

DAISY HILL SOLAR FARM

DEVELOPMENT APPLICATION

ADDRESS:
RACECOURSE RD
HILLSTON
NSW 2675



DEVELOPED BY:
ITP DEVELOPMENTS

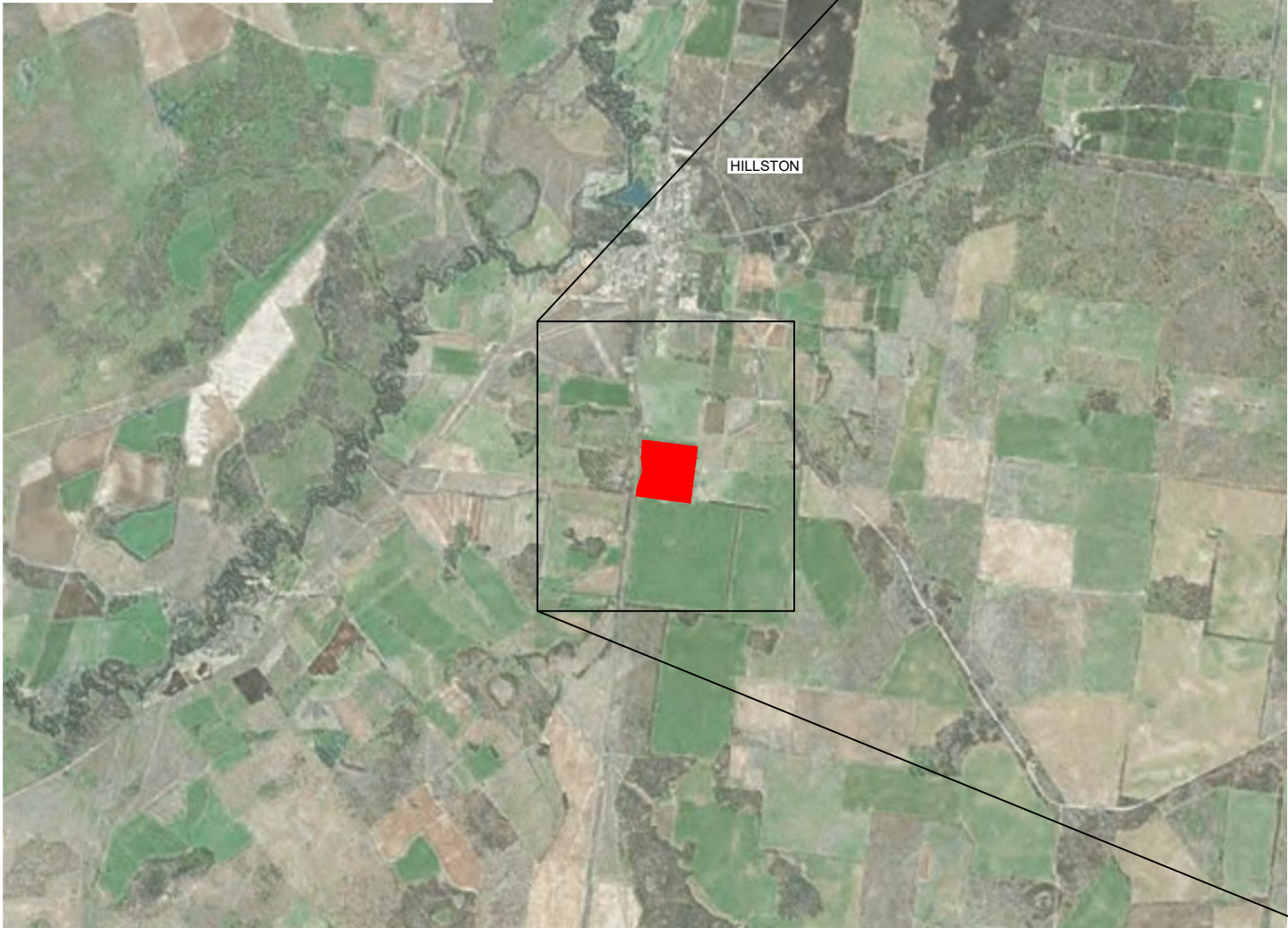
Sheet List Table	
SHEET NUMBER	SHEET TITLE
G-010	MAIN TITLE
G-040	LOCATION PLAN
G-210	GENERAL ARRANGEMENT PLAN
C-130	SITE ELEVATION
C-430	INVERTER STATION FOOTING DETAIL
C-530	TYPICAL FENCING DETAILS
C-531	GATE DETAILS
C-610	ROAD ACCESS PLAN
C-630	ACCESS ROAD DETAIL
C-710	LANDSCAPE PLAN
E-341	TYPICAL NEXTRACKER ARRAY DETAIL
E-430	TYPICAL INVERTER STATION DETAIL
E-530	TYPICAL BESS DETAIL



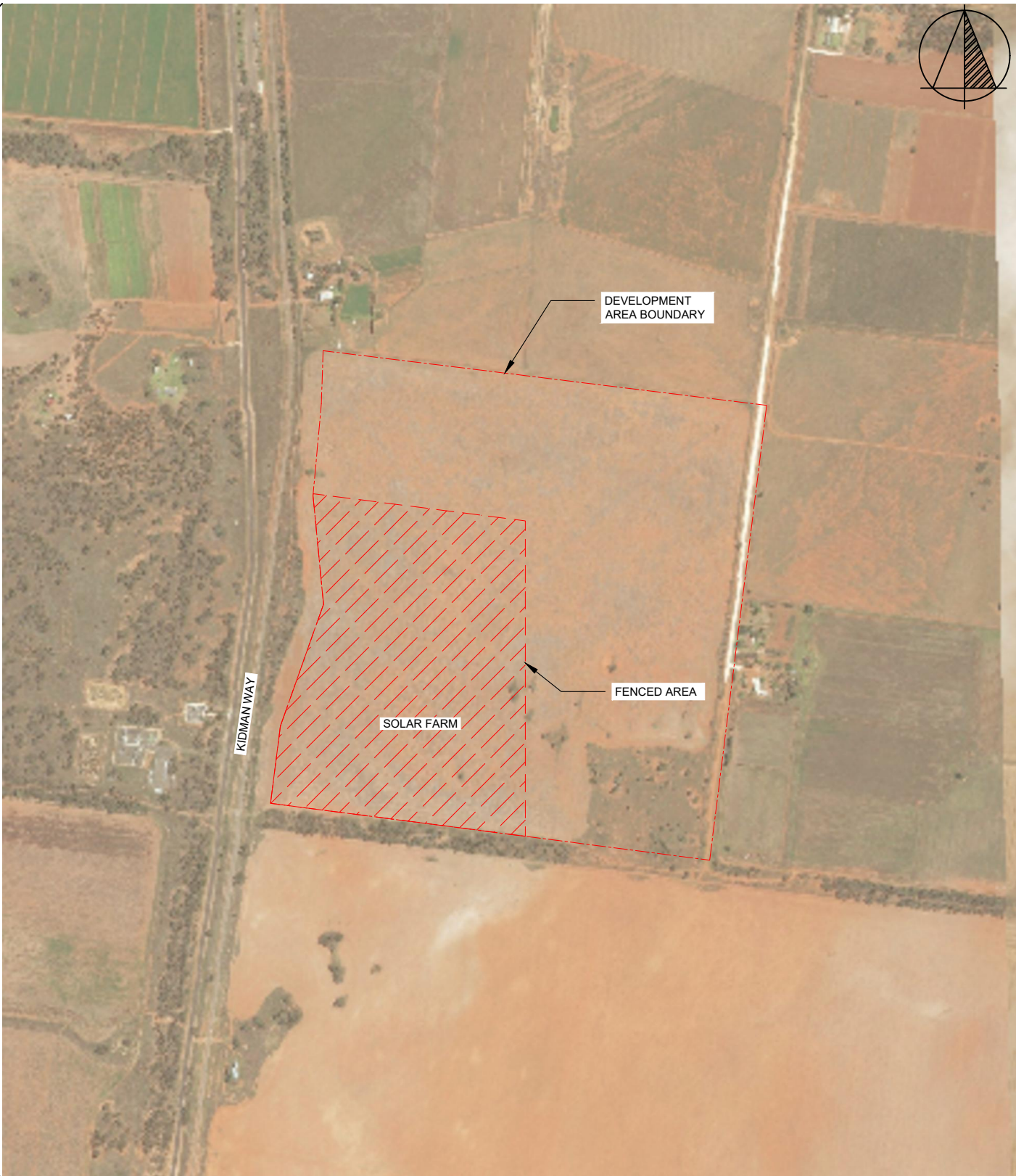
info@itpau.com.au
+61 (0) 2 6257 3511
Level 1, 19-23 Moore St Turner, ACT 2612
itpau.com.au



