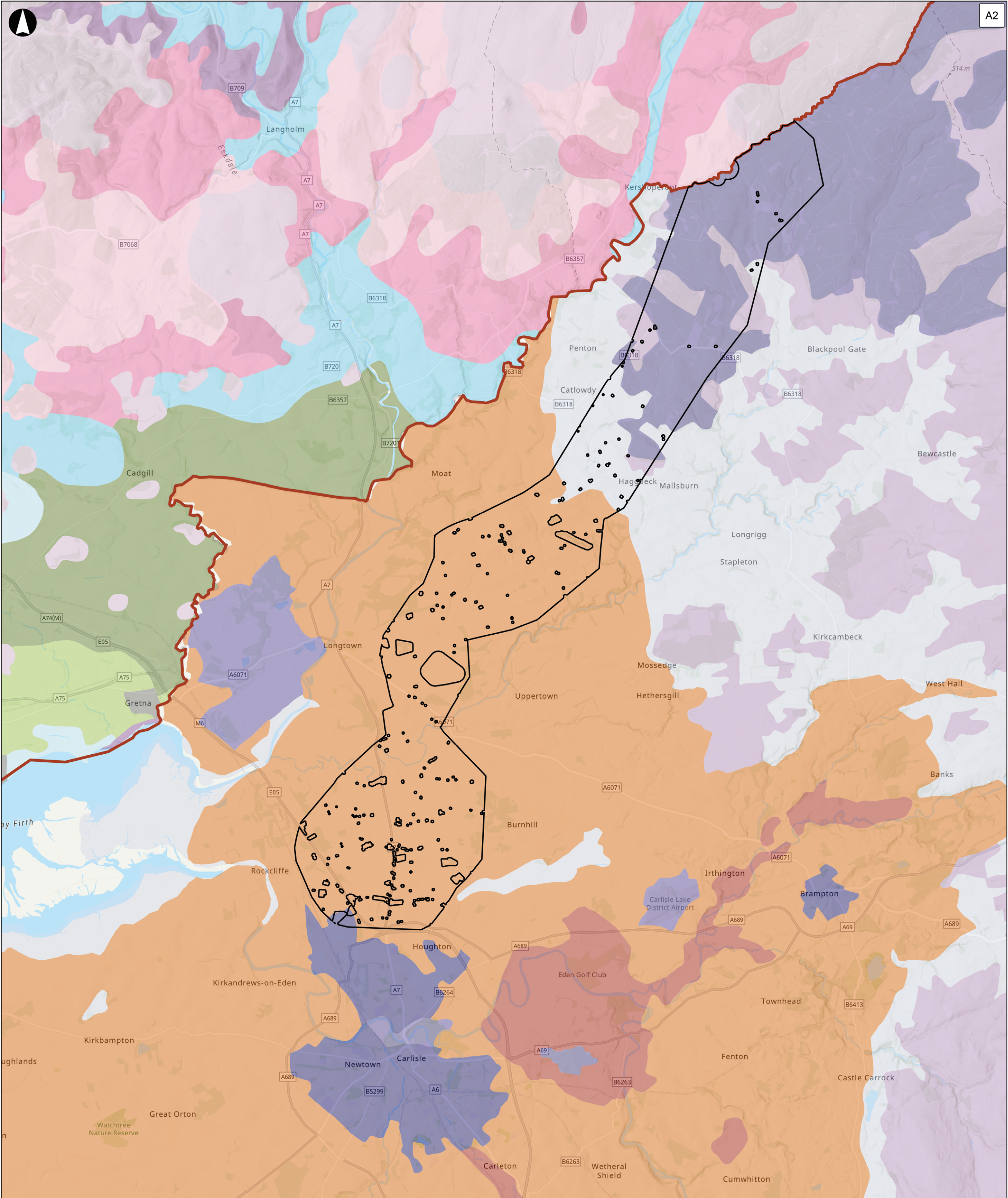


1.A Agricultural Land Classification Map - Option A

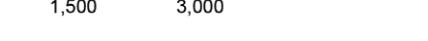


Legend

	Emerging Preferred Corridor – Option A		Class 2
	England - Scotland Border		Class 3.1
	Provisional Agricultural Land Classification (England)		Class 3.2
	Grade 2		Class 4.1
	Grade 3		Class 4.2
	Grade 4		Class 5.1
	Grade 5		Class 5.2
	Non Agricultural		Class 5.3
	Urban		Class 6.1
	Exclusion		Class 6.2
	Land Capability for Agriculture (Scotland)		Class 6.3
	Class 1		Class 7
			Urban

Coordinate System: British National Grid

Credits:
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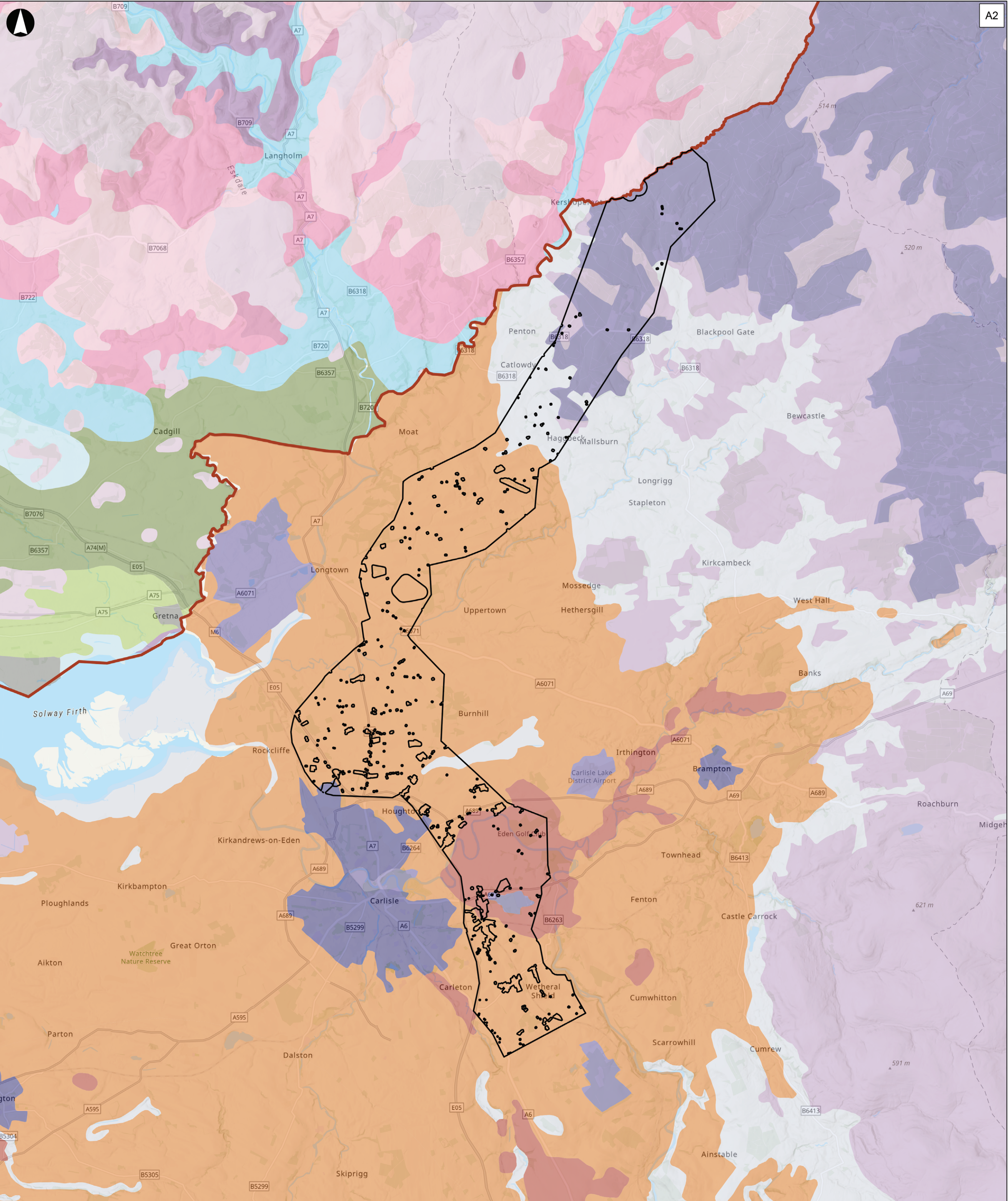


