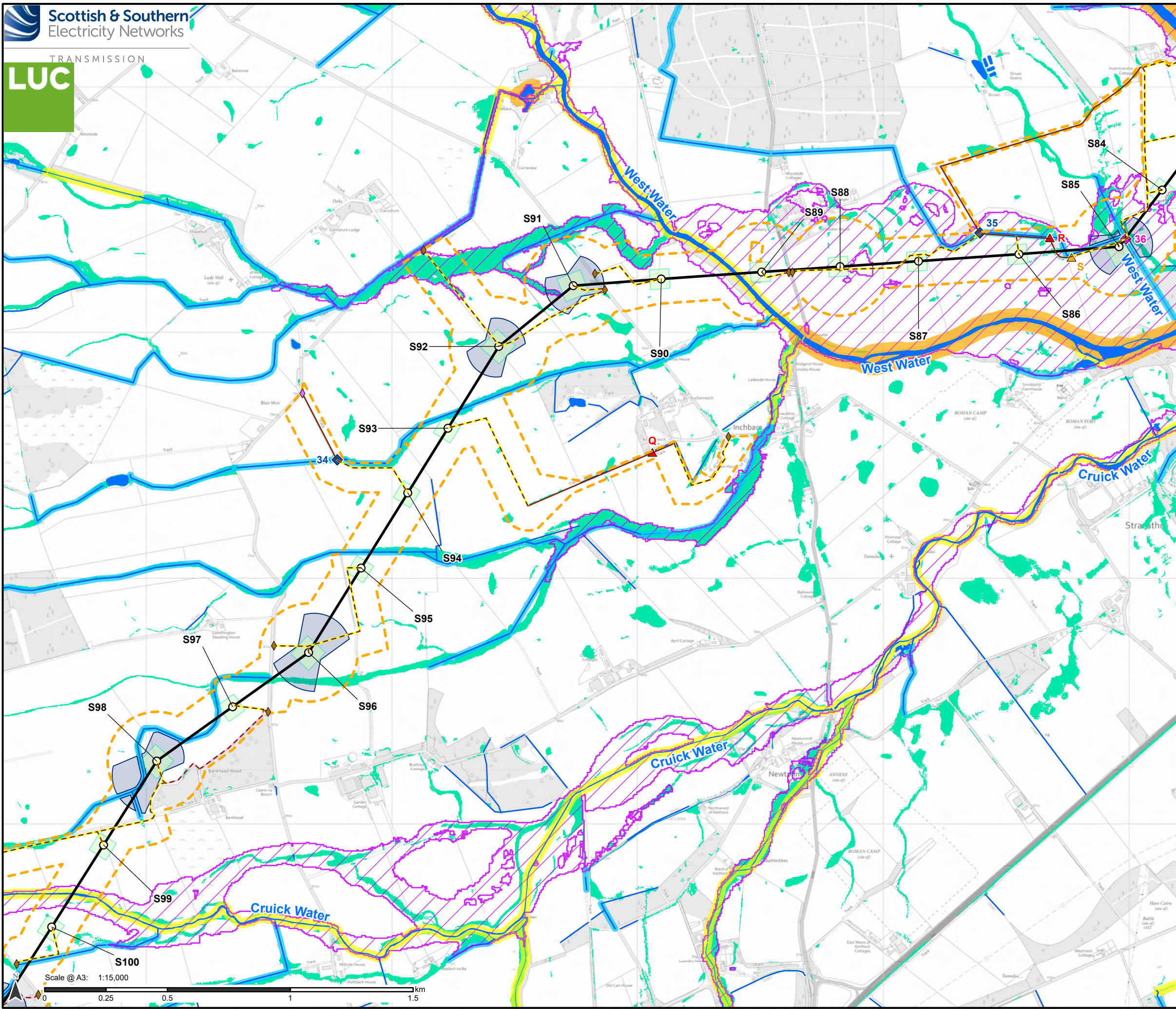




Proposed Development

- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

Access

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

Bellmouth type

- Proposed new
- Existing to be upgraded

Temporary working areas

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

Watercourse crossing/buffer encroachment

Crossing type and ID

- Existing
- Proposed

Buffer encroachment type and ID

- Permanent
- Temporary

Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer
- 30 m Buffer

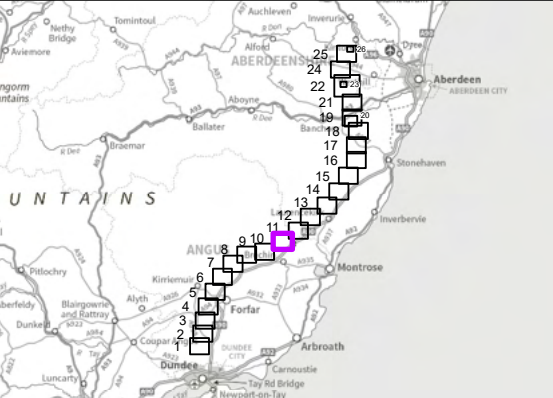
Flooding

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

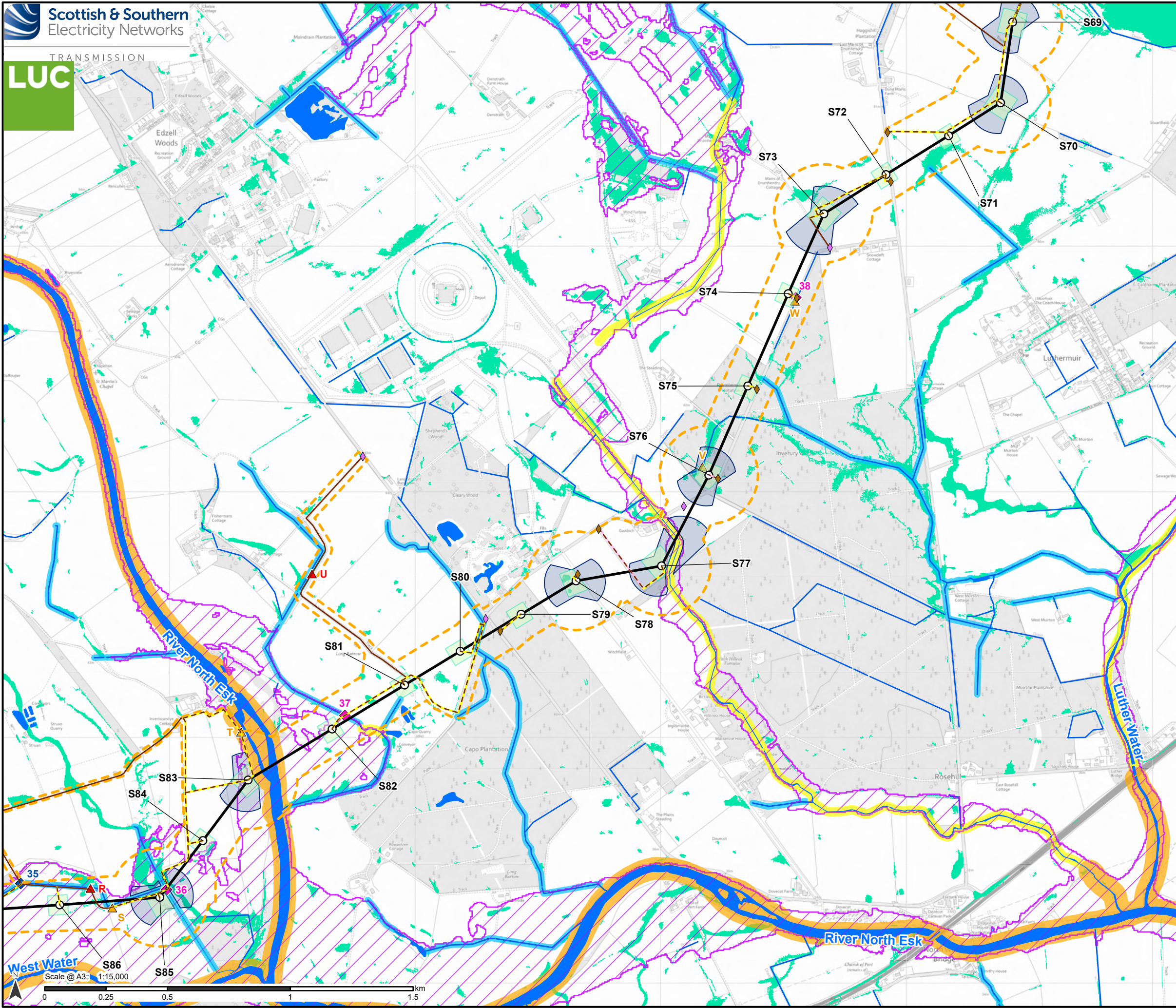
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Project No:	LT455
Project:	Kintore to Tealing 400 kV Overhead Line
Title:	Hydrology, Flood Risk and Buffers