1 STATE MAP
SCALE: NTS

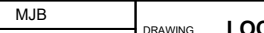


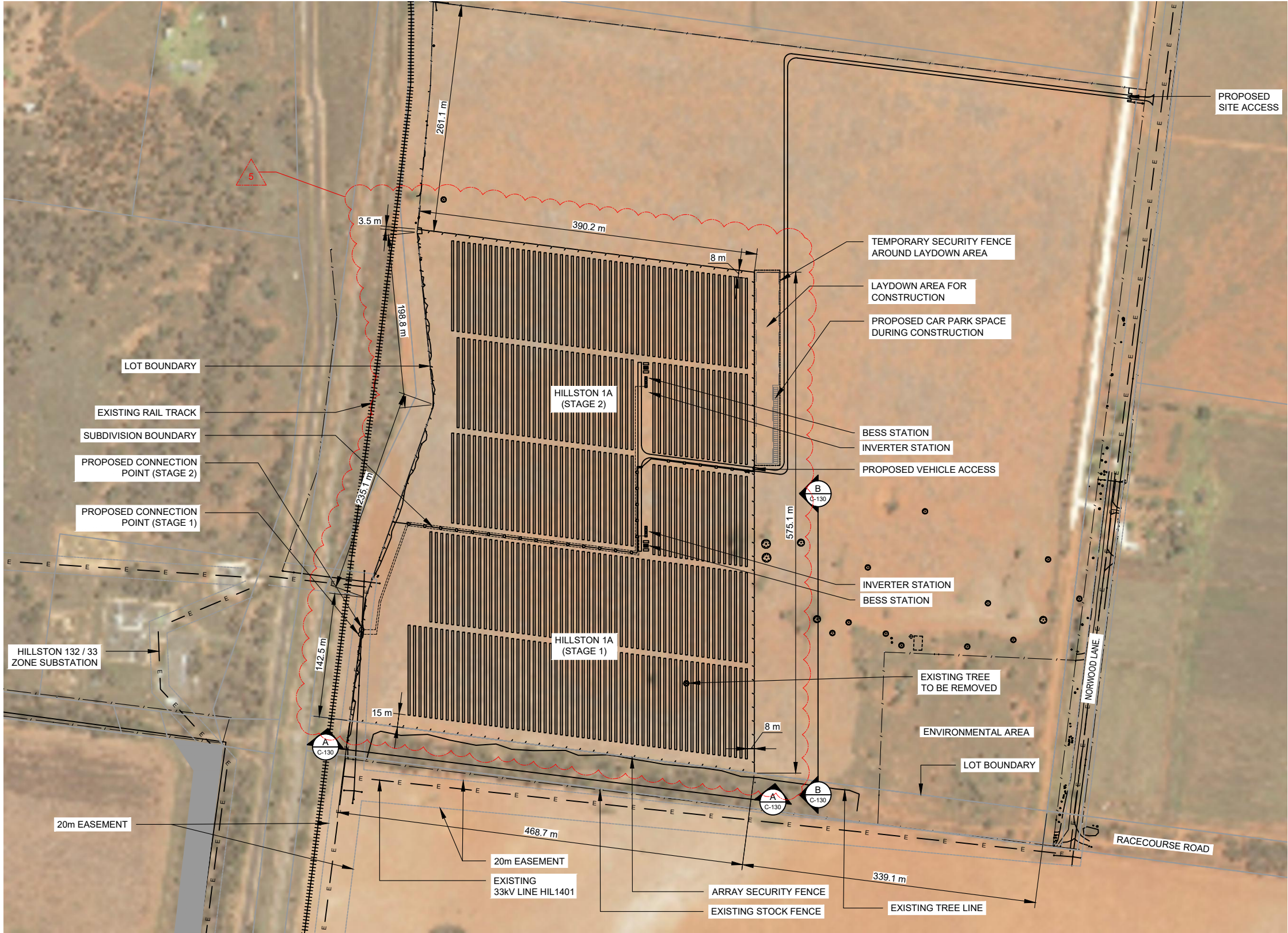
2 LOCATION PLAN
SCALE: NTS



3 SITE PLAN
SCALE: 1:10,000

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	MJB	DRAWING				LOCATION PLAN			
1	ISSUED FOR DA APPROVAL	16/12/19				CHECKED	AN	----							
2	----	----				APPROVED	SD	DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.				PROJECT	DAISY HILL SOLAR FARM	SCALE	AS NOTED
3	----	----				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 DEVELOPMENTS RACECOURSE RD HILLSTON, NSW 2675	SHEET SIZE	A3		
4	----	----										ORIG. DATE	7/1/21		
5	----	----										REV. DATE	14/1/21		
6	----	----								DRAWING NO.	HIL1A-G-040	REV NO.	1		



SITE INFORMATION	
LOT / DP	103/755189
ADDRESS	RACECOURSE RD, HILLSTON, NSW 2675
LGA	CARRATHOOL SHIRE COUNCIL
LAT / LONG	-33.51501 / 145.53487
LOT AREA	70.4 ha
FENCED AREA	11.96 ha (STAGE 1) / 11.56 ha (STAGE 2)
DNSP	ESSENTIAL ENERGY

PROJECT INFORMATION	
AC CAPACITY	5.0 MW (STAGE 1) / 5.0 MW (STAGE 2)
INVERTERS	2 x 2.5 MW AC (STAGE 1) 2 x 2.5 MW AC (STAGE 2)
TRACKER	3 STRINGS, 103.5 m
TRACKER SPACING (N-S)	7 m
ARRAY PITCH	6 m
CONNECTION VOLTAGE	33 kV
CONNECTION FEEDER	ESSENTIAL ENERGY HIL1401
CONNECTION SUBSTATION	ESSENTIAL ENERGY HILLSTON 132/33 ZONE
SECURITY FENCE SETBACK	VARIABLE FROM LOT BOUNDARY
ARRAY SETBACK	8 - 15 m FROM SECURITY FENCE
ACCESS ROAD WIDTH	4 m

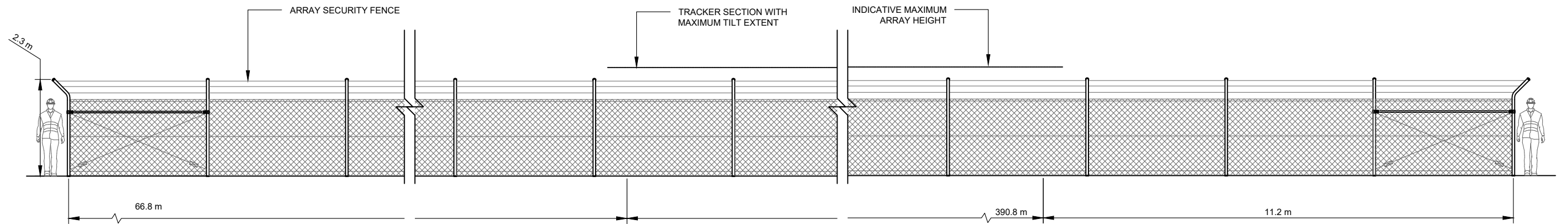
1

GENERAL ARRANGEMENT PLAN

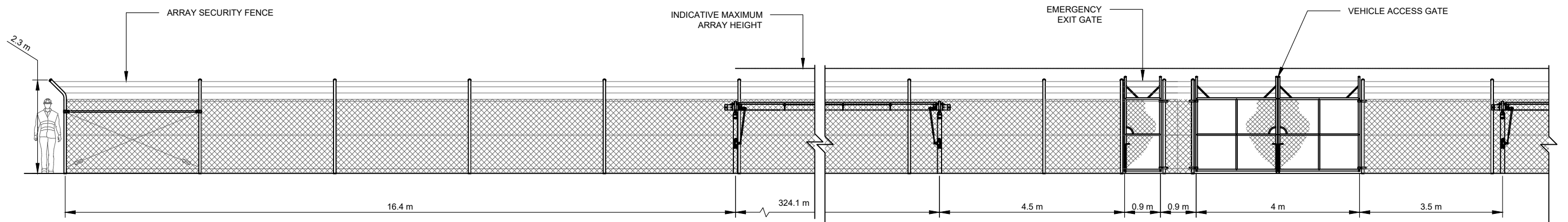
SCALE: 1:5000

DEVELOPMENT APPLICATION

NO.	STAGE	DATE	NOTES	PARTNERS	<div><div>itp</div><div>RENEWABLES</div><div>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</div><div>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</div></div>	DRAWN MJB	DRAWING GENERAL ARRANGEMENT PLAN		
1	ISSUED FOR SPECIALIST STUDIES	26/11/19				CHECKED AN	----		
2	UPDATED SITE ACCESS	11/12/19				APPROVED SD	PROJECT	DAISY HILL SOLAR FARM	SCALE AS NOTED
3	ISSUED FOR DA APPROVAL	20/12/19					CLIENT	ITP DEVELOPMENTS	SHEET SIZE A3
4	UPDATED SITE ACCESS	27/8/20					ADDRESS	RACECOURSE RD HILLSTON, NSW 2675	ORIG. DATE 10/5/19
5	GA UPDATED FOR 530W TRACKERS	12/01/21							REV. DATE 15/1/21
6	----	----					DRAWING NO.	HIL1A-G-210	REV NO. 5




