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Section B-B

Notes

- 1. For planning purposes only. Not for construction.
- 2. All dimensions are in metres unless otherwise noted.
- 3. Where levels are shown, all levels are in metres above Malin Head datum
- 4. Lightning protection was designed to LPL IV as per IS EN 62305.
- 5. Specific detail & design of layout of equipment and apparatus to be agreed with ESB Networks as Transmission System Owner.

Key to symbols

Scale at A1

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Drawing Number

Status

APR

Rev

229100428-MMD-00-XX-DR-E-5031

PL1

Security

STD

New Equipment

Existing Equipment

Ref Equipment Description 01 220kV Surge Arrestor 02 220kV Voltage Transformer 03 220kV Current Transformer 04 220kV Line/Earth Disconnector 05 220kV Circuit Breaker 06 220kV Post Insulator 07 220kV Disconnector 08 400kV Surge Arrestor 09 400kV Current Transformer 10 400kV Circuit Breaker 11 400kV Voltage Transformer 12 400kV Line/Earth Disconnector 13 400kV Cable Sealing End 14 400kV Post Insulator 15 20m Lightning Mast 16 400 / 220 kV Power Transformer 17 Control and Protection Cabin 18 Lighting Monopole 25m 10m 5m 0 1:250 Reference drawings 229100428-MMD-00-XX-DR-E-1100 Site Location Plan - Key Plan 229100428-MMD-00-XX-DR-E-5030 Knockraha Substation 400kV Transformer Bay - Site Layout 229100428-MMD-00-XX-DR-E-5040 Knockraha Substation - Detail Sheet PL1 25/06/2021 SHY Issued for Planning DH TK Rev Date Ch'k'd App'd Drawn Description South Block Μ Rockfield Dundrum Ν Dublin 16 ΜΟΤΤ Ireland MACDONALD T +353 (0)1 291 6700 W www.mottmac.com Client EIRGRID Title Celtic Interconnector Knockraha Substation 400kV Transformer Bay Sections Eng check D. Hassett Designed I. Eustace S. Healy Coordination D. Monaghan Drawn Dwg check D. Monaghan Approved T. Keane

