

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 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-D027-018-001 (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 DWS OPS-SSS-024 FOR TRANSITION CHAMBER SPECIFICATIONS. TRANSITION CHAMBER TO BE USED IF DUCT COUPLER NOT AVAILABLE FOR DUCT SIZING
- ALL LEVELS ARE RELATIVE TO MAIN HEAD DATUM
- BOTH SIDES OF RIVER DEE AT DRUMCAR BRIDGE ARE ARCHAEOLOGICALLY SENSITIVE. ALL CONSTRUCTION WORKS WILL BE PRECEDED BY ARCHAEOLOGICAL EXCAVATION.

002	UPDATED ACCESS TRACKS AS PER SPA						
001	27/02/24	UPDATED AS PER RPS COMMENTS		NB	NB	RD	MH
000	26/01/24	FIRST ISSUE		NB	NB	RD	MH
REV.	DATE	REVISION DESCRIPTION		DRN	PROD	VER	APP

PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

Client: **ORIEL WINDFARM LTD**

Project: **ORIEL WIND FARM PROJECT**

Contract:

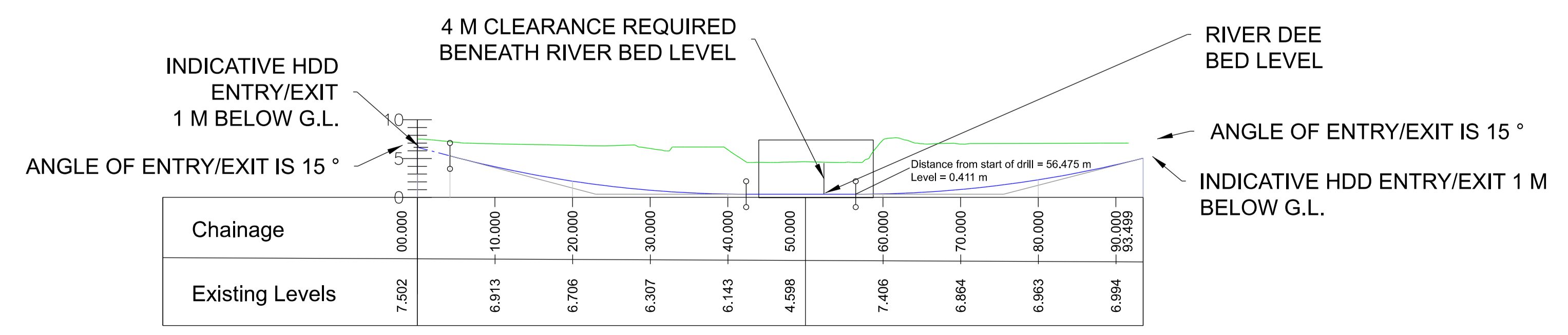
Drawing Title: **PROPOSED RIVER DEE HDD CROSSING ALIGNMENT & PROFILE AT DRUMCAR BRIDGE**

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

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	Bell_Neil	R.Doyle	M.Hoggan	28/02/2024
CLIENT REF	NO. OF SHEETS	SHEET	SCALE	
TC222670	1/1	A1	AS STATED	
DRAWING NUMBER				SHEET REV
PE605-D027-018-001-002				

PROPOSED HDD PROFILE SECTION A-A
SCALE 1:500



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