Drawn by:	MS
Date:	22/08/2025
Drawing:	13.2.10



Proposed Development

- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

Access

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

Bellmouth type

- Proposed new
- Existing to be upgraded

Temporary working areas

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

Watercourse crossing/buffer encroachment

Crossing type and ID

- Existing
- Proposed

Buffer encroachment type and ID

- Permanent
- Temporary

Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer
- 30 m Buffer

Flooding

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 6, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

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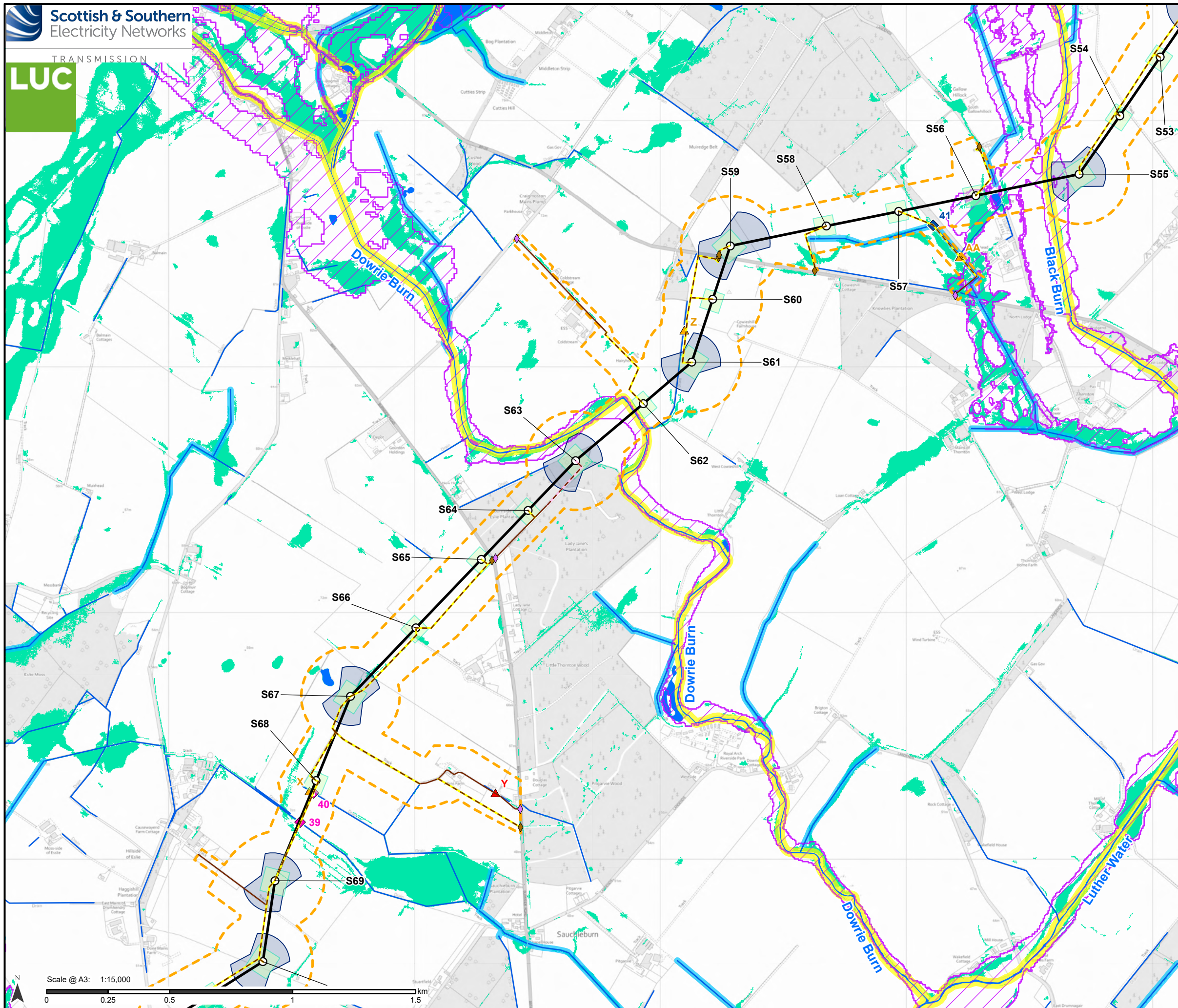
Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title: Hydrology, Flood Risk and Buffers

