



PV SYSTEM DETAILS	
PV TYPE/MODEL:	Trina Solar, TSM-NEG21C.20 715 (715W)
No. MODULES:	1260
DC kWp (TOTAL):	900.90 kWp
AC kW (TOTAL):	700kW
INVERTER/MODEL:	7 X Tauro Eco 100-3-P (Fronius)
INSTALLATION TYPE:	FIXED TILT

FIXED TILT PV
SYSTEM 2 LAYOUT
50 TOTAL STRING
WITH 900 PANELS

FIXED TILT PV
SYSTEM 1 LAYOUT
20 TOTAL STRING
WITH 360 PANELS

DC CABLE TRENCH

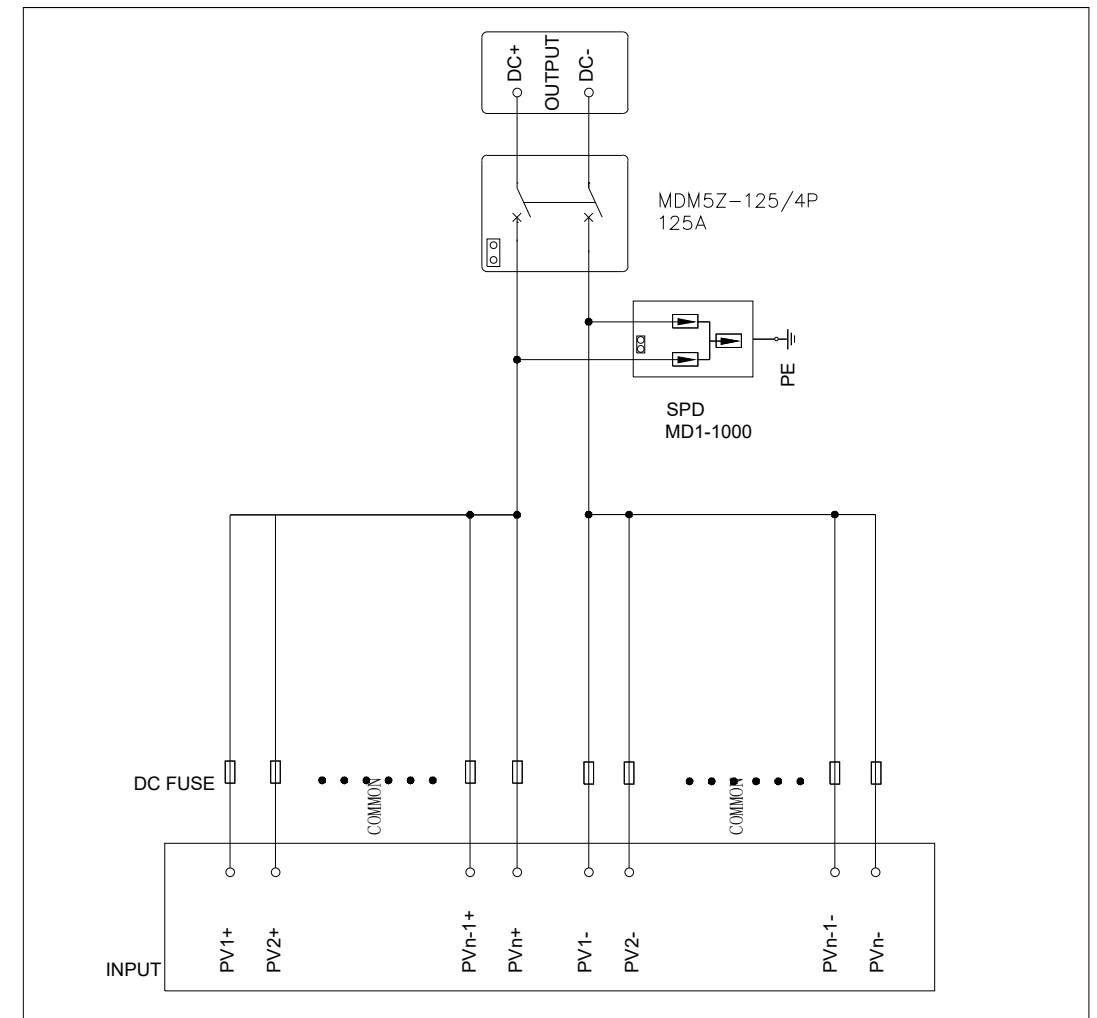
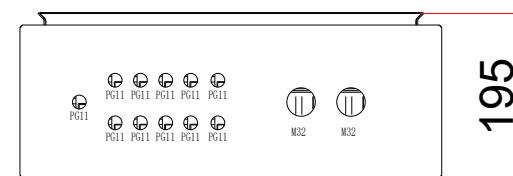