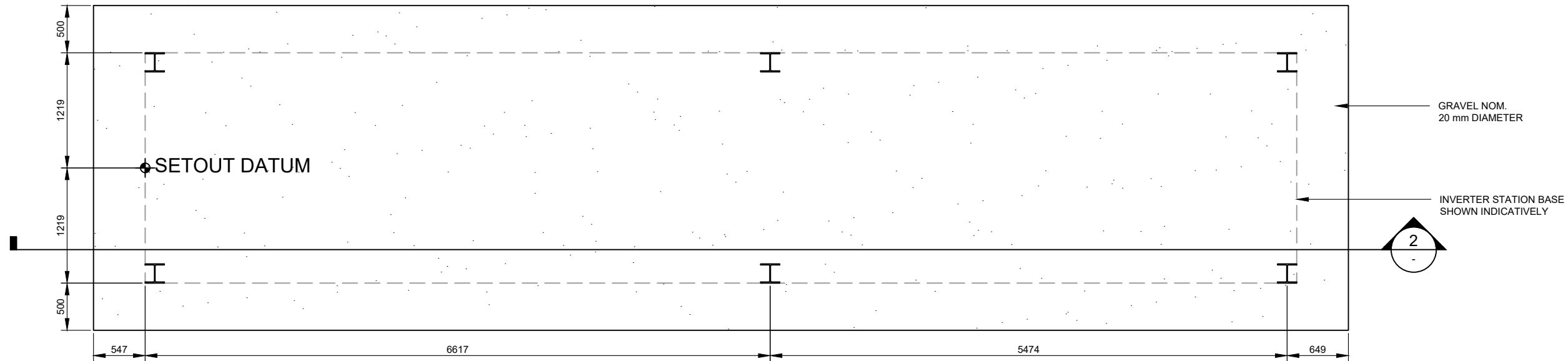
B ELEVATION B
G-2100 SCALE: 1:100



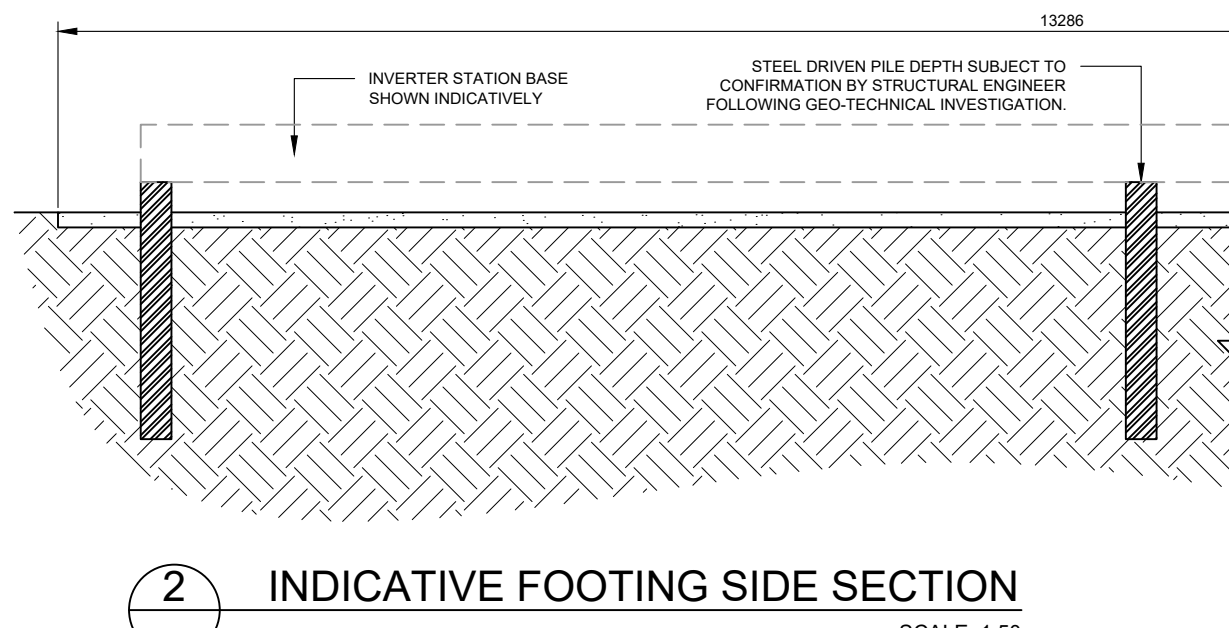
A ELEVATION A
G-2100 SCALE: 1:100

DEVELOPMENT APPLICATION

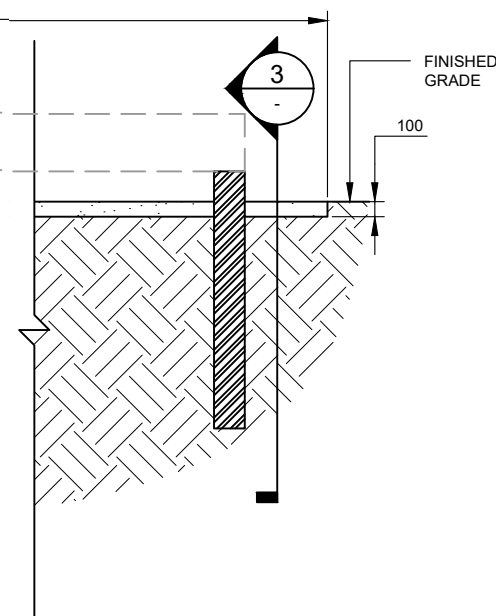
NO.	STAGE	DATE	NOTES	PARTNERS	<div><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	DRAWN MJB	DRAWING SITE ELEVATION ----					
						CHECKED AN						
						APPROVED SD						
1	ISSUED FOR DA APPROVAL	20/12/19					DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.		PROJECT	DAISY HILL SOLAR FARM	SCALE	AS NOTED
2	----	----					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 DEVELOPMENTS RACECOURSE RD HILLSTON, NSW 2675	SHEET SIZE	A3	
3	----	----								ORIG. DATE	2/12/20	
4	----	----								REV. DATE	15/1/21	
5	----	----	DRAWING NO.	HIL1A-C-130	REV NO.					1		
6	----	----										



1 INDICATIVE FOOTING PLAN
SCALE: 1:50




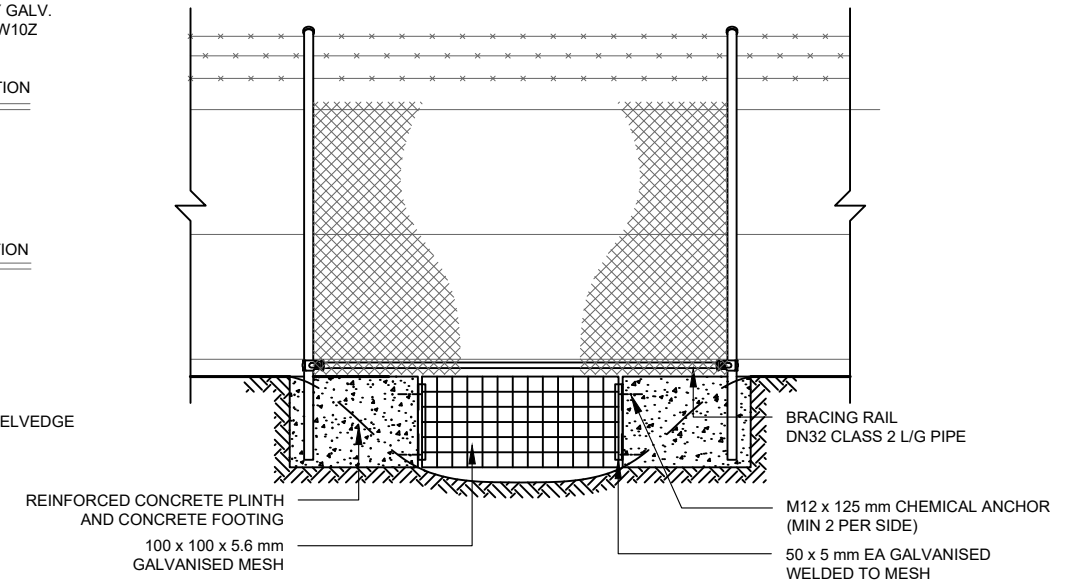
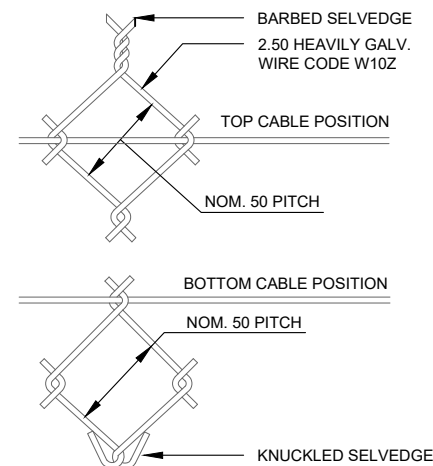
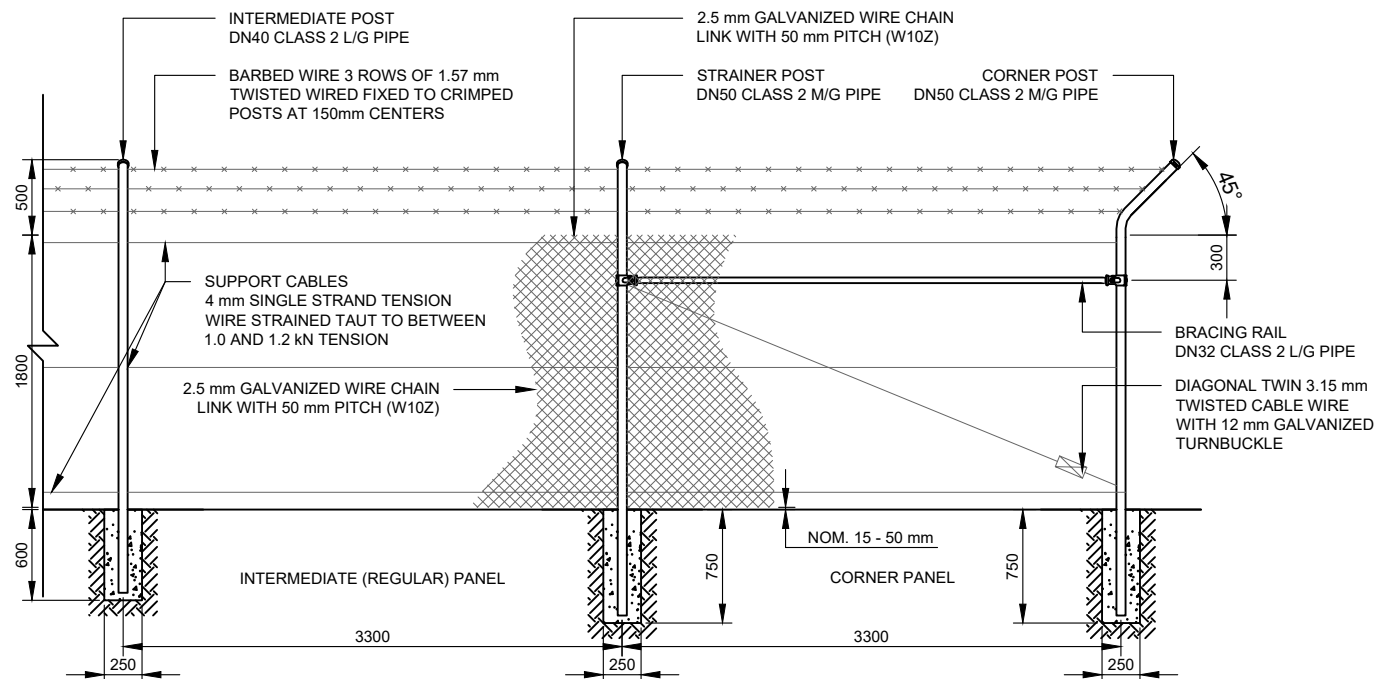
2 INDICATIVE FOOTING SIDE SECTION
SCALE: 1:50



3 INDICATIVE FOOTING END SECTION
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	MJB	DRAWING INVERTER STATION FOOTING DETAIL				
1	ISSUED FOR DA APPROVAL	16/12/19				CHECKED	AN					
2	----	----				APPROVED	SD					
3	----	----				DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.		PROJECT	DAISY HILL 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 ADDRESS	ITP DEVELOPMENTS RACECOURSE RD HILLSTON, NSW 2675		SHEET SIZE	A3
5	----	----						REV. DATE		15/1/21		
6	----	----	DRAWING NO.		HIL1A-C-430			REV NO.	1			

