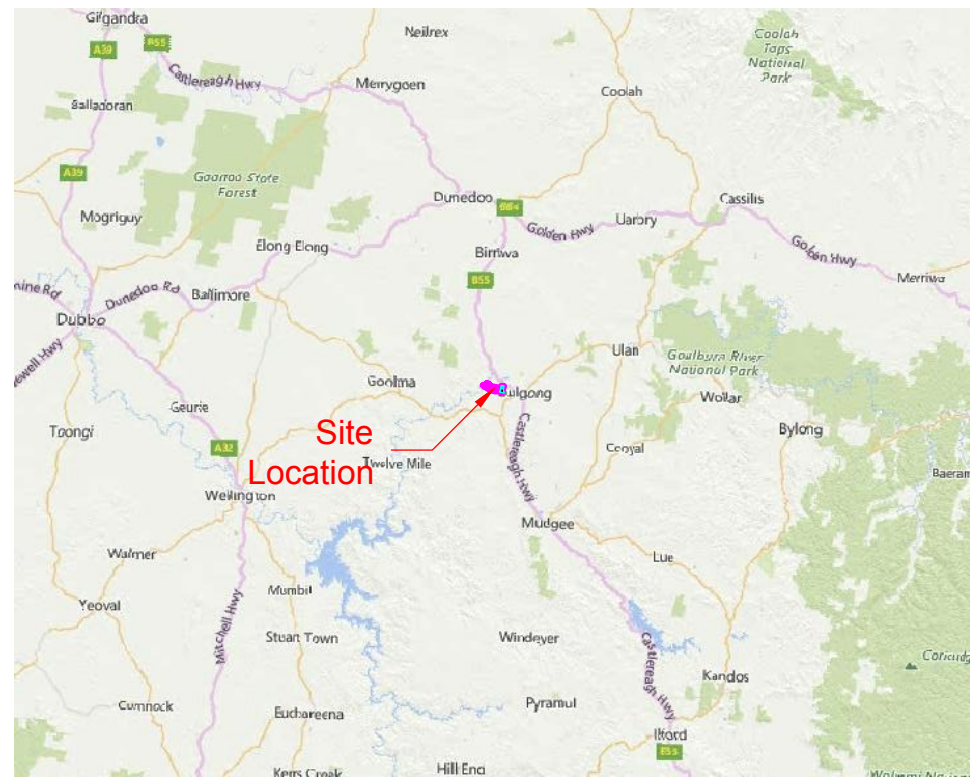
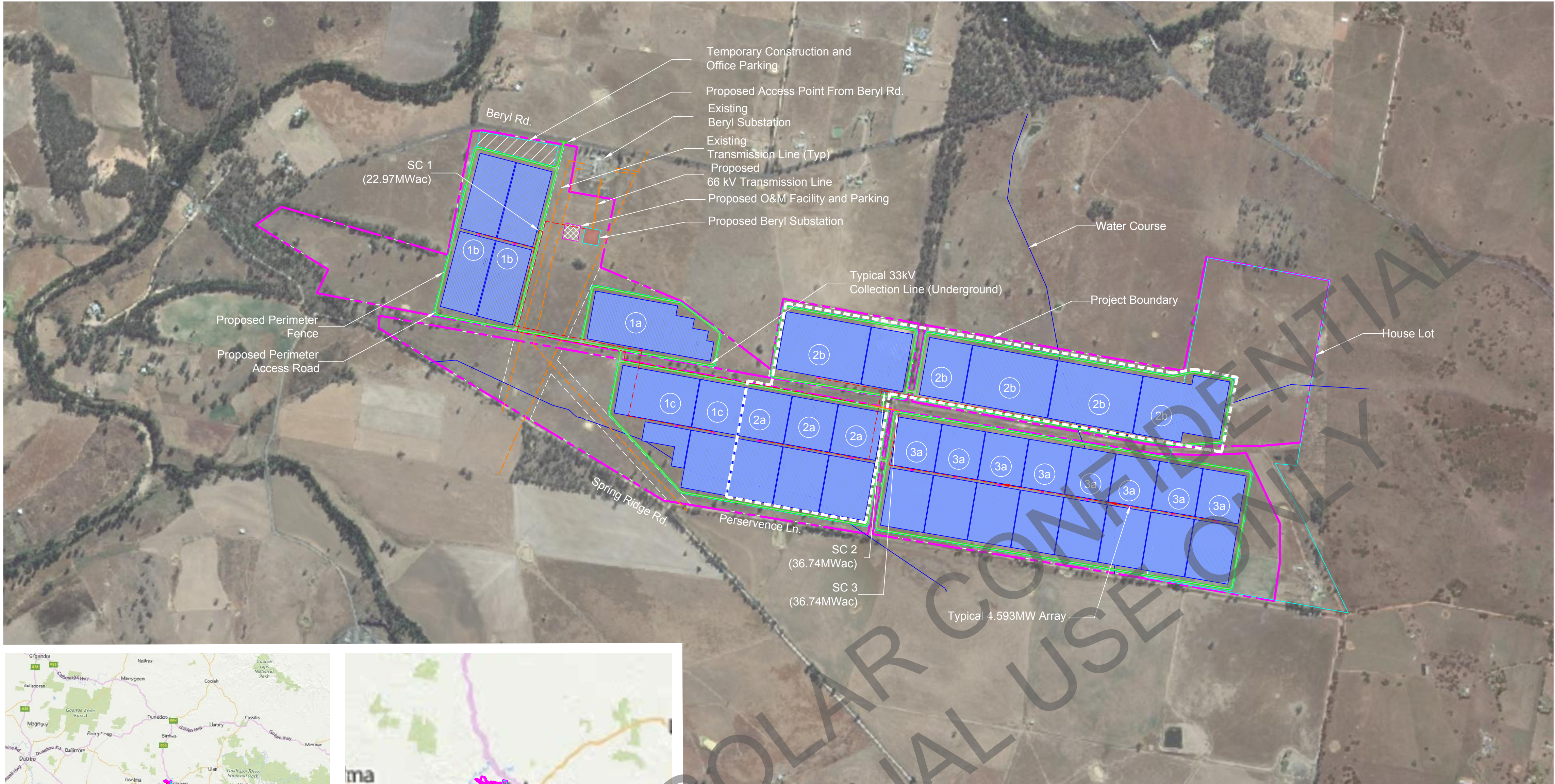


