



Substation Layout Plan
SCALE: 1:500

Project Management Initials: Designer: LG Checked: GH Approved: SK



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PROJECT
**Castlebanny Wind Farm
110kV Grid Connection**

CLIENT



CONSULTANTS



NOTES: -

1. Layout and Arrangements of Substation Building and Electrical Equipment is shown indicatively and for illustration purposes only.
2. Dimensions shown are as per current EirGrid Specifications at the time of submission. Dimensions may vary at time of construction to reflect any revisions to EirGrid Specifications.
3. Final Specifications of Buildings and Electrical Equipment is to be as per EirGrid and ESB Specifications.
4. The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced.
5. An oil interceptor will be installed below ground, position TBC during detailed design.

LEGEND: -

- Required Infrastructure
- Future Infrastructure (Space Only - Not being constructed as part of the planning application)
- Proposed UGC Route
- Proposed Access Road

Code	Description
CSE	Cable Sealing End.
SA	Surge Arrester.
DL/DE	Line / Earth Disconnect.
DT/DEM1	Trails / Earth Disconnect.
VT	Voltage Transformer.
CT	Current Transformer.
CB	Circuit Breaker.
DA	Busbar Disconnect.
PI	Post Insulator.
LM	Lighting Mast.
LC	Lighting Column.

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P04	19.01.21	Issued for Planning
P03	02.12.20	Issued for Planning
P02	04.09.20	Issued for Information
P01	07.08.20	Updated Layout
P00	17.07.20	Issued for Information

PROJECT NUMBER

05-699

SHEET TITLE

Proposed 110kV AIS Loop Station Location

SHEET NUMBER

05699-DR-202