

PROJECT
Spirebush Renewable Energy Project Grid Connection

CLIENT
SP Energy Networks

- KEY**
- Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Local Authority Boundary
 - SPT Overhead Transmission Network
 - Existing 132kV
 - Existing 275kV
 - Existing 400kV

TITLE
Figure 1
Location of the Project

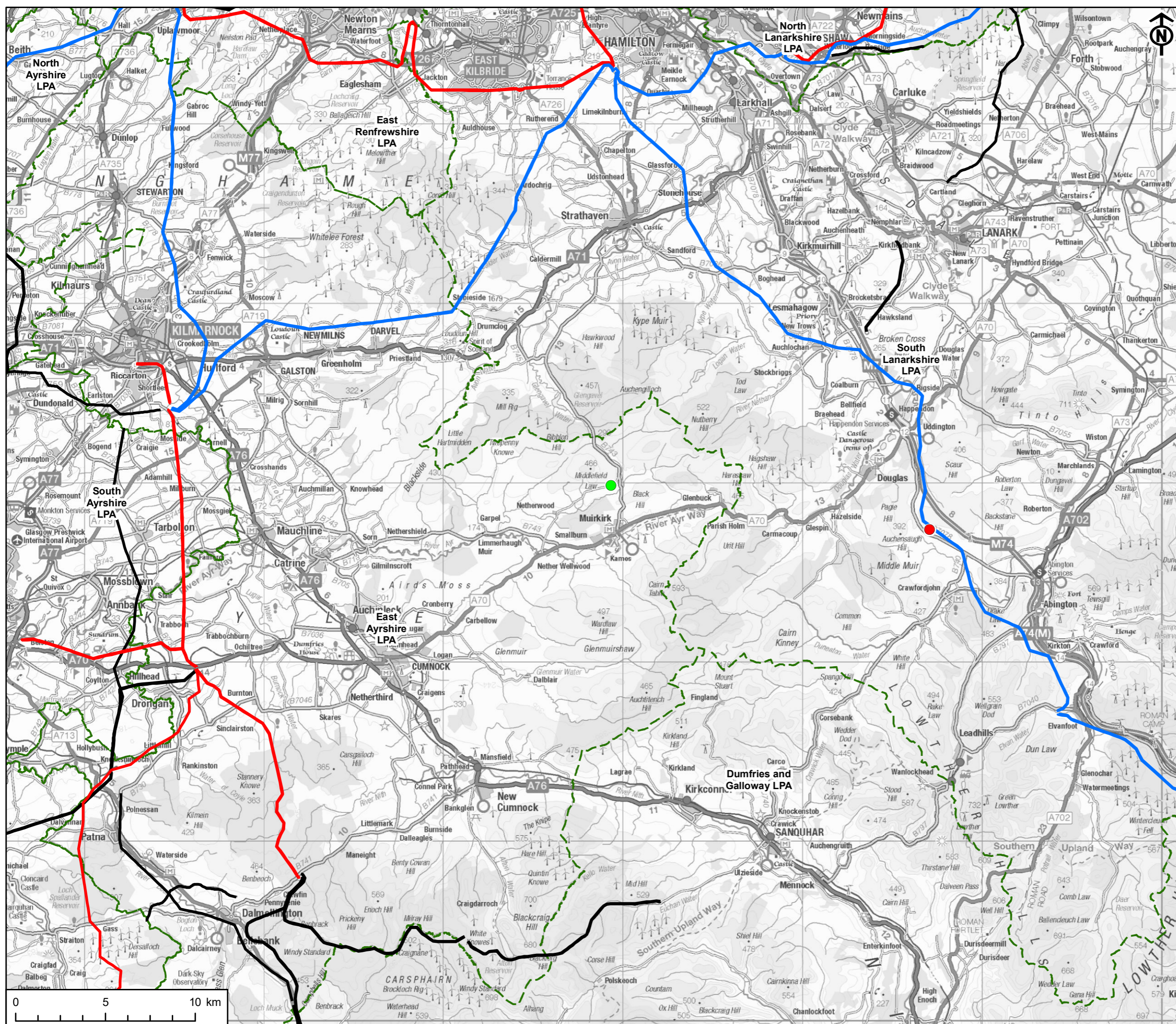
REFERENCE
SB_20240530_RC_1_v2

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1 of 1

DATE
30/05/24

Project Management Initials: DR Designer: LC Checked: DF Approved: SW

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PROJECT
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- KEY**
- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Local Authority Boundary
 - SPT Overhead Transmission Network
 - Existing 400kV