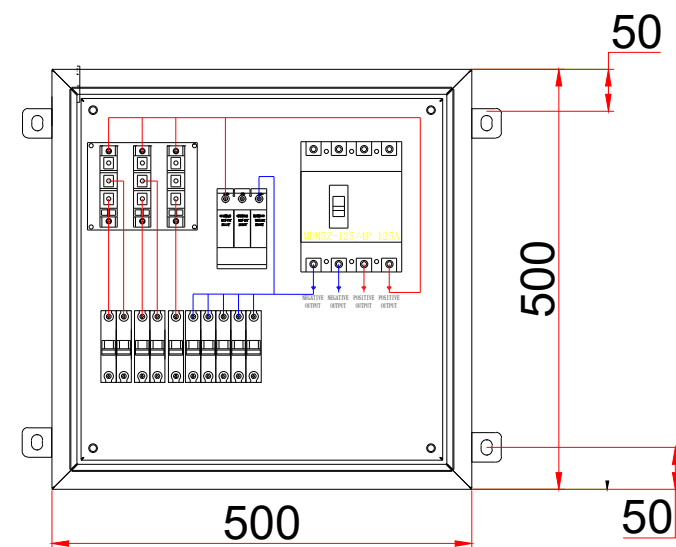
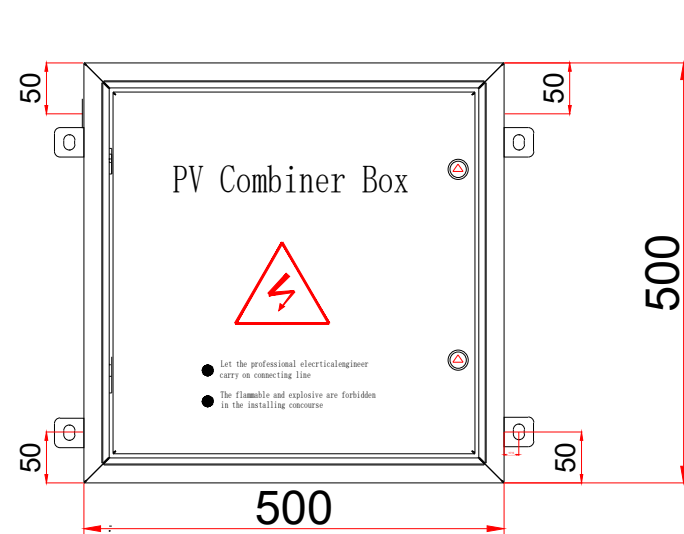
CABLE PIT

PLANS AND DOCUMENTS
referred to in the
SDA APPROVAL


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Government

SDA approval: AP2025/006

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														1	ISSUED FOR CONSTRUCTION	04/09/2025			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14					