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Rev	Date	By	Chkd	Appd	Authd

The image shows the AECOM and ARUP logos at the top. Below the logos, the contact information for the Birmingham office is listed: "One Centenary Way", "Birmingham B3 3AY", "Tel +44 12 1213 3000", and "www.arup.com". A horizontal line separates this information from the "Client" section. The client name "nationalgrid" is displayed in a large, blue, sans-serif font. Another horizontal line separates the client name from the "Project Name" section. The project name "Cross Border Connection (CMN3)" is written in a bold, black, sans-serif font.

Drawing Title	
Agricultural Land Classification Map	
Option A	
Scale at A2	
1:80,000	
Role	
Energy	
Suitability	
For Consultation	
Project Number	Rev
101074	P01
Drawing Number	
CMN3-AAJ-XXXX-XXXXXX-DRW-ES-000015	

1.B Agricultural Land Classification Map - Option B



Legend

	Emerging Preferred Corridor – Option B		Class 3.1
	England - Scotland Border		Class 3.2
Provisional Agricultural Land Classification			Class 4.1
	Grade 2		Class 4.2
	Grade 3		Class 5.1
	Grade 4		Class 5.2
	Grade 5		Class 5.3
	Non Agricultural		Class 6.1
	Urban		Class 6.2
	Exclusion		Class 6.3
Land Capability for Agriculture (Scotland)			Class 7
	Class 1		Urban
	Class 2		

