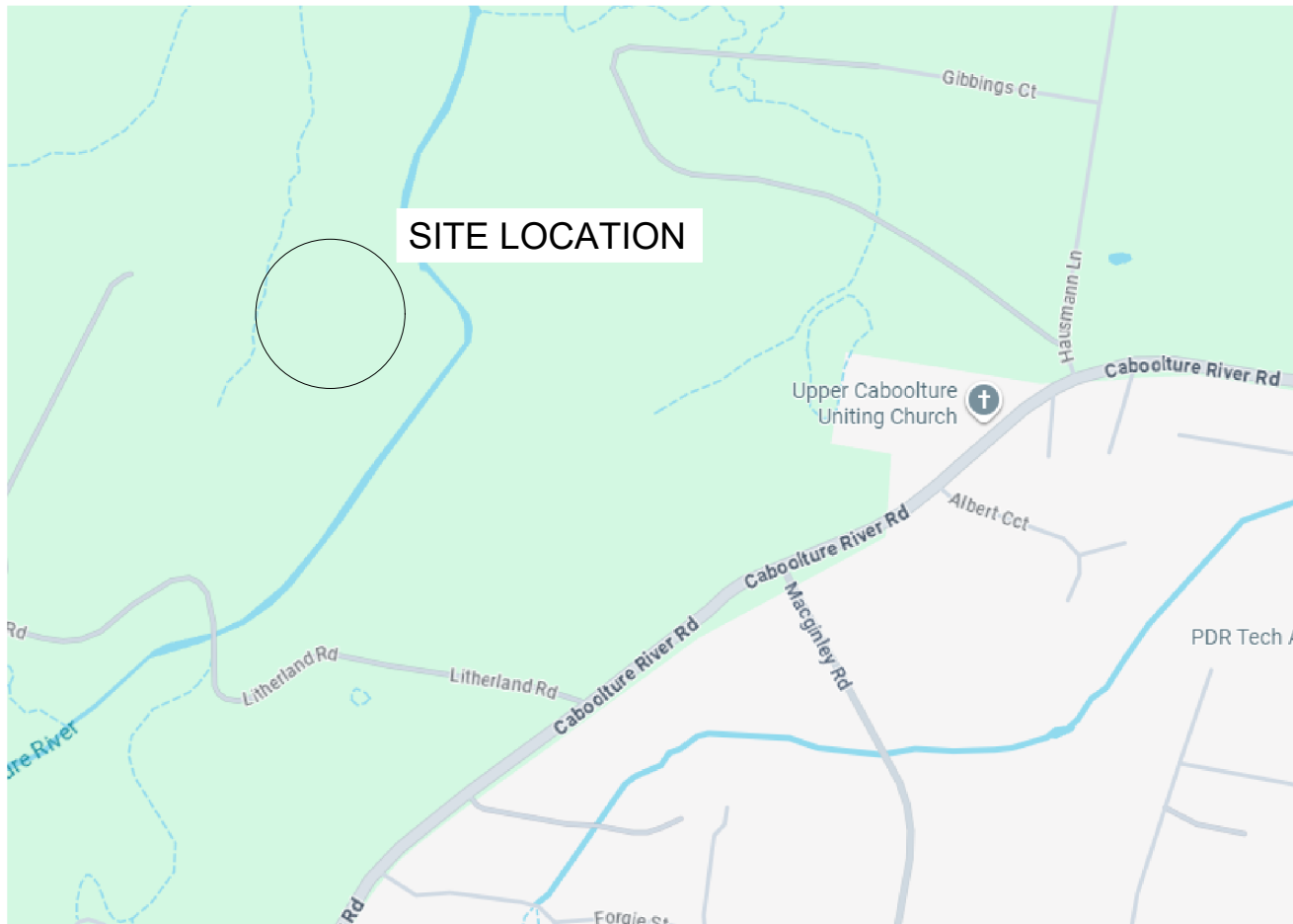
Date: 27 July 2026



RIVERMONT P2/P3 - STAGE PSD

UPPER CABOOLTURE

DRAWING INDEX
1 OVERALL PLAN
2 WORKS PLAN & SCHEDULES
3 PMT SITE DETAILS
4 EXISTING & PROPOSED 11kV/LV SCHEMATICS



LOCALITY PLAN

N.T.S.

UNDERGROUND SERVICES IDENTIFICATION
WORK CREWS WHO WILL BE EXCAVATING AT THIS SITE ARE ADVISED TO CONTACT THE DIAL BEFORE YOU DIG SERVICE TO DETERMINE THE EXTENT OF EXISTING UNDERGROUND SERVICES AND THE REQUIREMENTS OF THE APPROPRIATE SERVICE PROVIDERS. IT IS THE RESPONSIBILITY OF THE WORKS CREWS TO HAVE ALL EXISTING SERVICES AFFECTED BY THESE WORKS LOCATED ON SITE TO AVOID ANY DAMAGE DURING EXCAVATION WORKS. WHERE SERVICES HAVE BEEN SHOWN ON THE PLAN, THESE LOCATIONS ARE INDICATIVE ONLY AND NO WARRANTY IS IMPLIED AS TO THEIR ACCURACY.

**DIAL 1100
BEFORE YOU DIG**

DIAL BEFORE YOU DIG SERVICE
PHONE - 1100
WEB - www.1100.com.au
YOUR REQUEST SHOULD BE FORWARDED 5 WORKING DAYS BEFORE PLANNED EXCAVATION DATE.

LOCATION OF UTILITIES
THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL UNDERGROUND SERVICES PRIOR TO COMMENCING WORK AT THE SITE, AND IS RESPONSIBLE FOR THE REPAIR OF DAMAGE TO UNDERGROUND OR OVERHEAD UTILITY ASSETS, ARISING FROM THESE WORKS. CONTACT DIAL BEFORE YOU DIG.

