

Lewis Hub (AC Substation and HVDC  
Converter Station)

Environmental Impact Assessment Report  
Volume 3a - Figures

February 2025



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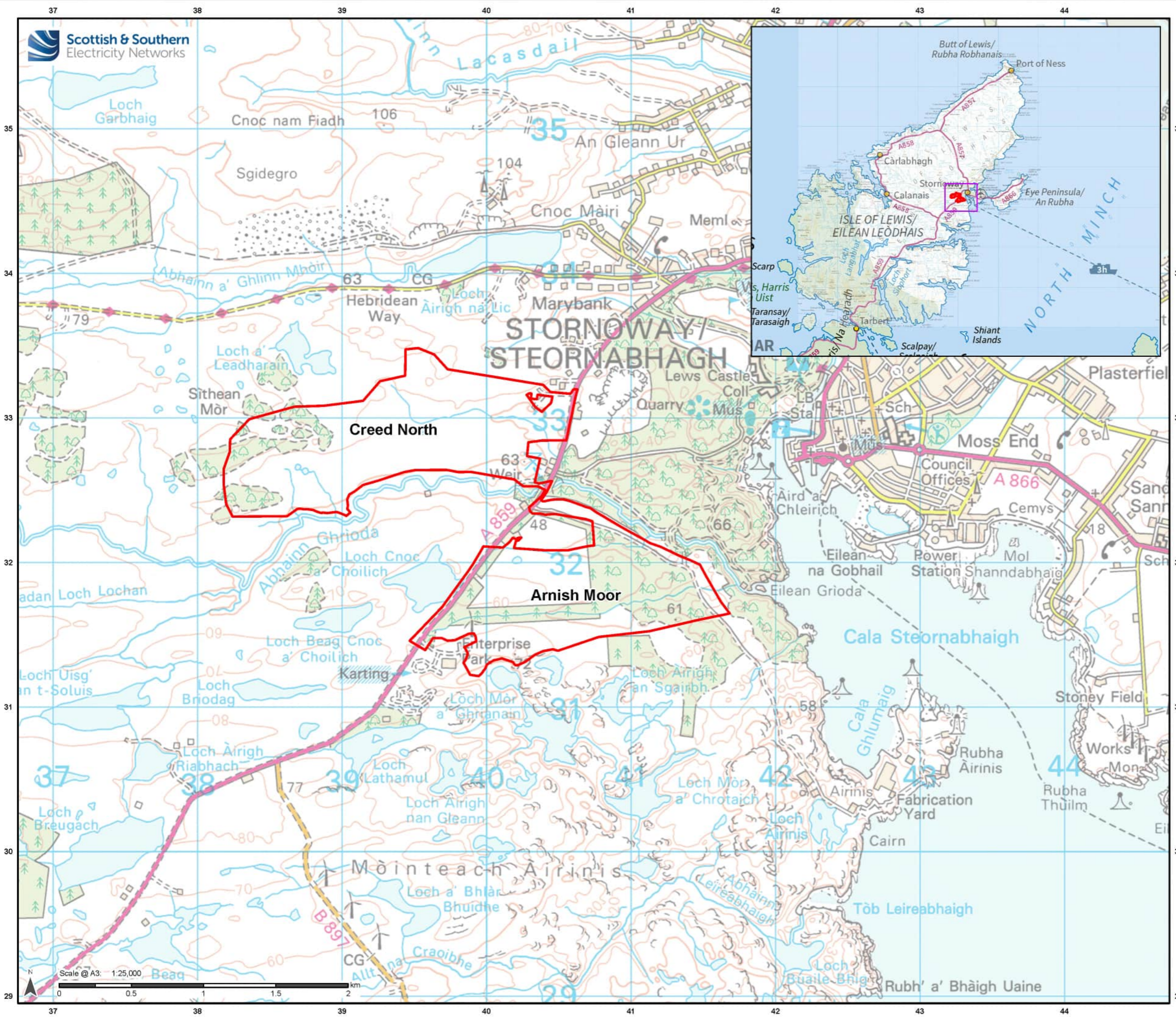
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### Legend

