

- NOTES:**
- REFER TO DRAWING SERIES 281240_ARP_SO_XX_DR_PL_1100 TO 281240_ARO_SO_XX_DR_PL_1164 FOR ONSHORE CABLE ROUTE DRAWINGS.
 - REFER TO DRAWING SERIES 281240_ARP_SO_XX_DR_PL_3000 TO 281240_ARO_SO_XX_DR_PL_3013 FOR TYPICAL DETAILS.
 - ALL ELECTRICAL EQUIPMENT FOUNDATIONS AND CONCRETE ACCESS ROAD TO BE 50mm ABOVE COMPOUND STONE FGL, AS PER EIRGRID REQUIREMENTS. IE 31.85m OD.
 - THE ACCESS ROADS WITHIN THE COMPOUNDS SHALL BE OF REINFORCED CONCRETE AND SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH EIRGRID SPECIFICATION OFS-SSS-417-R1 SECTION 5.10.2
 - THE ACCESS ROAD TO SITE FROM THE MAIN ROAD SHALL BE A COMPACTED STONE ROAD WITH SURFACE DRESSING OR BITMAC FINISH.
 - A 6m HIGH ACOUSTIC ENCLOSURE IS SHOWN ON ALL SHUNT REACTORS AND SHUNT REACTOR COOLERS. THIS ENCLOSURE WILL BE USED IN THE EVENT THAT LOWER-NOISE UNITS (WITH MAXIMUM SOUND POWER LEVELS FOR SHUNT REACTORS OF 78dBA ALONGSIDE MAXIMUM SOUND POWER LEVELS FOR SHUNT REACTOR COOLERS OF 76dBA) ARE NOT AVAILABLE TO PROVIDE THE EQUIVALENT NOISE MITIGATION.
 - AN 8m HIGH ENVIRONMENTAL ENCLOSURE HAS BEEN UPDATED TO BE FULLY ENCLOSED ON 3 SIDES AND INCLUDE ACOUSTIC MATERIAL TO REDUCE NOISE IMPACTS FROM THE HARMONIC FILTERS ON FUTURE RESIDENTS OF THE FLEMINGTON LOCAL AREA PLAN (LAP) IN RESPONSE TO RFI SECTION 13 (E).

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LEGEND:

	PROPOSED DEVELOPMENT BOUNDARY		LIGHTNING ARRESTOR MAST
	PROPOSED GRID FACILITY BOUNDARY		LIGHTING POLE
	ONSHORE EXPORT CABLE ROUTE		
	ONSHORE CABLE ROUTE (PREFERRED)		
	PROPOSED CABLE ROUTE BETWEEN THE COMPENSATION SUBSTATION AND BREMORE SUBSTATION (CONSISTING OF 2 No CABLES)		

Rev	Date	By	Chkd	Appd
C03	10.02.26	EG	ZH	COD
C02	07.11.24	MO	MO	COD
C01	23.04.24	EG	MO	COD



Client
North Irish Sea Array Windfarm Ltd.

Project Title
North Irish Sea Array Offshore Windfarm

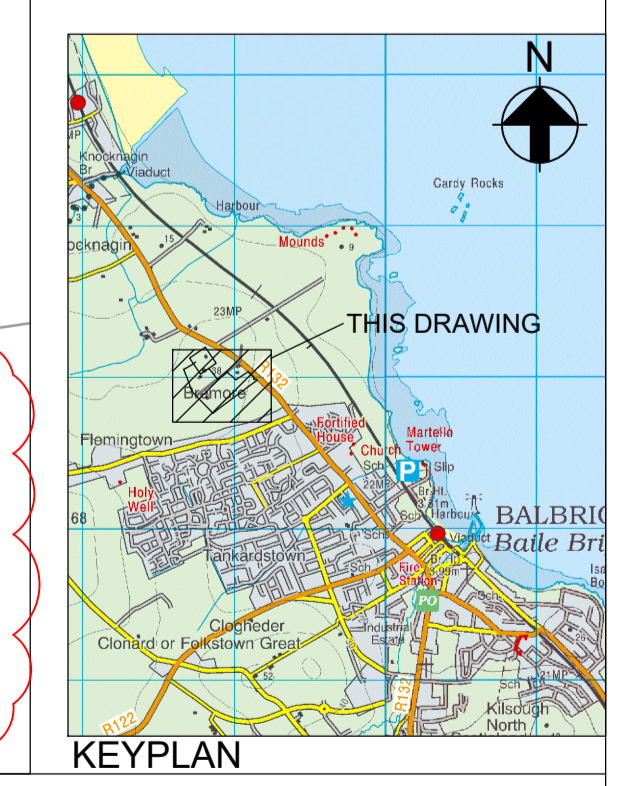
Drawing Title
Grid Facility Layout Plan Sheet 1 of 2

THIS DRAWING HAS BEEN UPDATED TO REFLECT THE REVISED LANDSCAPE MANAGEMENT PLAN WHICH HAS BEEN PREPARED IN RESPONSE TO RFI SECTION 13 (E). AS PART OF THIS PLAN, THE SITE PERIMETER FENCE HAS BEEN CHANGED FROM A PALISADE FENCE TO A CONCRETE POST-AND-RAIL FENCE.

IN ADDITION, THE LIGHTNING ARRESTOR MASTS AND LIGHTING COLUMNS HAVE BEEN CLEARLY ANNOTATED FOLLOWING RECEIPT OF FINGAL COUNTY COUNCIL'S OBSERVATIONS.

THIS DRAWING HAS BEEN UPDATED TO INCLUDE ACOUSTIC ENCLOSURES (NOTE 6 AND 7) AND REFLECT THE REVISED LANDSCAPE MANAGEMENT PLAN WHICH HAS BEEN PREPARED IN RESPONSE TO RFI SECTION 13 (E). AS PART OF THIS PLAN, THE SITE PERIMETER FENCE HAS BEEN CHANGED FROM A PALISADE FENCE TO A CONCRETE POST-AND-RAIL FENCE.

IN ADDITION, THE LIGHTNING ARRESTOR MASTS AND LIGHTING COLUMNS HAVE BEEN CLEARLY ANNOTATED FOLLOWING RECEIPT OF FINGAL COUNTY COUNCIL'S SUBMISSION.



Scale at A1 1:500

Role Civil

Suitability A2 - APPROVED FOR PLANNING

Arup Job No 281240

Name 281240-ARP-ONS-GF-DR-PL-1001

Rev C03