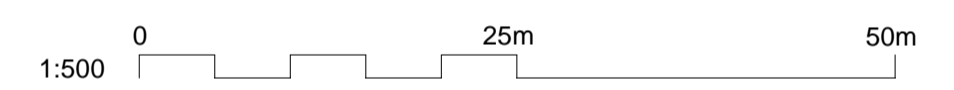


- Notes
1. For planning purposes only. Not for construction.
  2. All dimensions are in metres unless otherwise noted.
  3. Where levels are shown, all levels are in metres above Malin Head datum
  4. Lightning protection was designed to LPL IV as per IS EN 62305.

Key to symbols

- Application Site Boundary
- Landowner Property Boundary
- New Equipment
- Existing Equipment
- Existing Access Road - To be Removed
- Proposed Building
- New Access Road
- Lightning 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 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	400 / 220 kV Power Transformer
15	20m Lightning Mast
16	Control and Protection Cabin



Reference drawings

229100428-MMD-00-XX-DR-E-1100	Site Location Plan - Key Plan
229100428-MMD-00-XX-DR-E-5030	Knockraha Substation - New 400kV Transformer Bay - Plan Layout
229100428-MMD-00-XX-DR-E-5031	Knockraha Substation - New 400kV Transformer Bay - Sections
229100428-MMD-00-XX-DR-E-5040	Knockraha Substation - Detail Sheet

P2	05/03/2021	SHY	Draft Issue	DMC	GMC
P1	05/02/2021	BRZ	Issued for Client Review	DMC	GMC
Rev	Date	Drawn	Description	Ch'kd	App'd

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Client

Title

**Celtic Interconnector  
Knockraha 220kV Substation  
Site Layout**

Designed	I. Eustace	Eng check	D. McCormack
Drawn	B. Zulueta	Coordination	D. Monaghan
Dwg check	D. Monaghan	Approved	G. McCarthy
Scale at A1	Status	Rev	Security
1:500	PRE	P2	STD

OS Mapping Reference: OS6293

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Drawing Number  
**229100428-MMD-00-XX-DR-E-5000**

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