PLANS AND DOCUMENTS
referred to in the
SDA APPROVAL



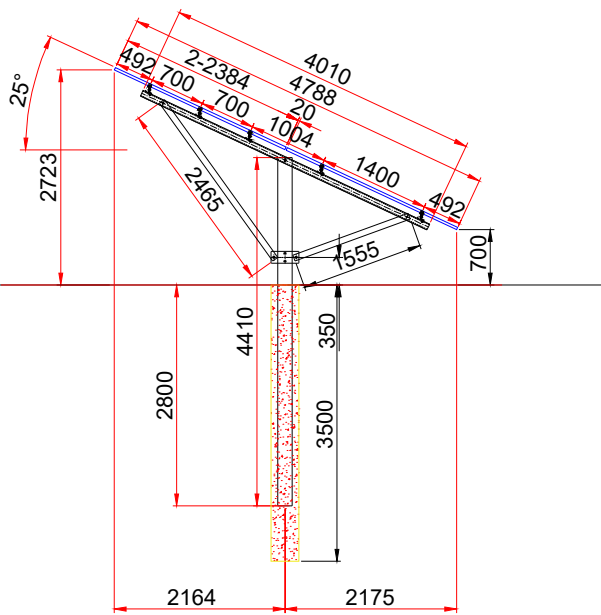
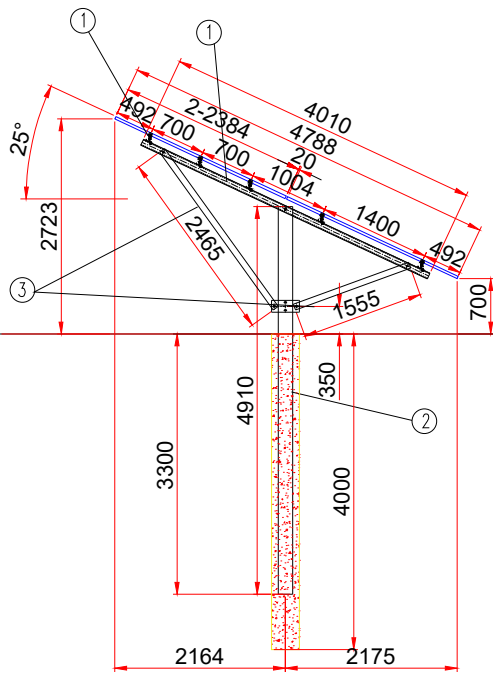
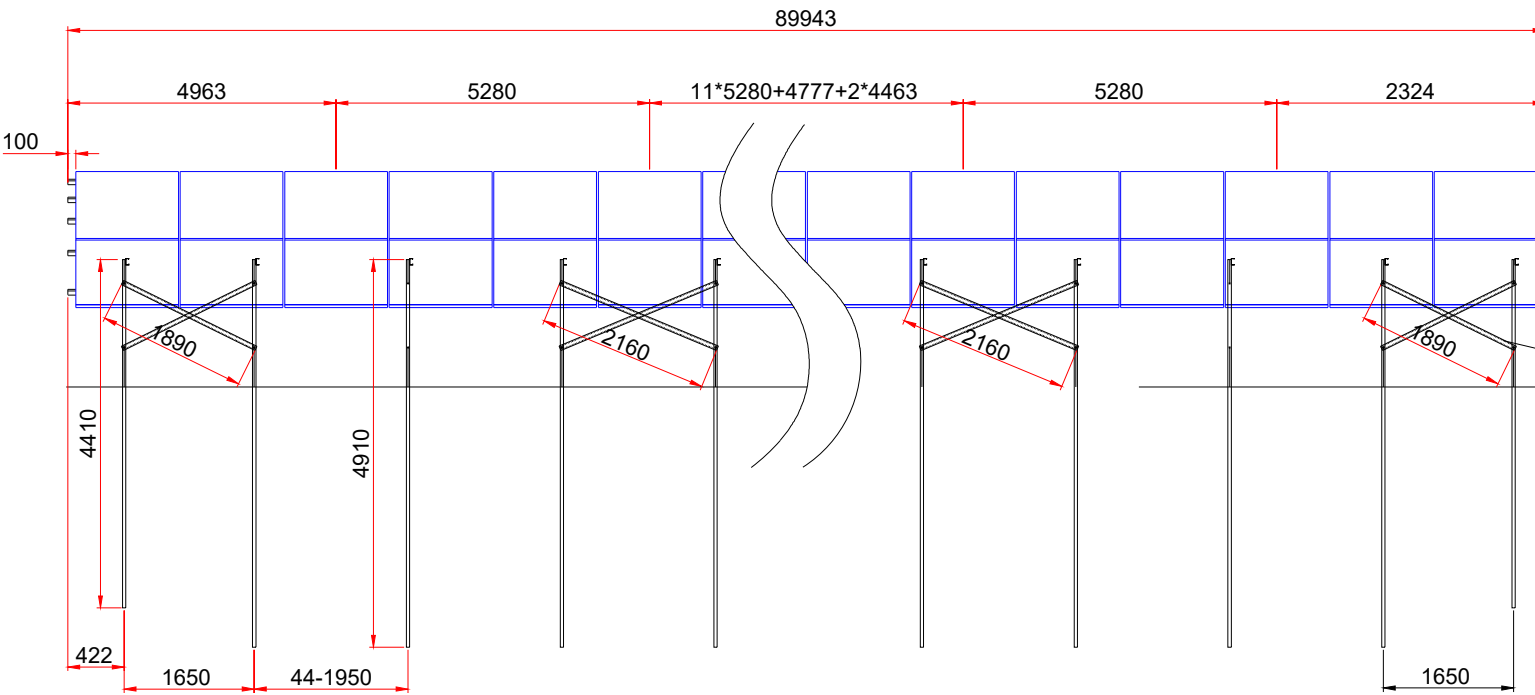
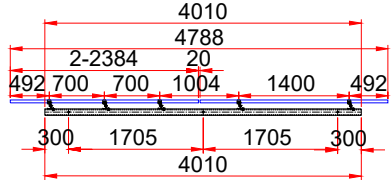
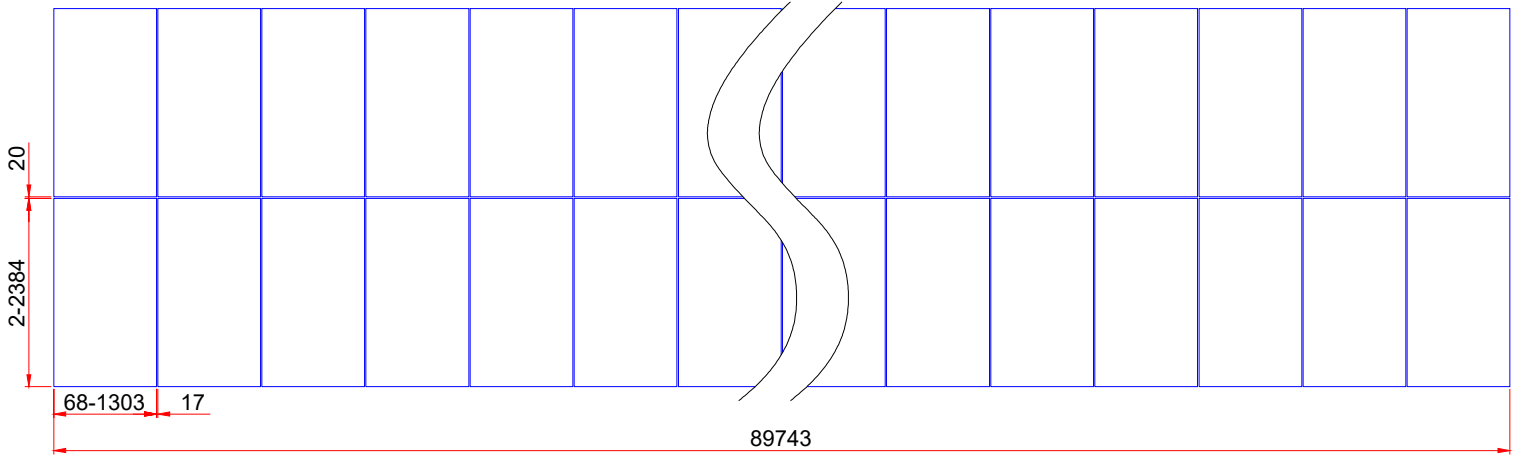
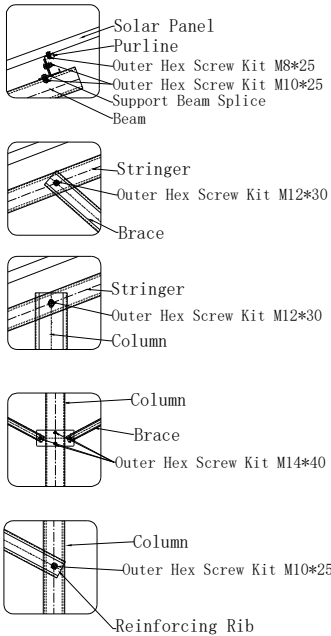
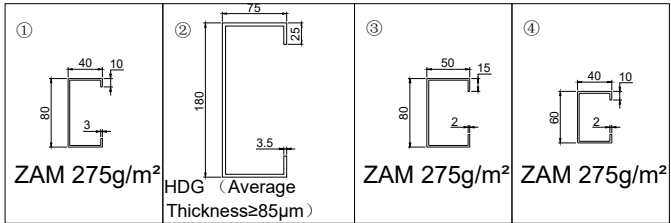
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												1	ISSUED FOR CONSTRUCTION		04/09/2025					
					PROJECT NUMBER: J3087															
						SITE ADDRESS: 96 Buss st. Burnett Heads QLD 4670			DWG NO:	J3087 - 0010										
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PLANS AND DOCUMENTS
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Technical information:
1. Module size is 2384x1303x33mm
2. Unit array is 2X68(136pcs)
3. Design wind speed is 69.3m/s
4. Design snow load is -kn/m²