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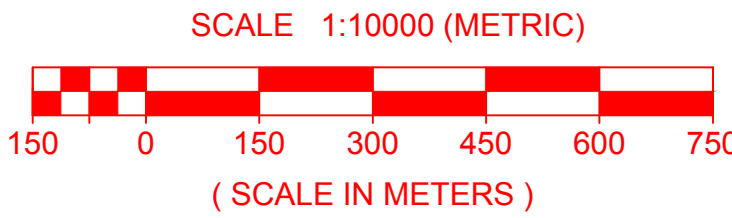
Country Map  
Scale NTS



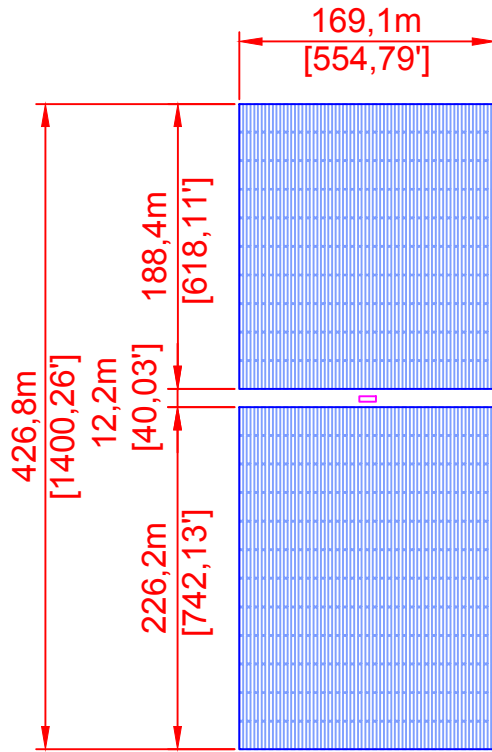
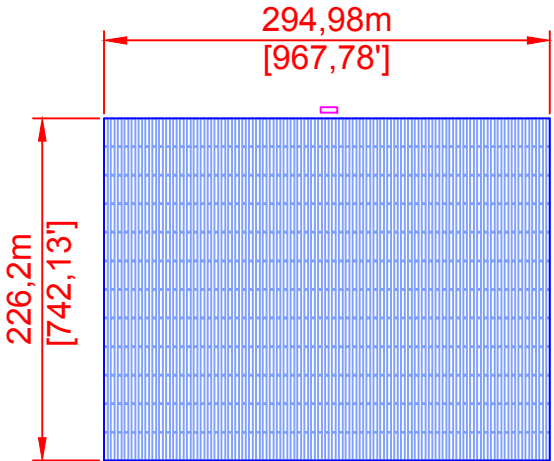
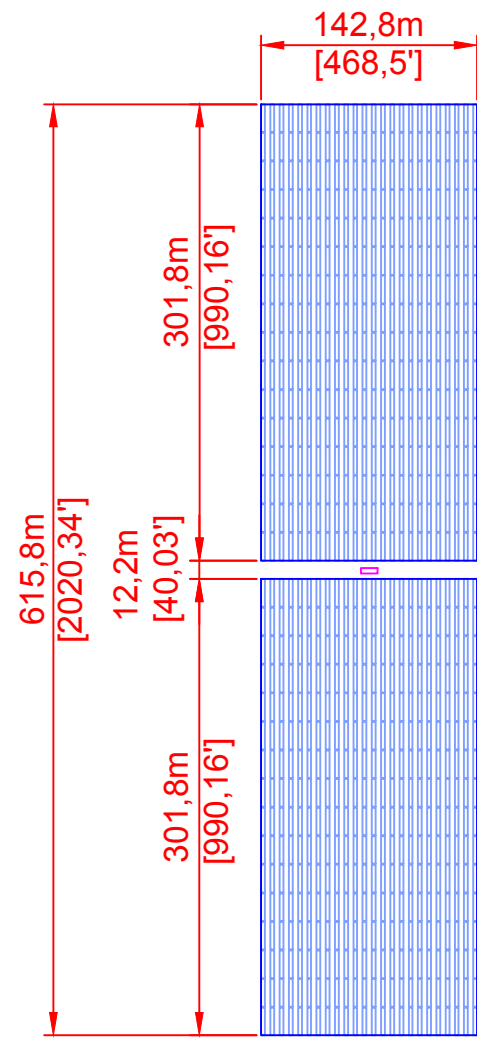
Key Plan  
Scale NTS



