

Birnam to Logierait Replacement Gas Main

Twenty four hours a day, seven days a week, 365 days a year, our teams are working behind the scenes and out on the streets to keep you safe and the gas flowing to 5.9 million homes and businesses across Scotland and the south of England.

We're committed to keeping all our customers safe and to ensure our network is fully maintained. The UK gas industry has one of the best safety records in the World and we are very proud of that fact.

Background

We currently planning for the construction of a new 15.5 km, intermediate pressure pipeline between Birnam and the existing Logierait transmission regulator station (TRS). The project includes the installation of a new District Governor (DG) on park land between the Royal School of Dunkeld and Bridge Street (A923) and the construction of a new TRS on land to the southeast of Birnam, which will replace the Logierait TRS.

The proposed District Governor is on land adjacent to the route of the new pipeline, and close to the tie-in point to the low pressure network, at the junction of Bridge Street and School Lane (45m to the north), which feeds the supply into Dunkeld.

The original proposed location for the TRS was further to the southeast, adjacent to the sewage works. Further survey work however showed that site to be located within the functional flood plain which presented operational challenges. This revised location for the TRS and associated works, is therefore considered to be the best alternative location on the existing pipeline route.

District Governor

The District Governor Kiosk would be located below ground, with above ground associate apparatus required to facilitate this and an adjacent car parking space on the grass. The original intention was to install the Kiosk above ground (3m wide x 2m deep and 2.5 m high) (15 sq m) the decision was however taken to locate the Kiosk below ground in the interests of the visual amenity of park and the surrounding area. The below ground installation requires a separate Data Logger Cabinet, vent stack and solar panel column adjacent to the DG.

The proposed off street car parking space for SGN engineers to use during inspections would require an application for a new vehicle crossing over a footway and planning permission because it would also be outwith the scope of permitted development.

TRS

The proposal is for the new TRS, private access track, fencing and landscape planting to be located in a field to the east of the Perth Road (A923) and approximately 100 m to the southeast of Torlee Road. It would be accessed via a new field access point off Torlee Road and a new 100 m private access track formed through the field to the TRS site. The first 6 metres of the track would be tarmac to prevent loose material falling onto Torlee Road. The remaining section of the track would be formed of crushed stone/gravel. The track would provide vehicle access to the site for maintenance as required, which would normally be 2-3 times a year.

A post and wire fence (1 metre high) and gate would separate the private track and turning areas from the adjacent field. A metal security fence (2.4 metres high) would surround the TRS compound itself. Within the compound there would be an above ground kiosk (2.21m wide x 4.9m length x 2.4m high). The other apparatus within the TRS would be for controlling or varying the pressure, flow or volume of gas.

Landscape Planting

The TRS compound would be screening by proposed planting from the neighbouring residential properties in Torlee Road to the northwest; Perth Road to the west and southwest; and the River Tay footpath to the east. This would be formed of a native oak/birch woodland mix which is considered by Scottish Forestry to be very suitable for this area. The mix would include Sessile oak with downy birch, rowan, Hazel, bird cherry and hawthorn. This mix mimics the natural woodland type as well as tying in with trees which are locally prominent to the area around the site.

Standard trees would provide good screening at an early stage, as well as giving a start to encouraging a natural ecological cycle. All planting would be to a native woodland standard of 1600 trees/hectare at 2.5m spacing. Oak planting would give a minimum 6m buffer to powerlines and the existing water main. With birch, hazel, rowan and bird cherry given 3m buffer. Trees will be interspersed with both heathers and blaeberry to provide appropriate ground vegetation.

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Gas Main Route Maps

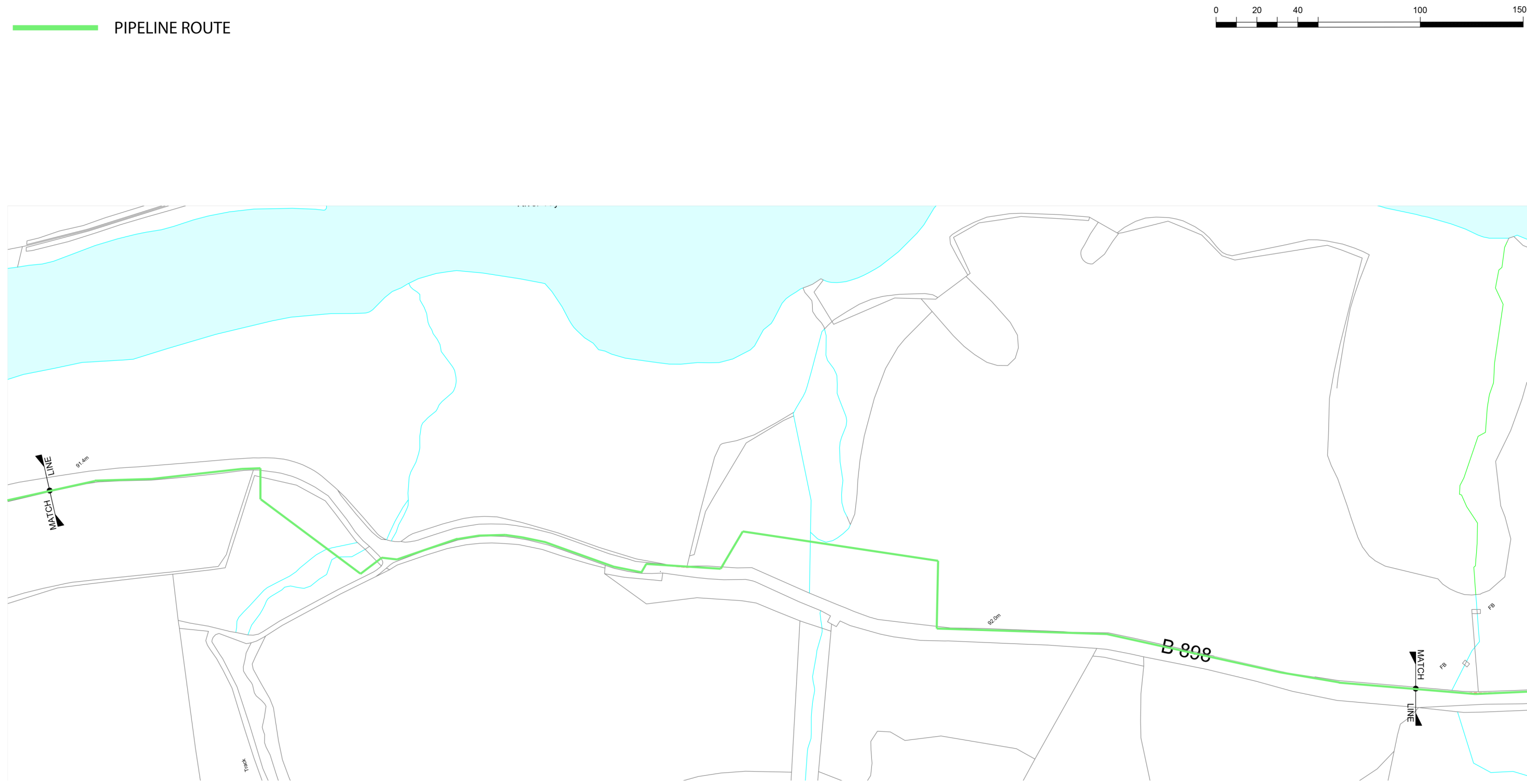
By the end of 2023, SGN plan to have completed the construction and commissioning of the new transmission regulator station (TRS), district governor (DG) and intermediate pressure (IP) gas main up to the A923 in Little Dunkeld. The remainder of the new IP gas main between Little Dunkeld and Logierait will be built and commissioned by the end of 2024.

The following maps give the planned route for the IP gas main.

