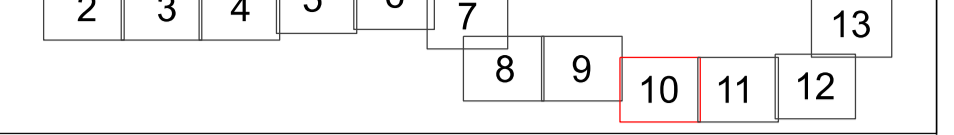


KEY PLAN



- LEGEND:**
- PROPOSED 220 kV ONSHORE CABLE ROUTE
 - PROPOSED HDD HORIZONTAL ALIGNMENT
 - PROPOSED TEMPORARY HORIZONTAL DIRECTIONAL DRILL (HDD) WORKING AREA/ STAGING AREA
 - PROPOSED TEMPORARY ACCESS TRACK
 - PROPOSED TEMPORARY CONSTRUCTION COMPOUND
 - APPLICATION BOUNDARY
 - LANDOWNER PROPERTY BOUNDARY
 - PROPOSED JOINT BAY
 - PROPOSED TEMPORARY PASSING BAY
 - PROPOSED C2 CHAMBER
 - PROPOSED LINK BOX
 - PROPOSED TRANSITION CHAMBER
 - EXISTING GROUND PROFILE
 - PROPOSED HDD LONGITUDINAL ALIGNMENT
 - EXISTING HIGH VOLTAGE OVERHEAD LINE
 - EXISTING MEDIUM VOLTAGE OVERHEAD LINE
 - EXISTING LOW VOLTAGE OVERHEAD LINE
 - EXISTING MEDIUM VOLTAGE UNDERGROUND CABLE
 - EXISTING LOW VOLTAGE UNDERGROUND CABLE
 - EXISTING WATER MAIN
 - EXISTING GRAVITY SEWER
 - EXISTING HIGH PRESSURE TRANSMISSION GAS PIPELINE
 - EXISTING TELECOMS OVERHEAD LINE
 - EXISTING TELECOMS UNDERGROUND CABLE

- NOTES:**
1. FOR PLANNING PURPOSES ONLY. NOT FOR CONSTRUCTION
 2. ALL DIMENSIONS IN METERS, UNLESS OTHERWISE NOTED
 3. THE CABLE SHALL BE INSTALLED WITHIN THE SITE BOUNDARY. THE FINAL ALIGNMENT WITHIN THE SITE BOUNDARY SHALL BE DETERMINED FOLLOWING DETAILED DESIGN, WHICH WOULD PROCEED POST-PLANNING.
 4. THE SITE BOUNDARY IS THE EXTENT OF THE PROPOSED PROJECT SITE. IT SHOULD BE ASSUMED TO EXTEND TO THE EDGE OF THE CARRIAGEWAY ALONG PUBLIC ROADS, EXCEPT WHERE OTHERWISE INDICATED.
 5. 220 kV CABLES TO BE INSTALLED AS PER DRAWING PER05-007-083-001 (LATEST REVISION), WHICH IS A TYPICAL TRENCH LAYOUT. THE OVERALL DEPTH, WIDTH AND FORMATION OF THE TRENCH MAY CHANGE, DEPENDING ON GROUND CONDITIONS AND DETAILED DESIGN.
 6. REFER TO EIRGRID DWG OFD-SSS-504 FOR TRANSITION CHAMBER SPECIFICATIONS. TRANSITION CHAMBER TO BE USED IF DUCT COUPLER NOT AVAILABLE FOR DUCT SIZING
 7. ALL LEVELS ARE RELATIVE TO MALIN HEAD DATUM

REV.	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
003		UPDATED ACCESS TRACK AS PER SPA				
002	27/02/24	UPDATED PASSING BAY AT JB 23	NB	NB	RD	MH
001	16/02/24	UPDATED AS PER RPS COMMENTS	NB	NB	RD	MH
000	26/01/24	FIRST ISSUE	NB	NB	NB	NB

PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

Client: **ORIEL WINDFARM LTD**

Project: **ORIEL WIND FARM PROJECT**

Contract:

Drawing Title: **PROPOSED PORT STREAM HDD CROSSING ALIGNMENT & PROFILE AT TOGHER ROAD**

Production: **Civil, Environmental and Renewable Engineering**

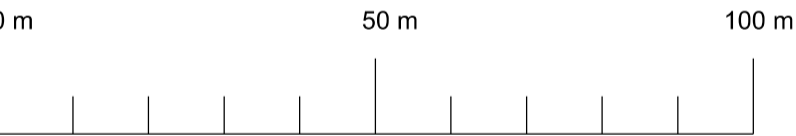
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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	Bell_Neil	R.Doyle	M.Hoggin	28/02/2024

CLIENT REF: **TC222675** No. OF SHEETS: **1/1** SIZE: **A1** SCALE: **AS STATED**

DRAWING NUMBER: **PE605-D027-020-001-003** SHEET: **REV**

PLAN
SCALE 1:1000

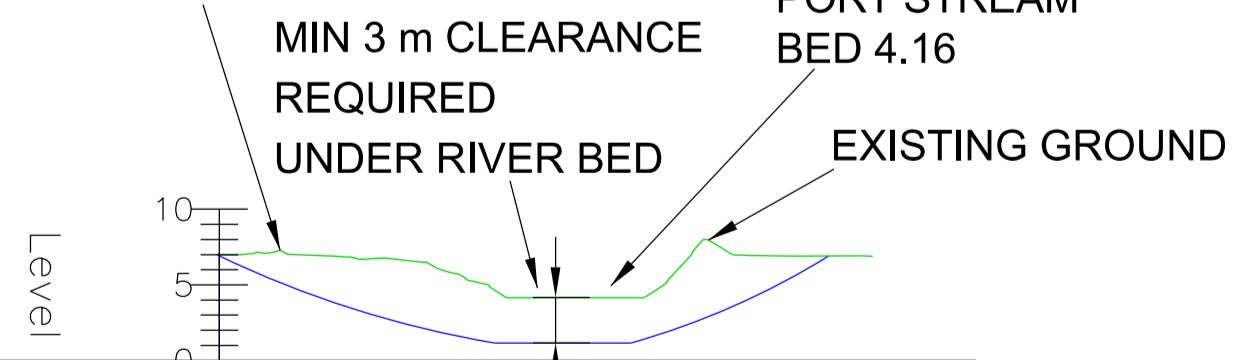


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Government of Ireland Map Sheets 2013, 2012

PROPOSED HDD PROFILE SECTION A-A

SCALE 1:500

PROPOSED 220 kV ONSHORE CABLE ROUTE



Chainage	00.000	10.000	20.000	30.000	40.000	50.000
Existing Levels	7.150	6.842	6.891	6.910	5.075	4.160

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