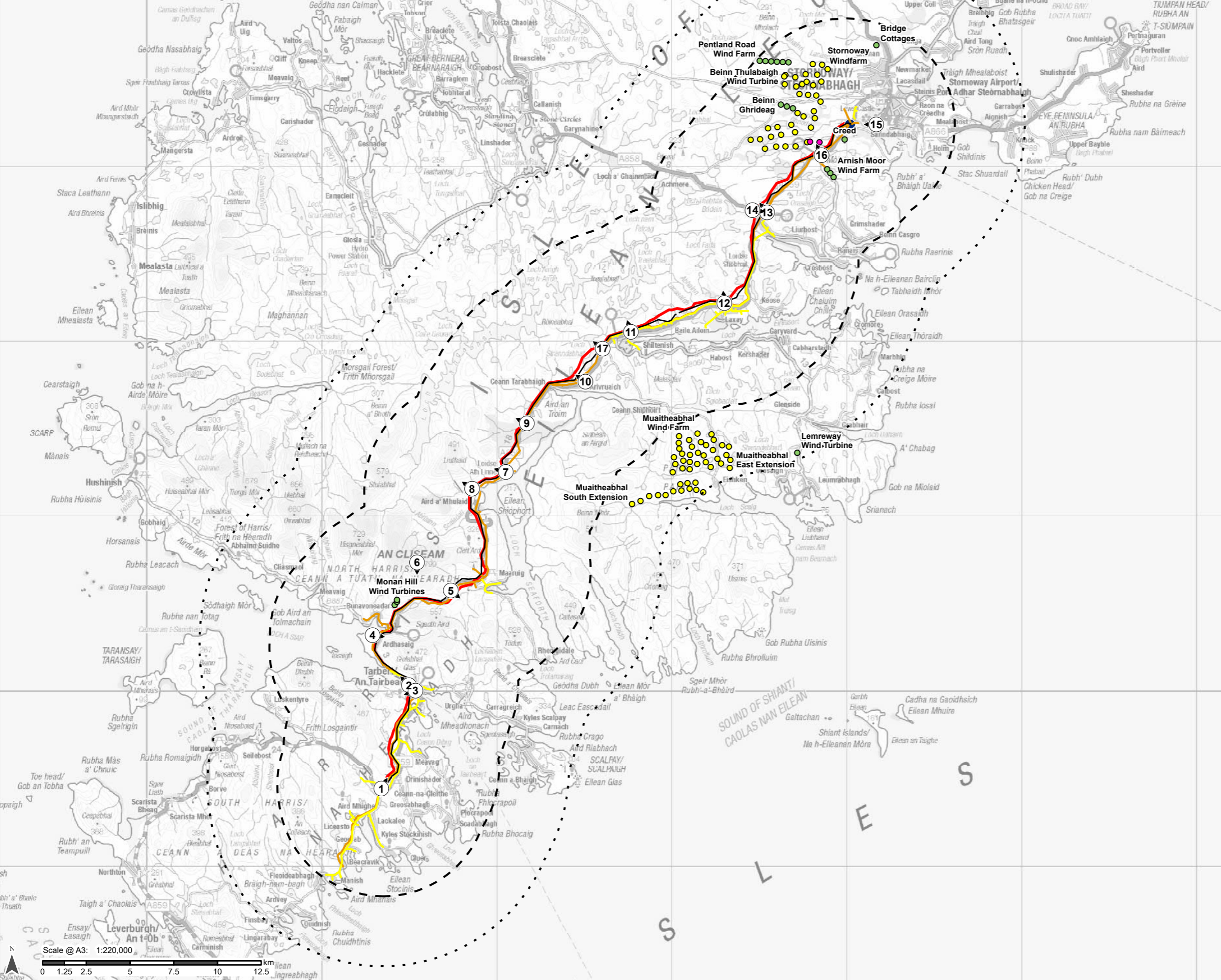


**Figure 6.6a-i: Cumulative Developments**

92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61



TRANSMISSION



**Legend**

- Proposed Alignment
  - Harris 132kV Grid Supply Point
  - Stornoway Substation
  - Existing 132kV OHL to be Dismantled
  - Existing 11kV OHL
  - Existing 33kV OHL
  - 6 km SLVIA Study Area
  - 10 km SLVIA Cumulative Study Area
  - Viewpoints
- Cumulative Developments - Status**
- Operational
  - Consented
  - In Planning



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Project No: LT0245  
Project: Harris to Stornoway 132 kV OHL Replacement