KUGA ENERGY

T: 13 58 42
E: m.merluza@kuga.energy
W: www.13kuga.com.au

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CLIENT NAME: ETEX AUSTRALIA PTY LTD

PROJECT NUMBER: J3087

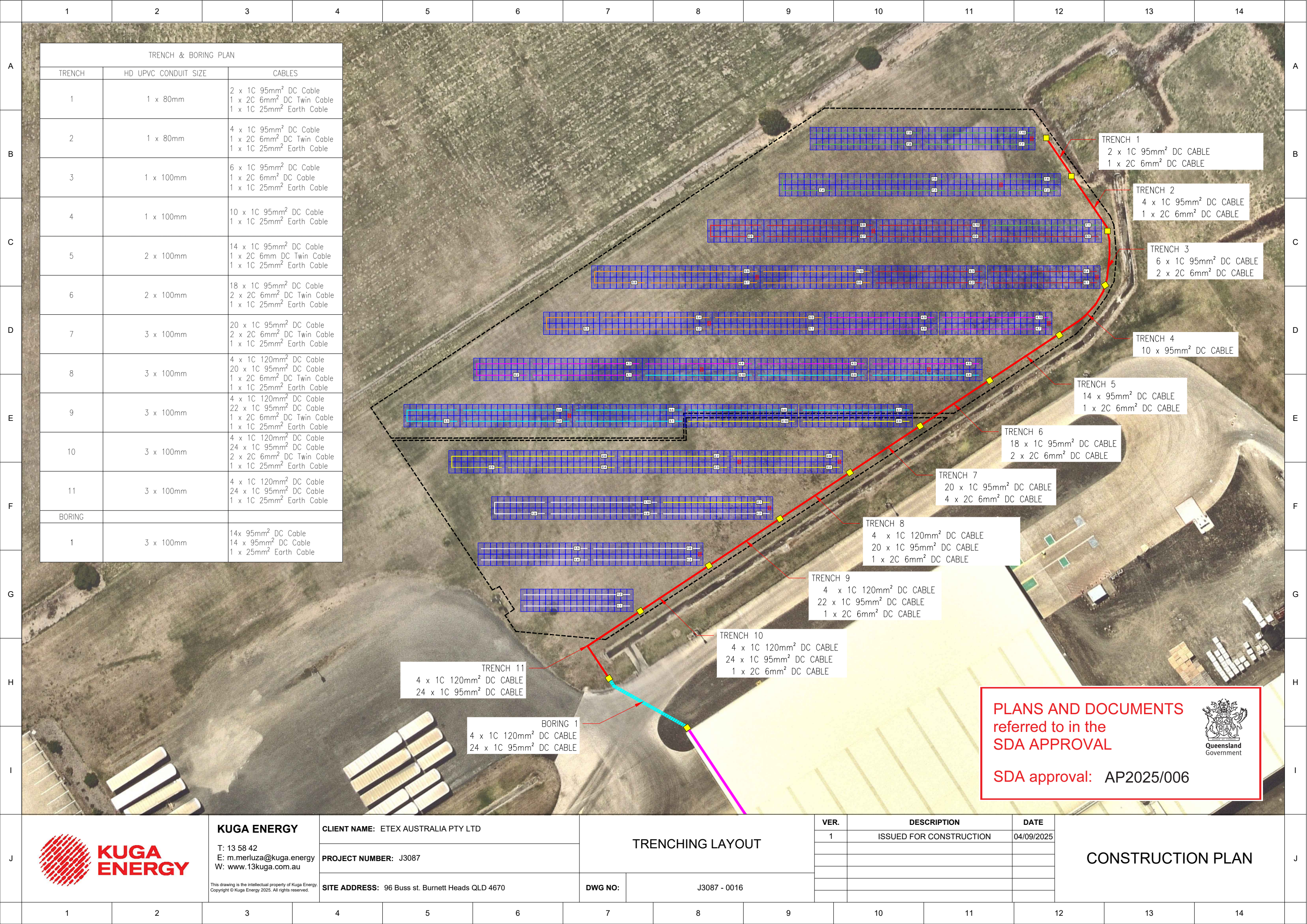
SITE ADDRESS: 96 Buss st. Burnett Heads QLD 4670

FIXED TILT SYSTEM DRAWING

DWG NO: J3087 - 0011

VER.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	04/09/2025

CONSTRUCTION PLAN



TRENCH & BORING PLAN		
TRENCH	HD UPVC CONDUIT SIZE	CABLES
1	1 x 80mm	2 x 1C 95mm ² DC Cable 1 x 2C 6mm ² DC Twin Cable 1 x 1C 25mm ² Earth Cable
2	1 x 80mm	4 x 1C 95mm ² DC Cable 1 x 2C 6mm ² DC Twin Cable 1 x 1C 25mm ² Earth Cable
3	1 x 100mm	6 x 1C 95mm ² DC Cable 1 x 2C 6mm ² DC Cable 1 x 1C 25mm ² Earth Cable
4	1 x 100mm	10 x 1C 95mm ² DC Cable 1 x 1C 25mm ² Earth Cable