TITLE
Figure 4
Study Area

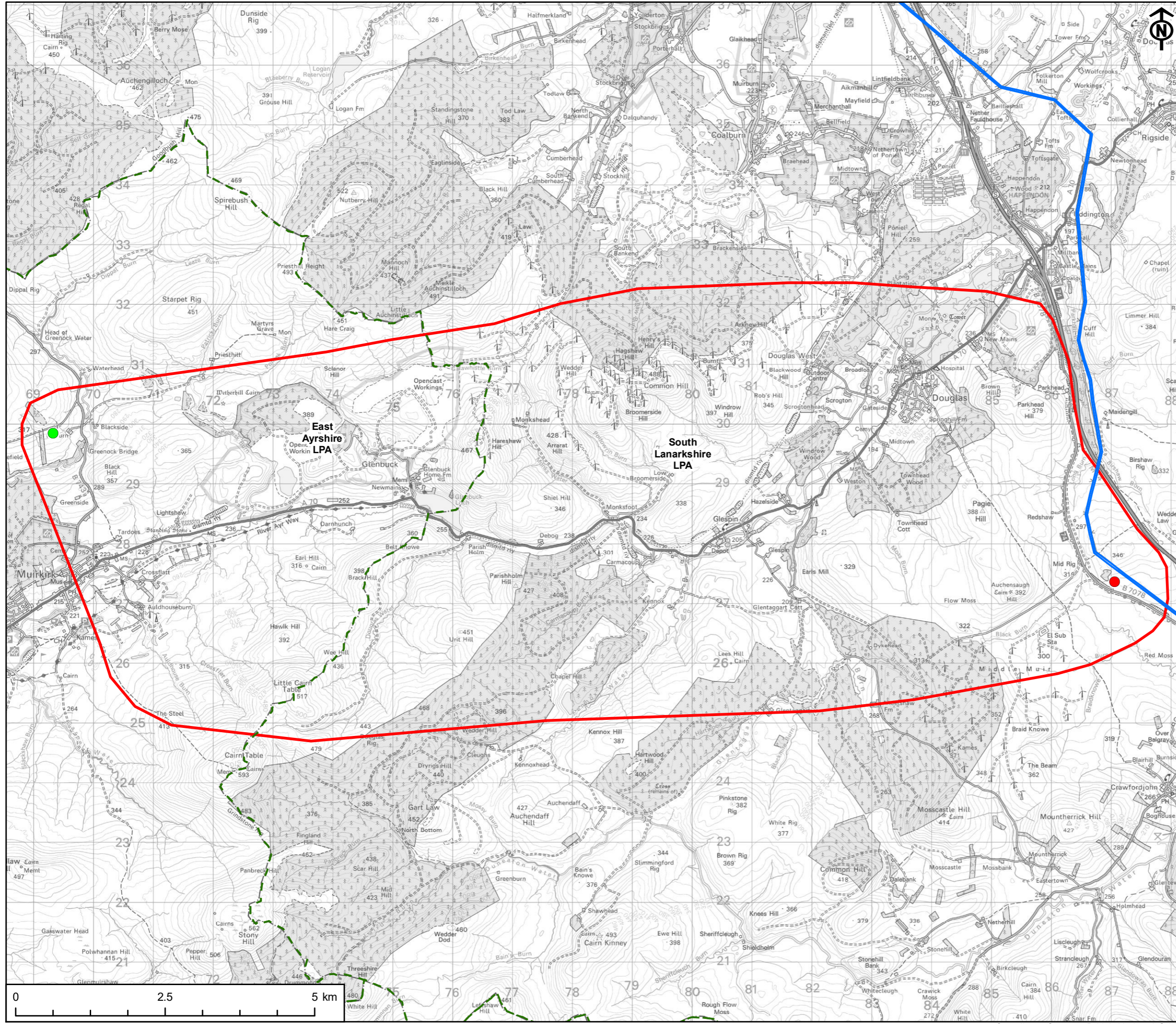
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SB_20240530_RC_4_v2

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- KEY**
- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Category A Listed Building
 - Category B Listed Building
 - Category C Listed Building
 - Glenbuck Heritage Site
 - Wind Turbine Location
 - Wind Turbine Location - 2x Rotor Diameter
 - Special Area of Conservation (SAC)
 - Special Protection Area (SPA)
 - Site of Special Scientific Interest (SSSI)
 - Special / Sensitive Landscape Area
 - Ancient Woodland
 - Native Woodland
 - Scheduled Monument
 - Residential Dwelling - 150m Trigger for Further Review
 - SPT Overhead Transmission Network
 - Existing 400kV

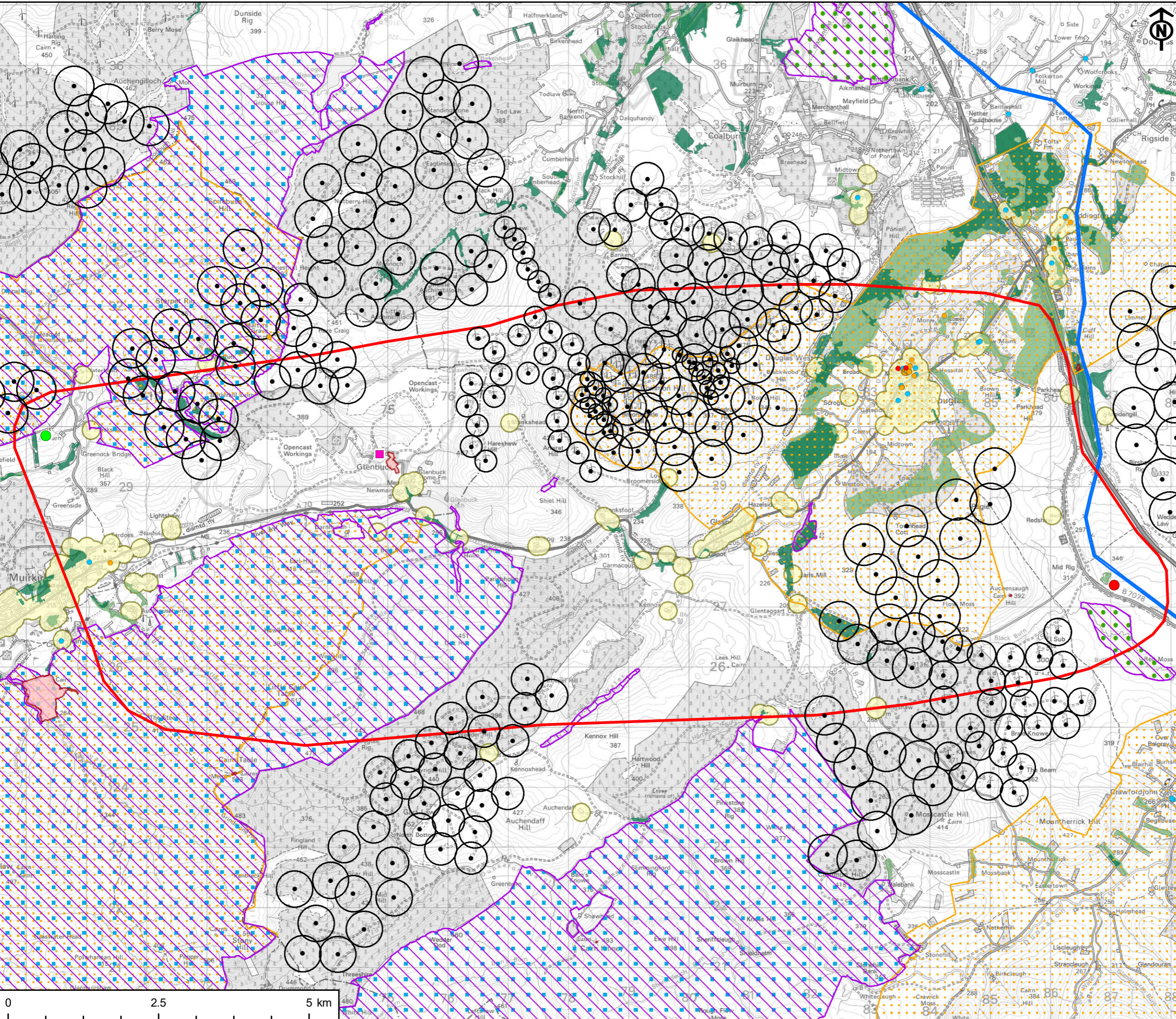
TITLE
Figure 5
Key Routing Considerations

