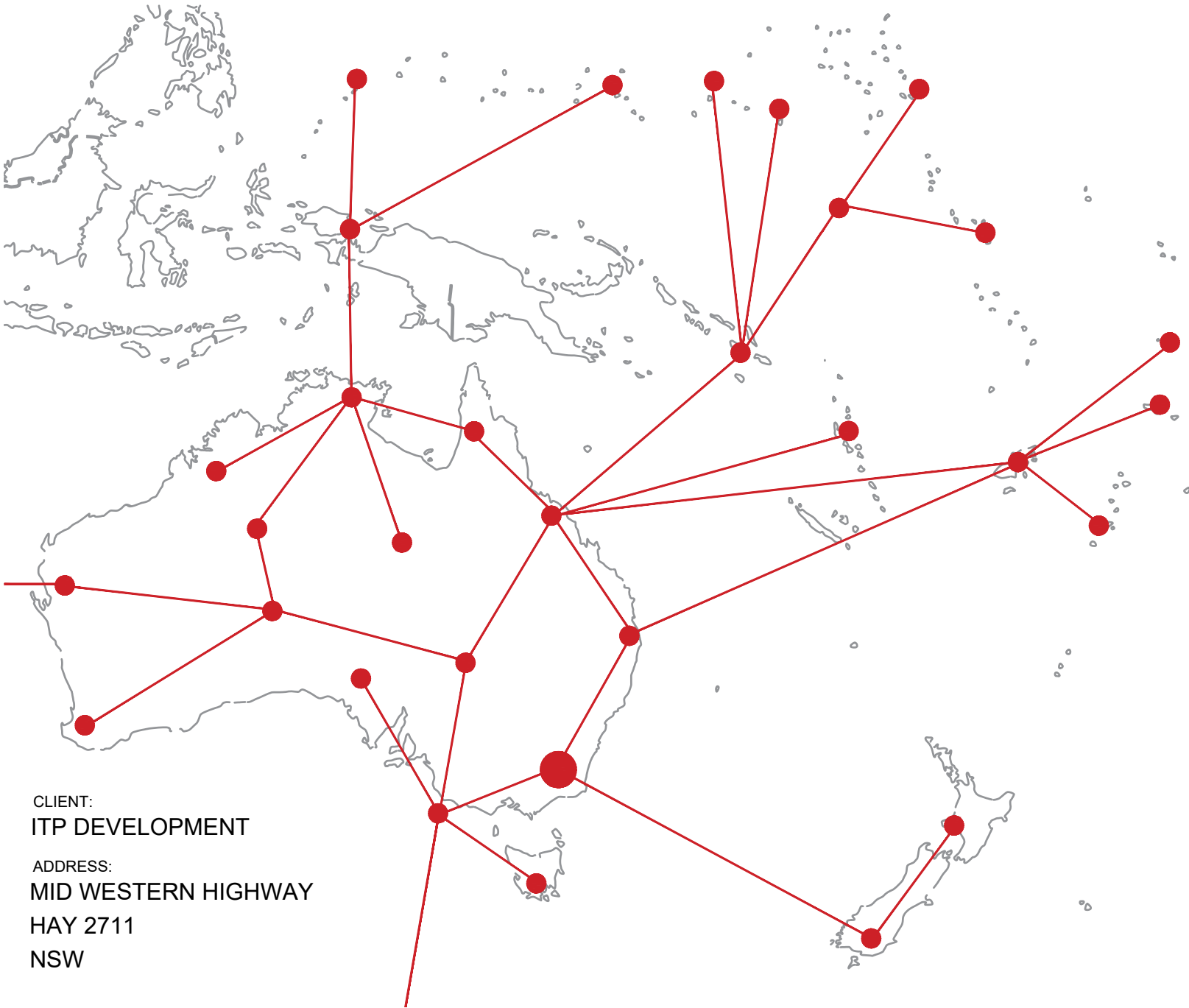


# HAY 2A SOLAR FARM

## HAY2A - DEVELOPMENT APPLICATION

Sheet List Table

SHEET NUMBER	SHEET TITLE
G-010	MAIN TITLE SHEET
G-040	LOCATION PLAN
G-210	GENERAL ARRANGEMENT PLAN
G-211	SITE BOUNDARY SET BACKS
C-120	SITE ELEVATIONS
C-430	INVERTER FOOTING DETAIL
C-530	TYPICAL FENCING DETAIL
C-630	ROAD DETAIL
C-710	LANDSCAPE PLAN
E-340	ARRAY DETAIL
E-430	INVERTER STATION DETAIL
E-530	BESS DETAIL



CLIENT:  
ITP DEVELOPMENT

ADDRESS:  
MID WESTERN HIGHWAY  
HAY 2711  
NSW



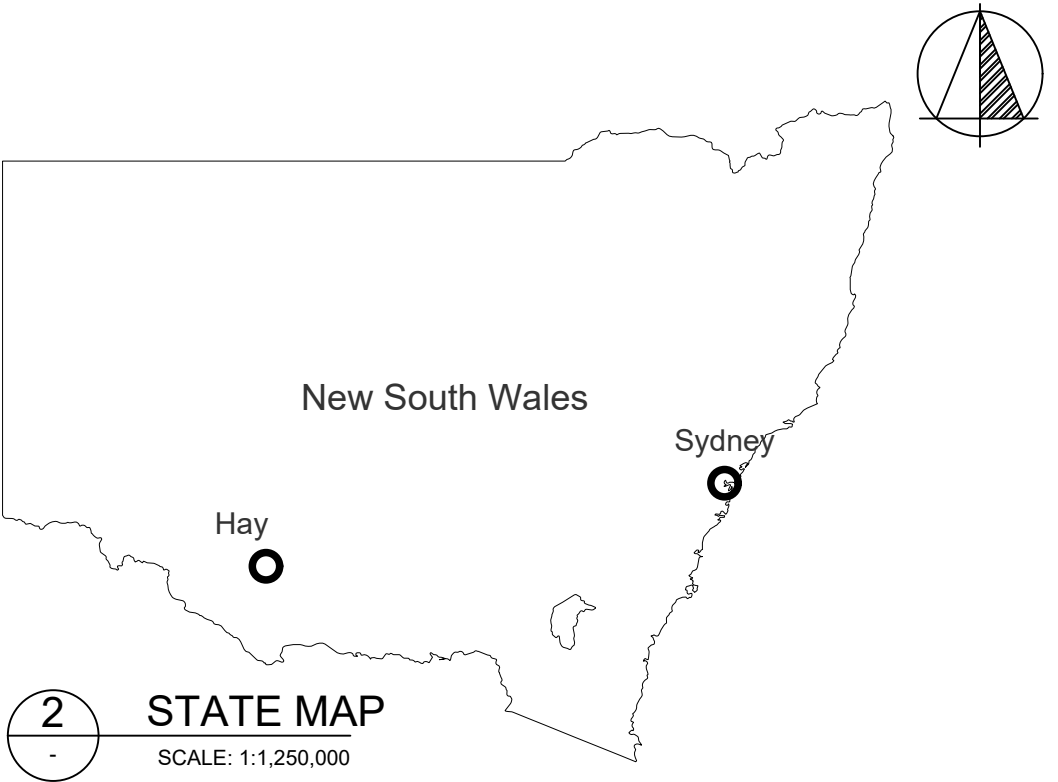
RENEWABLES

Level 1, 19-23 Moore St, Turner ACT 2612  
PO Box 6127, O'Connor ACT 2602  
info@itpau.com.au

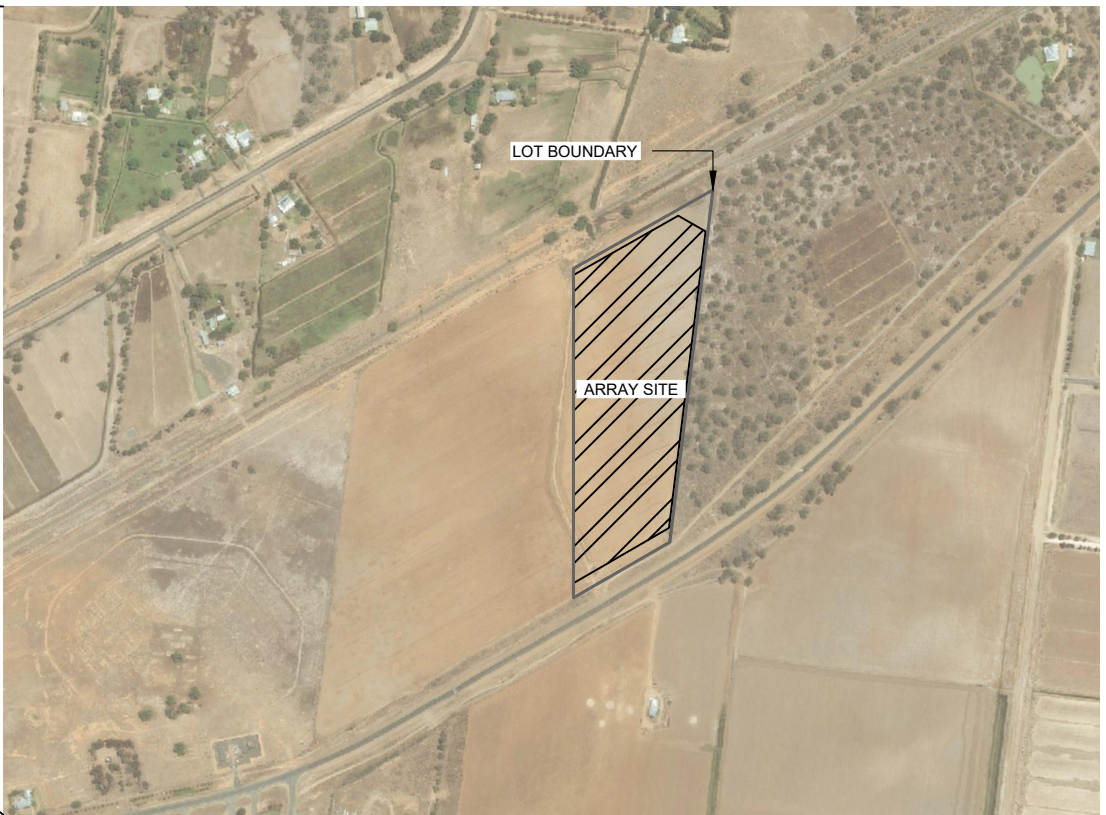
abn 42 107 351 673  
p +61 (0) 2 6257 3511  
f +61 (0) 2 6257 6511

itpau.com.au IT Power (Australia)