Title: Figure 6.6a: Cumulative Developments

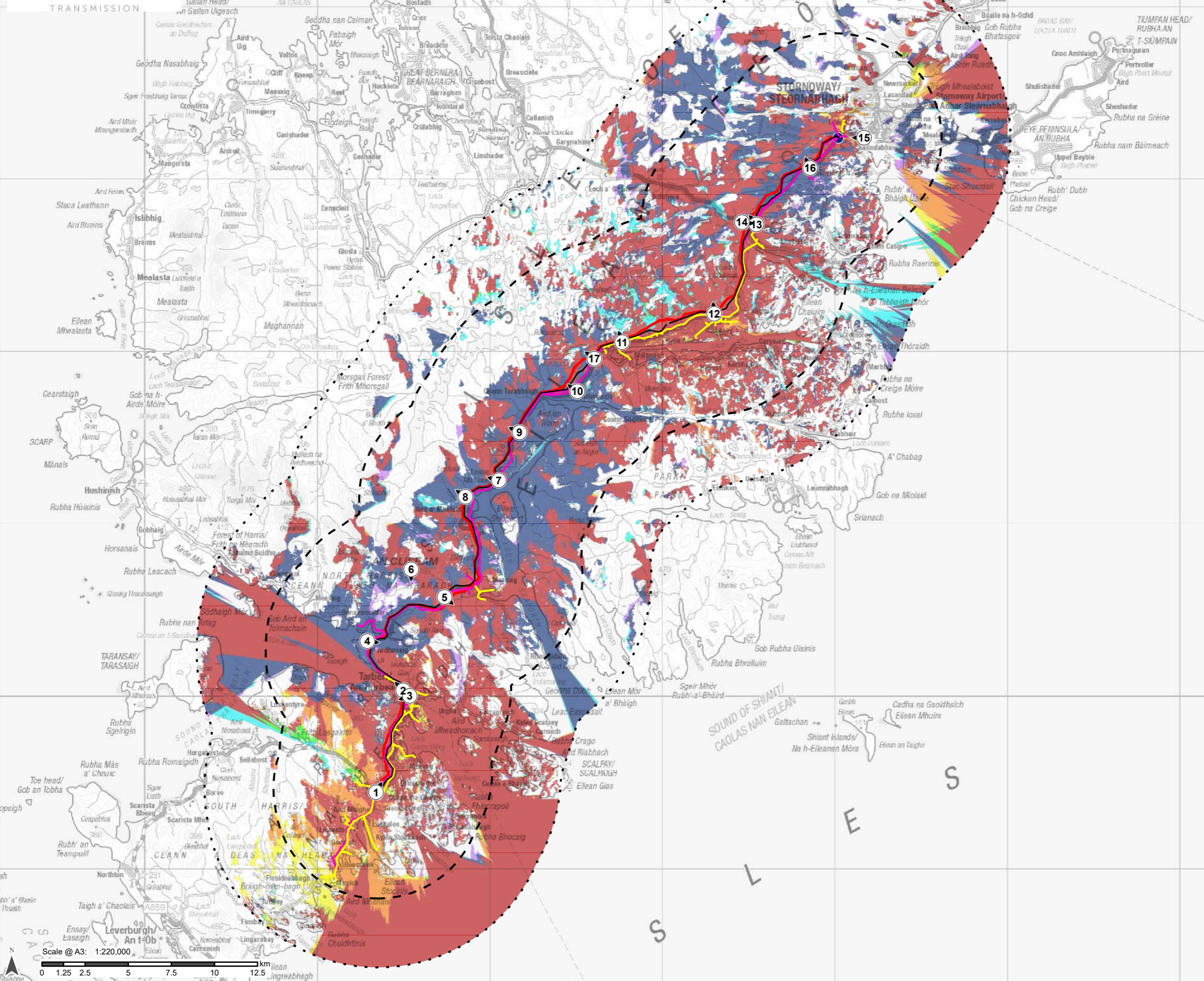
Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6a\_CumulativeDevelopments\_D










92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61

Scale @ A3: 1:220,000  
0 1.25 2.5 5 7.5 10 12.5 km

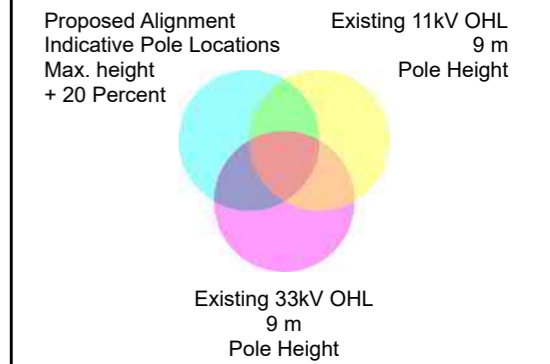
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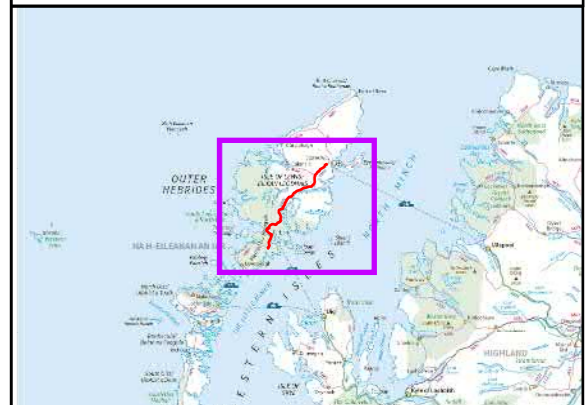
**Legend**

-  Proposed Alignment
-  Harris 132kV Grid Supply Point
-  Stornoway Substation
-  Existing 132kV OHL to be Dismantled
-  Existing 11kV OHL
-  Existing 33kV OHL
-  6 km SLVIA Study Area
-  10 km SLVIA Cumulative Study Area
-  Viewpoints

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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Project No: LT0245

Project: Harris to Stornoway 132 kV OHL Replacement

Title: Figure 6.6b:  
Cumulative ZTV - Proposed Alignment,  
11kV OHL and 33kV OHL

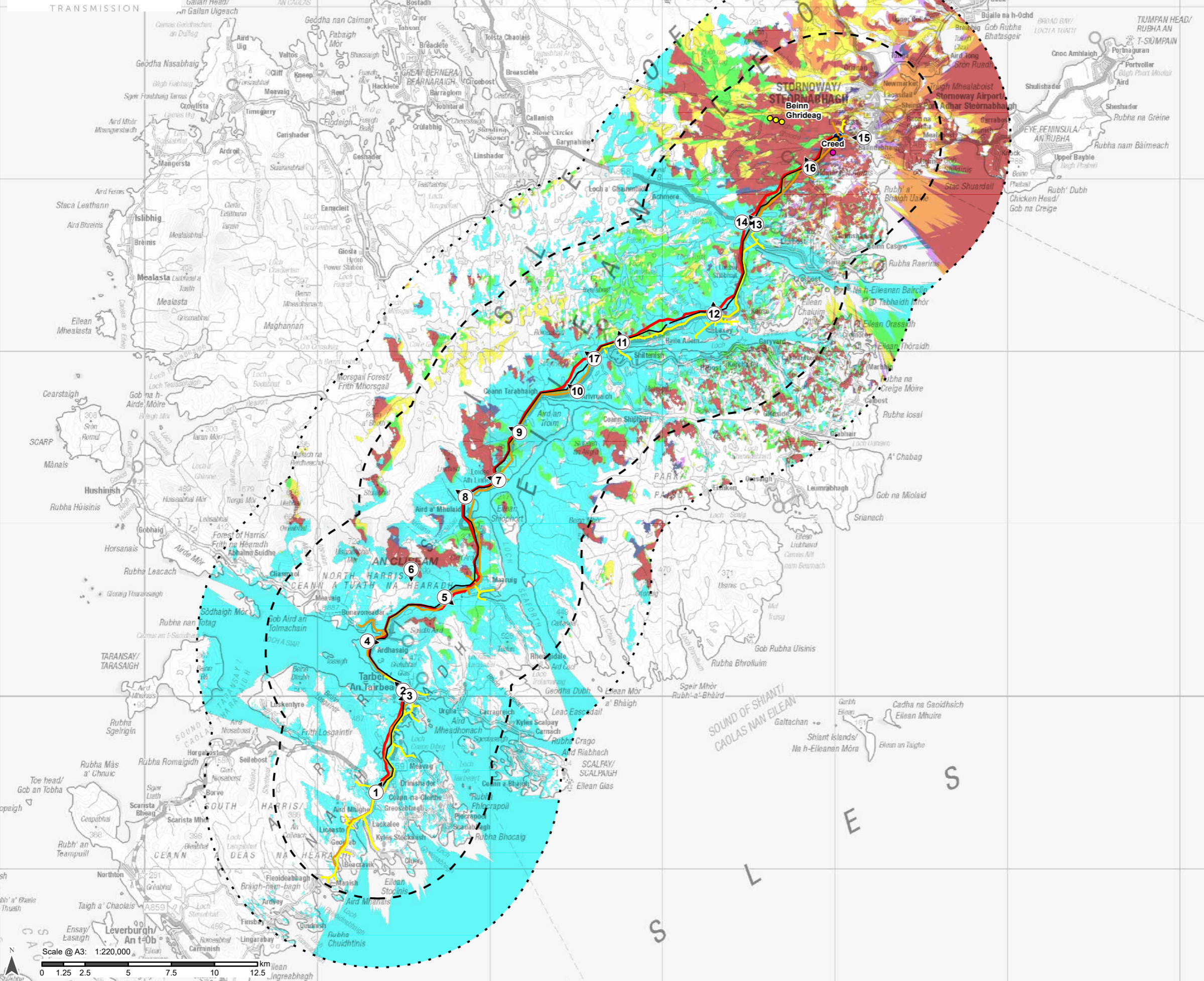
Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6b\_CumuZTV11kVOHLand33kVOHL\_B