REFERENCE
SB_20240530_RC_5_v2

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- KEY**
- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location

SPT Overhead Transmission Network

Existing 400kV

Route Options

- Section 1
- Section 2
- Section 3
- Section 4
- Section 5

TITLE
Figure 6
Route Options

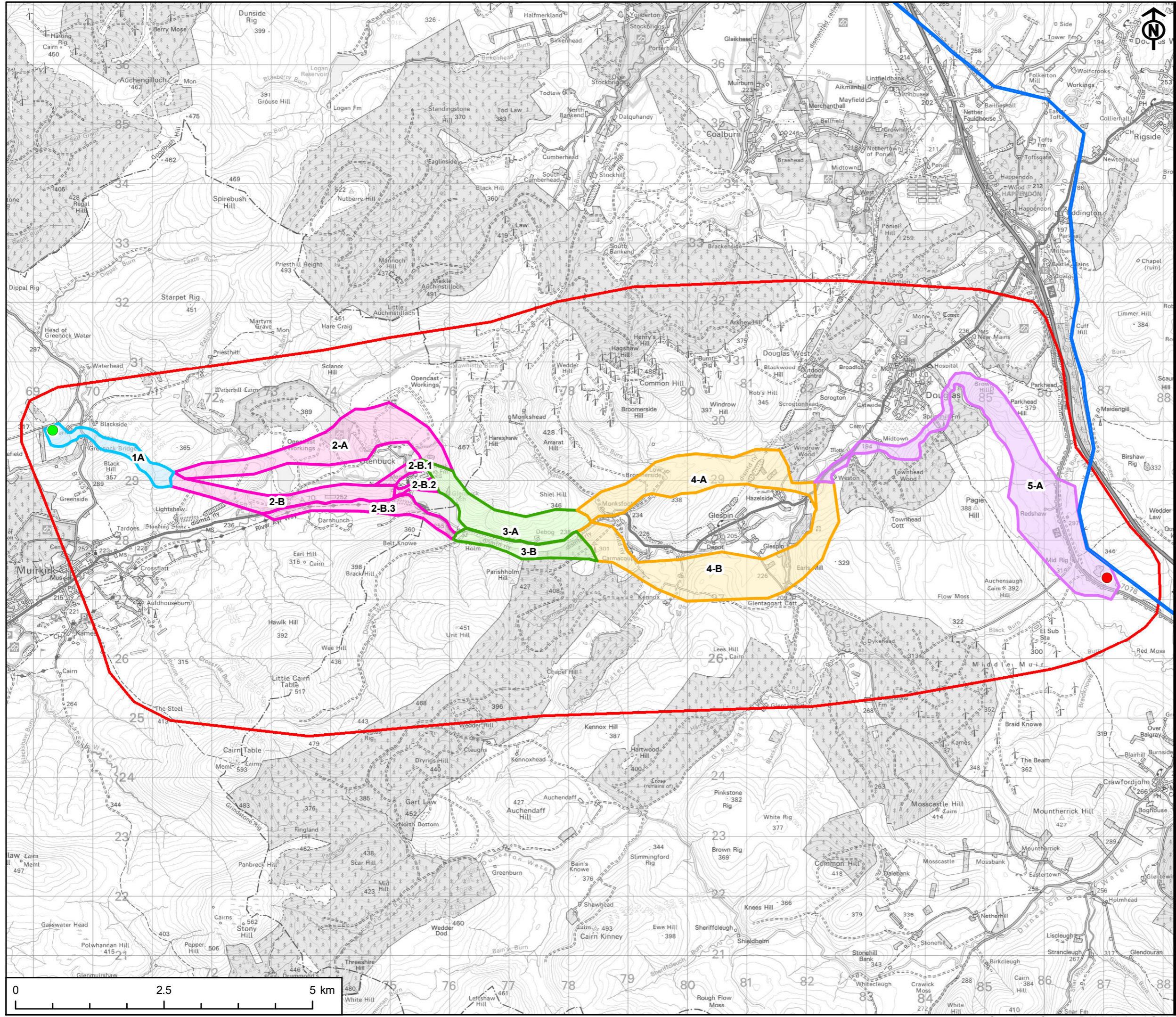
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- KEY**
- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Preferred Route Option
 - Discounted Route Option
 - SPT Overhead Transmission Network
 - Existing 400kV

