




**Legend**

-  Site Boundary
-  10km Study Area
-  Proposed AC Substation and HVDC Converter Station Platform



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

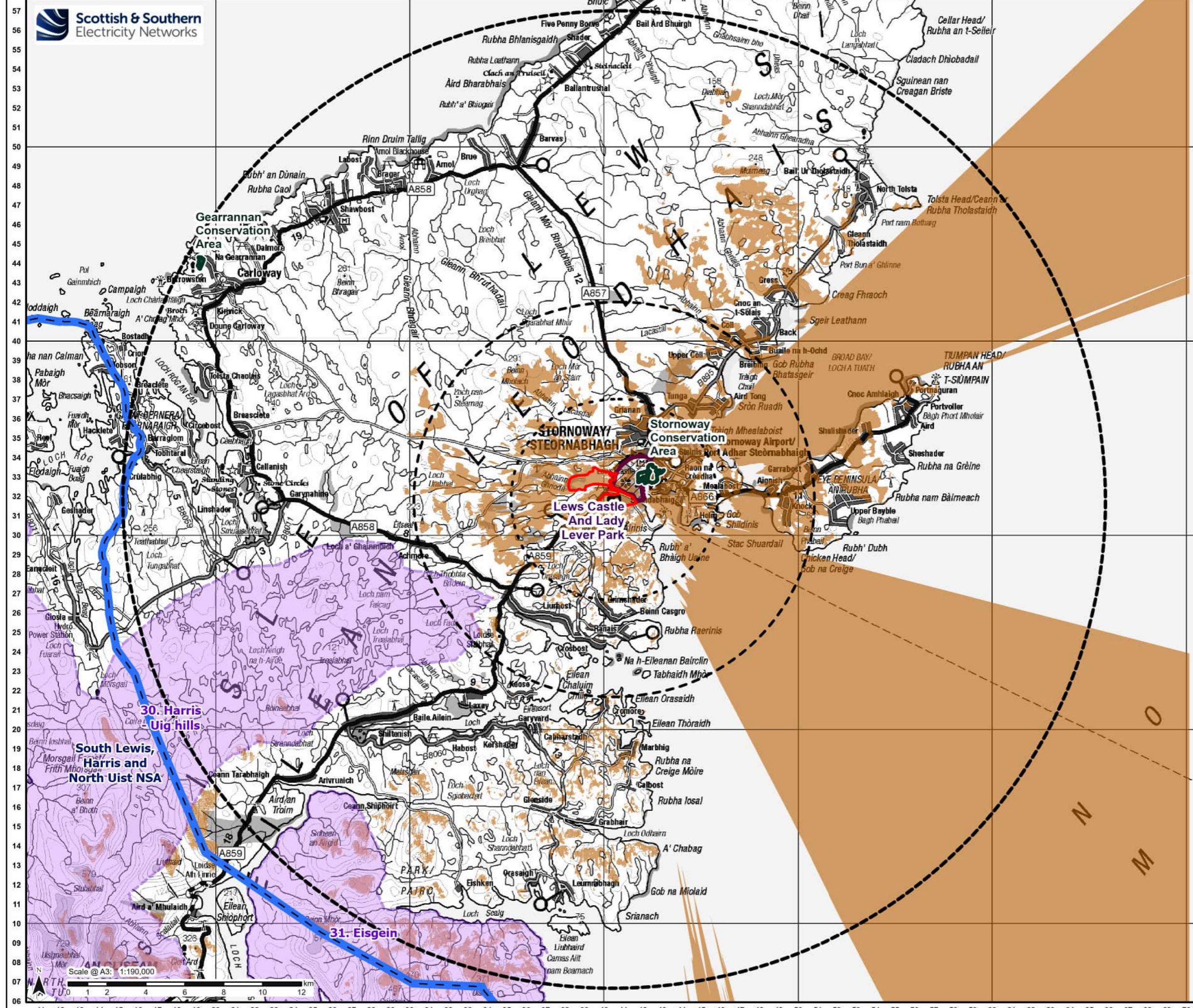
Title:  
**Figure 5.1: LVIA Study Area**

Drawn by: SR Date: 29/01/2025

Drawing: 1620015322\_Fig.1 LVIA Study Area



11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 60 61 62 63 64 65 66 67 68 69 70