Site Boundary



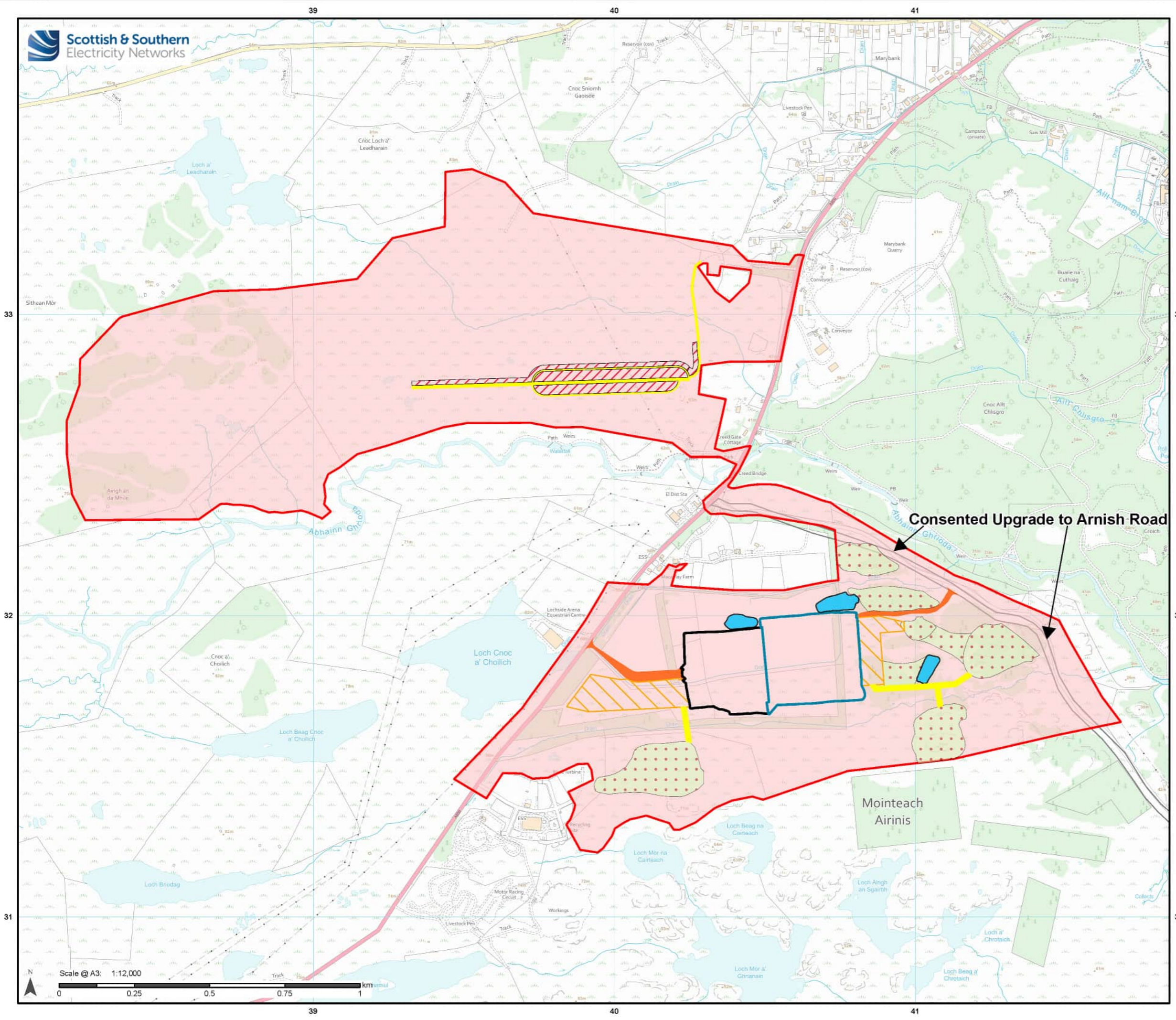
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Project No: LT000014  
Project: Lewis Hub (AC Substation and HVDC Converter Station)