Coordinate System: British National Grid

Credits:
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Metres

0 2,000 4,000 8,000

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Client

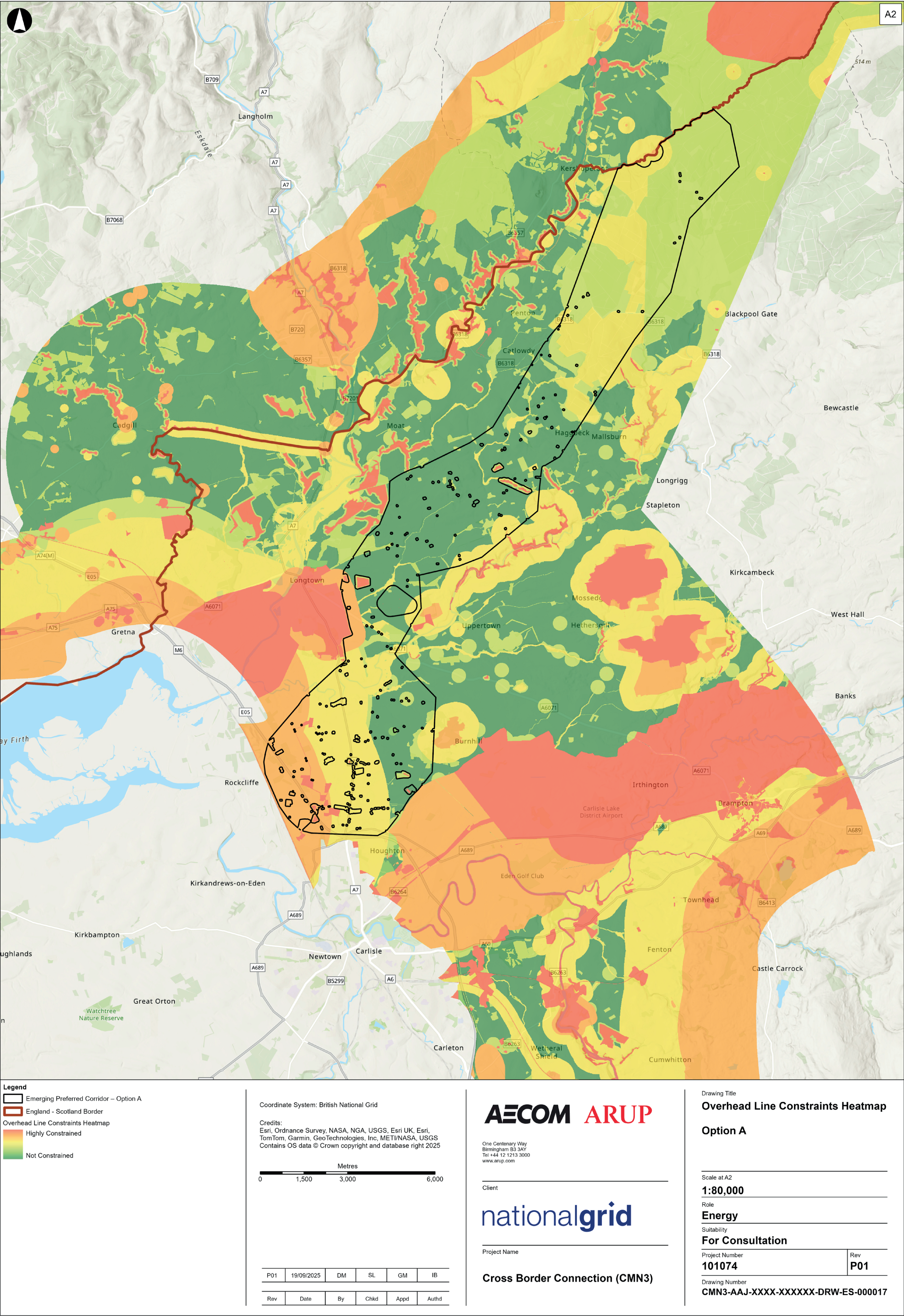
nationalgrid

Project Name

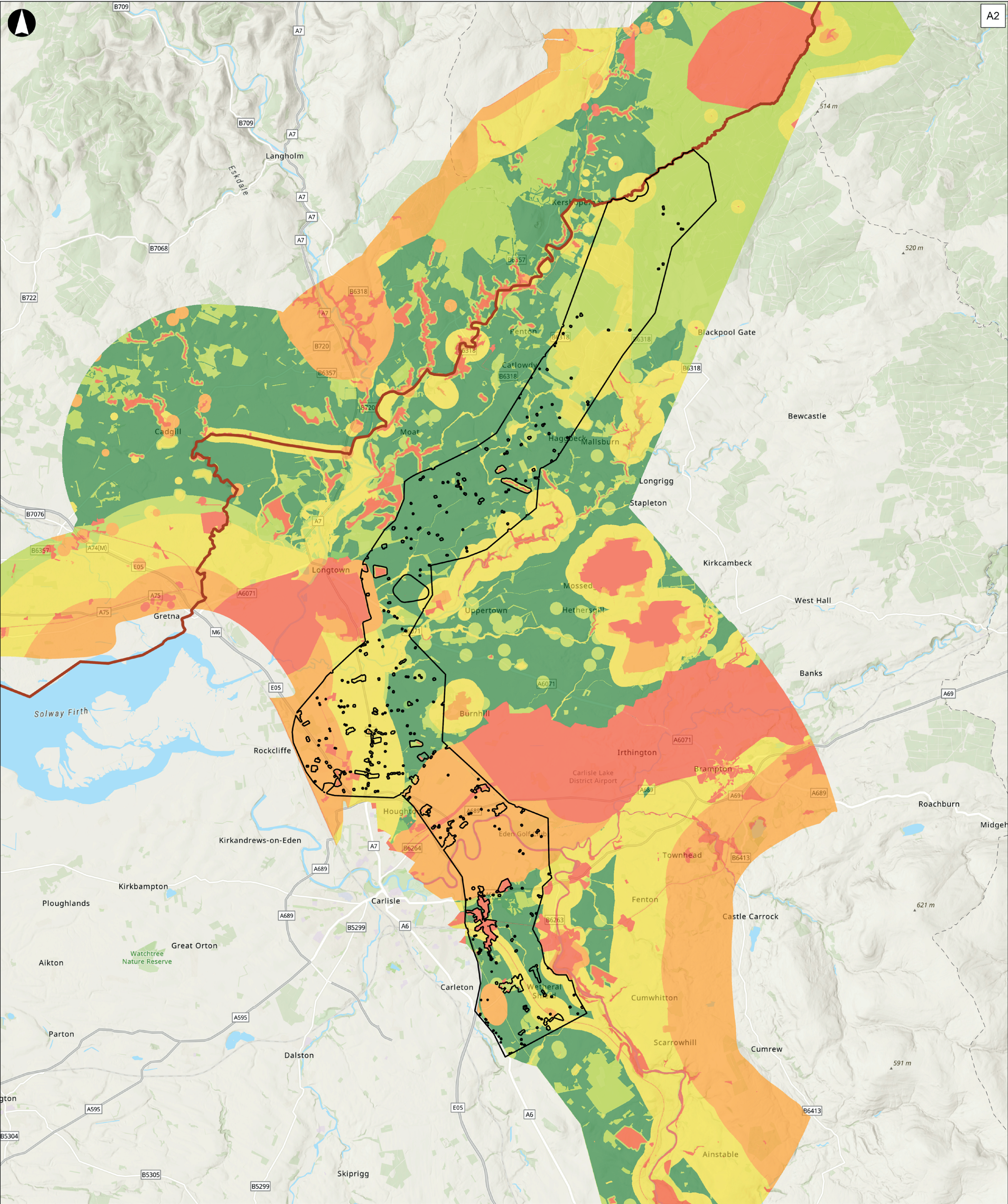
Cross Border Connection (CMN3)

Drawing Title	
Agricultural Land Classification Map	
Option B	
Scale at A2	
1:100,000	
Role	
Energy	
Suitability	
For Consultation	
Project Number	Rev
101074	P01
Drawing Number	
CMN3-AAJ-XXXX-XXXXXX-DRW-ES-000016	

2.A Overhead Line Constraints Heatmap - Option A



2.B Overhead Lines Constraints Heatmap - Option B



Legend

- Emerging Preferred Corridor – Option B
- England - Scotland Border
- Overhead Line Constraints Heatmap
- Highly Constrained
- Not Constrained

Coordinate System: British National Grid

Credits:
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Metres

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Project Name

Cross Border Connection (CMN3)

Drawing Title

Overhead Line Constraints Heatmap

Option B

Scale at A2

1:100,000

Role

Energy

Suitability

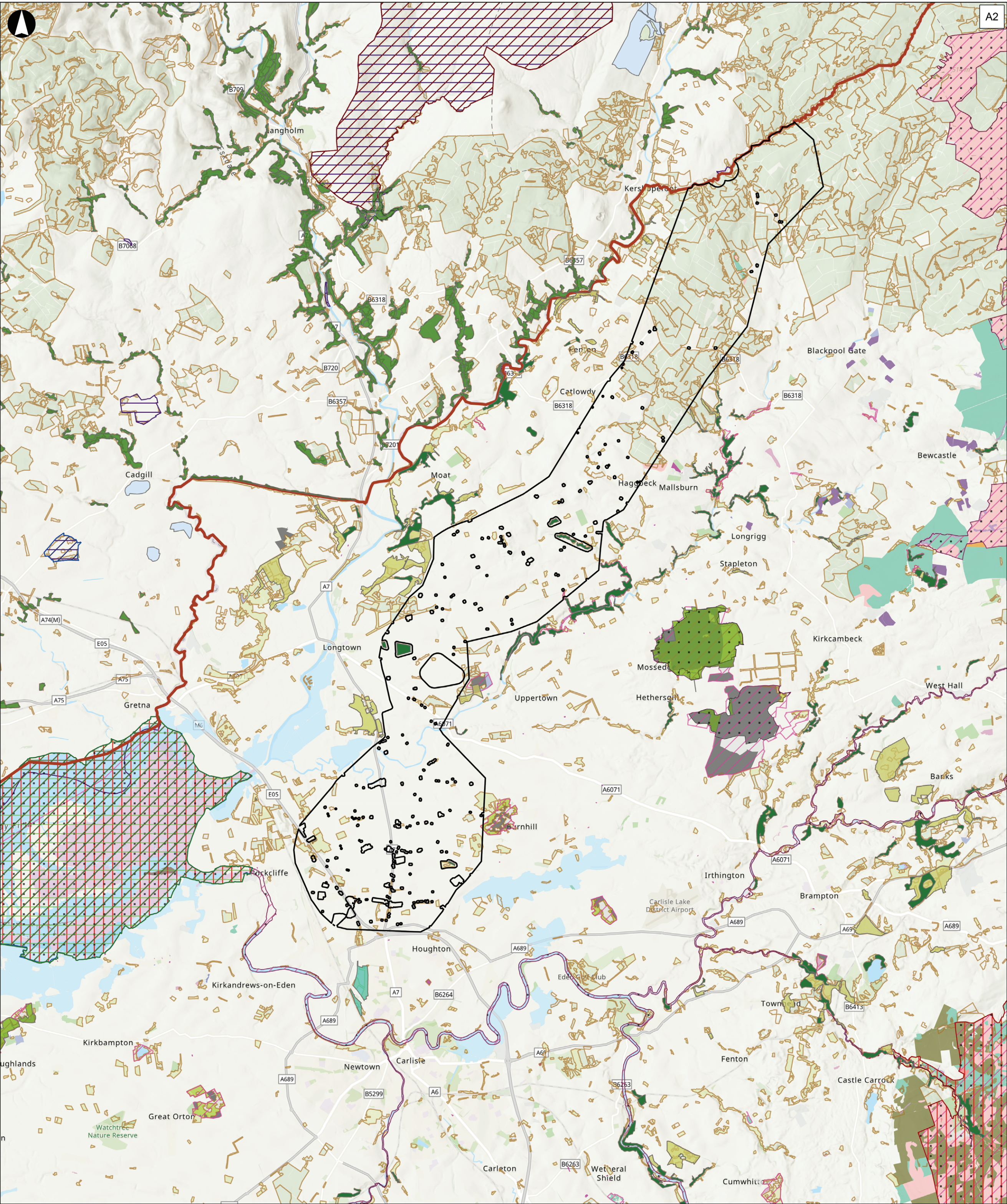
For Consultation

Project Number	Rev
101074	P01

Drawing Number

CMN3-AAJ-XXXX-XXXXXX-DRW-ES-000018

3.A Ecological Constraints Map With National Forest Inventory - Option A



Legend

Emerging Preferred Corridor – Option A

England - Scotland Border

Special Protection Areas (England)

