

Legend	
LM	LIGHTING MAST
SA	SURGE ARRESTER
VT	VOLTAGE TRANSFORMER
CT	CURRENT TRANSFORMER, SINGLE PHASE
PI	POST INSULATOR
LT	LINE TRAP (TYPICALLY R & T PHASES)
DL/DE	LINE/EARTH DISCONNECT
DT/DEM4	TRAFIO/EARTH DISCONNECT
CB	CIRCUIT BRAKER
DA	BUSBAR DISCONNECT
DB	BUSBAR DISCONNECT
SA1/SA2	SECTIONALISER DISCONNECT
SB1/SB2	

Note 1:  
All dimensions and references given are indicative only. Layout to be further optimised during detail design pending specific equipment supplier and site details.

Note 2 (as illustrated on drawing):  
The low level T & S phase bay conductors are arranged closer together to avoid unnecessary proximity outages on adjacent bays. To be repeated for all bays.

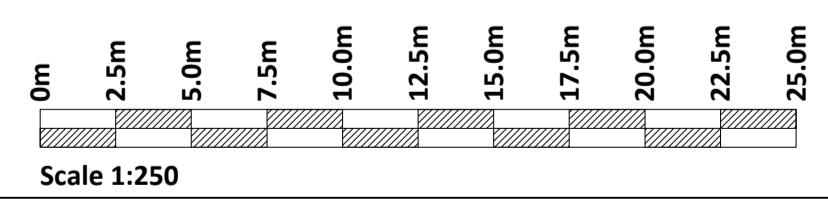
Note 3 (as illustrated on drawing):  
Independent supported span on low level bay conductors between DA and DB. The connection at the PI should be able to be broken to allow the link between DA and DB to be disconnected.

Note 4 (as illustrated on drawing):  
Distance between CT and CB on wing coupler to be a minimum of 6.5m from the busbar side of the open disconnect. Distance between disconnect and adjacent low level bat conductor to be a minimum of 6.5m.

Note 5 (as illustrated on drawing):  
6.5m distance required between busbar and CB on each bay.

Note 6 (as illustrated on drawing):  
Diesel generator and station rural feeding arrangement shall be in line with Eirgrid station auxiliary power supplies specification.

- Notes.
1. This drawing is for planning purposes only.
  2. Dimensions in meters unless otherwise noted.
  3. Levels shown relative to ordnance datum (Malin Head).
  4. Co-ordinates are to Irish Transverse Mercator (ITM).



Applicable : Ordnance Survey Ireland Licence No. EN 0001220 © Ordnance Survey Ireland and Government of Ireland  
CSI-6186,6140, Cork-40-48-49-59-60



No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission of Fehily Timoney & Company as copyright holder except as agreed for use on the project for which the document was originally issued. Do not scale. Use figured dimensions only. If in doubt - Ask!

Rev.	Description	App By	Date
A	ISSUE FOR APPROVAL	JH	15.12.21
B	ISSUE FOR PLANNING	JH	25.01.22

PROJECT	CLIENT		
BALLINAGREE WIND FARM	BALLINAGREE WIND DAC		
SHEET	Date	Project number	Scale (@ A1-)
	Drawn by	Drawing Number	Rev
	Checked by	P2114-0300-0001	B

O:\ACAD\2019\P2114\P2114-0300-0001

Tuesday 25 January 2022