PROPOSED COMMISSIONING PLAN
TENTATIVE ONLY - SUBJECT TO AMENDMENT BY ENERGEX OUTAGE CO-ORDINATOR

HV & LV x 1

- 11kV**
- OPEN X12746825 IS16 - RIVERMONT BLVD
 - OPEN SC12746841 IS20 - DELMAR DR
 - PERFORM 11kV WORKS AS REQUIRED
 - CLOSE SC12746841 IS20 - DELMAR DR
 - CLOSE X12746825 IS16 - RIVERMONT BLVD
 - CLOSE SC12746894 IS23 & IS25 - DELMAR DR
 - COMMISSION SC12746894 - DELMAR DR
- LV**
- OPEN SC12746841 FS1 - DELMAR DR
 - PERFORM LV WORKS AS REQUIRED
 - OPEN SC12746894 FS1 - DELMAR DR
 - CLOSE SC12746841 FS1 - DELMAR DR

AS CONSTRUCTED CABLE CERTIFICATION

ALL CABLES DETAILED FOR INSTALLATION ON THIS DRAWING HAVE BEEN CHECKED USING THE CABLE LOCATOR DESCRIBED BELOW AND ARE ACCORDING TO MEASUREMENTS TAKEN ON THE CORRECT ALIGNMENT AND AT THE CORRECT DEPTHS BELOW THE FINISHED SURFACE LEVEL. ALIGNMENTS ARE SUBJECT TO THE ACCURACY OF THE SURVEY PEGS INSTALLED AT TIME OF LOCATION.

CABLE LOCATIONS CARRIED OUT BY: _____

CHECKER PHONE NUMBER: _____

LOCATION DATE: _____

LOCATOR MODEL: _____

LOCATOR SERIAL NO: _____

CALIBRATION DATE: _____

CHECKER SIGNATURE: _____

CIVIL CONTRACTOR NOTE
CIVIL CONTRACTOR TO ENSURE ALL CONDUITS ARE INSTALLED PRIOR TO CONSTRUCTION OF FOOTPATHS, DRIVEWAYS AND RETAINING WALLS (WHERE REQUIRED).

Registered Professional Engineer of Queensland

MR JUSTIN READ

RPEQ 7727

DIV: ELECTRICAL

Signature: Date: 12.05.2026

Certification of design of PMT culvert to Energex Underground Distribution Construction Manual requirements

Note: civil design components are not certified, electrical reticulation (by Energex) is not certified

I agree to the terms defined by the placement of my signature in this document
2026-05-13
08:16+10:00



SITE CONTACT DETAILS	ALIGNMENTS	PROPERTY DESCRIPTION
NAME -	ENERGEX OH 3.0	NUMBER OF LOTS: 1
COMPANY -	ENERGEX UG 0.9	PROPOSED LOTS: 4001
PHONE -	TELSTRA DBYD	
MOBILE -	GAS DBYD	CANCELLING LOTS: TBA
FAX -	HP GAS DBYD	LOCAL AUTHORITY: MBRC
EMAIL -	WATER DBYD	APPROVAL No: TBA
	STORMWATER DBYD	RPEQ:
	SEWERAGE DBYD	
	OTHER DBYD	JUSTIN READ RPEQ #: 7727

APPROVED: T. FOSTER
PHONE: 0448 903 388
CHECKED: L. WEST
PHONE: 0427 123 724
DESIGNER: C. ALLAN
PHONE: 0417 612 168
PLANNER: C. ALLAN
PHONE: 0417 612 168
ISSUE DATE: 31/10/2025

ELECTRICAL RETICULATION
RIVERMONT P2/P3 - STAGE PSD
CABOOLTURE RIVER RD, UPPER CABOOLTURE
OVERALL PLAN

SCALE : N/A @ A1
C10937-PSD-1
S4901065
A
Sheet 1 of 4

LEGEND

LINES

- Boundary of Works
- Electrical Overhead - Exist
- Electrical Overhead - New
- Electrical Overhead - Recover / Future
- Electrical Underground - Exist
- Electrical Underground - New
- Electrical Underground - Recover / Future
- Consumers Overhead - New
- Consumers Underground - New
- RP Boundary
- Easement Boundary
- Kerbline
- Railway
- Retaining Wall
- Sewer Main
- Sewer Rising Main
- Water Main
- Stormwater
- Rainwater
- Open Drain / Swale
- Gas
- Telecommunications
- Fence
- Zero-lot Boundary

