BOGGABRI 5MW SOLAR FARM

DEVELOPMENT APPLICATION

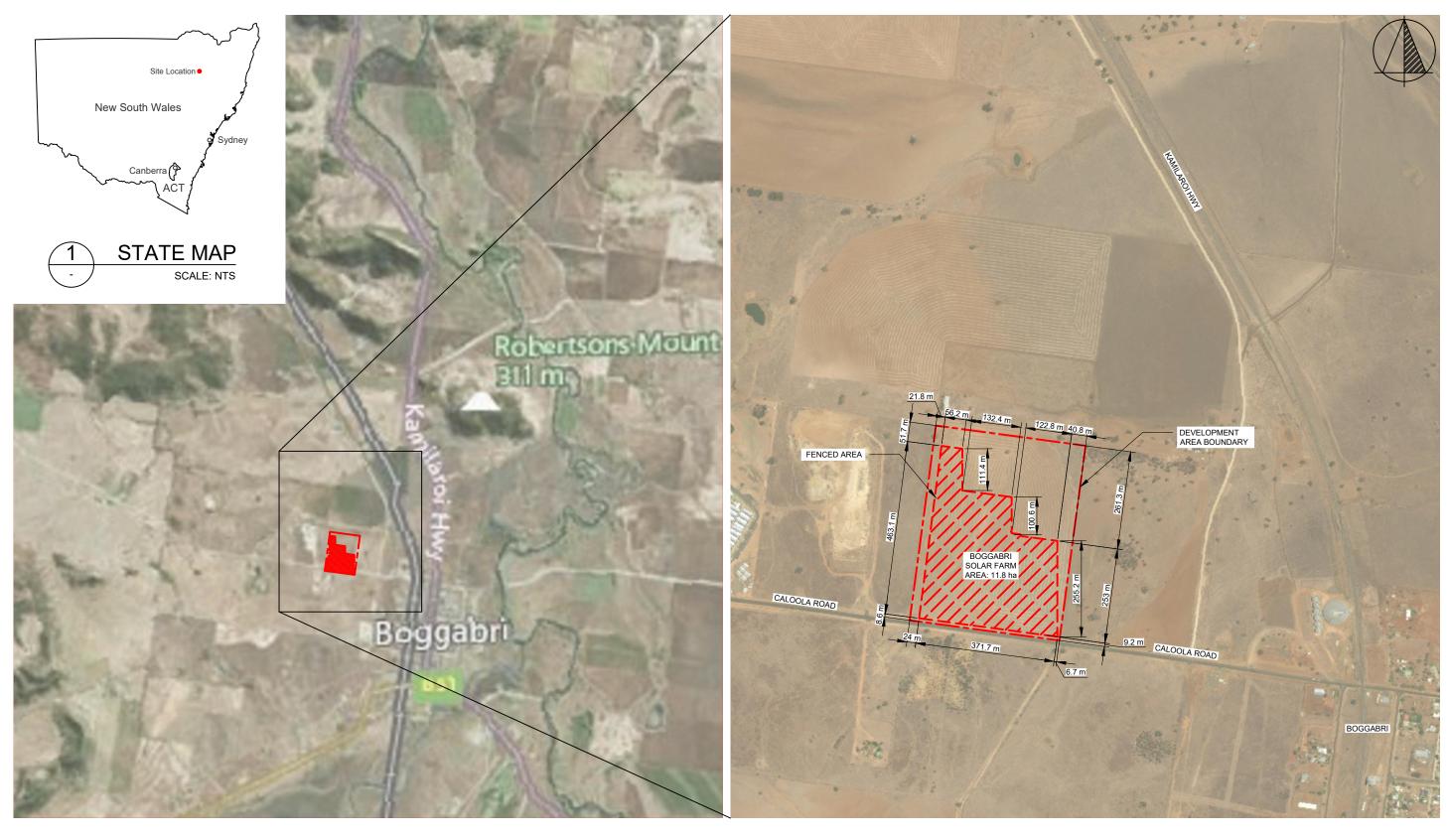
ADDRESS: 262 CALOOLA RD BOGGABRI NSW 2382



DEVELOPED BY:
ITP DEVELOPMENT



Sheet List Table Sheet Title Sheet Number G-0100 TITLE G-0400 LOCATION PLAN GENERAL ARRANGEMENT PLAN G-2100 G-2200 SITE ELEVATIONS C-4300 **INVERTER FOOTING DETAILS** C-4310 **BESS FOOTINGS DETAILS** C-5300 FENCING DETAILS C-5301 **GATE DETAILS** C-6300 ACCESS PATH DETAILS C-7300 LANDSCAPE DETAILS NEXTRACKER ARRAY DETAILS E-3400 E-4300 **INVERTER STATION DETAILS** E-5300 **BESS STATION DETAILS** DC-DC SKID DETAILS E-5310

