

- Legend**
- ▲ Mark Hill Substation
 - ▲ Consented Chirmorie Substation
 - ▲ Consented Stranoch Substation
 - Proposed Alignment
 - Proposed Pole Locations
 - Underground Cable (Permitted Development)
 - Indicative Access
 - Study Area (2km)
 - LVA Viewpoint
 - Proposed Wood Pole Theoretically Visible (12.1m)

1. The ZTV analysis does not take into account the screening effect of vegetation, buildings and other surface features
2. Predicted visibility based on a viewer eye height 2m above ground
3. Visibility calculated using Ordnance Survey Terrain 50 DTM on a 50m Grid
4. Effect of earth curvature and light refraction is included

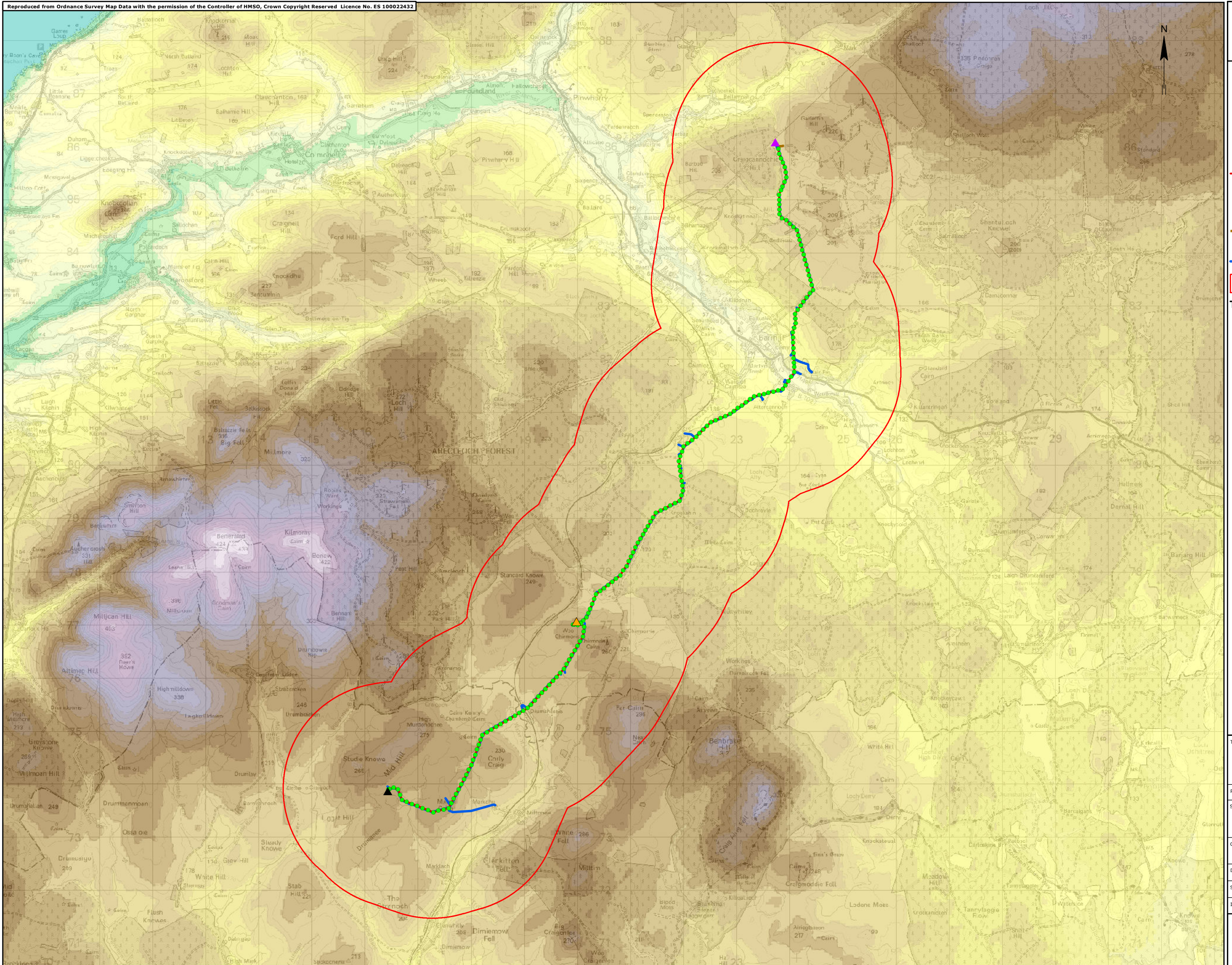
Figure 5.2: 12.1m Wood Pole Zone of Theoretical Visibility and Viewpoints

