

2345678910111213

KEY PLAN

LEGEND:

PROPOSED 220 KV ONSHORE CABLE ROUTE

AMENDED 220 KV ONSHORE CABLE ROUTE

PROPOSED HDD HORIZONTAL ALIGNMENT

AMENDED HDD HORIZONTAL ALIGNMENT

PROPOSED TEMPORARY HORIZONTAL DIRECTIONAL DRILL WORKING AREA

AMENDED TEMPORARY HORIZONTAL DIRECTIONAL DRILL WORKING AREA

PROPOSED TEMPORARY ACCESS TRACK

AMENDED TEMPORARY ACCESS TRACK

PROPOSED TEMPORARY CONSTRUCTION COMPOUND

APPLICATION BOUNDARY

LANDOWNER PROPERTY BOUNDARY

AMENDED JOINT BAY

AMENDED C2 CHAMBER

AMENDED LINK BOX CHAMBER

PROPOSED TRANSITION CHAMBER

PROPOSED JOINT BAY

PROPOSED C2 CHAMBER

PROPOSED LINK BOX CHAMBER

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

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-D027-026-001 (LATEST REVISION), WHICH IS A TYPICAL TRENCH LAYOUT. THE OVERALL WIDTH AND FORMATION OF THE TRENCH MAY CHANGE, DEPENDING ON GROUND CONDITIONS AND DETAILED DESIGN

6. REFER TO EIRGRID DWG OFD-S85-524 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

8. ALL DRAINAGE DEPTHS ON PROFILE ARE INDICATIVE ONLY AND HAVE NOT BEEN SURVEYED. DRAINAGE INFORMATION OBTAINED FROM LOUTH COUNTY COUNCIL DRAWINGS D04M0104 & D04M08-04. REFER TO GEO DRILLING PRELIMINARY REPORT 03117G055-22-03-RP-C-005 FOR FURTHER INFORMATION.

008		ADDED REVISION CLOUDS & ANNOTATION				
007	03/12/25	REALIGNED HDD AS PER GEO DRILLING REPORT	NB	NB	RD	MH
006	04/11/25	ADDED BORE DETAIL	NB	NB	RD	MH
005	23/01/25	EXTENDED HDD PROFILE & EXIST PIT BY 11 M WEST OF MT SLIP ROAD	NB	NB	RD	MH
004	06/11/24	UPDATED ACCESS TRACKS AS PER SPA	NB	NB	RD	MH
003	27/02/24	UPDATED AS PER RPS COMMENTS	NB	NB	RD	MH
002	26/01/24	ADDED TRANSITION CHAMBERS, UPDATED LEGEND & NOTES	NB	NB	RD	MH
001	12/04/23	UPDATED HDD ALIGNMENT TO CROSS RAIL @ 95 DEGS	NB	NB	RD	RD
000	11/01/23	FIRST ISSUE	NB	NB	RD	RD

REV.	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED						
CLIENT APPROVAL	<input type="checkbox"/> PLANNING	<input checked="" type="checkbox"/>	TENDER	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> AS-BUILT	<input type="checkbox"/>

Client

ORIEL WINDFARM LTD

Project

ORIEL WIND FARM PROJECT

Contract

CABLE INFRASTRUCTURE CONTRACT

Drawing Title

PROPOSED M1/RAIL LINE HDD CROSSING ALIGNMENT & PROFILE AT CHARLEVILLE BRIDGE

Production Unit

Civil, Environmental and Renewable Engineering

ESB

Energy for generations

Engineering and Major Projects,
One Dublin Airport Central, Dublin Airport,
Cloughran, Co. Dublin, K67 XF72, Ireland.
Tel: +353 (0)1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a division of ESB

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
Bell_Neil	Bell_Neil	R.Doyle	M.Hogon	17/12/2025

CLIENT REF	No. OF SHEETS	SIDE	SCALE
TC222883	1/1	A1	AS STATED

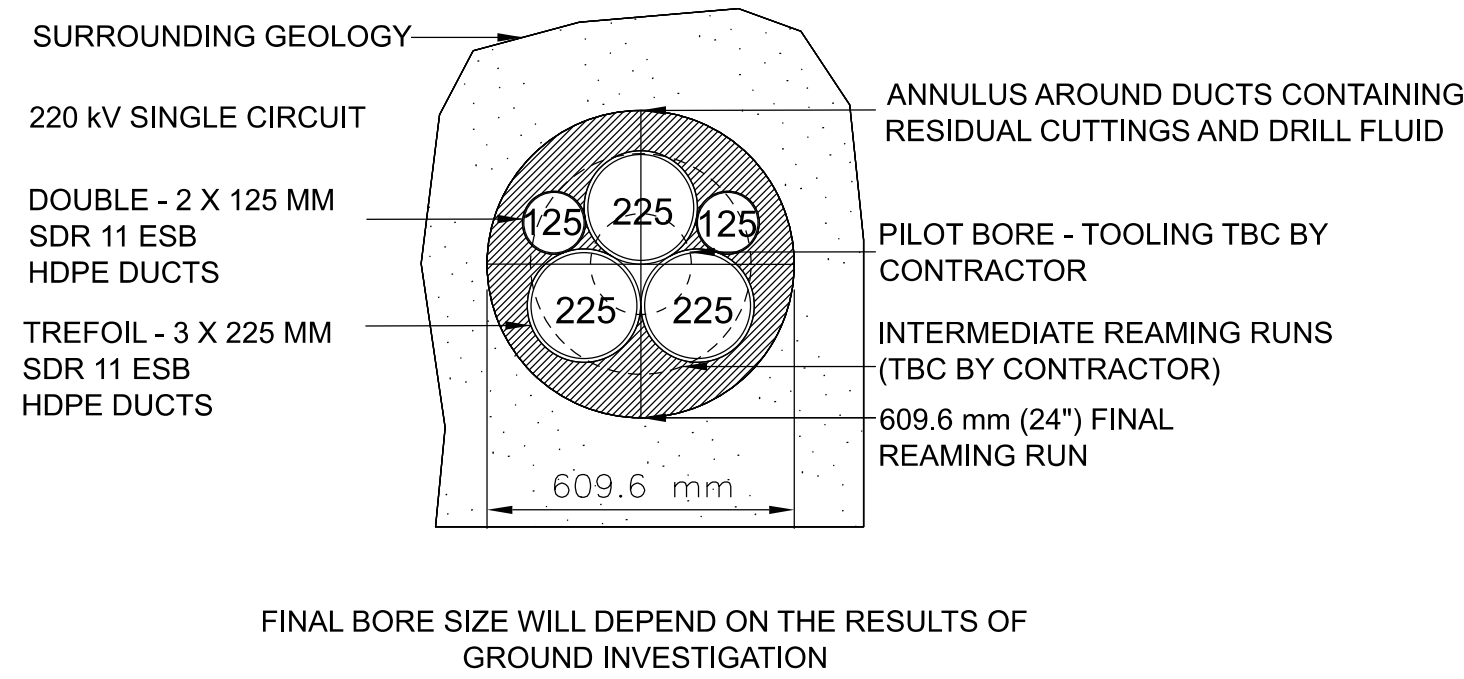
DRAWING NUMBER

SHEET

REV

PE605-D027-026-002-008

PROPOSED BORE DETAIL SCALE 1:15



PROPOSED HDD PROFILE SECTION A-A

SCALE 1:750

SEE NOTE 8 FOR
NOTES ON
DRAINAGE

