35 36

09 09

08 08

Scottish & Southern Electricity Networks
TRANSMISSION

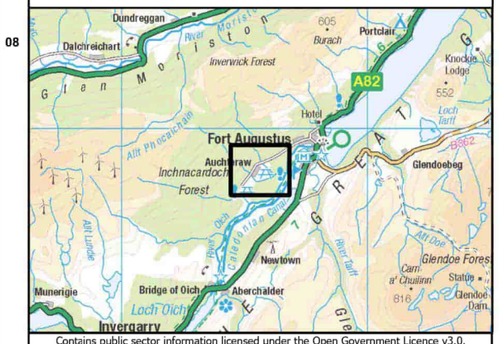
Scale @ A3: 1:7,500

0 50 100 200 300 400 500 m

N

Legend

- Operational Site Boundary
- Substation Platform Extension Area



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Project No: LT000519

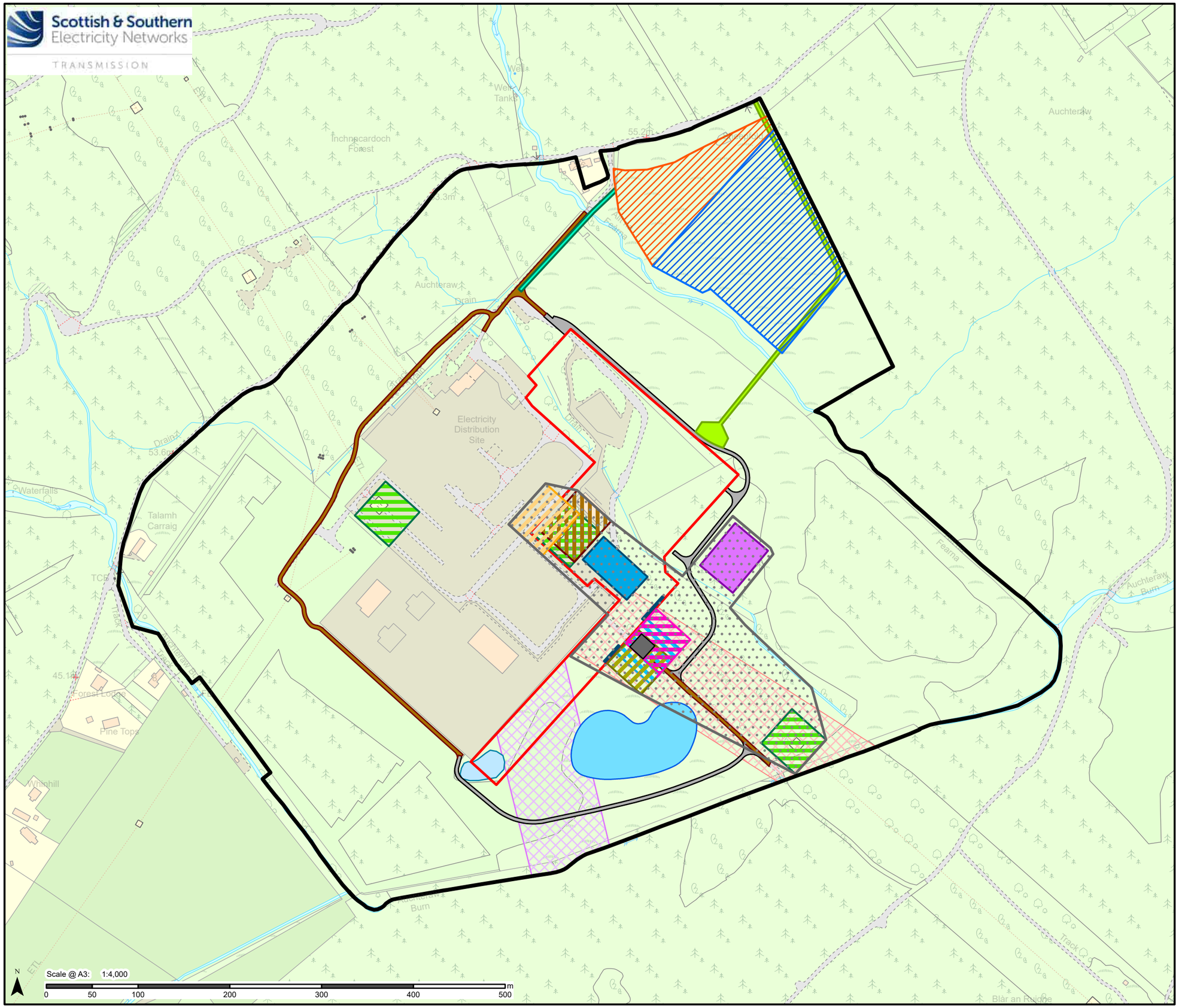
Project: Fort Augustus Substation 400kV Upgrade

Title:
Fort Augustus Site Location Plan

Drawn by: JBARR Date: 11/03/2024

Drawing: Figure 2.1

Scottish & Southern Electricity Networks
TRANSMISSION



08

08

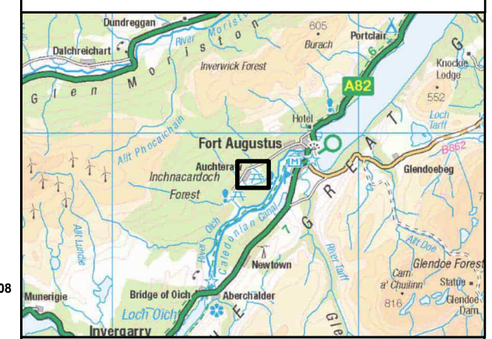
36

Legend

- Operational Site Boundary

Proposed Site Layout

- Substation Platform Extension Area
- Permanent Tower Base
- Existing Road to be Upgraded
- Proposed Access Road
- SuDS Pond
- SUDs Pond to be Removed
- Cross Arm Assembly and Laydown (outage 2)
- Downlead Removal Working Area
- Extent of Working Area
- Fence Equipment Protection
- KE CDM Heavy Vehicle
- KE CDM Laydown Area
- KE CDM Pedestrain Access
- KE CDM Site Compound
- Site Compound
- Tower Assembly and Crane Laydown Area
- Tower Foundation Construction Area
- Tower Removal working Area
- Tower Working Area
- S37 Exemption - Wayleave
- Coire Glas - Wayleave



