



Customer gate and fence to be removed if a replacement transformer is required.

| DESIGNATOR  | DESCRIPTION            |
|---|------------------------|
| CSE   | Cable Sealing End      |
| SA  | Surge Arrester         |
| PI  | Post Insulator         |
| VT  | Voltage Transformer    |
| CT  | Current Transformer    |
| CB  | Circuit Breaker        |
| LM  | Lightning Mast         |
| LC  | Lighting Column        |
| HoT   | House Transformer      |
| NER   | Neutral Earth Resistor |
| QC1(DEM1)<br>QC2(DEM2)<br>QC3(DEM3)<br>QC9(DE)<br>QC3(DEM4)<br>QC3(DEM5)<br>QC6(DEM6) | BAY EARTH SWITCHES     |

| DRAINAGE                           | DESCRIPTION |
|------------------------------------|-------------|
| Surface water drainage shown thus  |             |
| Foul water drainage shown thus     |             |
| Soakaway shown thus                |             |
| Rain Water Holding Tank shown thus |             |
| Foul Water Holding Tank shown thus |             |
| Manhole                            |             |
| Road Gully                         |             |
| Access Junction                    |             |



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PROJECT

Gortnalug 110kV Substation  
Loop In and Out  
Grid Connection

CLIENT



CONSULTANTS

NOTES: -

- This drawing is to be read in conjunction with relevant engineering drawings, specifications and reports.
- Dimensions are in meters, & coordinate system is ITM, unless noted otherwise.
- Drawings are not to be scaled use figured dimensions only.

LEGEND: -

|  |  |
|--|--|
| Substation Compound stone              |  |
| Roads                                  |  |
| Footpaths                              |  |
| Site Track                             |  |
| Required Cut & Fill                    |  |
| Proposed 110kV Underground Cable Route |  |
| Required 110kV EirGrid Easement        |  |
| Harmonic Filter Hardstanding           |  |
| Eirgrid Building Hardstanding          |  |
| IPP Building Hardstanding              |  |
| CCTV                                   |  |

ISSUE/REVISION

| I/R | DATE     | DESCRIPTION         |
|-----|----------|---------------------|
| P4  | 09.02.26 | Issued for Planning |
| P3  | 16.01.26 | Issued for Planning |
| P2  | 02.12.25 | Issued for Planning |
| P1  | 05.11.25 | Issued for Planning |

PROJECT NUMBER

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SHEET TITLE

Substation Layout Plan

SHEET NUMBER

300101338-DR-200