Drawn by: MS Date: 22/08/2025

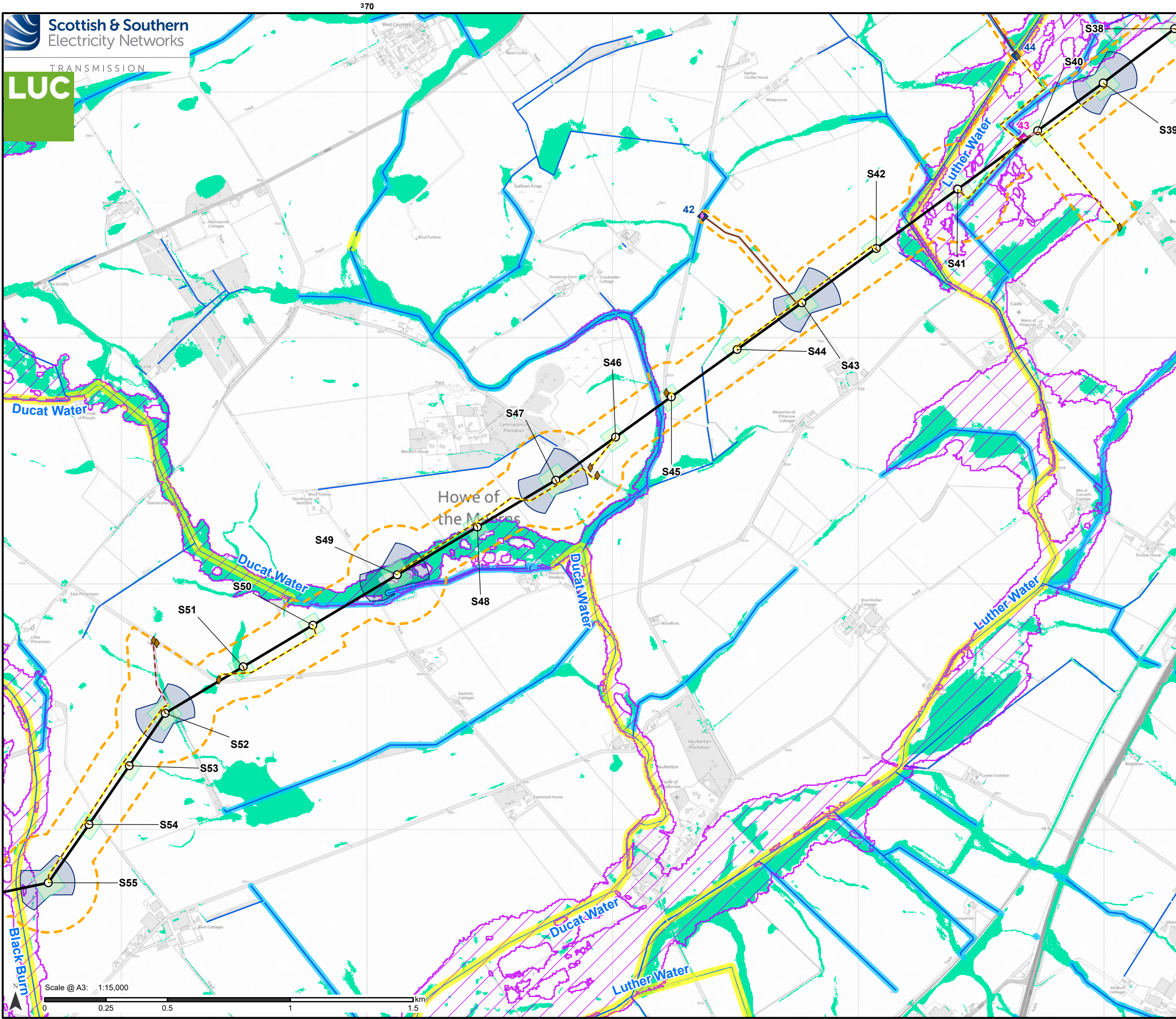
Drawing: 13.2.11



 Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding

 Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Drawing: 13.2.12

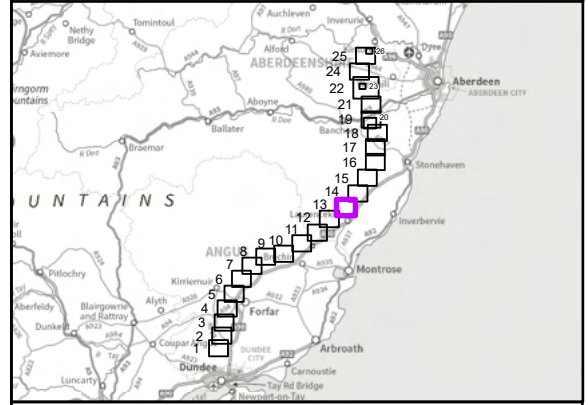


- Proposed Development**
- Tower Location and number
 - Proposed Alignment
 - - - Proposed Development Limit of Deviation (LOD)
- Access**
- Existing to be upgraded
 - - - Proposed new stone permanent
 - - - Proposed new stone temporary
- Bellmouth type**
- ◆ Proposed new
 - ◆ Existing to be upgraded
- Temporary working areas**
- Tower working area