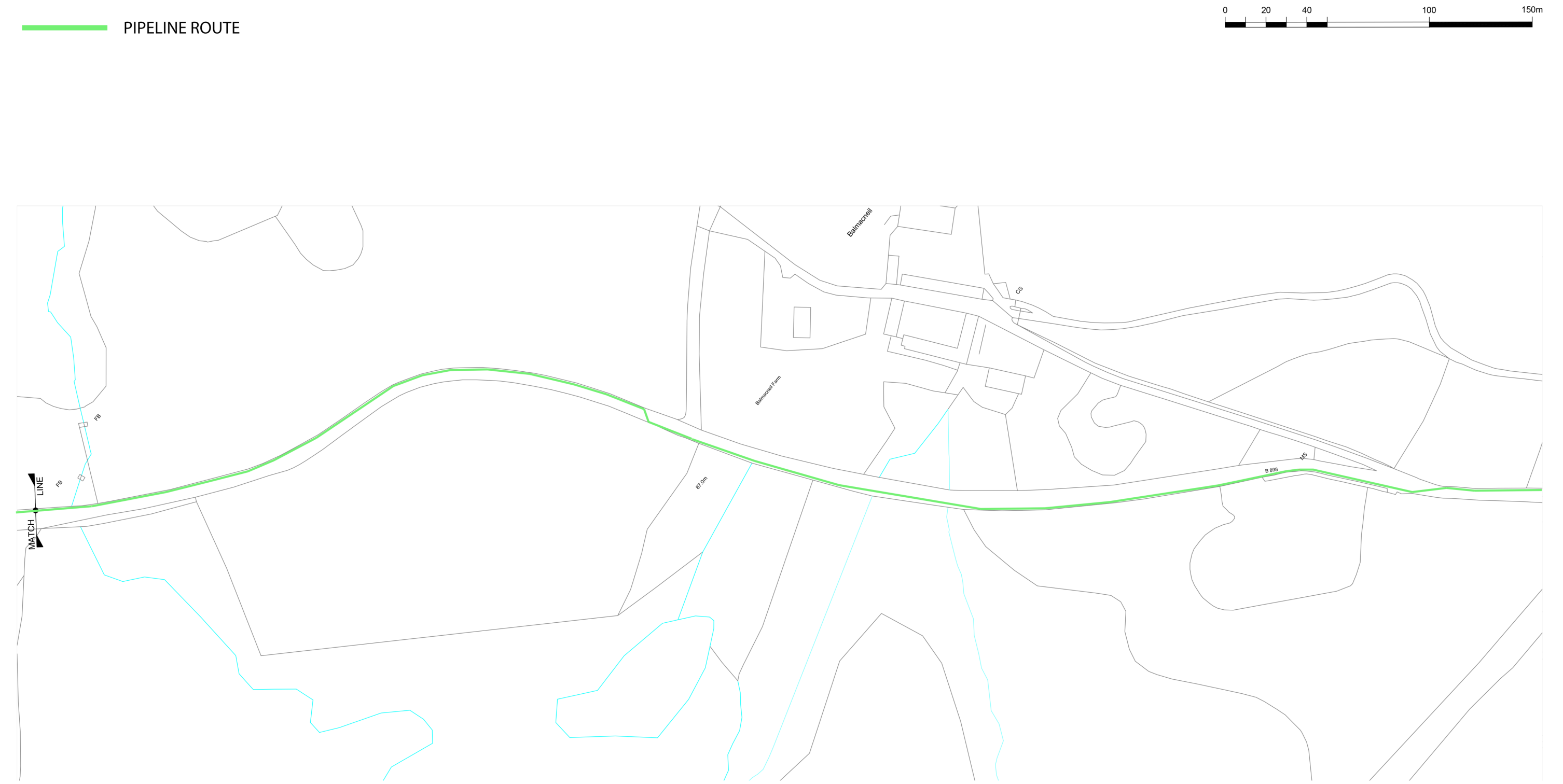
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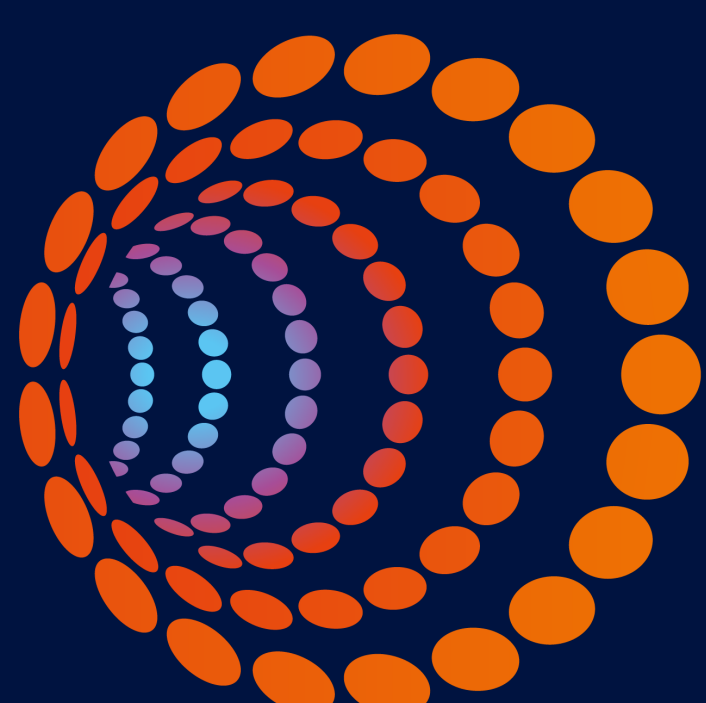
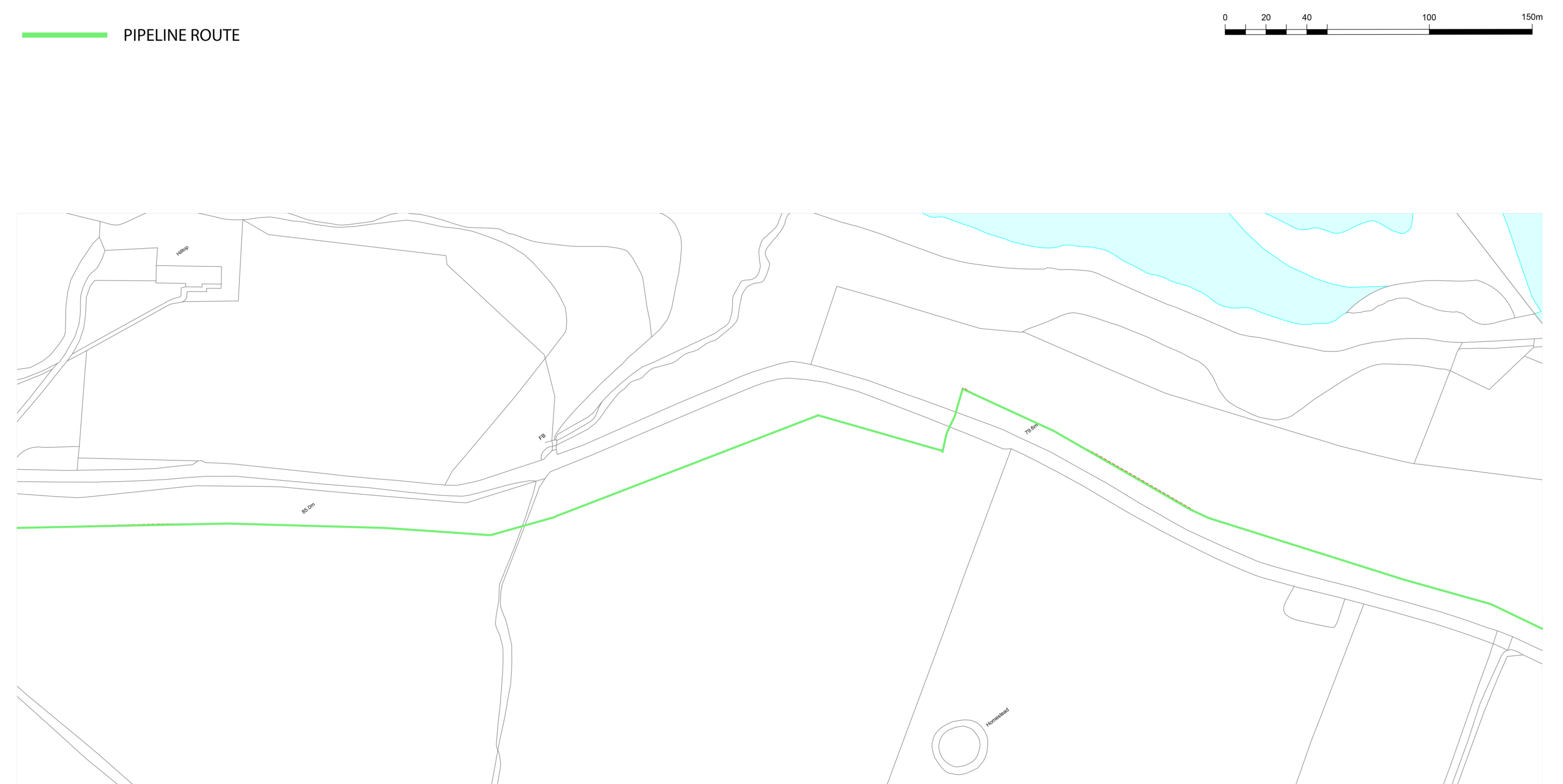
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Gas Main Route Maps