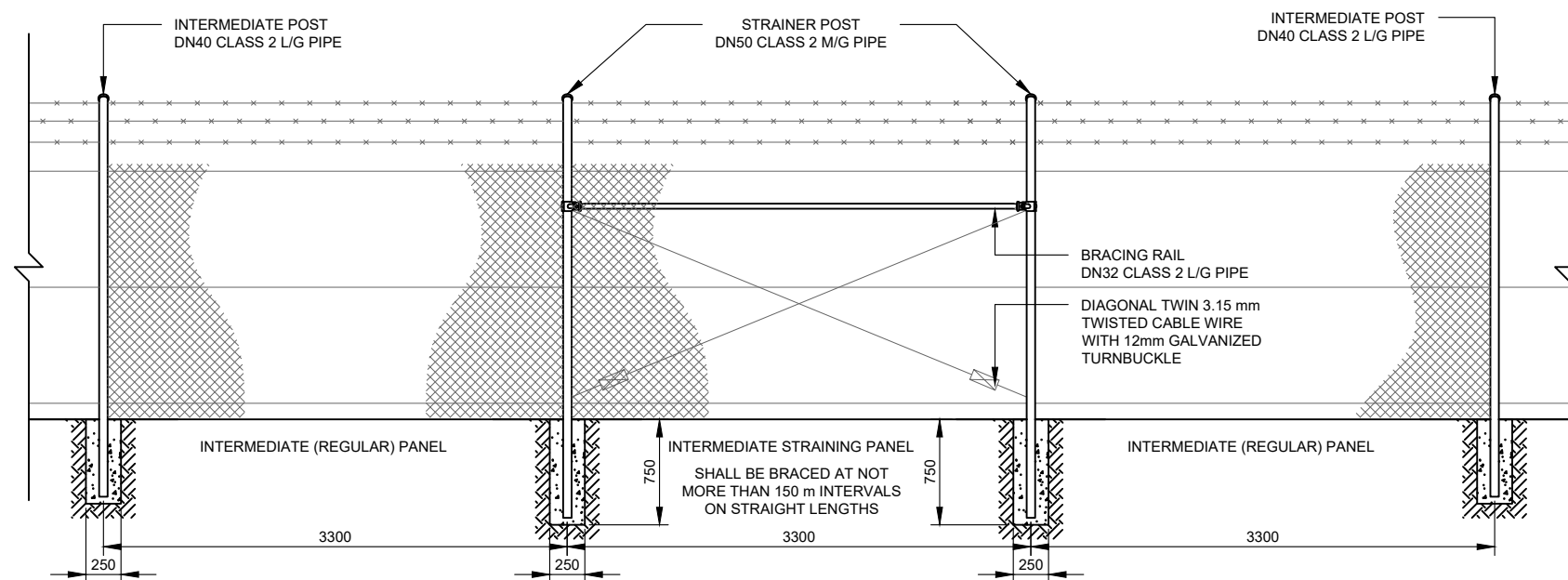


1 TYPICAL FENCE SECTION
SCALE: 1:50

FENCE AND GATES TO BE DESIGNED AND CONSTRUCTED TO AS 1725 PART 1

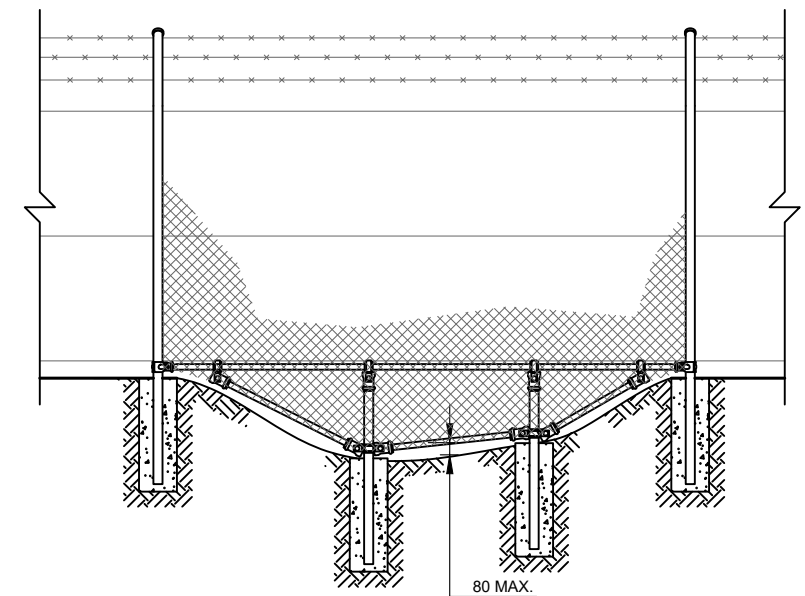
3 TYPICAL STORMWATER CROSSING
SCALE: 1:50

FENCE AND GATES TO BE DESIGNED AND CONSTRUCTED TO AS 1725 PART 1



2 INTERMEDIATE STRAINING PANEL FENCE SECTION
SCALE: 1:50

FENCE AND GATES TO BE DESIGNED AND CONSTRUCTED TO AS 1725 PART 1



4 TYPICAL GULLY CROSSING
SCALE: 1:50

FENCE AND GATES TO BE DESIGNED AND CONSTRUCTED TO AS 1725 PART 1

DEVELOPMENT APPLICATION

NO.	STAGE	DATE	NOTES	PARTNERS	DRAWN	MJB	CHECKED	AN	APPROVED	SD	DRAWING	TYPICAL FENCING DETAILS	SCALE	AS NOTED
1	ISSUED FOR DA APPROVAL	16/12/19	FENCE POSTS, STRAINER POSTS, STRAINER WIRES & WIRE NETTING IN A BLACK FINISH.								PROJECT	DAISY HILL SOLAR FARM	SHEET SIZE	A3
2	----	----									CLIENT	ITP DEVELOPMENTS	ORIG. DATE	23/11/18
3	----	----									ADDRESS	RACECOURSE RD	REV. DATE	15/1/21
4	----	----												
5	----	----									DRAWING NO.	HIL1A-C-530	REV NO.	1
6	----	----												

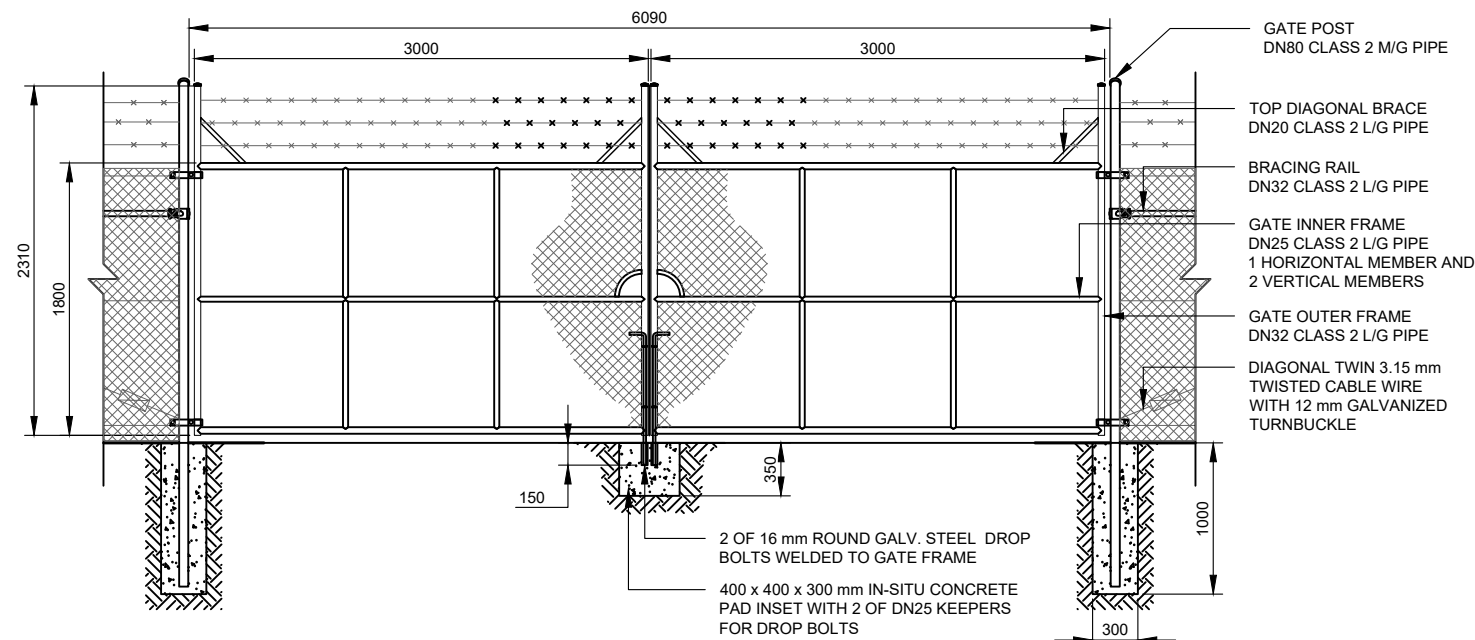


P: +61 2 6257 3511
info@itp.com.au
www.itpau.com.au

PO BOX 6217
O'CONNOR, ACT 2602
AUSTRALIA

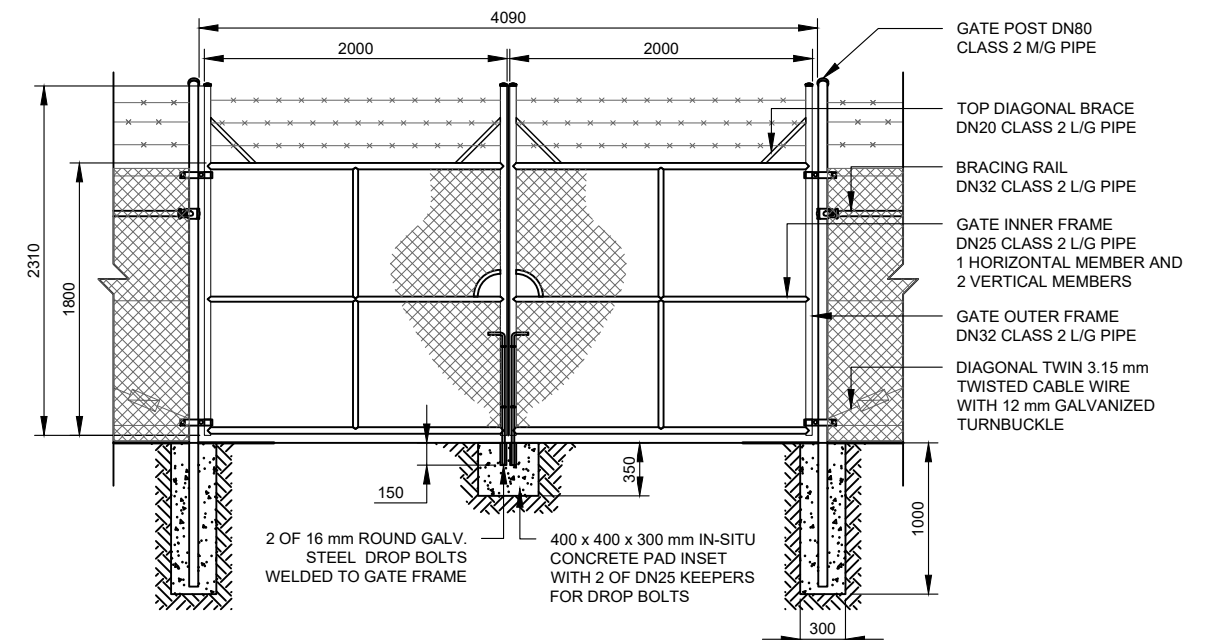
DO NOT SCALE.
ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.
THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.