 - Proposed conductor pulling area (Equipotential Zone (EPZ))
- Watercourse crossing/buffer encroachment**
- Crossing type and ID
- ◆ Existing
 - ◆ Proposed
- Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**
- Ordnance Survey watercourse lines and surface water areas
 - 10 m Buffer
 - 15 m Buffer
- Flooding**
- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
 - Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 6, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

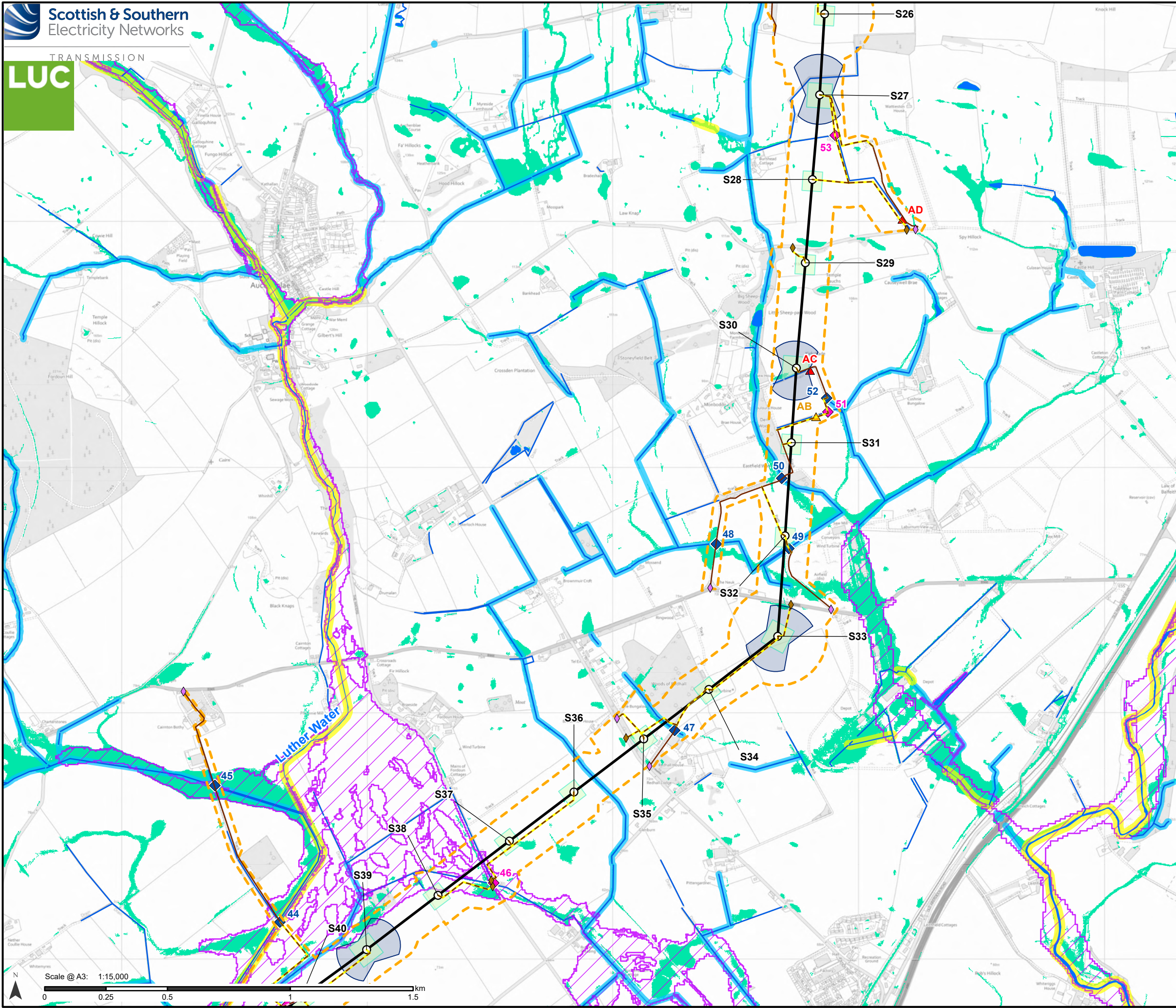
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Title:	Hydrology, Flood Risk and Buffers
Drawn by:	MS
Date:	22/08/2025
Drawing:	13.2.13



