

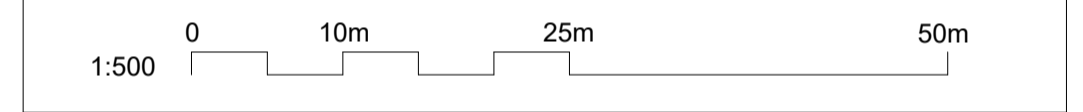


- Notes
1. For planning purposes only. Not for construction.
 2. All dimensions are in metres unless otherwise noted.
 3. Where levels are shown, all levels are in metres above Malin Head datum
 4. Lightning protection was designed to LPL IV as per IS EN 62305.
 5. Specific detail & design of layout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

Key to symbols

- Application Site Boundary
- Landowner Property Boundary
- New Equipment
- Existing Equipment
- New Access Road
- Lighting Monopole
- Existing Palisade Fence
- Proposed Site Level

Ref	Equipment Description
01	220kV Surge Arrestor
02	220kV Voltage Transformer
03	220kV Current Transformer
04	220kV Line/Earth Disconnecter
05	220kV Circuit Breaker
06	220kV Post Insulator
07	220kV Disconnecter
08	400kV Surge Arrestor
09	400kV Current Transformer
10	400kV Circuit Breaker
11	400kV Voltage Transformer
12	400kV Line/Earth Disconnecter
13	400kV Cable Sealing End
14	400kV Post Insulator
15	20m Lightning Mast
16	400 / 220 kV Power Transformer
17	Control and Protection Cabin



- Reference drawings
- 229100428-MMD-00-XX-DR-E-1100 Site Location Plan - Key Plan
 - 229100428-MMD-00-XX-DR-E-1101 Site Location Plan - Sheet 1 of 30
 - 229100428-MMD-00-XX-DR-E-5000 Knockraha 220kV Substation - Site Layout
 - 229100428-MMD-00-XX-DR-E-5031 Knockraha Substation 400kV Transformer Bay - Sections
 - 229100428-MMD-00-XX-DR-E-5040 Knockraha Substation - Detail Sheet

PL1	25/06/2021	SHY	Issued for Planning	DH	TK
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Title
**Celtic Interconnector
Knockraha Substation
400kV Transformer Bay
Site Layout**

Designed	I. Eustace	Eng check	D. Hassett
Drawn	S. Healy	Coordination	D. Monaghan
Dwg check	D. Monaghan	Approved	T. Keane

Scale at A1	Status	Rev	Security
1:500	APR	PL1	STD

Drawing Number
229100428-MMD-00-XX-DR-E-5030

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