DRAWING NO. **HIL1A-C-530**



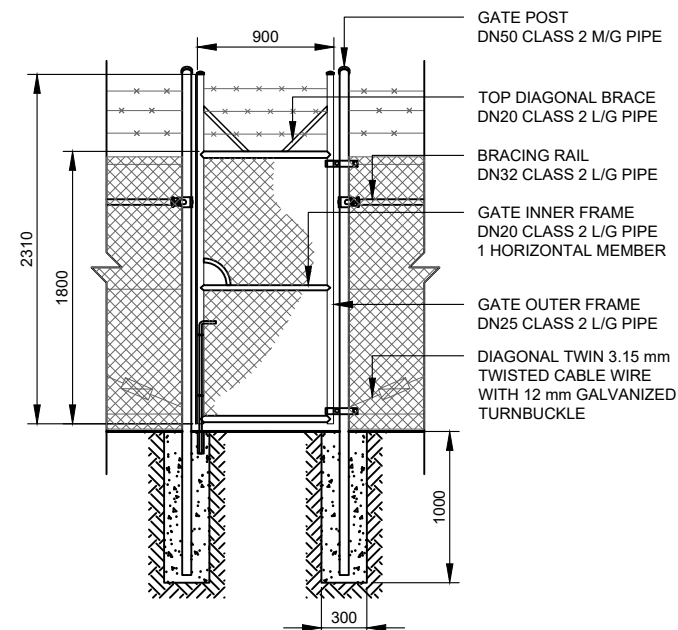
5 DOUBLE LEAF 6 METRE GATE SECTION
SCALE: 1:50

FENCE AND GATES TO BE DESIGNED AND CONSTRUCTED TO AS 1725 PART 1



6 DOUBLE LEAF 4 METRE GATE SECTION
SCALE: 1:50


FENCE AND GATES TO BE DESIGNED AND CONSTRUCTED TO AS 1725 PART 1

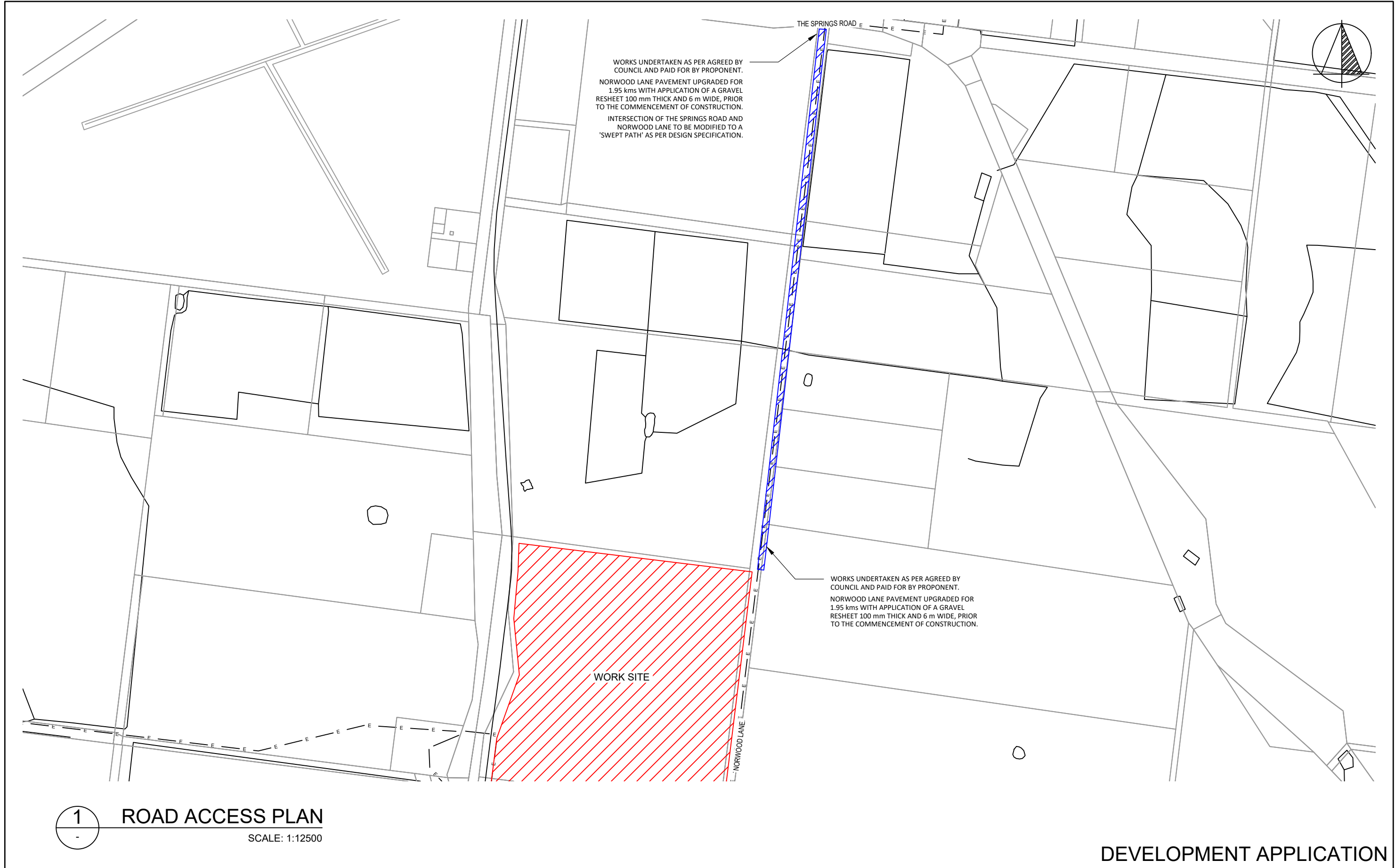


7 SINGLE LEAF GATE SECTION
SCALE: 1:50

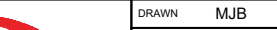
FENCE AND GATES TO BE DESIGNED AND CONSTRUCTED TO AS 1725 PART 1

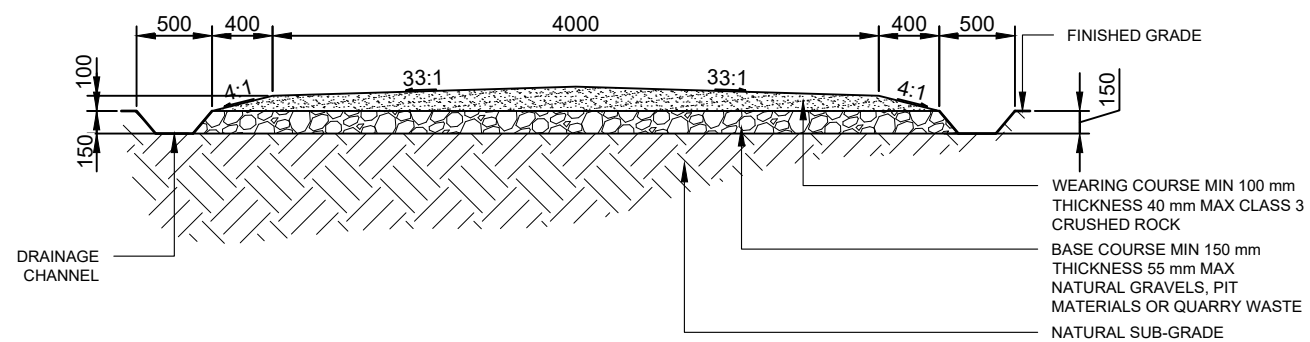
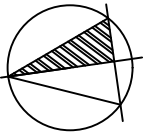
DEVELOPMENT APPLICATION

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: MJB CHECKED: AN APPROVED: SD 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: GATE DETAILS PROJECT: DAISY HILL SOLAR FARM CLIENT ADDRESS: ITP DEVELOPMENTS RACECOURSE RD HILLSTON, NSW 2675 DRAWING NO: HIL1A-C-531	SCALE: AS NOTED SHEET SIZE: A3 ORIG. DATE: 23/11/18 REV. DATE: 15/1/21 REV NO: 1
1	DEVELOPMENT APPLICATION	12/01/2021						
2	----	----						
3	----	----						
4	----	----						
5	----	----						
6	----	----						