Title:  
**Figure 1.1: Site Location**

Drawn by: AB/CT/RD Date: 03/02/2025

Drawing: 1620015322\_Fig1.1\_SiteLocation\_07



- ### Legend
- Site Boundary
  - HVDC Converter Station Platform
  - AC Substation Platform
  - Permanent Access Track
  - Proposed SuDS Pond
  - Temporary Laydown Area
  - Borrow Area
  - Temporary Access Track
  - Peat Restoration Area

Consented Upgrade to Arnish Road

Mointeach  
Airinis



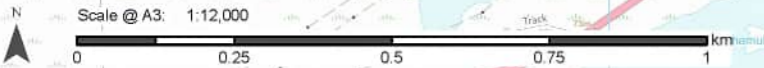
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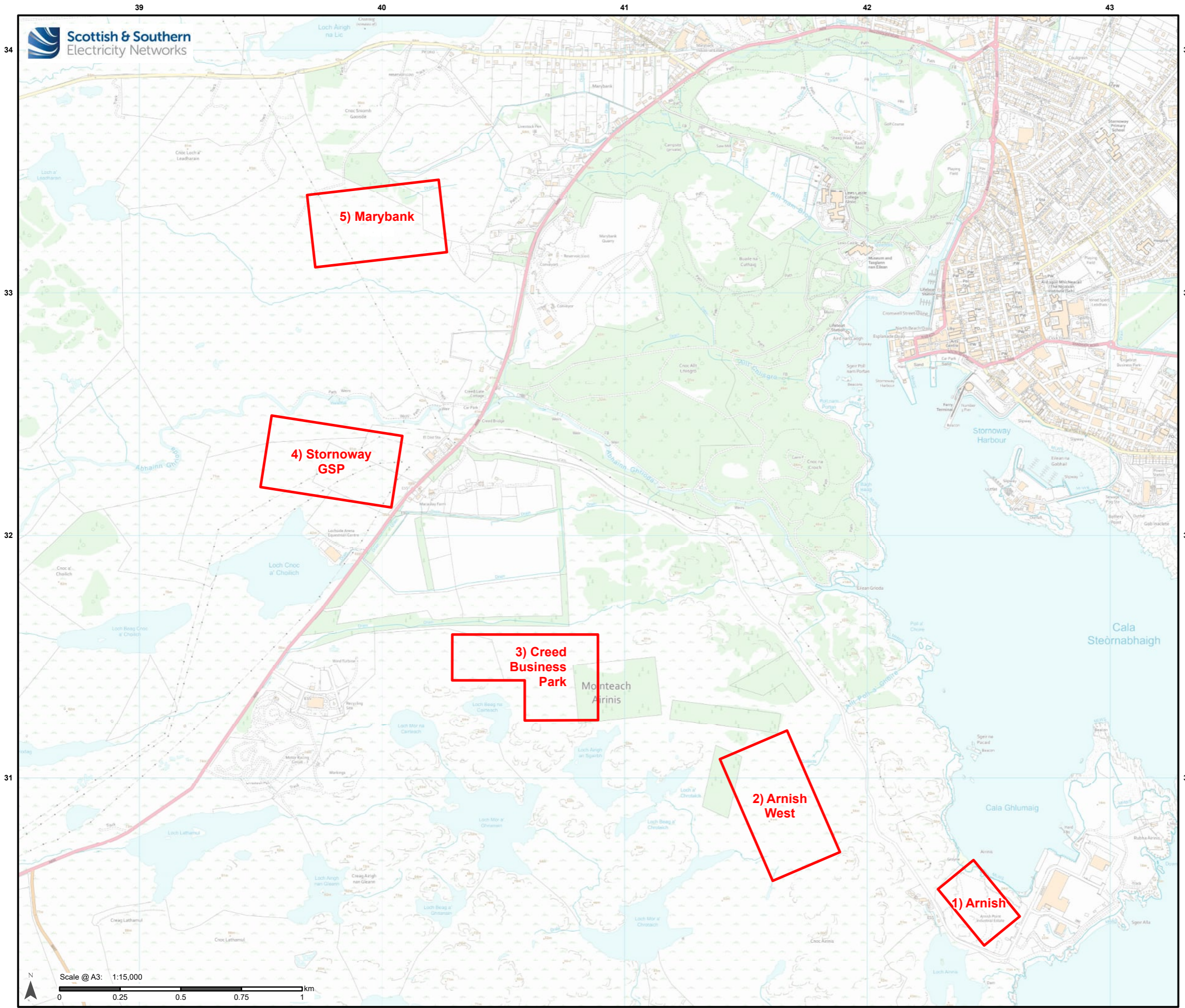
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**Figure 2.1: Proposed Development**