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Design Layout

Drawn by: JBARR Date: 06/05/2024

Drawing: Figure 2.2

Scottish & Southern Electricity Networks
TRANSMISSION

INVERWICK FOREST
INCHNACARDOCH FOREST
GLEN MORISTON
GLEN URQUHART

Carn nan Dubh Lochan
Carn Dubh 592
Carn Tarsuinn 536
Loch Tarsuinn
Loch a' Bhealaich
Inverwick
Torgyle Br
Old Military Road
Druim a' Chathair
Leachd na Ruadhaig
Meall na Ruadhaig
Leachd Mhor
Creag an Iarlain 272
Jenkins Park
Auchteraw
Loch nam Faoileag
Carn Mhic Raonuill 566
Coire a' Mhadaidh
Gearran
Lon Mor
Dail a' Chuirn
Achnahannet
Invervigar
Coiltie Reidh nan Eilt
Culloch
Culloch Lock
Meall Mor
Bridge of Oich
Aberchalder
Loch Lanagan
Kytra Lock
Knoll Buck
Creag Dhubh
Meall a' Choluimain 315
Carn Doire Chaorach 530
Carn a' Chuilinn 816
Murligan Hill 385
Memi
Glendoebeg
Borlum
Borlum Hill
Tamamhoid (ruin)
Burial Ground
Torr a' Choiltreich 117
Creag Ard Achaidh 435
Carn na Dobhaidhe 472
Loch Doire
Lochan Dearg
Fort Augustus
Invergarry

River Moriston
Allt na h-Innse Beag
Allt na h-Innse Mor
Allt Tarsuinn
Allt a' Mhadaidh
Allt Phocaichain
Allt na Fearna
Allt Achadh nan Darach Beag
Allt Dail a' Chuirn
Invervigar Burn
Allt na Cille
Allt na Graidhe
Allt Leitir nan Lub
River Oich
Caledonian Canal
Auchteraw Burn
Balantoul Burn
Allt a' Bhrochain
Allt na Criche
Allt Carn an Doire Mhoir
Allt Eas Mac Eoichd
Allt an Dubhair
Allt Doe
Allt Aban Burn
Spuinn Dubh
Allt an Reidhean Geasaich
River Tarff
Connachie Burn
Allt Lochan a' Choire Uir
Black Burn
Allt Keelie Sike
Allt a' Charnaich
Calder Burn
Portclair Burn
Allt a' Mhuilinn
Glen Loggie
Ness Woods SAC

Scale @ A3: 1:40,000
0 0.25 0.5 1 1.5 2 2.5 km

Legend

- Operational Site Boundary
- Substation Platform Extension Area
- 5km Study Area
- Highland Council Core Paths

Designated Sites

- Special Area of Conservation (SAC)
- Ancient Woodland

Cultural Heritage

- Scheduled Monument
- Conservation Area
- Canmore Record
- Canmore Maritime Record

Listed Building - Classification

- A
- B
- C

Water and Drainage

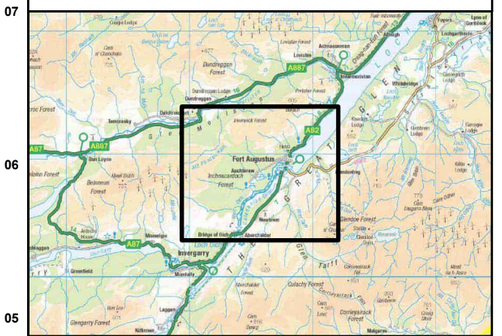
- Surface Watercourse
- Surface Waterbody

River - WFD Classification

- High status / potential
- Good status / potential
- Moderate status / potential

Loch - WFD Classification

- Good status / potential



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Environmental Constraints

Drawn by: JBARR Date: 06/05/2024

Drawing: Figure 3.1

Scottish & Southern Electricity Networks

TRANSMISSION

35 36

09 09

08 08

C 22/04580/S37

A 23/00259/S37

B 23/02874/S37

D 20/04565/FUL

Scale @ A3: 1:7,500

0 50 100 200 300 400 500 m

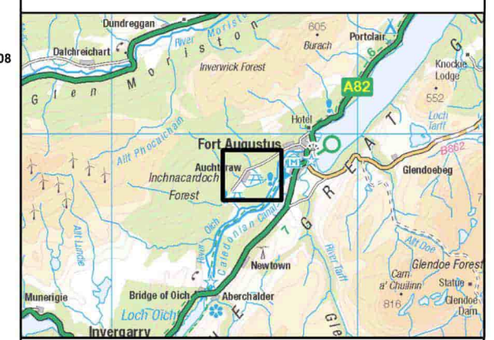
N

Legend

- Operational Site Boundary
- Substation Platform Extension Area

Developments for Consideration in Cumulative Assessment

- A Bhlaraidh Extension Windfarm - 23/00259/S37
- B Coire Glas - 23/02874/S37
- C Skye Reinfrocement Project - 22/04580/S37
- D Erection of Battery Storage System - 20/04565/FUL



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Cumulative Developments

Drawn by: JBARR Date: 07/05/2024

Drawing: Figure 3.2

Scottish & Southern Electricity Networks
TRANSMISSION

Legend

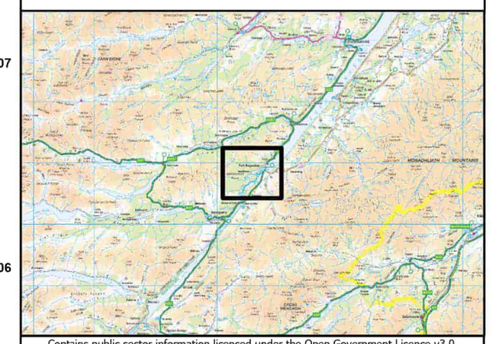
- Substation Platform Extension Area
- Operational Site Boundary
- 3km Study Area