2 STATE MAP  
SCALE: 1:1,250,000

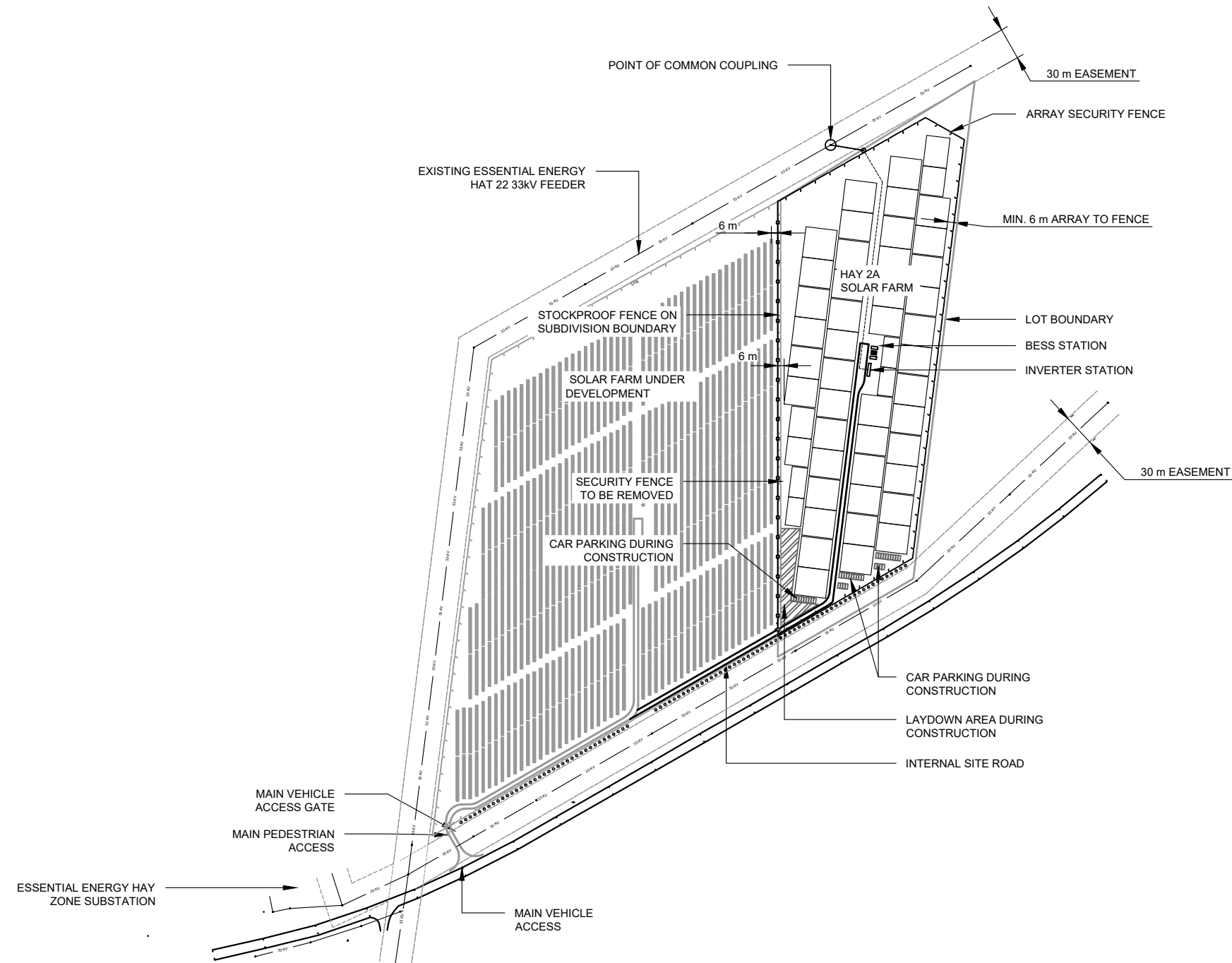
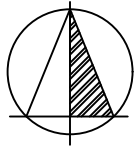


3 LOCATION PLAN  
SCALE: 1:10,000

DEVELOPMENT APPLICATION

NO.	STAGE	DATE	NOTES	PARTNERS				
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19			<div><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	<div><div><div>DRAWN NL</div><div>CHECKED MPOR</div><div>APPROVED KB</div></div><div>DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.</div><div>THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.</div></div>	<div><div>DRAWING LOCATION PLAN</div><div>----</div><div>PROJECT HAY 2A SOLAR FARM</div><div>CLIENT ITP DEVELOPMENT</div><div>ADDRESS MID WESTERN HIGHWAY HAY 2711, NSW</div><div>DRAWING NO. HAY2A-G-040</div></div>	<div><div>SCALE AS NOTED</div><div>SHEET SIZE A3</div><div>ORIG. DATE 16/12/19</div><div>REV. DATE 20/12/19</div><div>REV NO. 1</div></div>
2	----	----						
3	----	----						
4	----	----						
5	----	----						
6	----	----						





## SITE INFORMATION

LOT / DP	110/1187931
ADDRESS	MID WESTERN HIGHWAY, HAY 2711, NSW
LGA	HAY SHIRE
LAT / LONG	-34.496448 / 144.862766
ELEVATION	93 m
LOT AREA	20.6 ha
FENCED AREA	6.19 ha
DNSP	ESSENTIAL ENERGY


## PROJECT INFORMATION

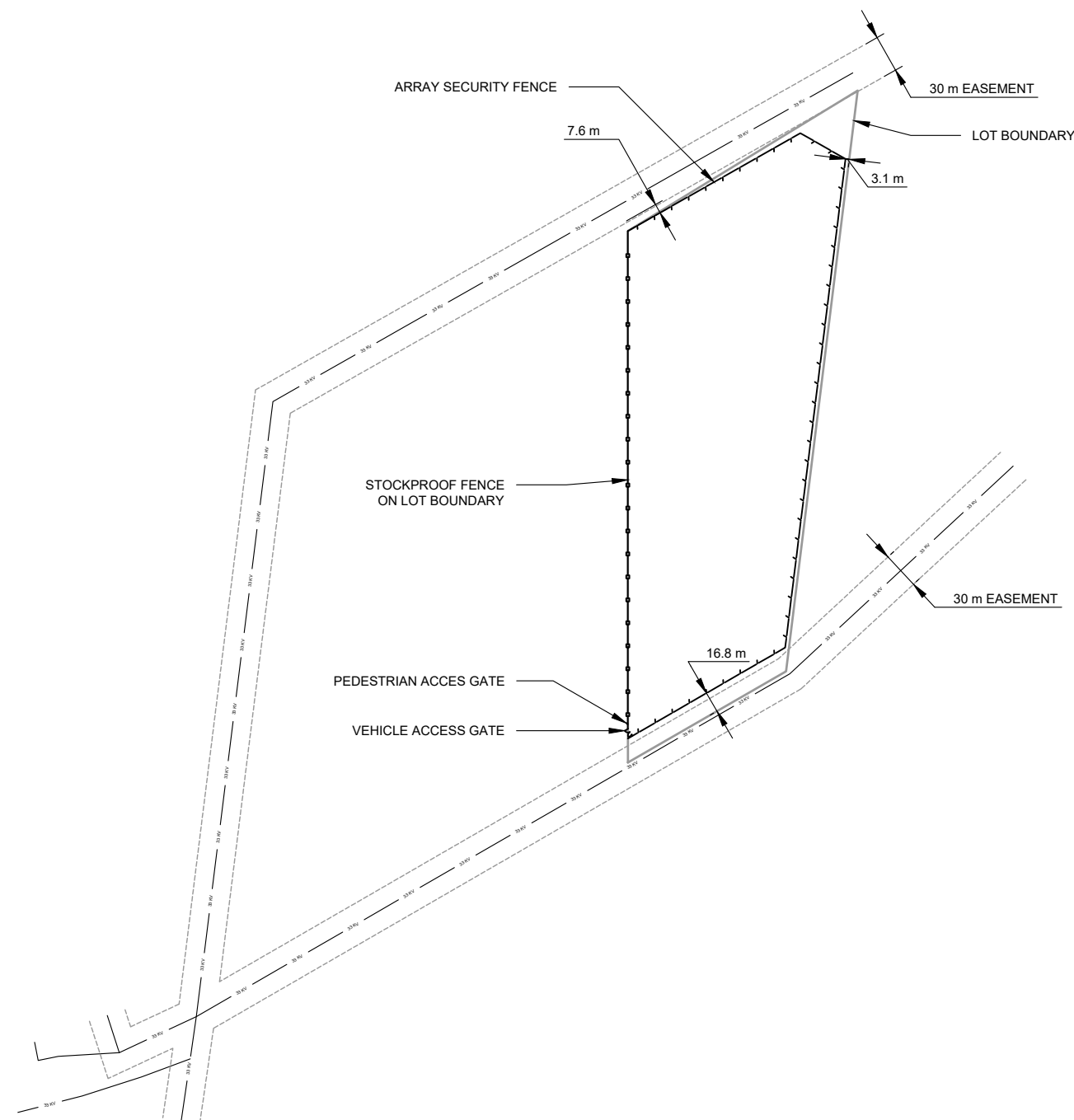
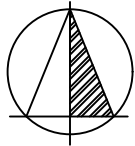
AC CAPACITY	5.0 MW
INVERTERS	2 x 2.5 MW AC
BLOCK SPACING (N-S)	1 m
BLOCK SPACING (E-W)	1 m
CONNECTION VOLTAGE	33 kV
CONNECTION FEEDER	ESSENTIAL ENERGY HAT 22
CONNECTION SUBSTATION	ESSENTIAL ENERGY HAY 33/11 ZONE
SECURITY FENCE SETBACK	MIN. 3 m FROM OPTION BOUNDARY
ARRAY SETBACK	MIN. 6 m FROM SECURITY FENCE
ACCESS ROAD WIDTH	6 m

## 1 GENERAL ARRANGEMENT

SCALE: 1:5000

## DEVELOPMENT APPLICATION

NO.	STAGE	DATE	NOTES	PARTNERS	<div><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	DRAWN NL	CHECKED PMC	APPROVED KB	DRAWING <b>GENERAL ARRANGEMENT PLAN</b>	
1	ISSUED FOR SPECIALIST STUDIES	11/12/19							PROJECT HAY 2A SOLAR FARM	SCALE AS NOTED
2	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19							CLIENT ITP DEVELOPMENT	SHEET SIZE A3
3	----	----							ADDRESS MID WESTERN HIGHWAY HAY 2711, NSW	ORIG. DATE 2/9/19
4	----	----								REV. DATE 20/12/19
5	----	----							DRAWING NO. <b>HAY2A-G-210</b>	REV NO. <b>2</b>