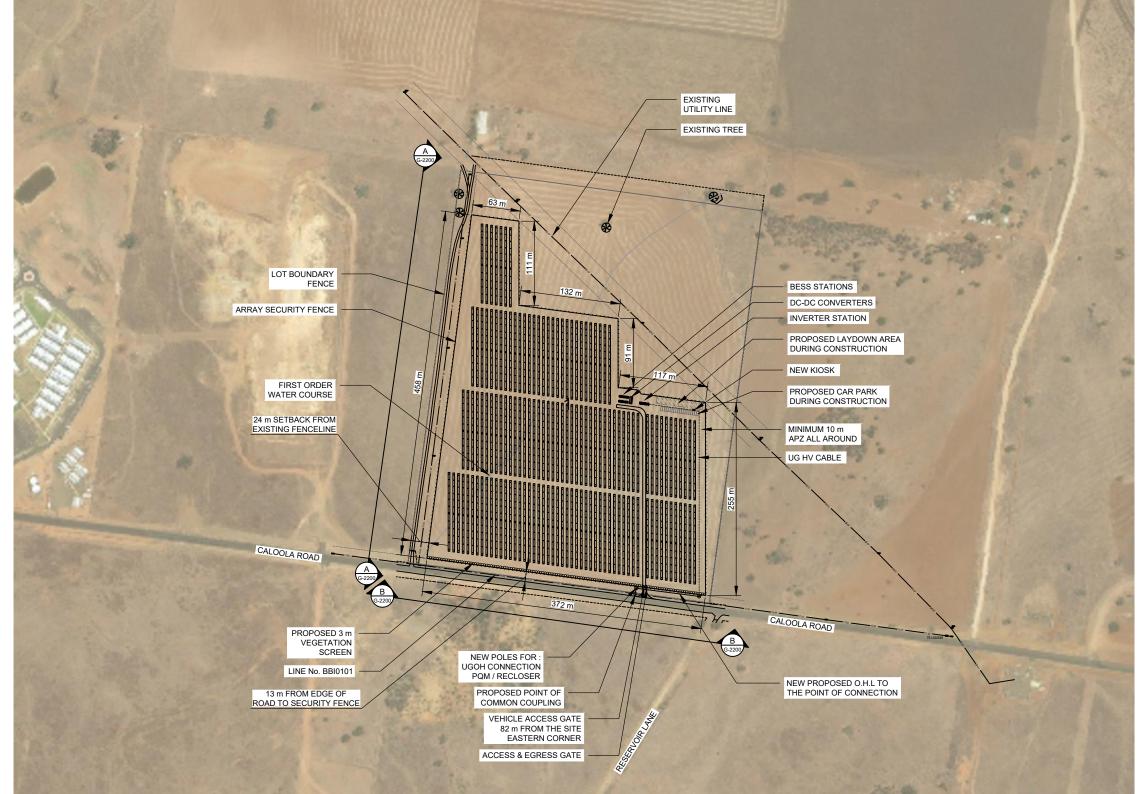






NO.	STAGE	DATE	NOTES	PARTNERS		DRAWN MJB	DRAWING	LOCATION PLAN	
1	DEVELOPMENT APPLICATION	28/07/2021			itn	CHECKED NL APPROVED SD			
2	DEVELOPMENT APPLICATION	12/08/2021			1th	DO NOT SCALE.	PROJECT	BOGGABRI 5MW SOLAR FARM	SCALE AS NOT
3	DEVELOPMENT APPLICATION	05/01/2022				ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	CLIENT	ITP DEVELOPMENT	SHEET SIZE A3
4					RENEWABLES	THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE	ADDRESS	262 CALOOLA RD	ORIG. DATE 7/1/21
5					P: +61 2 6257 3511 PO BOX 6217	WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND		BOGGABRI, NSW 2382	REV. DATE 5/1/22
6					info@itp.com.au O'CONNOR, ACT 2602 www.itpau.com.au AUSTRALIA	BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING NO	. BBI1A-G-0400	REV NO. 3





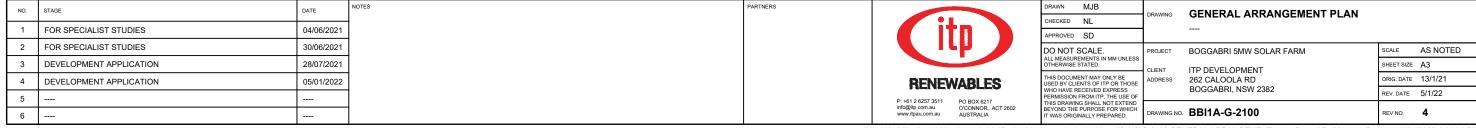
SITE INFORMATION							
LOT / DP	104/755475						
ADDRESS	262 CALOOLA RD, BOGGABRI, NSW 2382						
LGA	NARRABRI SHIRE COUNCIL						
LAT / LONG	-30.69413/150.03049						
LOT AREA	21.06 ha						
FENCED AREA	11.82 ha						
DNSP	ESSENTIAL ENERGY						