Proposed Development

- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

Access

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

Bellmouth type

- Proposed new
- Existing to be upgraded

Temporary working areas

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

Watercourse crossing/buffer encroachment

Crossing type and ID

- Existing
- Proposed

Buffer encroachment type and ID

- Permanent
- Temporary

Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer

Flooding

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 6, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

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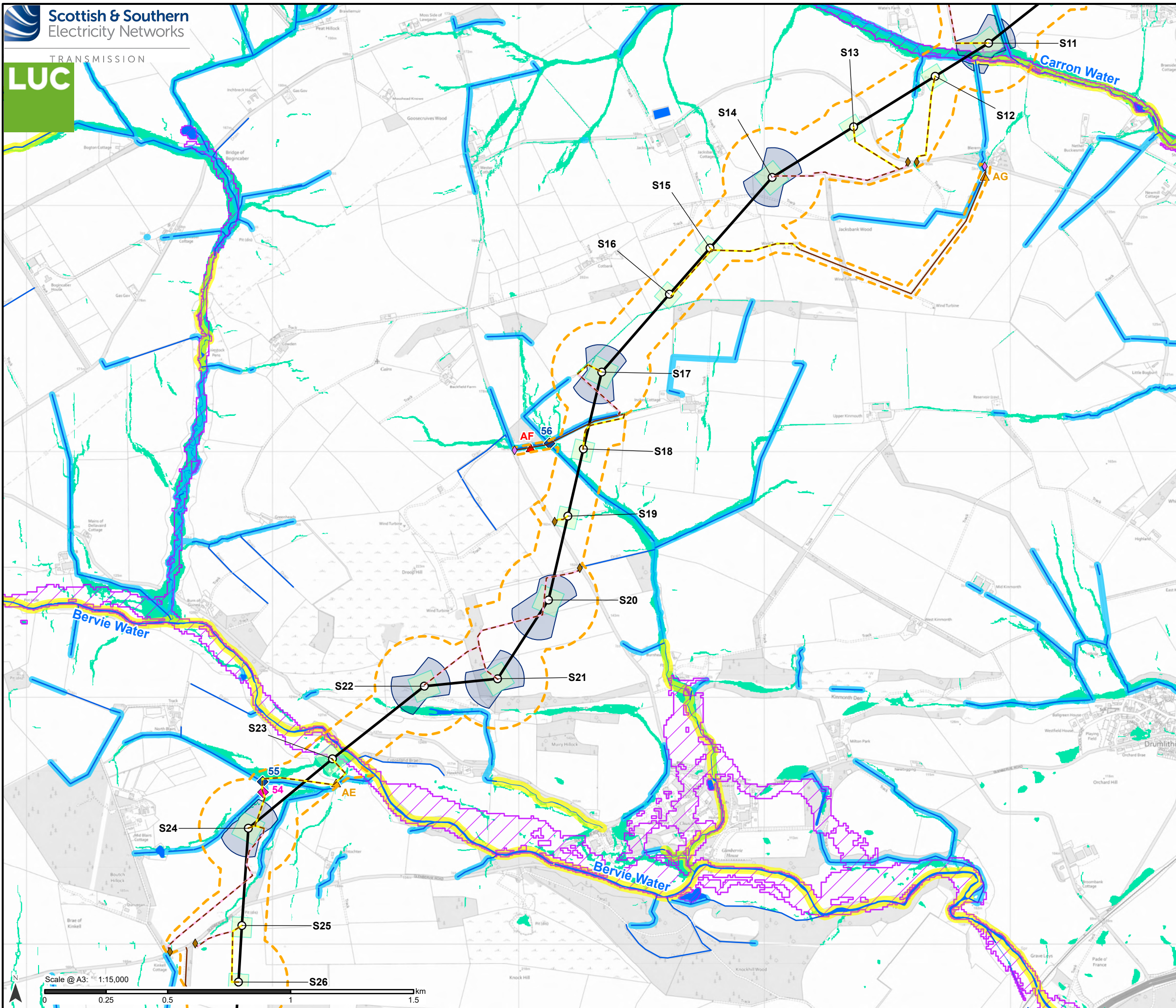
Project: Kintore to Tealing 400 kV Overhead Line

Title: Hydrology, Flood Risk and Buffers

Drawn by: MS

Date: 22/08/2025

Drawing: 13.2.14

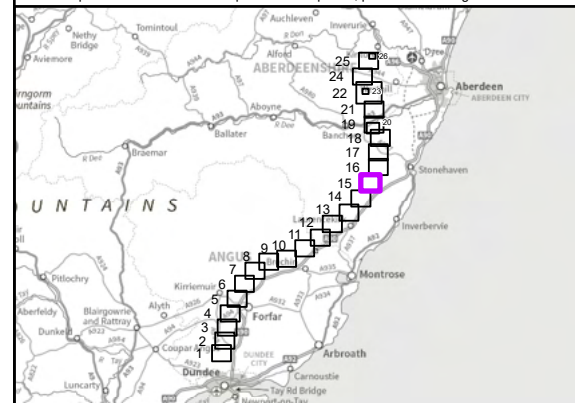


- Proposed Development**
- Tower Location and number
 - Proposed Alignment
 - - - Proposed Development Limit of Deviation (LOD)
- Access**
- Existing to be upgraded
 - - - Proposed new stone permanent
 - - - Proposed new stone temporary
- Bellmouth type**
- ◆ Proposed new
 - ◆ Existing to be upgraded
- Temporary working areas**
- Tower working area
 - Proposed conductor pulling area (Equipotential Zone (EPZ))
- Watercourse crossing/buffer encroachment**
- Crossing type and ID
- ◆ Existing
 - ◆ Proposed
- Buffer encroachment type and ID
- ▲ Permanent
 - ▲ Temporary
- Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**
- Ordnance Survey watercourse lines and surface water areas
 - 10 m Buffer
 - 15 m Buffer
- Flooding**
- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
 - Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