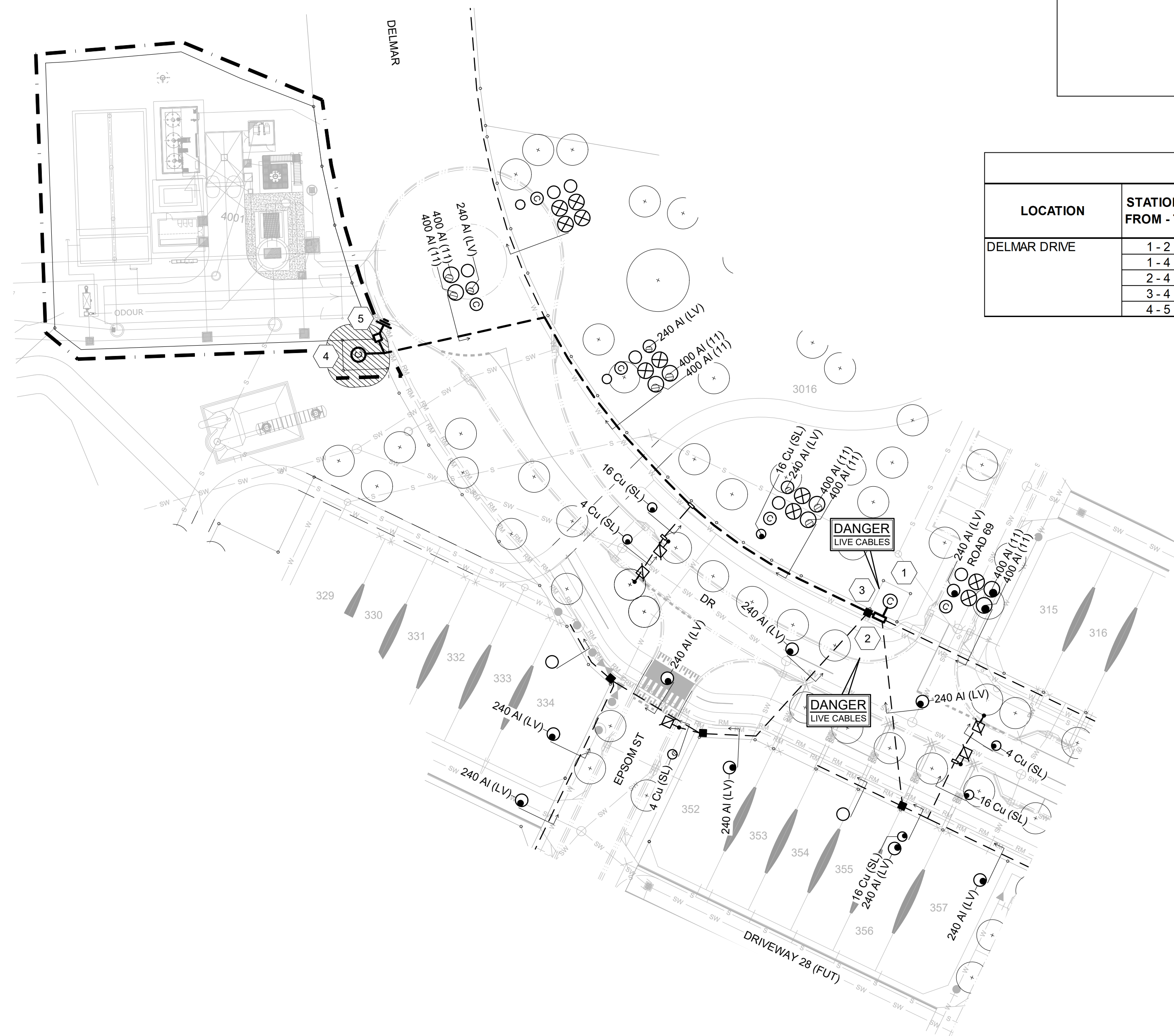
SYMBOLS

- Electrical Pillar
- Link Pillar
- Commercial / Industrial Pillar
- Electrical Pit
- Underground Joint
- Pole - LV Only
- Pole - HV Only
- Pole - HV & LV
- Pole - LV, Future LV
- Pole - LV, Future HV
- Pole Transformer
- Pole Termination - LV Only
- Pole Termination - HV Only
- Pole Termination - HV & LV
- Earth Electrode
- Pole Stay - Ground / Sidewalk
- Pole Stay - Aerial
- Padmount Transformer
- Ring Main Unit
- Conduit - 50mm
- Conduit - 100mm
- Conduit - 125mm
- Conduit - Energex Communications
- Street Light - LED
- Street Light - High Pressure Sodium 70W
- Street Light - High Pressure Sodium 100W
- Street Light - High Pressure Sodium 150W
- Street Light - High Pressure Sodium 250W
- Street Light - High Pressure Sodium 400W
- Street Light - Mercury Vapour 50W
- Street Light - Mercury Vapour 80W
- Street Light with Aeroscreen
- LV Disconnection Links - Open
- LV Disconnection Links - Closed
- HV Switch - Open
- HV Switch - Closed
- Drop Out Fuses - Open
- Drop Out Fuses - Closed
- Station Number
- Remove
- Phasing
- Driveway

FOR CONSTRUCTION

REV	DATE	DETAILS	REV	DATE	DETAILS
PR1	31/10/2025	PRELIMINARY. FOR APPROVAL			
PR2	14/01/2026	CIVIL & ELEC BASE UPDATED			
A	28/04/2026	COUNCIL APPROVED. FOR CONSTRUCTION.			

Approval no: DEV-2026-WAR-4902
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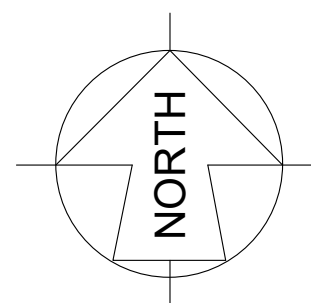
EQUIPMENT SCHEDULE													
LOCATION	STN No.	ENERGEX SITE I.D	EX	REC	INSTALL	MODEL DESCRIPTION	IIN	COMP I.D	PLANT No.	MODEL I.D	QTY	LCC	REMARKS
DELMAR DRIVE	1	SC 12746841	X X	X		PMT SQ 315KVA 11KV/433V 7TAP ABB CFC, JM LVB 11KV CFC S/G TERM 400 AL TRIPLEX 11KV CFC S/G TERM 400 AL TRIPLEX					1 -1 1		
	2	U 12746893			X X	11KV JNT 400AL-XLPE 185-240CU/240-400AL JOINT PROTECTION				2JTA40TCAV7D CIMJTPROT	1 1		
	3	U 12746846	X X		X	ELECT PILLAR 4C 2 WAY 240, 6 X 100AMP PHASE BAR FOR 3 WAY URD SERVICE PILLAR URD SERVICE PILLAR LUGSET 240MM 4C CABLE				SC0006508 LVSP240	1 4 1		CONVERT TO 3-WAY
	4	SC 12746894			X X X X X X X X X X X	PMT SQ 315KVA 11KV/433V 7TAP ABB CFC, JM LVB HV FUSE SAFELINK315KVA PMT TFMR AIR/TEMP 11KV CFC S/G TERM 400 AL TRIPLEX LV PMT TERM/CIRC 240SQMM 4C XLPE CABLE LV FUSE LINK 315A FOR ABB LV BD SQ PADMOUNT COMMON EARTHING MODELS CULVERT BOX CONCRETE, PRECAST FOUNDATION; 1700MMLG				S2475036 DSHV3SLK 1CFC40XLG LVPT4C240 DSLVF31 DSSQPMCEG SC0019959 SC0019960	1 1 2 2 2 1 1 1		
	5	U 12746895			X X	ELECT PILLAR (4C) 1WAY 240, 6 X 100AMP MEN EARTHS URD EXTENTIONS(NORMAL POINT)				LVSP2-6 LV4CMEN	1 1		

UNDERGROUND CABLE SCHEDULE													
LOCATION	STATIONS FROM - TO	VOLTS	EX	TRF	REC	INSTALL	CABLE SIZE/ TYPE	MODEL I.D	ROUTE LENGTH (m)	CABLE LENGTH (m)		LCC	REMARKS
										NEW	REC		
DELMAR DRIVE	1 - 2	11kV	X		X		400mm² Al 3C TRIPLEX (m)		2		2		RECOVER BACK TO STN 2. RETURN CABLE TO ENERGEX
	1 - 4	11kV				X	400mm² Al 3C TRIPLEX (m)	11AT400XSH	107	113			
	2 - 4	11kV				X	400mm² Al 3C TRIPLEX (m)	11AT400XSH	105	110			
	3 - 4	LV				X	240mm² Al 4C XLPE (m)	LVA4240XPV	101	106			
	4 - 5	LV				X	240mm² Al 4C Xi PF (m)	LV4240XPV	3	8			