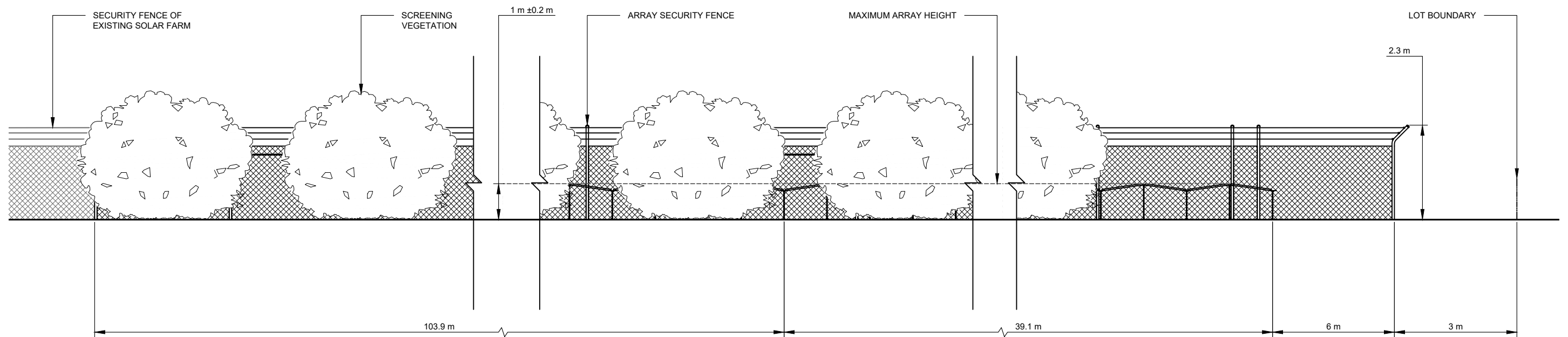
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SET BACK PLAN

SCALE: 1:5000


DEVELOPMENT APPLICATION

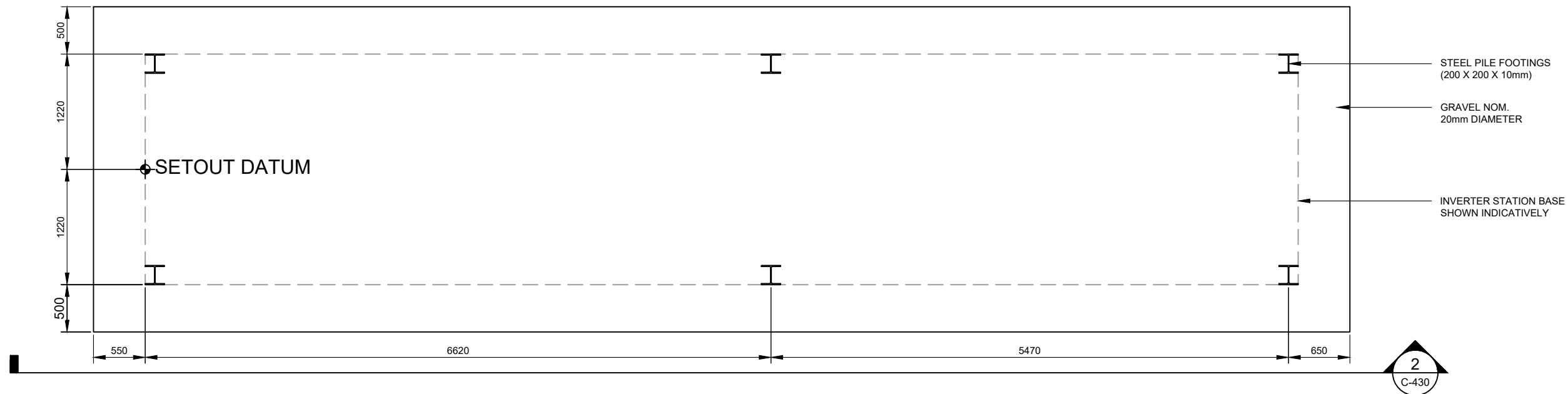
NO.	STAGE	DATE	NOTES	PARTNERS	<div><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	DRAWN NL	DRAWING SITE BOUNDARY SET BACKS			
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19				CHECKED MPOR				
2	----	----				APPROVED KB				
3	----	----				DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.  THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	PROJECT	HAY 2A SOLAR FARM	SCALE	AS NOTED
4	----	----					CLIENT ADDRESS	ITP DEVELOPMENT MID WESTERN HIGHWAY HAY 2711, NSW	SHEET SIZE	A3
5	----	----							ORIG. DATE	19/12/19
6	----	----					DRAWING NO.	HAY2A-G-211	REV. DATE	20/12/19



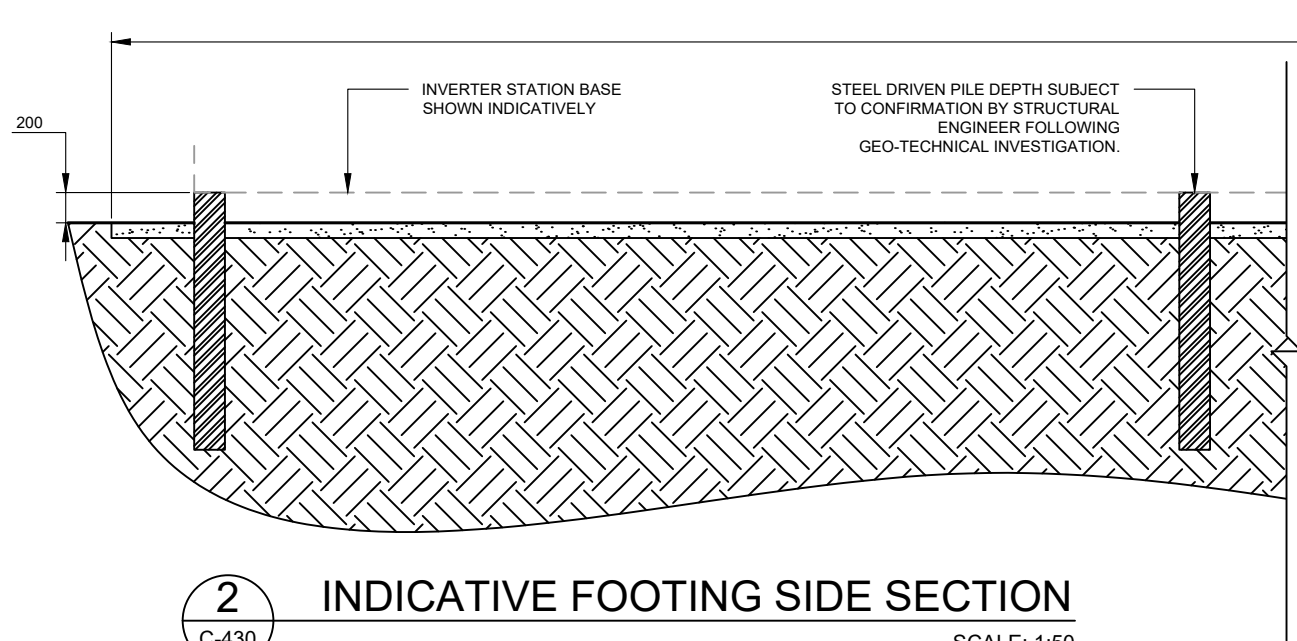
**1** MID WESTERN HIGHWAY FRONTAGE  
C-120  
SCALE: 1:100

**DEVELOPMENT APPLICATION**

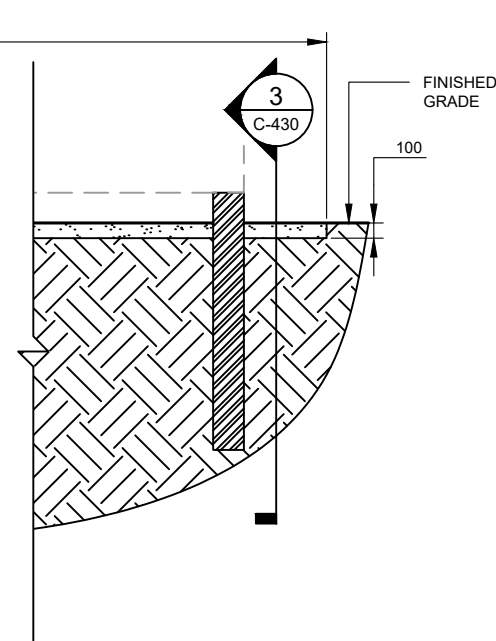
NO.	STAGE	DATE	NOTES	PARTNERS	<div><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	DRAWN NL CHECKED MPOR APPROVED KB		DRAWING SITE ELEVATIONS ----	
						DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.		PROJECT HAY 2A SOLAR FARM	
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19				THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.		CLIENT ADDRESS	ITP DEVELOPMENT MID WESTERN HIGHWAY HAY 2711, NSW
2	----	----						SCALE	AS NOTED
3	----	----						SHEET SIZE	A3
4	----	----						ORIG. DATE	16/12/19
5	----	----				DRAWING NO. HAY2A-C-120		REV. DATE	20/12/19
6	----	----						REV. NO.	1



