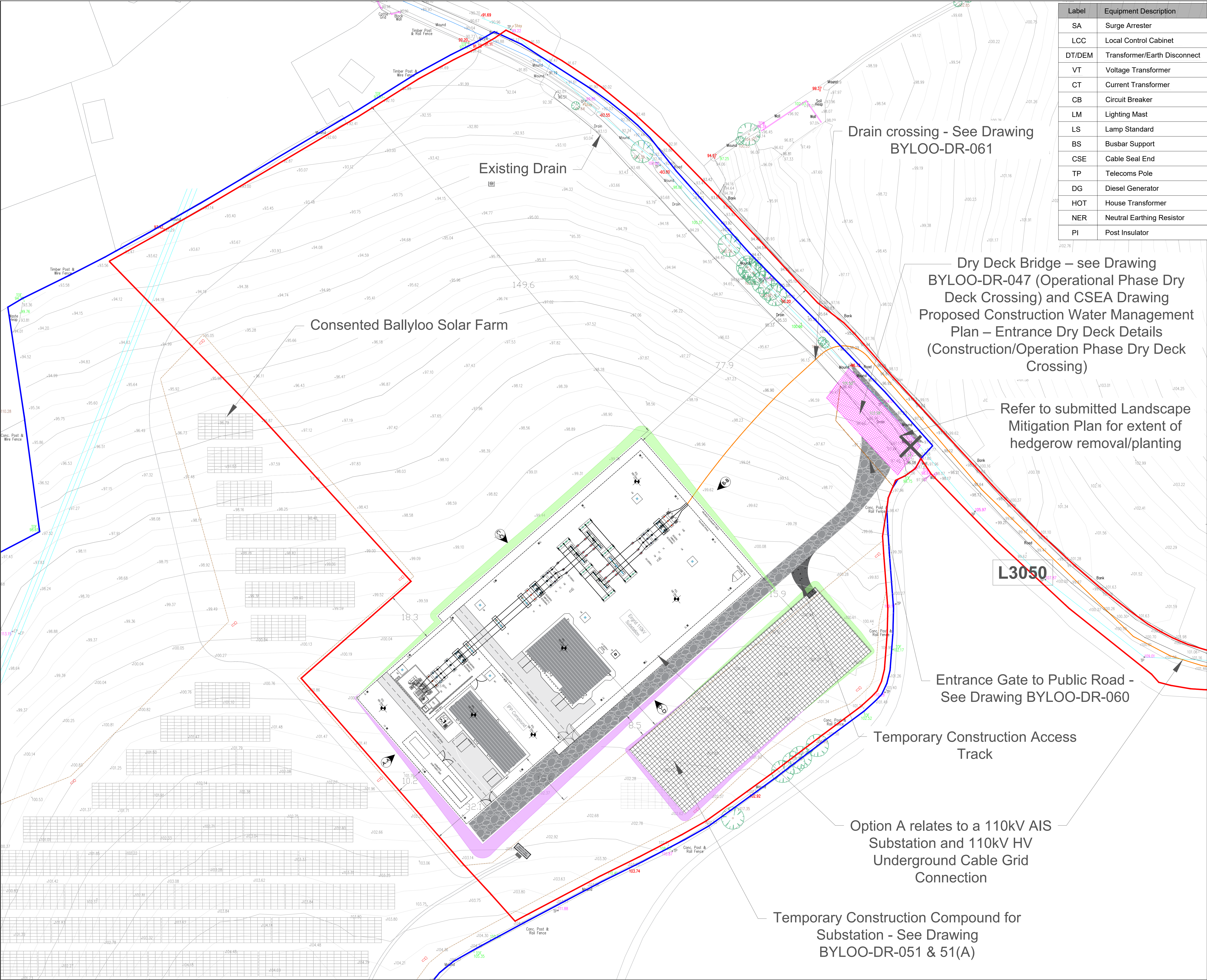




Label	Equipment Description	Notes
SA	Surge Arrester	All dimensions in meters unless otherwise noted. Do not scale from drawings, use figured dimensions only. Drawings based on OSI digital vector mapping for the area. License No: CYAL50408714 The Ballyloo Solar Farm and ancillary infrastructure shown outside of the Development Site Boundary does not form part of the SID application to An Coimisiún Pleanála and is shown here for reference purposes only. Drawings are for planning only and should not be used for detailed design. The detailed design will be subject to EirGrid approval based on their latest specification at the time, and equipment dimensions/sitings may vary once the exact specifications are determined. The 110kV AIS substation is based on EirGrid Drawing XDN-LAY-ELV-STND-H-013-R02
LCC	Local Control Cabinet	
DT/DEM	Transformer/Earth Disconnect	
VT	Voltage Transformer	
CT	Current Transformer	
CB	Circuit Breaker	
LM	Lighting Mast	
LS	Lamp Standard	
BS	Busbar Support	
CSE	Cable Seal End	
TP	Telecoms Pole	
DG	Diesel Generator	
HOT	House Transformer	
NER	Neutral Earthing Resistor	
PI	Post Insulator	

Legend	
	Development Site Boundary
	Landowner Boundary
	HV Underground Grid Connection Cable
	Access Track
	Cut Area
	Fill Area
	Ballyloo Solar Farm Panels
	Site Notice Location

Design Team	
Prepared By: Terra Solar Developments	Reviewed By: ARG Grid Solutions

Revisions		
REV	DATE	DESCRIPTION
0	13.06.2025	Draft
1	05.09.2025	Draft
2	30.09.2025	Draft
3	28.10.2025	Issued for Planning
4	20.08.2026	Issued for RFI

Drawn By: RH	
Approved By: MMC	

Summary
Project Ballyloo Substation & Grid Connection
Location Ballyloo, Co. Carlow
Title Substation Option A - 110kV AIS Substation Site Layout Plan
Drawing Number BYLOO-DR-002
Scale 1:600 @ A1
Ballyloo Solar Farm Limited 1st Floor Rear Ferry House 48-53 Lower Mount Street Dublin 2