Underground Developer - UGD -			
Model I.D/ C.U Listing	Qty	Description	
11AT400XSH	223	11KV CABLE AL TRIPLEX 400 TRXL/ M (NIL PICK)	
1CFC40XLG	3	11KV CFC S/G TERM.400 AL TRIPLEX	
2JTA40TCAV7D	1	11KV JNT 400AL-XLPE 185-240CU/240-400AL	
CNJTPROT	1	CONCRETE JOINT PROTECTION SLAB	
LVSP240	1	URD SERVICE PILLAR LUGSET 240MM4C CABLE	
S2475036	1	PMT SQ 315KVA 11KV/433V 7TAP ABB CFC, JM/LVB	
DSHVF3SLK	1	HV FUSE SAFELINK315KVA PMT TMFR AIR/TEMP	
LVPT4C240	2	LV PMT TERM/CIRC 240SQMM4C XLPE CABLE	
DSLVF31	2	LV FUSE LINK 315A FOR ABB LV BD	
DSSQPMCEG	1	SQ PADMOUNT COMMON EARTHING MODELS	
SC0019959	1	CULVERT BOX	
SC0019960	1	CONCRETE,PRECAST FOUNDATION;1700MMLG	
LVSP2-6	1	ELECT PILLAR (4C) 1WAY 240.6 X 100AMP	
LV4CMEN	1	MEN EARTHS URD EXTENSIONS(NORMAL POINT)	
LV4A240XPV	114	LV CABLE AL 4C 240 XLPE-PVC /M	

Energex Supplied Materials Underground - ESM-UG -		
Model I.D/ C.U Listing	Qty	Description
11AT400XSH	223	11KV CABLE AL TRIPLEX 400 TRXL/ M