Scale @ A3: 1:220,000  
0 1.25 2.5 5 7.5 10 12.5 km

92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61

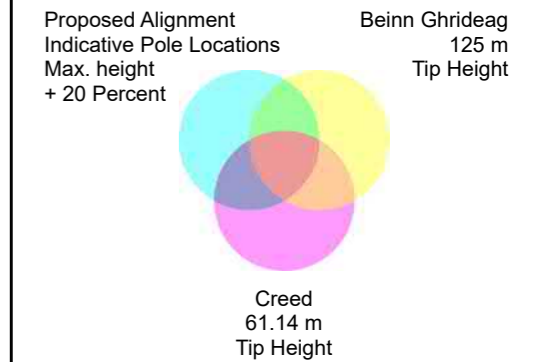
92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61



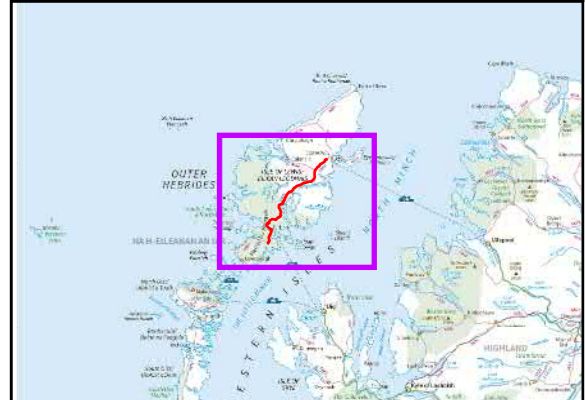
**Legend**

- Proposed Alignment
- Harris 132kV Grid Supply Point
- Stornoway Substation
- Existing 132kV OHL to be Dismantled
- Existing 11kV OHL
- Existing 33kV OHL
- 6 km SLVIA Study Area
- 10 km SLVIA Cumulative Study Area
- Viewpoints
- Beinn Ghrideag
- Creed

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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Project No: LT0245  
Project: Harris to Stornoway 132 kV OHL Replacement

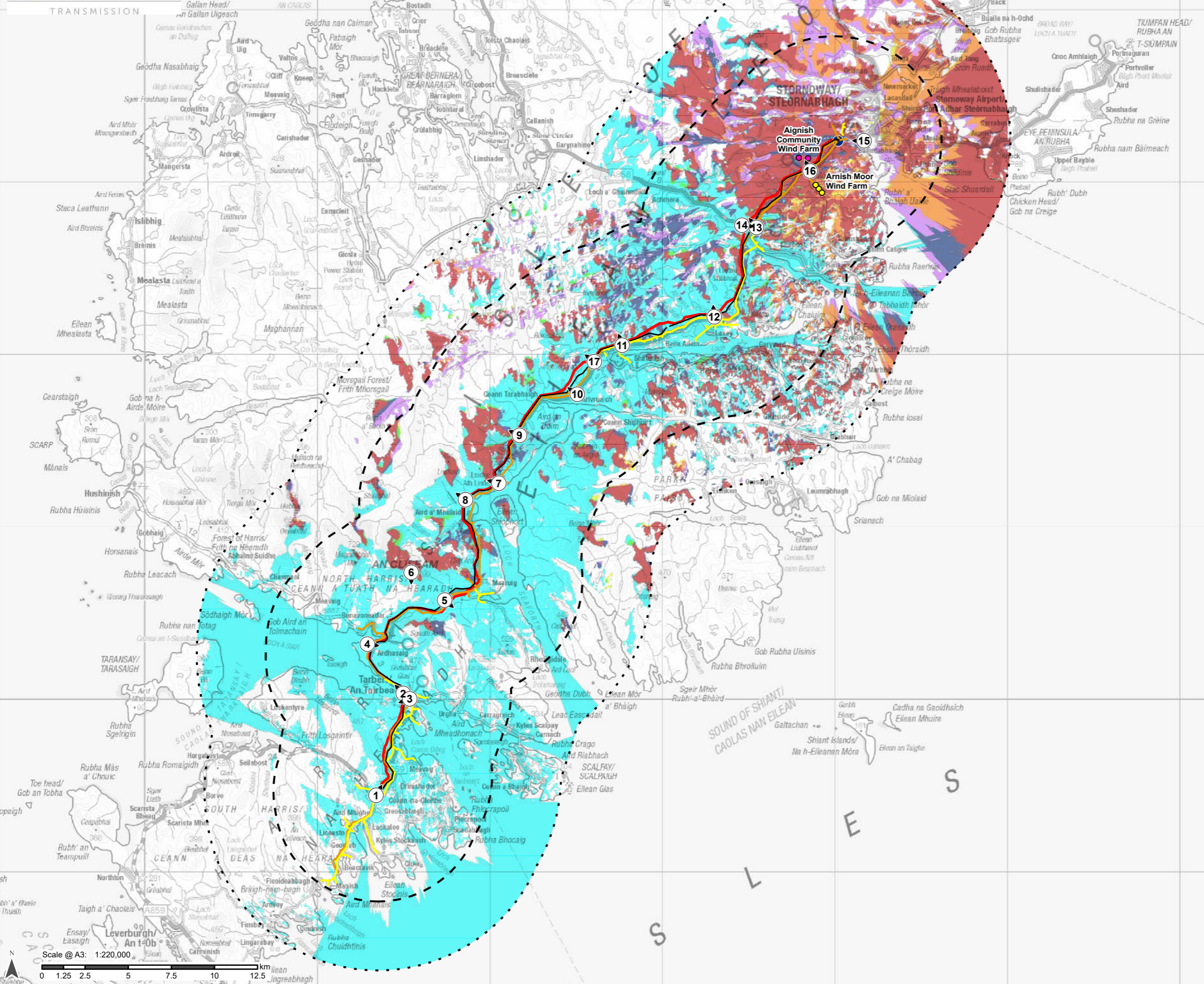
Title:  
Figure 6.6c:  
Cumulative ZTV - Proposed Alignment,  
Beinn Ghrideag and Creed

Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6c\_CumuZTVBeinnG&Creed\_B

92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61

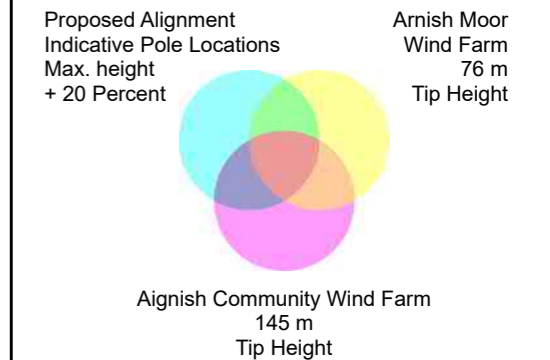
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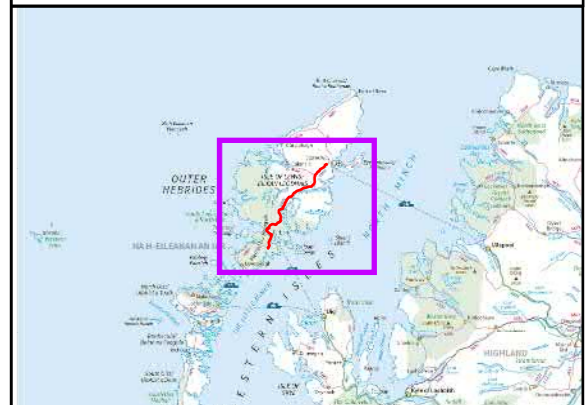
**Legend**

- Proposed Alignment
- Harris 132kV Grid Supply Point
- Stornoway Substation
- Existing 132kV OHL to be Dismantled
- Existing 11kV OHL
- Existing 33kV OHL
- 6 km SLVIA Study Area
- 10 km SLVIA Cumulative Study Area
- Viewpoints
- Arnish Moor Wind Farm
- Aignish Community Wind Farm

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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Project No: LT0245  
Project: Harris to Stornoway 132 kV OHL Replacement

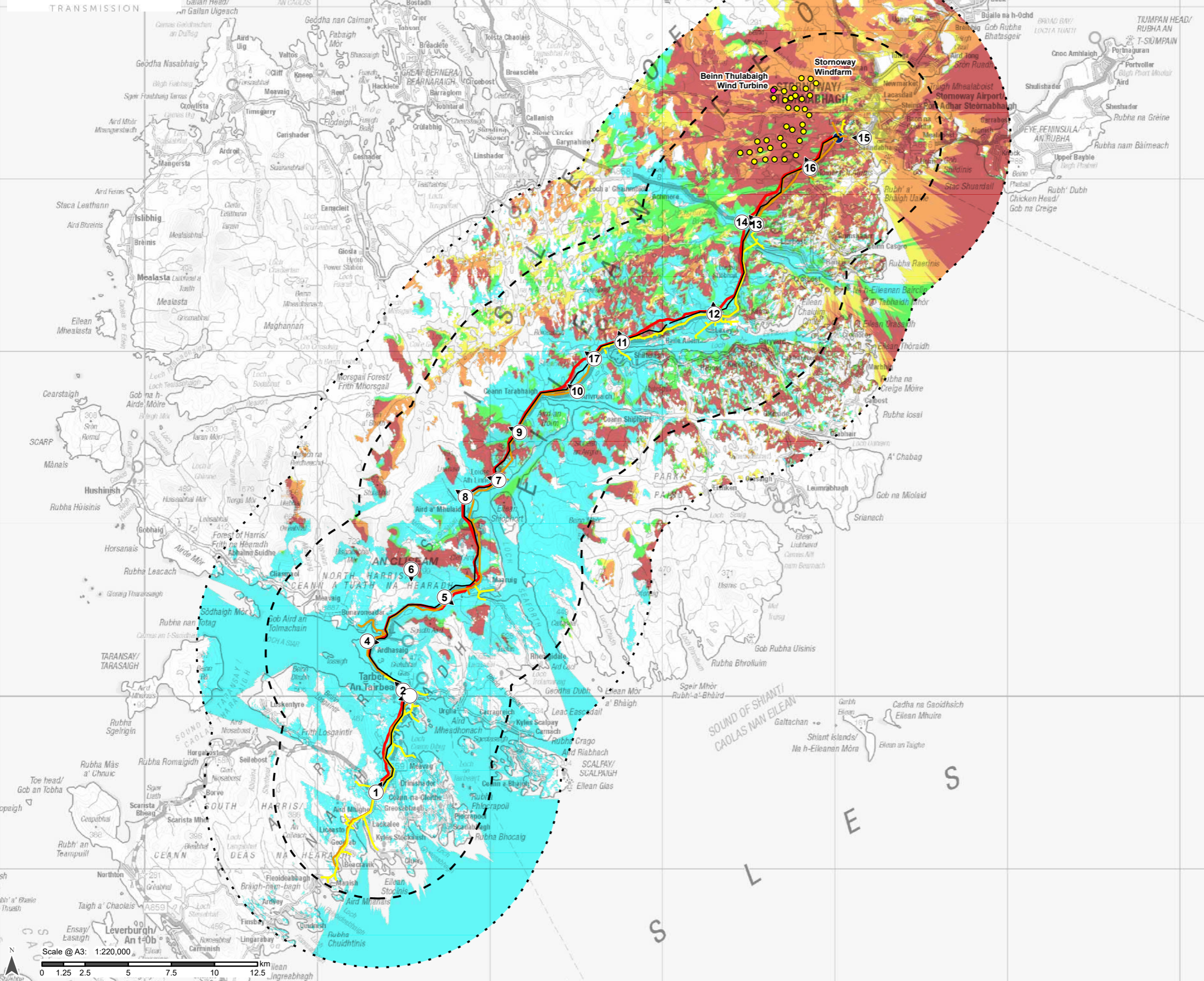
Title:  
Figure 6.6d:  
Cumulative ZTV - Proposed Alignment,  
Arnish Moor Wind Farm and Aignish Community  
Wind Farm

Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6d\_CumuZTVArnishMoor&Aignish\_E

92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61

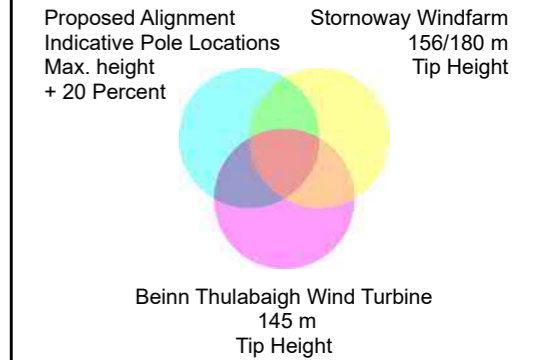
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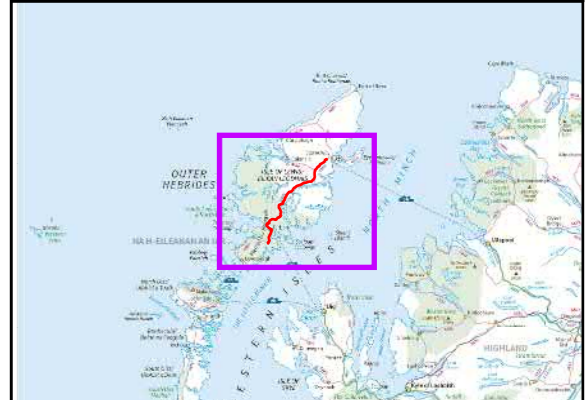
**Legend**

- Proposed Alignment
- Harris 132kV Grid Supply Point
- Stornoway Substation
- Existing 132kV OHL to be Dismantled
- Existing 11kV OHL
- Existing 33kV OHL
- 6 km SLVIA Study Area
- 10 km SLVIA Cumulative Study Area
- Viewpoints
- Stornoway Windfarm
- Beinn Thulabaigh Wind Turbine

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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Project No: LT0245  
Project: Harris to Stornoway 132 kV OHL Replacement

Title:  
Figure 6.6e:  
Cumulative ZTV - Proposed Alignment,  
Stornoway Windfarm and Beinn Thulabaigh  
Wind Turbine

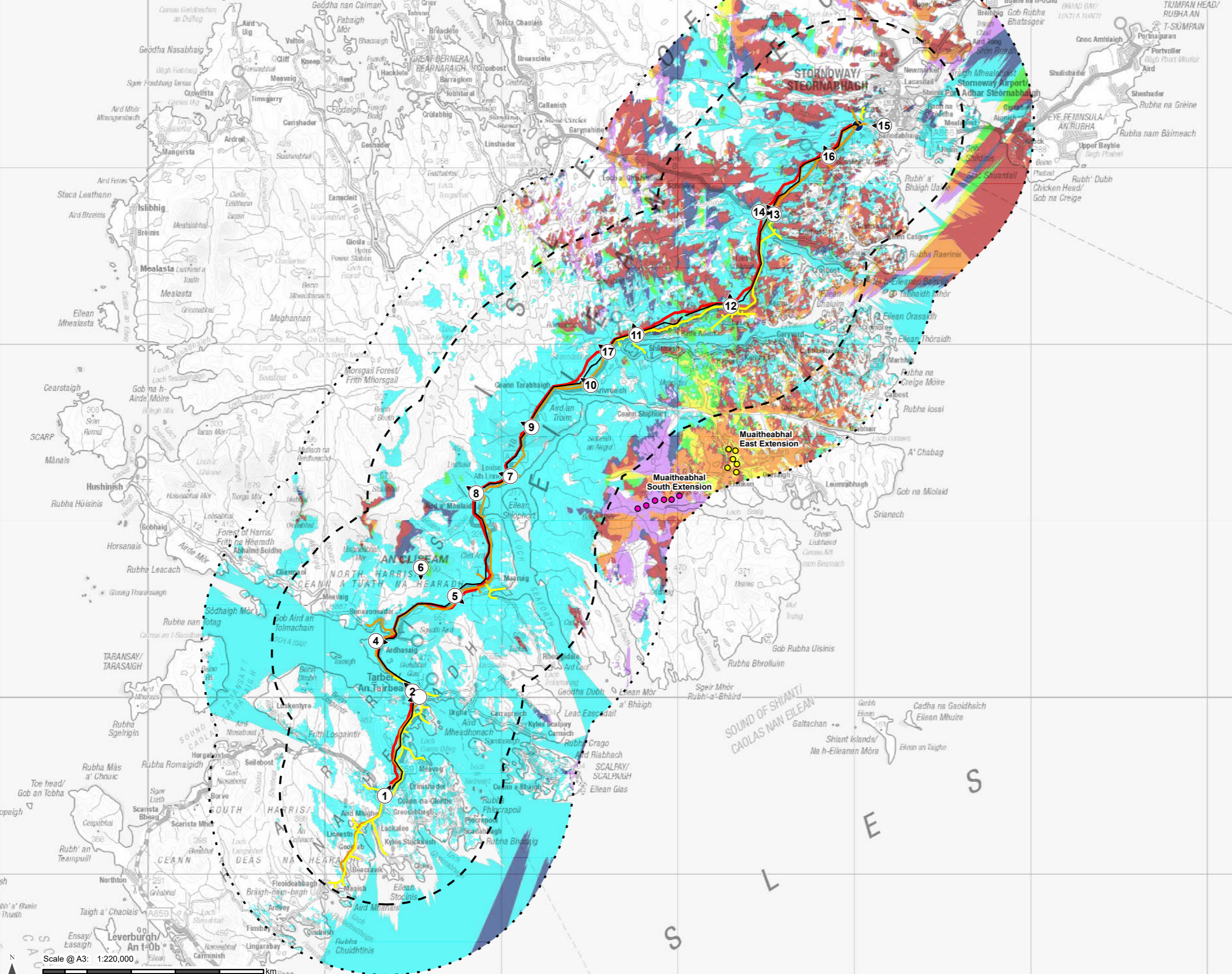
Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6e\_CumuZTVStornoway&BeinnT\_B