### Legend

- Site Boundary
- Proposed AC Substation and HVDC Converter Station Platform
- 5km Study Area
- 10km Study Area
- 25km Study Area
- Landscape Designations**
- National Scenic Areas (NSA)
- Wild Land Area 2014
- Garden and Designed Landscapes
- Other Designations**
- Conservation Areas
- Zone of Theoretical Visibility (ZTV)**
- Site Structures Theoretically Visible at 27.5m Height



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Title:  
Figure 5.2: Designations overlaid with Zone of Theoretical Visibility (ZTV) (Wider 25km Study Area)

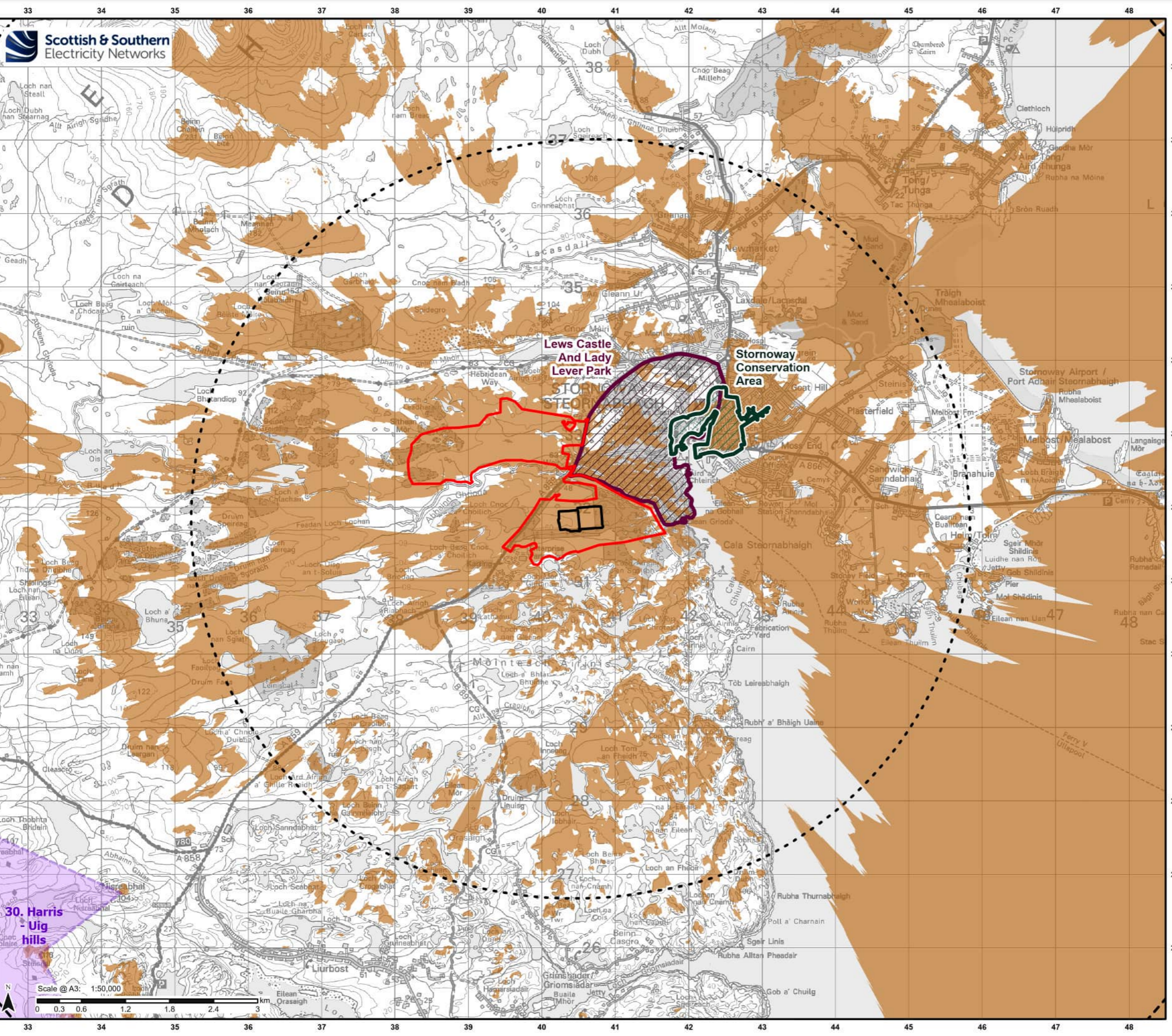
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Drawing: 1620015322\_Fig5.2\_ZTV (25km)