1 INDICATIVE FOOTING PLAN  
C-430 SCALE: 1:50



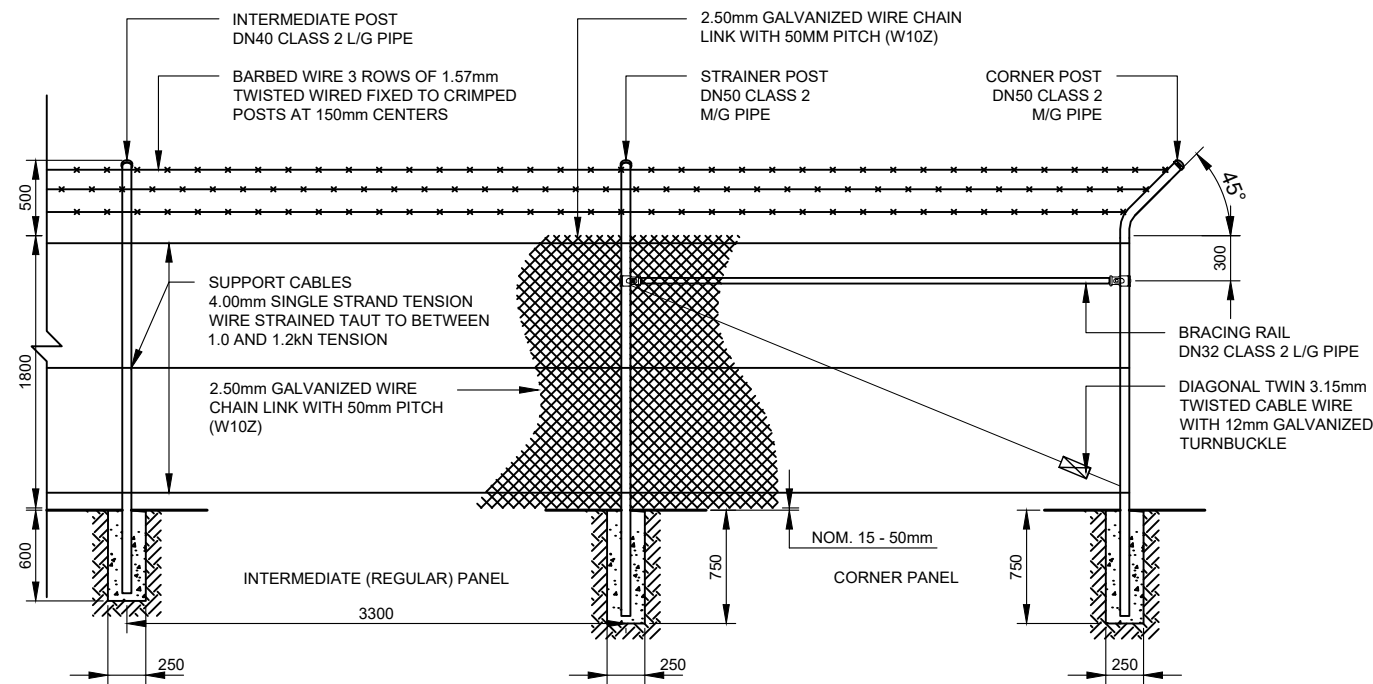
2 INDICATIVE FOOTING SIDE SECTION  
C-430 SCALE: 1:50



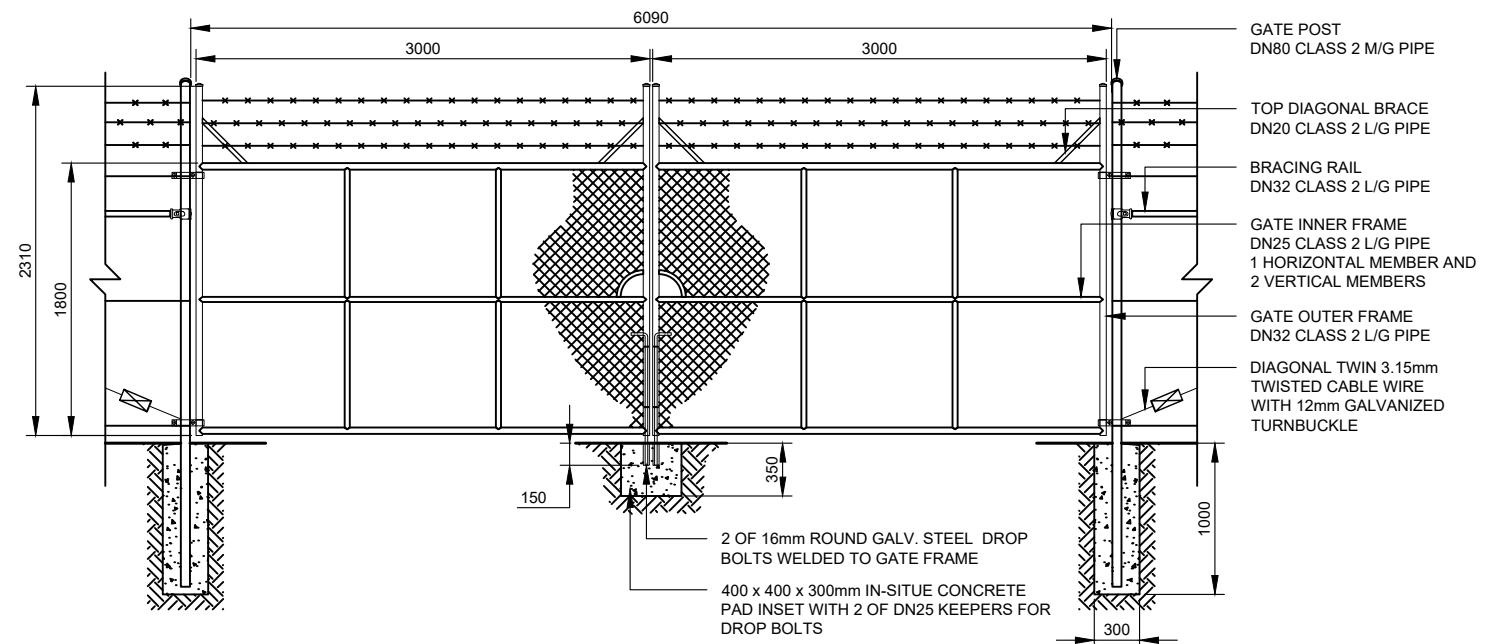
3 INDICATIVE FOOTING END SECTION  
C-430 SCALE: 1:50

## DEVELOPMENT APPLICATION

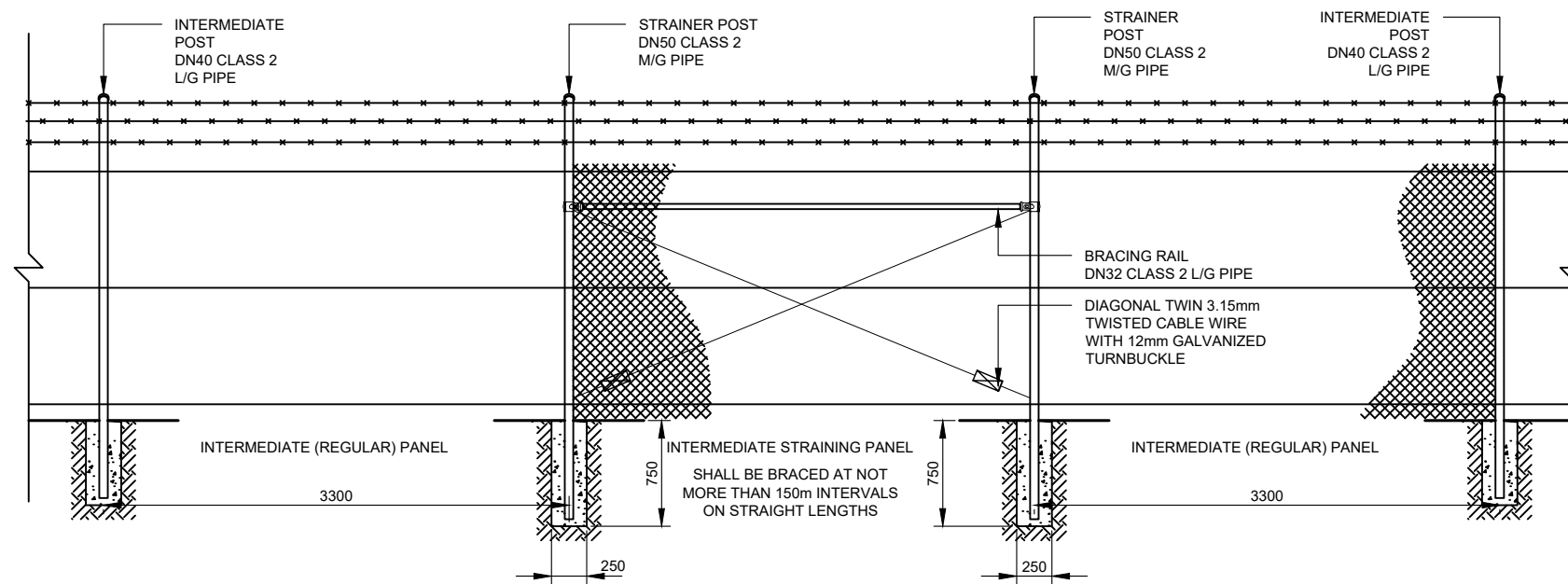
NO.	STAGE	DATE	NOTES	PARTNERS	itp RENEWABLES P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA	DRAWN NL CHECKED PMC APPROVED KB DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED. THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING INVERTER FOOTING DETAIL ---- PROJECT HAY 2A SOLAR FARM CLIENT ITP DEVELOPMENT ADDRESS MID WESTERN HIGHWAY HAY 2711, NSW DRAWING NO. HAY2A-C-430	SCALE AS NOTED SHEET SIZE A3 ORIG. DATE 16/12/19 REV. DATE 20/12/19 REV NO. 1
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19						
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3	----	----						
4	----	----						
5	----	----						
6	----	----						