Project No.	UK1222885
Site	Stranoch and Chirmorie Wind Farms Grid Connections
Client	SP Energy Networks
Date	December 2020
Scale	1:65,500 @ A3
Issue	1
Drawn by	NJ

- Legend**
- ▲ Mark Hill Substation
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 - (Permitted Development)
 - Indicative Access
 - Study Area (2km)

Terrain Height (mAOD)

-1 - 0	221 - 240
1 - 20	241 - 260
21 - 40	261 - 280
41 - 60	281 - 300
61 - 80	301 - 320
81 - 100	321 - 340
101 - 120	341 - 360
121 - 140	361 - 380
141 - 160	381 - 400
161 - 180	401 - 420
181 - 200	421 - 440
201 - 220	441 - 460



Title
Figure 5.3: Site Location and LVA Study Area

Project No. UK1222885

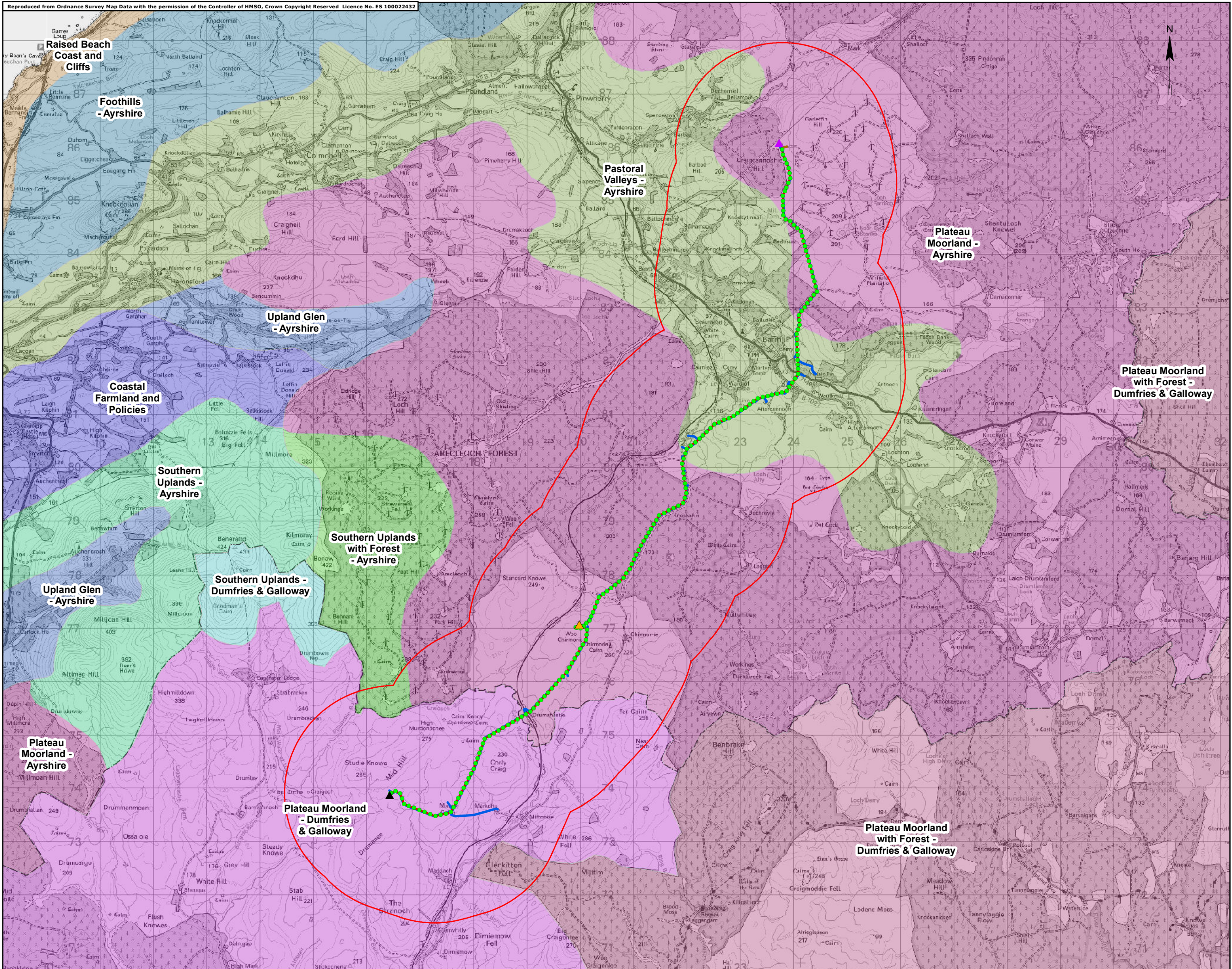
Site Stranoch and Chirmorie Wind Farms Grid Connections