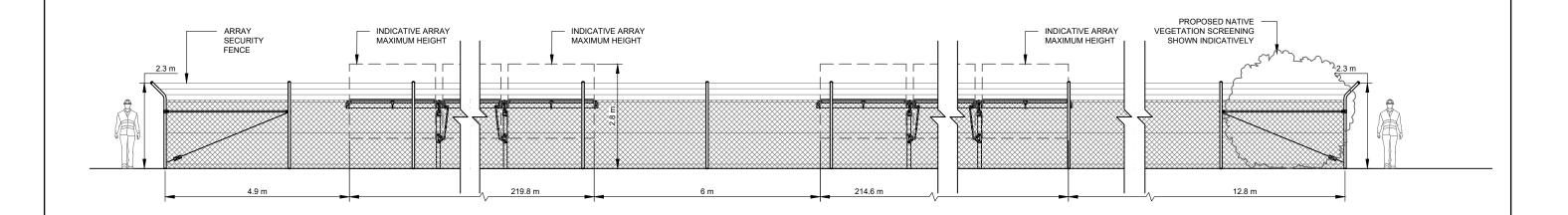
PROJECT INFORMATION							
AC CAPACITY	5.0 MW						
INVERTERS	2 x 3.4 MW AC						
TRACKER SPACING (N-S)	MIN. 1 m						
ARRAY PITCH	6.25 m						
CONNECTION VOLTAGE	11 kV						
CONNECTION FEEDER	ESSENTIAL ENERGY BBI0101						
CONNECTION SUBSTATION	ESSENTIAL ENERGY BOGGABRI ZONE SUBSTATION						
SECURITY FENCE SETBACK	MIN. 3 m FROM OPTION BOUNDARY						
ARRAY SETBACK	MIN. 10 m FROM SECURITY FENCE						
ACCESS PATH WIDTH	4 m						