Total Trench Length (m) -
0



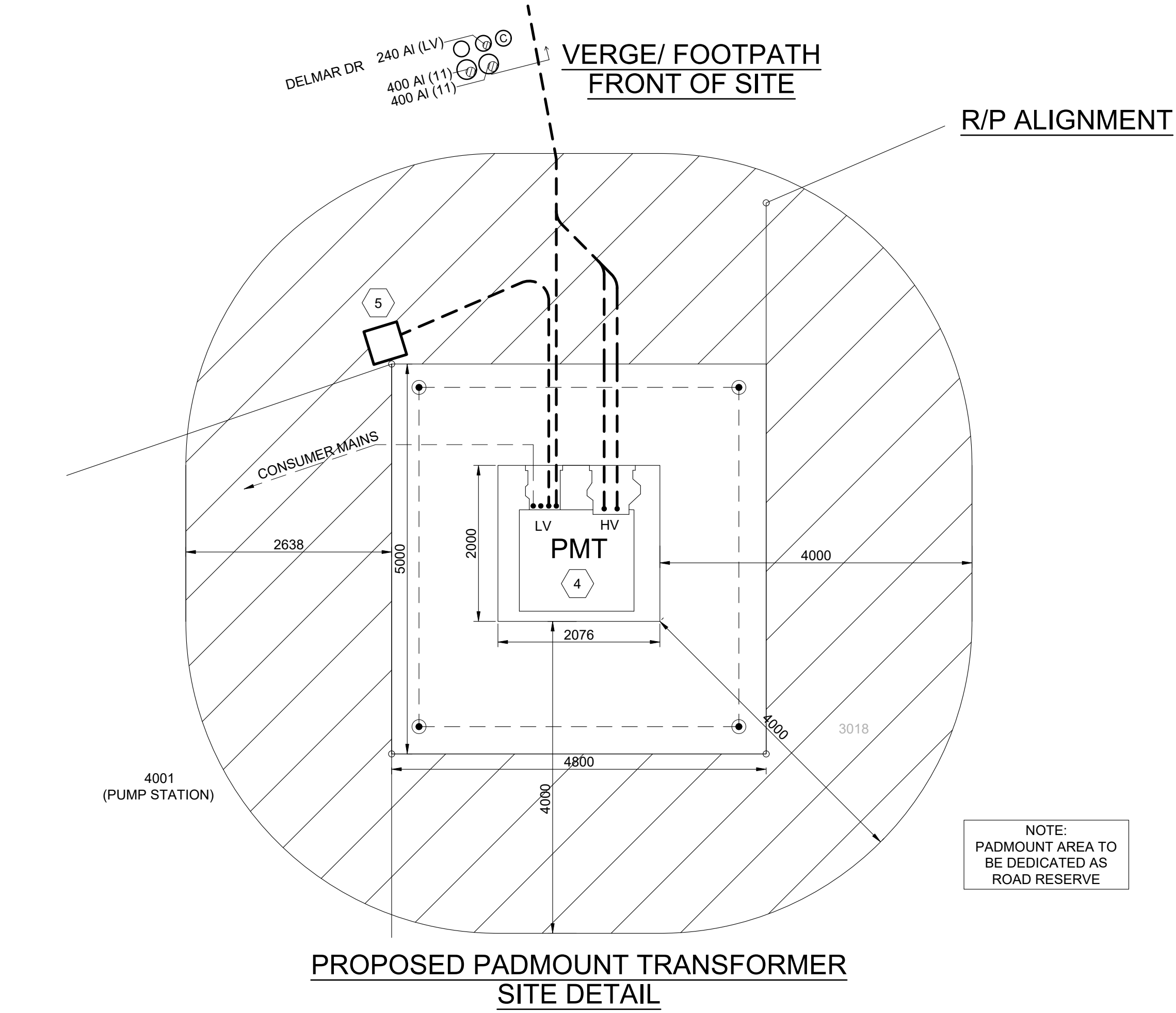
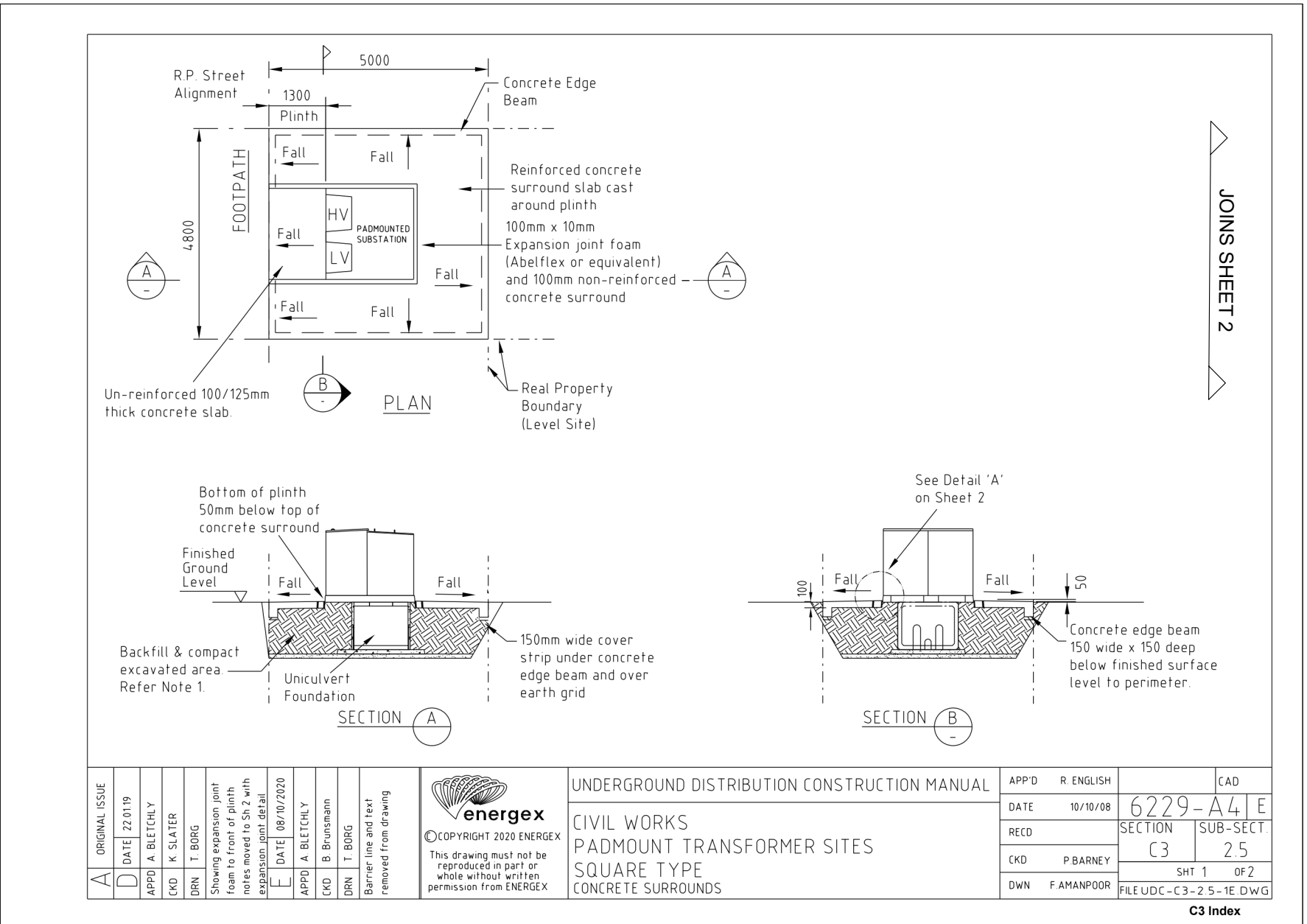
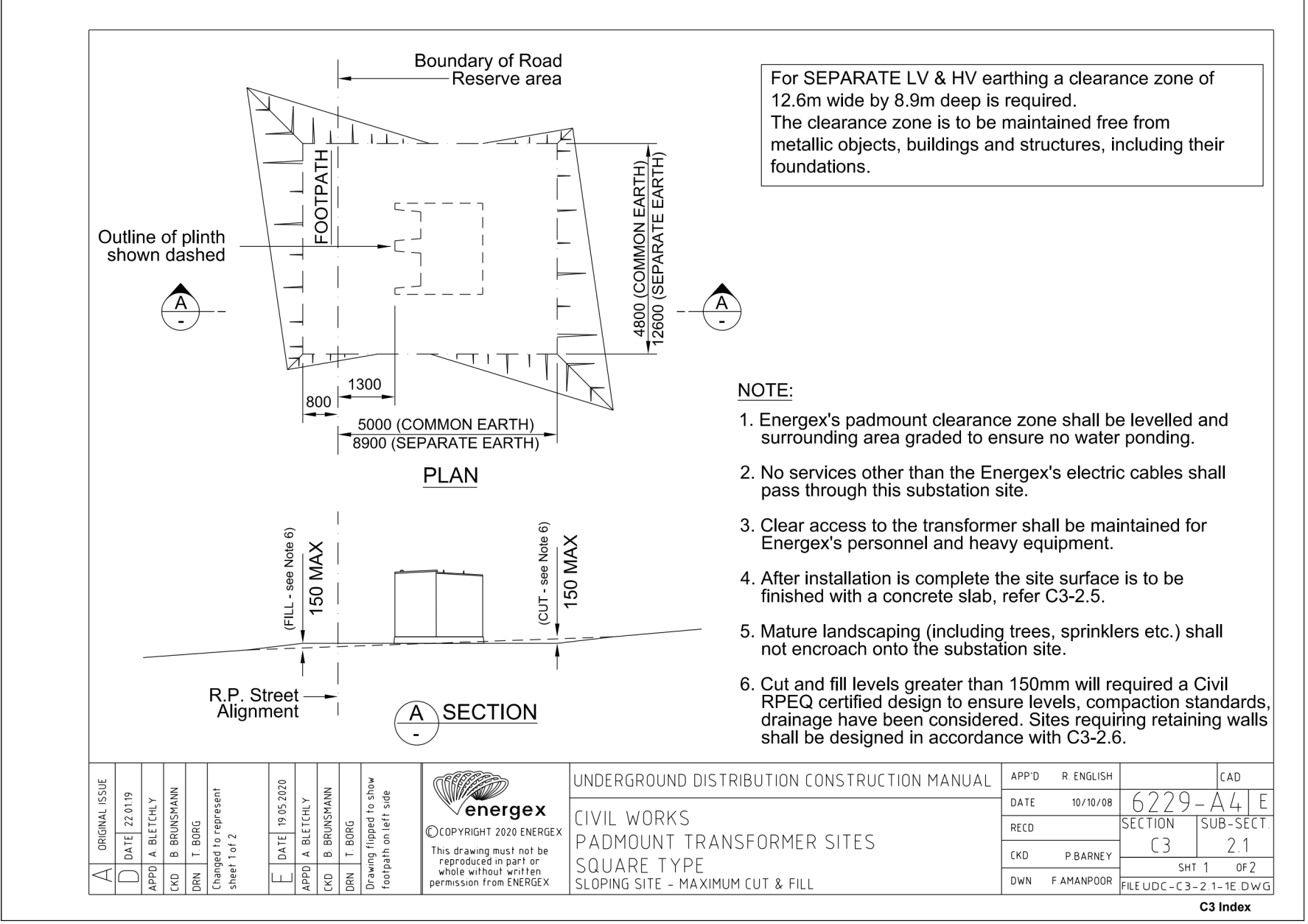
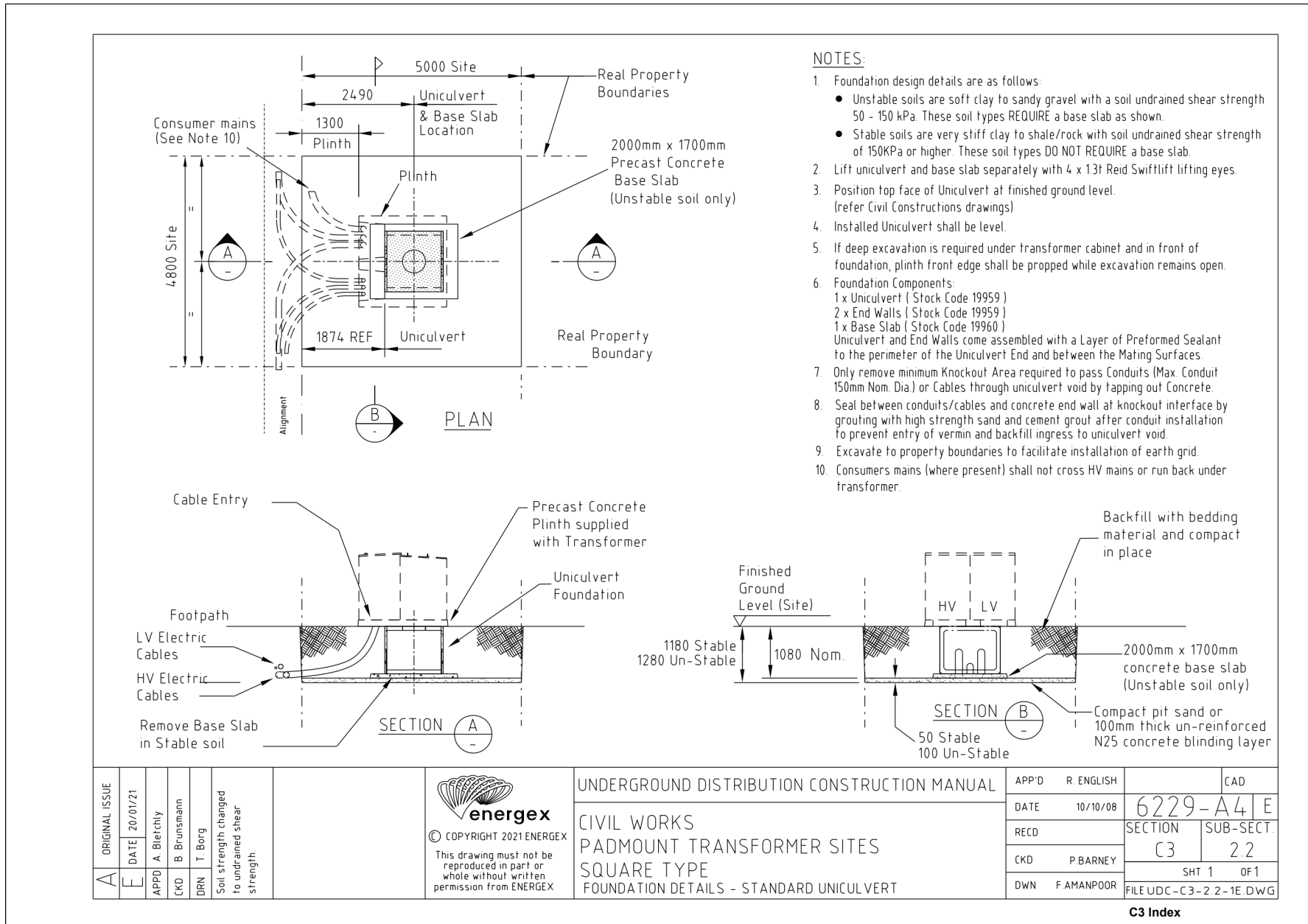
SCALE 1:500 (AT A1 SIZE)

