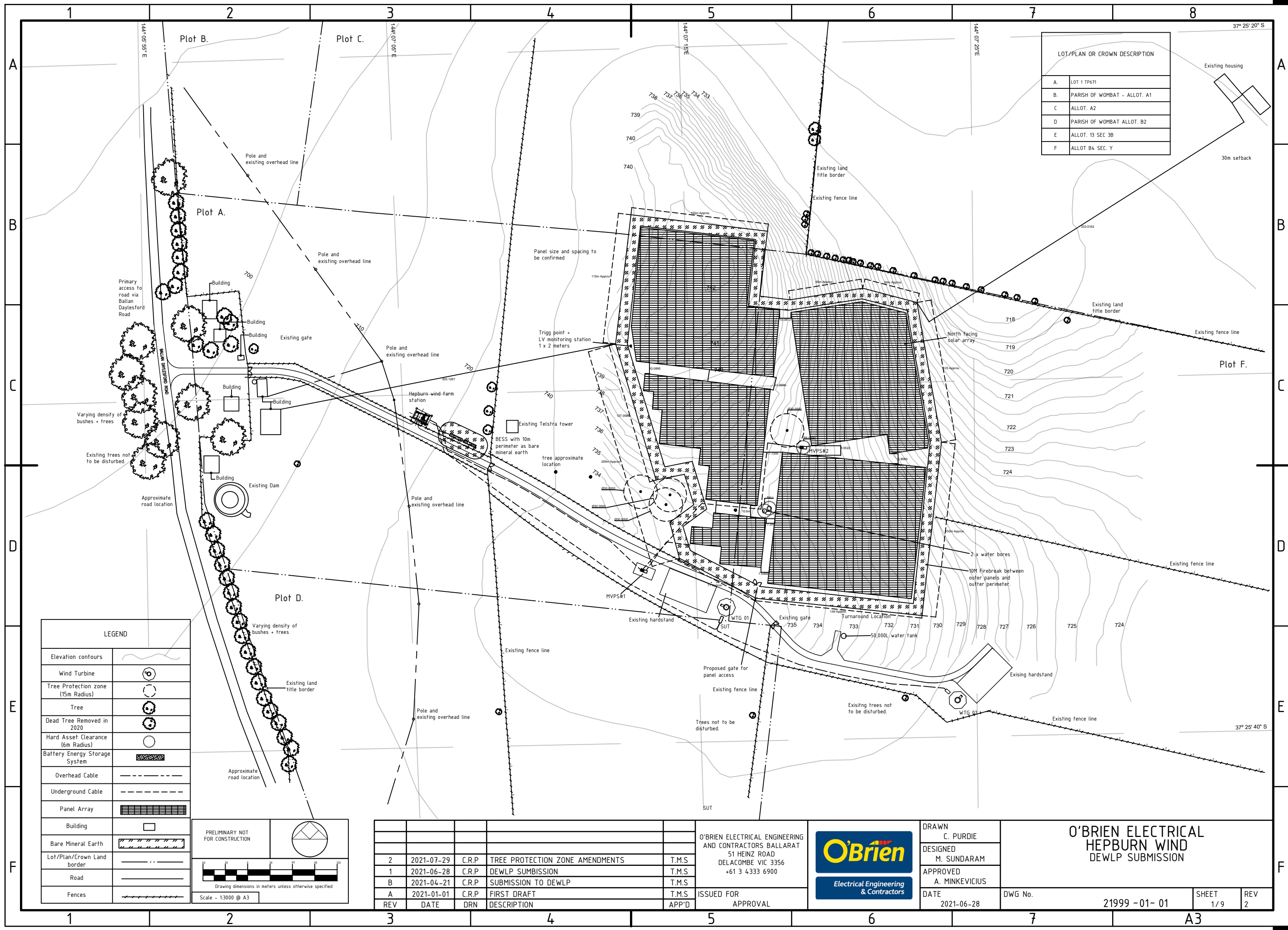


hepburn wind community energy

Hybrid Planning Permit | Attachment 8

Development Plans



LOT/PLAN OR CROWN DESCRIPTION	
A.	LOT 1 TP671
B.	PARISH OF WOMBAT - ALLOT. A1
C.	ALLOT. A2
D.	PARISH OF WOMBAT ALLOT. B2
E.	ALLOT. 13 SEC 3B
F.	ALLOT B4 SEC. Y

LEGEND	
Elevation contours	
Wind Turbine	
Tree Protection zone (15m Radius)	
Tree	
Dead Tree Removed in 2020	
Hard Asset Clearance (6m Radius)	
Battery Energy Storage System	
Overhead Cable	
Underground Cable	
Panel Array	
Building	
Bare Mineral Earth	
Lot/Plan/Crown Land border	
Road	
Fences	

PRELIMINARY NOT FOR CONSTRUCTION

Drawing dimensions in meters unless otherwise specified

Scale - 1:3000 @ A3

REV	DATE	DRN	DESCRIPTION	APP'D
2	2021-07-29	C.R.P	TREE PROTECTION ZONE AMENDMENTS	T.M.S
1	2021-06-28	C.R.P	DEWLP SUBMISSION	T.M.S
B	2021-04-21	C.R.P	SUBMISSION TO DEWLP	T.M.S
A	2021-01-01	C.R.P	FIRST DRAFT	T.M.S