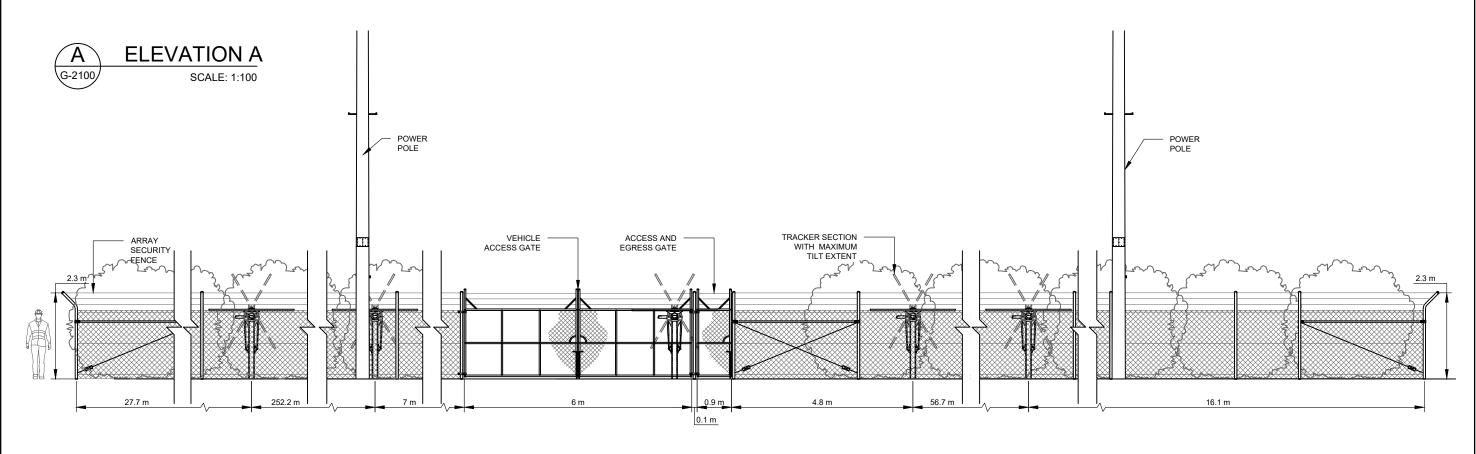


GENERAL ARRANGEMENT PLAN

SCALE: 1:5000



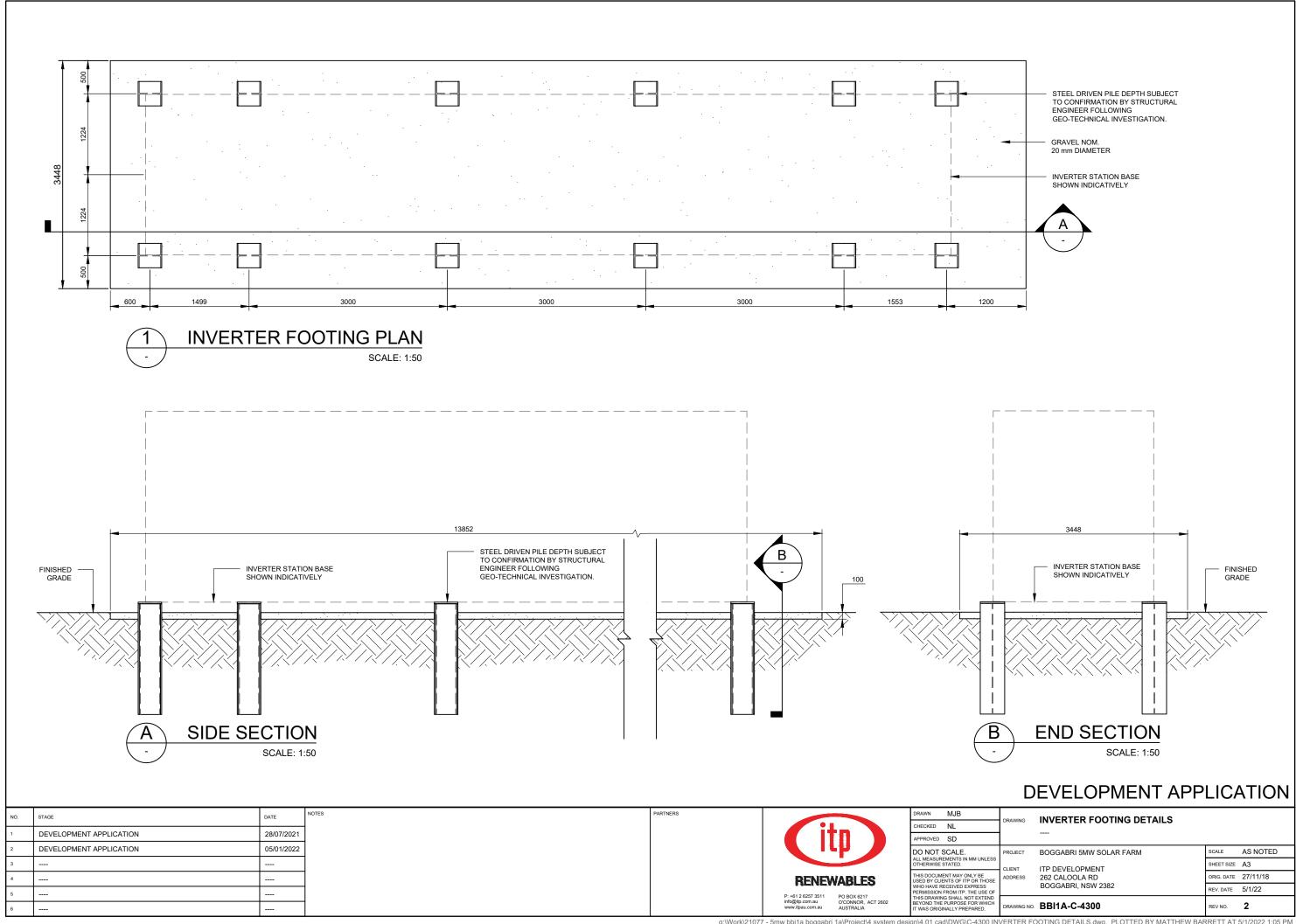


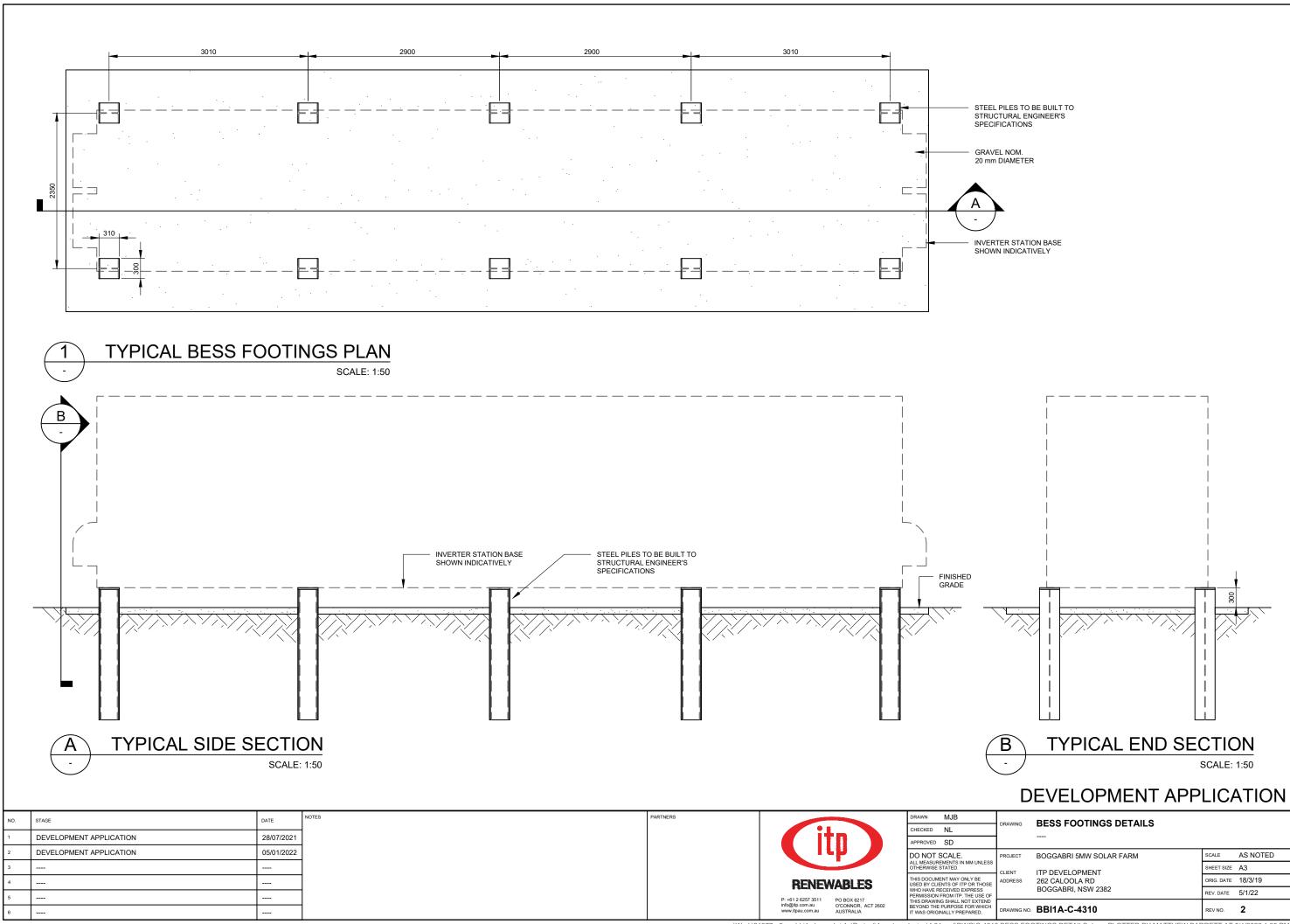


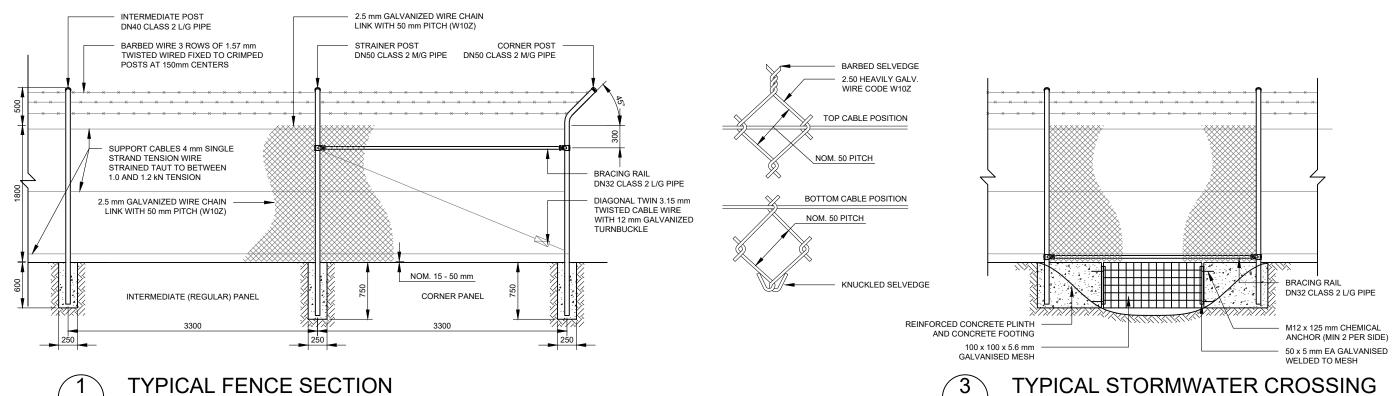


DEVELOPMENT APPLICATION

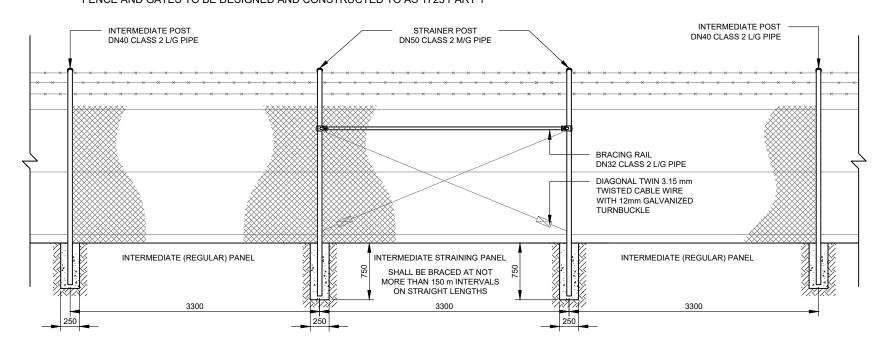
NO.	STAGE	DATE	NOTES	PARTNERS		DRAWN MJB CHECKED NL	DRAWING	SITE ELEVATIONS	
1	DEVELOPMENT APPLICATION	28/07/2021	FRACKER AND MODULE DIMENSIONS ARE INDICATIVE AND SUBJECT TO CHANGE BY THE INUFACTURER WITHOUT NOTICE.		a itn	APPROVED SD	1		
2	DEVELOPMENT APPLICATION	05/01/2022			1th	DO NOT SCALE.	PROJECT	BOGGABRI 5MW SOLAR FARM	SCALE AS NOTED
3						ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	CLIENT	ITP DEVELOPMENT	SHEET SIZE A3
4					RENEWABLES	THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE	ADDRESS	DOCCADDI NEW 2202	ORIG. DATE 2/12/20
5					P: +61 2 6257 3511 PO BOX 6217	WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND		BOGGABRI, NSW 2362	REV. DATE 5/1/22
6					info@itp.com.au O'CONNOR, ACT 2602 www.itpau.com.au AUSTRALIA		DRAWING N	o. BBI1A-G-2200	REV NO. 2