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PIPELINE ROUTE



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PIPELINE ROUTE



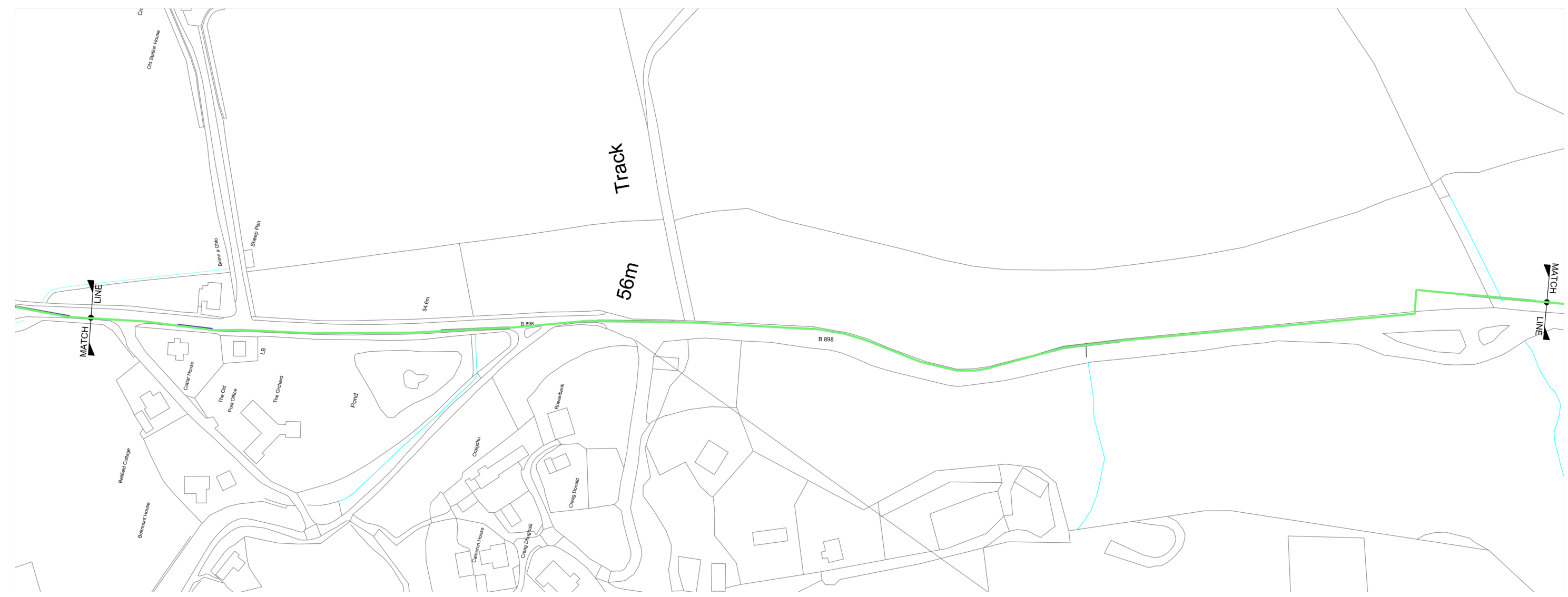
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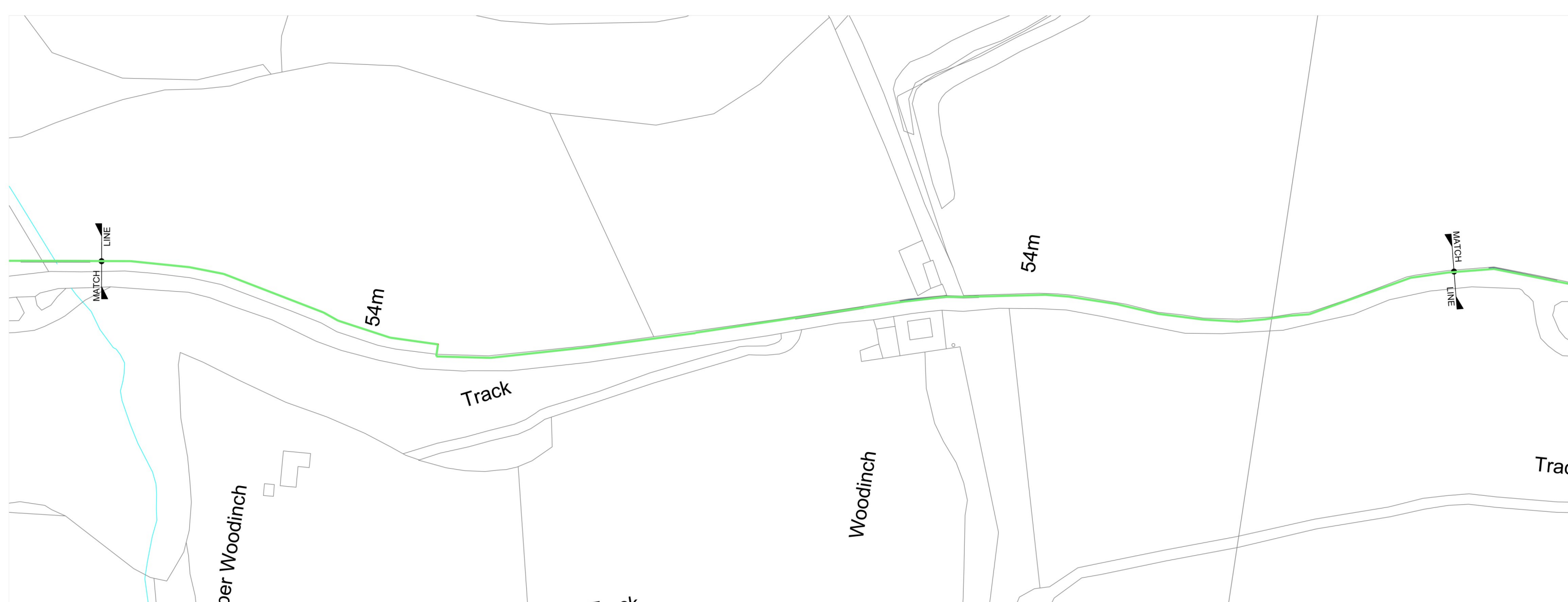
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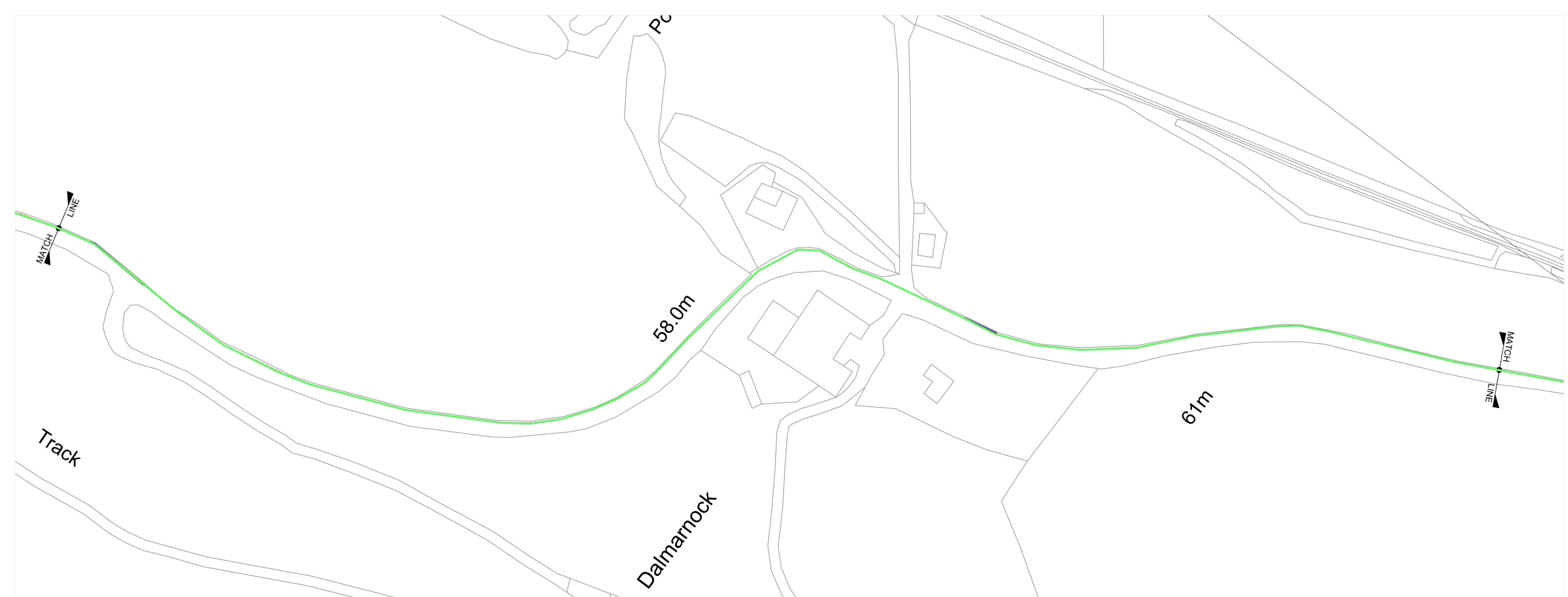
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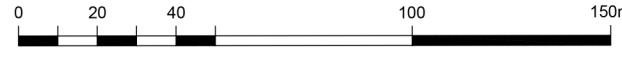