5	2 x 100mm	14 x 1C 95mm ² DC Cable 1 x 2C 6mm DC Twin Cable 1 x 1C 25mm ² Earth Cable
6	2 x 100mm	18 x 1C 95mm ² DC Cable 2 x 2C 6mm ² DC Twin Cable 1 x 1C 25mm ² Earth Cable
7	3 x 100mm	20 x 1C 95mm ² DC Cable 2 x 2C 6mm ² DC Twin Cable 1 x 1C 25mm ² Earth Cable
8	3 x 100mm	4 x 1C 120mm ² DC Cable 20 x 1C 95mm ² DC Cable 1 x 2C 6mm ² DC Twin Cable 1 x 1C 25mm ² Earth Cable
9	3 x 100mm	4 x 1C 120mm ² DC Cable 22 x 1C 95mm ² DC Cable 1 x 2C 6mm ² DC Twin Cable 1 x 1C 25mm ² Earth Cable
10	3 x 100mm	4 x 1C 120mm ² DC Cable 24 x 1C 95mm ² DC Cable 2 x 2C 6mm ² DC Twin Cable 1 x 1C 25mm ² Earth Cable
11	3 x 100mm	4 x 1C 120mm ² DC Cable 24 x 1C 95mm ² DC Cable 1 x 1C 25mm ² Earth Cable
BORING		
1	3 x 100mm	14x 95mm ² DC Cable 14 x 95mm ² DC Cable 1 x 25mm ² Earth Cable