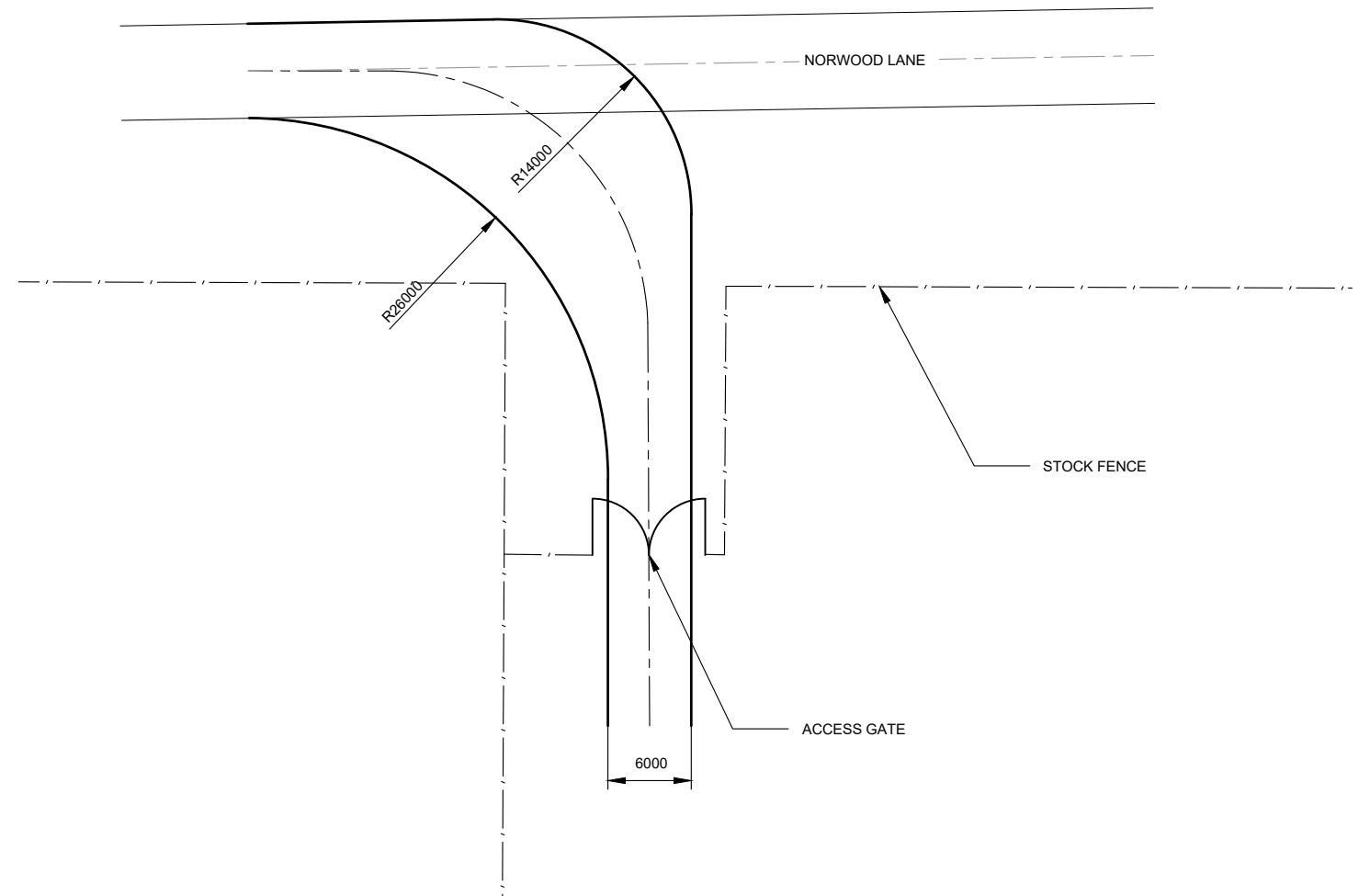


DEVELOPMENT APPLICATION

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	MJB	DRAWING	ROAD ACCESS PLAN			
1	DEVELOPMENT APPLICATION	08/01/2021	DUST SUPPRESSION OF NORWOOD LANE VIA WATER CARTING AS PER REQUIRED.			CHECKED	AN		----			
2	----	----	TRAFFIC CONTROL MEASURES AND PROCEDURES TO BE UNDERTAKEN DURING ROADWORKS UPGRADE.			APPROVED	SD					
3	----	----				DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.		PROJECT	DAISY HILL 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 ADDRESS	ITP DEVELOPMENTS RACECOURSE RD HILLSTON, NSW 2675	SHEET SIZE	A3	
5	----	----								ORIG. DATE	16/12/19	
6	----	----								REV. DATE	15/1/21	
						DRAWING NO.	HIL1A-C-610	REV NO.	1			




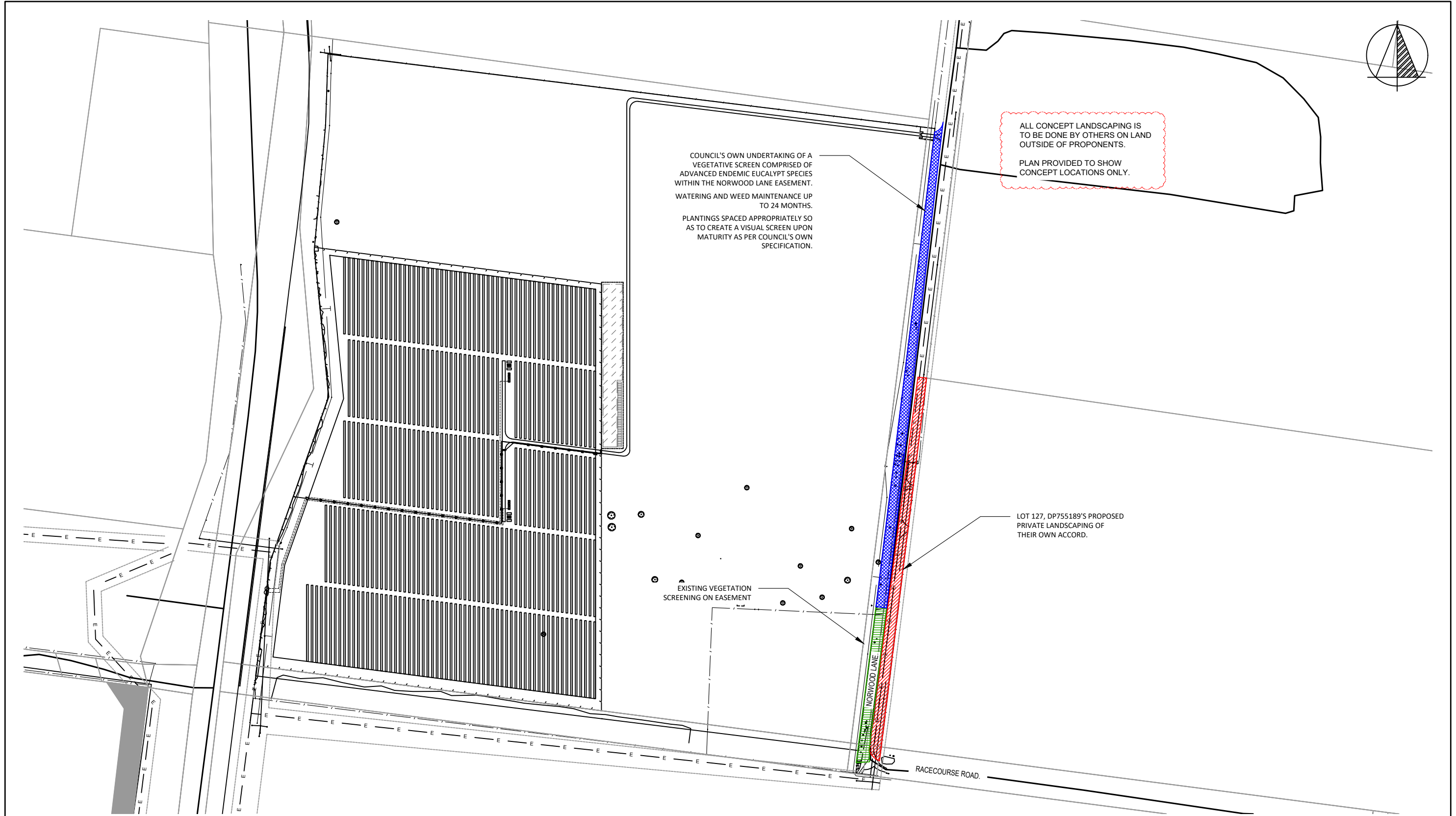
1 CROSS SECTION - PRIMARY ROAD
SCALE: 1:50



2 SITE ACCESS DETAIL FROM NORWOOD LANE
SCALE: 1:500


DEVELOPMENT APPLICATION

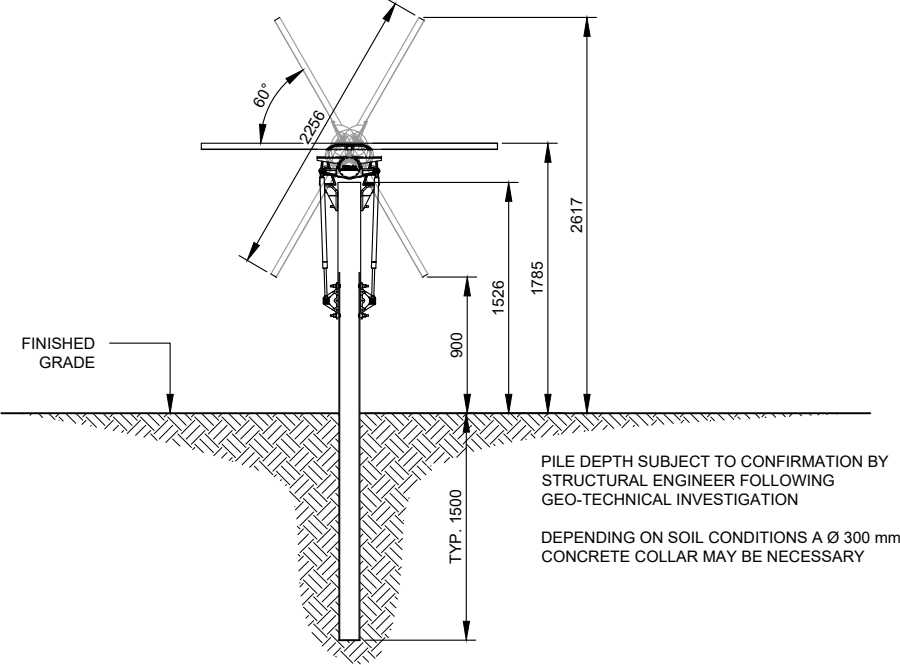
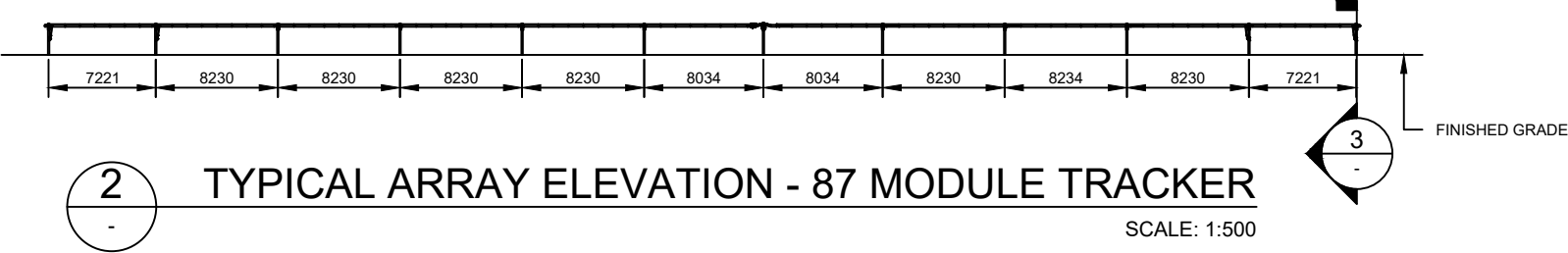
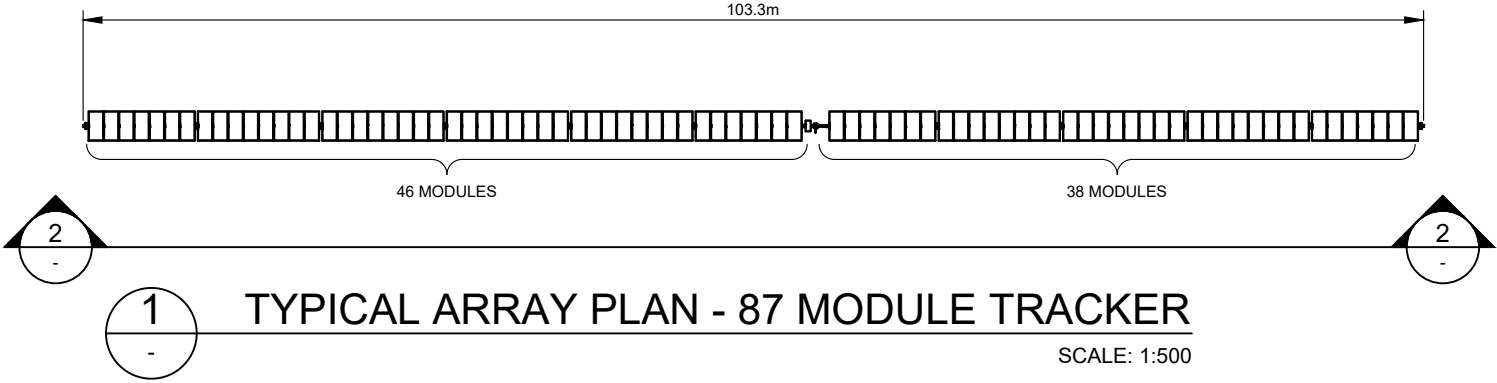
NO.	STAGE	DATE	NOTES	PARTNERS	 P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA	DRAWN MJB CHECKED AN APPROVED SD	DRAWING ACCESS ROAD DETAIL		PROJECT DAISY HILL SOLAR FARM	SCALE AS NOTED
1	ISSUED FOR DA APPROVAL	19/12/19				DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	DRAWING NO. HIL1A-C-630		CLIENT ITP DEVELOPMENTS ADDRESS RACECOURSE RD HILLSTON, NSW 2675	SHEET SIZE A3
2	UPDATED FOR NEW ACCESS POINT	28/8/20				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.	REV. DATE 15/1/21			REV. NO. 1
3	----	----								
4	----	----								
5	----	----								
6	----	----								



