



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	Lighting Mast
LC	Lighting Column
HoT	House Transformer
NER	Neutral Earth Resistor
QC1(DEM1) QC2(DEM2) QC3(DEM3) QC9(DE) QC3(DEM4) QC3(DEM5) 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	



Head Office  
Beenreigh,  
Abbeydorney,  
Tralee, Co. Kerry  
Ireland  
Tel: 00353 66 7135710

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

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SHEET TITLE

Substation Layout Plan

SHEET NUMBER

300101338-DR-200