



Notes

- For planning purposes only. Not for construction.
- All dimensions are in metres unless otherwise noted.
- All levels are in metres above Malin Head datum.

Key to symbols

- Application Site Boundary
- Existing Equipment
- New Equipment
- Proposed Underground Cable
- Proposed Building
- New Internal Access
- Permanent Access Track / Hardstanding Area
- Temporary Construction Compound & Laydown Area
- Lighting Monopole
- Lighting Pole
- Traffic Bollard
- Palisade Fence
- Property Fence
- Proposed Site Level

| Equipment Schedule |                     |      |                    |
|--------------------|---------------------|------|--------------------|
| Item               | Description         | Item | Description        |
| 01                 | Power Transformer   | 09   | Gantry Structure   |
| 02                 | Surge Arrestor      | 10   | Post Insulator     |
| 03                 | Disconnecter        | 11   | Combined CT/VT     |
| 04                 | Voltage Transformer | 12   | Reactor            |
| 05                 | Current Transformer | 13   | Capacitor Bank     |
| 06                 | Circuit Breaker     | 14   | Resistor           |
| 07                 | Busbar Support      | 15   | Lightning Monopole |
| 08                 | Cable Sealing End   | 16   | Lighting Pole      |

Reference drawings

|                               |  |
|-------------------------------|--|
| 229100591-MMD-01-XX-DR-D-1310 | Overall Site Drainage Layout                               |
| 229100591-MMD-01-XX-DR-E-1100 | Overall Site Location Plan - Key Plan                      |
| 229100591-MMD-01-XX-DR-E-1512 | Tonroe 110kV Substation - Overall Site Layout- Overview    |
| 229100591-MMD-01-XX-DR-E-1513 | Tonroe 110kV Substation - Existing Site Layout             |
| 229100591-MMD-01-XX-DR-E-1515 | Tonroe 110kV Substation - Sections - Sheet 1               |
| 229100591-MMD-01-XX-DR-E-1516 | Tonroe 110kV Substation - Sections - Sheet 2               |
| 229100591-MMD-01-XX-DR-E-1517 | Tonroe 110kV Substation - Sections - Sheet 3               |
| 229100591-MMD-01-XX-DR-E-1520 | Tonroe 110kV Substation - Proposed Control Building Layout |

|     |            |       |                     |        |       |
|-----|------------|-------|---------------------|--------|-------|
| PL1 | 31/05/2022 | SHY   | Issued for Planning | PF     | DH    |
| Rev | Date       | Drawn | Description         | Ch'k'd | App'd |

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Client

Title

North Connacht 110kV Project

Tonroe 110kV Substation

Overall Site Layout

|           |             |              |             |
|-----------|-------------|--------------|-------------|
| Designed  | R. McNamara | Eng check    | P. Foley    |
| Drawn     | S. Healy    | Coordination | R. McNamara |
| Dwg check | R. McNamara | Approved     | D. Hassett  |

|             |        |     |          |
|-------------|--------|-----|----------|
| Scale at A1 | Status | Rev | Security |
| 1:250       | APR    | PL1 | STD      |

Drawing Number

229100591-MMD-01-XX-DR-E-1510

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OS Mapping Reference:  
OS 1857