1 LANDSCAPE & ENVIRONMENTAL PLAN
SCALE: 1:5000

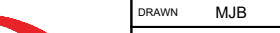
DEVELOPMENT APPLICATION

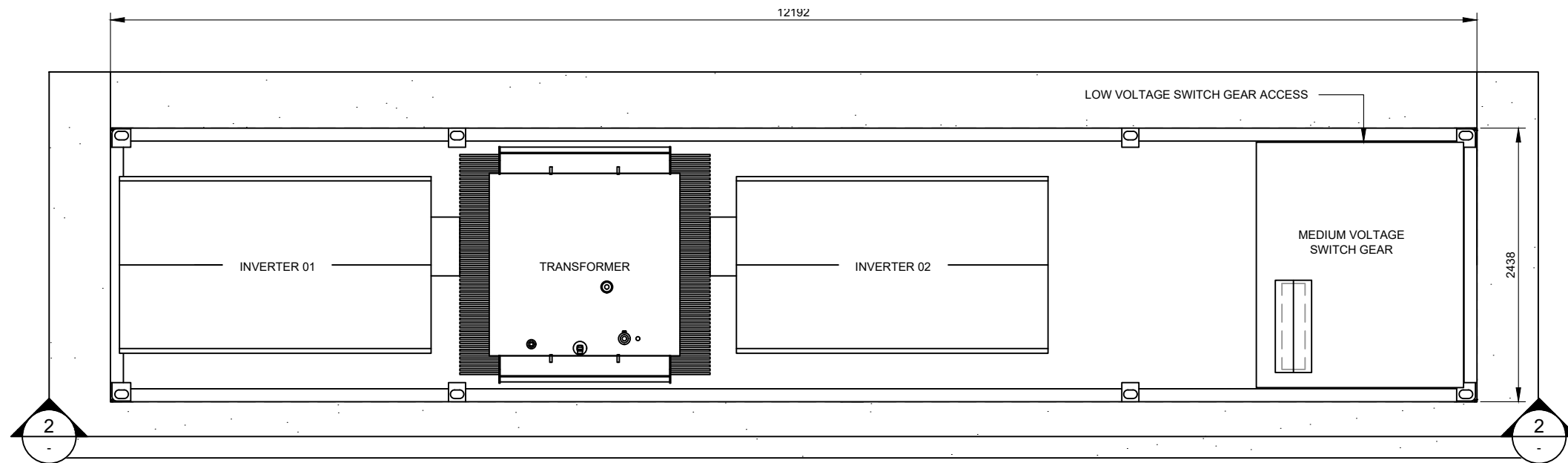
NO.	STAGE	DATE	NOTES	PARTNERS				
1	DEVELOPMENT APPLICATION	08/01/2021	ALL CONCEPT LANDSCAPING IS TO BE DONE BY OTHERS ON LAND OUTSIDE OF PROPONENTS.		<div><p>itp RENEWABLES</p><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	<div><div>DRAWN MJB</div><div>CHECKED AN</div><div>APPROVED SD</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>	DRAWING LANDSCAPE PLAN	
2	----	----	PLAN PROVIDED TO SHOW CONCEPT LOCATIONS ONLY.				PROJECT DAISY HILL SOLAR FARM	SCALE AS NOTED
3	----	----	AS ALL PROPOSED LANDSCAPING IS DONE BY OTHERS ON THEIR OWN ACCORD, HEIGHTS AND MATURITY NOT KNOWN.				CLIENT ITP DEVELOPMENTS	SHEET SIZE A3
4	----	----					ADDRESS RACECOURSE RD	ORIG. DATE 10/5/19
5	----	----					HILLSTON, NSW 2675	REV. DATE 15/1/21
6	----	----					DRAWING NO. HIL1A-C-710	REV NO. 1



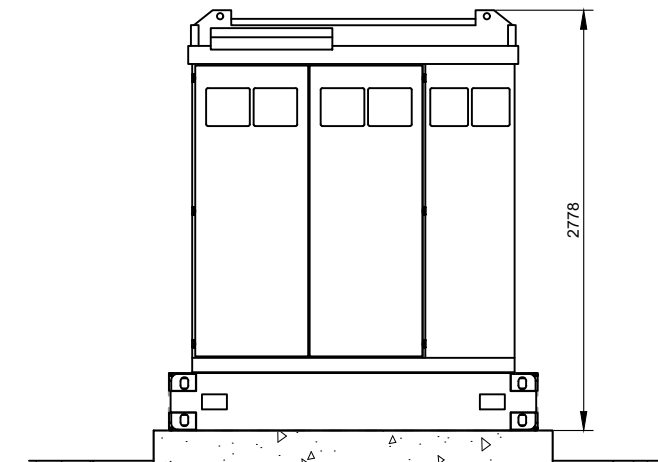
3 TYPICAL ARRAY SECTION
SCALE: 1:50

DEVELOPMENT APPLICATION

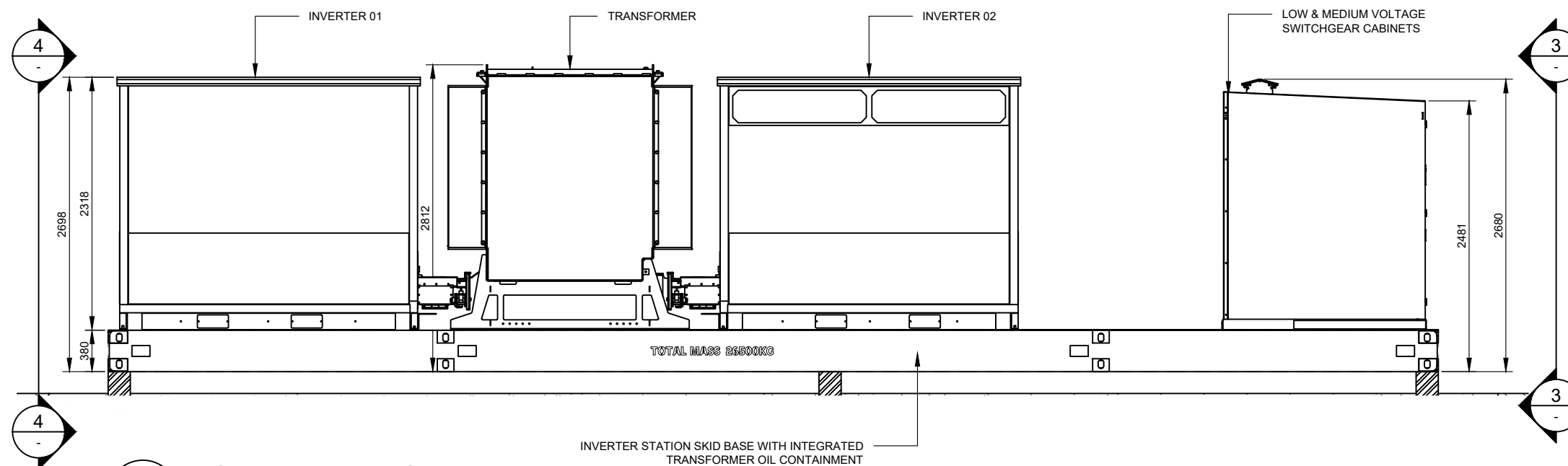
NO.		STAGE	DATE	NOTES	PARTNERS	<div><p>P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au</p><p>PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA</p></div>	DRAWN	MJB	DRAWING				TYPICAL NEXTRACKER ARRAY DETAIL			
1		ISSUED FOR DA APPROVAL	16/12/19				CHECKED	AN	-----							
2		----	----				APPROVED	SD								
3		----	----				DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.				PROJECT	DAISY HILL 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 ADDRESS	ITP DEVELOPMENTS RACECOURSE RD HILLSTON, NSW 2675		SHEET SIZE	A3	
5		----	----											ORIG. DATE	10/5/19	
6		----	----							REV. DATE	15/1/21					
				DRAWING NO.	HIL1A-E-341				REV NO.	1						