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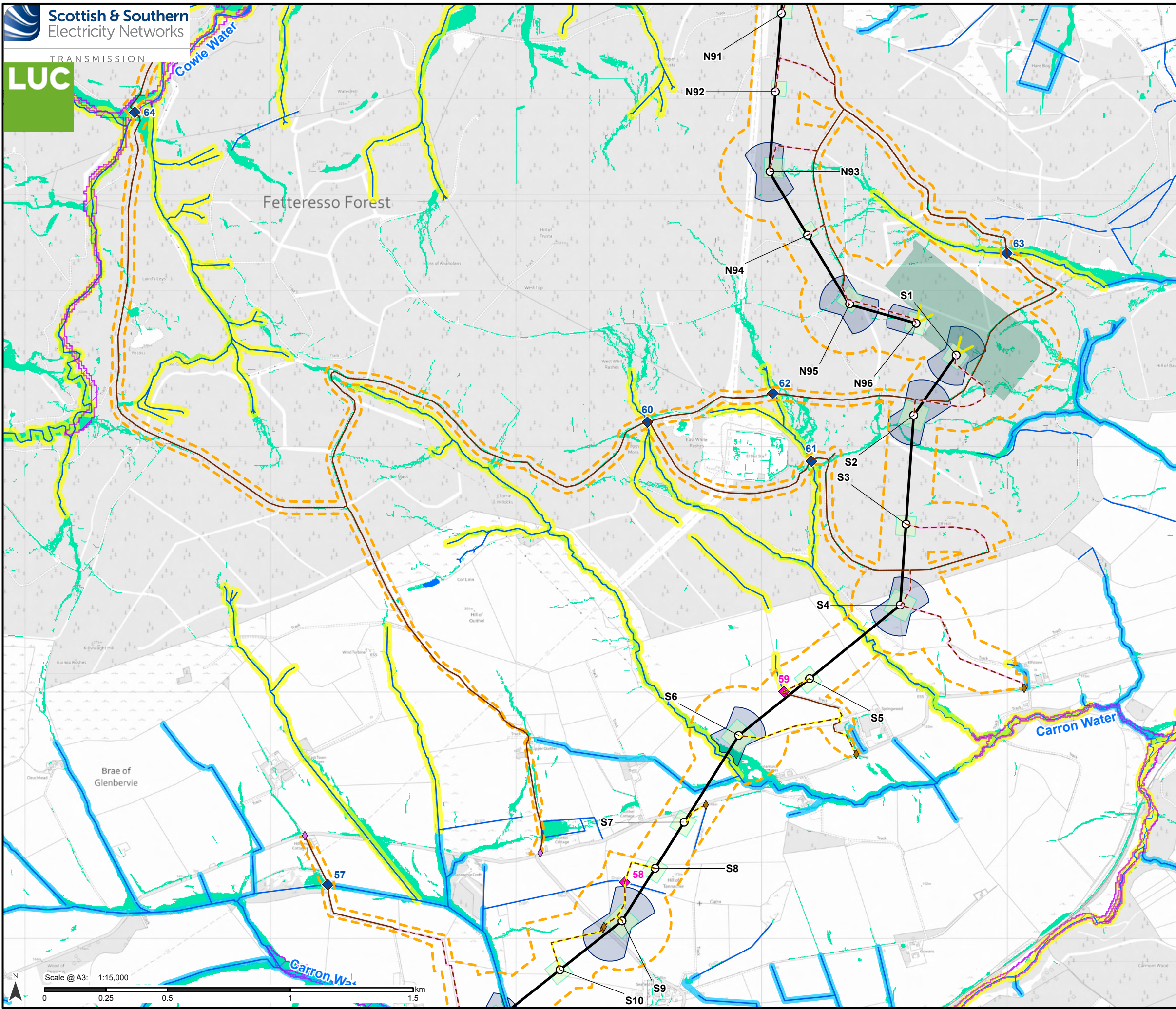
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Project No: LT455
Project: Kintore to Tealing 400 kV Overhead Line

Title:
Hydrology, Flood Risk and Buffers

Drawn by: MS Date: 22/08/2025

Drawing: 13.2.15

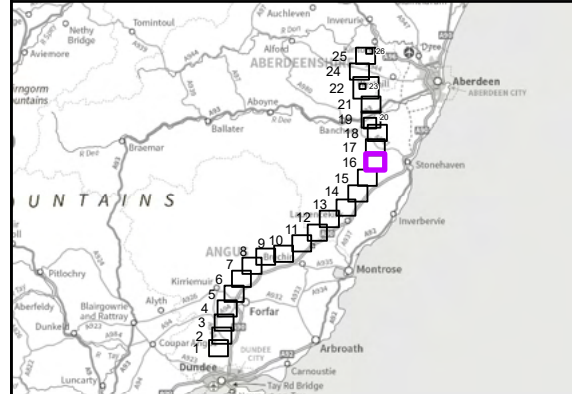


- Proposed Development**
- Tower Location and number
 - Proposed Alignment
 - Download
 - - - Proposed Development Limit of Deviation (LOD)
- Access**
- - - Existing to be upgraded
 - - - Proposed new stone permanent
 - - - Proposed new stone temporary
- Bellmouth type**
- ◆ Proposed new
 - ◆ Existing to be upgraded
- Temporary working areas**
- Tower working area
 - Proposed conductor pulling area (Equipotential Zone (EPZ))
- Intra (Associated) Developments**
- Proposed Hurlie 400 kV substation (Aberdeenshire Council Reference APP/2024/1951)
- Watercourse crossing/buffer encroachment**
- Crossing type and ID
- ◆ Existing
 - ◆ Proposed
- Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**
- Ordnance Survey watercourse lines and surface water areas
 - 10 m Buffer
 - 15 m Buffer
- Flooding**
- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
 - Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