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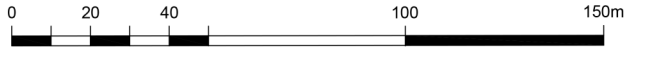
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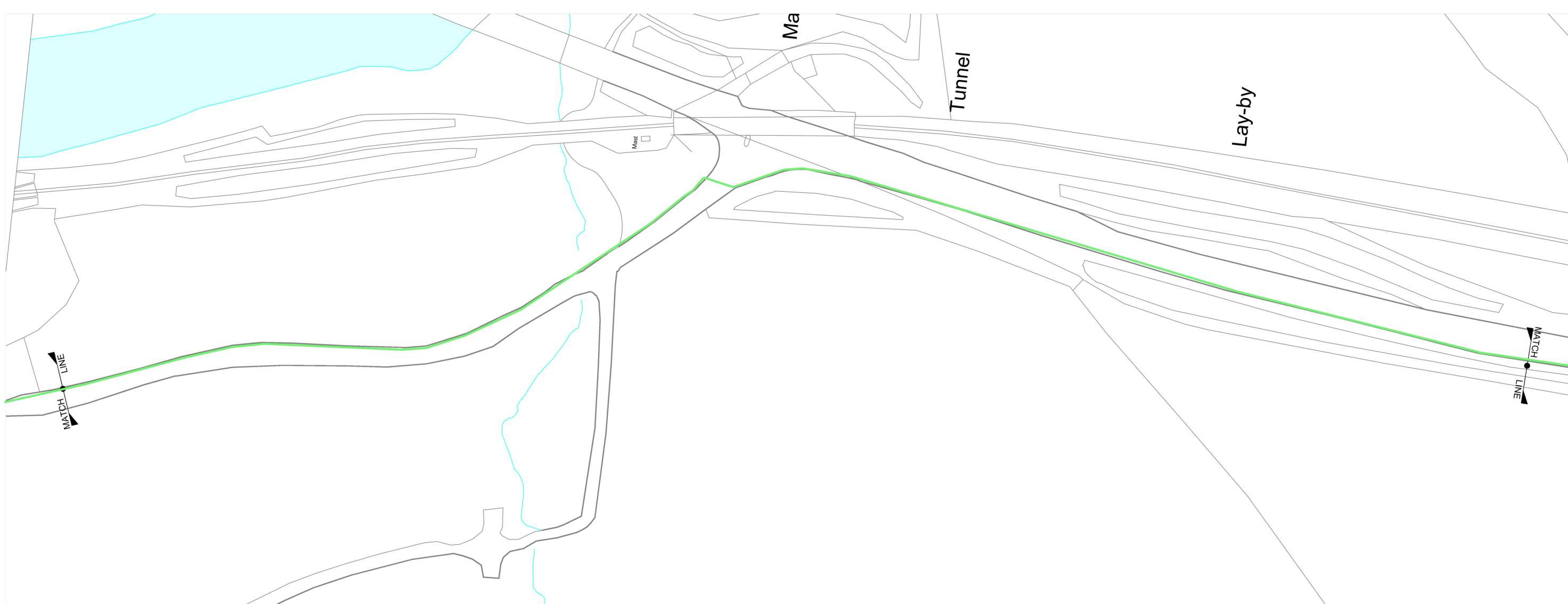
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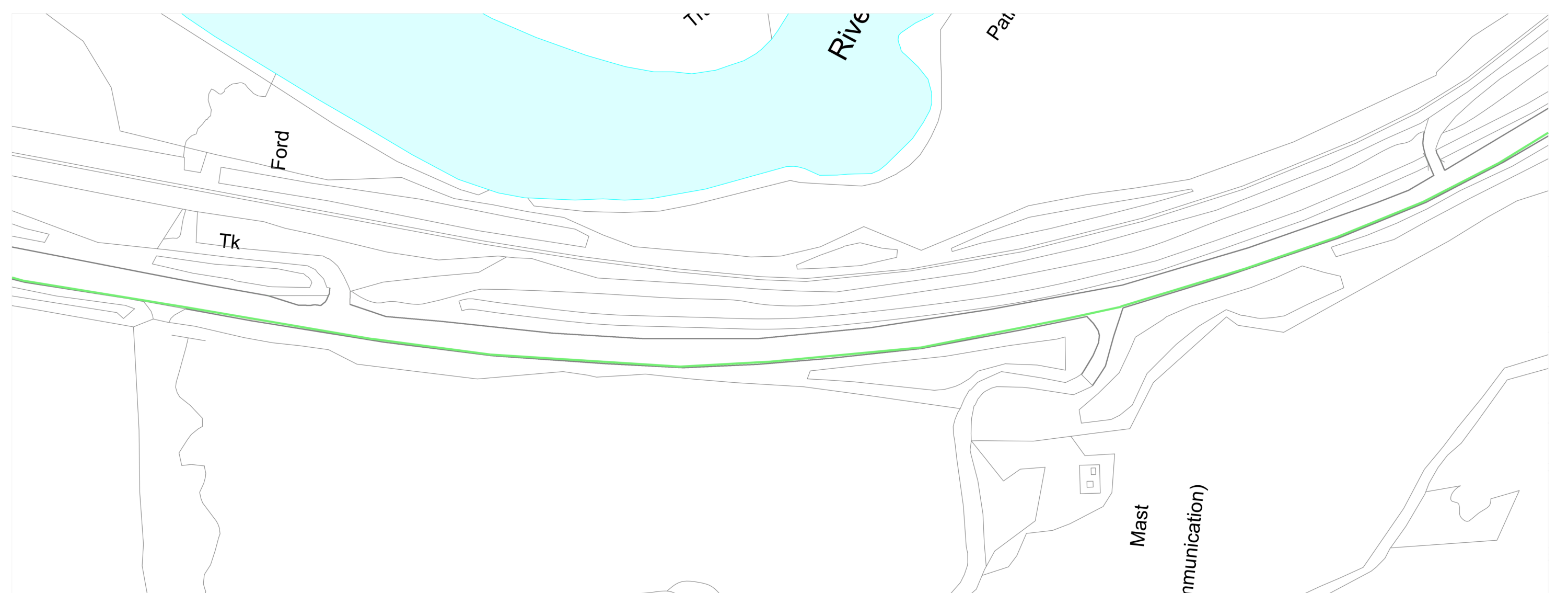
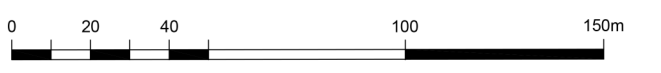
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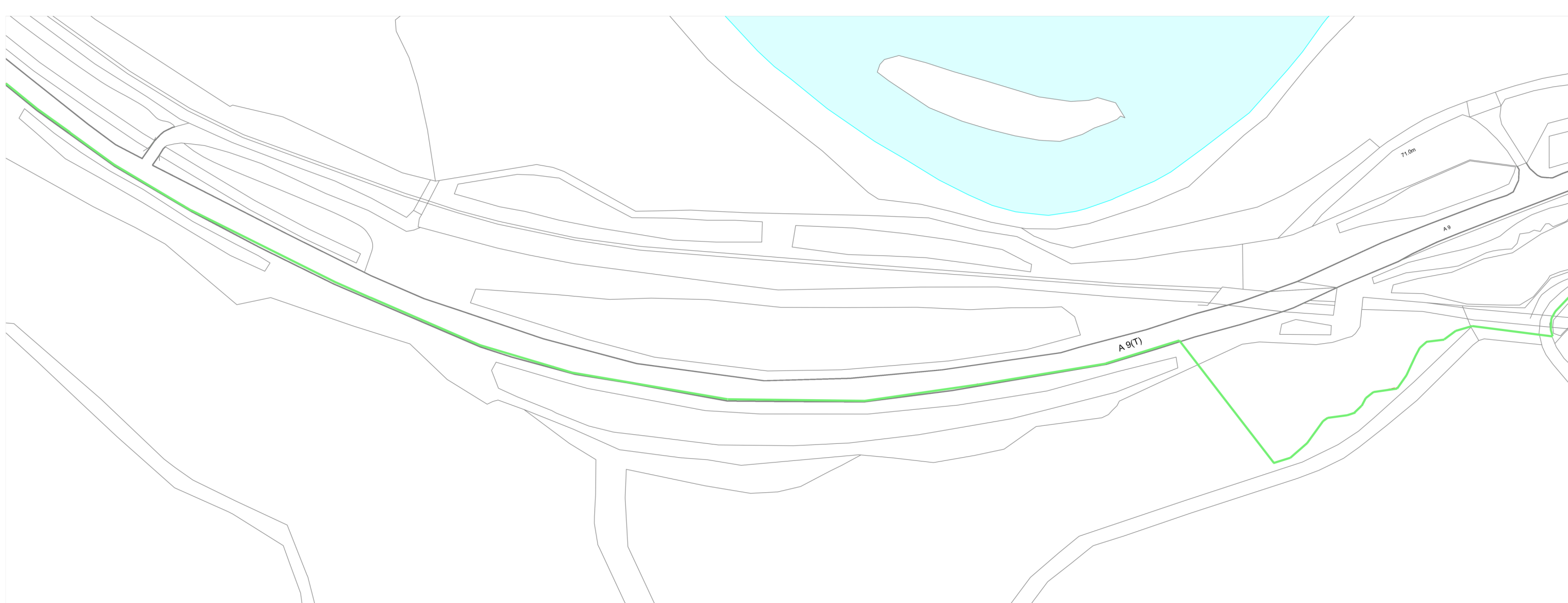
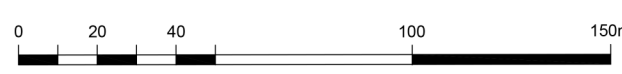