ZTV Analysis

- Visible

***Limitations**

- Height of substation is modelled at 14.5m
- ZTV prepared using OS Terrain® 5 and an assumed viewing height of 1.6m above ground level



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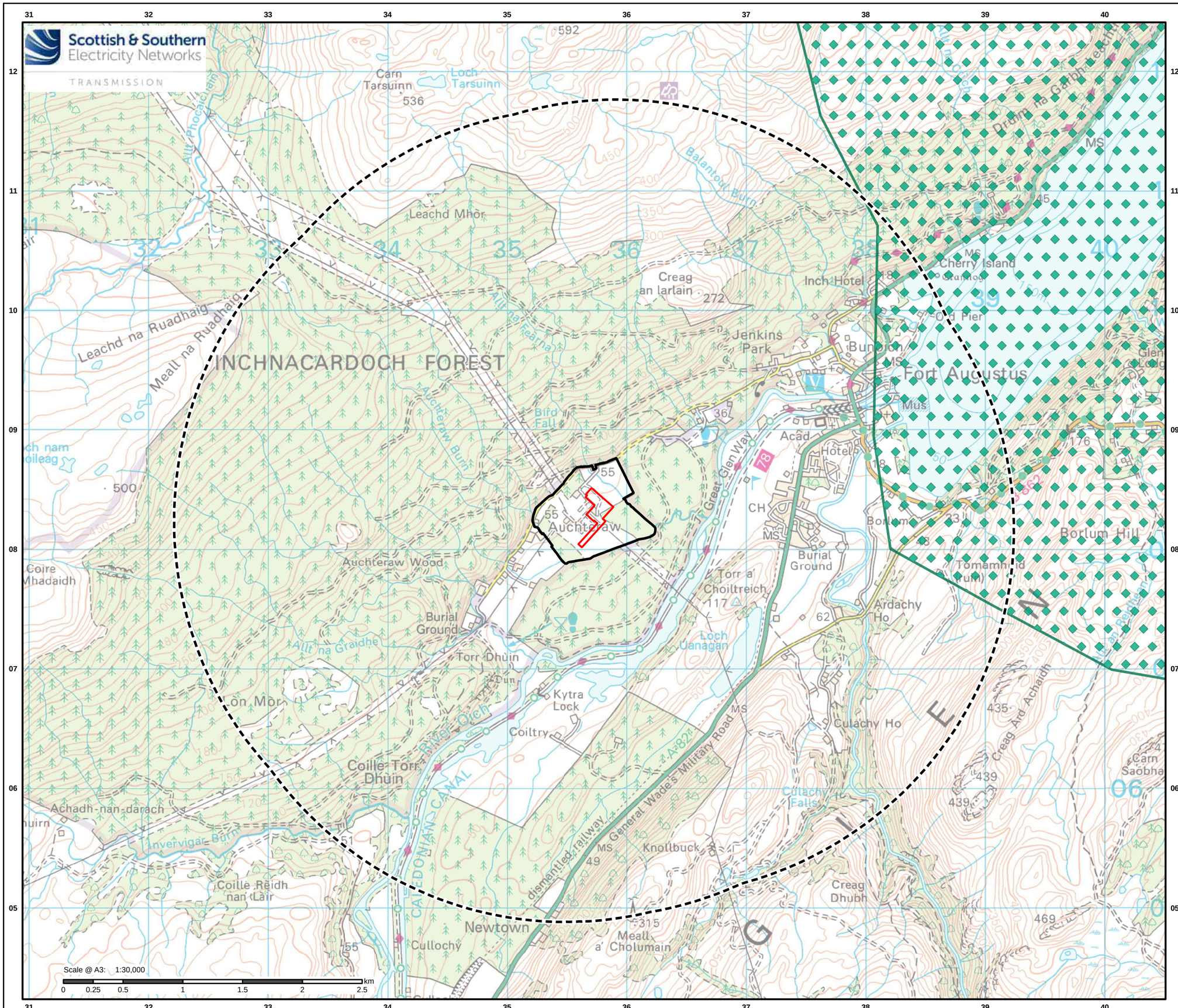
Title:
Zone of Theoretical Visibility

Drawn by: JBARR Date: 25/04/2024

Drawing: Figure 4.1

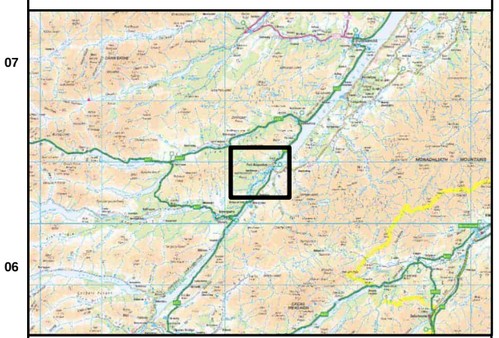
Scale @ A3: 1:30,000

0 0.25 0.5 1 1.5 2 2.5 km



Legend

- Substation Platform Extension Area
- Operational Site Boundary
- 3km Study Area
- Loch Ness and Duntelchaig Special Landscape Area