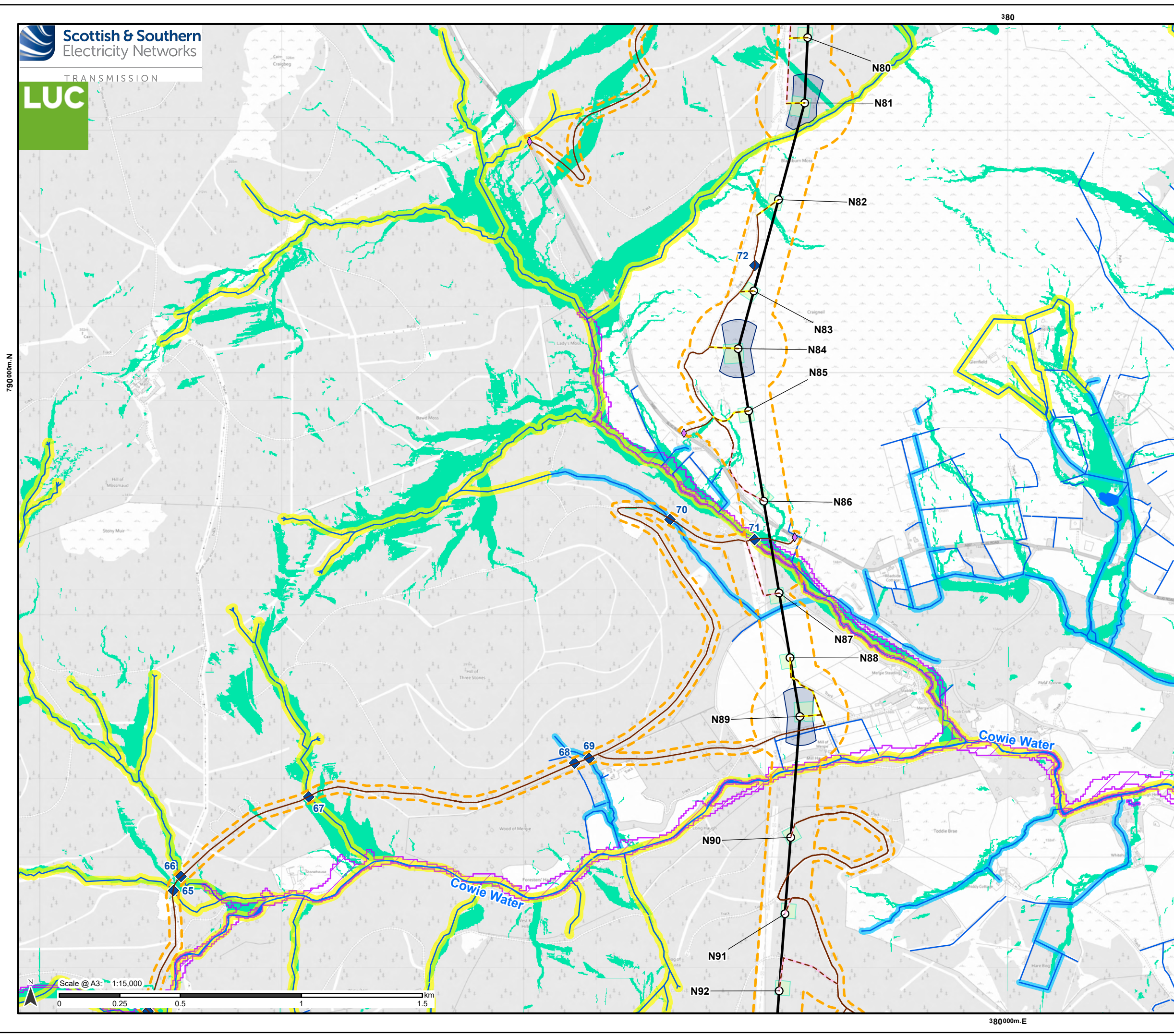
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Drawing:	13.2.16



Proposed Development

- Tower Location and number
- Proposed Alignment
- - - Proposed Development Limit of Deviation (LOD)

Access

- Existing to be upgraded
- - - Proposed new stone permanent
- - - Proposed new stone temporary