TITLE
Figure 7
Preferred Route Option

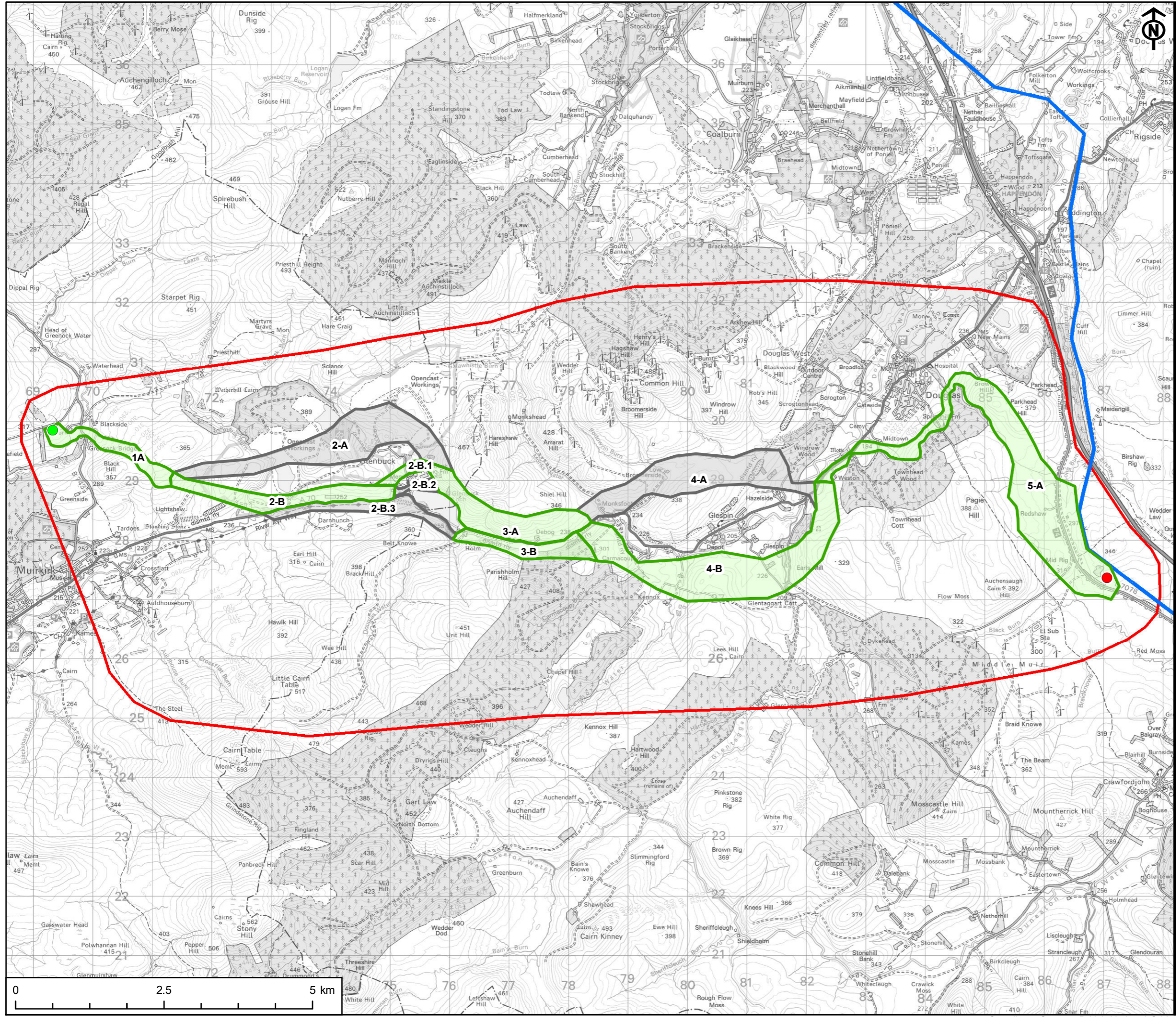
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- KEY**
- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Special / Sensitive Landscape Area
 - Residential Dwelling - 150m Trigger for Further Review

Route Options

- Section 1
- Section 2
- Section 3
- Section 4
- Section 5

Landscape Character Assessment (NatureScot)

- Broad Valley Upland
- Plateau Farmland - Glasgow & Clyde Valley
- Plateau Moorland - Ayrshire
- Plateau Moorlands - Glasgow & Clyde Valley
- Southern Uplands - Dumfries & Galloway
- Southern Uplands - Glasgow & Clyde Valley
- Undulating Farmland and Hills
- Upland River Valley - Glasgow & Clyde Valley
- Upland River Valleys - Ayrshire

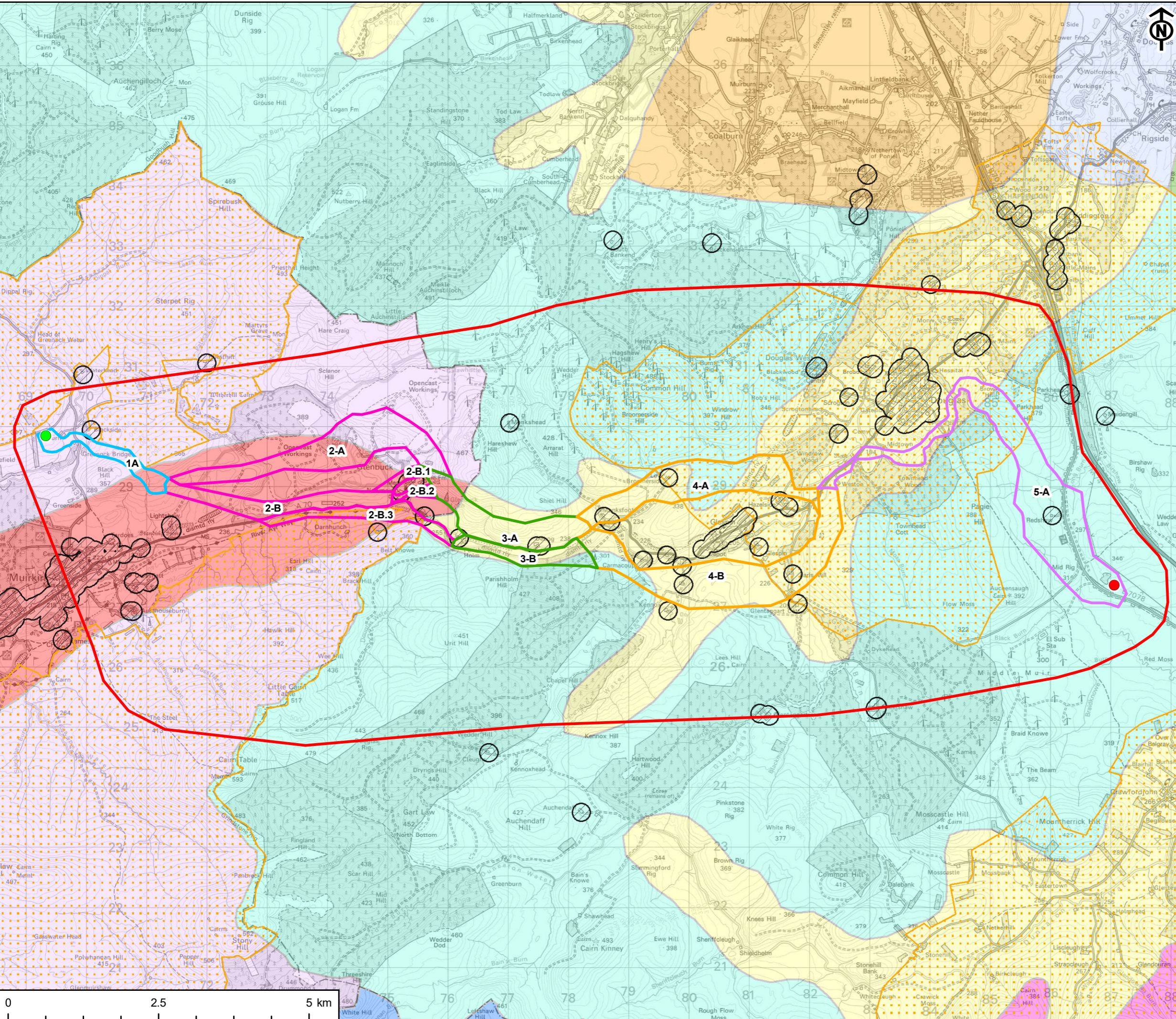
TITLE
Figure D1
Landscape and Visual Considerations