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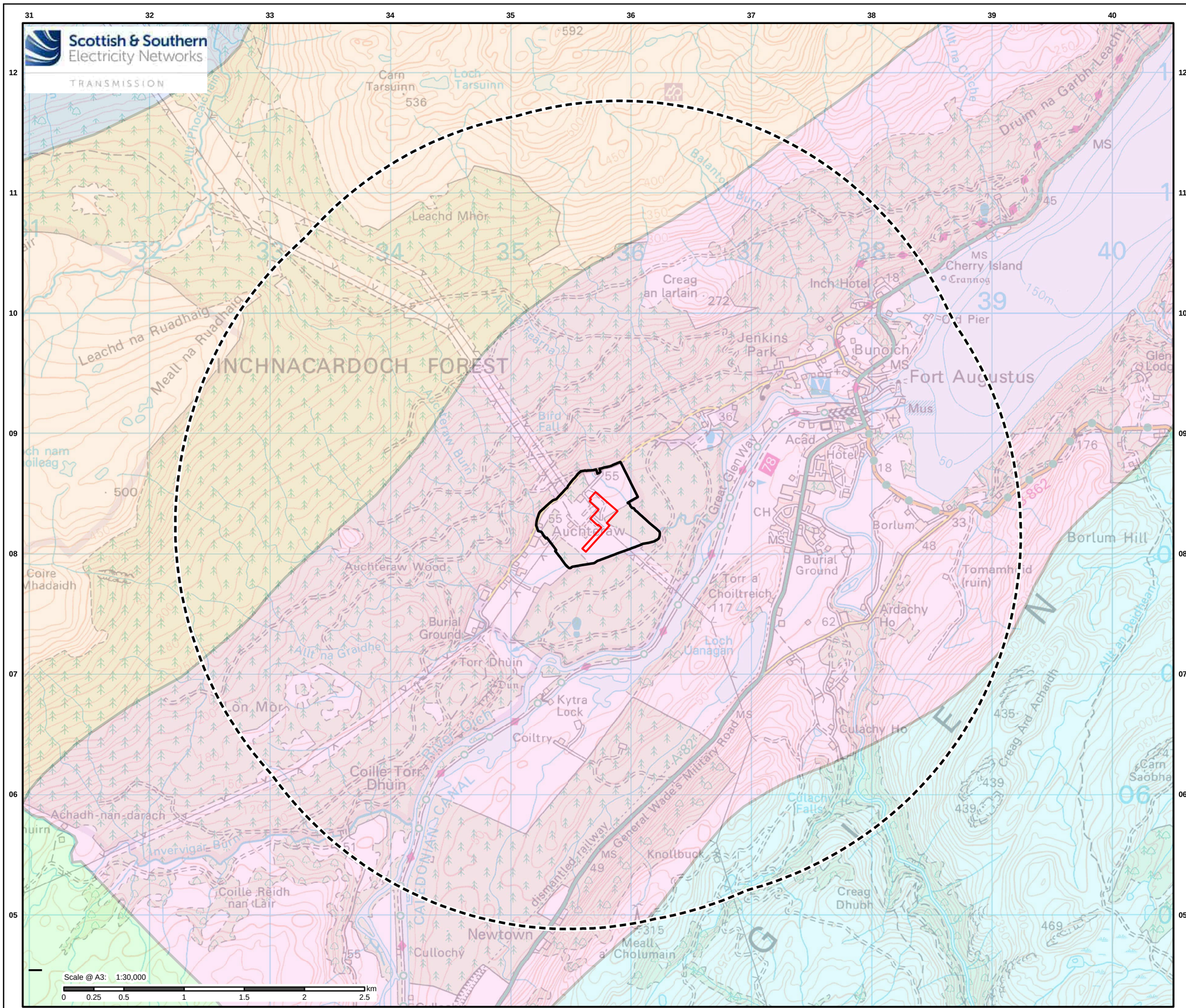
Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Landscape Designations

Drawn by: JBARR Date: 11/03/2024

Drawing: Figure 4.2

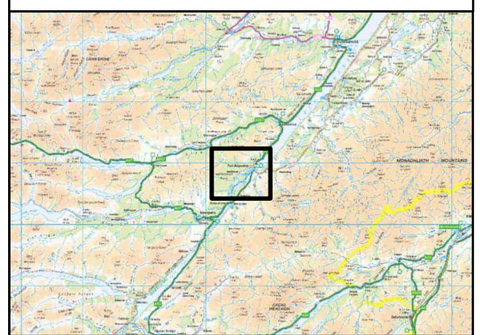


Legend

- Substation Platform Extension Area
- Operational Site Boundary
- 3km Study Area

Landscape Character Assessment

- LCT 220 - Rugged Massif - Inverness
- LCT 221 - Rolling Uplands - Inverness
- LCT 225 - Broad Steep-Sided Glen
- LCT 226 - Wooded Glen - Inverness
- LCT 237 - Rocky Moorland - Lochaber



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Landscape Character Types

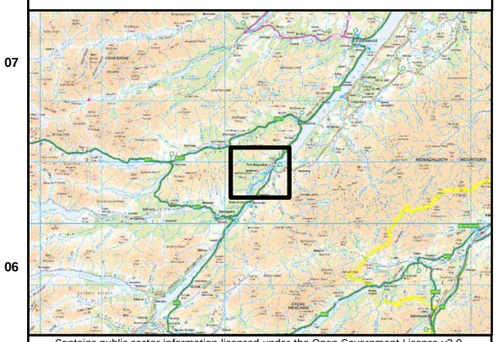
Drawn by: JBARR Date: 11/03/2024

Drawing: Figure 4.3

Scottish & Southern Electricity Networks
TRANSMISSION

Legend

- Operational Site Boundary
- Substation Platform Extension Area
- 3km Study Area
- Highland Council Core Paths
- Representative Viewpoint



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Representative Viewpoints

Drawn by: JBARR Date: 11/03/2024

Drawing: Figure 4.4

Scottish & Southern Electricity Networks
TRANSMISSION

River Moriston SAC

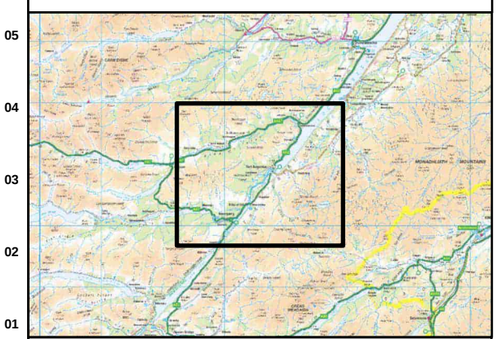
Ness Woods SAC

Glen Tarff SSSI

Scale @ A3: 1:85,000
0 0.5 1 2 3 4 5 km

Legend

- Operational Site Boundary
- 2 km buffer
- 10 km buffer
- Special Area of Conservation (SAC)
- Site of Special Scientific Interest (SSSI)



