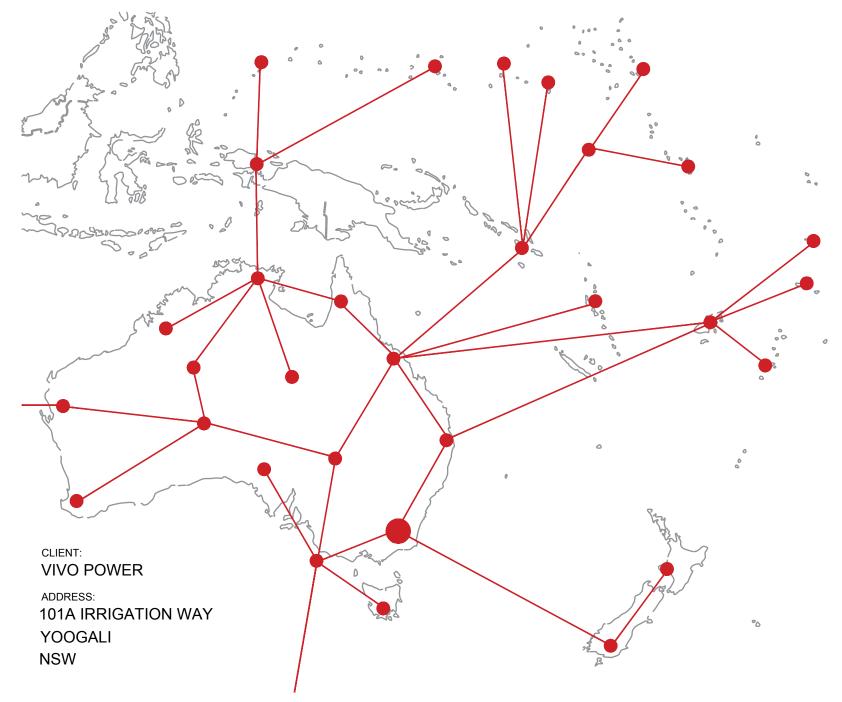
# YOOGALI SOLAR FARM DEV-01

# **DEVELOPMENT APPLICATION**





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

itpau.com.au

urner ACT 2612 **abn** 42 107 351 673 CT 2602 **p** +61 (0) 2 6257 3511 **f** +61 (0) 2 6257 6511

IT Power (Australia)

#### SHEET LIST TABLE

| SHEET NUMBER | SHEET TITLE                      |
|--------------|----------------------------------|
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| G-020        | MAIN SHEET LIST                  |
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| G-101        | SITE SURVEY                      |
| C-120        | LAYOUT PLAN                      |
| C-130        | SITE ELEVATIONS                  |
| C-410        | INVERTER STATION FOOTING PLANS   |
| C-430        | INVERTER STATION FOOTING DETAILS |
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| C-531        | FENCING DETAIL                   |
| C-532        | VEHICLE GATE DETAIL              |
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| E-430        | INVERTER STATION DETAILS         |
| E 404        | READ RETAIL                      |

- E-431 BESS DETAIL
- E-432 BESS PCS DETAIL

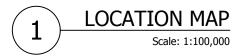
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| 3   |            |  |              |
| 4   |            | Date by 05/12/18   | Title        |
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#### **DEVELOPMENT APPLICATION**

VIVO POWER Scale NTS
YOOGALI SOLAR FARM
101A IRRIGATION WAY
YOOGALI
MAIN SHEET LIST
Size A3 Drawing No. : DEV-01-G-020 Rev: 01