Drawn by: RD Date: 27/01/2025

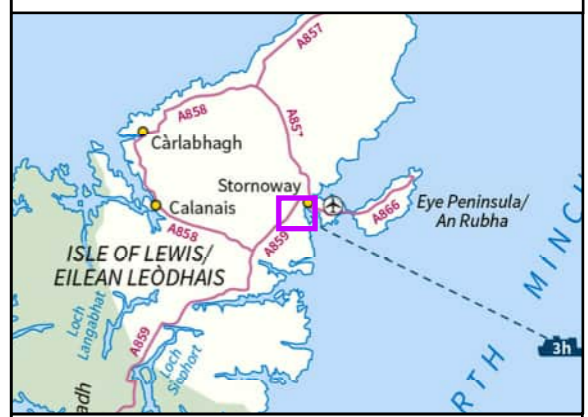
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**Legend**

Site Options



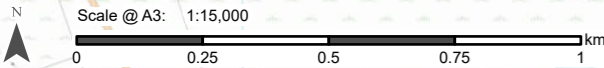
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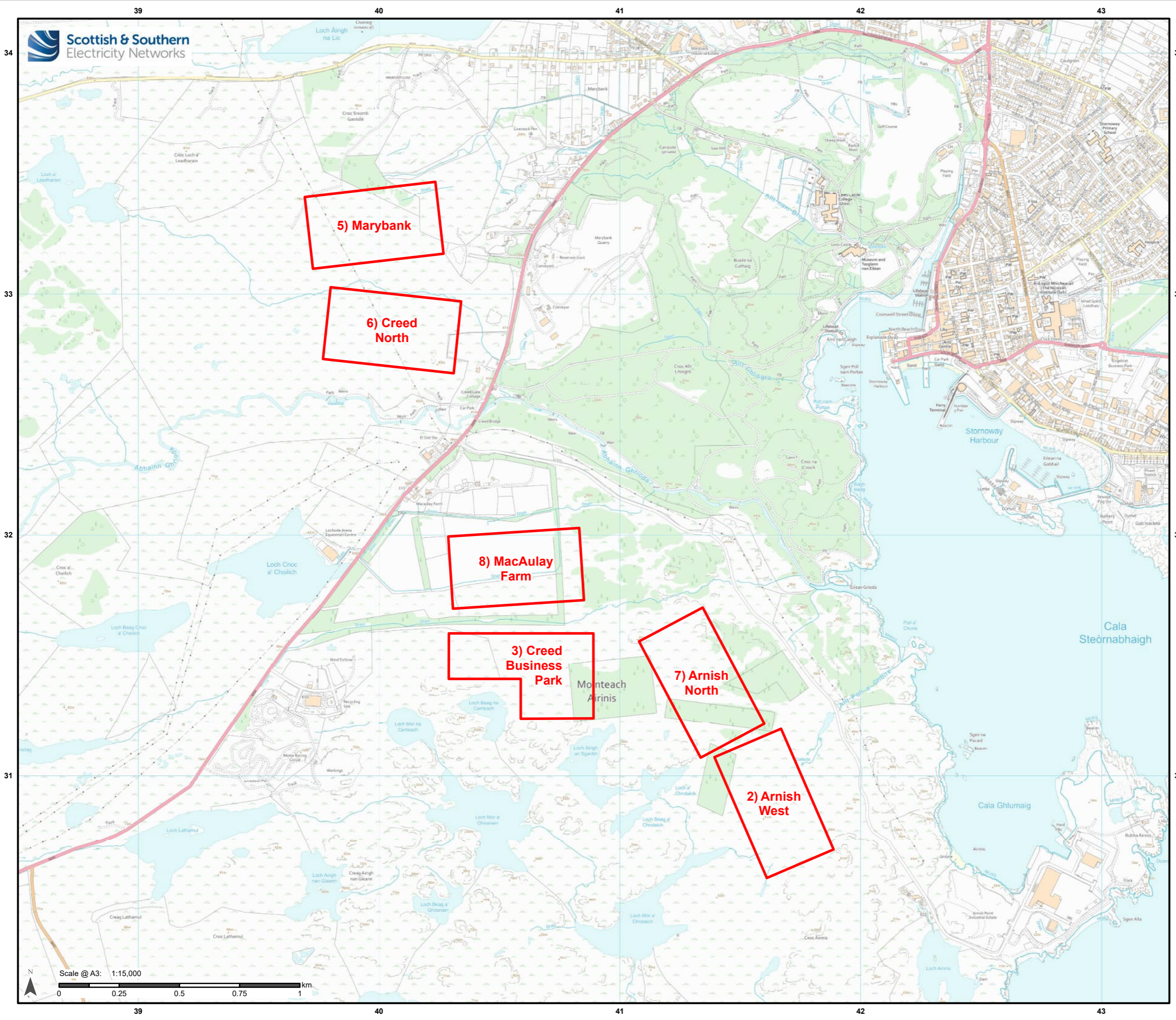
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Figure 3.1: Stage 1 Site Options