REFERENCE
SB_20240530_RC_A_D1_v2

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- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Special Area of Conservation (SAC)
 - Special Protection Area (SPA)
 - Site of Special Scientific Interest (SSSI)
 - Ancient Woodland
 - Native Woodland
 - National Forestry Inventory
 - SPT Overhead Transmission Network
 - Existing 400kV

Route Options

- Section 1
- Section 2
- Section 3
- Section 4
- Section 5

TITLE
Figure D2
Ecology & Forestry Considerations

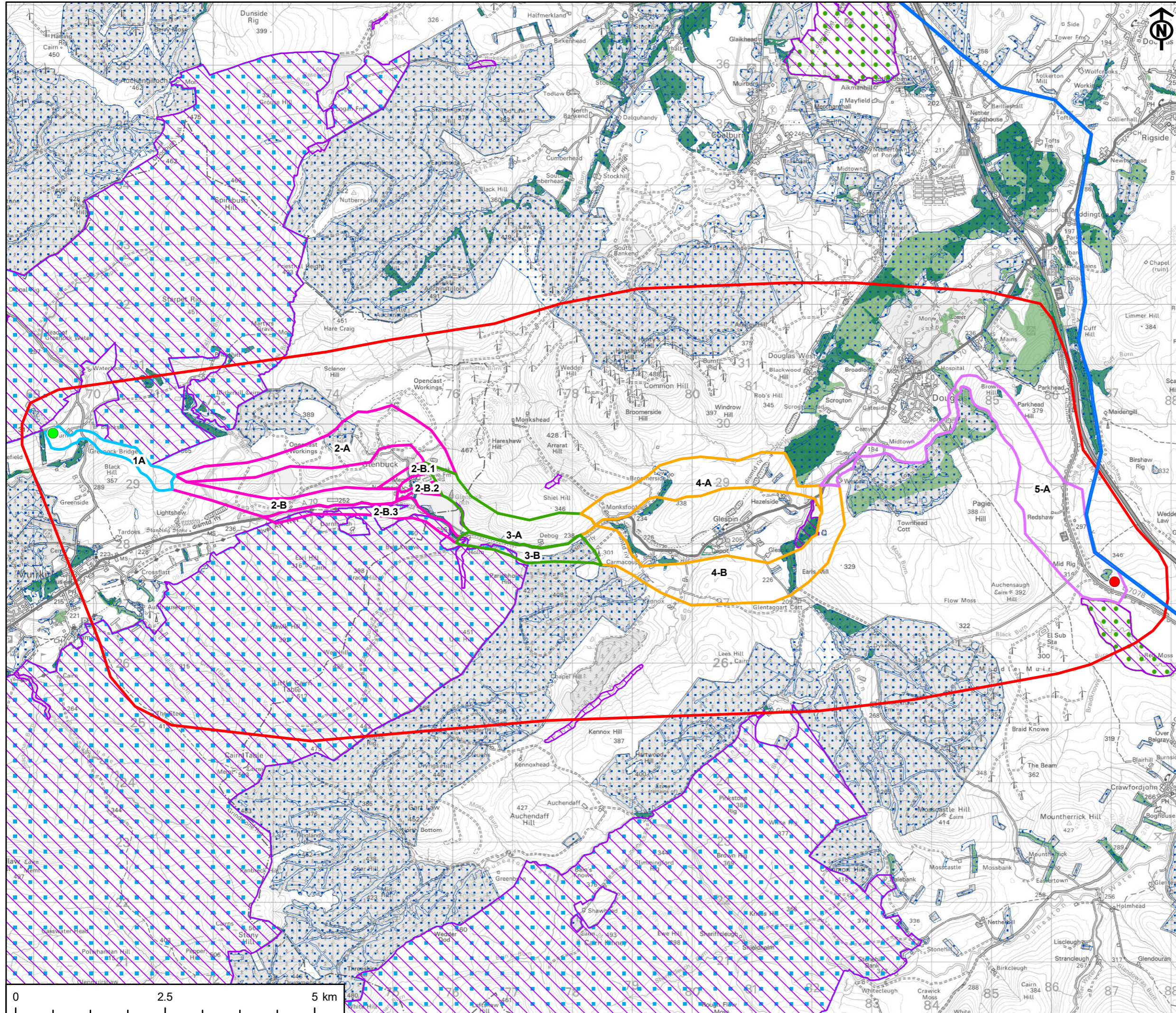
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- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Category A Listed Building
 - Category B Listed Building
 - Category C Listed Building
 - Glenbuck Heritage Site
 - Scheduled Monument
 - Conservation Area
 - SPT Overhead Transmission Network