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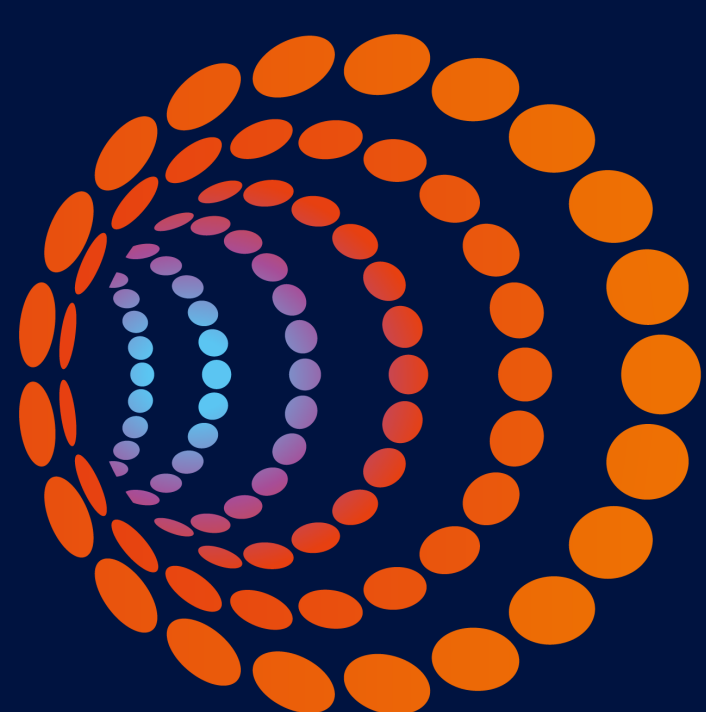
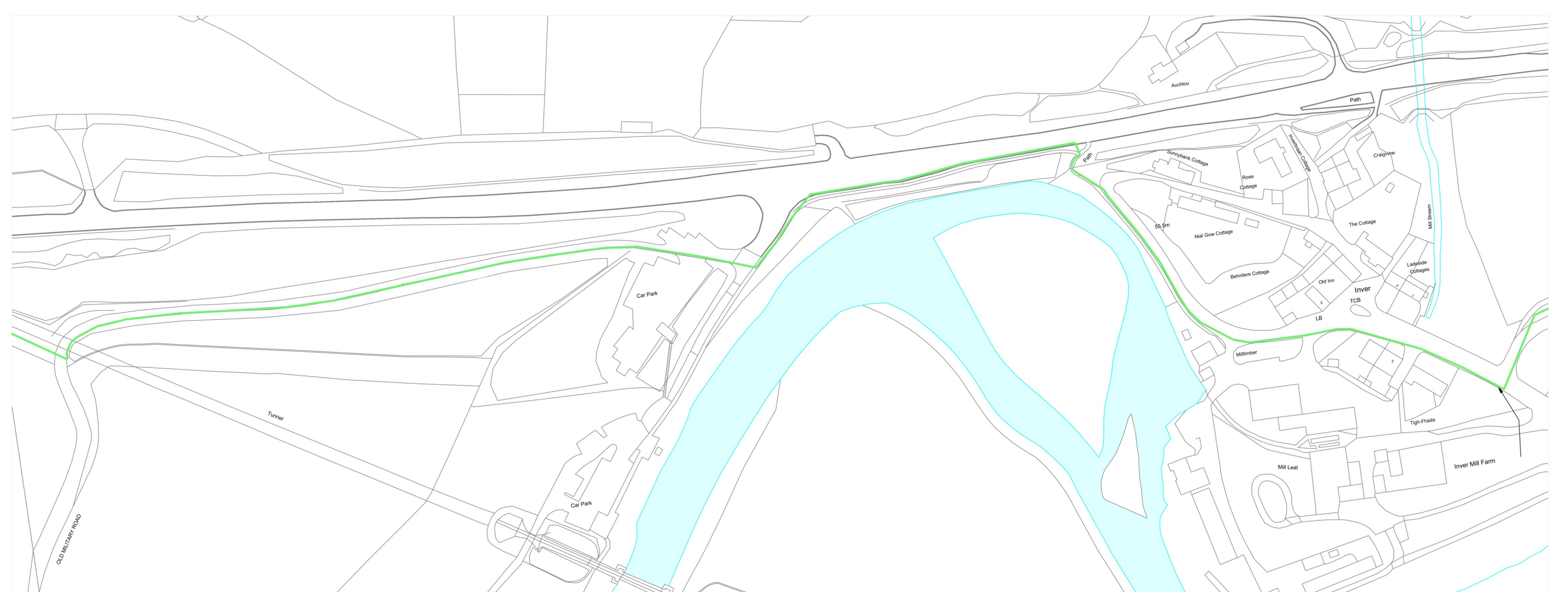
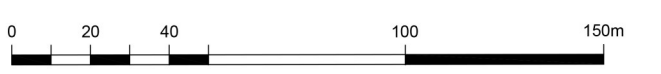
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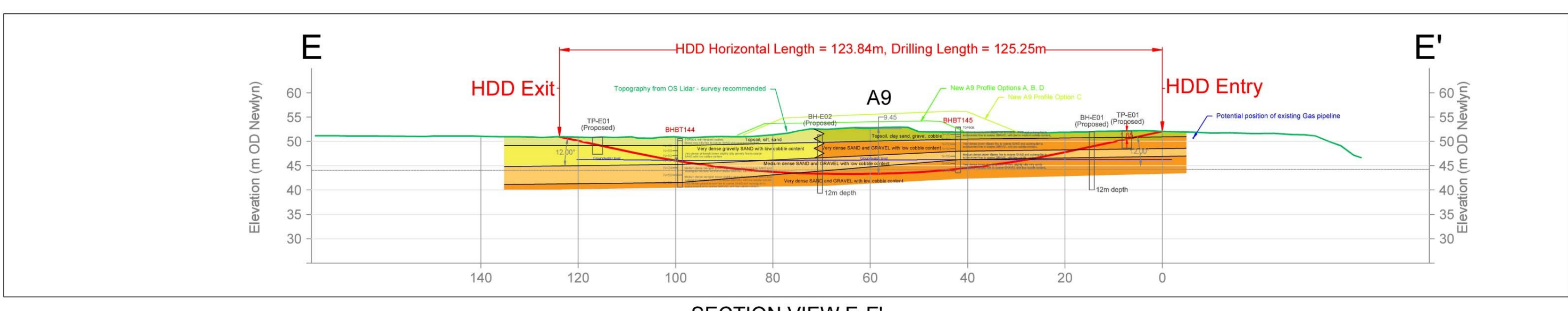
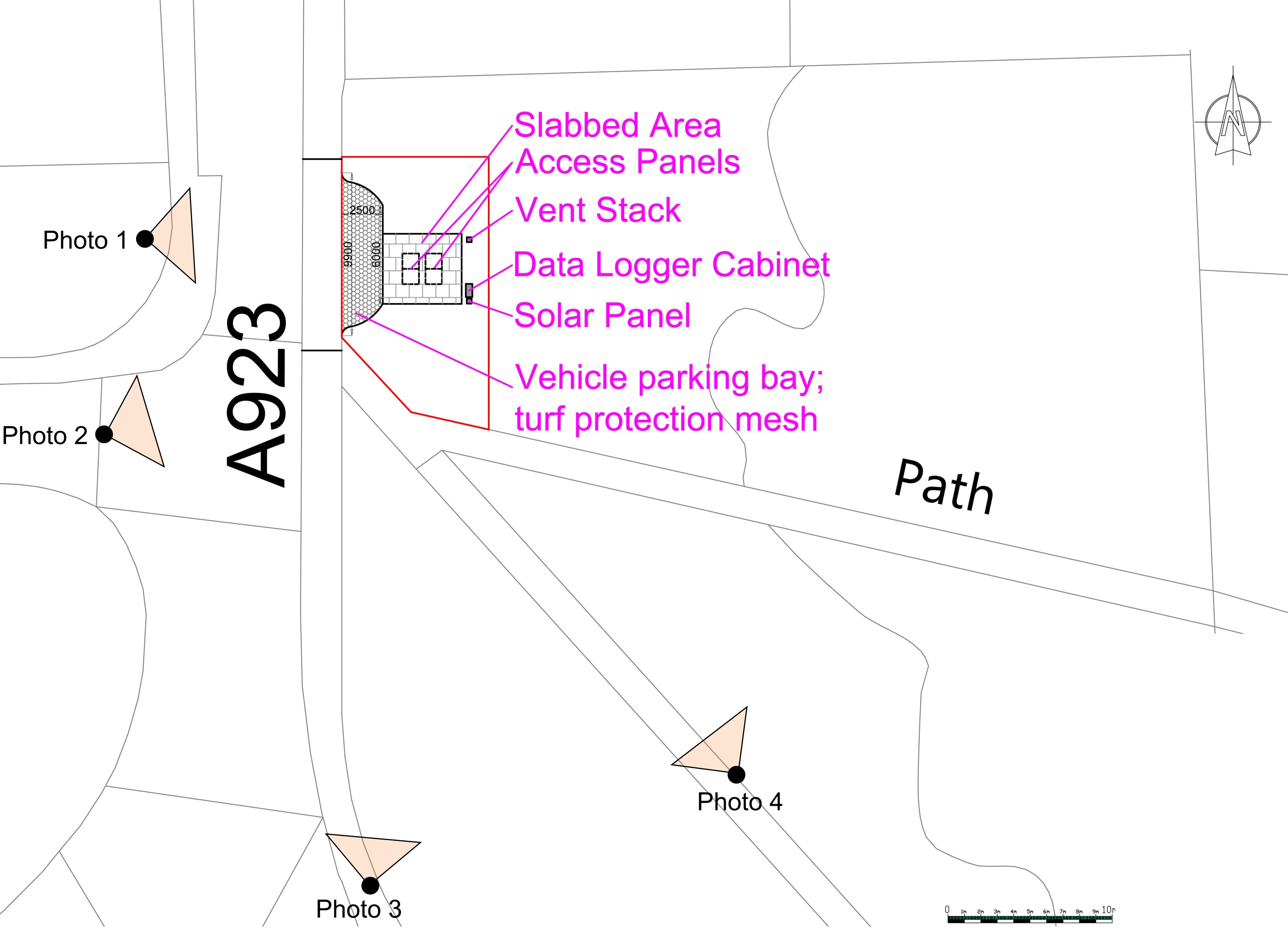
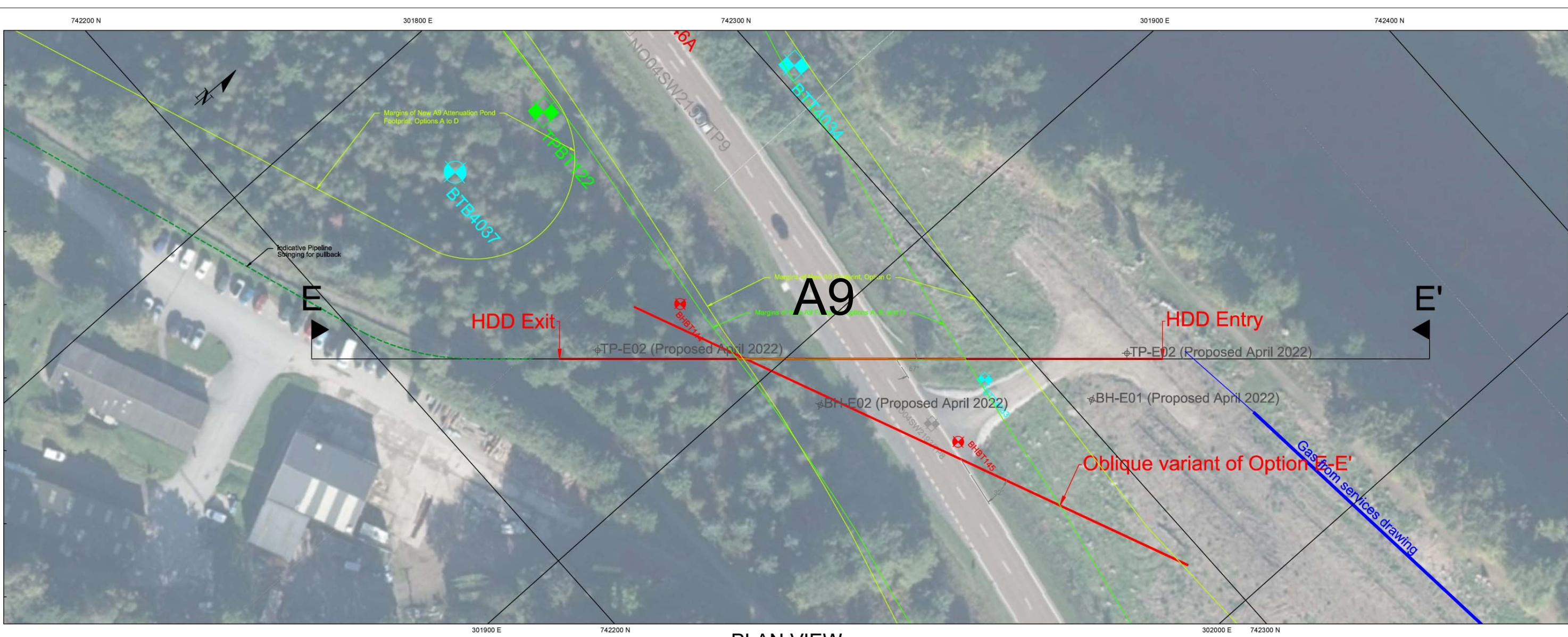
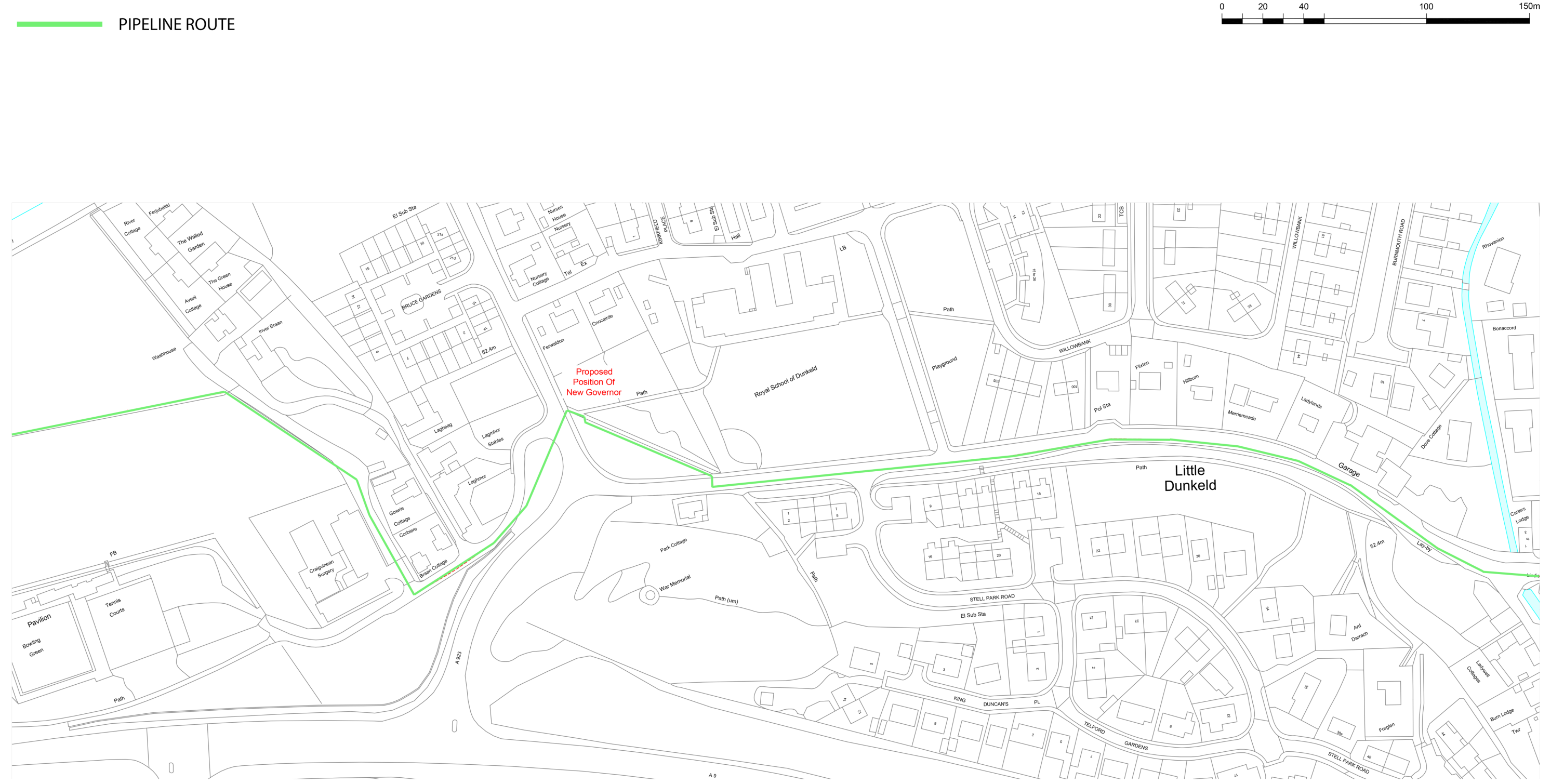
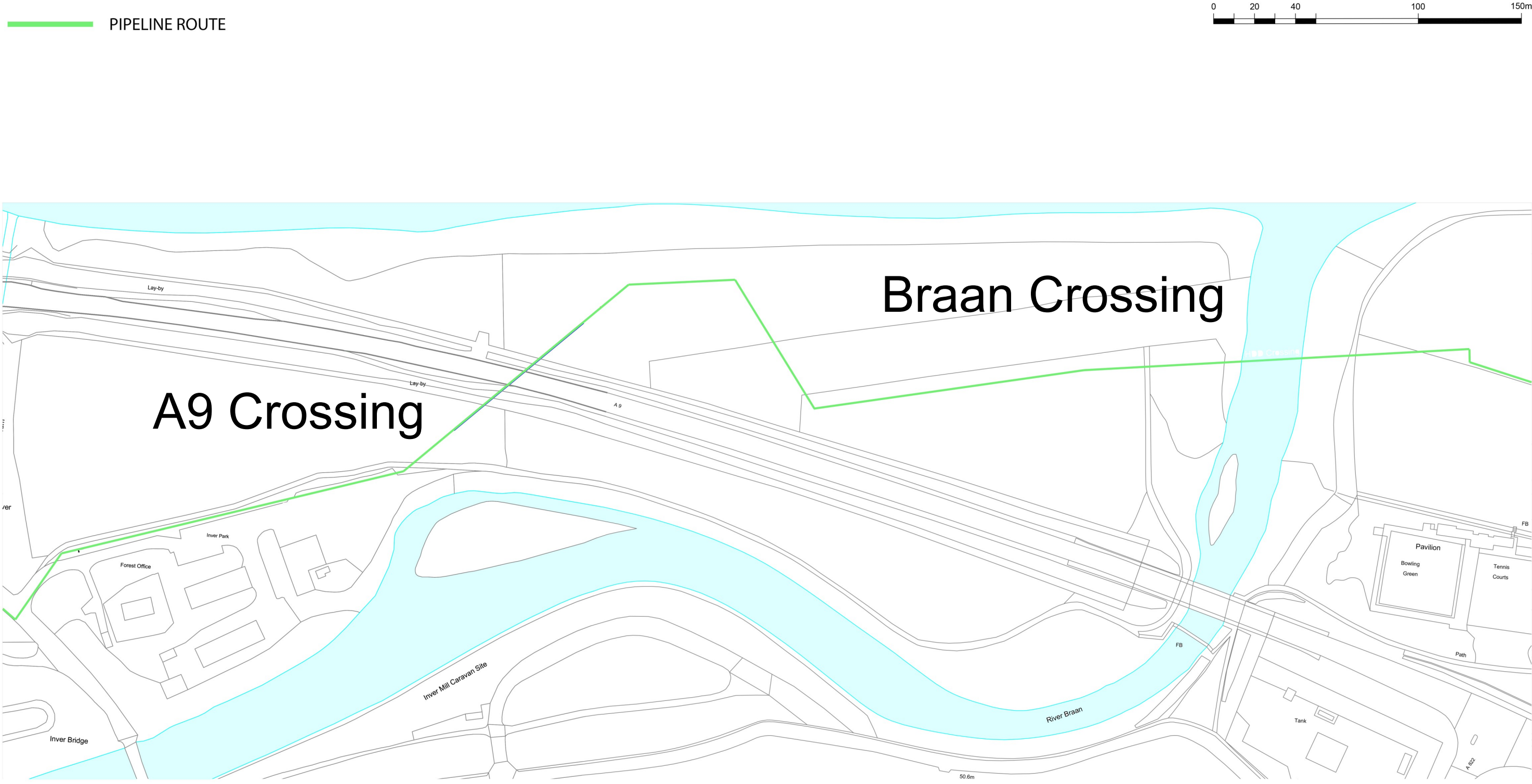
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Major Crossings