Client SP Energy Networks

Date December 2020

Scale 1:65,500 @ A3

Issue 1 **Drawn by** NJ

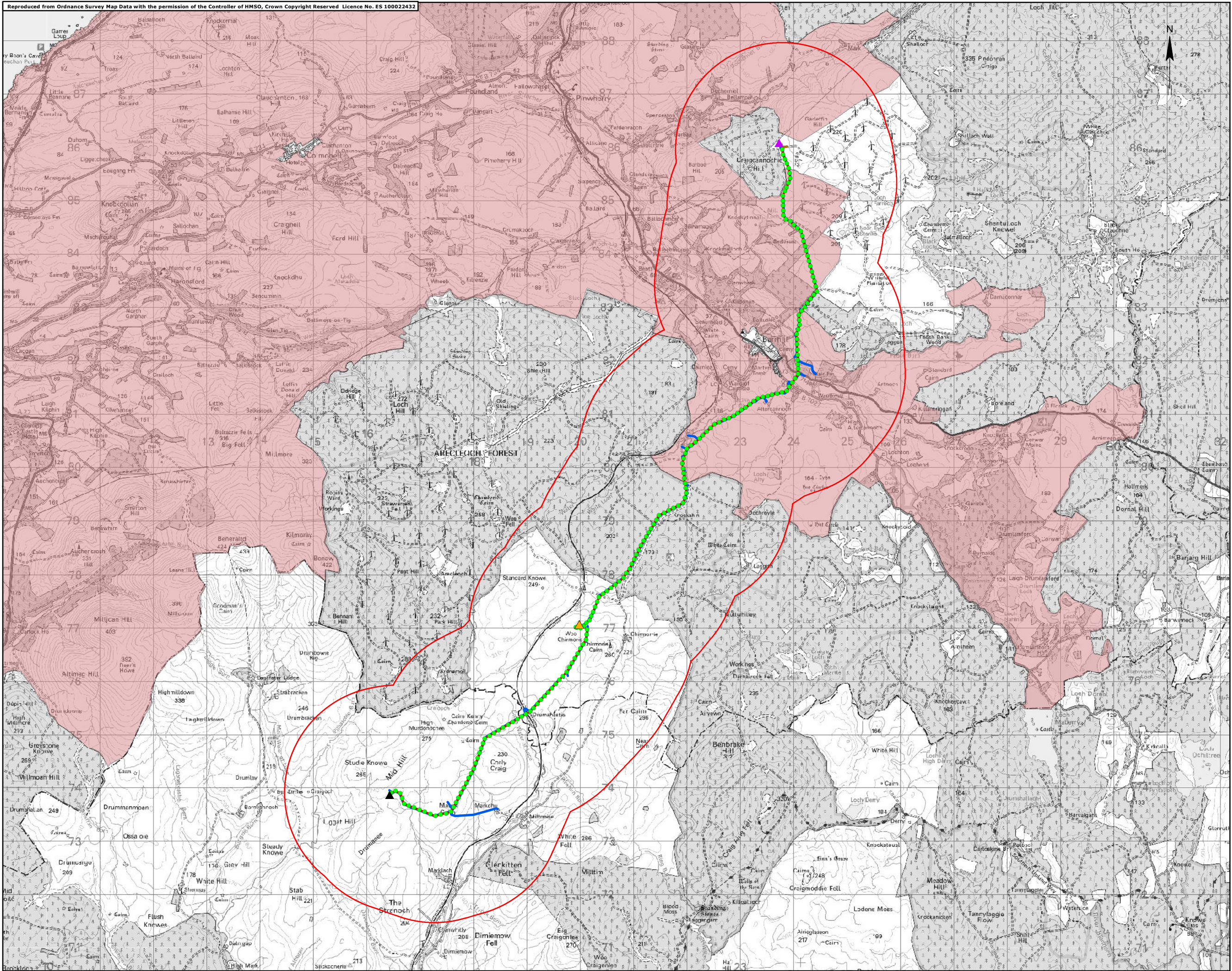


- Legend**
- ▲ Mark Hill Substation
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 - ▲ Consented Stranoch Substation
 - Proposed Alignment
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 - Underground Cable (Permitted Development)
 - Indicative Access
 - Study Area (2km)

- NatureScot Landscape Character Types**
- Coastal Farmland and Policies
 - Foothills - Ayrshire
 - Pastoral Valleys - Ayrshire
 - Plateau Moorland - Ayrshire
 - Plateau Moorland - Dumfries & Galloway
 - Plateau Moorland with Forest - Dumfries & Galloway
 - Plateau Moorland with Forest - Ayrshire
 - Raised Beach Coast and Cliffs
 - Southern Uplands - Ayrshire
 - Southern Uplands - Dumfries & Galloway
 - Southern Uplands with Forest - Ayrshire
 - Upland Glen - Ayrshire

Figure 5.4: NatureScot Landscape Character Types within Study Area

Project No.	UK1222885
Site	Stranoch and Chirmorie Wind Farms Grid Connections
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Issue	1
Drawn by	NJ