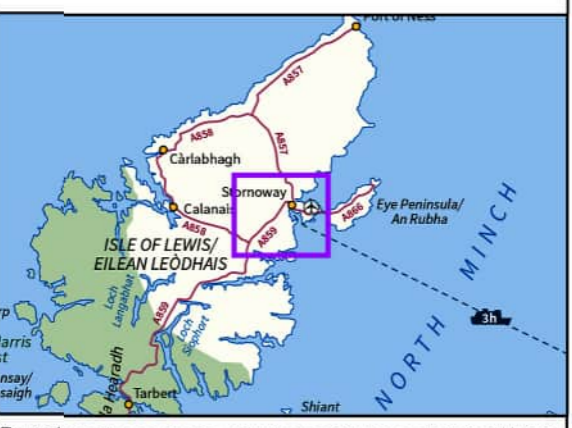
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 60 61 62 63 64 65 66 67 68 69 70

Scale @ A3: 1:190,000  
Scale bar showing 0 to 12 km.





- ### Legend
- Site Boundary
  - Proposed AC Substation and HVDC Converter Station Platform
  - 5km Study Area
  - Landscape Designations**
  - Wild Land Area 2014
  - Garden and Designed Landscapes
  - Other Designations**
  - Conservation Areas
  - Zone of Theoretical Visibility (ZTV)**
  - Site Structures Theoretically Visible at 27.5m Height



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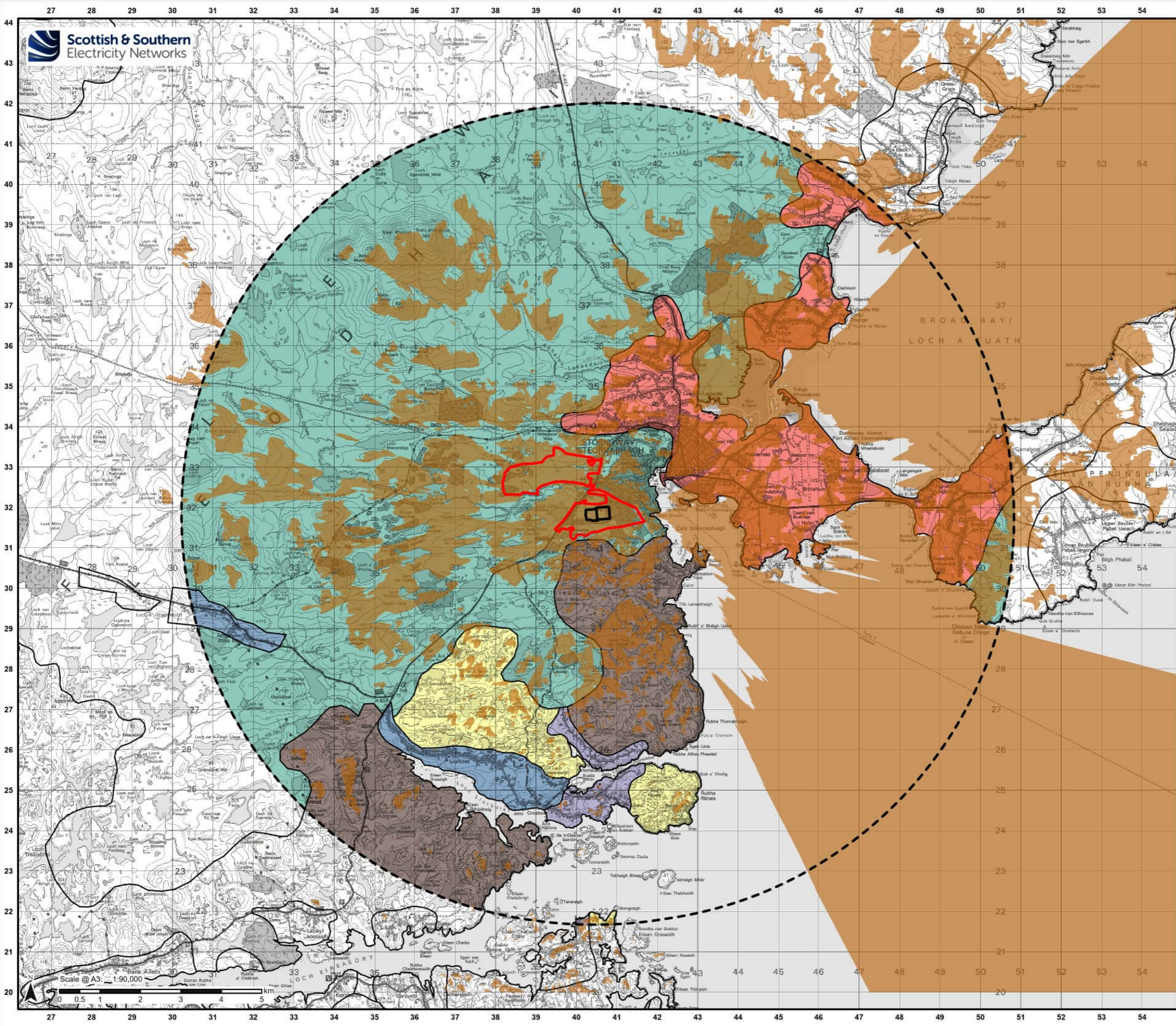
Title:  
 Figure 5.3: Designations overlaid with Zone of Theoretical Visibility (ZTV) (5km Study Area)