District Governor

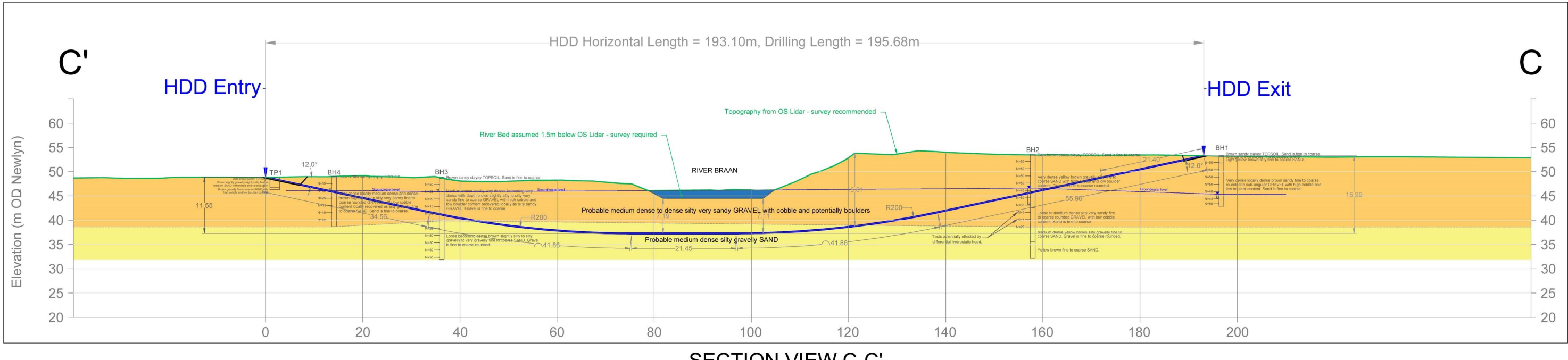
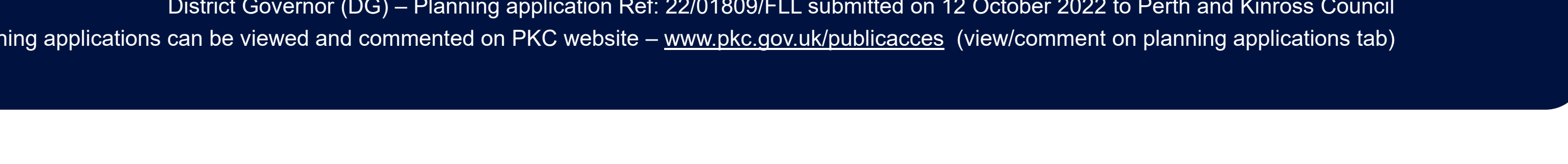
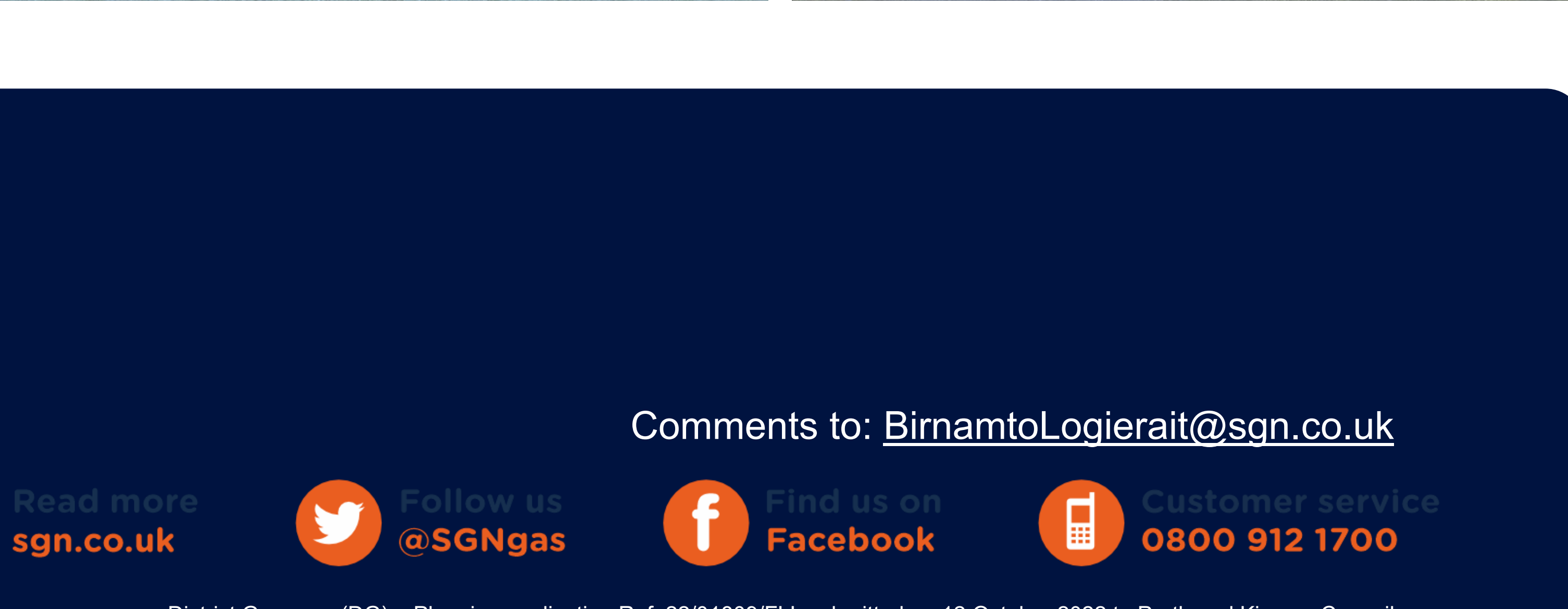
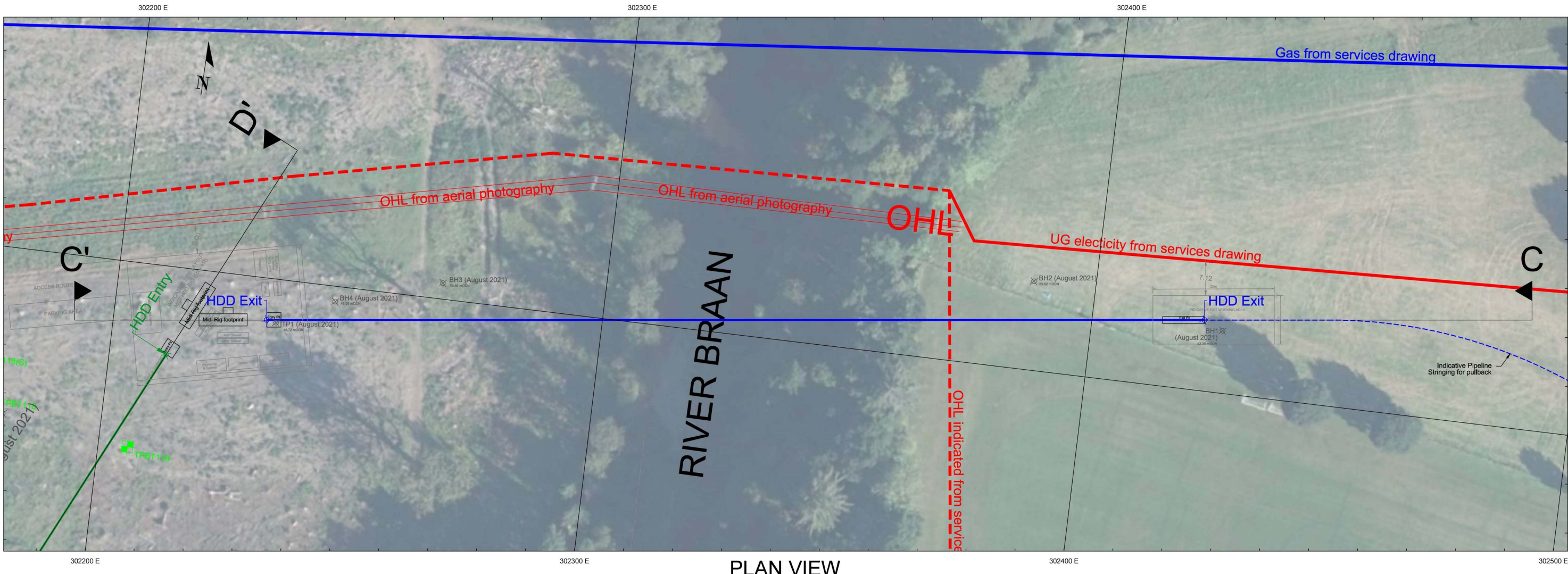
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DO NOT SCALE