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Statutory Sites

Drawn by: RE

Date: 12/03/2024

Drawing: Figure 5.1

Scottish & Southern Electricity Networks
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34 35 36 37

09 08 07

Scale @ A3: 1:12,000

0 125 250 500 750 1,000 1,250 m

Legend

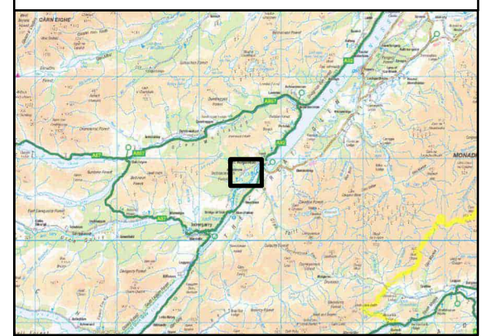
- Operational Site Boundary
- 1 km buffer

Native Woodland Survey of Scotland (NWSS)

- Native woodland
- Nearly-native woodland
- Open land habitat
- Plantation on ancient woodlad site (PAWS)

Ancient Woodland Inventory (AWI)

- Ancient (of semi-natural origin)
- Other woodlands on 'Roy' woodland sites



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Project No: LT000519

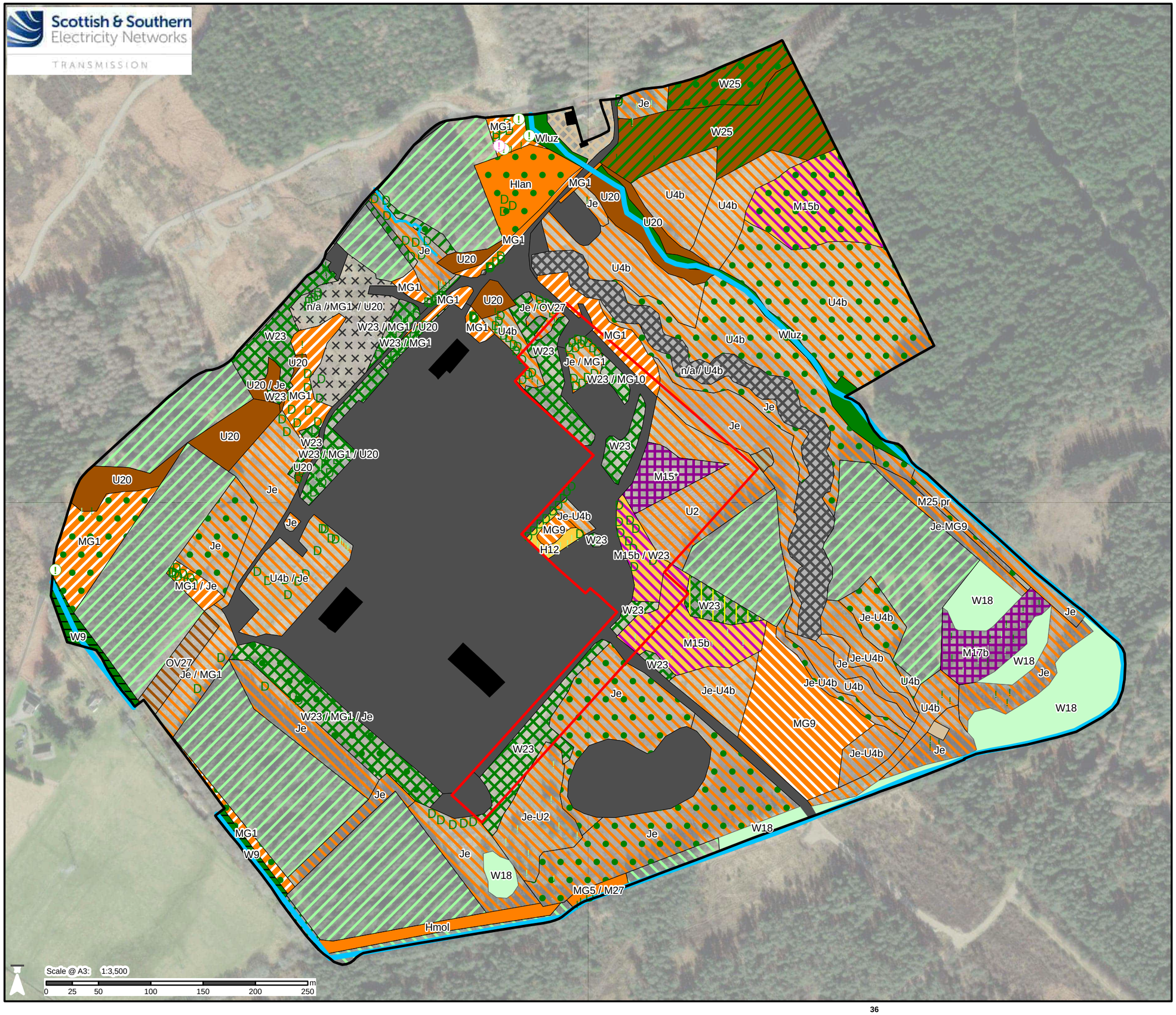
Project: Fort Augustus Substation 400kV Upgrade