Scale @ A3: 1:220,000  
0 1.25 2.5 5 7.5 10 12.5 km

92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61

TRANSMISSION

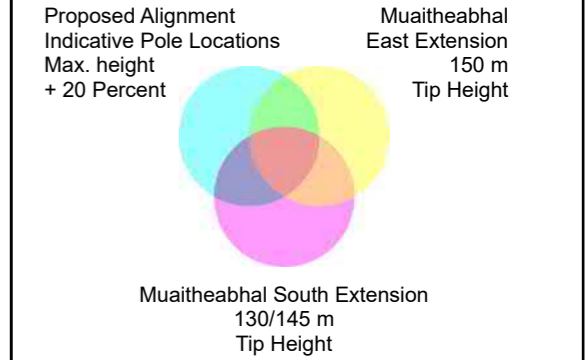


Scale @ A3: 1:220,000  
0 1.25 2.5 5 7.5 10 12.5 km

**Legend**

- Proposed Alignment
- Harris 132kV Grid Supply Point
- Stornoway Substation
- Existing 132kV OHL to be Dismantled
- Existing 11kV OHL
- Existing 33kV OHL
- 6 km SLVIA Study Area
- 10 km SLVIA Cumulative Study Area
- Viewpoints
- Muaitheabhal East Extension
- Muaitheabhal South Extension

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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Project No: LT0245  
Project: Harris to Stornoway 132 kV OHL Replacement

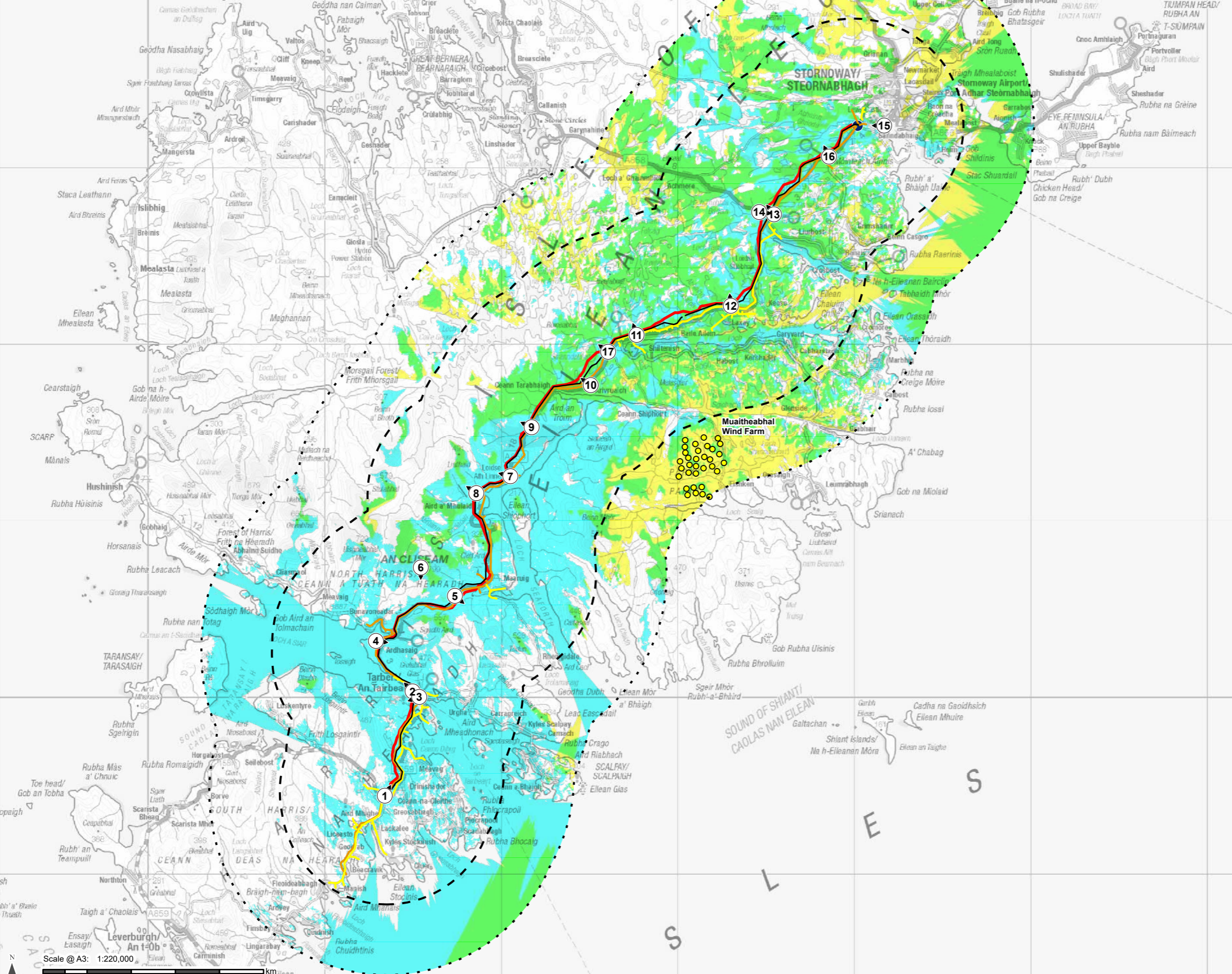
Title:  
Figure 6.6f:  
Cumulative ZTV - Proposed Alignment,  
Muaitheabhal East Extension and  
Muaitheabhal South Extension

Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6f\_CumuZTVMuaitEastANDSouth\_B