Existing 400kV

Route Options

- Section 1
- Section 2
- Section 3
- Section 4
- Section 5

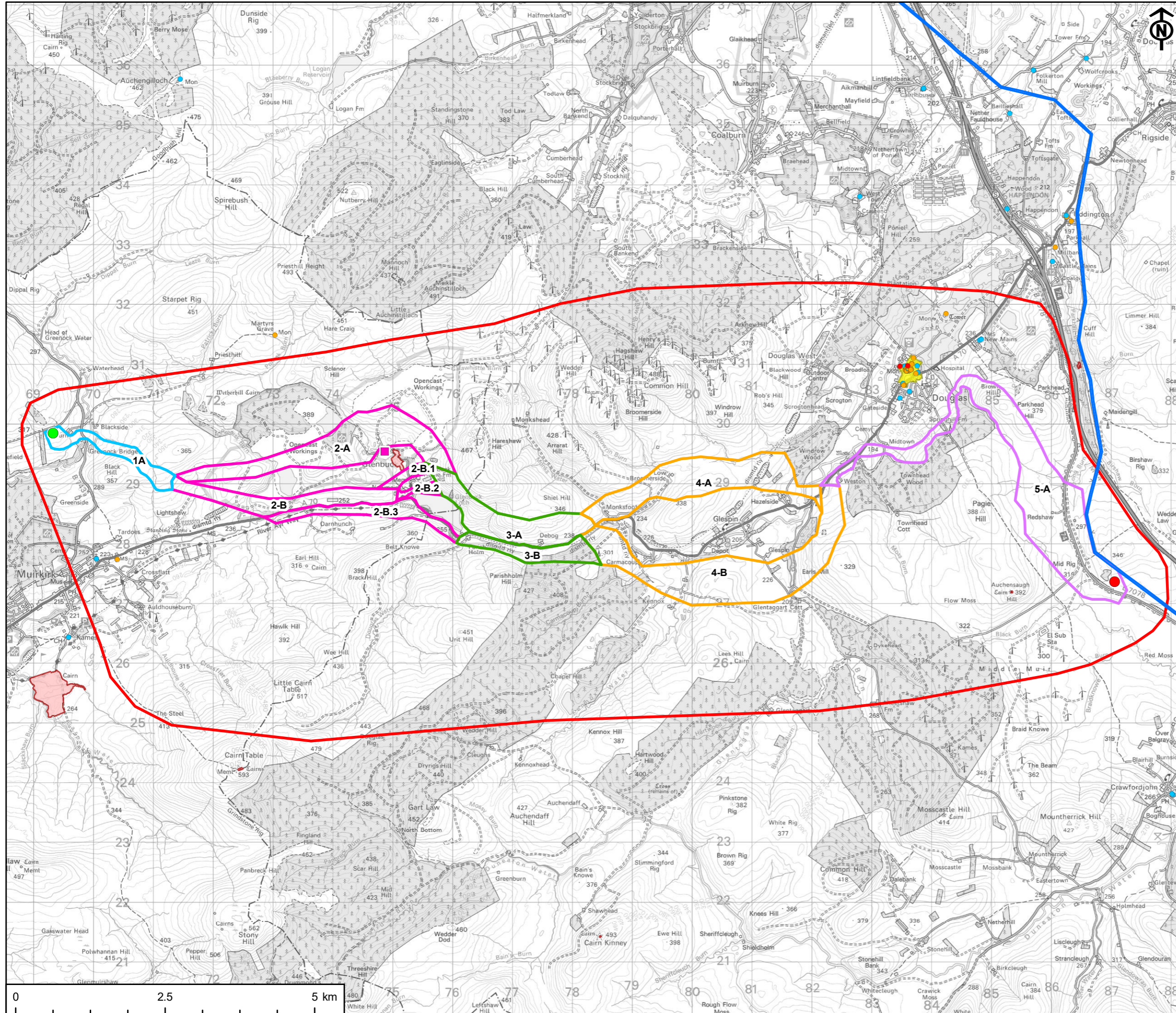
TITLE
Figure D3
Cultural Heritage Considerations