Title:
Ancient and Native Woodland

Drawn by: RE Date: 12/03/2024

Drawing: Figure 5.2

Scottish & Southern Electricity Networks
TRANSMISSION



08

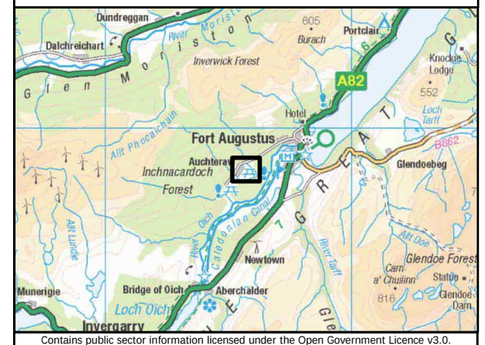
08

Legend

- Operational Site Boundary
- Substation Platform Extension Area

Habitats

- Scattered scrub
- Scattered trees (broadleaved)
- Scattered trees (coniferous)
- Rhododendron
- Flowering quince
- r2a6 Other priority habitat rivers
- r2b Other rivers and streams
- f1a6 Degraded blanket bog (H7130)
- g1b6 Other upland acid grassland
- g1c Bracken
- g1c Bracken (underscrub)
- g3c Other neutral grassland
- g3c 16 Other neutral grassland - Tall forbs
- g3c5 Arrhenatherum neutral grassland
- g3c7 Deschampsia neutral grassland
- h1b5 Dry heaths; upland (H4030)
- h1b6 Wet heathland with cross-leaved heath; upland (H4010)
- h3e Gorse scrub
- h3h Mixed scrub
- u1 Built-up areas and gardens (artificial flood control channel)
- u1b5 Buildings
- u1b6 Other developed land
- u1c Artificial unvegetated, unsealed surface
- u1d Suburban mosaic of developed and natural surface
- u1f Sparsely vegetated urban land
- w1b 30 Upland mixed ashwoods - Semi-natural
- w1f 30 Lowland mixed deciduous woodland - Semi-natural
- w1g 29 Other broadleaved woodland - Plantation
- w2a 30 Native pinewoods - Semi-natural
- w2b 29 Other Scots Pine woodland - Plantation
- w2c 29 Other coniferous woodland - Plantation



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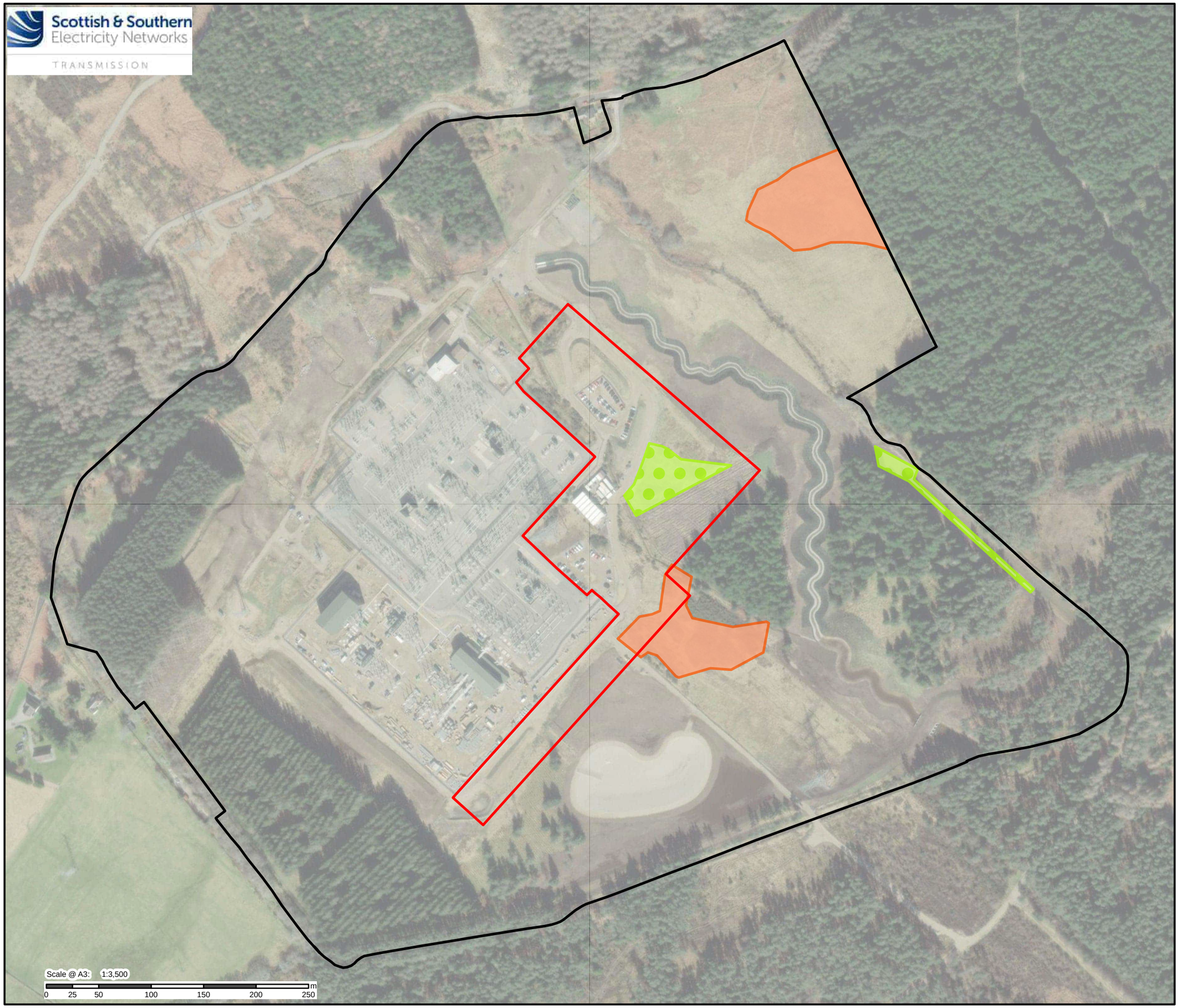
Project: Fort Augustus Substation 400kV Upgrade