Special Protection Areas (Scotland)

Special Areas of Conservation (England)

Special Areas of Conservation (Scotland)

Special Areas of Conservation (Scotland)

Ramsar (England)

Ramsar (Scotland)

Ancient Woodland Inventory (Scotland)

Ancient Woodland (England)

Ancient & Semi-Natural Woodland

Ancient Replanted Woodland

Sites of Special Scientific Interest (England)

Sites of Special Scientific Interest (Scotland)

National Nature Reserves (England)

Local Nature Reserves (England)

Local Nature Conservation Sites (Scotland)

National Forest Inventory

Priority Habitats Inventory (England)

Blanket bog

Deciduous woodland

Calaminarian grassland

Coastal and floodplain grazing marsh

Coastal and floodplain grazing marsh, Coastal saltmarsh

Coastal saltmarsh

Coastal sand dunes

Coastal vegetated shingle

Deciduous woodland

Deciduous woodland, Limestone pavement

Deciduous woodland, Lowland raised bog

Fragmented heath

Good quality semi improved grassland

Grass moorland

Lakes

Lakes, Lowland fens

Limestone pavement

Lowland calcareous grassland

Lowland dry acid grassland

Lowland fens

Lowland heathland

Lowland meadows

Lowland raised bog

Mountain heaths and willow scrub

Mudflats

No main habitat but additional habitats present

Ponds

Purple moor grass and rush pastures

Reedbeds

Reedbeds, Coastal saltmarsh

Saline lagoons

Traditional orchard

Upland calcareous grassland

Upland flushes fens and swamps

Upland hay meadow

Upland heathland

Coordinate System: British National Grid

Credits:
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0 1,500 3,000 6,000 Metres

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Project Name

Cross Border Connection (CMN3)

Drawing Title

Ecological Constraints Map

Option A

Scale at A2

1:80,000

Role

Energy

Suitability

For Consultation

Project Number

101074

Rev

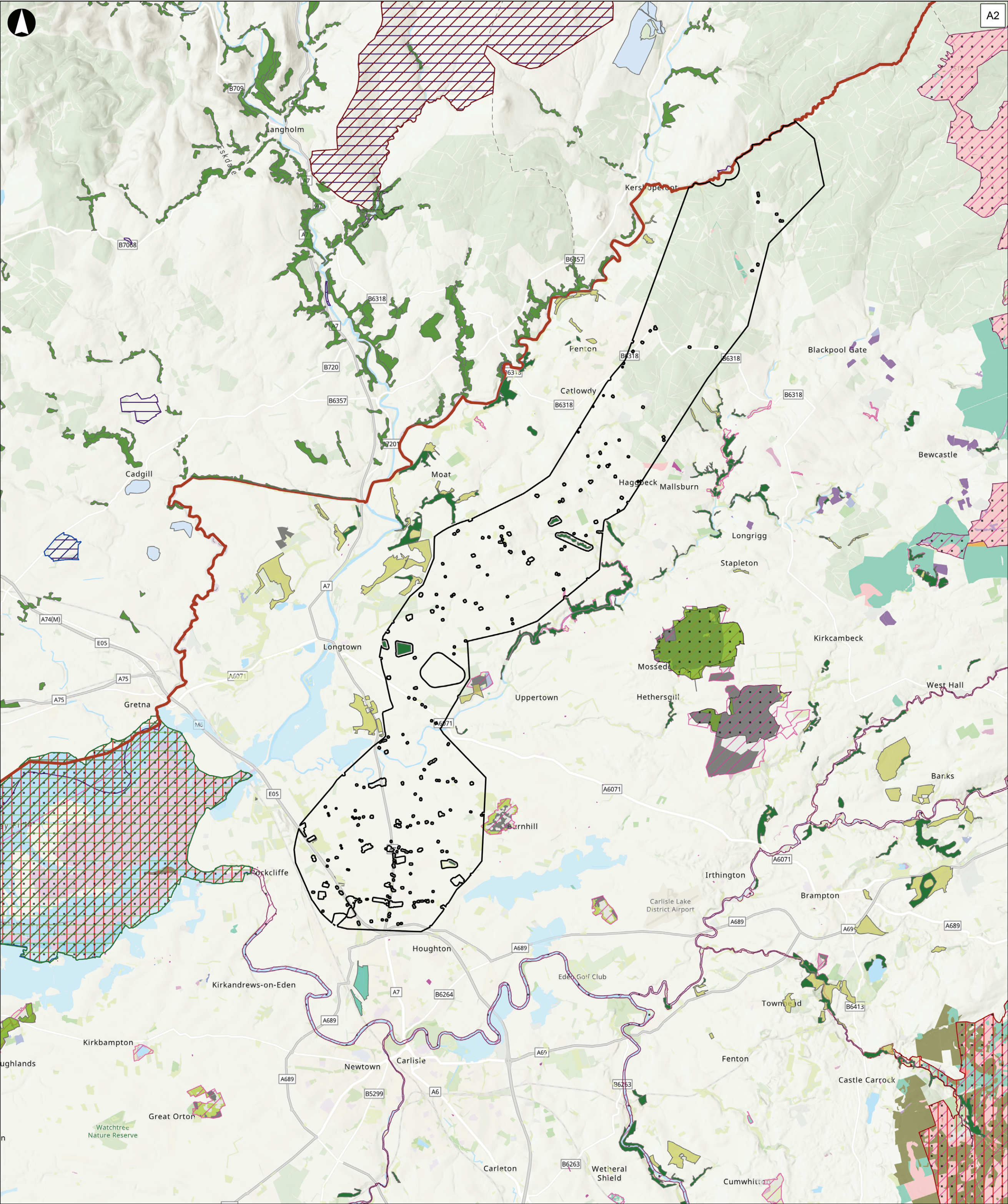
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Drawing Number

CMN3-AAJ-XXXX-XXXXXX-DRW-ES-000019

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3.A Ecological Constraints Map - Option A



Legend

Emerging Preferred Corridor – Option A

England - Scotland Border

Special Protection Areas (England)

Special Protection Areas (Scotland)

Special Areas of Conservation (England)

Special Areas of Conservation (Scotland)

Ramsar (England)

Ramsar (Scotland)

Ancient Woodland Inventory (Scotland)

Ancient Woodland (England)