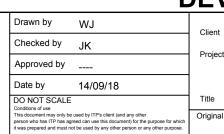






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2





Scale: 1:10,000

#### **DEVELOPMENT APPLICATION**

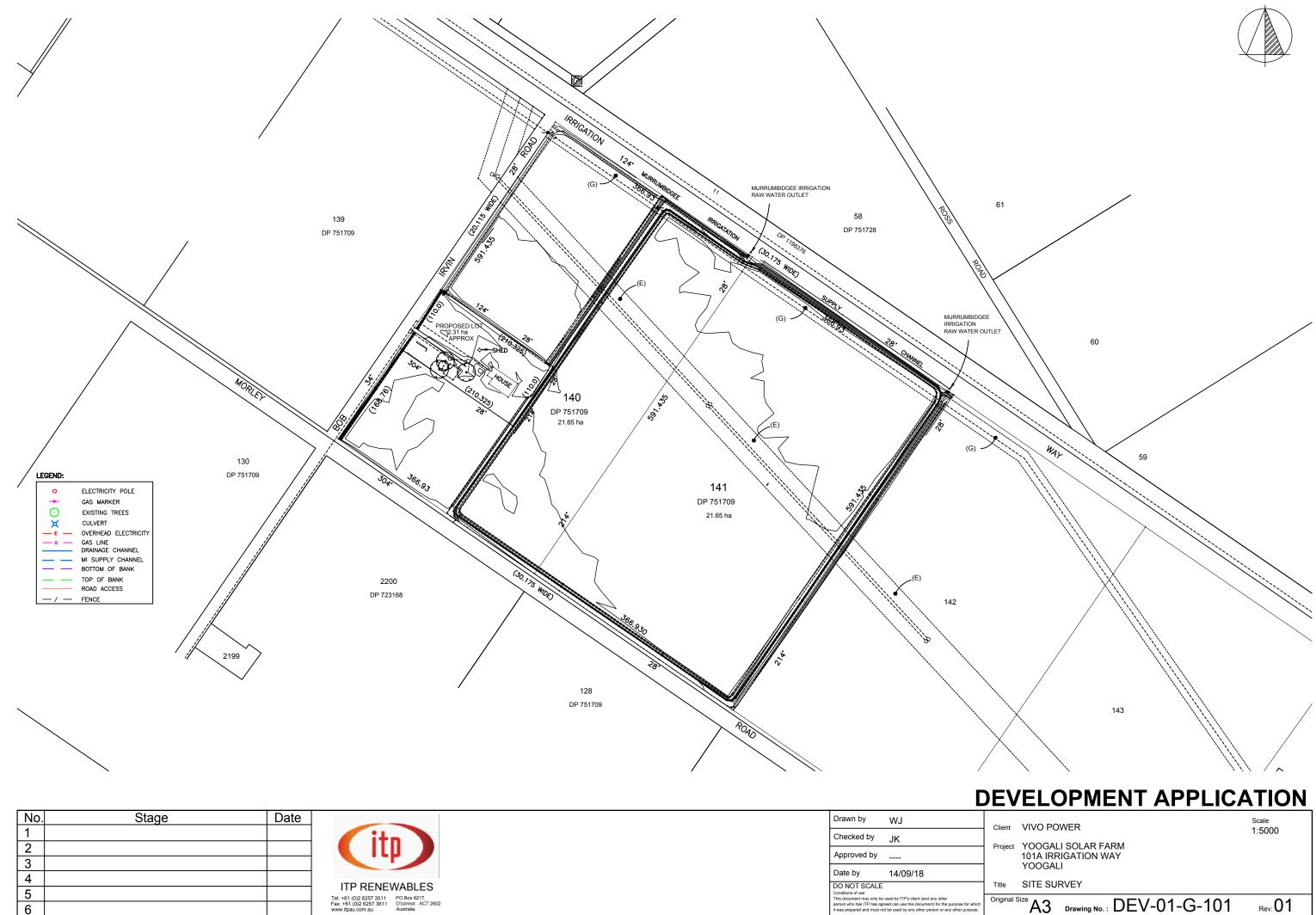
Client VIVO POWER

Project YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

LOCATION PLAN

Original Size A3 Drawing No. : DEV-01-G-100 Rev: 01

Scale AS NOTED

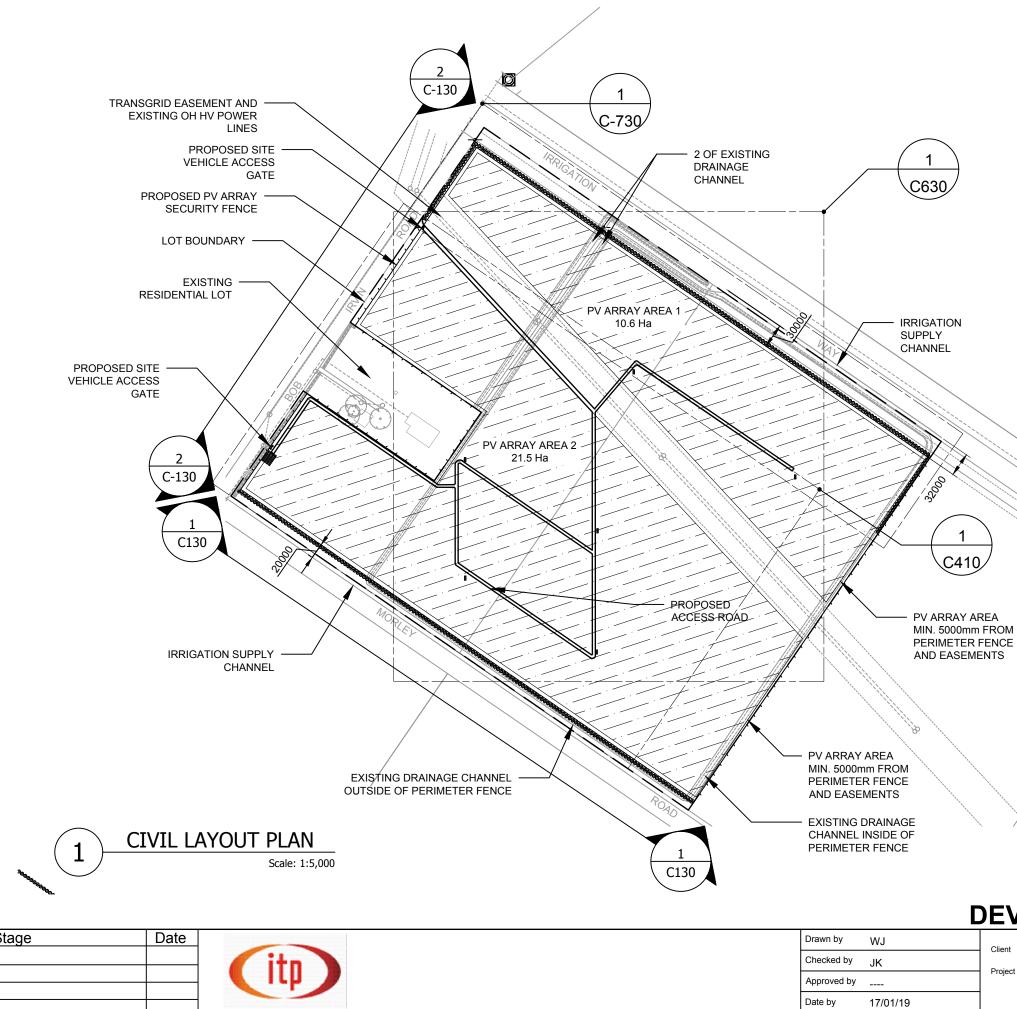


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| Drawn by  | WJ       | Client  |
|---|----------|---------|
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## **DEVELOPMENT APPLICATION**

Client VIVO POWER

Project YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

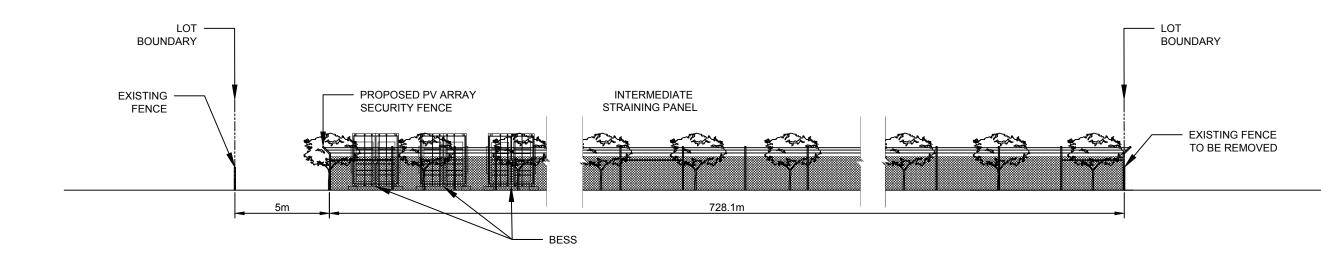
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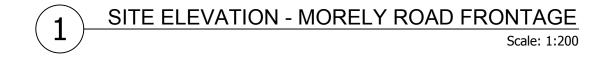
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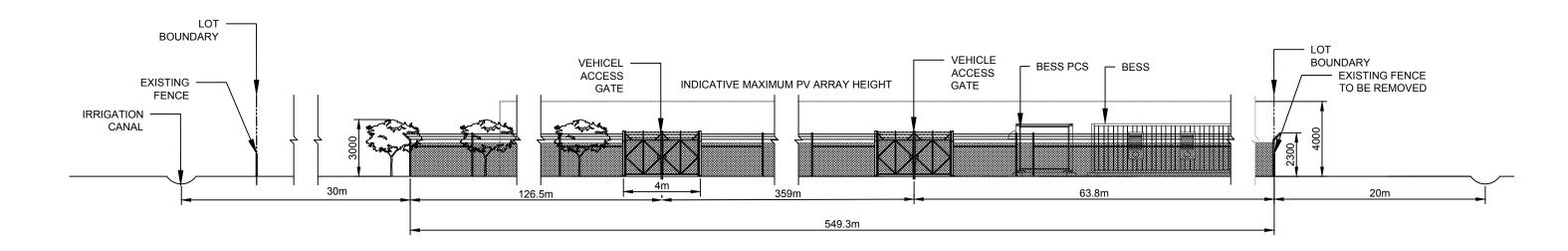
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Original Size A3 Drawing No. : DEV-01-C-120 Rev: 03

<sub>Scale</sub> 1:5000





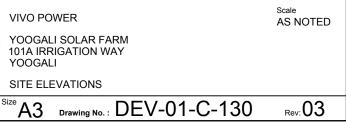


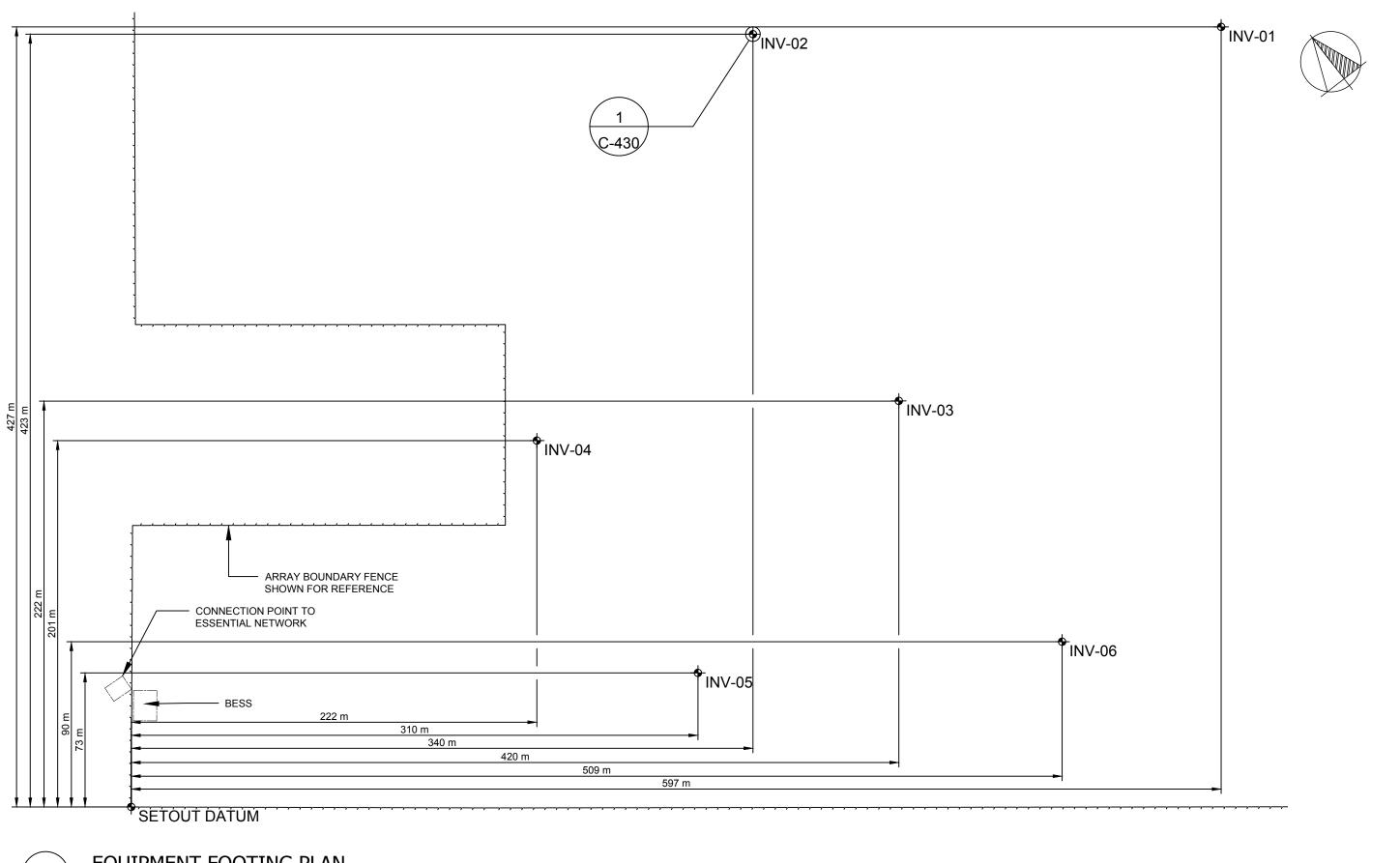


Scale: 1:200

|     |       |         |  | D  | DEV          |
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#### **VELOPMENT APPLICATION**