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SITE CONTACT DETAILS		ALIGNMENTS		PROPERTY DESCRIPTION		APPROVED: T. FOSTER		ELECTRICAL RETICULATION		SCALE : 1:500 @ A1	
NAME		ENERGEX OH	3.0	NUMBER OF LOTS: 1		PHONE: 0448 903 388		RIVERMONT P2/P3 - STAGE PSD CABOOLTURE RIVER RD, UPPER CABOOLTURE	C10937-PSD-1		
COMPANY		ENERGEX UG	0.9	PROPOSED LOTS: 4001		CHECKED: L. WEST					
		TELSTRA	DBYD			PHONE: 0427 123 724					
PHONE	-	GAS	DBYD	CANCELLING LOTS: TBA		DESIGNER: C. ALLAN					
MOBILE	-	HP GAS	DBYD	LOCAL AUTHORITY: MBRC		PHONE: 0417 612 168					
FAX	-	WATER	DBYD	APPROVAL No: TBA		PLANNER: C. ALLAN		WORKS PLAN & SCHEDULES		S4901065	A
EMAIL	-	STORMWATER	DBYD	RPEQ:		PHONE: 0417 612 168					
		SEWERAGE	DBYD								
		OTHER	DBYD	JUSTIN READ	RPEQ # 7727	ISSUE DATE: 31/10/2025				Sheet 2 of 4	

FOR CONSTRUCTION



PADMOUNT TRANSFORMER SITE NOTES.

- PADMOUNT SITES ARE TO BE CONSTRUCTED TO ENERGEX REQUIREMENTS AS SET OUT IN ENERGEX STANDARD DRAWINGS - UDCM C3 - PADMOUNT TRANSFORMER SITE
- RETAINING WALLS SHALL BE INSTALLED WHERE A CHANGE IN GROUND LEVEL OF 300mm OR MORE OCCURS WITHIN 2000mm OF THE SUBSTATION CLEARANCE ZONE. FENCES SHALL BE INSTALLED FOR:
 - RESIDENTIAL AREAS (TYPICALLY 1200mm HIGH)
 - SLOPING SITES (EITHER FRONT TO BACK OR LEFT-RIGHT).
- FENCES AND RETAINING WALLS SHALL BE CONSTRUCTED TO ENERGEX STANDARDS TO SATISFY MINIMUM CLEARANCE ZONES OF COMMON EARTH CONFIGURATIONS. REFER TO SECTION C3-1 FOR RETAINING WALL CONSTRUCTION NOTES. ALTERNATIVE DESIGNS TO THOSE PROVIDED IN THIS MANUAL WILL REQUIRE A CIVIL ENGINEER'S CERTIFICATION.
- SAFETY FENCES SHALL COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE HEALTH AND SAFETY ACT, AS1657 AND AS1926 AND ALL AMENDMENTS.
- METAL RETAINING WALL FENCES SHALL BE USED IN CMEN AREAS. (REFER UDCM C3.1 SHEET 6)
- ALL RETAINING WALLS AND SAFETY FENCING ON PRIVATE PROPERTY SHALL BE MAINTAINED BY THE OWNER AT NO COST TO ENERGEX.
- ALL FENCING MATERIALS SHALL BE GALVANISED OR FINISHED IN AN EQUALLY DURABLE MANNER.
- ALL CHAINWIRE AND SUPPORT WIRES SHALL BE PVC COATED AND COLOURED BLACK OR GREEN.
- ALL ELEVATED AREAS SHALL BE PROVIDED WITH TOE BOARDS AND INFILL TYPE FENCING.
- BUILDING EXCLUSION ZONE - MAINTAIN 4m MINIMUM FROM EDGE OF PERMISSIBLE RESIDENTIAL DWELLING CONSTRUCTION AREA (BUILDING ENVELOPE) TO EDGE OF PADMOUNT SUBSTATION ENCLOSURE - AS PER UDCM C3.1 REQUIREMENTS
- SITE ACCESS TO PADMOUNT SITE - 4m WIDE x 5.0m HIGH. TO SUIT FRANNA T25 CRANE OR FLATBED TRUCK. ACCESS TRACK TO SUPPORT CRANE WITH AXLE LOADS UP TO 10 TONNE.