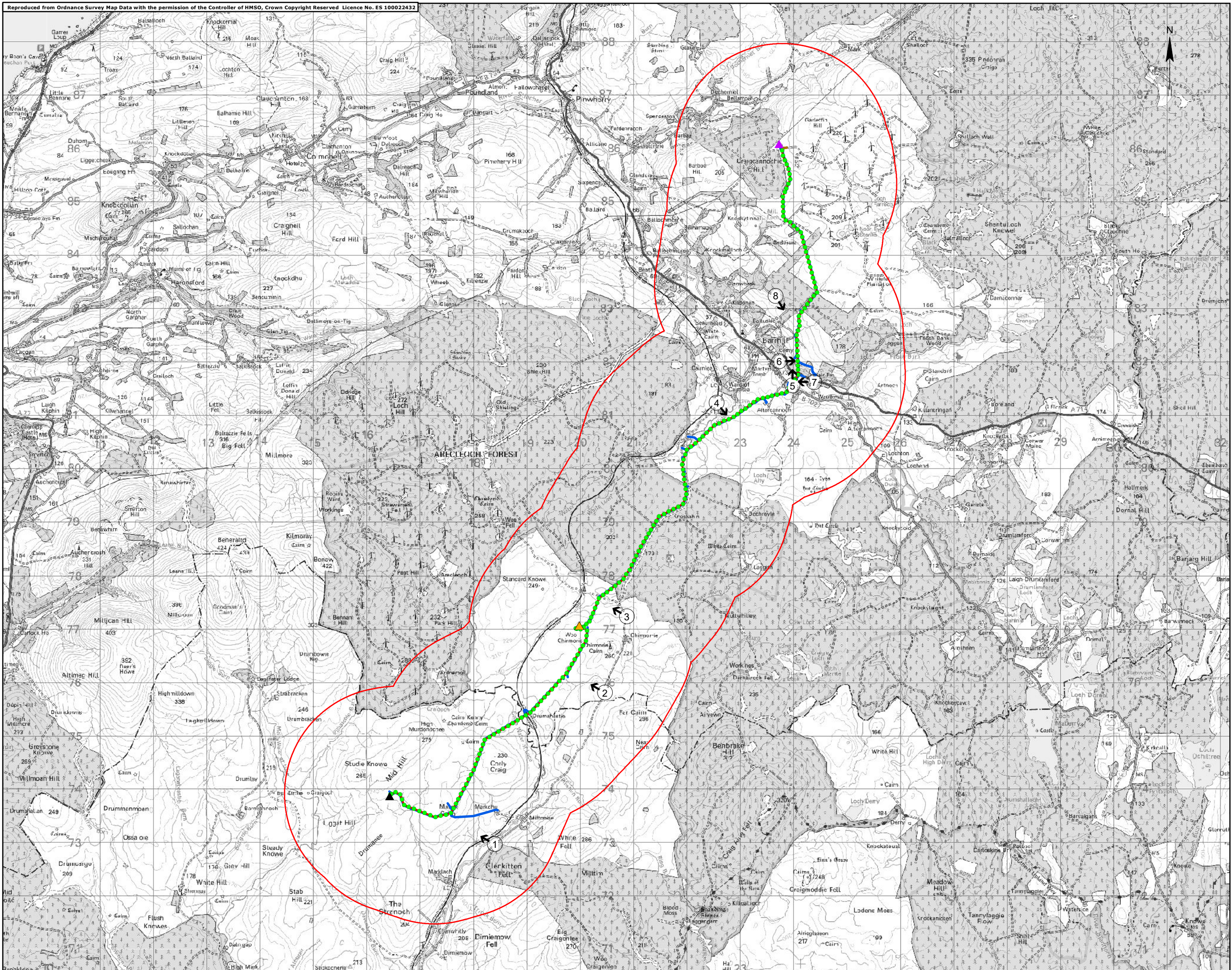
- Legend**
- ▲ Mark Hill Substation
 - ▲ Consented Chirmorie Substation
 - ▲ Consented Stranoch Substation
 - Proposed Alignment
 - - - Proposed Pole Locations
 - Underground Cable (Permitted Development)
 - Indicative Access
 - Study Area (2km)
 - South Ayrshire Scenic Areas

Path: C:\Users\WJAME\OneDrive\Projects\Stranoch\GIS\MapFiles\Landscape\UK1222885_Figure5.5_LandscapeDesignations_B.mxd

Title		Figure 5.5: Landscape Designations and Classifications
Project No.		UK1222885
Site		Stranoch and Chirmorie Wind Farms Grid Connections
Client		SP Energy Networks
Date		December 2020
Scale		1:65,500 @ A3
Issue	1	Drawn by NJ