Ancient & Semi-Natural Woodland

Ancient Replanted Woodland

Sites of Special Scientific Interest (England)

Sites of Special Scientific Interest (Scotland)

National Nature Reserves (England)

Local Nature Reserves (England)

Local Nature Conservation Sites (Scotland)

Priority Habitats Inventory (England)

Blanket bog

Blanket bog,Deciduous woodland

Calaminarian grassland

Coastal and floodplain grazing marsh

Coastal and floodplain grazing marsh,Coastal saltmarsh

Coastal saltmarsh

Coastal sand dunes

Coastal vegetated shingle

Deciduous woodland

Deciduous woodland,Limestone pavement

Deciduous woodland,Lowland raised bog

Fragmented heath

Good quality semi improved grassland

Grass moorland

Lakes

Lakes,Lowland fens

Limestone pavement

Lowland calcareous grassland

Lowland dry acid grassland

Lowland fens

Lowland heathland

Lowland meadows

Lowland raised bog

Mountain heaths and willow scrub

Mudflats

No main habitat but additional habitats present

Ponds

Purple moor grass and rush pastures

Reedbeds

Reedbeds,Coastal saltmarsh

Saline lagoons

Traditional orchard

Upland calcareous grassland

Upland flushes ferns and swamps

Upland hay meadow

Upland heathland

Coordinate System: British National Grid

Credits:
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0 1,500 3,000 6,000

Metres

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Project Name

Cross Border Connection (CMN3)

Drawing Title

Ecological Constraints Map

Option A

Scale at A2

1:80,000

Role

Energy

Suitability

For Consultation

Project Number

101074

Rev

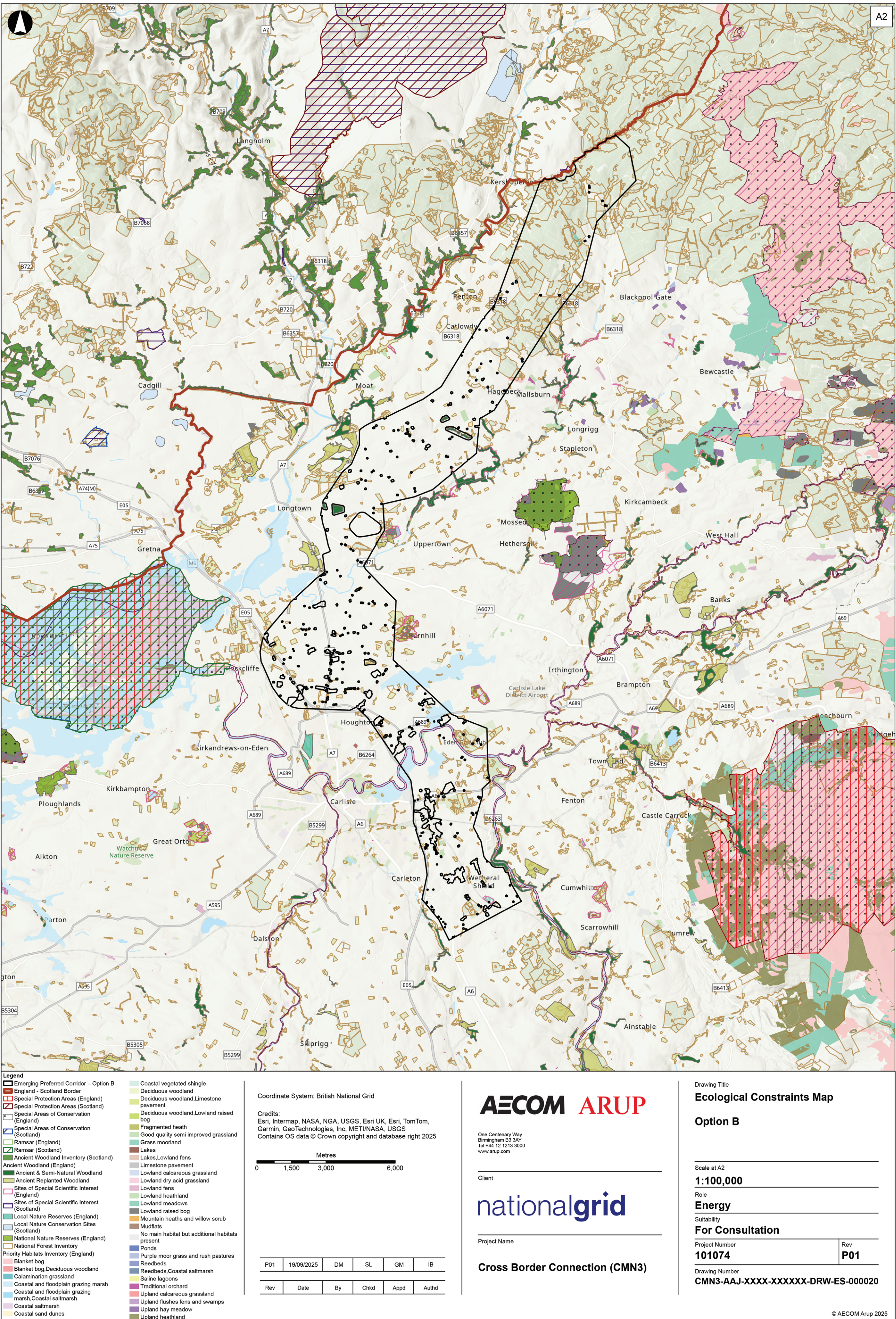
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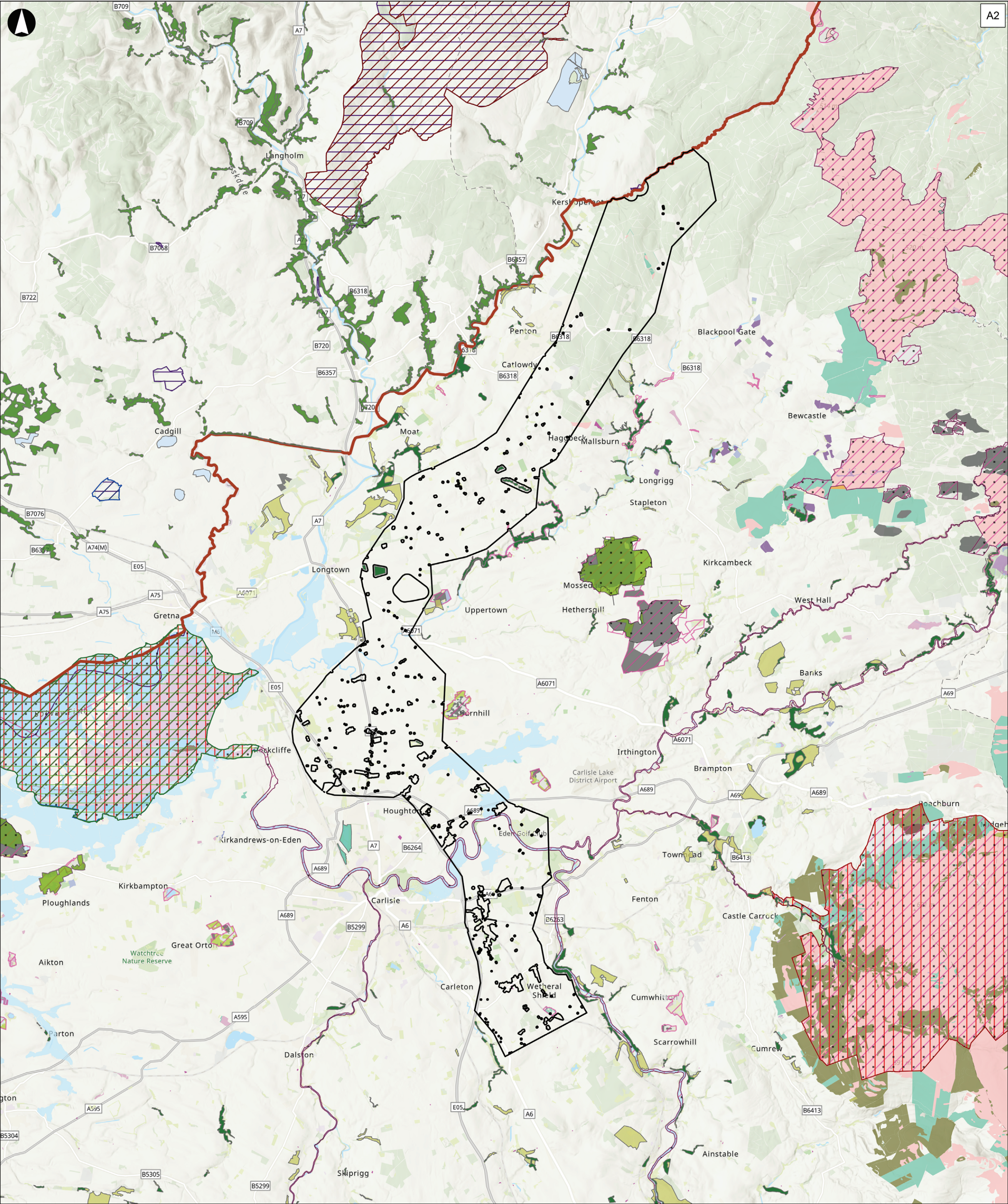
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3.B Ecological Constraints Map With National Forest Inventory - Option B