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

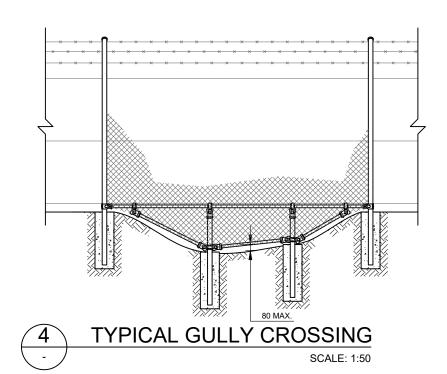


INTERMEDIATE STRAINING PANEL FENCE SECTION SCALE: 1:50

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

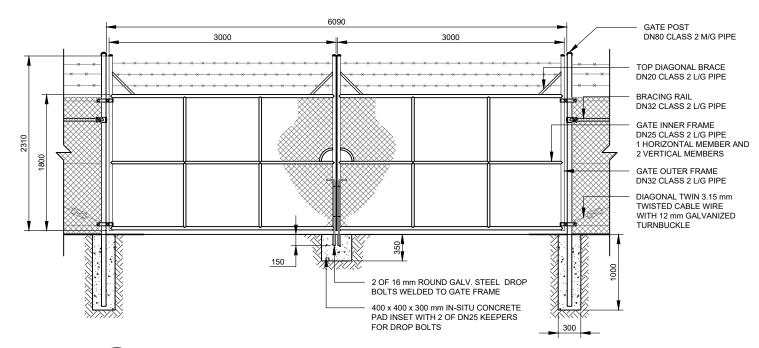
TYPICAL STORMWATER CROSSING

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



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

NO.	STAGE	DATE	NOTES	PARTNERS		DRAWN MJB	DRAWING	FENCING DETAILS	
1	DEVELOPMENT APPLICATION	28/07/2021			(itn)	CHECKED NL APPROVED SD	1		
2	DEVELOPMENT APPLICATION	05/01/2022			1th	DO NOT SCALE.	PROJECT	BOGGABRI 5MW SOLAR FARM	SCALE AS NOTED
3						ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	CLIENT	ITP DEVELOPMENT	SHEET SIZE A3
4					RENEWABLES	THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE	ADDRESS	262 CALOOLA RD BOGGABRI, NSW 2382	ORIG. DATE 23/11/18
5					P: +61 2 6257 3511 PO BOX 6217	WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND		BUGGABRI, NSW 2302	REV. DATE 5/1/22
6					info@itp.com.au O'CONNOR, ACT 2602	BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING N	∞ BBI1A-C-5300	REV NO. 2
L		1			 		2/0 5000 5	ENCINC DETAILS due DI OTTED BY MATTHEW B	ADDETT AT 5/4/0000 4:05 5

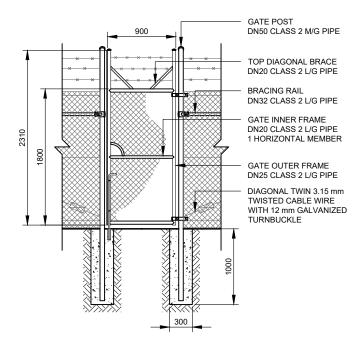


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DOUBLE LEAF 6 METRE GATE SECTION

SCALE: 1:50

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



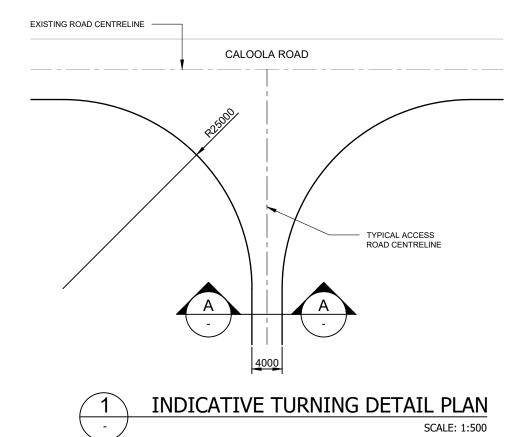
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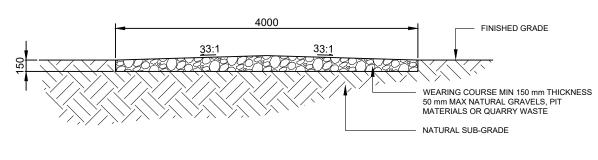
SINGLE LEAF GATE SECTION