Title:
Baseline Habitat Plan

Drawn by: RE

Date: 12/03/2024

Drawing: Figure 5.3



Legend

- Operational Site Boundary
- Substation Platform Extension Area

Ground Water Dependent Terrestrial Ecosystems (GWDTE)

- Potentially moderately groundwater dependent
- Unlikely to be groundwater dependent / low ecological value



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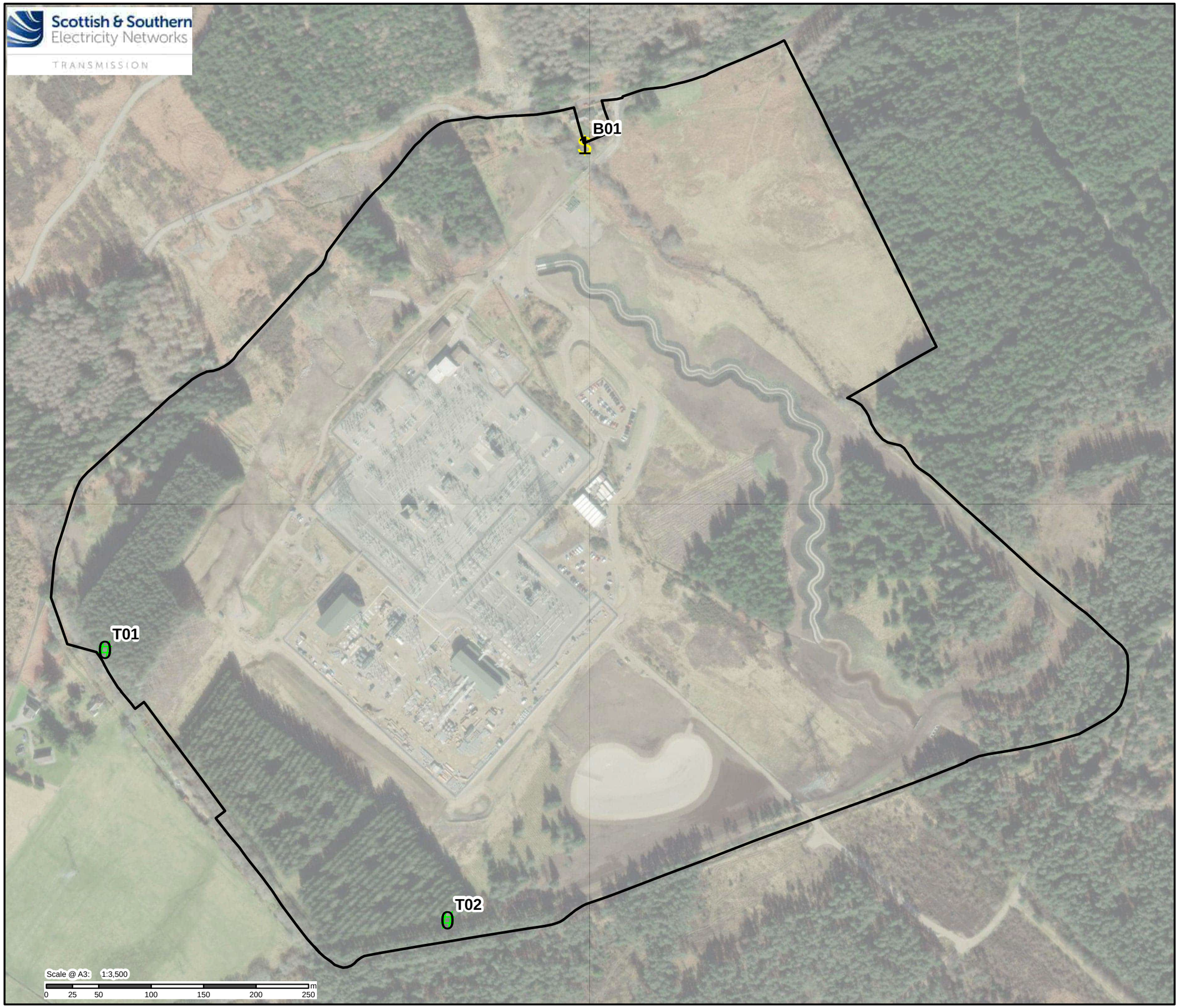
Project: Fort Augustus Substation 400kV Upgrade

Title:
Groundwater Dependent Terrestrial Ecosystems

Drawn by: RE Date: 12/03/2024

Drawing: Figure 5.4

36



08

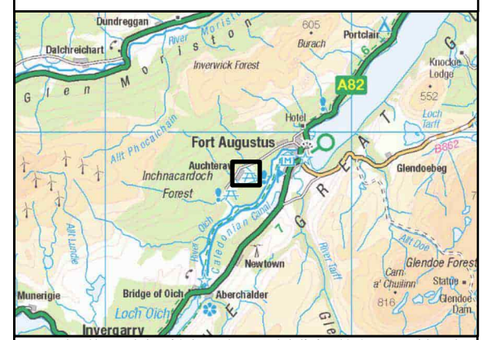
Legend

Operational Site Boundary

Bat Roost Suitability (BRS)

0 Low (tree)

1 Confirmed roost (building)



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08

Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:
Bat Roost Suitability Survey Results

Drawn by: RE Date: 12/03/2024

Drawing: Figure 5.5

36

36

Scottish & Southern Electricity Networks
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Static 1

Static 2

Scale @ A3: 1:3,500

0 25 50 100 150 200 250 m

08

36

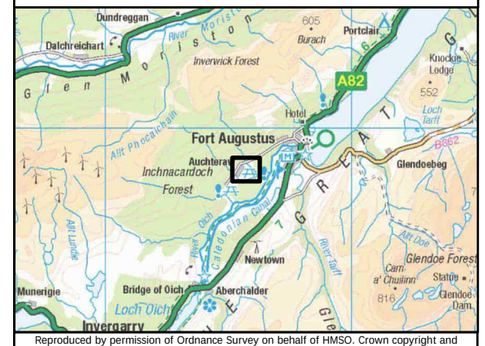
08

Legend

- Operational Site Boundary
- Bat static detectors (SM4)