3.B Ecological Constraints Map - Option B



Legend

- Emerging Preferred Corridor – Option B
- England - Scotland Border
- Special Protection Areas (England)
- Special Protection Areas (Scotland)
- Special Areas of Conservation (England)
- Special Areas of Conservation (Scotland)
- Ramsar (England)
- Ramsar (Scotland)
- Ancient Woodland Inventory (Scotland)
- Ancient Woodland (England)
- Ancient & Semi-Natural Woodland
- Ancient Replanted Woodland
- Sites of Special Scientific Interest (England)
- Sites of Special Scientific Interest (Scotland)
- Local Nature Reserves (England)
- Local Nature Conservation Sites (Scotland)
- National Nature Reserves (England)
- Priority Habitats Inventory (England)
- Blanket bog
- Blanket bog, Deciduous woodland
- Calaminarian grassland
- Coastal and floodplain grazing marsh
- Coastal and floodplain grazing marsh, Coastal saltmarsh
- Coastal saltmarsh
- Coastal sand dunes
- Coastal vegetated shingle
- Deciduous woodland
- Deciduous woodland, Limestone pavement
- Deciduous woodland, Lowland raised bog
- Fragmented heath
- Good quality semi improved grassland
- Grass moorland
- Lakes
- Lakes, Lowland fens
- Limestone pavement
- Lowland calcareous grassland
- Lowland dry acid grassland
- Lowland fens
- Lowland heathland
- Lowland meadows
- Lowland raised bog
- Mountain heaths and willow scrub
- Mudflats
- No main habitat but additional habitats present
- Ponds
- Purple moor grass and rush pastures
- Reedbeds
- Reedbeds, Coastal saltmarsh
- Saline lagoons
- Traditional orchard
- Upland calcareous grassland
- Upland flushes fens and swamps
- Upland hay meadow
- Upland heathland

Coordinate System: British National Grid

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Client

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Project Name

Cross Border Connection (CMN3)

Drawing Title

Ecological Constraints Map

Option B

Scale at A2

1:100,000

Role

Energy

Suitability

For Consultation

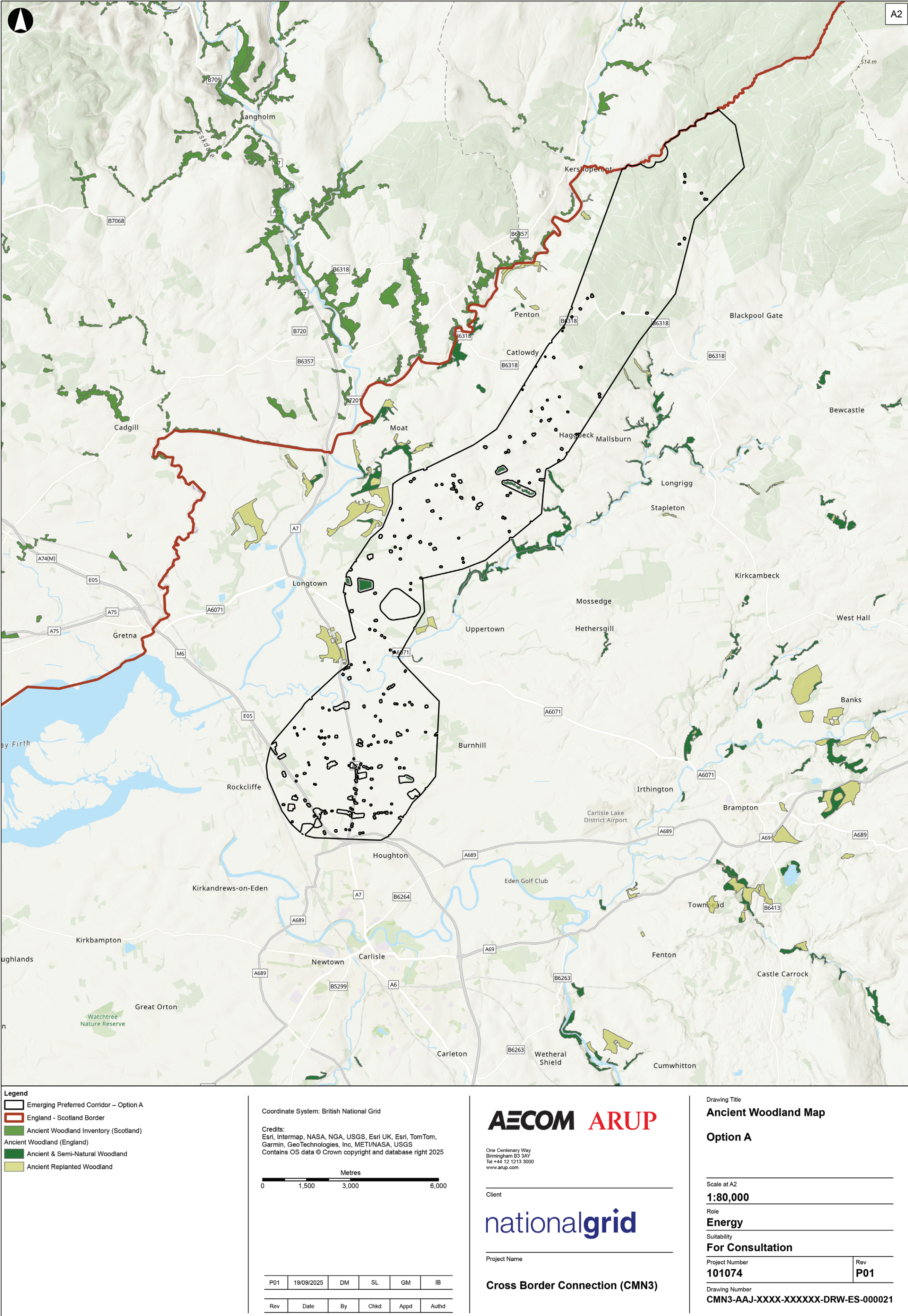
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101074	P01