O'BRIEN ELECTRICAL ENGINEERING AND CONTRACTORS BALLARAT
51 HEINZ ROAD
DELACOMBE VIC 3356
+61 3 4333 6900



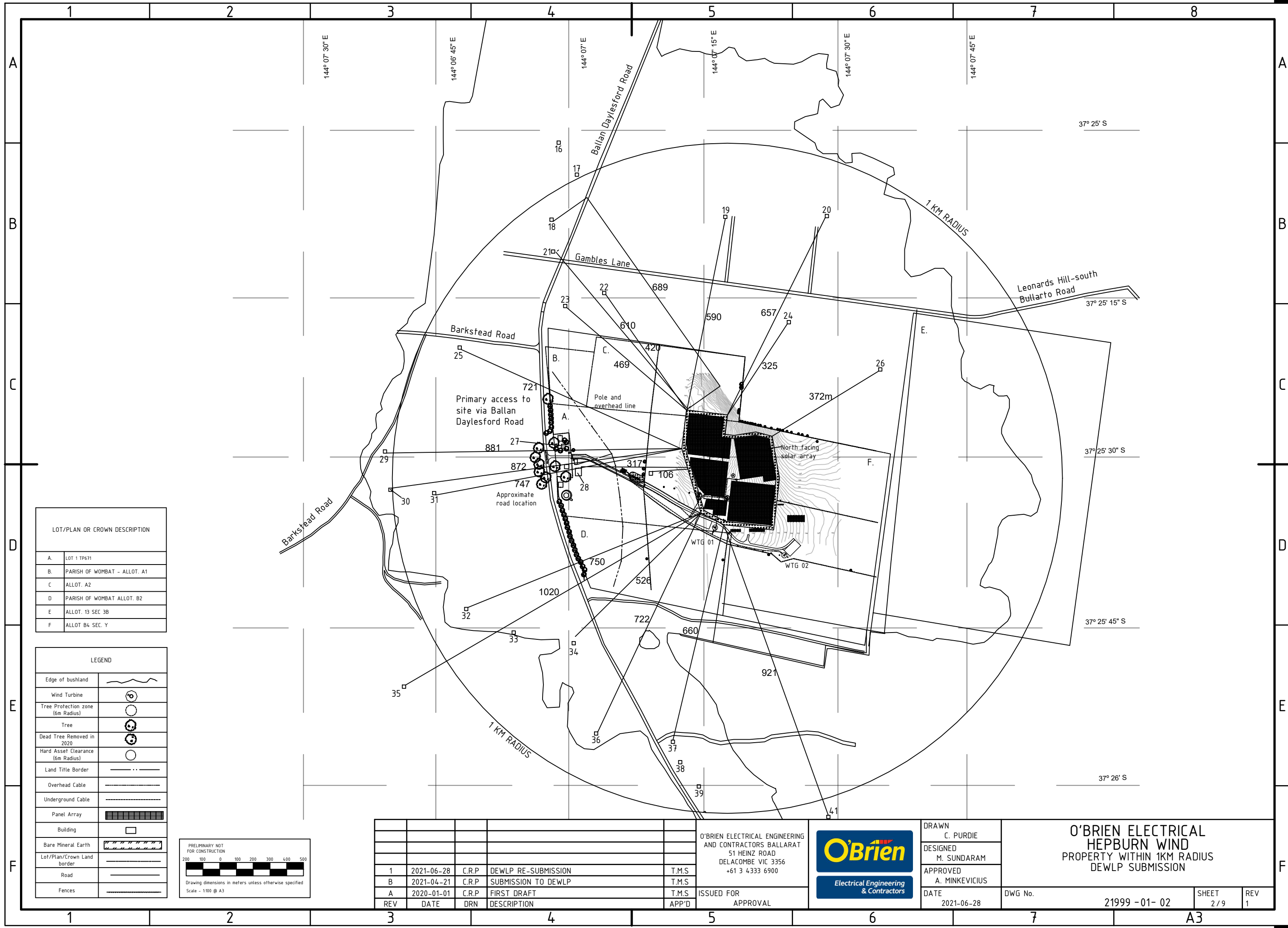
DRAWN	C. PURDIE
DESIGNED	M. SUNDARAM
APPROVED	A. MINKEVICIUS
DATE	2021-06-28

O'BRIEN ELECTRICAL
HEPBURN WIND
DEWLP SUBMISSION

DWG No. 21999 -01- 01

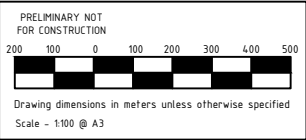
SHEET 1/9

REV 2



LOT/PLAN OR CROWN DESCRIPTION	
A.	LOT 1 TP671
B.	PARISH OF WOMBAT - ALLOT. A1
C.	ALLOT. A2
D.	PARISH OF WOMBAT ALLOT. B2
E.	ALLOT. 13 SEC 3B
F.	ALLOT B4 SEC. Y

LEGEND	
Edge of bushland	
Wind Turbine	
Tree Protection zone (6m Radius)	
Tree	
Dead Tree Removed in 2020	
Hard Asset (clearance 6m Radius)	
Land Title Border	
Overhead Cable	
Underground Cable	
Panel Array	
Building	
Bare Mineral Earth	
Lot/Plan/Crown Land border	
Road	
Fences	



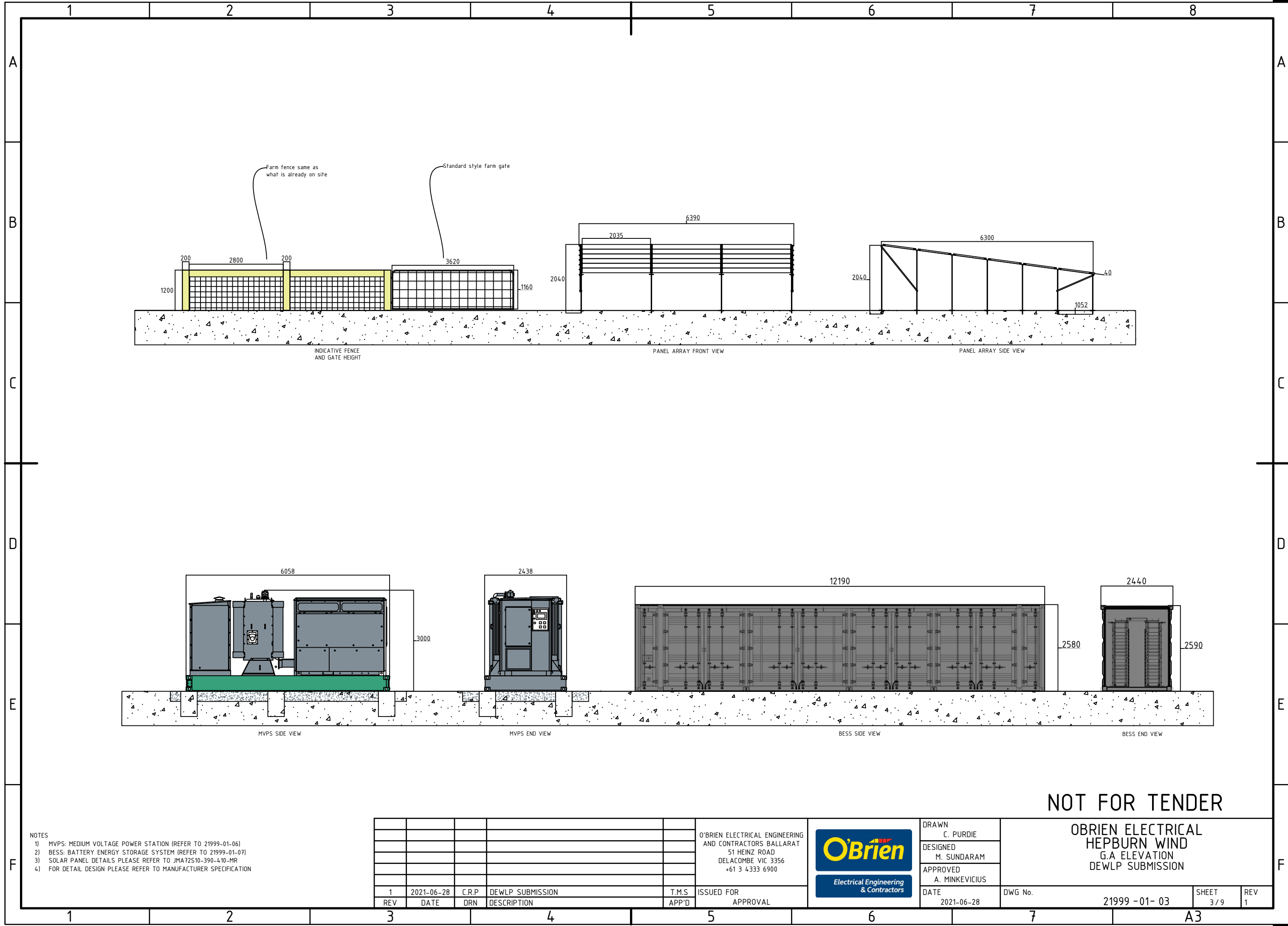
REV	DATE	DRN	DESCRIPTION	APP'D
1	2021-06-28	C.R.P	DEWLP RE-SUBMISSION	T.M.S
B	2021-04-21	C.R.P	SUBMISSION TO DEWLP	T.M.S
A	2020-01-01	C.R.P	FIRST DRAFT	T.M.S