92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61

TRANSMISSION

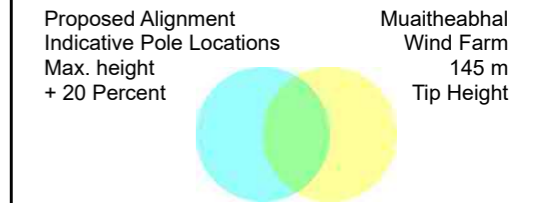


Scale @ A3: 1:220,000  
0 1.25 2.5 5 7.5 10 12.5 km

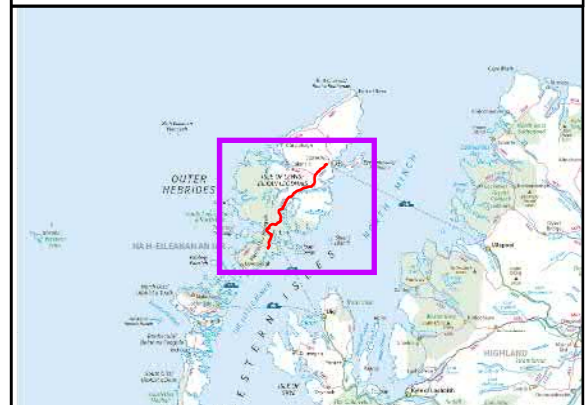
**Legend**

- Proposed Alignment
- Harris 132kV Grid Supply Point
- Stornoway Substation
- Existing 132kV OHL to be Dismantled
- Existing 11kV OHL
- Existing 33kV OHL
- 6 km SLVIA Study Area
- 10 km SLVIA Cumulative Study Area
- Viewpoints
- Muaitheabhal Wind Farm

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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Project No: LT0245  
Project: Harris to Stornoway 132 kV OHL Replacement

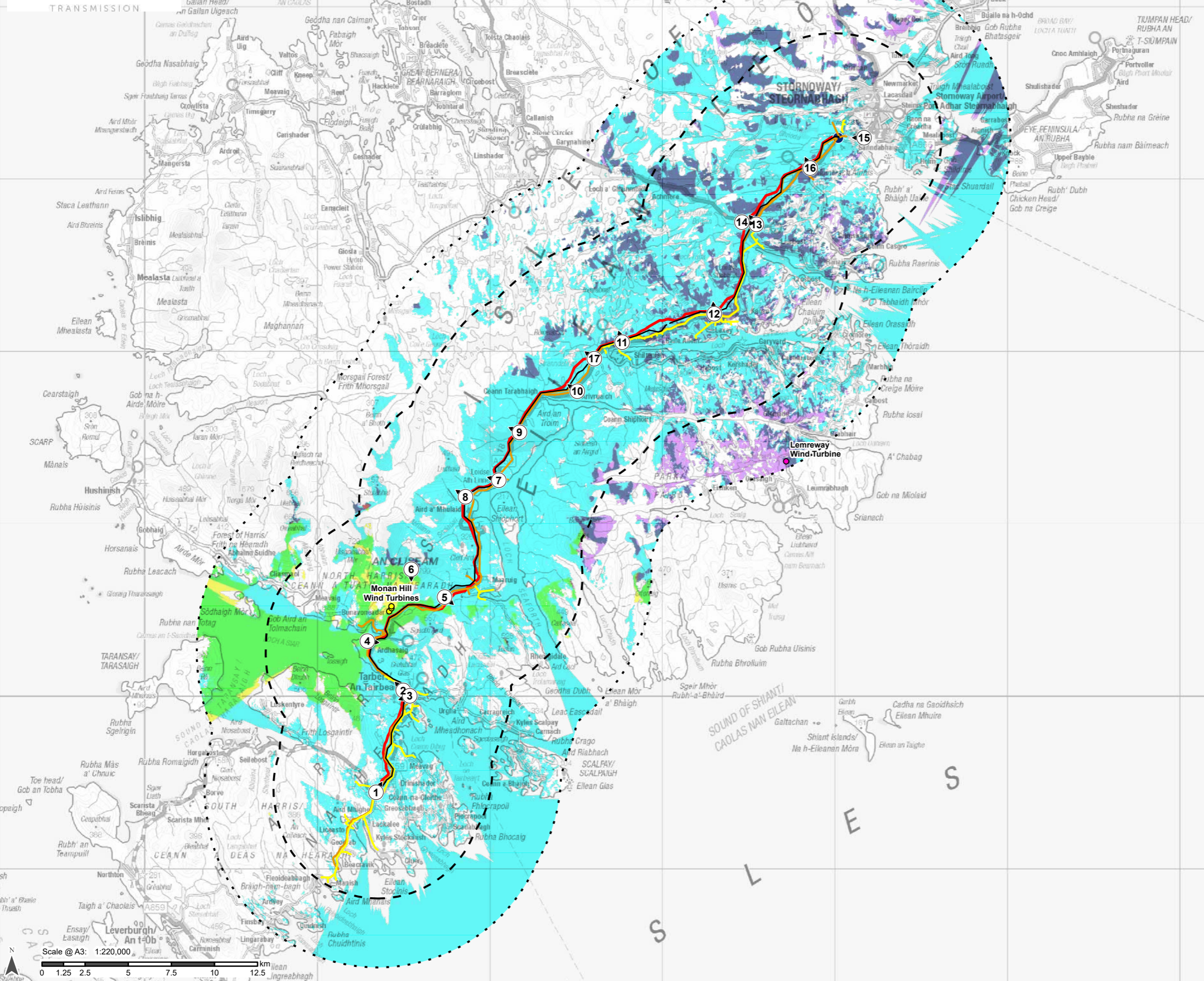
Title:  
Figure 6.6g:  
Cumulative ZTV - Proposed Alignment  
and Muaitheabhal Wind Farm

Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6g\_CumuZTVMuaitheabhal\_B



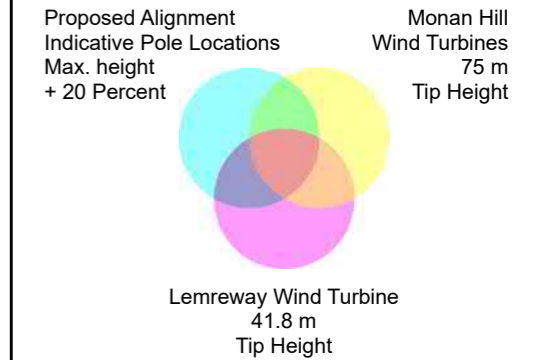
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**Legend**

- Proposed Alignment
- Harris 132kV Grid Supply Point
- Stornoway Substation
- Existing 132kV OHL to be Dismantled
- Existing 11kV OHL
- Existing 33kV OHL
- 6 km SLVIA Study Area
- 10 km SLVIA Cumulative Study Area
- Viewpoints
- Monan Hill Wind Turbines
- Lemreway Wind Turbine