Drawn by: AB / RD Date: 27/01/2025

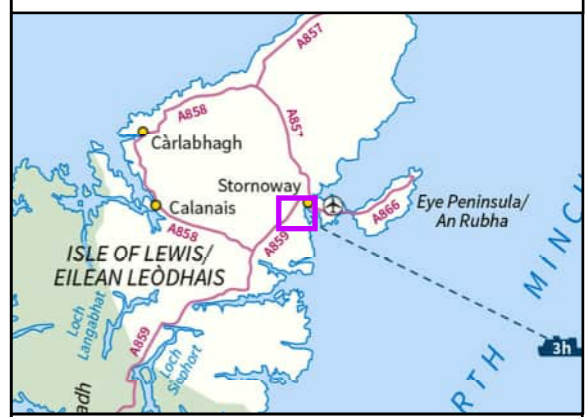
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**Legend**

Site Options



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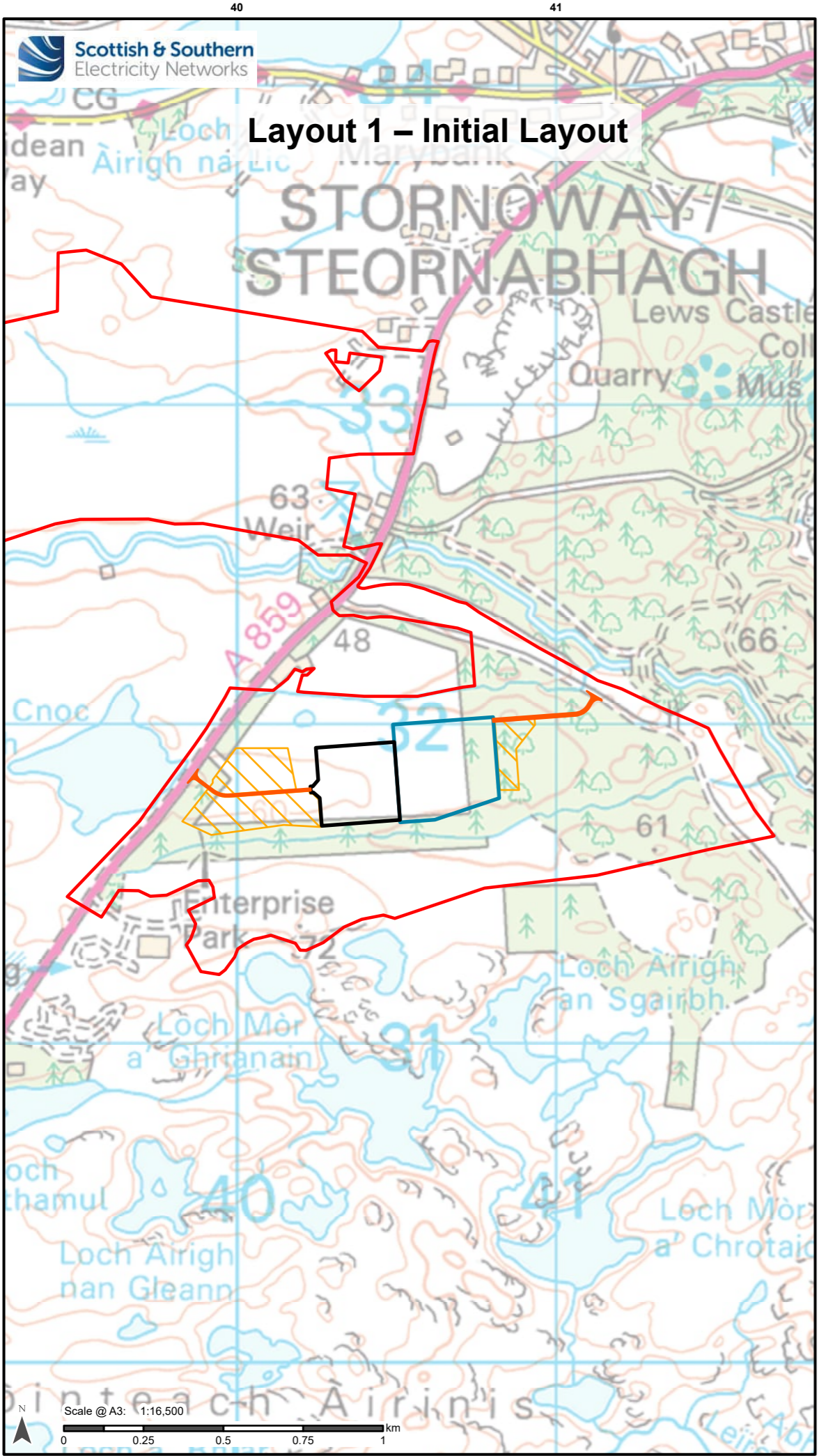
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Title:  
Figure 3.2: Stage 2 Site Options