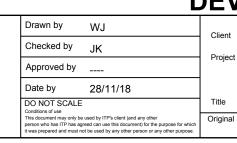






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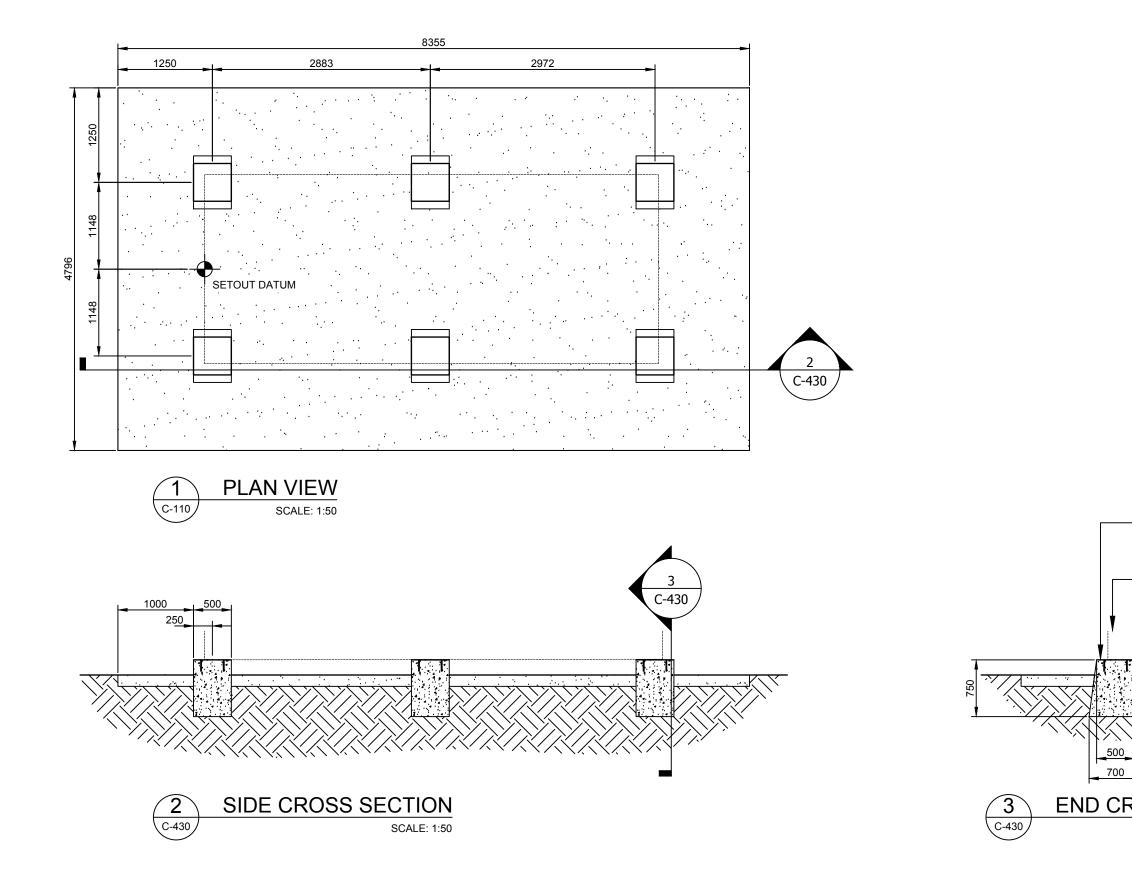


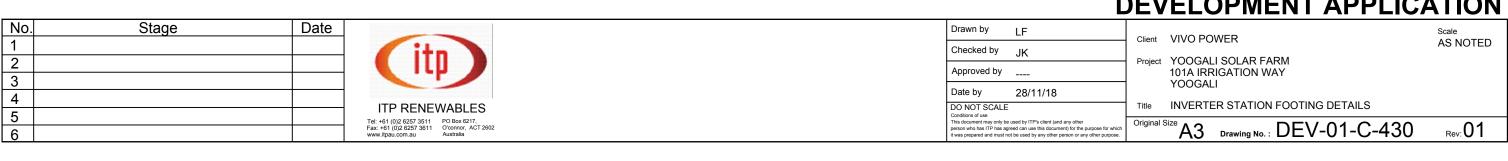
 
 Client
 VIVO POWER
 Scale 1:2000

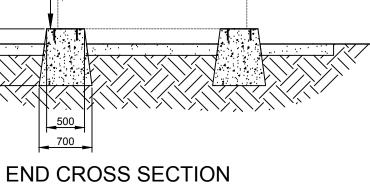
 Project
 YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI
 Inverter station Footing PLANS