Bellmouth type

- ◇ Existing to be upgraded

Temporary working areas

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

Watercourse crossing/buffer encroachment

Crossing type and ID

- ◆ Existing

Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer

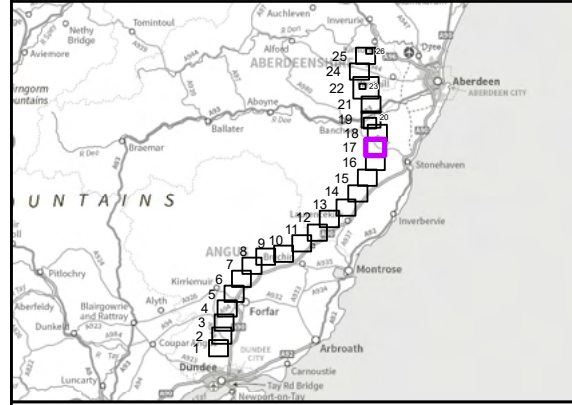
Flooding

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

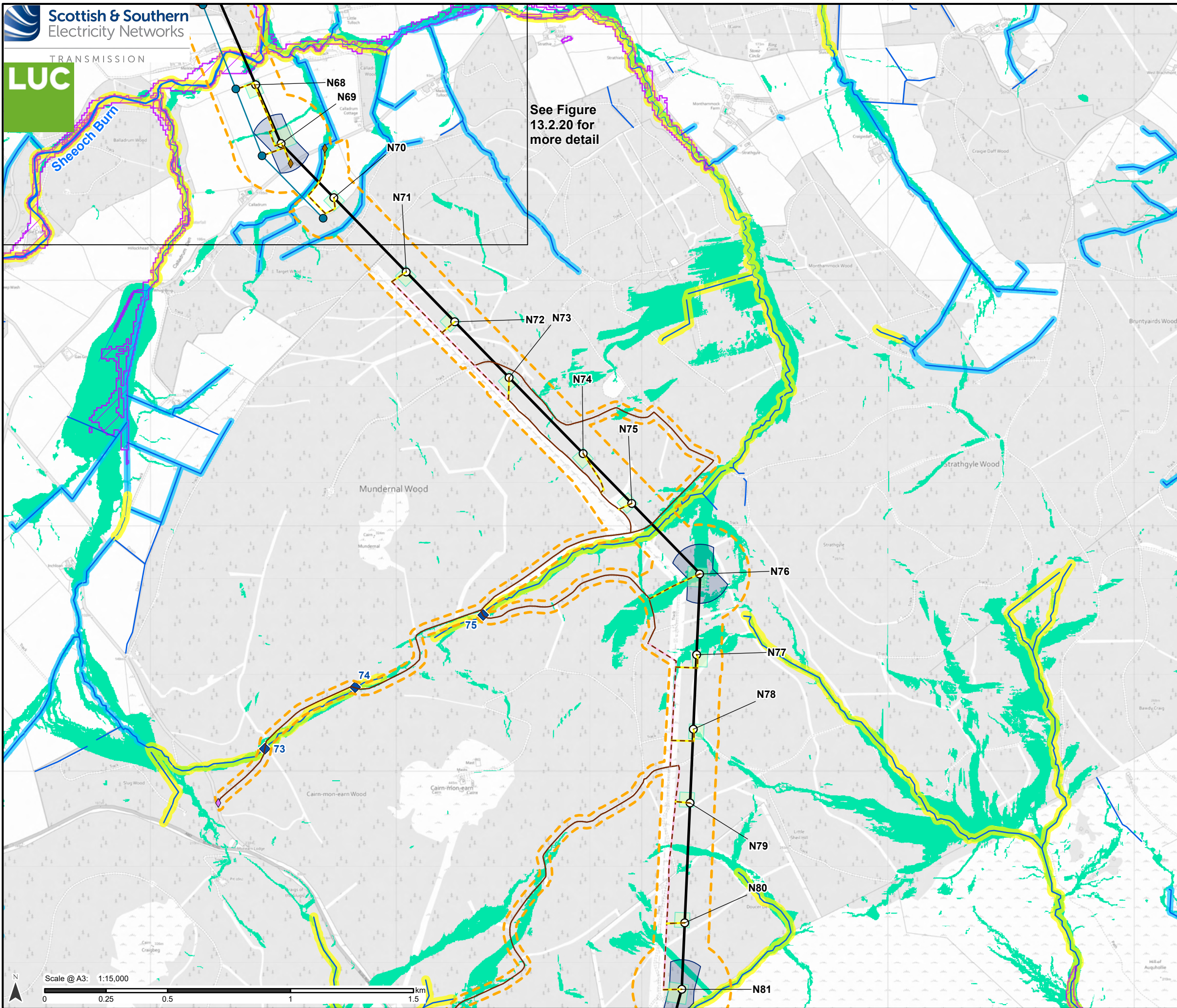
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Drawing:	13.2.17

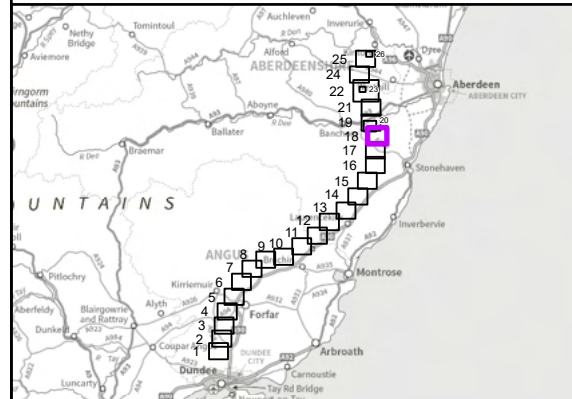


- Proposed Development**
- Tower Location and number
 - Proposed Alignment
 - - - Proposed Development Limit of Deviation (LOD)
- Access**
- Existing to be upgraded
 - - - Proposed new stone permanent
 - - - Proposed new stone temporary
- Bellmouth type**
- ◆ Proposed new
 - ◆ Existing to be upgraded
- Temporary working areas**
- Tower working area
 - Proposed conductor pulling area (Equipotential Zone (EPZ))
- Additional development included in Section 37 application: Kintore - Fetteresso 275 kV/400 kV Overhead Line Realignment**
- Existing tower position reconductoring
 - Temporary diversion overhead line
 - Existing overhead line to be retained
- Watercourse crossing/buffer encroachment**
- Crossing type and ID
- ◆ Existing
- Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**
- Ordnance Survey watercourse lines and surface water areas
 - 10 m Buffer
 - 15 m Buffer
- Flooding**
- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
 - Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment. Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

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