O'BRIEN ELECTRICAL ENGINEERING
AND CONTRACTORS BALLARAT
51 HEINZ ROAD
DELACOMBE VIC 3356
+61 3 4333 6900



DRAWN	C. PURDIE
DESIGNED	M. SUNDARAM
APPROVED	A. MINKEVICIUS
DATE	2021-06-28

O'BRIEN ELECTRICAL HEPBURN WIND PROPERTY WITHIN 1KM RADIUS DEWLP SUBMISSION			
DWG No.	21999 -01- 02	SHEET	REV
		2 / 9	1



- NOTES
- 1) MVPS: MEDIUM VOLTAGE POWER STATION (REFER TO 21999-01-06)
 - 2) BESS: BATTERY ENERGY STORAGE SYSTEM (REFER TO 21999-01-07)
 - 3) SOLAR PANEL DETAILS PLEASE REFER TO JMA72S10-390-410-MR
 - 4) FOR DETAIL DESIGN PLEASE REFER TO MANUFACTURER SPECIFICATION

1	2021-06-28	C.R.P	DEWLP SUBMISSION	T.M.S
REV	DATE	DRN	DESCRIPTION	APP'D

O'BRIEN ELECTRICAL ENGINEERING
AND CONTRACTORS BALLARAT
51 HEINZ ROAD
DELACOMBE VIC 3356
+61 3 4333 6900

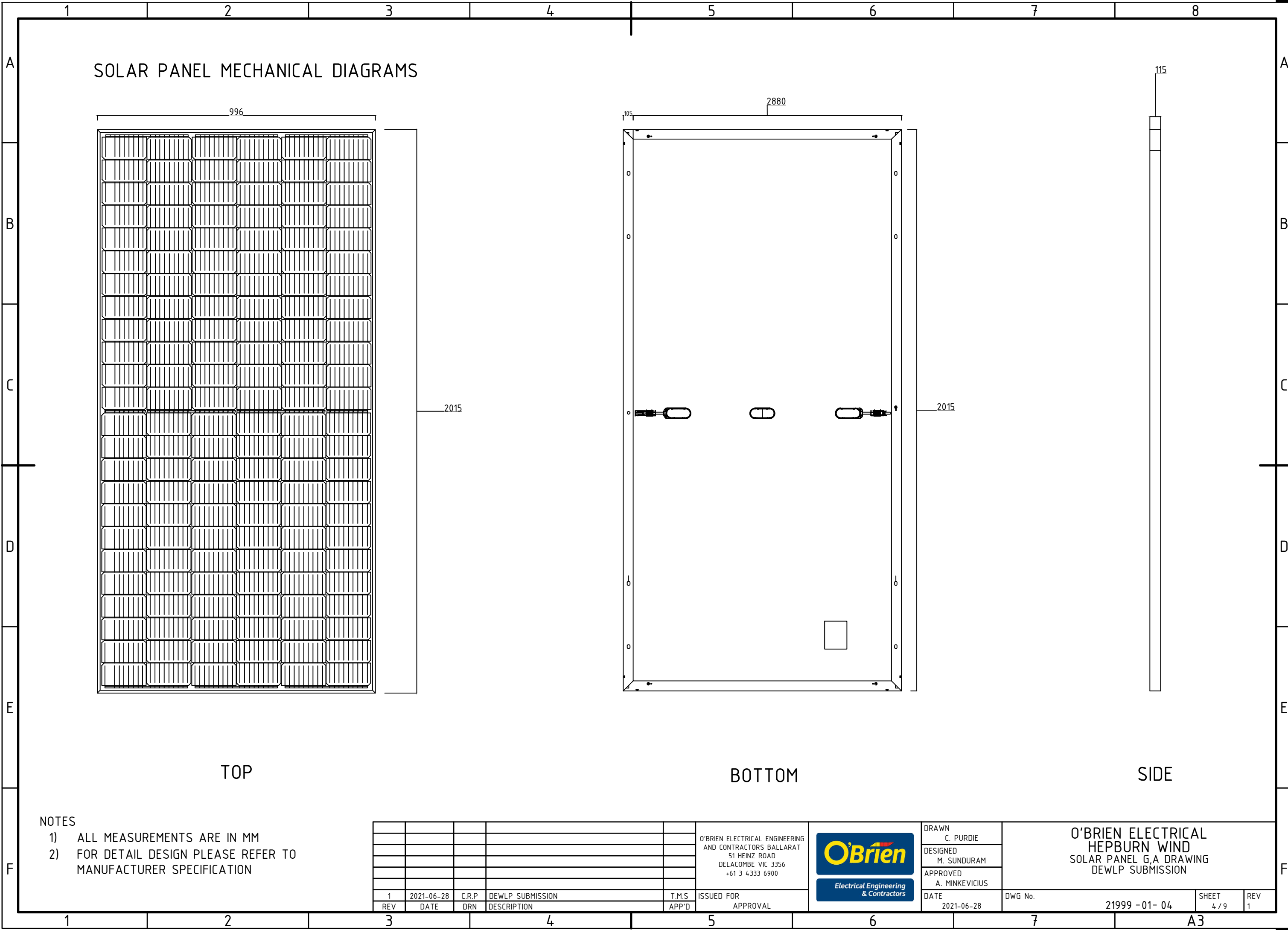


DRAWN
C. PURDIE
DESIGNED
M. SUNDARAM
APPROVED
A. MINKEVICIUS
DATE
2021-06-28

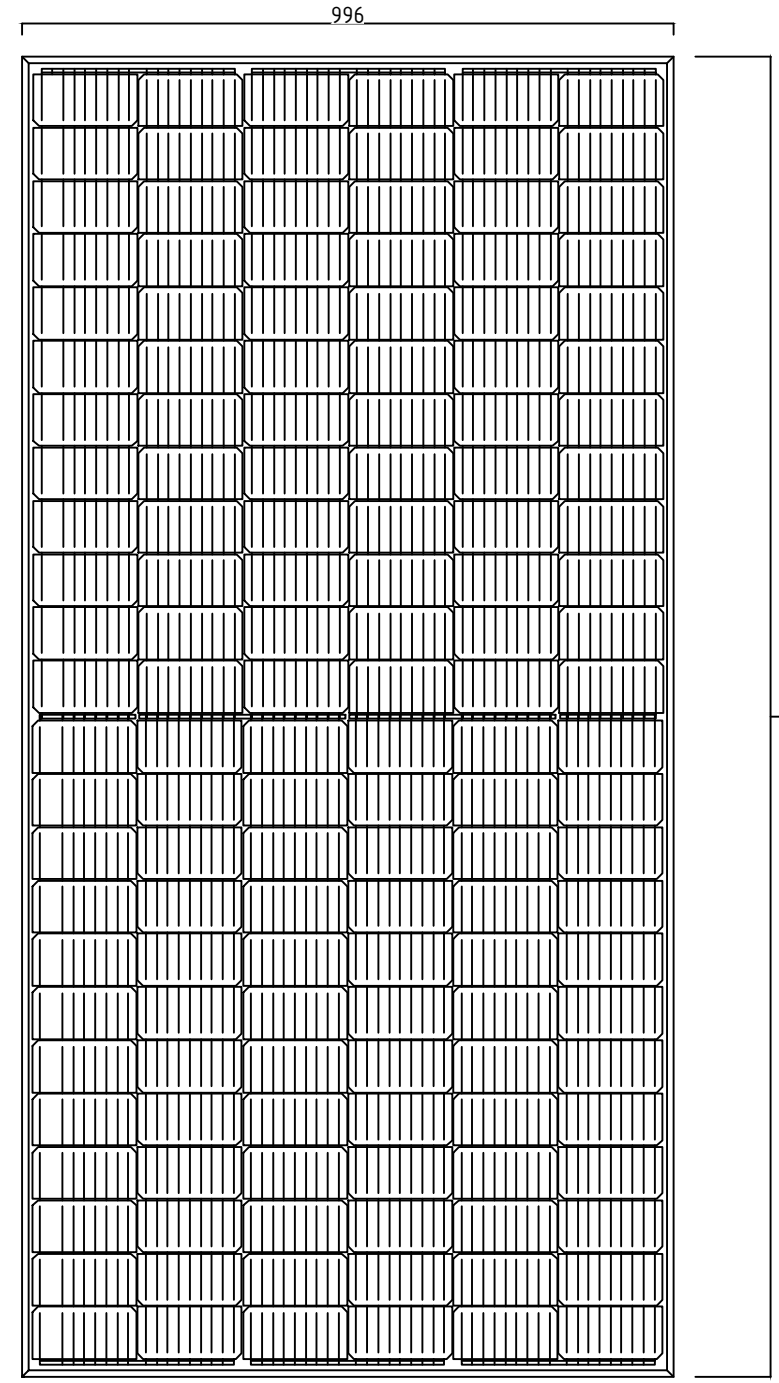
NOT FOR TENDER

OBRIEN ELECTRICAL
HEPBURN WIND
G.A ELEVATION