 Title
 INVERTER STATION FOOTING PLANS

 Original Size A3 Drawing No.: DEV-01-C-410



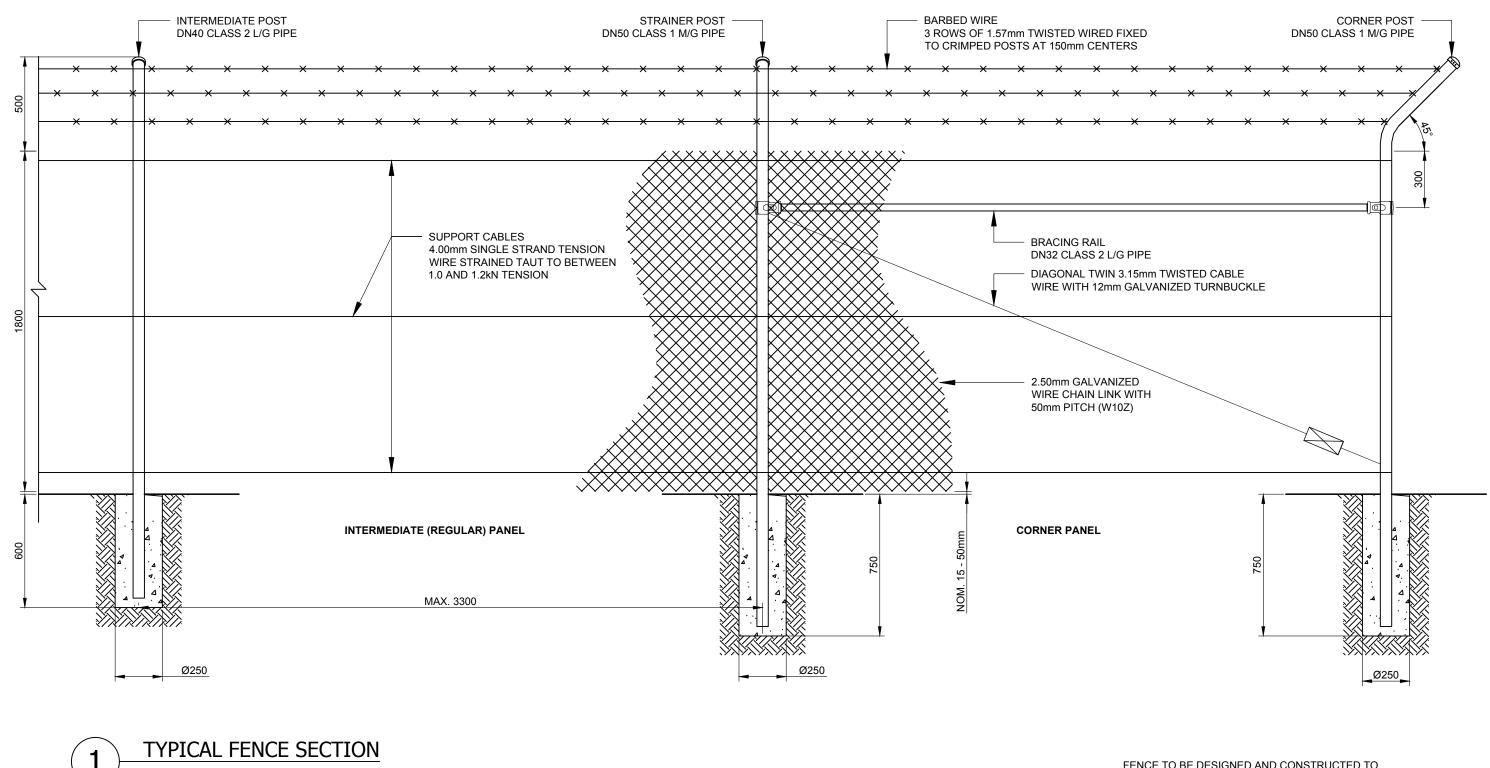




SCALE: 1:50

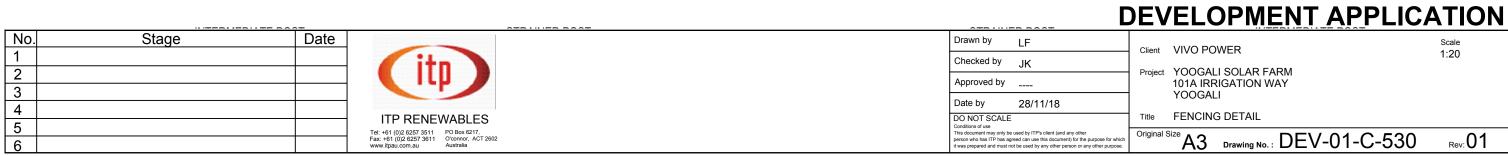
MVPSINVERTER STATION SHOWN INDICATIVELY

CONCRETE FOOTINGS EXACT DESIGN TO BE CONFIRMED BY STRUCTURAL ENGINEER

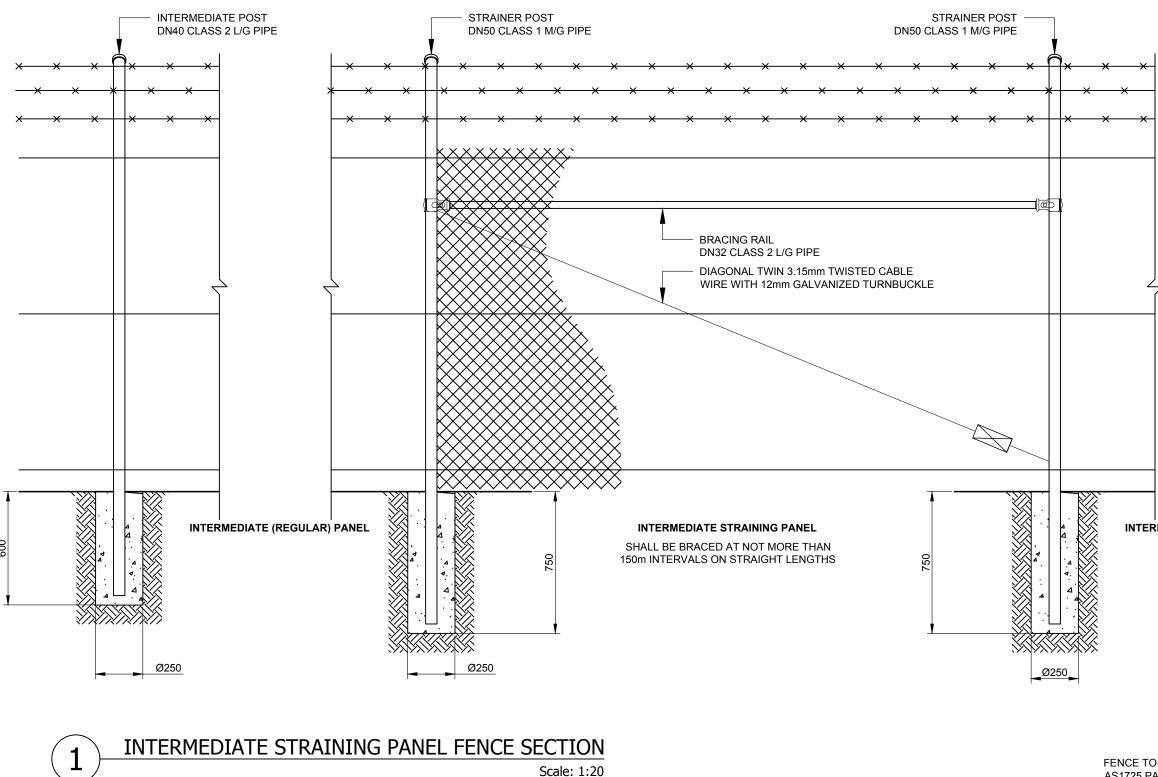


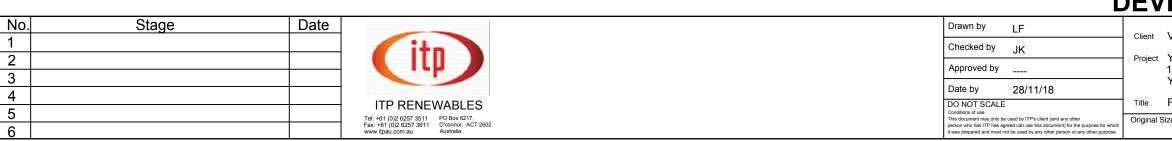
Scale: 1:20

FENCE TO BE DESIGNED AND CONSTRUCTED TO AS1725 PART 1



| <sup>ize</sup> A3 | Drawing No. : DEV-01-C-530 | Rev: 01 |
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AS1725 PART 1