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Scale	A3 SHOWN	Drawn by	TR
Drawn by	LE	Checked by	TR
Design by	TR	Approved by	TR
Drawing Number	20201204RA-C05	Date approved	08/04/2022
Rev	Date	Description	By
A	08/04/2022	HDD Design and Geological Interpretation	TR



DO NOT SCALE

Client	SGN	Project Title	A9 DUNKELD IP DIVERSION
Scale	A3 SHOWN	Drawn by	LE
Drawn by	LE	Checked by	TR
Design by	TR	Approved by	TR
Drawing Number	20201204RA-C03	Date approved	28/12/2021
Rev	Date	Description	By
A	28/12/2021	HDD Design and Geological Interpretation	TR



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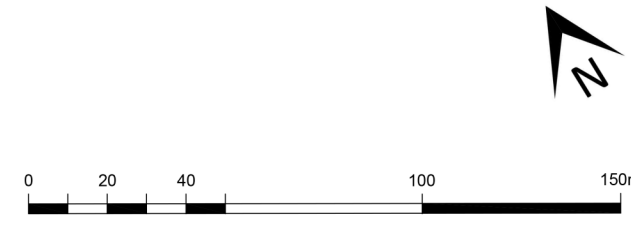


District Governor (DG) – Planning application Ref: 22/01809/FLL submitted on 12 October 2022 to Perth and Kinross Council
 Planning applications can be viewed and commented on PKC website – www.pkc.gov.uk/publicaccess (view/comment on planning applications tab)

Transmission Regulator Station

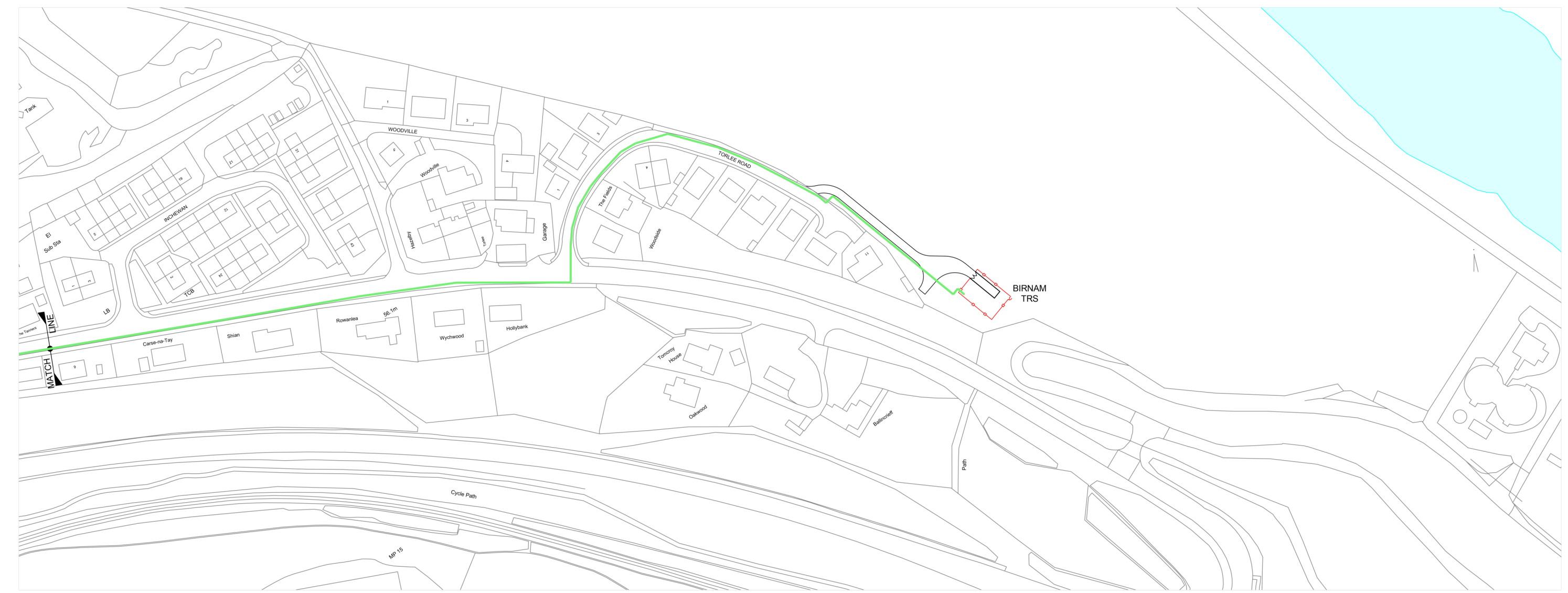
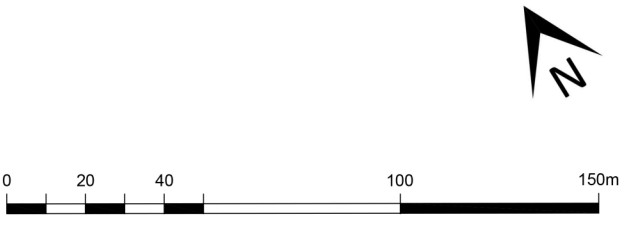
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PIPELINE ROUTE