DEWLP SUBMISSION

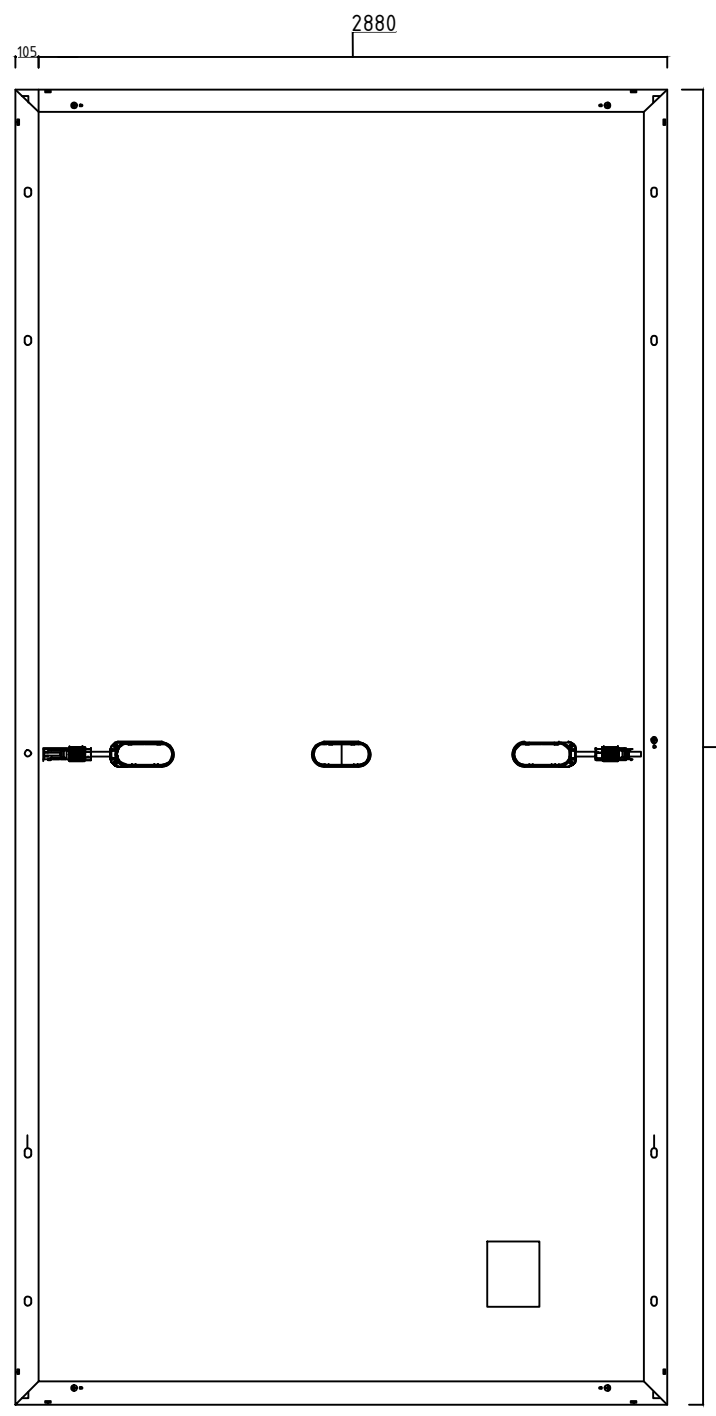
DWG No.	21999 -01- 03	SHEET 3 / 9	REV 1
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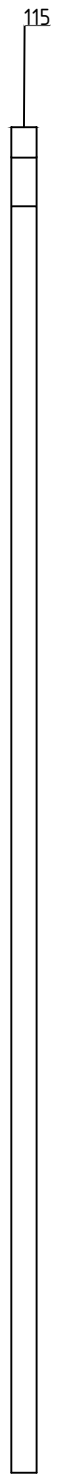
SOLAR PANEL MECHANICAL DIAGRAMS



TOP



BOTTOM



SIDE

NOTES

- 1) ALL MEASUREMENTS ARE IN MM
- 2) FOR DETAIL DESIGN PLEASE REFER TO MANUFACTURER SPECIFICATION

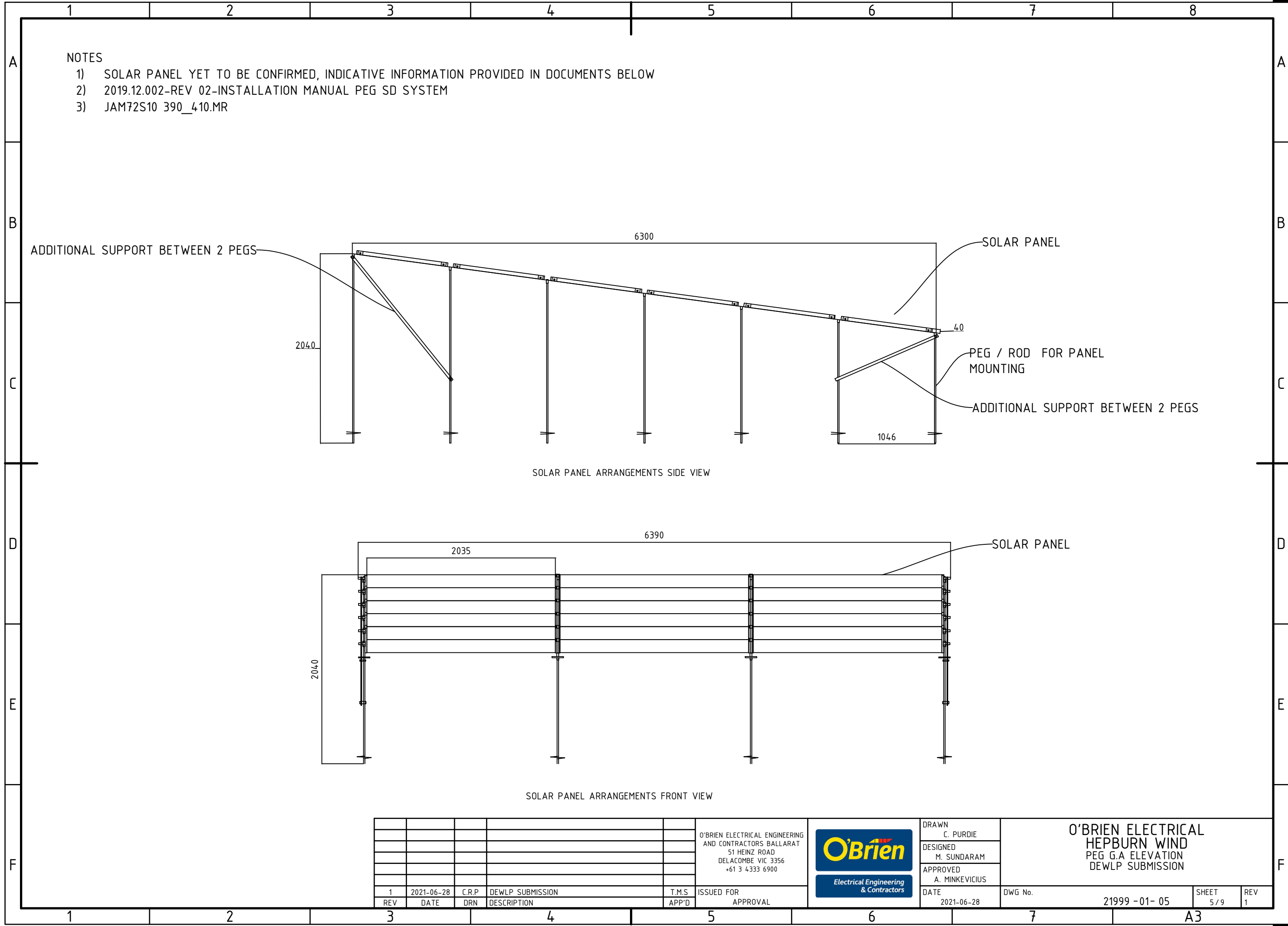
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REV	DATE	DRN	DESCRIPTION	APP'D