TRENCH 11
4 x 1C 120mm² DC CABLE
24 x 1C 95mm² DC CABLE

BORING 1
4 x 1C 120mm² DC CABLE
24 x 1C 95mm² DC CABLE

TRENCH 1
2 x 1C 95mm² DC CABLE
1 x 2C 6mm² DC CABLE

TRENCH 2
4 x 1C 95mm² DC CABLE
1 x 2C 6mm² DC CABLE

TRENCH 3
6 x 1C 95mm² DC CABLE
2 x 2C 6mm² DC CABLE

TRENCH 4
10 x 95mm² DC CABLE

TRENCH 5
14 x 95mm² DC CABLE
1 x 2C 6mm² DC CABLE

TRENCH 6
18 x 1C 95mm² DC CABLE
2 x 2C 6mm² DC CABLE

TRENCH 7
20 x 1C 95mm² DC CABLE
4 x 2C 6mm² DC CABLE

TRENCH 8
4 x 1C 120mm² DC CABLE
20 x 1C 95mm² DC CABLE
1 x 2C 6mm² DC CABLE

TRENCH 9
4 x 1C 120mm² DC CABLE
22 x 1C 95mm² DC CABLE
1 x 2C 6mm² DC CABLE

TRENCH 10
4 x 1C 120mm² DC CABLE
24 x 1C 95mm² DC CABLE
1 x 2C 6mm² DC CABLE

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PROJECT NUMBER: J3087

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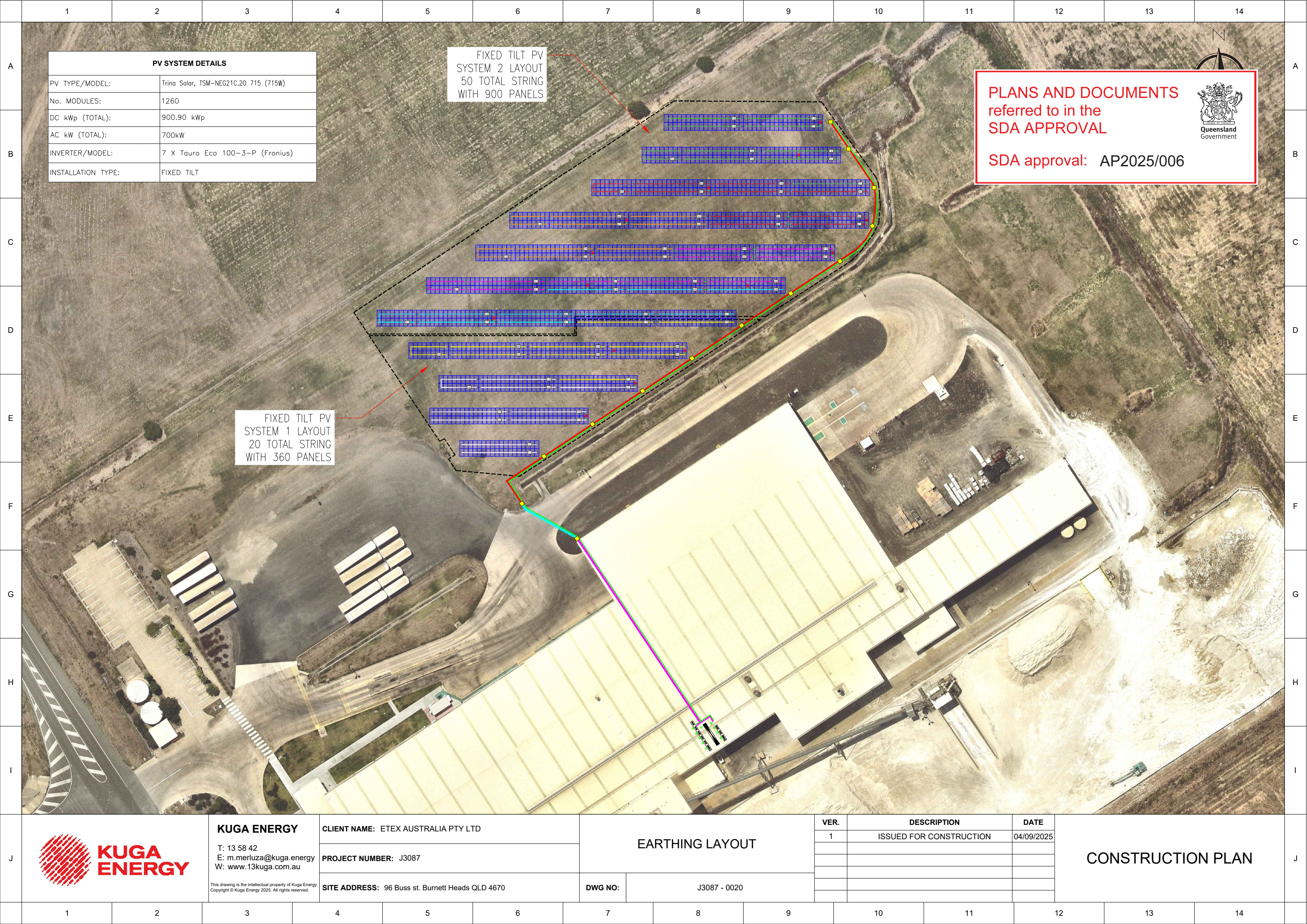
TRENCHING LAYOUT