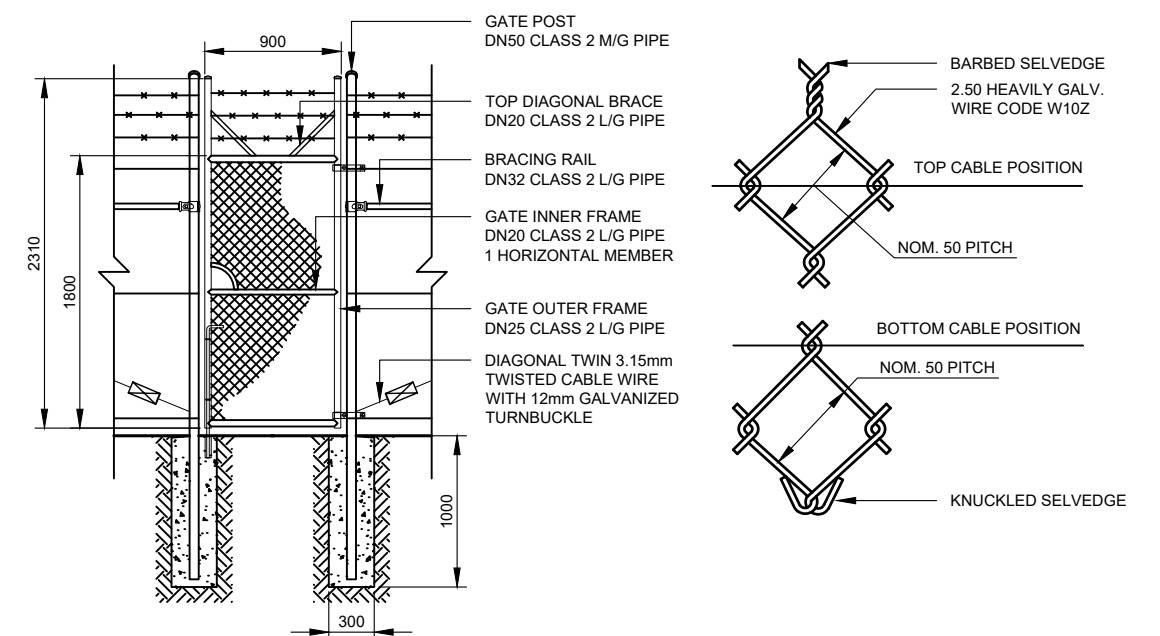
1 TYPICAL FENCE SECTION  
SCALE: 1:50



3 DOUBLE LEAF 6 METER GATE SECTION  
SCALE: 1:50



2 INTERMEDIATE STRAINING PANEL FENCE SECTION  
SCALE: 1:50



4 SINGLE LEAF GATE SECTION  
SCALE: 1:50

## DEVELOPMENT APPLICATION

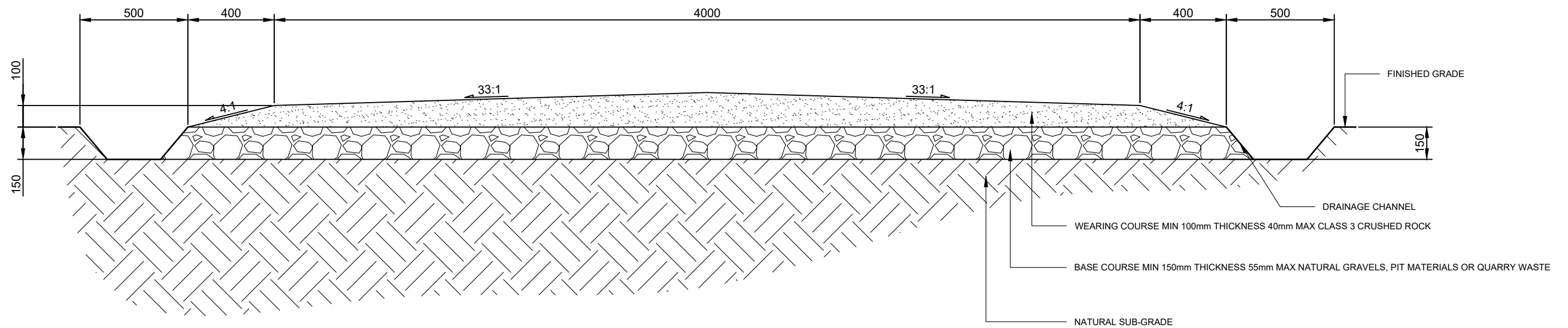
NO.	STAGE	DATE	NOTES	PARTNERS	DRAWN	NL	CHECKED	PMC	APPROVED	KB	DRAWING	TYPICAL FENCING DETAIL
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19										
2	----	----										
3	----	----										
4	----	----										
5	----	----										
6	----	----										



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www.itpau.com.au

PO BOX 6217  
O'CONNOR, ACT 2602  
AUSTRALIA


DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	PROJECT	HAY 2A SOLAR FARM	SCALE	AS NOTED
THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	CLIENT ADDRESS	ITP DEVELOPMENT MID WESTERN HIGHWAY HAY 2711, NSW	SHEET SIZE	A3
	DRAWING NO.	HAY2A-C-530	REV. DATE	20/12/19
			REV. NO.	1



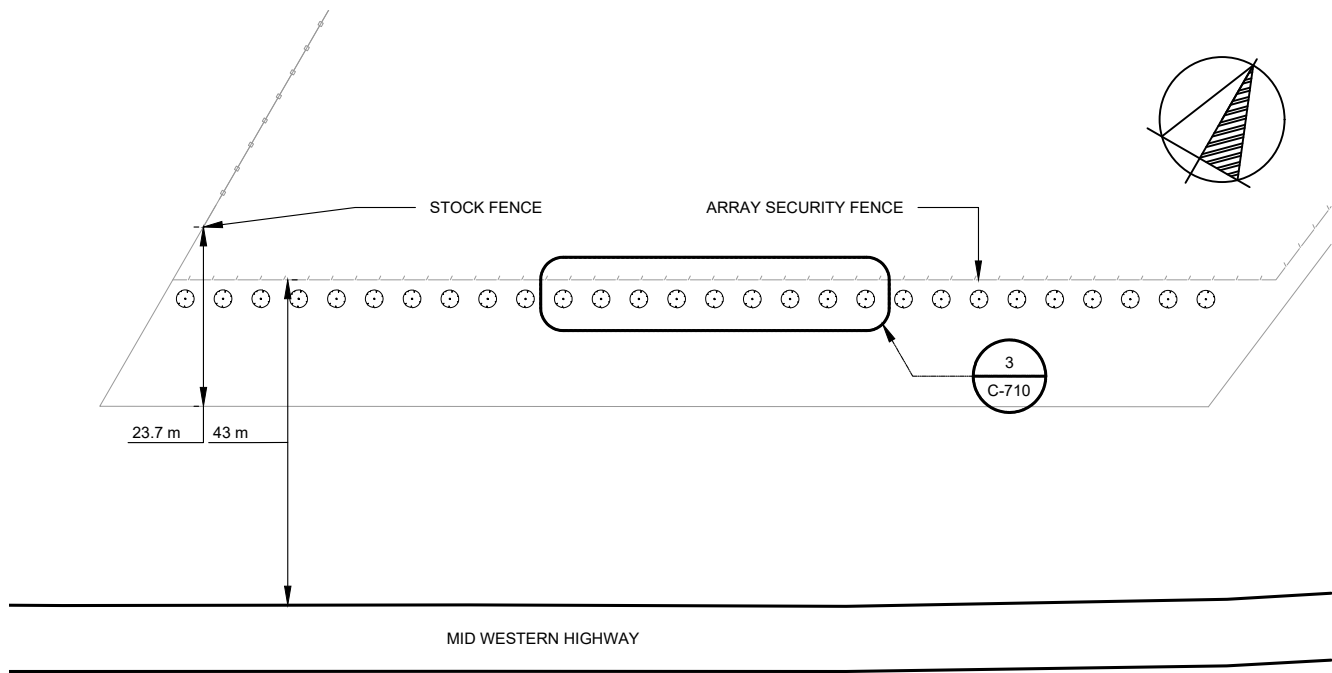
1 CROSS SECTION - PRIMARY ROAD  
SCALE: 1:50

1 ROAD CROSS SECTION  
C-630 SCALE: 1:20

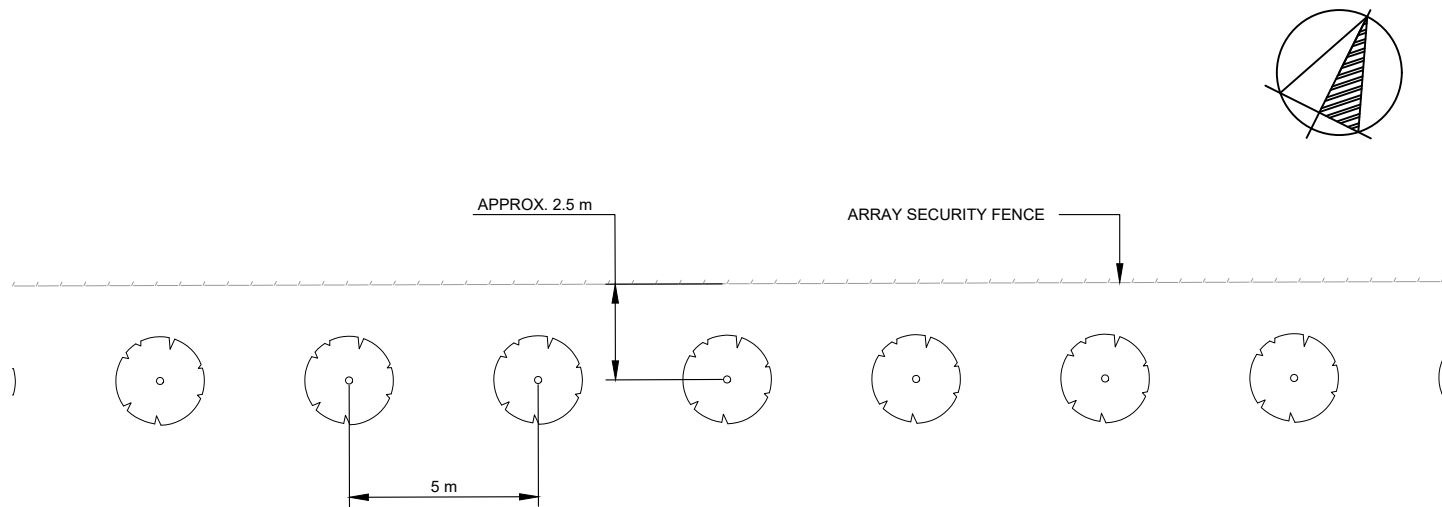
## DEVELOPMENT APPLICATION

NO.	STAGE	DATE	NOTES	PARTNERS	<div><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	DRAWN NL	DRAWING ROAD DETAIL ----		
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19				CHECKED MPOR			
2	----	----				APPROVED KB			
3	----	----				DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	PROJECT HAY 2A SOLAR FARM	SCALE AS NOTED	
4	----	----				THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	CLIENT ITP DEVELOPMENT	SHEET SIZE A3	
5	----	----					ADDRESS MID WESTERN HIGHWAY HAY 2711, NSW	ORIG. DATE 16/12/19	
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								REV NO. 1	