1 PLAN VIEW
SCALE: 1:50




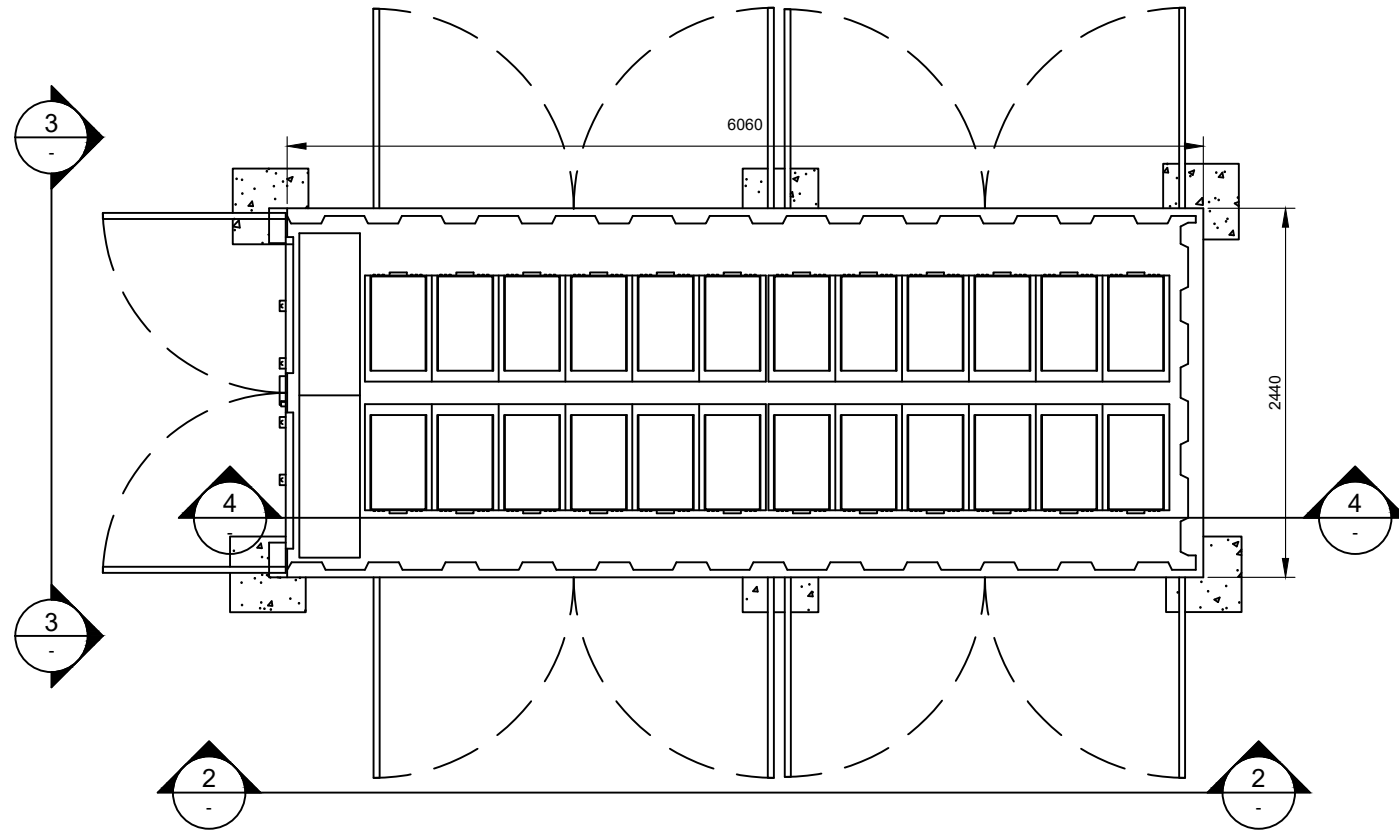
3 END ELEVATION
SCALE: 1:50



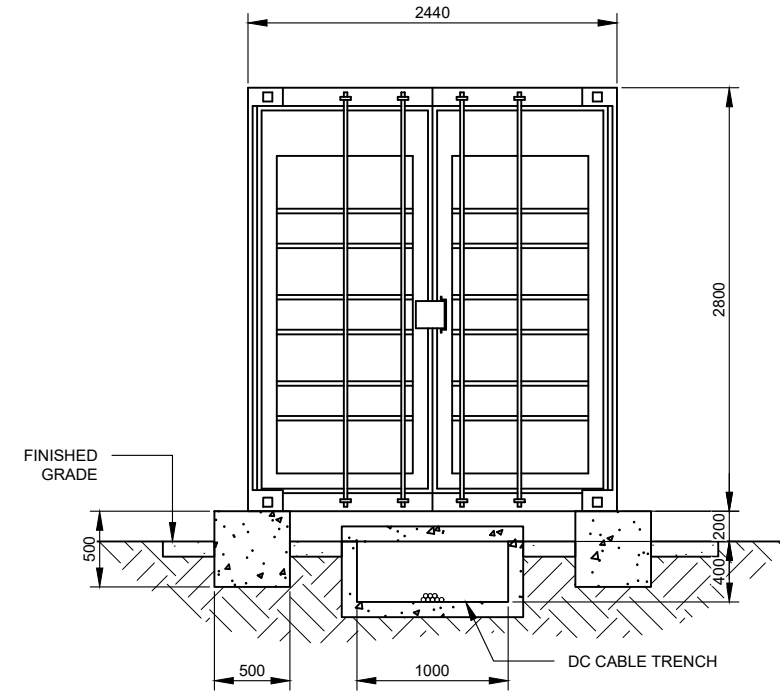
2 SIDE ELEVATION
SCALE: 1:50

DEVELOPMENT APPLICATION

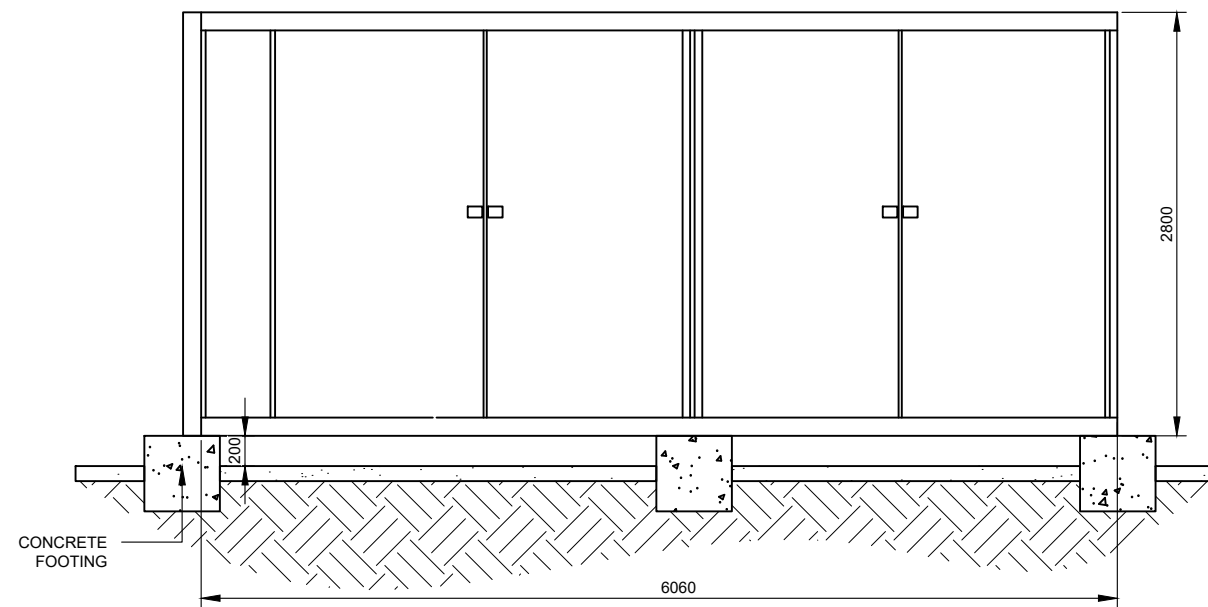
NO.	STAGE	DATE	NOTES	PARTNERS	<div>  <p> P: +61 2 6257 3511 info@itp.com.au www.itpau.com.au </p> <p> PO BOX 6217 O'CONNOR, ACT 2602 AUSTRALIA </p> </div>	DRAWN: MJB CHECKED: AN APPROVED: SD DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED. THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP 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: TYPICAL INVERTER STATION DETAIL PROJECT: DAISY HILL SOLAR FARM CLIENT ADDRESS: ITP DEVELOPMENTS, RACECOURSE RD, HILLSTON, NSW 2675 DRAWING NO.: HIL1A-E-430	SCALE: AS NOTED SHEET SIZE: A3 ORIG. DATE: 16/12/19 REV. DATE: 15/1/21 REV NO.: 1
1	ISSUED FOR DA APPROVAL	16/12/19						
2	----	----						
3	----	----						
4	----	----						
5	----	----						
6	----	----						



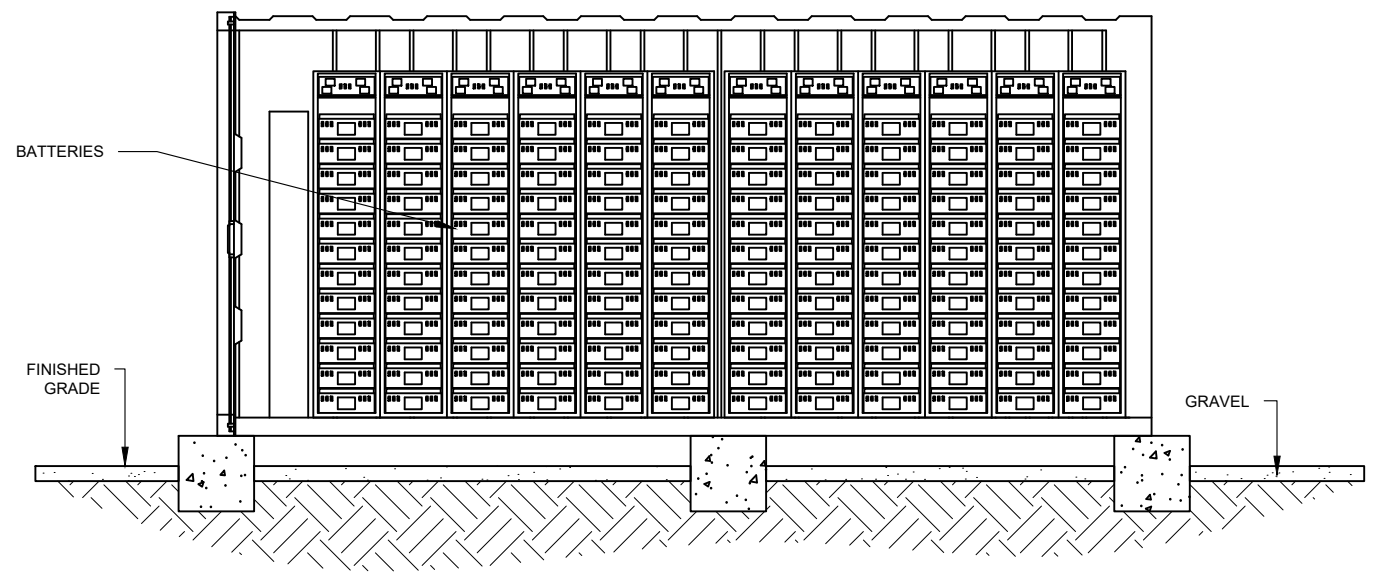
1 TYPICAL PLAN
E-530 SCALE: 1:50



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




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



4 TYPICAL 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>	DRAWN MJB	DRAWING TYPICAL BESS DETAIL ----		
1	ISSUED FOR DA APPROVAL	20/12/19		CHECKED AN					
2	----	----		APPROVED SD					
3	----	----		DO NOT SCALE. ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.		PROJECT DAISY HILL 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 ADDRESS ITP DEVELOPMENTS RACECOURSE RD HILLSTON, NSW 2675	SHEET SIZE A3		
5	----	----					ORIG. DATE 20/12/19		
6	----	----				DRAWING NO. HIL1A-E-530	REV. DATE 15/1/21		
						REV NO. 1			