Bat Activity Transects

- Firstl transect
- Second transect
- Third transect



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:

Bat Activity Transect Routes and
Static Bat Detector Locations

Drawn by: RE Date: 12/03/2024

Drawing: Figure 5.6

36

Scottish & Southern Electricity Networks
TRANSMISSION

Scale @ A3: 1:3,500

0 25 50 100 150 200 250 m

08

36

08

Legend

Operational Site Boundary

Transect 1 (23/05/2023)

Transect 1, PIPPIP

Transect 1, PIPPYG

Transect 2 (04/07/23)

Transect 2, PIPPIP

Transect 2, PIPPYG

Transect 3 (10/08/23)

Transect 3, PIPPIP

Transect 3, PIPPYG



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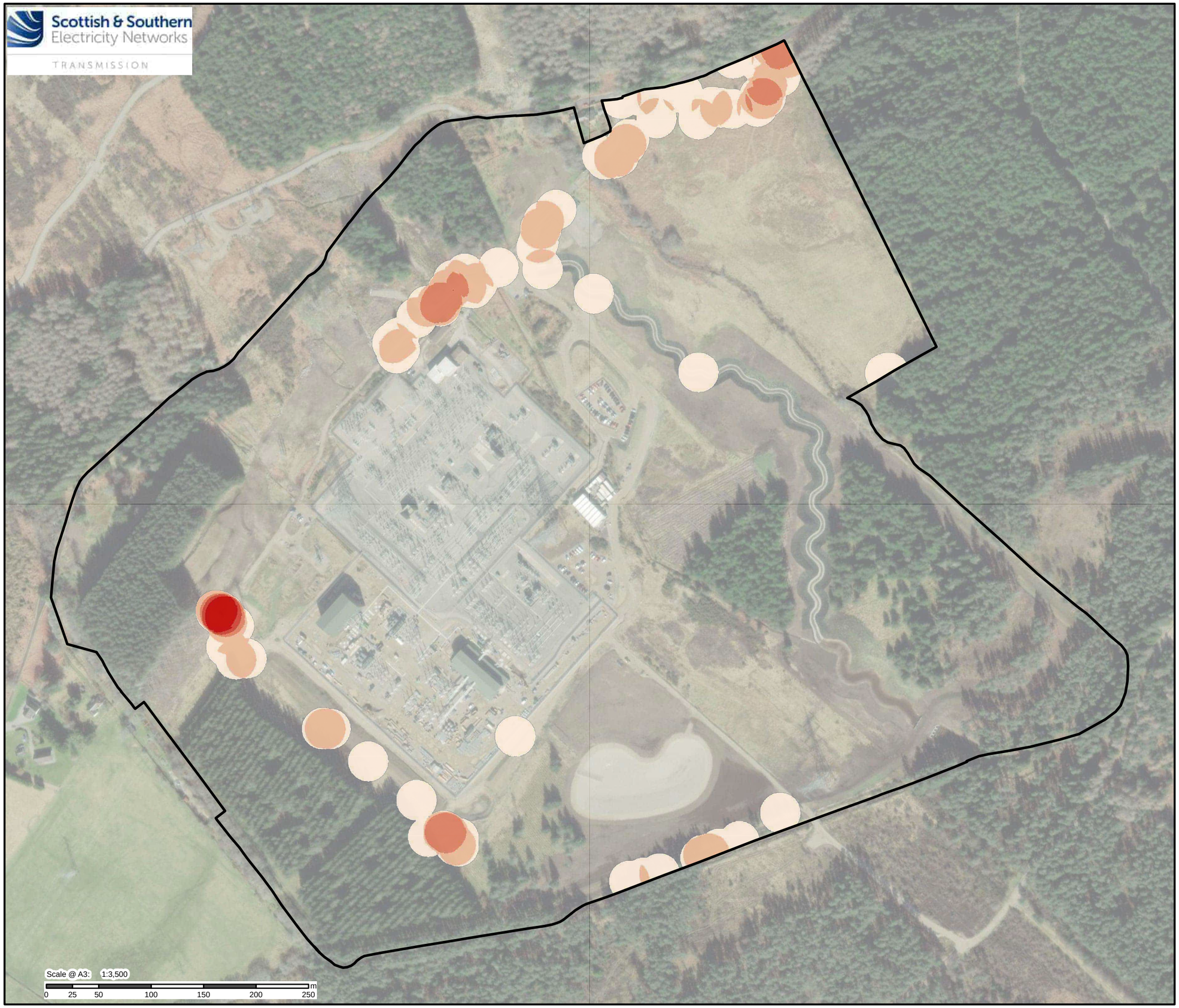
Project: Fort Augustus Substation 400kV Upgrade

Title:

Bat Activity Transect Results –
Bat Registrations by Species

Drawn by: RE Date: 12/03/2024

Drawing: Figure 5.7

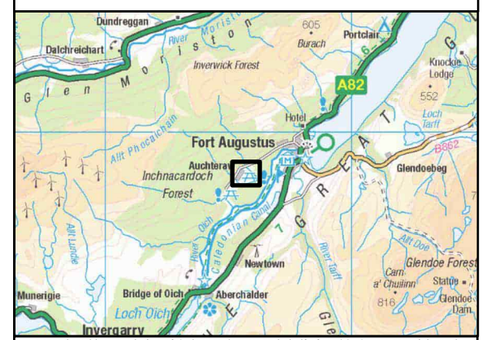


Legend

Operational Site Boundary

Bat registrations

- 1 - 2
- 2 - 7
- 7 - 15
- 15 - 23
- 23 - 29



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Project No: LT000519

Project: Fort Augustus Substation 400kV Upgrade

Title:

Bat Activity Transect Results –
Density of Bat Registrations

Drawn by: RE Date: 12/03/2024

Drawing: Figure 5.8