



- NOTES:**
1. SITE ACCESS VIA LESLIE AVENUE.
  2. TEMPORARY FENCE INSTALLED ON THE NORTH-WEST CORNER OF THE LOT.
  3. EROSION CONTROL MEASURES IMPLEMENTED BY INSTALLER TO PREVENT CONTAMINATION OF ROAD.
  4. IF POSSIBLE DUE TO OVERHEAD POWER LINE AND GATE CLEARANCE, HEAVY MACHINERY SHALL BE UNLOADED WITHIN THE BOUNDARIES OF CONSTRUCTION AREA.
  5. TREE #1 TO BE REMOVED DUE TO INTERFERENCE WITH CONSTRUCTION.
  6. INSTALLER TO ASSESS IF TREE #2 TO BE REMOVED DUE TO INTERFERENCE WITH CONSTRUCTION.
  7. TREE REMOVAL TO BE DONE BY OTHERS.
  8. CONTRACTOR TO ALLOW THE FOLLOWING EROSION CONTROL MEASURES:
    - 8.1. SEDIMENT FENCING AROUND DOWNSTREAM OF CONSTRUCTION BOUNDARY.
    - 8.2. SEDIMENT TRAP TO ANY NEARBY STORM WATER PITS ON LESLIE AVENUE, DOWNSTREAM OF SITE.

**SPECIFICATIONS**

|                         |                                     |  |
|-------------------------|-------------------------------------|--|
| <b>INVERTER:</b>        |                                     |  |
| MANUFACTURER:           | DELTA                               |  |
| INVERTER MODEL:         | PCS100HV                            |  |
| RATED AC CAPACITY:      | 100 KVA                             |  |
| NUMBER OF INVERTERS:    | 7                                   |  |
| TOTAL AC CAPACITY:      | 700 KVA                             |  |
| <b>BATTERY DETAILS:</b> |                                     |  |
| MANUFACTURER:           | RISEN STORAGE                       |  |
| BATTERY MODEL / QTY:    | SU836E418KM TYPE A & TYPE B / 2 & 1 |  |
| BATTERY CAPACITY:       | 1463.0 + 365.75 kWh                 |  |
| TOTAL DC CAPACITY:      | 1828.75 kWh                         |  |

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|     |                               |          |       |         |
| E   | BESS LOCATION UPDATED         | 23.02.26 | N.S   | N.S     |
| D   | KIOSK / BESS LOCATION UPDATED | 14.11.25 | M.T.  | M.T.    |
| C   | MSB & CONDUIT UPDATE          | 02.09.25 | K.G   | L.M.    |
| B   | IFC                           | 03.07.25 | L.M.  | L.M.    |
| A   | DETAILED DESIGN               | 26.06.25 | L.M.  | L.M.    |
| Rev | Description                   | Date     | Drwn. | Design. |

PROJECT:

**SA DEM  
COMMUNITY BATTERIES SITE 5**

LESLIE AVENUE BLAIR ATHOL SA 5084 AUSTRALIA

LATITUDE: -34.856433| LONGITUDE: 138.592538

PN: D/90277 | LOT: A580

CLIENT:

SOUTH AUSTRALIAN DEPARTMENT OF ENERGY AND MINING



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|                                                                                                                                                                  |                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| ENGINEERING DESIGN: LUCAS DE MENEZES                                                                                                                             |                                                                                                             |
| ACCREDITATION No. S2386047                                                                                                                                       |                                                                                                             |
| DRAWING TITLE:<br><b>CONSTRUCTION LAYOUT</b>                                                                                                                     | NORTH<br>DIRECTION<br> |
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| DRAWING ISSUE:<br><b>DETAILED DESIGN</b>                                                                                                                         | SIZE<br><b>A3</b>                                                                                           |
| PROJECT No.<br><b>54287P5</b>                                                                                                                                    | DRAWING No.<br><b>GE-2.0</b>                                                                                |
|                                                                                                                                                                  | Rev<br><b>E</b>                                                                                             |