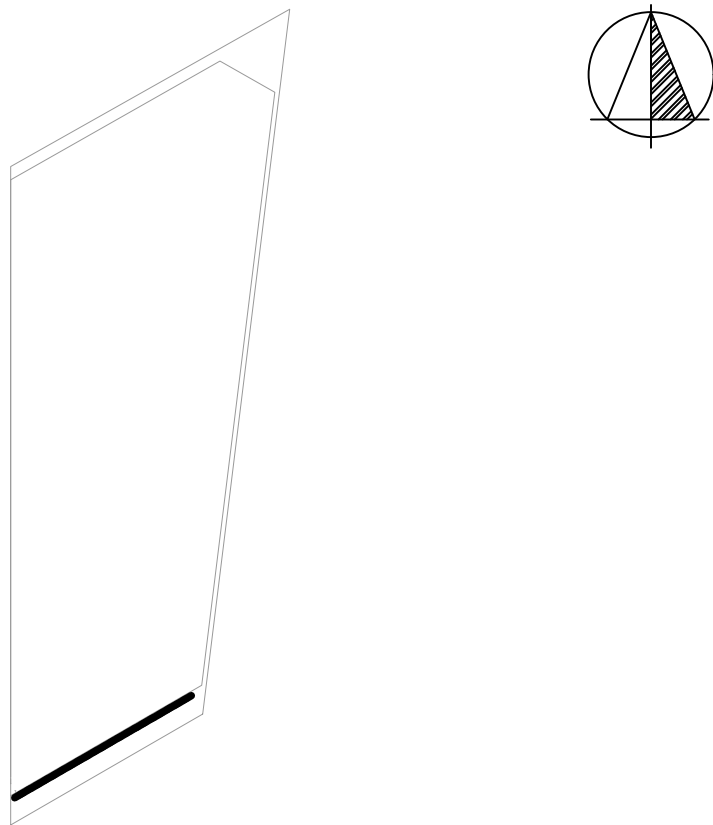




**1 PARTIAL LANDSCAPE PLAN - SOUTH BOUNDARY**  
C-710 SCALE: 1:1,000



**3 LANDSCAPE DETAIL**  
C-710 SCALE: 1:200




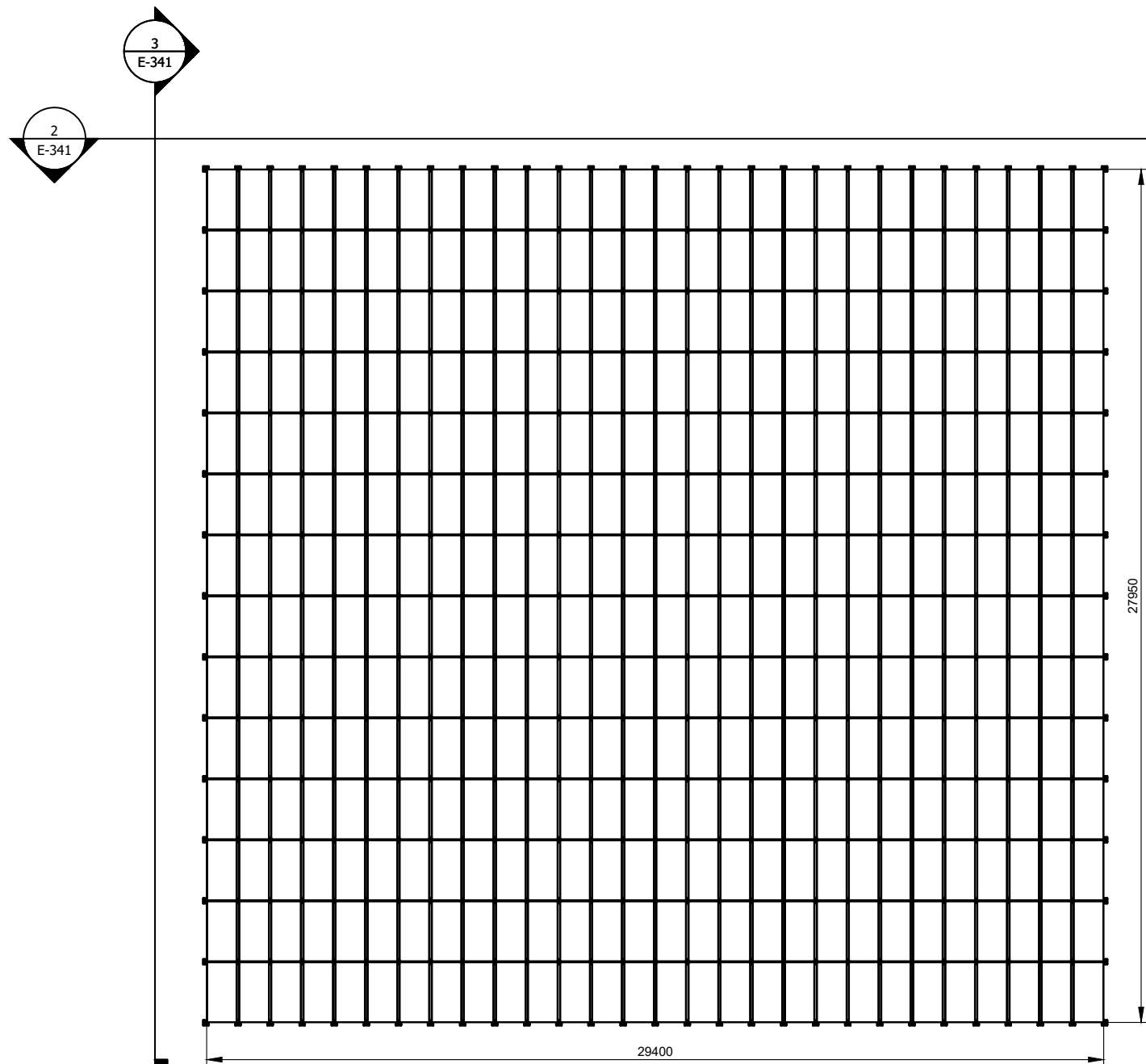
**2 KEY PLAN**  
C-710 SCALE: 1:10,000

## PLANTING SCHEDULE

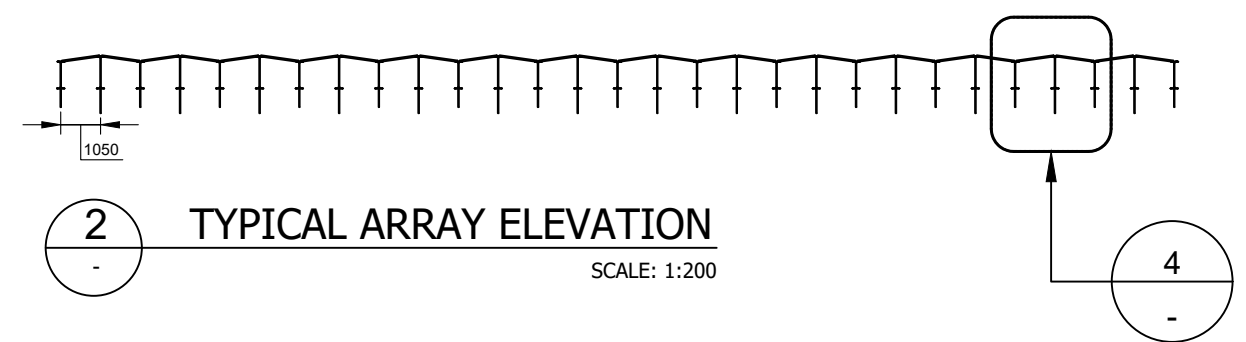
KEY PLAN SYMBOL	VEGETATION TYPE	PLANT SPACING	MAX. HEIGHT	NO. PLANTS
	NATIVE SHRUBS	5 m	3 m	MIN. 28

## DEVELOPMENT APPLICATION

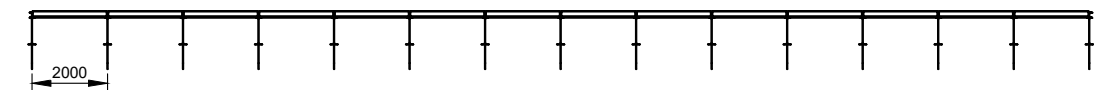
NO.	STAGE	DATE	NOTES	PARTNERS	 P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA	DRAWN NL CHECKED MPOR APPROVED KB DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED. THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING <b>LANDSCAPE PLAN</b> ----	PROJECT HAY 2A SOLAR FARM CLIENT ITP DEVELOPMENT ADDRESS MID WESTERN HIGHWAY HAY 2711, NSW	SCALE AS NOTED SHEET SIZE A3 ORIG. DATE 16/12/19 REV. DATE 20/12/19
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19							
2	----	----							
3	----	----							
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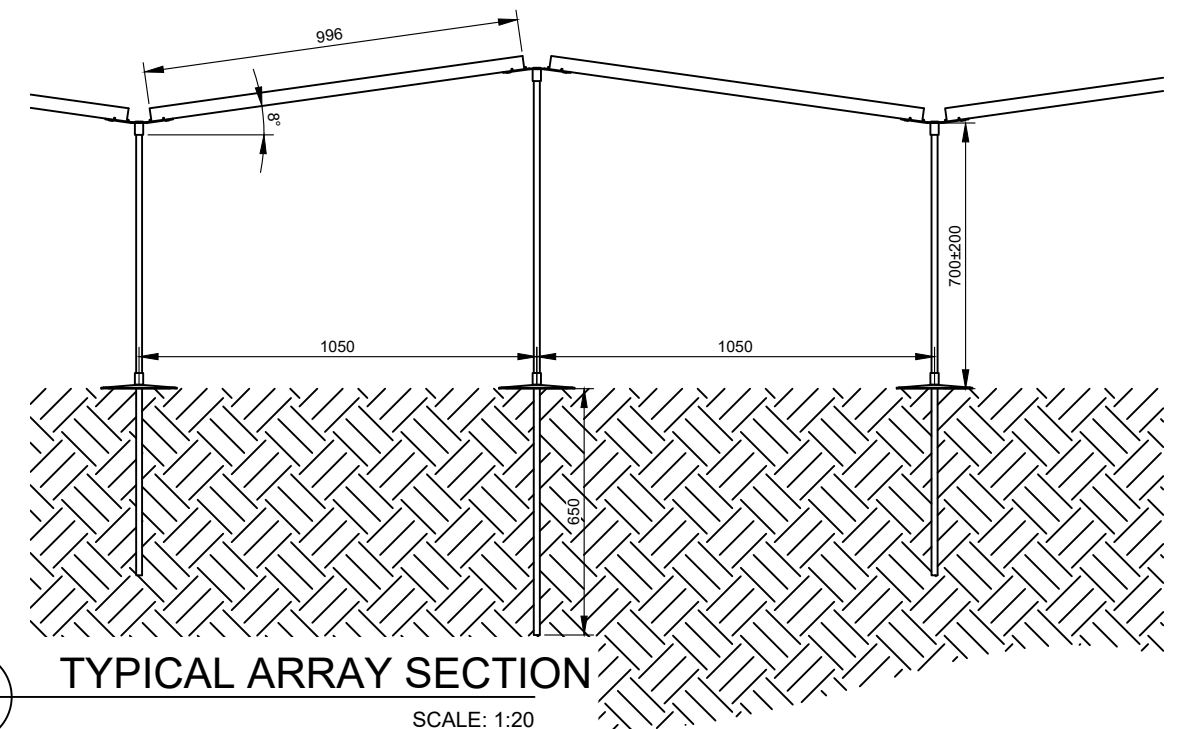
**1** ARRAY PLAN - 28 x 14 MODULE BLOCK  
SCALE: 1:200