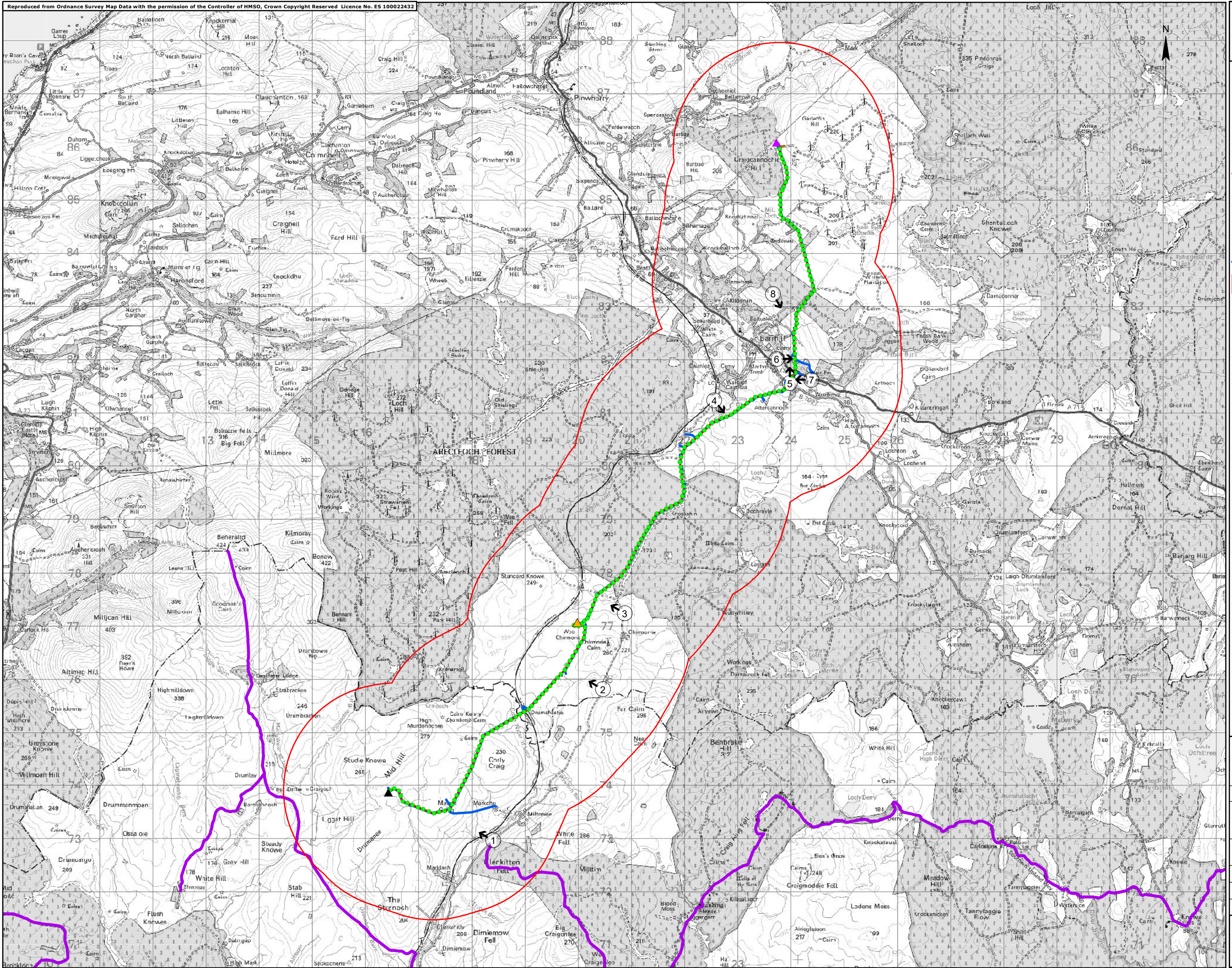
Legend

-  Consented Chirmorie Substation
-  Consented Stranoch Substation
-  Proposed
-  Proposed Pole Locations
-  Underground Cable (Permitted Development)
-  Indicative Access
-  Study Area (2km)
-  LVA Viewpoint



Title	
Figure 5.6: Viewpoint Locations	
Project No. UK1222885	
Site Stranoch and Chirmorie Wind Farms Grid Connections	
Client SP Energy Networks	
Date December 2020	
Scale 1:65,500 @ A3	
Issue 1	Drawn by NJ

- Legend
- ▲ Mark Hill Substation
 - ▲ Consented Chirmorie Substation
 - ▲ Consented Stranoch Substation
 - Proposed Alignment
 - Proposed Pole Locations
 - Underground Cable (Permitted Development)
 - Indicative Access
 - Study Area (2km)
 - LVA Viewpoint
 - Core Paths



Title	
Figure 5.7: Visual Receptors	
Project No. UK1222885	
Site Stranoch and Chirmorie Wind Farms Grid Connections	
Client SP Energy Networks	
Date December 2020	
Scale 1:65,500 @ A3	
Issue 1	Drawn by NJ