REFERENCE
SB_20240530_RC_A_D3_v2

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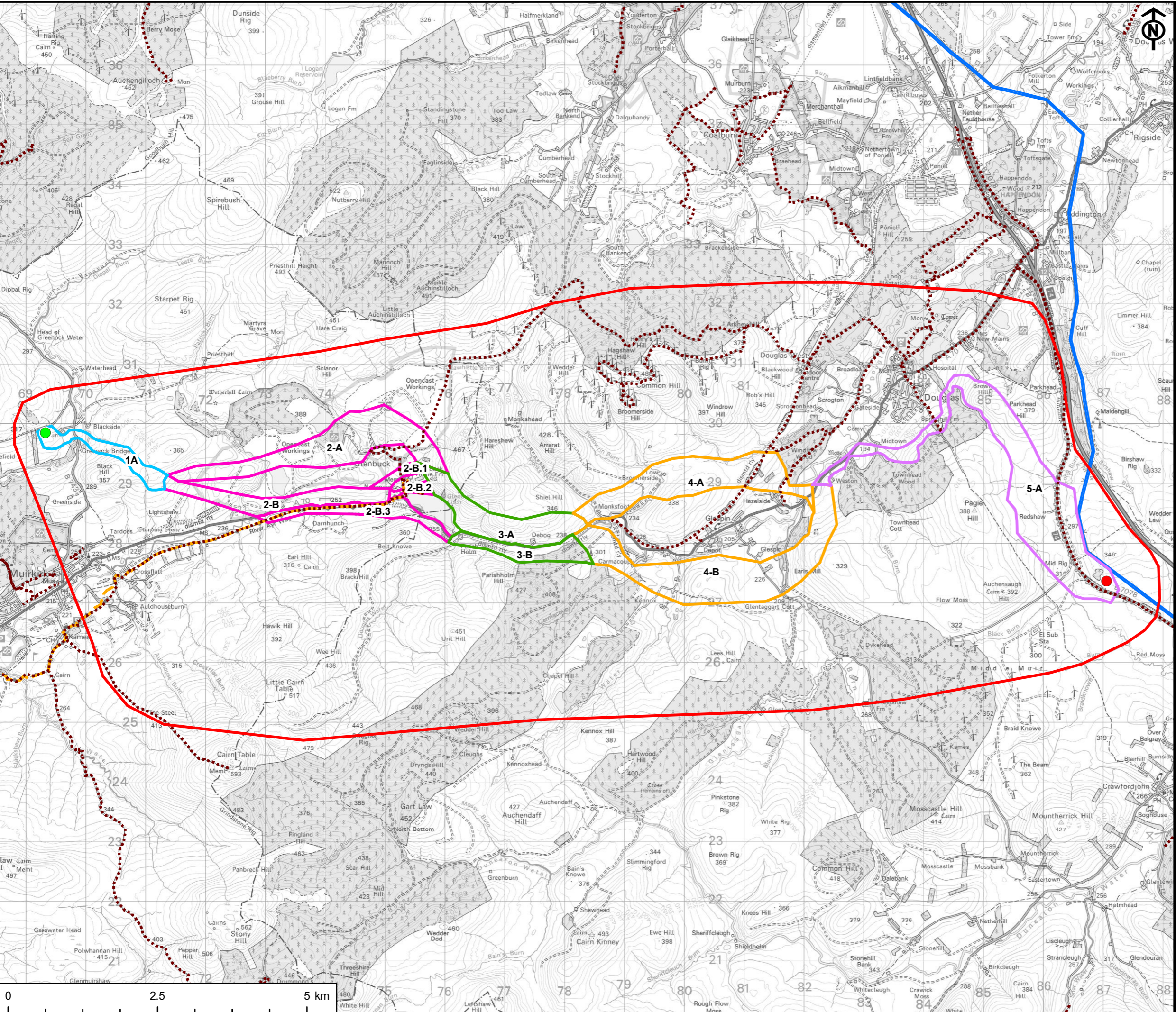
PROJECT
Spirebush Renewable Energy Project Grid Connection

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- KEY**
- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Great Trail
 - Corepath
 - SPT Overhead Transmission Network
 - Existing 400kV
 - Route Options
 - Section 1
 - Section 2
 - Section 3
 - Section 4
 - Section 5

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TITLE
Figure D4
Tourism and Recreation Considerations

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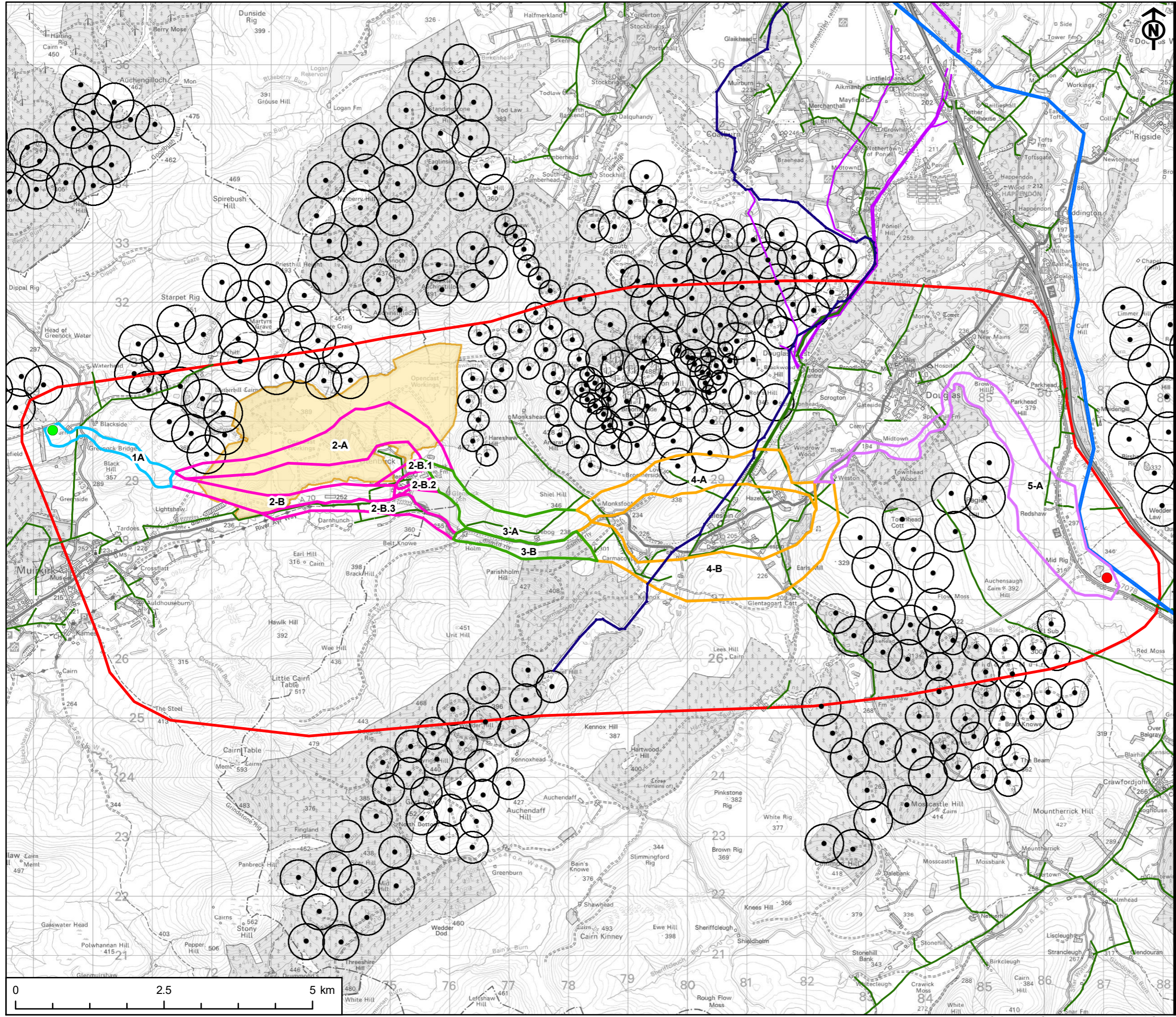
PROJECT
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- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Wind Turbine Location
 - Wind Turbine Location - 2x Rotor Diameter
 - Proposed Kennoxhead Wind Farm Connection Route
 - Ponesk Spireslack Site Boundary
 - SPT Overhead Transmission Network
 - Existing 400kV
 - Distribution Network
 - Existing 11kV
 - Existing 33kV
 - Route Options
 - Section 1
 - Section 2
 - Section 3
 - Section 4
 - Section 5