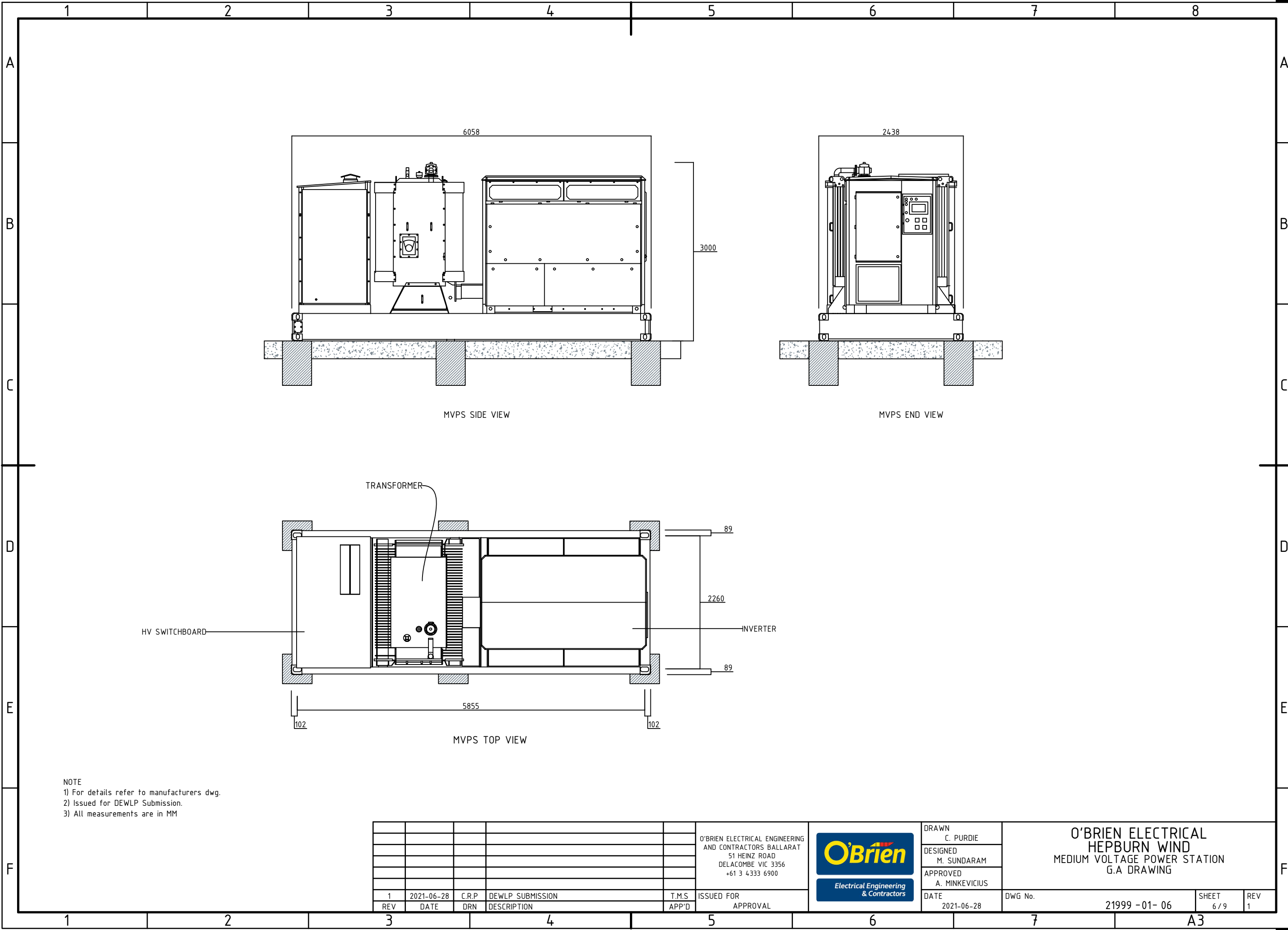
O'BRIEN ELECTRICAL ENGINEERING
AND CONTRACTORS BALLARAT
51 HEINZ ROAD
DELACOMBE VIC 3356
+61 3 4333 6900



DRAWN C. PURDIE
DESIGNED M. SUNDURAM
APPROVED A. MINKEVICIUS
DATE 2021-06-28

O'BRIEN ELECTRICAL HEPBURN WIND SOLAR PANEL G,A DRAWING DEWLP SUBMISSION			
DWG No.	21999 -01- 04	SHEET 4 / 9	REV 1





NOTE
1) For details refer to manufacturers dwg.
2) Issued for DEWLP Submission.
3) All measurements are in MM