#### **DEVELOPMENT APPLICATION**

Scale

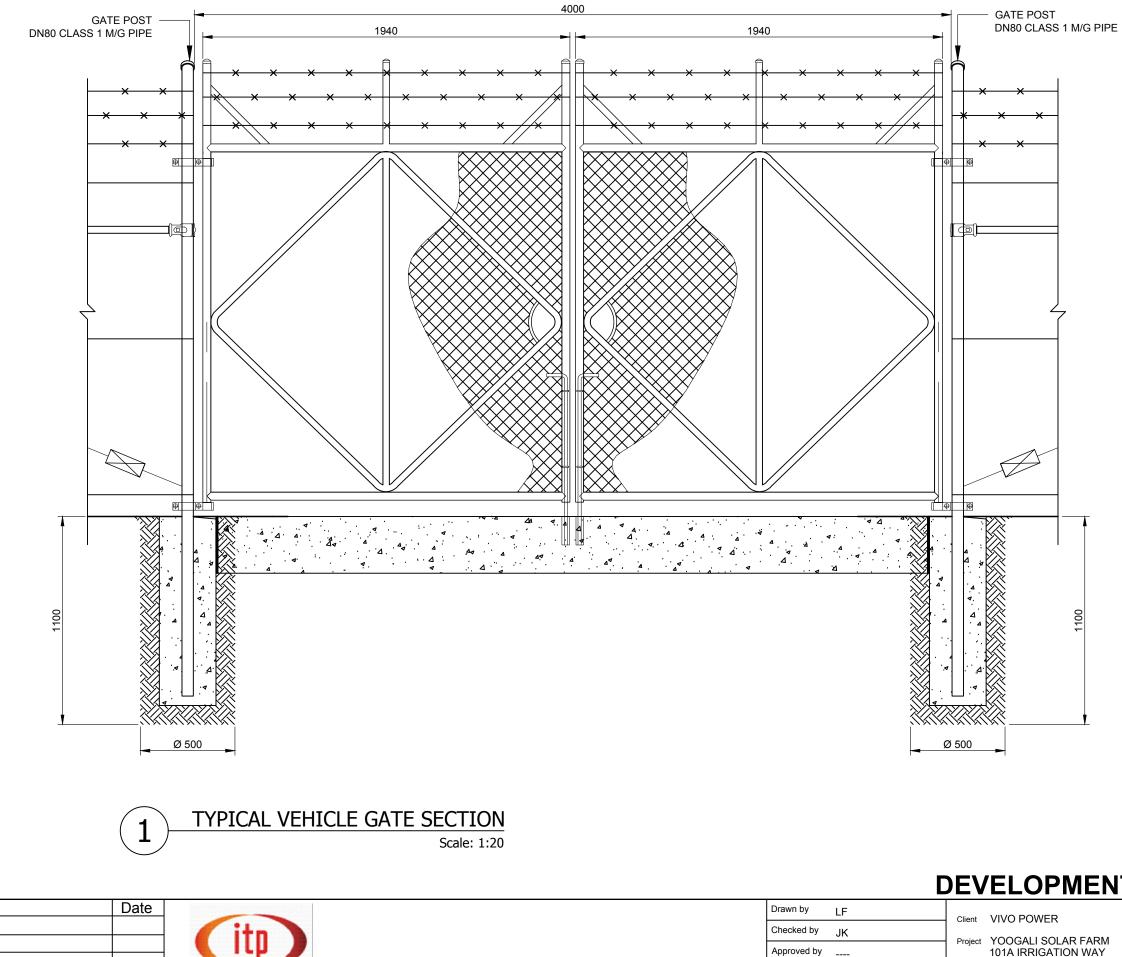
1:20

Client VIVO POWER

Project YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

FENCING DETAIL

| IZE A3 Drawing | No.: DEV-01-C-531 | Rev: 01 |
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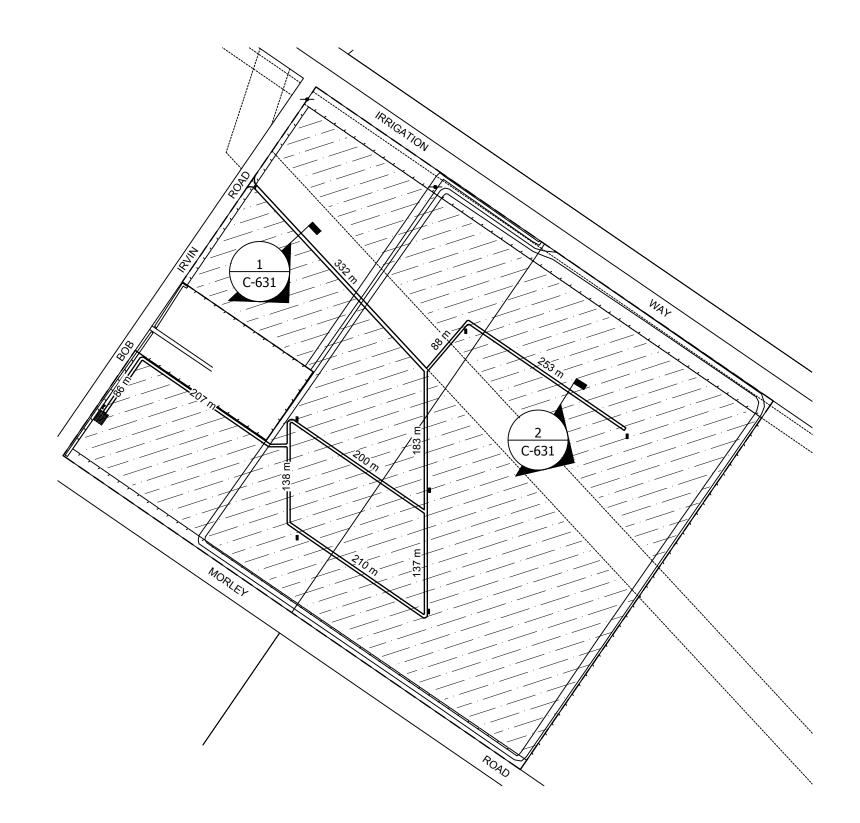
Scale 1:20 Project YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI VEHICLE GATE DETAIL Original Size A3 Drawing No. : DEV-01-C-532 Rev: 01

28/11/18

Title

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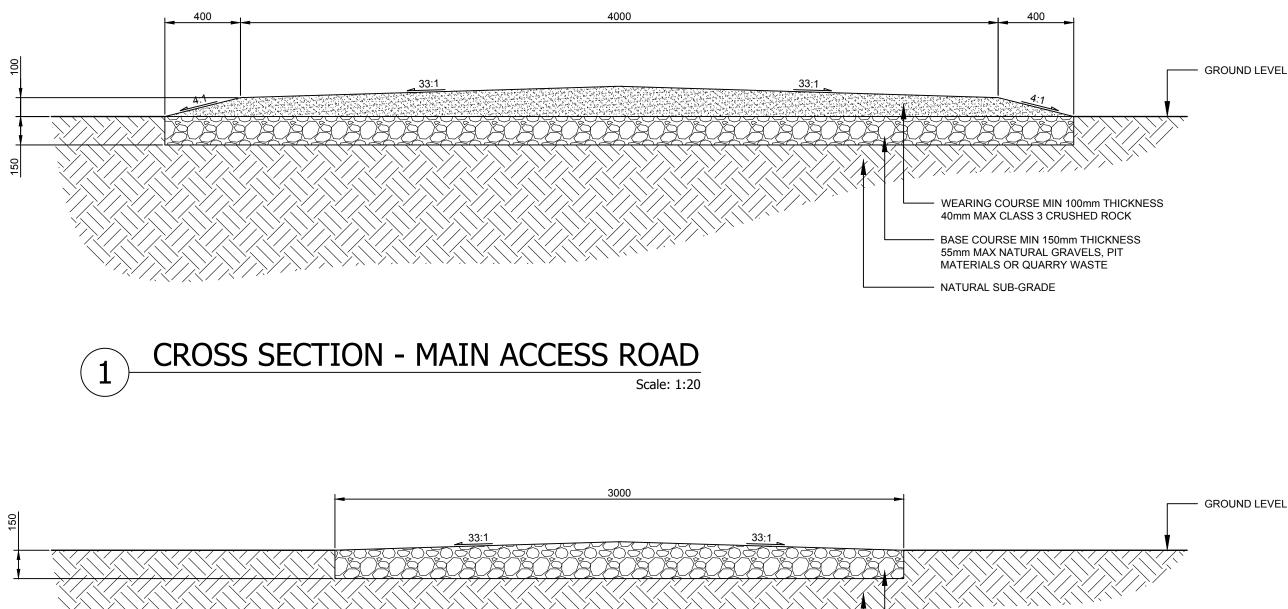


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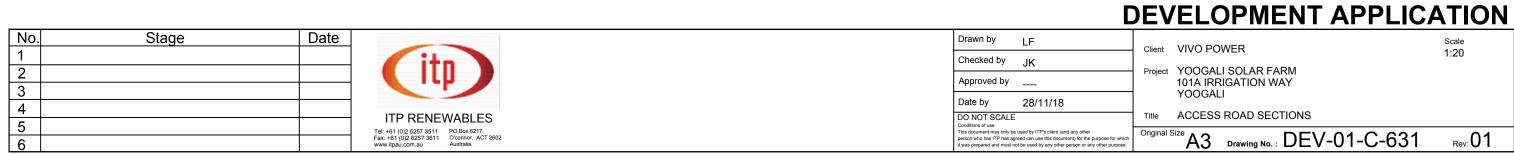
VIVO POWER YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI ACCESS ROAD PLAN A3 Drawing No.: DEV-01-C-630 Rev: 02

<sup>Scale</sup> AS NOTED



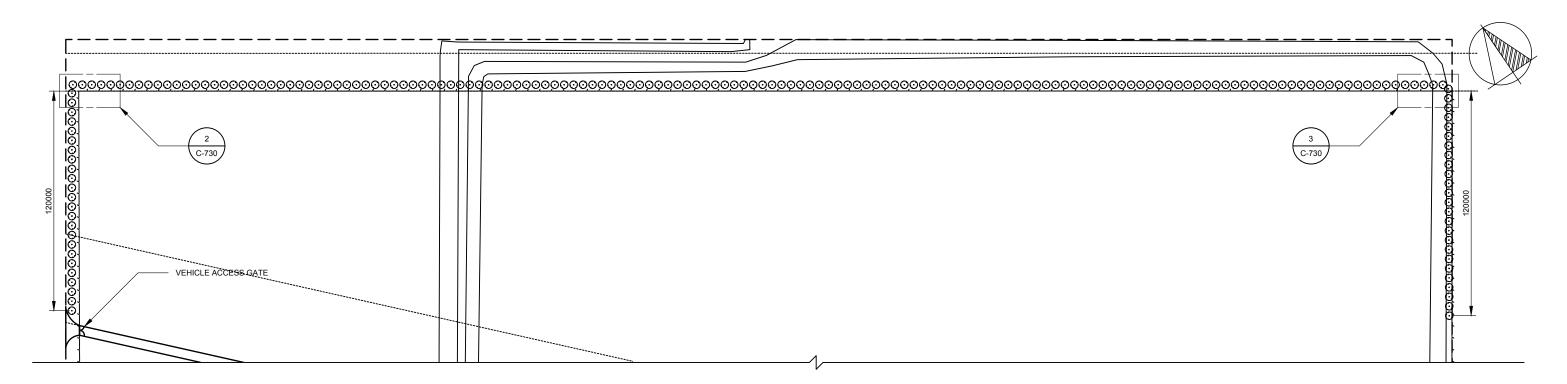
#### **CROSS SECTION - SECONDARY ACCESS ROAD** 2