Registered Professional Engineer of Queensland
MR JUSTIN READ
RPEQ 7727
DIV: ELECTRICAL

Signature: *Justin Read* Date: 12.05.2026

Certification of design of PMT culvert to Energex Underground Distribution Construction Manual requirements

Note: civil design components are not certified, electrical reticulation (by Energex) is not certified

FOR CONSTRUCTION

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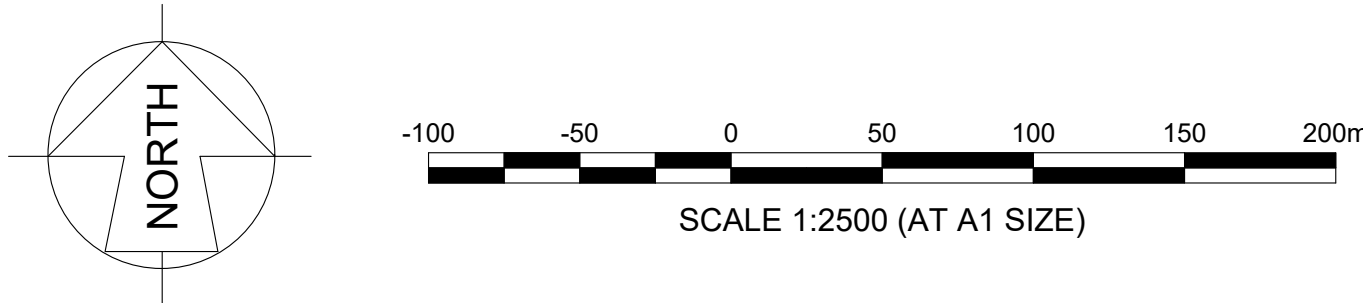


SITE CONTACT DETAILS		ALIGNMENTS		PROPERTY DESCRIPTION	
NAME	ENERGEX OH	3.0	NUMBER OF LOTS:	1	
	ENERGEX UG	0.9	PROPOSED LOTS:	4001	
COMPANY	TELSTRA	DBYD			
	GAS	DBYD	CANCELLING LOTS:	TBA	
PHONE	HP GAS	DBYD	LOCAL AUTHORITY:	MBRC	
MOBILE	WATER	DBYD	APPROVAL No:	TBA	
FAX	STORMWATER	DBYD	RPEQ:		
EMAIL	SEWERAGE	DBYD			
	OTHER	DBYD	JUSTIN READ	RPEQ #:	7727

APPROVED:	T. FOSTER
PHONE:	0448 903 388
CHECKED:	L. WEST
PHONE:	0427 123 724
DESIGNER:	C. ALLAN
PHONE:	0417 612 168
PLANNER:	C. ALLAN
PHONE:	0417 612 168
ISSUE DATE:	31/10/2025

ELECTRICAL RETICULATION	
RIVERMONT P2/P3 - STAGE PSD	
CABOOLTURE RIVER RD, UPPER CABOOLTURE	
PMT SITE DETAILS	

SCALE : 1:50	@ A1
C10937-PSD-1	
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Sheet 3 of 4	