1	2021-06-28	C.R.P	DEWLP SUBMISSION	T.M.S	ISSUED FOR
REV	DATE	DRN	DESCRIPTION	APP'D	APPROVAL

O'BRIEN ELECTRICAL ENGINEERING
AND CONTRACTORS BALLARAT
51 HEINZ ROAD
DELACOMBE VIC 3356
+61 3 4333 6900

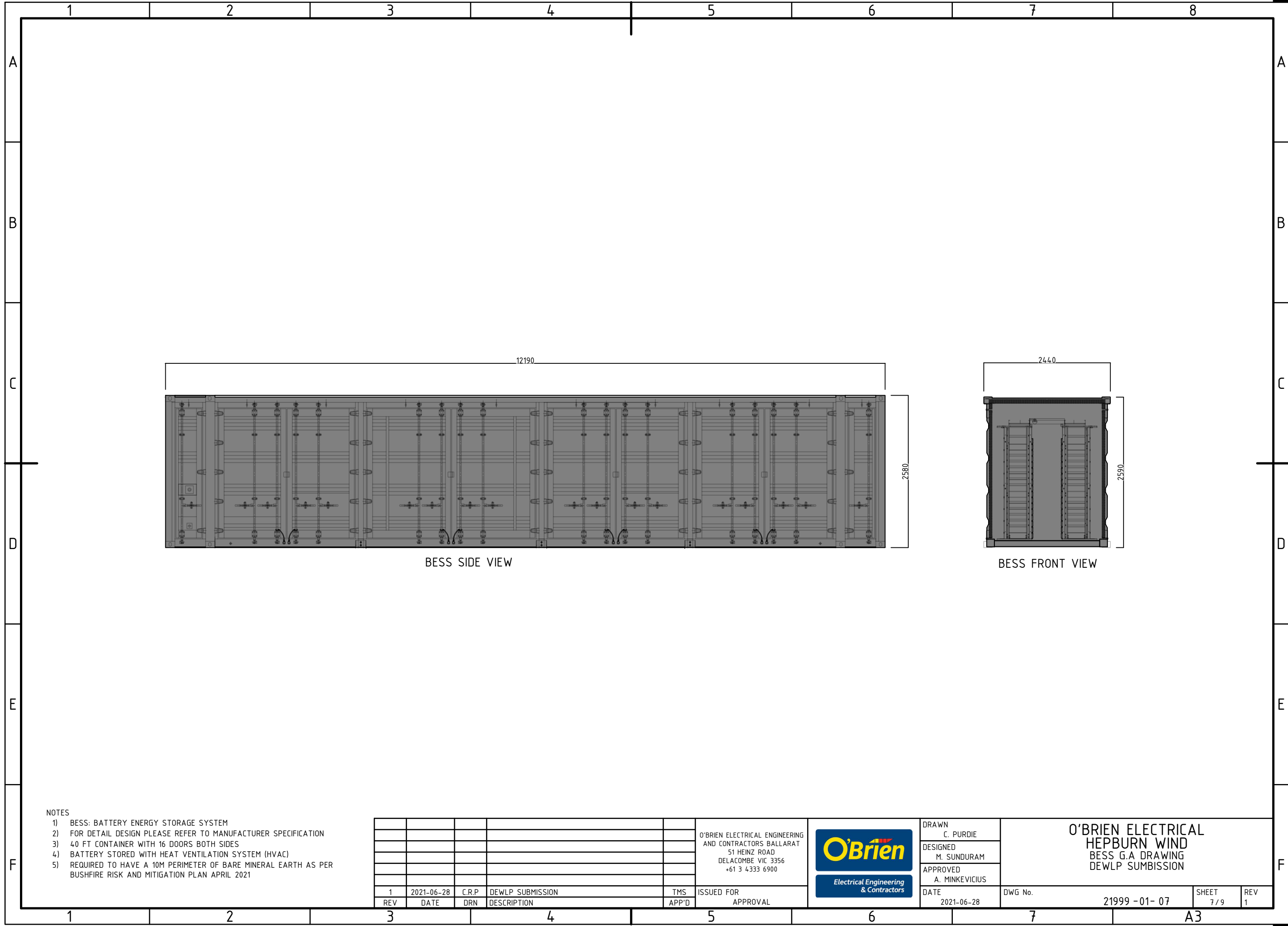


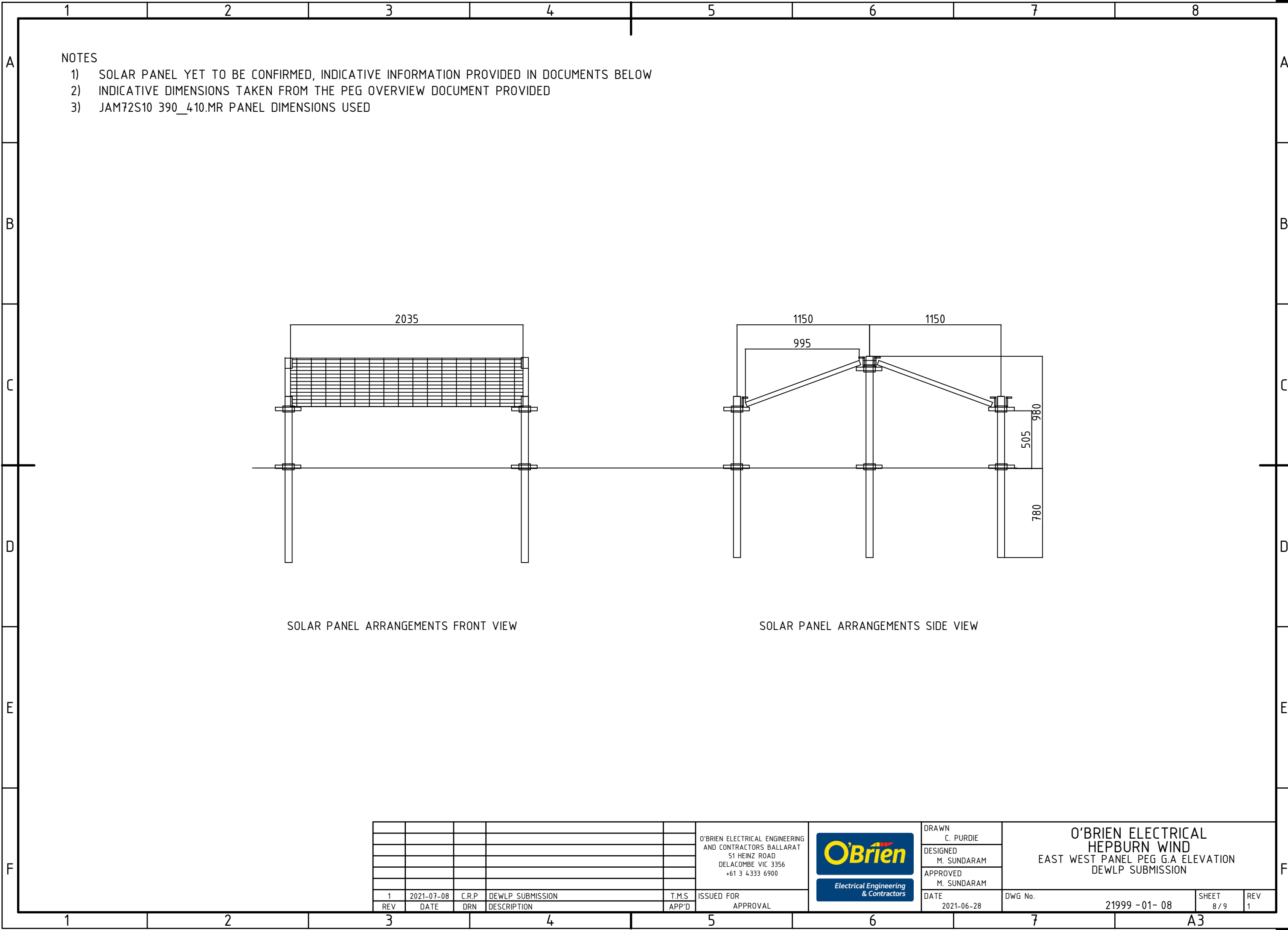
DRAWN
C. PURDIE
DESIGNED
M. SUNDARAM
APPROVED
A. MINKEVICIUS
DATE
2021-06-28

O'BRIEN ELECTRICAL
HEPBURN WIND
MEDIUM VOLTAGE POWER STATION
G.A DRAWING

DWG No. 21999 -01- 06 SHEET 6 / 9 REV 1

A3





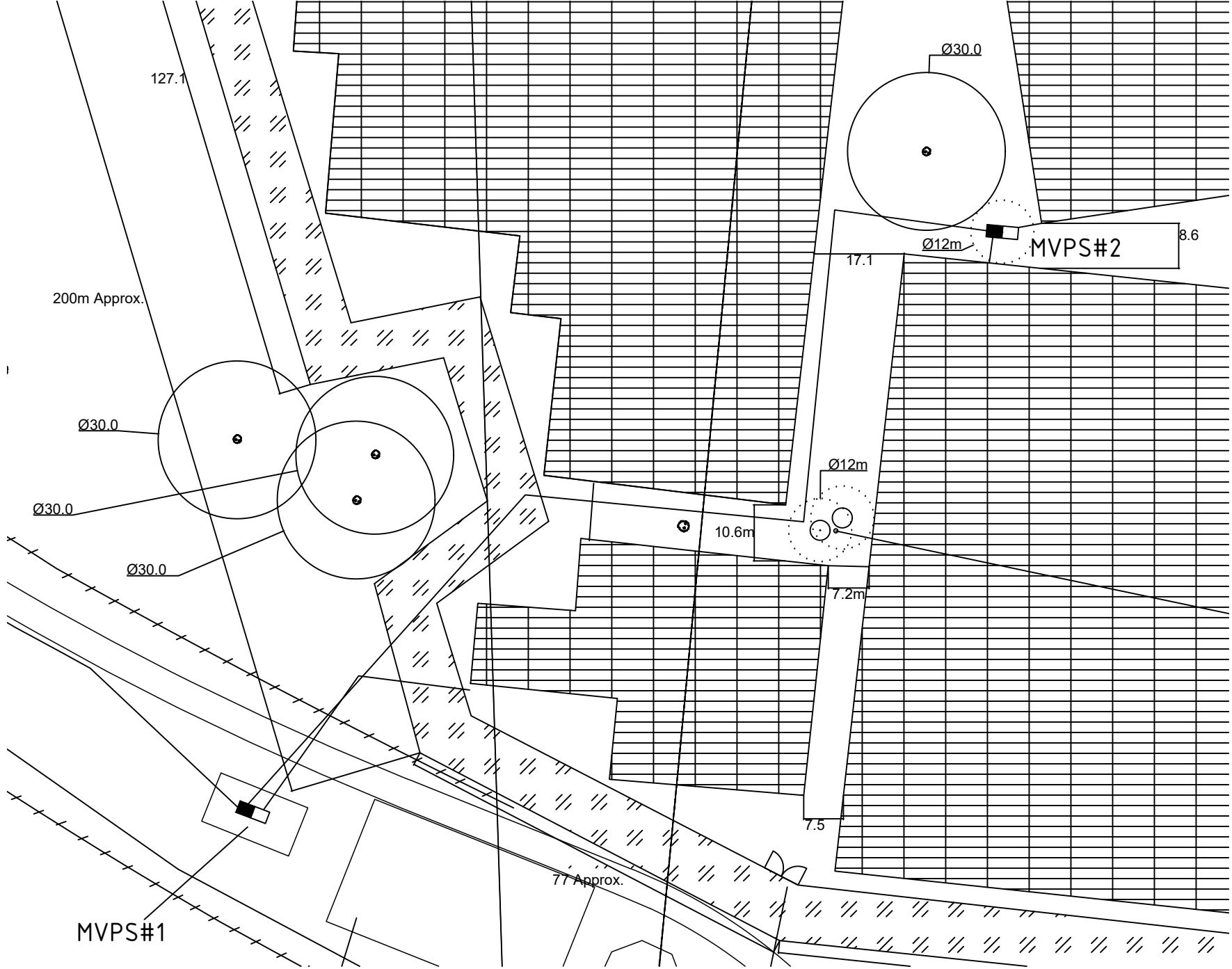
- NOTES
- 1) SOLAR PANEL YET TO BE CONFIRMED, INDICATIVE INFORMATION PROVIDED IN DOCUMENTS BELOW
 - 2) INDICATIVE DIMENSIONS TAKEN FROM THE PEG OVERVIEW DOCUMENT PROVIDED
 - 3) JAM72S10 390_410.MR PANEL DIMENSIONS USED

SOLAR PANEL ARRANGEMENTS FRONT VIEW

SOLAR PANEL ARRANGEMENTS SIDE VIEW

						O'BRIEN ELECTRICAL ENGINEERING AND CONTRACTORS BALLARAT 51 HEINZ ROAD DELACOMBE VIC 3356 +61 3 4333 6900	 Electrical Engineering & Contractors	DRAWN C. PURDIE	O'BRIEN ELECTRICAL HEPBURN WIND EAST WEST PANEL PEG G.A ELEVATION DEWLP SUBMISSION			
								DESIGNED M. SUNDARAM				