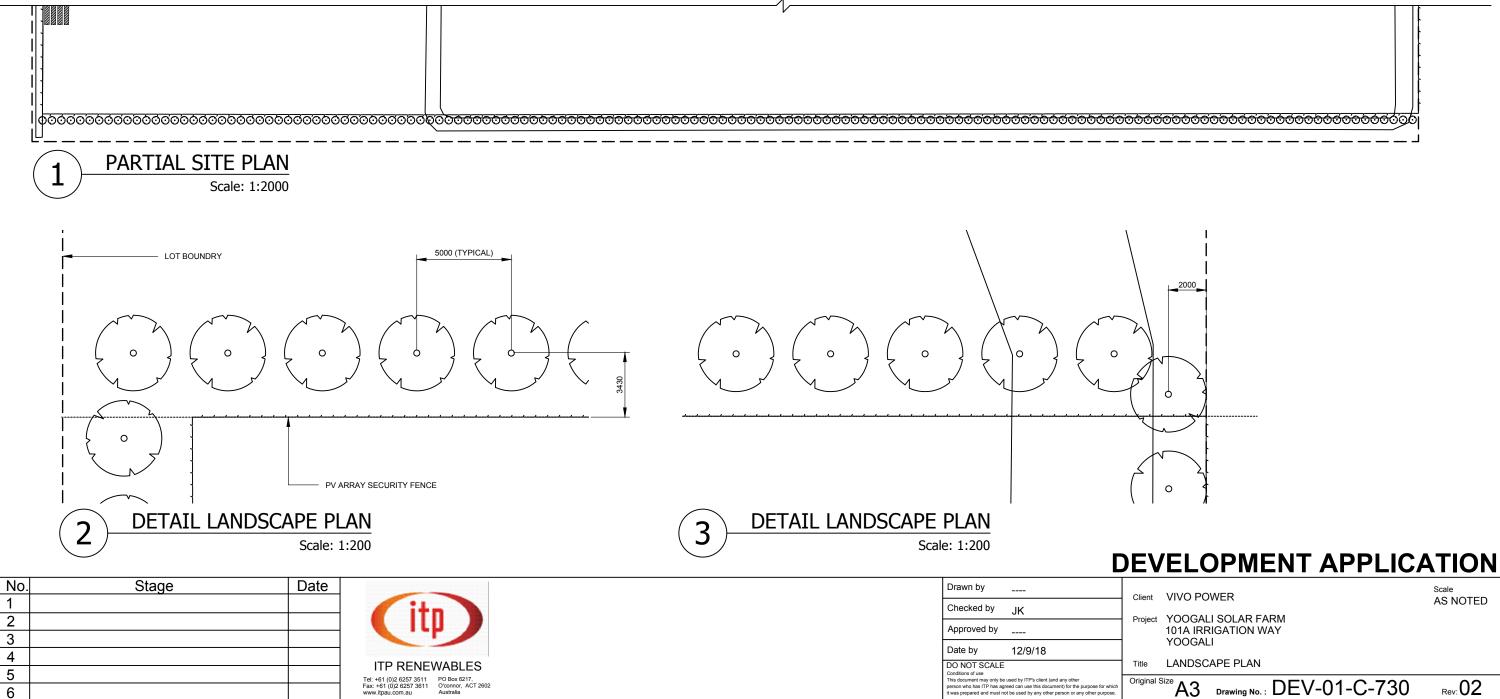
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WEARING COURSE MIN 150mm THICKNESS 50mm MAX NATURAL GRAVELS, PIT MATERIALS OR QUARRY WASTE

- NATURAL SUB-GRADE





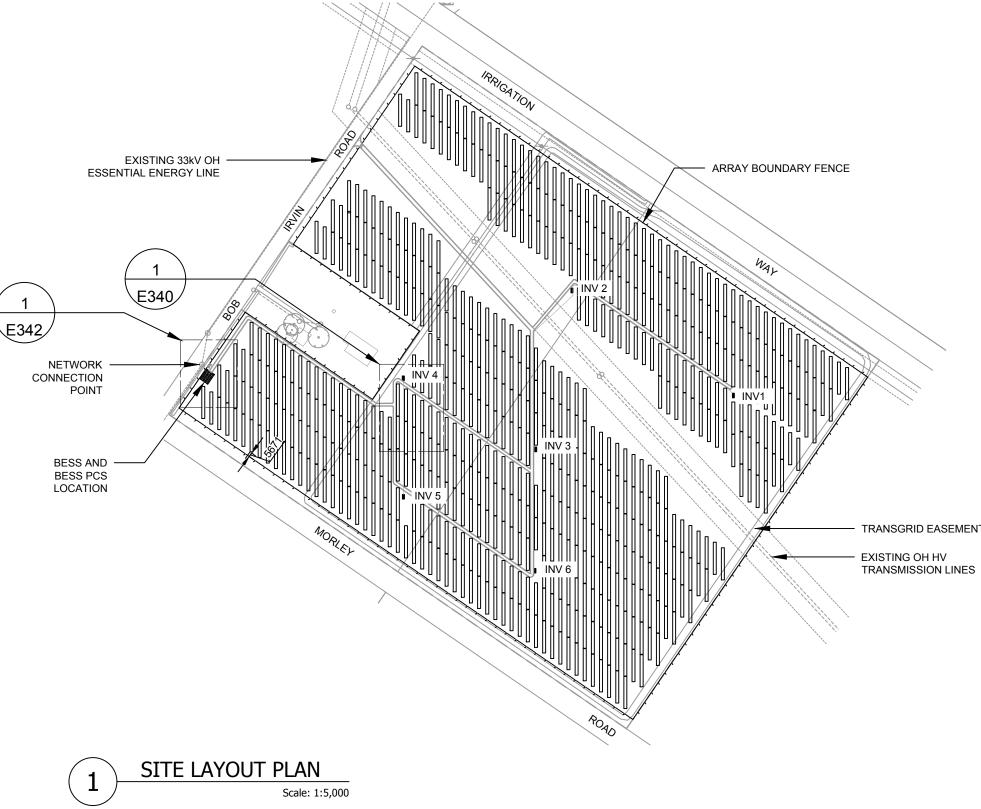
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6

AS NOTED LANDSCAPE PLAN Original Size A3 Drawing No.: DEV-01-C-730 Rev: 02

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TRANSGRID EASEMENT

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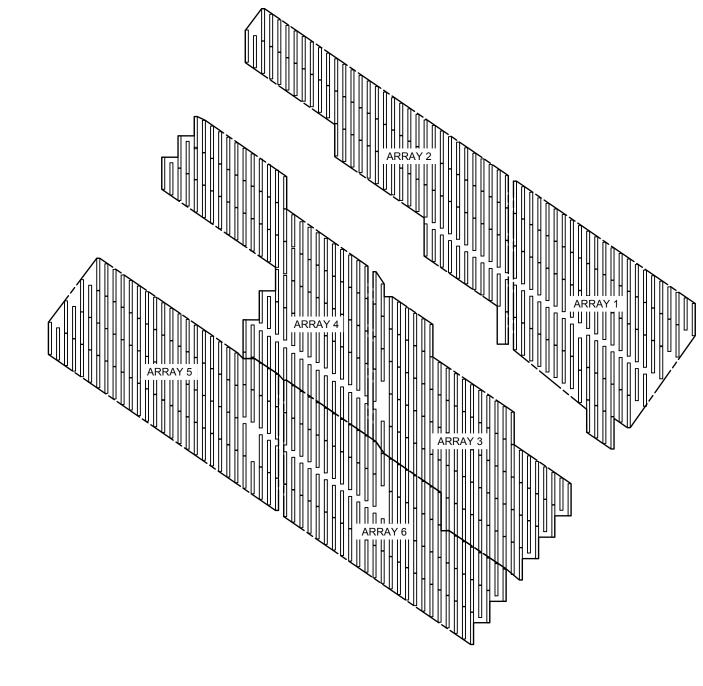
VIVO POWER

tt YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

SITE LAYOUT PLAN

A3 Drawing No.: DEV-01-E-110 Rev: 02

Scale AS NOTED



| ARRAY SCHEDULE |                 |                     |                       |  |
|----------------|-----------------|---------------------|-----------------------|--|
| ARRAY          | NO.<br>TRACKERS | SYSTEM SIZE<br>(DC) | INVERTER SIZE<br>(AC) |  |
| ARRAY 1        | 99              | 2.993 MWp           | 2.5 MW                |  |
| ARRAY 2        | 98              | 2.963 MWp           | 2.5 MW                |  |
| ARRAY 3        | 102             | 3.084 MWp           | 2.5 MW                |  |
| ARRAY 4        | 104             | 3.144 MWp           | 2.5 MW                |  |
| ARRAY 5        | 102             | 3.084 MWp           | 2.5 MW                |  |
| ARRAY 6        | 99              | 2.993 MWp           | 2.5 MW                |  |
| TOTAL          | 604             | 18.264 MWp DC       | 15 MW AC              |  |