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Drawing: 1620015322\_Fig5.3\_ZTV (5km)

Scale @ A3: 1:50,000  
 0 0.3 0.6 1.2 1.8 2.4 3 km





**Legend**

- Site Boundary
- 10km Study Area
- Proposed AC Substation and HVDC Converter Station Platform

**Landscape Character Types**

- Boggy Moorland - Outer Hebrides
- Cnoc and Lochan
- Dispersed Crofting
- Gently Sloping Crofting
- Linear Crofting
- Rocky Moorland - Outer Hebrides

**Zone of Theoretical Visibility (ZTV)**

- Site Structures Theoretically Visible at 27.5m Height



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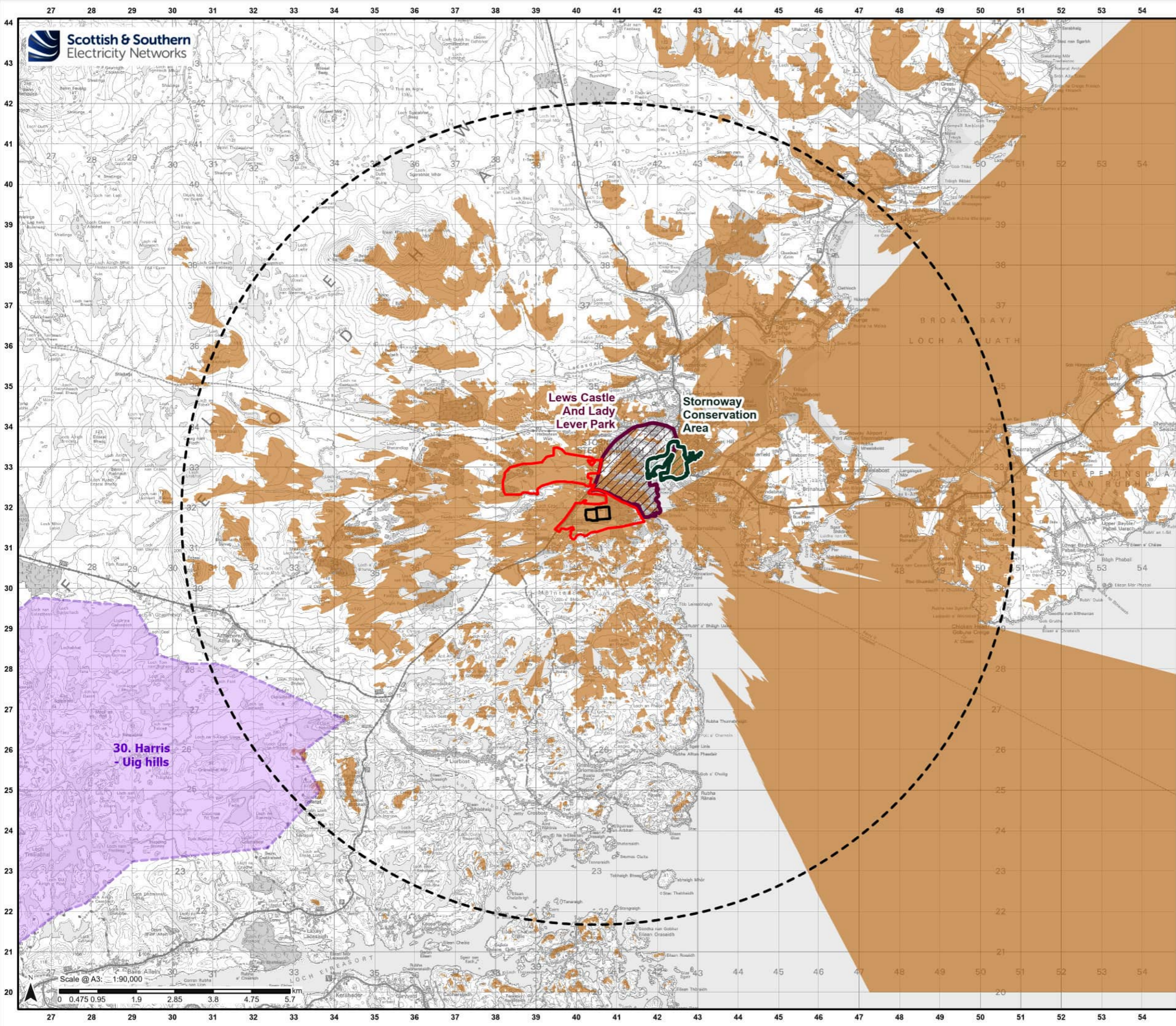
Project No: LT000014  
Lewis Hub (AC Substation and HVDC Converter Station)