Drawing Number

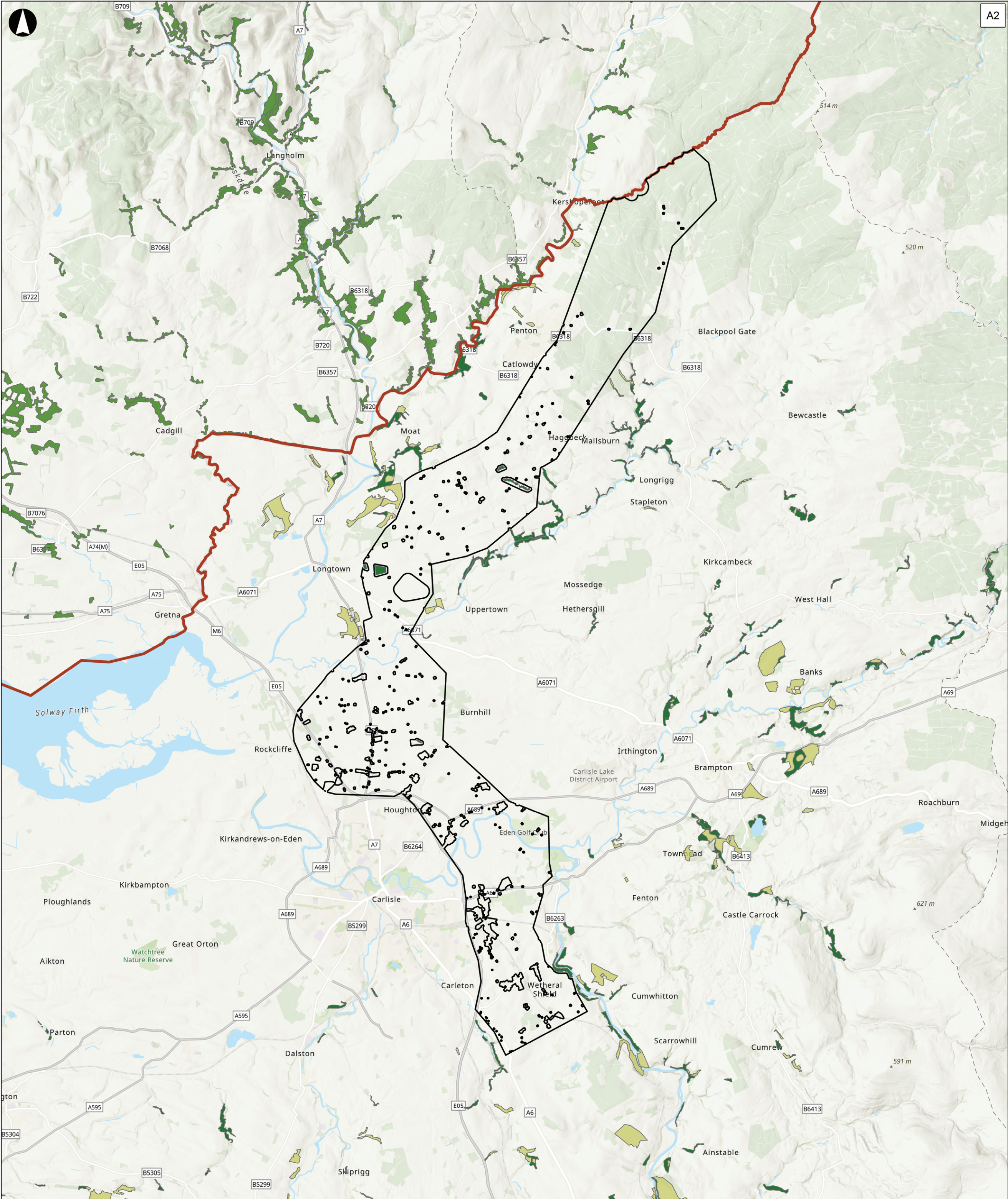
CMN3-AAJ-XXXX-XXXXXX-DRW-ES-000020

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4.A Ancient Woodland Map - Option A



4.B Ancient Woodland Map - Option A



Emerging Preferred Corridor – Option B

England - Scotland Border

Ancient Woodland Inventory (Scotland)

Ancient Woodland (England)