								APPROVED M. SUNDARAM				
1	2021-07-08	C.R.P	DEWLP SUBMISSION	T.M.S	ISSUED FOR			DATE 2021-06-28	DWG No.	21999 -01- 08	SHEET 8 / 9	REV 1
REV	DATE	DRN	DESCRIPTION	APP'D	APPROVAL							

Note:
1) Estimated position of trunk locations from the provided KMZ file
2) 15 meter tree protection zones calculated as per AS-4907 with up to 10% of minor encroachment allowable



LEGEND	
Elevation contours	
Wind Turbine	
Tree Protection zone (15m Radius)	
Tree	
Dead Tree Removed in 2020	
Hard Asset Clearance (6m Radius)	
Battery Energy Storage System	
Overhead Cable	
Underground Cable	
Panel Array	
Building	
Bare Mineral Earth	
Lot/Plan/Crown Land border	
Road	
Fences	

				O'BRIEN ELECTRICAL ENGINEERING AND CONTRACTORS BALLARAT 51 HEINZ ROAD DELACOMBE VIC 3356 +61 3 4333 6900		 Electrical Engineering & Contractors		DRAWN C. PURDIE DESIGNED M. SUNDARAM APPROVED A. MINKEVICIUS DATE 2021-08-03		O'BRIEN ELECTRICAL HEPBURN WIND TREE PROTECTION ZONE DETAILS	
1	2021-08-03	C.R.P.	SUBMISSION TO DEWLP	T.M.S.	ISSUED FOR			DWG No.		21999 -01- 09	
REV	DATE	DRN	DESCRIPTION	APP'D	APPROVAL			SHEET 9/9		REV 1	