

**KEY PLAN**

2	3	4	5	6	7	8	9	10	11	12	13
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**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 :**

- FOR PLANNING PURPOSES ONLY. NOT FOR CONSTRUCTION
- ALL DIMENSIONS IN METERS, UNLESS OTHERWISE NOTED
- 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.
- 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.
- 220 kV CABLES TO BE INSTALLED AS PER DRAWING PE605-D027-020-001 (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.
- REFER TO EIRGRID DWG OFD-SSS-524 FOR TRANSITION CHAMBER SPECIFICATIONS. TRANSITION CHAMBER TO BE USED IF DUCT COUPLER NOT AVAILABLE FOR DUCT SIZING
- ALL LEVELS ARE RELATIVE TO MALIN HEAD DATUM

REV.	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
004		ADDED BORE DETAIL, UPDATED CHAINAGE				
003	11/11/25	UPDATED ACCESS TRACK AS PER SPA	NB	NB	RD	MH
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 Unit: **Civil, Environmental and Renewable Engineering**

**Energy for generations**

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DRAWN N.Bell	PRODUCED Bell_Neil	VERIFIED R.Doyle	APPROVED M.Hogan	APPROVAL DATE 18/11/2025
CLIENT REF TC222675		No. OF SHTS 1/1	SHEET A1	SCALE AS STATED

DRAWING NUMBER: **PE605-D027-020-001-005**

PROPOSED BORE DETAIL  
SCALE 1:15

PROPOSED HDD PROFILE  
SECTION A-A

SCALE 1:500

PROPOSED 220 kV ONSHORE  
CABLE ROUTE

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