

**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 WORKING AREA/ STAGING AREA
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED TEMPORARY CONSTRUCTION COMPOUND
- APPLICATION BOUNDARY
- LANDOWNER PROPERTY BOUNDARY
- PROPOSED JOINT 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 PE05-D027-026-001 (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
04		UPDATED ACCESS TRACKS AS PER SPA				
03	27/02/24	UPDATED AS PER RIPS COMMENTS	NB	NB	RD	MH
02	26/01/24	ADDED TRANSITION CHAMBERS, UPDATED LEGEND & NOTES	NB	NB	RD	MH
01	12/04/23	UPDATED HDD ALIGNMENT TO CROSS RAIL @ 95 DEGS	NB	NB	RD	RD
00	11/01/23	FIRST ISSUE	NB	NB	RD	RD

PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED

CLIENT APPROVAL  PLANNING  TENDER  CONSTRUCTION  AS-BUILT

Client: **ORIEL WINDFARM LTD**

Project: **ORIEL WIND FARM PROJECT**

Contract: [Blank]

Drawing Title: **PROPOSED M1/RAIL LINE HDD CROSSING ALIGNMENT & PROFILE AT CHARLEVILLE BRIDGE**

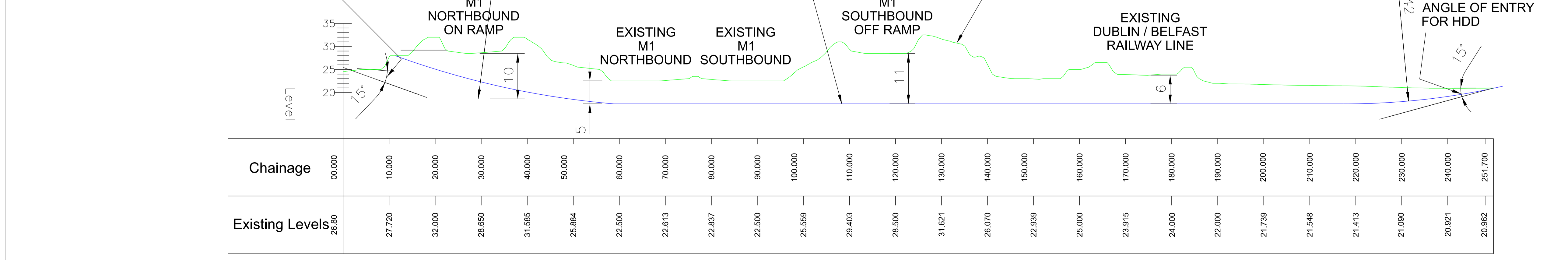
Product/Service: **Civil, Environmental and Renewable Engineering**

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CLIENT REF: TC222883		NO. OF SHEETS: 1/1	SHEET: A1	SCALE: AS STATED

DRAWING NUMBER: **PE605-D027-026-002-004**

**PROPOSED HDD PROFILE SECTION A-A**  
SCALE 1:500



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