**2** TYPICAL ARRAY ELEVATION  
SCALE: 1:200




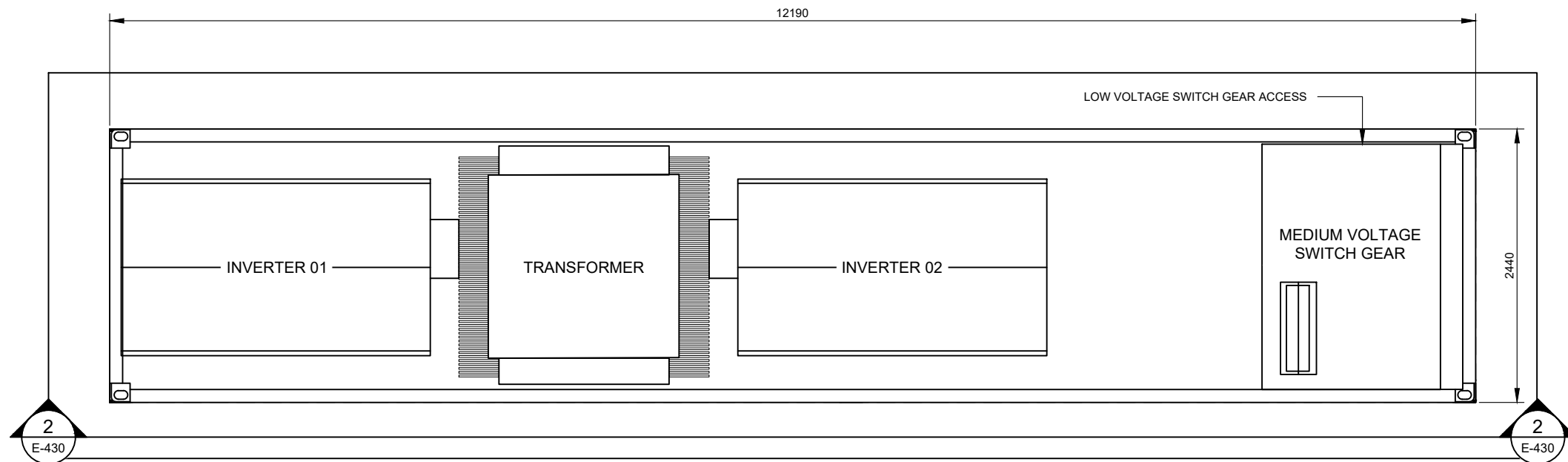
**3** TYPICAL ARRAY ELEVATION  
SCALE: 1:200



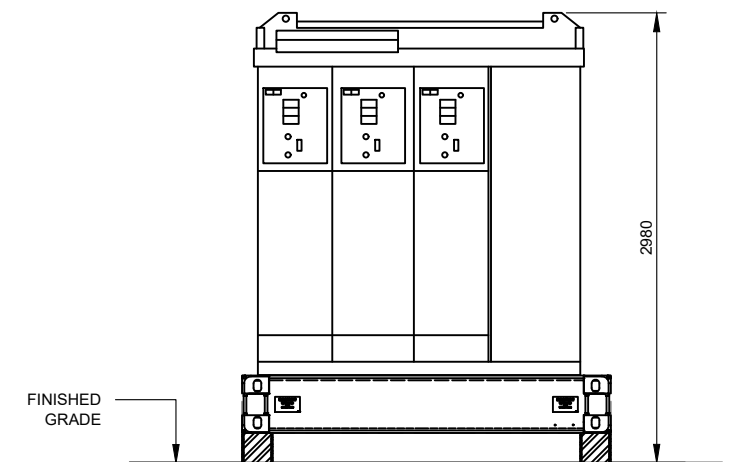
**4** TYPICAL ARRAY SECTION  
SCALE: 1:20

## DEVELOPMENT APPLICATION

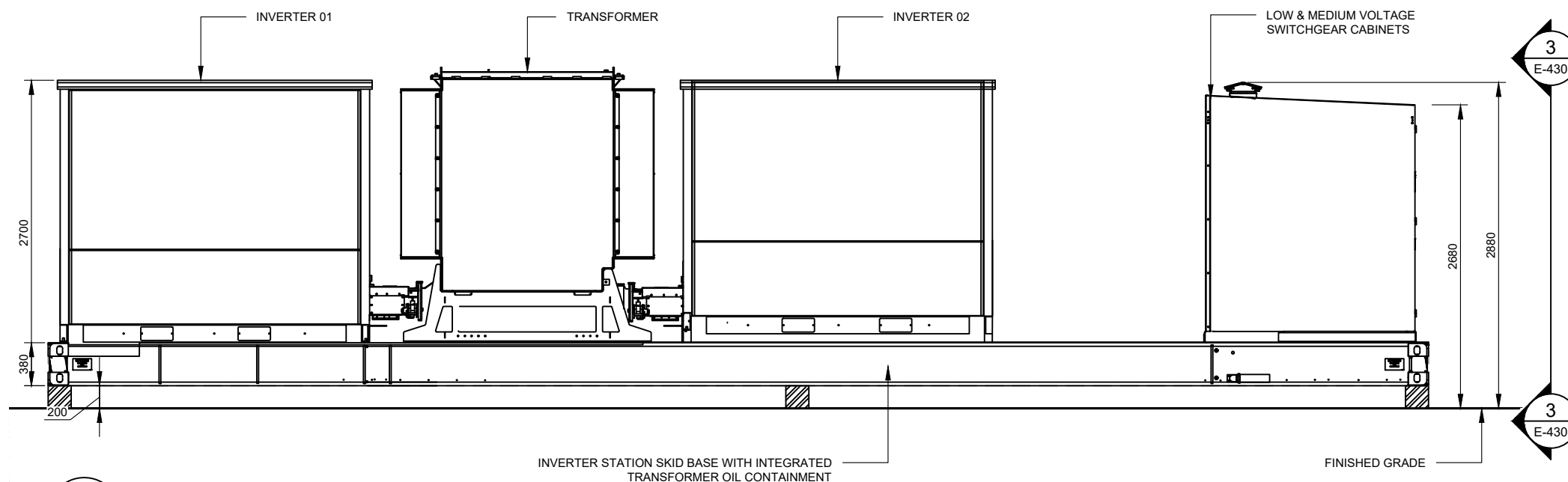
NO.	STAGE	DATE	NOTES	PARTNERS				
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19			 <p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p> <p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p>	<p>DRAWN NL</p> <p>CHECKED PMC</p> <p>APPROVED KB</p> <p>DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.</p> <p>THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.</p>	<p>DRAWING <b>ARRAY DETAIL</b></p> <p>PROJECT HAY 2A SOLAR FARM</p> <p>CLIENT ITP DEVELOPMENT</p> <p>ADDRESS MID WESTERN HIGHWAY HAY 2711, NSW</p> <p>DRAWING NO. <b>HAY2A-E-340</b></p>	<p>SCALE AS NOTED</p> <p>SHEET SIZE A3</p> <p>ORIG. DATE 16/12/19</p> <p>REV. DATE 20/12/19</p> <p>REV NO. <b>1</b></p>
2	----	----						
3	----	----						
4	----	----						
5	----	----						
6	----	----						