SCALE: 1:50

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

NO.	STAGE	DATE	NOTES	PARTNERS		DRAWN WJB	DRAWING	GATE DETAILS	
1	DEVELOPMENT APPLICATION	28/07/2021			itn	CHECKED NL APPROVED SD			
2	DEVELOPMENT APPLICATION	05/01/2022			1th	DO NOT SCALE.	PROJECT	BOGGABRI 5MW SOLAR FARM	SCALE AS NOTED
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4					RENEWABLES	THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS	ADDRESS	262 CALOOLA RD	ORIG. DATE 23/11/18
5					P: +61 2 6257 3511 PO BOX 6217	PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND		BOGGABINI, NGW 2302	REV. DATE 5/1/22
6						BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING NO	BBI1A-C-5301	REV NO. 2

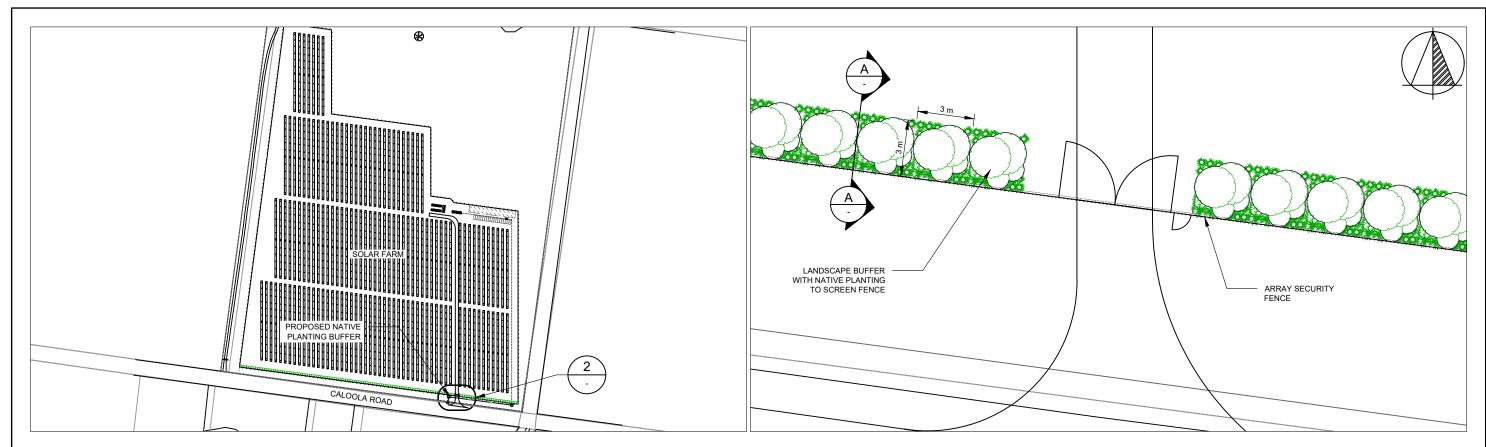




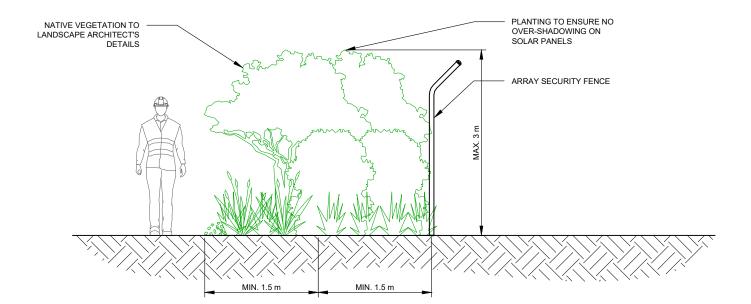
A CROSS SECTION - ACCESS PATH

SCALE: 1:50

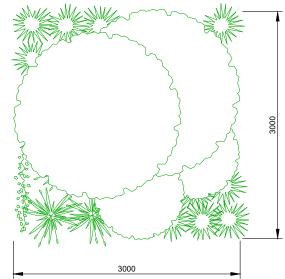
NO.	STAGE	DATE	NOTES	PARTNERS		DRAWN WJD	DRAWING	ACCESS PATH DETAILS		
1	DEVELOPMENT APPLICATION	28/07/2021			I I I I I	CHECKED NL APPROVED SD				
2	DEVELOPMENT APPLICATION	05/01/2022			1rh	DO NOT SCALE.	PROJECT	BOGGABRI 5MW SOLAR FARM	SCALE AS NOTE	
3						ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	CLIENT	ITP DEVELOPMENT	SHEET SIZE A3	
4					RENEWARI ES	THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS	ADDRESS		ORIG. DATE 5/9/18	
5					P: +61 2 6257 3511 PO BOX 6217	PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND		BOGGABITI, NOW 2302	REV. DATE 5/1/22	
6						BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING NO	BBI1A-C-6300	REV NO. 2	