Title:  
Figure 5.4: Landscape Character Types overlaid with Zone of Theoretical Visibility (ZTV)

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Drawing: 1620015322\_Fig5.4\_LCT





- Legend**
- Site Boundary
  - Proposed AC Substation and HVDC Converter Station Platform
  - 5km Study Area
  - Wild Land Area 2014**
  - Wild Land Area 2014
  - Garden and Designed Landscapes
  - Other Designations**
  - Conservation Areas
  - Zone of Theoretical Visibility (ZTV)**
  - Site Structures Theoretically Visible at 27.5m Height



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Title:  
**Figure 5.5: Designations overlaid with Zone of Theoretical Visibility (ZTV)**

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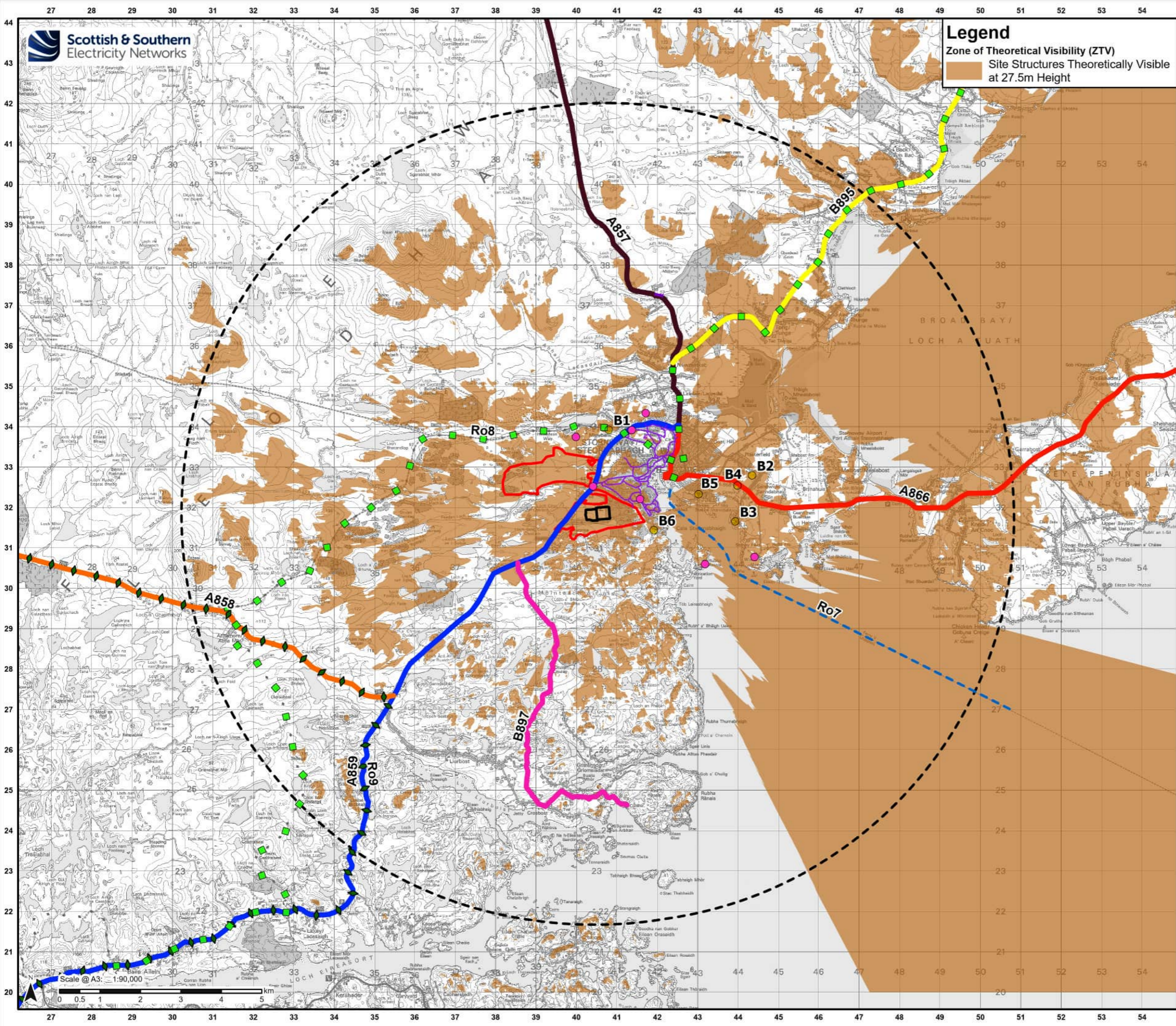
Drawing: 1620015322\_Fig5.5\_Designations

Scale @ A3: 1:90,000  
0 0.475 0.95 1.9 2.85 3.8 4.75 5.7 km



**Legend**  
**Zone of Theoretical Visibility (ZTV)**  
 Site Structures Theoretically Visible at 27.5m Height

- Legend**
- Site Boundary
  - Proposed AC Substation and HVDC Converter Station Platform
  - 10km Study Area
- Residential Receptors**
- B1, Marybank