DWG NO: J3087 - 0016

VER.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	04/09/2025

CONSTRUCTION PLAN

	1	2	3	4	5	6	7	8	9	10	11	12	13	14			
A	DC CABLE TRAY SCHEMATIC 300 4 x 95mm² DC CABLE 4 x 120mm² DC CABLE 1 x 25mm² EARTH CABLE 300 450 20 x 95mm² DC CABLE 450														A		
B															B		
C															C		
D															D		
E	INVERTER TO PVDB CABLE TRAY SCHEMATIC 450 2 x 4 x 1C 95mm² + E 450 450 5 x 4 x 1C 95mm² + E														E		
F	PVDB TO MSB CABLE TRAY SCHEMATIC 450 2 x 4 x 150mm² + E 450 450 A B C N © 5 x 4 x 300mm² + E														F		
G	450 450 450														G		
H	450 450 450														H		
I	450 450 450														I		
J	KUGA ENERGY		KUGA ENERGY T: 13 58 42 E: m.merluza@kuga.energy W: www.13kuga.com.au This drawing is the intellectual property of Kuga Energy. Copyright © Kuga Energy 2025. All rights reserved.	CLIENT NAME: ETEX AUSTRALIA PTY LTD PROJECT NUMBER: J3087 SITE ADDRESS: 96 Buss st. Burnett Heads QLD 4670		DWG NO: J3087 - 0018	CABLE TRAY			VER. 1	DESCRIPTION ISSUED FOR CONSTRUCTION	DATE 04/09/2025	CONSTRUCTION PLAN				J
	1	2	3	4	5	6	7	8	9	10	11	12	13	14			



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AC kW (TOTAL):	700kW
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FIXED TILT PV
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WITH 900 PANELS

FIXED TILT PV
SYSTEM 1 LAYOUT
20 TOTAL STRING
WITH 360 PANELS

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					PROJECT NUMBER: J3087							1	ISSUED FOR CONSTRUCTION		04/09/2025				
SITE ADDRESS: 96 Buss st. Burnett Heads QLD 4670			DWG NO:		J3087 - 0020														
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