LANDSCAPE DETAIL



PLANTING SCHEDULE

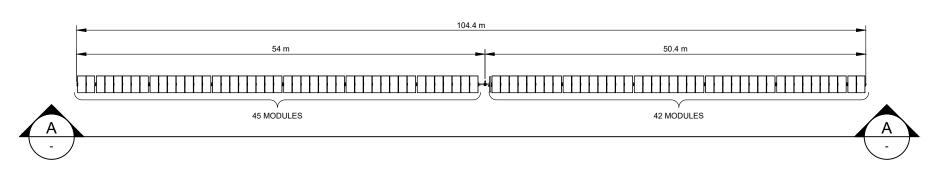
KEY PLAN SYMBOL	000000000000000000000000000000000000000
VEGETATION TYPE	NATIVE VEGETATION TO LANDSCAPE ARCHITECT'S DETAILS
SPACING	3.0 m
MAX. HEIGHT	3.0 m
	·



INDICATIVE PLANTING STYLE SCALE: 1:50

SCALE: 1:200

NO.	STAGE	DATE	NOTES	PARTNERS		DRAWN MJB	DRAWING	LANDSCAPE DETAILS		
1	DEVELOPMENT APPLICATION	28/07/2021			I I TA	CHECKED NL APPROVED SD				
2	DEVELOPMENT APPLICATION	05/01/2022				DO NOT SCALE.	PROJECT	BOGGABRI 5MW SOLAR FARM	SCALE AS N	NOTED
3						ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	CLIENT	ITP DEVELOPMENT	SHEET SIZE A3	
4						THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE WHO HAVE RECEIVED EXPRESS	ADDRESS	262 CALOOLA RD BOGGABRI, NSW 2382	ORIG. DATE 7/1/21	
5					P: +61 2 6257 3511 PO BOX 6217	PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND BEYOND THE PURPOSE FOR WHICH		DD144 0 7000		
6						IT WAS ORIGINALLY PREPARED.	DRAWING NO	D. BBI1A-C-7300	REV NO. 2	



SCALE: 1:500

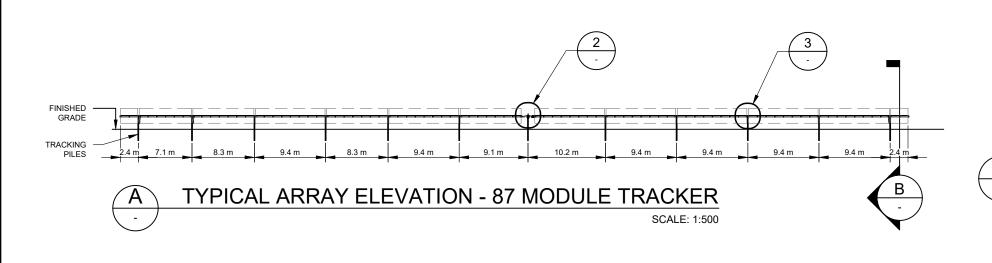
TYPICAL ARRAY PLAN - 87 MODULE TRACKER

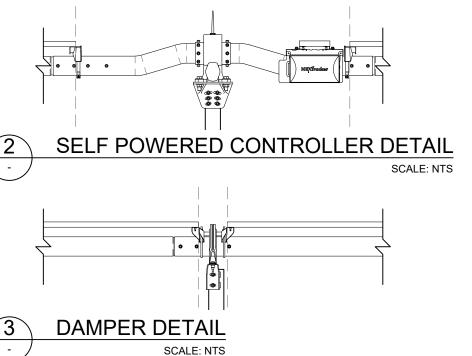
FINISHED GRADE

PILE DEPTH SUBJECT TO CONFIRMATION BY STRUCTURAL ENGINEER FOLLOWING GEO-TECHNICAL INVESTIGATION DEPENDING ON SOIL CONDITIONS A Q 300 mm CONCRETE COLLAR MAY BE NECESSARY

B TYPICAL ARRAY END ELEVATION

SCALE: 1:50





NO.	STAGE	DATE	NOTES	PARTNERS		DRAWN MJB	DRAWING	NEXTRACKER ARRAY DETAILS		
			1. TRACKER AND MODULE DIMENSIONS ARE INDICATIVE AND SUBJECT TO CHANGE BY THE		:1_	CHECKED NL	DIOWING	NEXTRACKER ARRAT DETAILS		
1	DEVELOPMENT APPLICATION	28/07/2021	MANUFACTURER WITHOUT NOTICE.			APPROVED SD	1			
2	DEVELOPMENT APPLICATION	05/01/2022				DO NOT SCALE.	PROJECT	BOGGABRI 5MW SOLAR FARM	SCALE AS NOTE	.D
3						ALL MEASUREMENTS IN MM UNLESS OTHERWISE STATED.	CLIENT	ITP DEVELOPMENT	SHEET SIZE A3	
4					RENEWABLES	THIS DOCUMENT MAY ONLY BE USED BY CLIENTS OF ITP OR THOSE	ADDRESS	262 CALOOLA RD	ORIG. DATE 17/1/19	
5					P: +61 2 6257 3511 PO BOX 6217	WHO HAVE RECEIVED EXPRESS PERMISSION FROM ITP. THE USE OF THIS DRAWING SHALL NOT EXTEND		BOGGABRI, NSW 2382	REV. DATE 5/1/22	
6						BEYOND THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.	DRAWING NO	BBI1A-E-3400	REV NO. 2	