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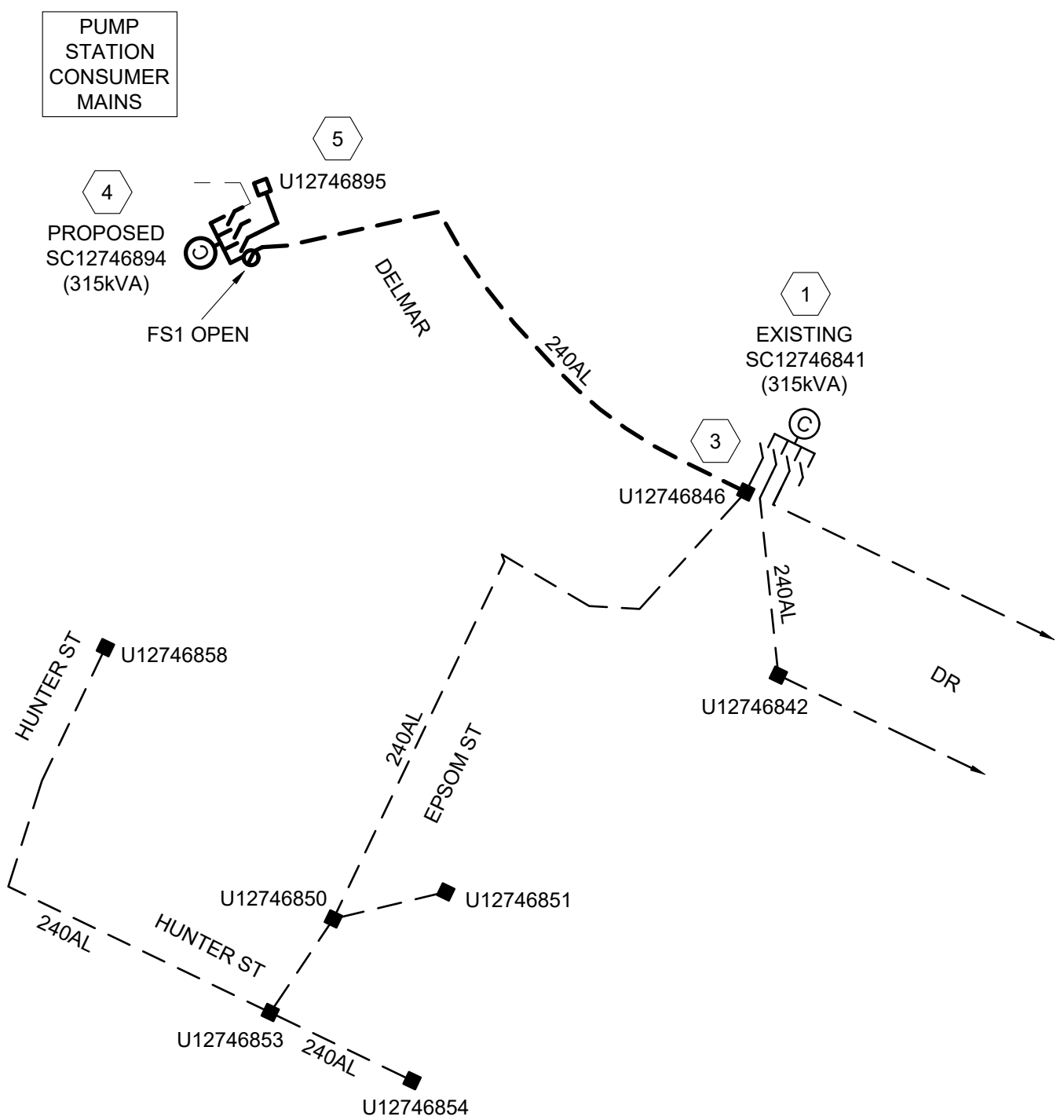
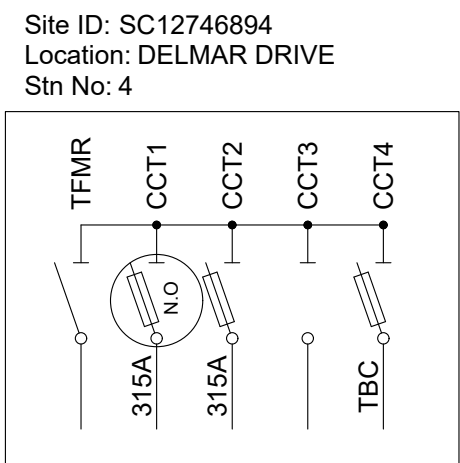
Site ID: SC12746894		Location: DELMAR DRIVE		Stn No: 4	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LV SWITCHBOARD LABEL	
TFMR ISOLATOR	80x35	WB	6	TRANSFORMER ISOLATOR	
1	80x35	WB	5	TO DELMAR DR U12746846 DIRECT THEN SC12746841 / HUNTER RD U12746854 / U12746858 & SERVICES.	NEW
2	80x35	WB	5	TO DELMAR DR U12746895 & SERVICES.	NEW
3	80x35	WB	5	SPARE	NEW
4	80x35	WB	5	TO CUSTOMER	NEW

Site ID: SC12746841		Location: DELMAR DRIVE		Strn No: 1	
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LV SWITCHBOARD LABEL	
TFMR ISOLATOR	80x35	WB	6	TRANSFORMER ISOLATOR	
1	80x35	WB	5	TO DELMAR DR SC12746894 / HUNTER RD U12746854 / U12746858 & SERVICES.	
2	80x35	WB	5	[EXISTING]	
3	80x35	WB	5	[EXISTING]	
4	80x35	WB	5	[EXISTING]	

Site ID: SC12746841			Location: DELMAR DRIVE			Stn No: 1	
LABEL SIZE	LABEL COLOUR	LETTER SIZE	RMU LABEL			LABEL LOCATION	LABEL DESCRIPTION
100x40	WB	15	IS20	SF21	IS22	NEAR ISOLATOR	ISOLATOR IDENTIFICATION
150x50	BW	10	TO DELMAR DR SC12746894 IS25	[EXISTING]	[EXISTING]	CABLE BOX	CABLE DESTINATION
150x50	BW	10	TO DELMAR DR SC12746894 IS25	[EXISTING]	[EXISTING]	INSIDE SIDE WALL	CABLE DESTINATION
NEW			EXISTING		EXISTING		

Site ID: SC12746894			Location: DELMAR DRIVE			Stn No: 4	
LABEL SIZE	LABEL COLOUR	LETTER SIZE	RMU LABEL			LABEL LOCATION	LABEL DESCRIPTION
100x40	WB	15	IS23	SF24	IS25	NEAR ISOLATOR	ISOLATOR IDENTIFICATION
150x50	BW	10	TO LITTERLAND RD X12746825 IS16	TO TRANSFORMER	TO DELMAR DR SC12746841 IS20	CABLE BOX	CABLE DESTINATION
150x50	BW	10	TO LITTERLAND RD X12746825 IS16	TO TRANSFORMER	TO DELMAR DR SC12746841 IS20	INSIDE SIDE WALL	CABLE DESTINATION
NEW			NEW			NEW	

Site ID: X12746825			Location: LITHERLAND ROAD				Stn No: -	
LABEL SIZE	LABEL COLOUR	LETTER SIZE	RMU LABEL				LABEL LOCATION	LABEL DESCRIPTION
100x40	WB	15	IS16	IS17	IS18	IS19	NEAR ISOLATOR	ISOLATOR IDENTIFICATION
150x50	BW	10	TO DELMAR DR SC12746894 IS23	[EXISTING]	[EXISTING]	[EXISTING]	CABLE BOX	CABLE DESTINATION
150x50	BW	10	TO DELMAR DR SC12746894 IS23	[EXISTING]	[EXISTING]	[EXISTING]	INSIDE SIDE WALL	CABLE DESTINATION
NEW			EXISTING		EXISTING		EXISTING	



EXISTING & PROPOSED LV SCHEMATIC

SCALE 1:1000 @ A1

Registered Professional Engineer of Queensland
MR JUSTIN READ
RPEQ 7727
DIV: ELECTRICAL

Signature:  Date: 12.05.2026

Certification of design of PMT culvert to Energex Underground
Distribution Construction Manual requirements

Note: civil design components are not certified, electrical reticulation (by Energex) is not certified



FOR CONSTRUCTION

APPROVED: T. FOSTER	ELECTRICAL RETICULATION		SCALE : AS SHOWN @ A1	
PHONE: 0448 903 388	RIVERMONT P2/P3 - STAGE PSD CABOOLTURE RIVER RD, UPPER CABOOLTURE		C10937-PSD-1	
CHECKED: L. WEST				
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