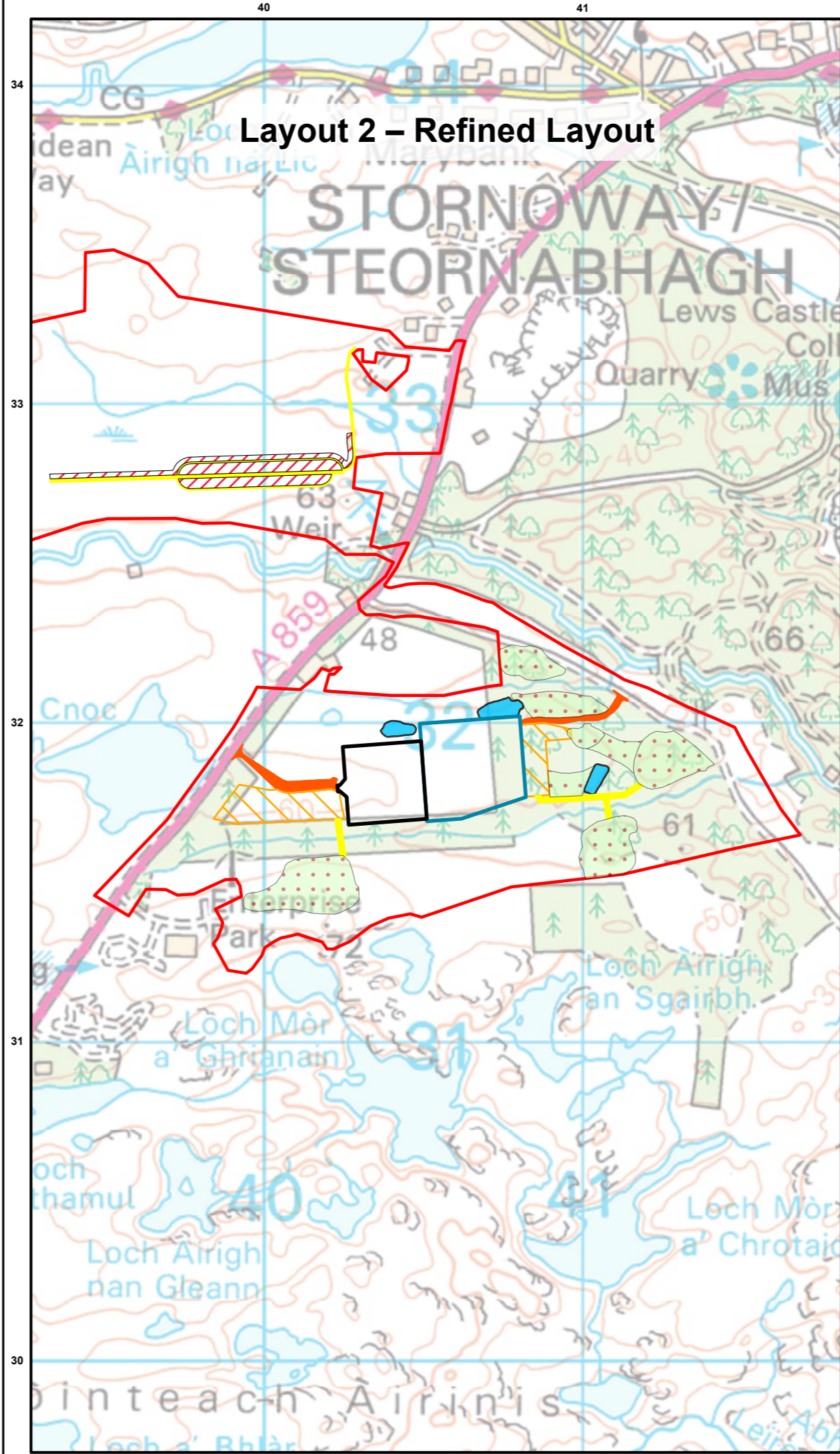
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Drawing: 1620015322-RAM-MA-IA-0000X\_Fig3.2Stage2SiteOptions\_05

### Layout 1 – Initial Layout



### Layout 2 – Refined Layout



- Legend**
- Site Boundary
  - AC Substation Platform
  - HVDC Converter Station Platform
  - Proposed SuDS Pond
  - Temporary Laydown Area
  - Access Track
  - Temporary Access Track
  - Borrow Area
  - Peat Restoration Area