**1 PLAN VIEW**  
SCALE: 1:50




**3 END ELEVATION**  
SCALE: 1:50

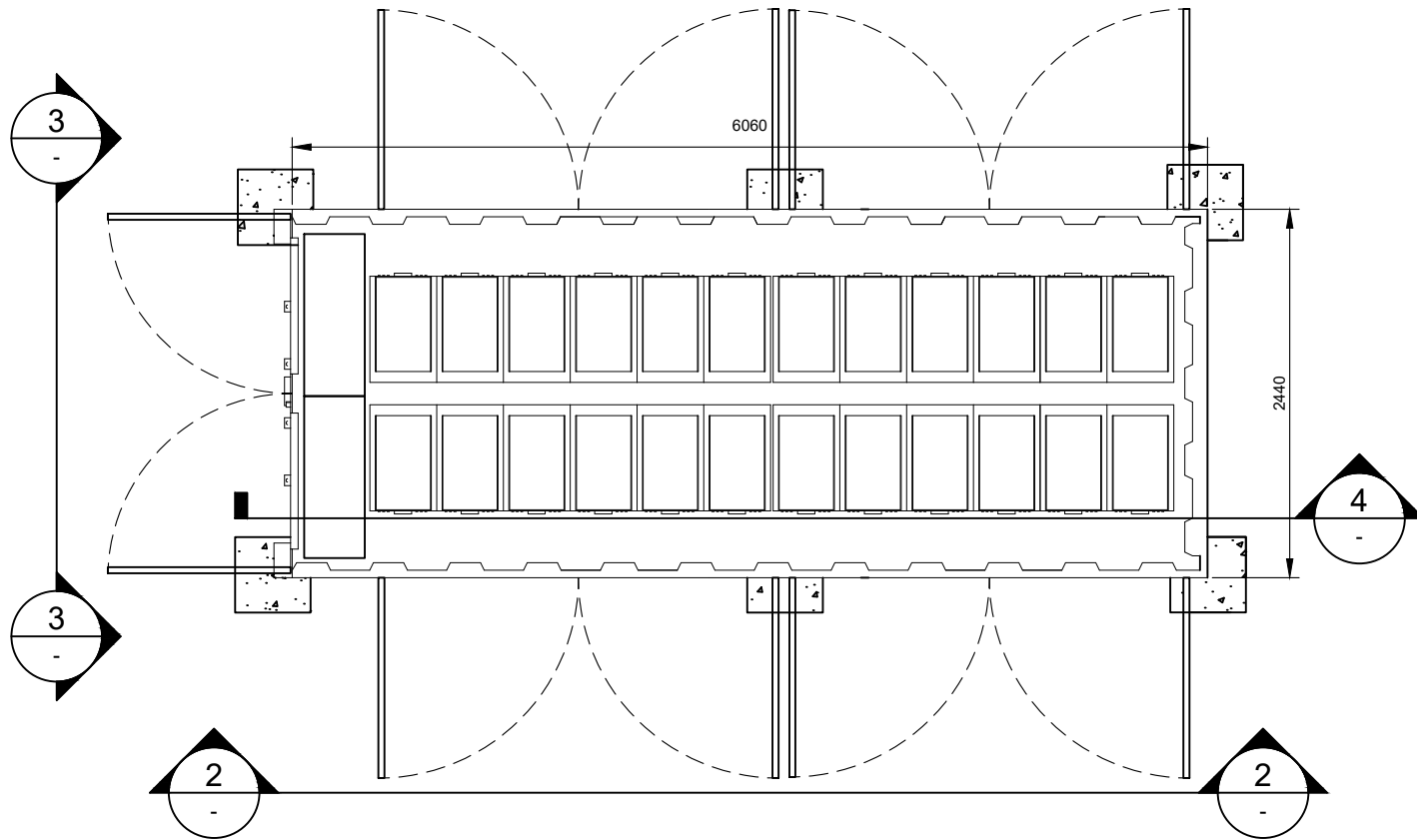


**2 SIDE ELEVATION**  
SCALE: 1:50

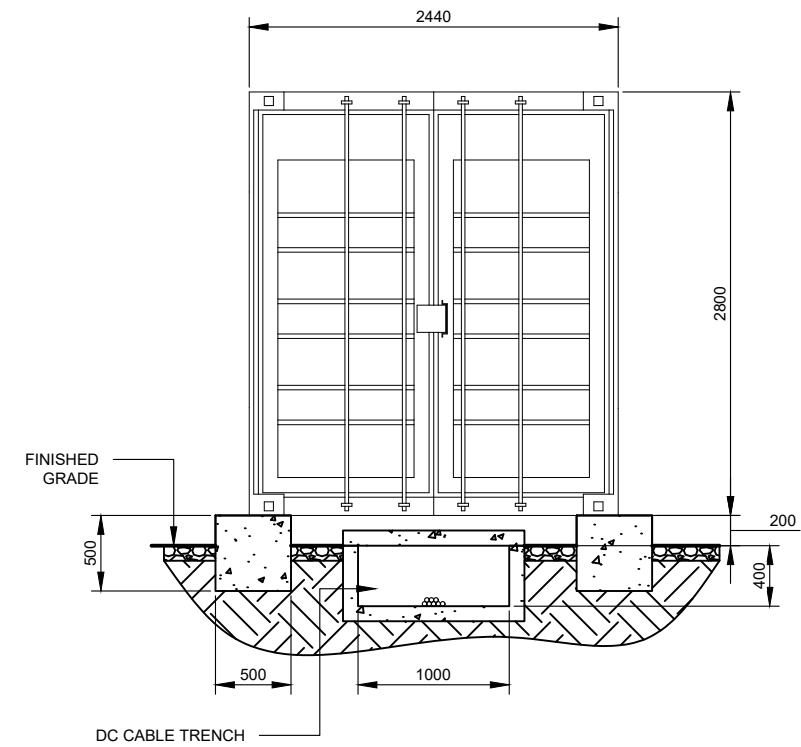
## DEVELOPMENT APPLICATION

NO.	STAGE	DATE	NOTES	PARTNERS	<div>  <p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p> <p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p> </div>	DRAWN <b>NL</b> CHECKED <b>PMC, MPOR</b> APPROVED <b>KB</b> DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED. THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING <b>INVERTER STATION DETAIL</b> PROJECT <b>HAY 2A SOLAR FARM</b> CLIENT <b>ITP DEVELOPMENT</b> ADDRESS <b>MID WESTERN HIGHWAY HAY 2711, NSW</b> DRAWING NO. <b>HAY2A-E-430</b>	SCALE <b>AS NOTED</b> SHEET SIZE <b>A3</b> ORIG. DATE <b>16/12/19</b> REV. DATE <b>20/12/19</b> REV NO. <b>1</b>
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19						
2	----	----						
3	----	----						
4	----	----						
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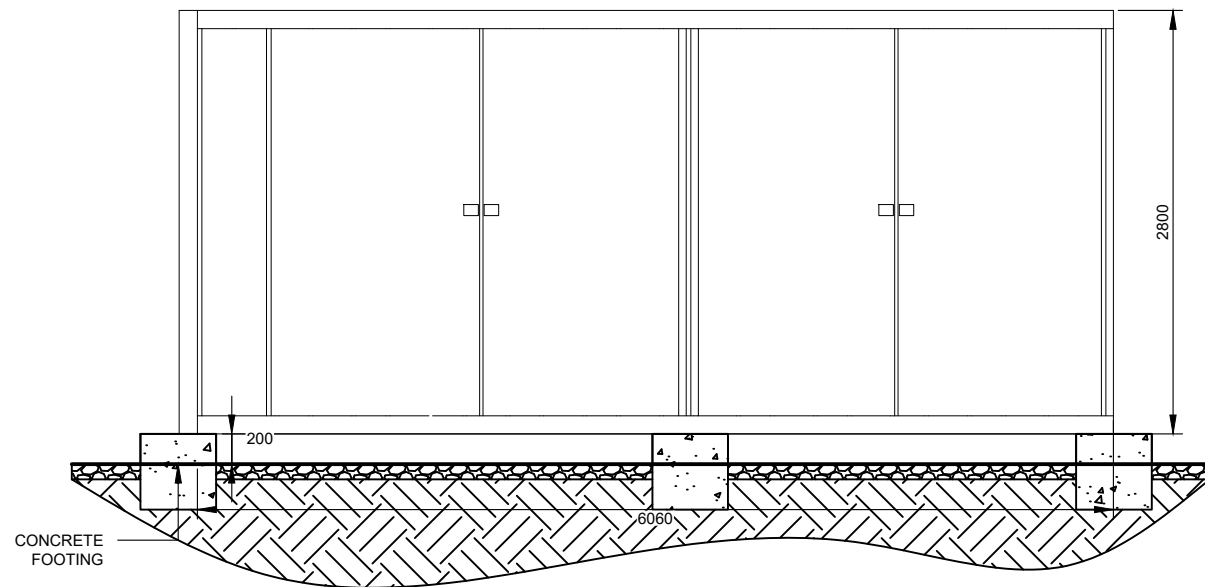




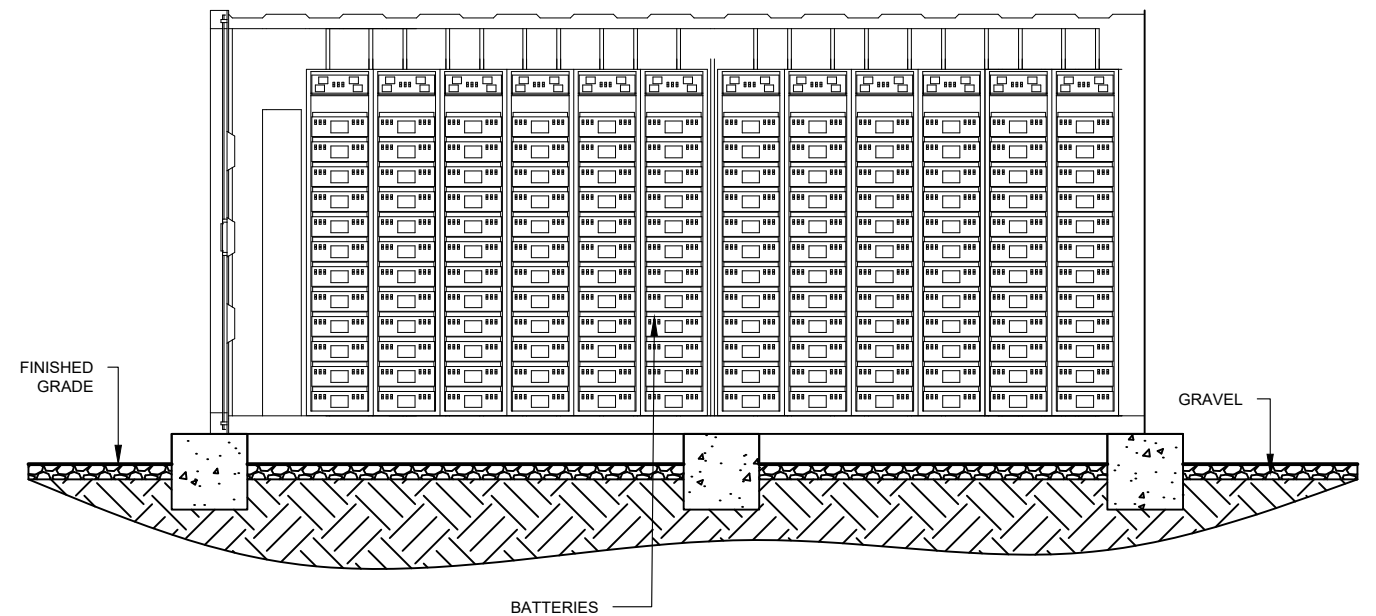
**1 BESS PLAN**  
E-530 SCALE: 1:50



**3 END SECTION**  
E-530 SCALE: 1:50




**2 SIDE ELEVATION**  
E-530 SCALE: 1:50



**4 SIDE SECTION**  
E-530 SCALE: 1:50

## DEVELOPMENT APPLICATION

NO.	STAGE	DATE	NOTES	PARTNERS	<div>  <p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p> <p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p> </div>	<div> <p>DRAWN NL</p> <p>CHECKED MPOR</p> <p>APPROVED KB</p> <p>DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.</p> <p>THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.</p> </div>	<div> <p>DRAWING <b>BESS DETAIL</b></p> <p>PROJECT HAY 2A SOLAR FARM</p> <p>CLIENT ITP DEVELOPMENT</p> <p>ADDRESS MID WESTERN HIGHWAY HAY 2711, NSW</p> <p>DRAWING NO. <b>HAY2A-E-530</b></p> </div>	<div> <p>SCALE AS NOTED</p> <p>SHEET SIZE A3</p> <p>ORIG. DATE 19/12/19</p> <p>REV. DATE 20/12/19</p> <p>REV NO. <b>1</b></p> </div>
1	ISSUED FOR DEVELOPMENT APPLICATION	20/12/19						
2	----	----						
3	----	----						
4	----	----						
5	----	----						
6	----	----						