  - B2, Plasterfield
  - B3, Lower Sandwick
  - B4, Olivers Brae / Sandwick Cemetery Entrance
  - B5, Newton Street
  - B6, Knock, Point
- Recreational Receptors**
- Rec1, Lewis War Memorial
  - Rec2, Iolaire Memorial CarPark
  - Rec3, Rhubha Airinis
  - Rec4, Below Cnoc na Croic
  - Rec5, Golf Course
  - Rec6, Creed Bridge car park/chemical works
  - Rec7, Marybank picnic benches
- Sequential Route Receptors**
- Ro1, A857, Southbound only (northbound scoped out)
  - Ro2, A859, Both directions
  - Ro3, A858, Scoped out
  - Ro4, A866, westbound only (eastbound scoped out)
  - Ro5, B895, Southbound only (northbound scoped out)
  - Ro6, B897, Northbound only (southbound scoped out)
  - Ro7, Ullapool to Stornoway Ferry
  - Ro8, Hebridean Way (Walking route), Both directions
  - ◆ Ro9, Hebridean Way (Cycling route), Scoped out
  - Ro10, Core Paths,



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Title:  
 Figure 5.6: Viewpoint Locations and Sequential routes overlaid with Zone of Theoretical Visibility (ZTV)

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Drawing: 1620015322\_Fig.5.6\_Viewpoint Locations & Sequential Routes with ZTV