Ancient & Semi-Natural Woodland

Ancient Replanted Woodland

Coordinate System: British National Grid

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Metres

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2,000

4,000

8,000

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Drawing Title

Ancient Woodland Map

Option B

Scale at A2

1:100,000

Role

Energy

Suitability

For Consultation

Project Number

101074

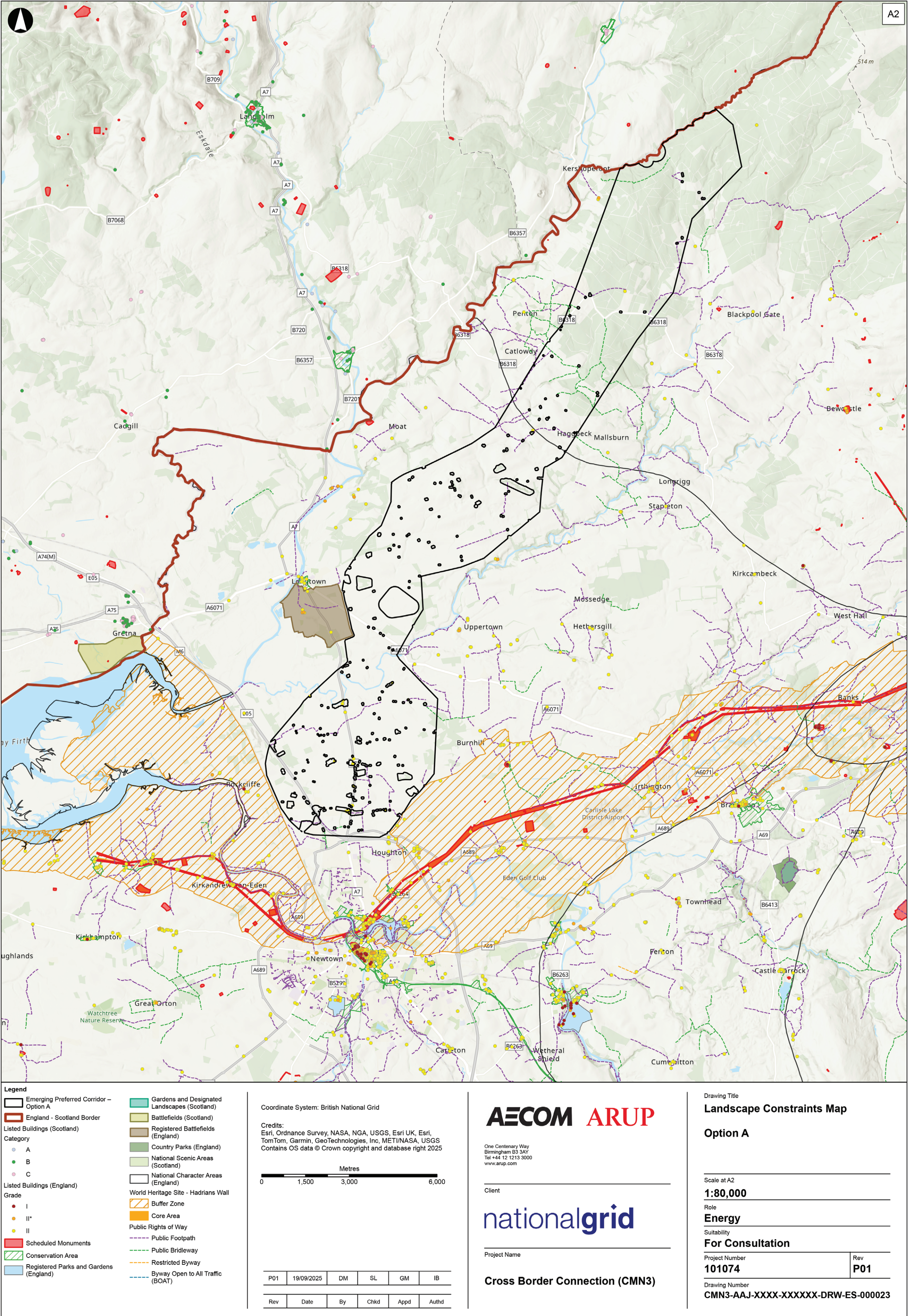
Rev

P01

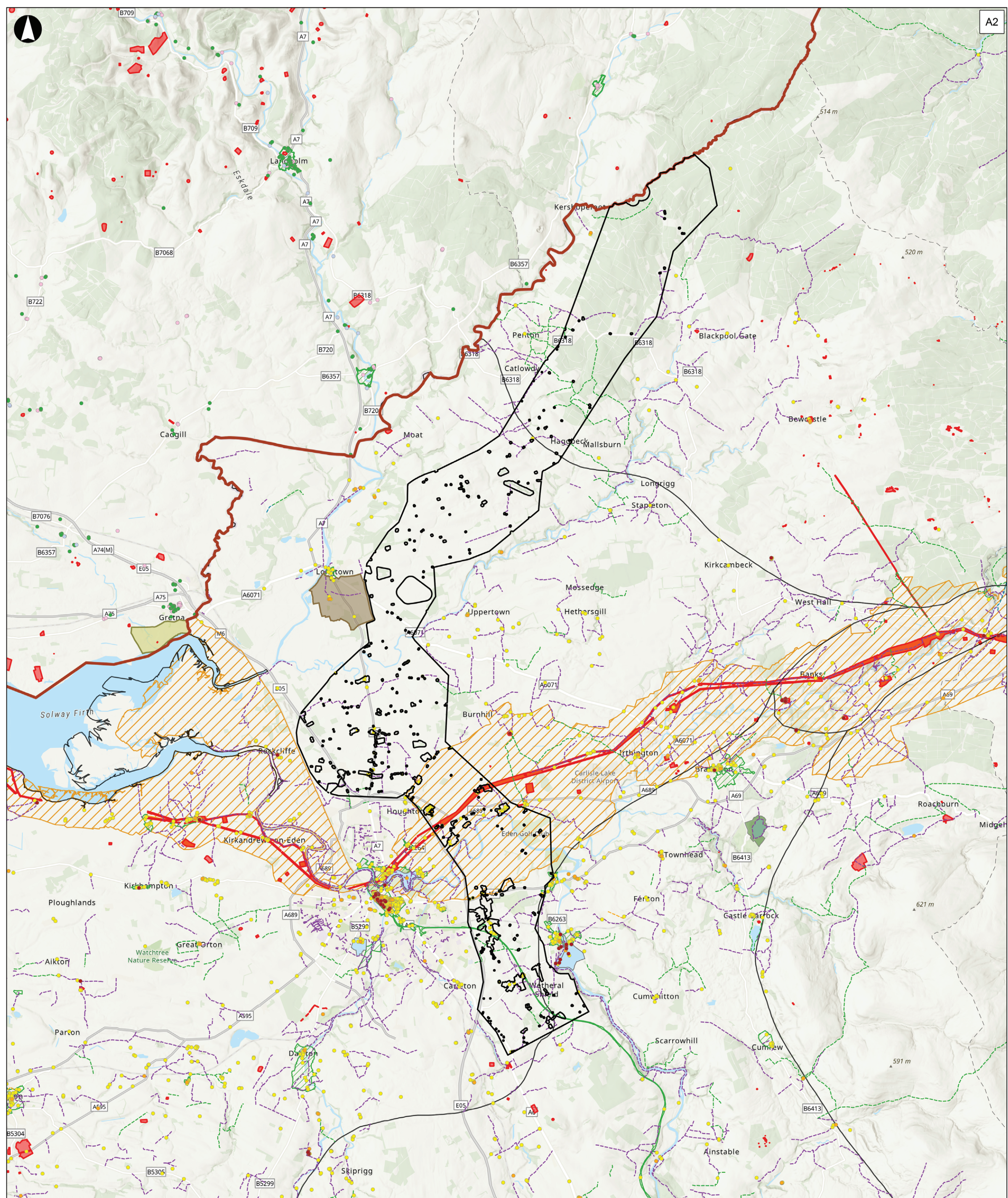
Drawing Number

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5.A Landscape and Cultural Heritage Constraints Map – Option A



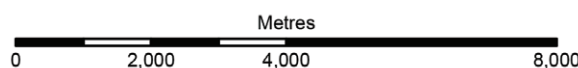
5.B Landscape and Cultural Heritage Constraints Map – Option B



Legend	
	Emerging Preferred Corridor – Option B
	England - Scotland Border
Listed Buildings (Scotland)	
Category	
	A
	B
	C
Listed Buildings (England)	
Grade	
	I
	II*
	II
	Scheduled Monuments
	Conservation Area
	Registered Parks and Gardens (England)
	Gardens and Designated Landscapes (Scotland)
	Registered Battlefields (England)
	Battlefields (Scotland)
	Country Parks (England)
	National Character Areas (England)
	National Scenic Areas (Scotland)
	World Heritage Site - Hadrian's Wall
	Buffer Zone
	Core Area
Public Rights of Way	
	Public Footpath
	Public Bridleway
	Restricted Byway
	Byway Open to All Traffic (BOAT)

Coordinate System: British National Grid

Credits:
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Rev	Date	By	Chkd	Appd	Authd

Drawing Title

Landscape Constraints Map

Option B

Scale at A2

1:100,000

Role
Energy

Suitability

For Consultation

Project Number

101074

101074	101
Drawing Number	
CMN3-AAJ-XXXX-XXXXXX-DRW-ES-000024	

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