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TITLE
Figure D5
Land Use & Other Infrastructure Considerations

REFERENCE
SB_20240530_RC_A_D5_v2

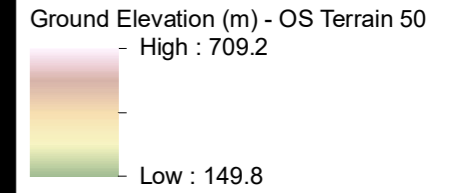
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- KEY**
- Study Area
 - Indicative Spirebush Wind Farm Point of Connection
 - Indicative Redshaw Substation Location
 - Watercourse
 - Carbon-rich soil, deep peat and priority peatland habitat
 - SPT Overhead Transmission Network
 - Existing 400kV
 - Route Option 1
 - Route Option 2
 - Route Option 3
 - Route Option 4
 - Route Option 5



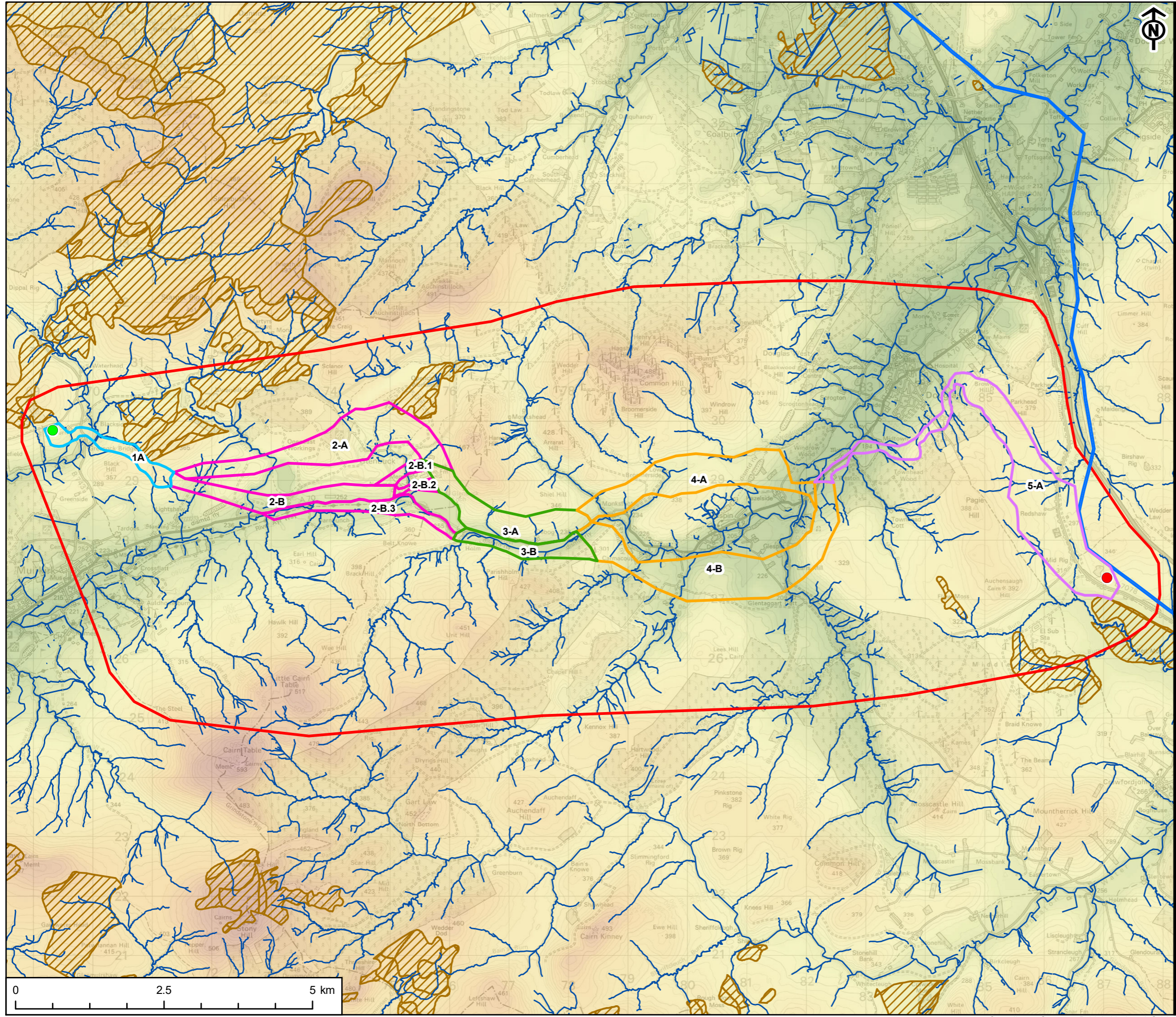
TITLE
Figure D6
Physical Environment Considerations

REFERENCE
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