Title



EACH TRACKER CONSISTS OF 84 OF 360W MODULES

**DEVELOPMENT APPLICATION** 

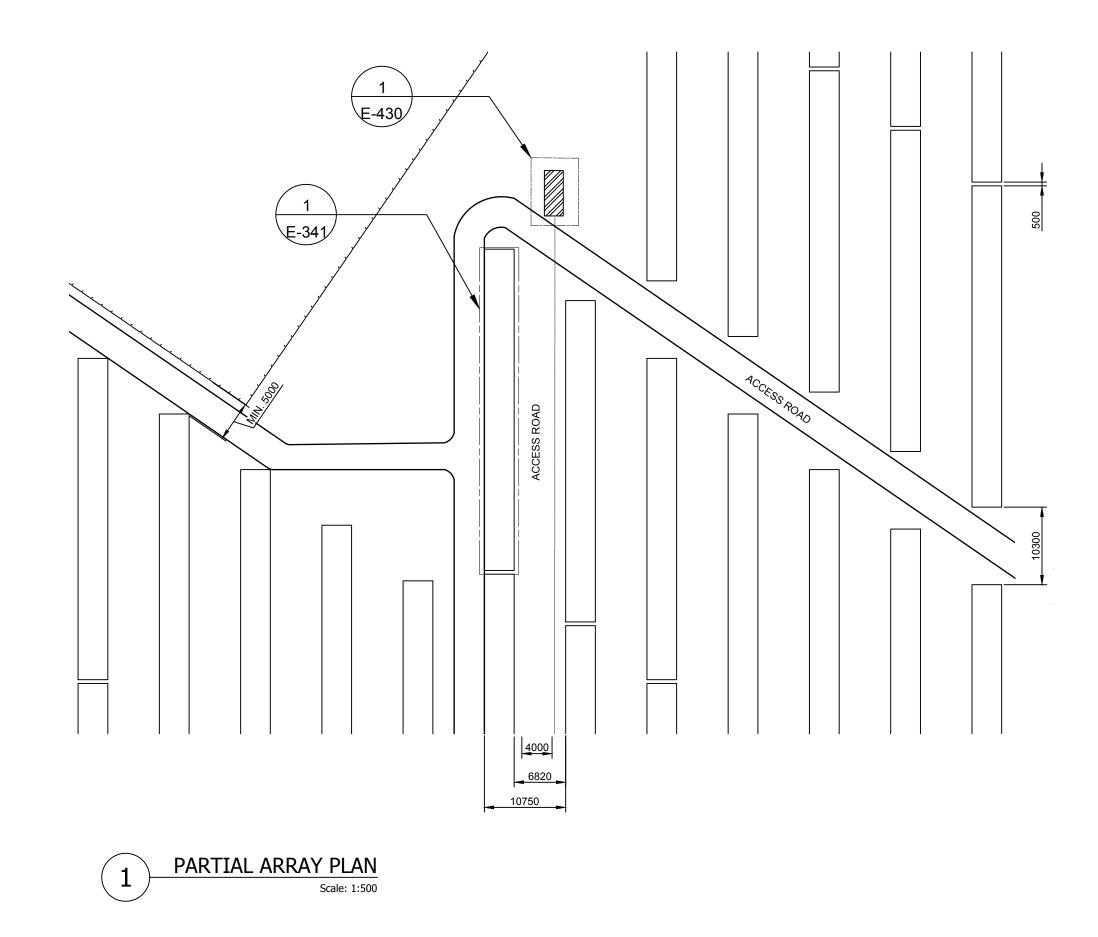
<sub>Scale</sub> AS NOTED

Client VIVO POWER

Project YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

ARRAY LAYOUT





|     |       |      |  |   | C   | DE\      |
|-----|-------|------|--|---|---|----------|
| No. | Stage | Date |  | Drawn by WJ   |   |          |
| 1   |       |      | ite  | Checked by JK   |   | Client   |
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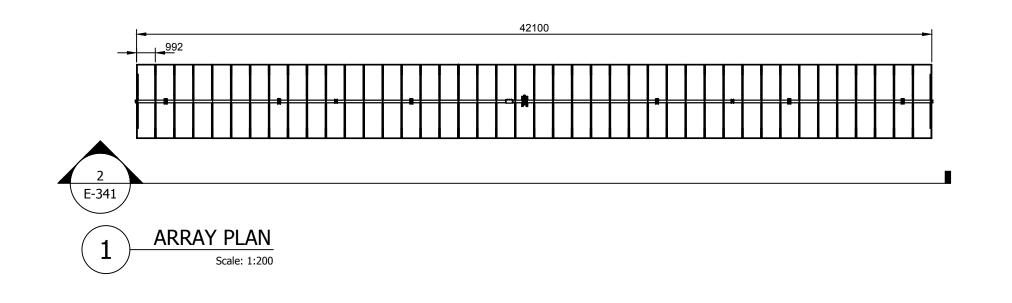
VIVO POWER

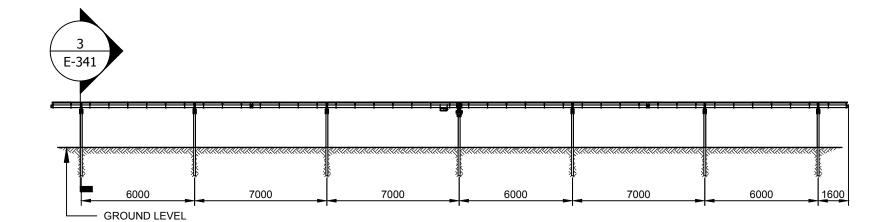
t YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

ARRAY DETAIL

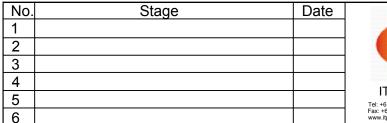
A3 Drawing No. : DEV-01-E-340 Rev: 01

Scale AS NOTED

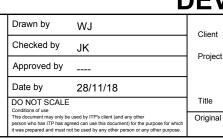








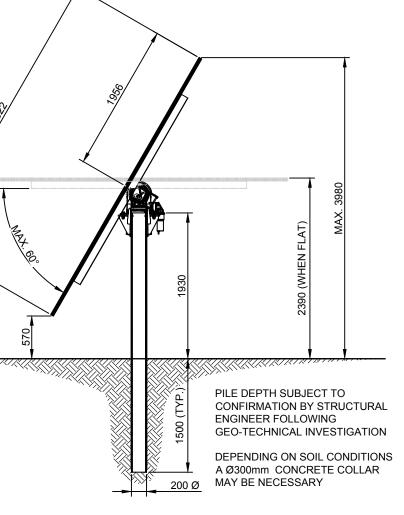




3

MAX. 68°

570



#### **TYPICAL ARRAY SECTION**

Scale: 1:50

**DEVELOPMENT APPLICATION** 

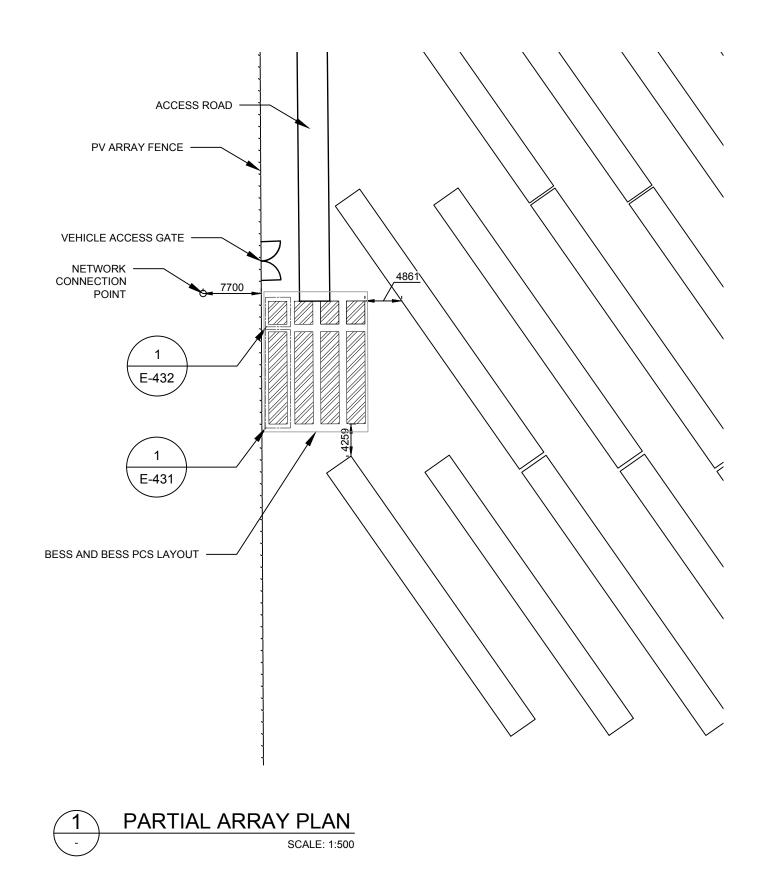
Client VIVO POWER

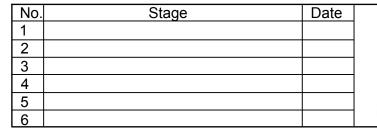
Project YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