Site Development Plan  
Scale 1:10 000



- Legend:**
- Project Boundary
  - AC Elec. Collection Line (Underground)
  - AC Elec. Collection Line (Overhead)
  - AC Elec. Distribution / Transmission Line
  - Existing Distribution / Transmission Line
  - Perimeter Fence
  - Proposed Access Road (Dirt)



**Beryl Solar Plant**

Beryl, New South Wales, Australia

**Product Offering**

TBD

**Project Developer/Owner Operator**

First Solar

**Project Site Description**

303.94 ± Hectare Site  
169.24 ± Hectare Array  
Latitude 32°21'26" S  
Longitude 149°28'17" E  
Elevation 420 m

**Project Climatic Conditions**

ASHRAE Station No. 947270  
Extreme Max (50 year) Temp 43.1 °C  
Extreme Min (50 year) Temp -7.7 °C  
Annual Cooling Design Temp 34.7 °C  
Annual Heating Design Temp -2.7 °C (ASHRAE 2013)

**Project Design Data**

Snow Load Sg=0  
Wind Load Region A1, Vr=43m/s  
Seismic Load Z=0.08, Kp=0.75

**Project Interconnection**

66 kV Distribution / Transmission Line to Existing Beryl Substation

**Photovoltaic System Parameters**

96.45 - MWac System Capacity (Nominal Output)  
116.76 - MWdc System Capacity (Nominal Output)

**Solar Production**

Tracker Mounting System  
10° Azimuth  
1500 Volt dc PV System Design  
33 kV Collection System  
66 kV Dist. or Trans. System

| Array     | Types | Qty |
|-----------|-------|-----|
| Standard  | 3     | 17  |
| Sub-Array | 1     | 1   |
| Custom    | 3     | 3   |

**Beryl Solar Plant**  
Beryl  
New South Wales  
Australia, Australia  
95MWac Net Capacity

| REV | DATE     | DESCRIPTION                                 | BY | CHK | APP |
|-----|----------|---------------------------------------------|----|-----|-----|
| D   | 3-17-17  | Revised Capacity                            | VK | JH  | JH  |
| C   | 2-20-17  | Revised Per Comments                        | FD | JH  | JH  |
| B   | 11-0-16  | Revised Array Layout                        | FD | JH  | JH  |
| A   | 10-28-16 | Conceptual Design - Tracker Mounting System | DK | JH  | JH  |

|             |                     |
|-------------|---------------------|
| FS JOB #:   | 0000-0000-00        |
| PROJ. DSGR: | Daiva Kinneman      |
| PROJ. ENGR: |                     |
| PROJ. MGR:  |                     |
| PROJ. DIR:  | John Hartelius P.E. |
| SCALE:      | AS NOTED            |

**Site Development Plan**

|              |
|--------------|
| SD-100-T     |
| SHEET 1 OF 1 |

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