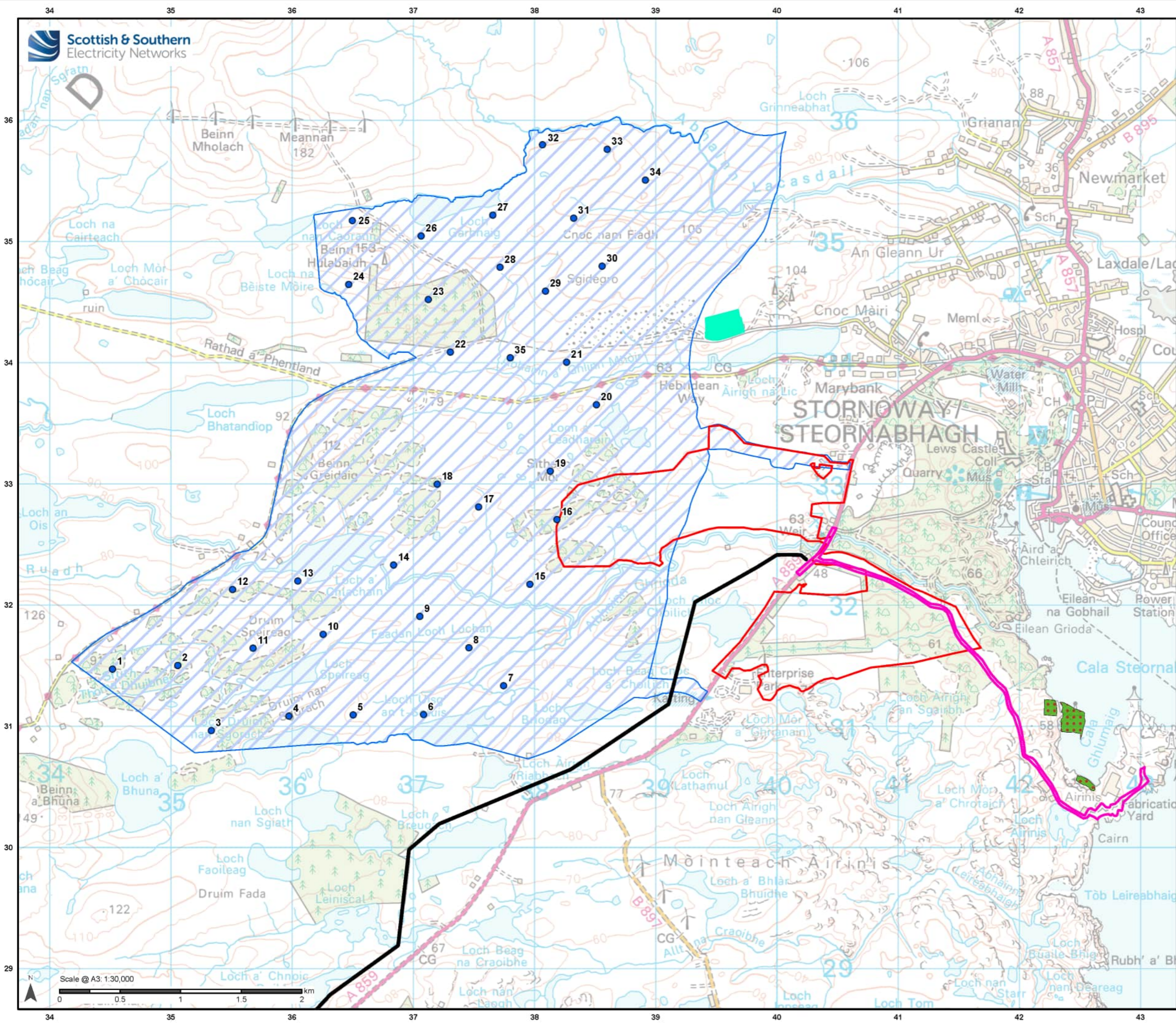
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 Figure 3.3: Layout Design Evolution

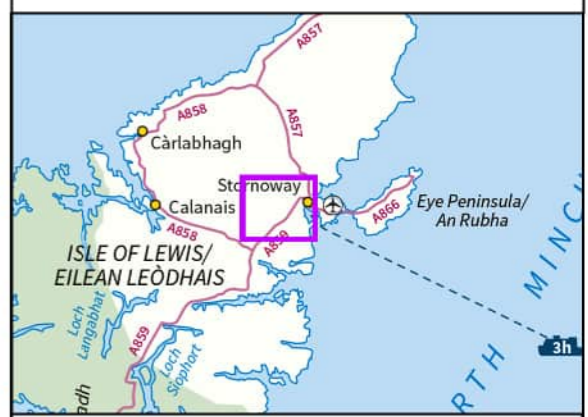
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### Legend

- Site Boundary
- Stornoway Windfarm Turbine Location
- Stornoway Windfarm Site Boundary
- Harris-Stornoway OHL
- Proposed Arnish Road Upgrade
- Deep Water South Project
- Marybank Quarry Extension



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**Figure 4.1: Cumulative Development**

Drawn by: JC/RD Date: 27/02/2025

Drawing: 1620015322-RAM-MA-IA-0000X\_Fig4.1CumulativeDev\_05

Scale @ A3: 1:30,000  
0 0.5 1 1.5 2 km