ARRAY DETAIL



Scale AS NOTED







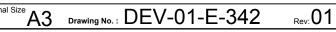
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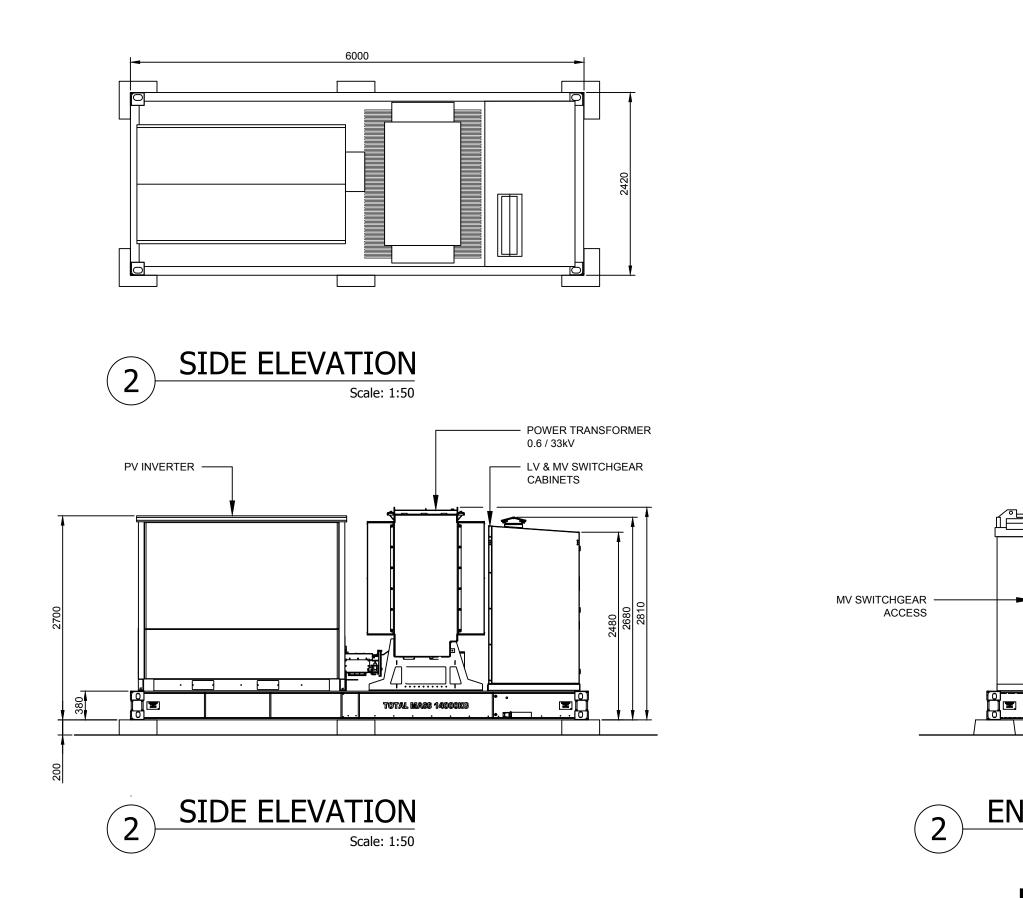
VIVO POWER

YOOGALI SOLAR FARM 101A IRRIGATION WAY YOOGALI

BESS LAYOUT

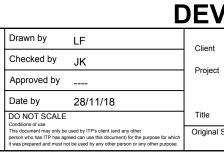


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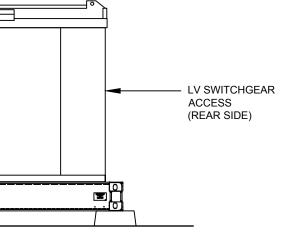
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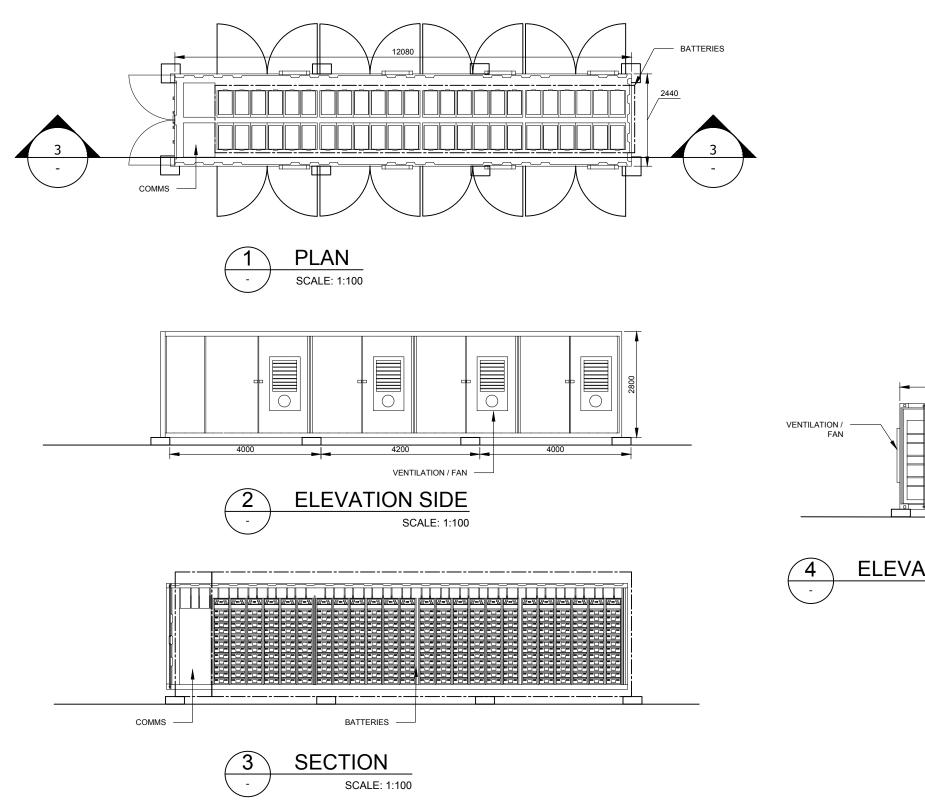


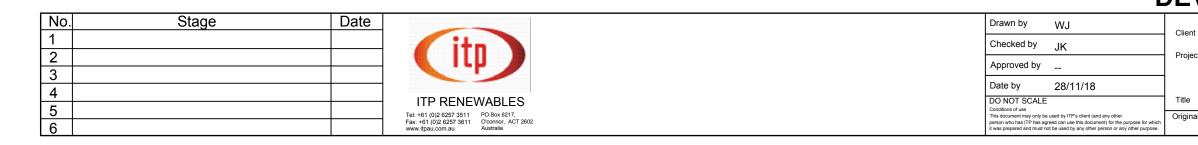


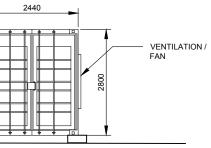
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| VI     | /O POWER  | <sup>Scale</sup><br>AS NOTED |
| 10     | OGALI SOLAR FARM<br>1A IRRIGATION WAY<br>OGGALI |                              |
| IN     | VERTER STATION DETAILS                          |                              |
| l Size | A3 Drawing No.: DEV-01-E-430                    | Rev: 01                      |
|        |   |                              |

END ELEVATION Scale: 1:50











Client VIVO POWER

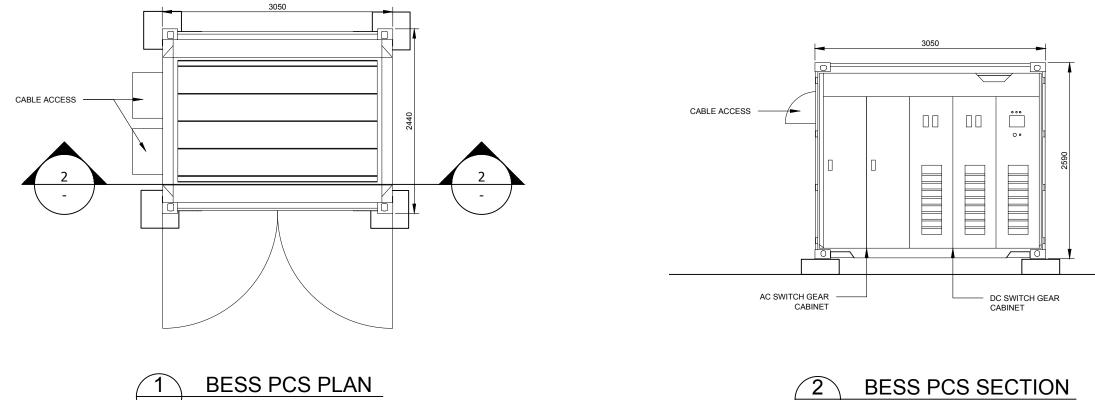


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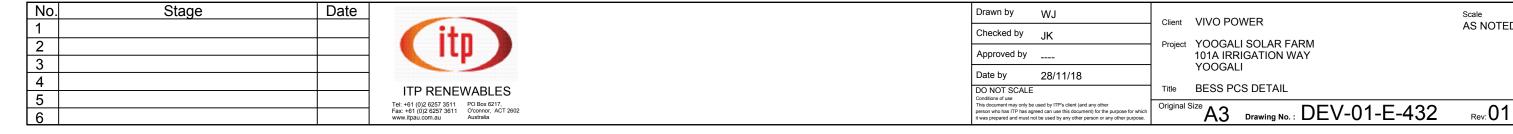


Scale AS NOTED

Rev: 01



SCALE: 1:50





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#### **DEVELOPMENT APPLICATION**

<sub>Scale</sub> AS NOTED