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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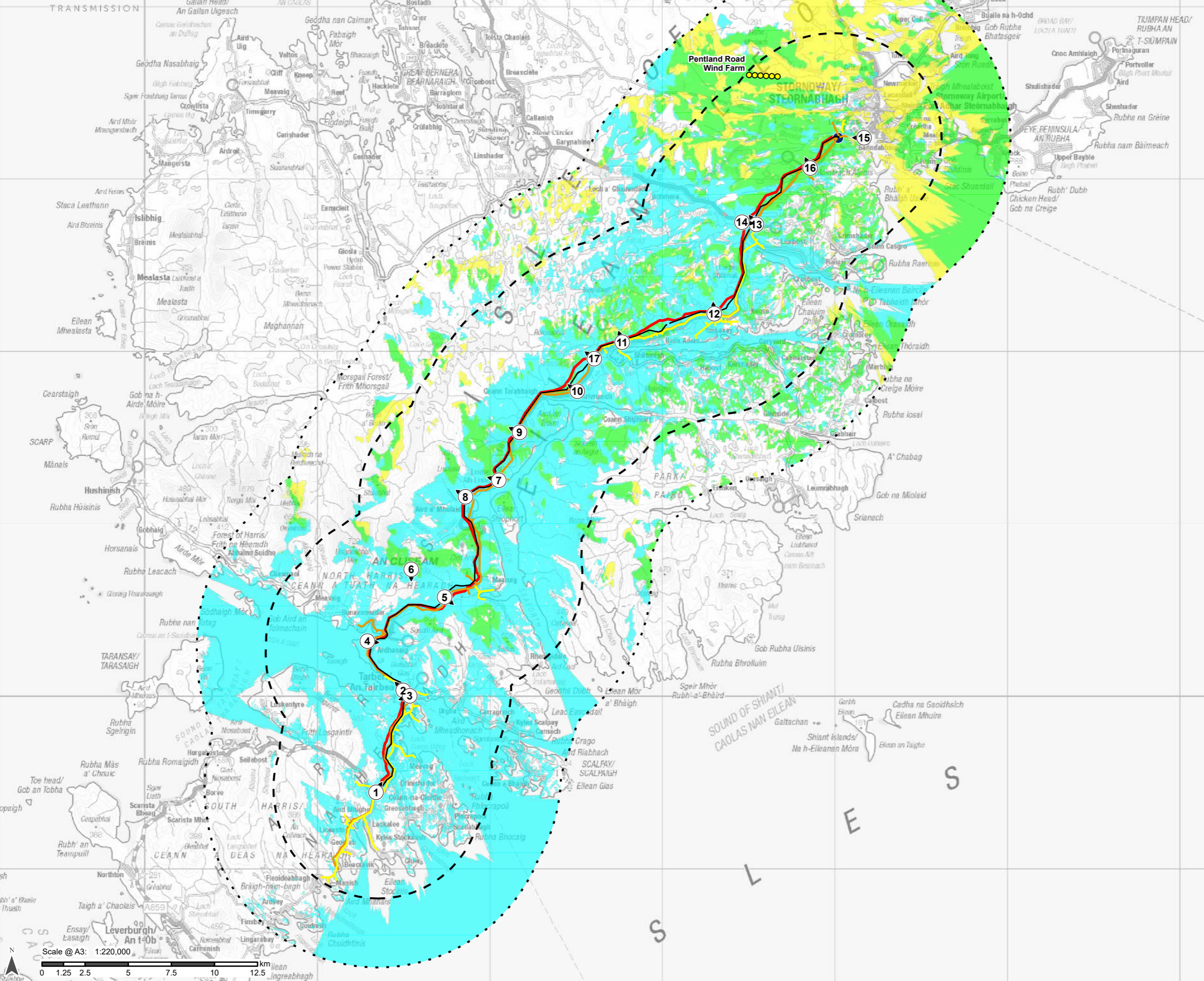
Title:  
Figure 6.6h:  
Cumulative ZTV - Proposed Alignment,  
Monan Hill Wind Turbines and  
Lemreway Wind Turbine

Drawn by: AB Date: 30/09/2022

Drawing: R162\_11469\_001\_Fig6-6h\_CumuZTVMonanANDLemre\_B

92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 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 58 59 60 61

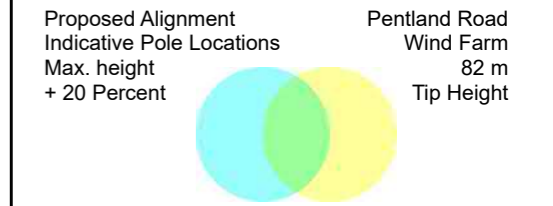
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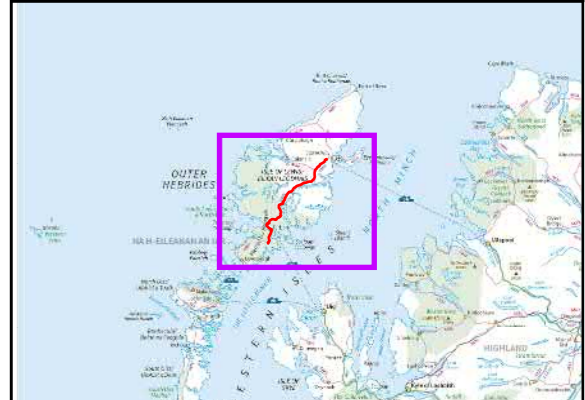
**Legend**

- Proposed Alignment
- Harris 132kV Grid Supply Point
- Stornoway Substation
- Existing 132kV OHL to be Dismantled
- Existing 11kV OHL
- Existing 33kV OHL
- 6 km SLVIA Study Area
- 10 km SLVIA Cumulative Study Area
- Viewpoints
- Pentland Road Wind Farm

**Zones of Theoretical Visibility**



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 5 DTM (50 DTM in outer parts of the 10 km SLVIA Cumulative Study Area) on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.



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Project No: LT0245  
Project: Harris to Stornoway 132 kV OHL Replacement

Title:  
Figure 6.6i:  
Cumulative ZTV - Proposed Alignment,  
and Pentland Road Wind Farm

Drawn by: AB Date: 13/10/2022

Drawing: R162\_11469\_001\_Fig6-6i\_CumuZTZPentland\_A

Scale @ A3: 1:220,000  
0 1.25 2.5 5 7.5 10 12.5 km