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Site Plan

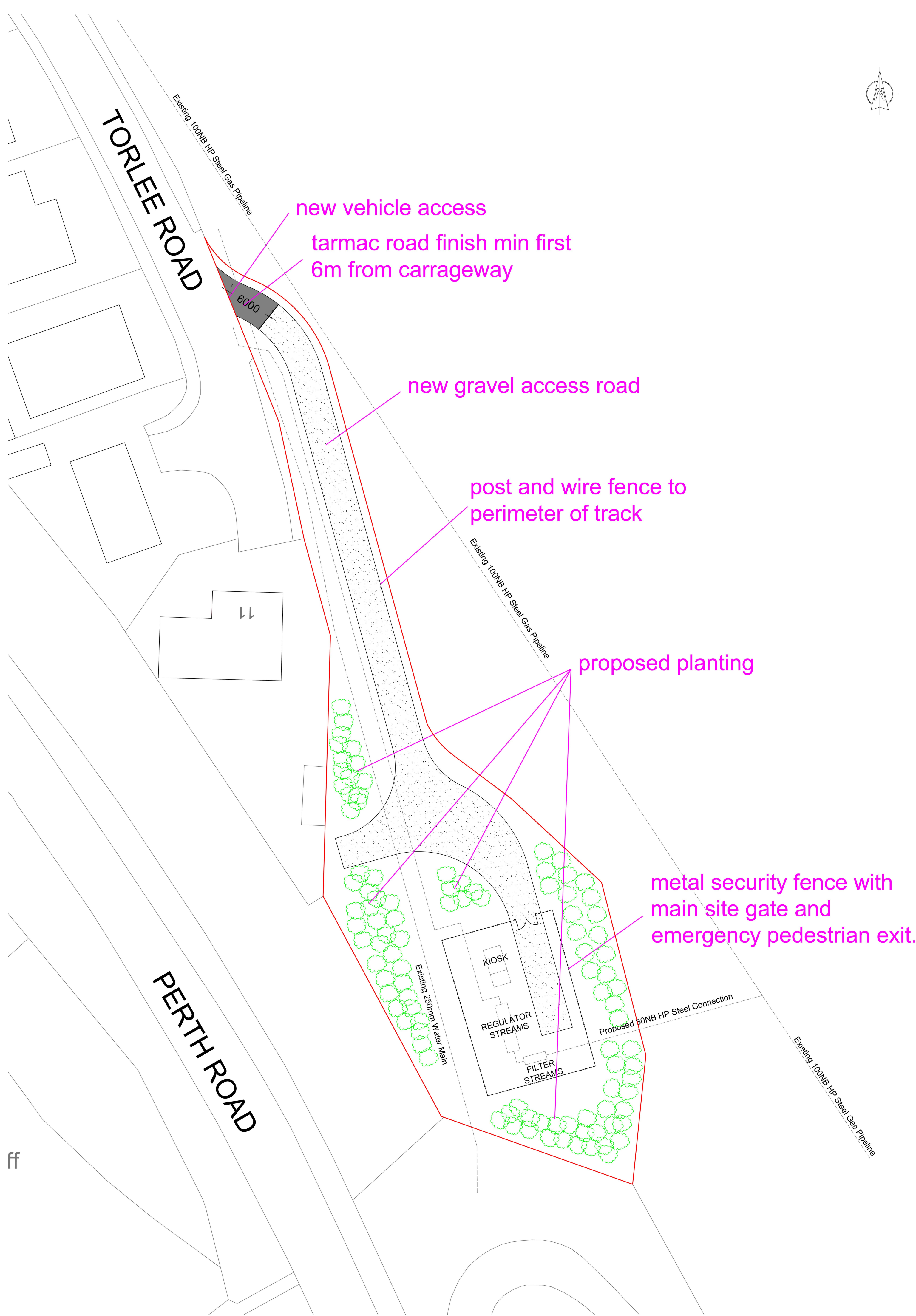
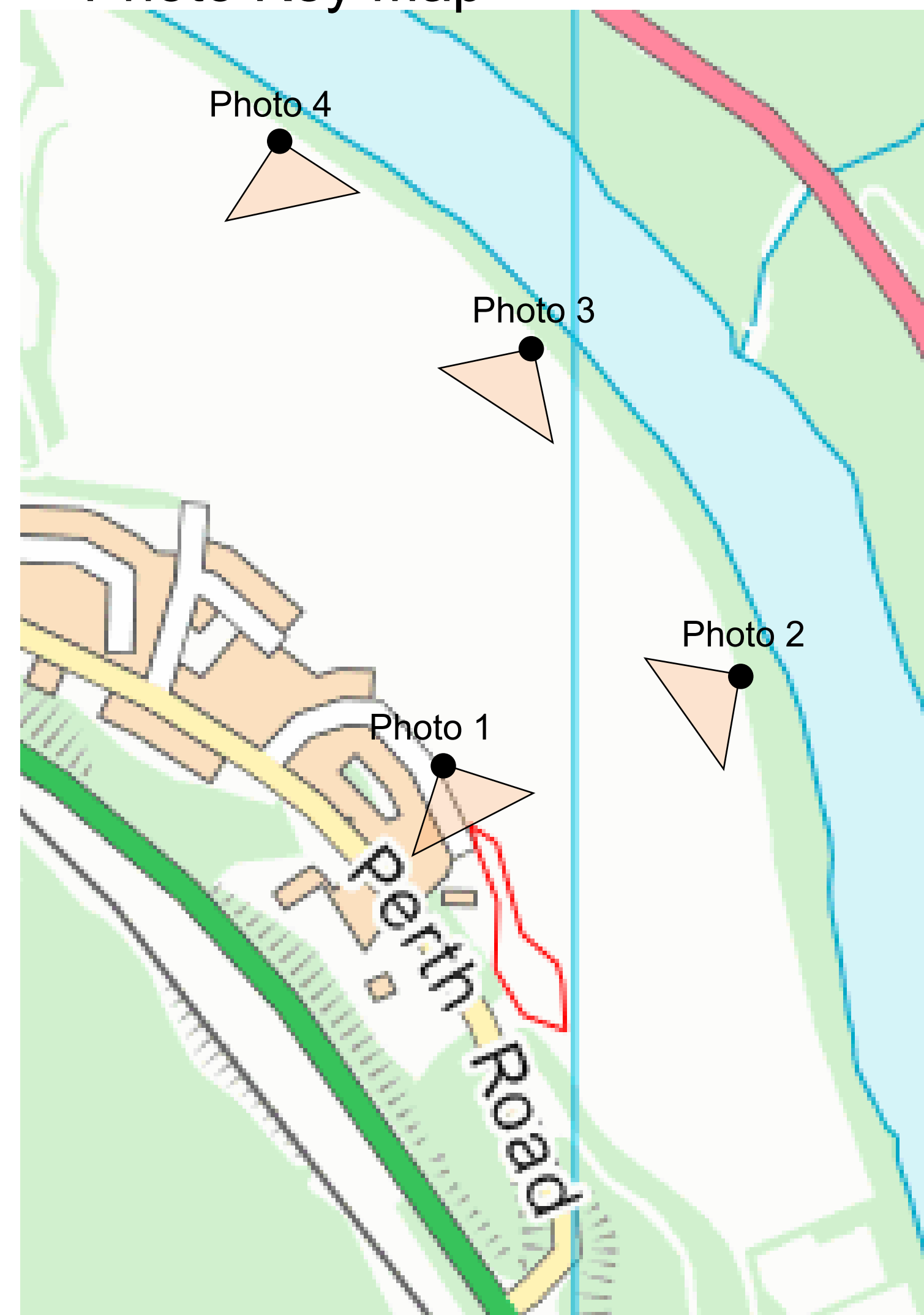
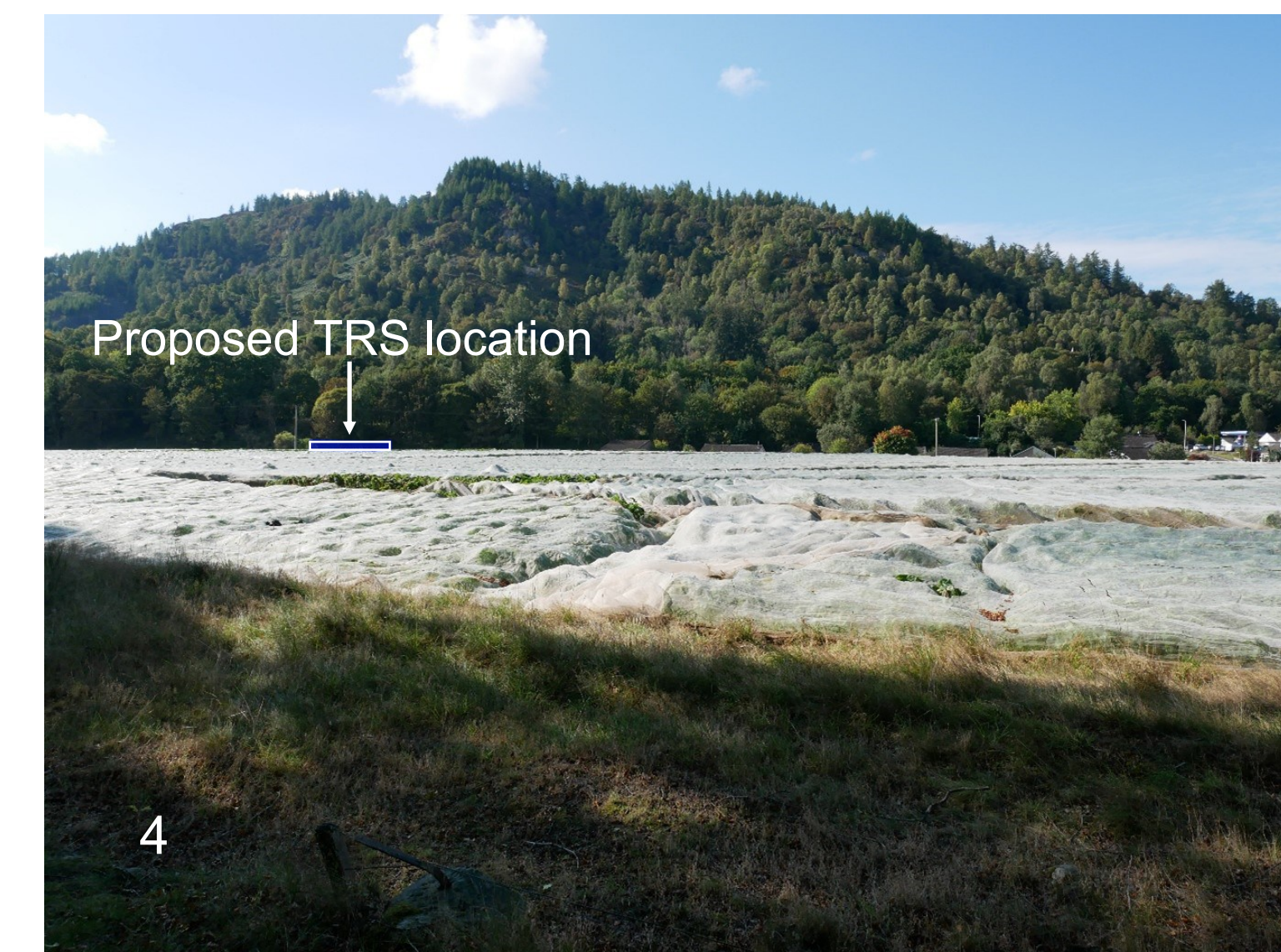
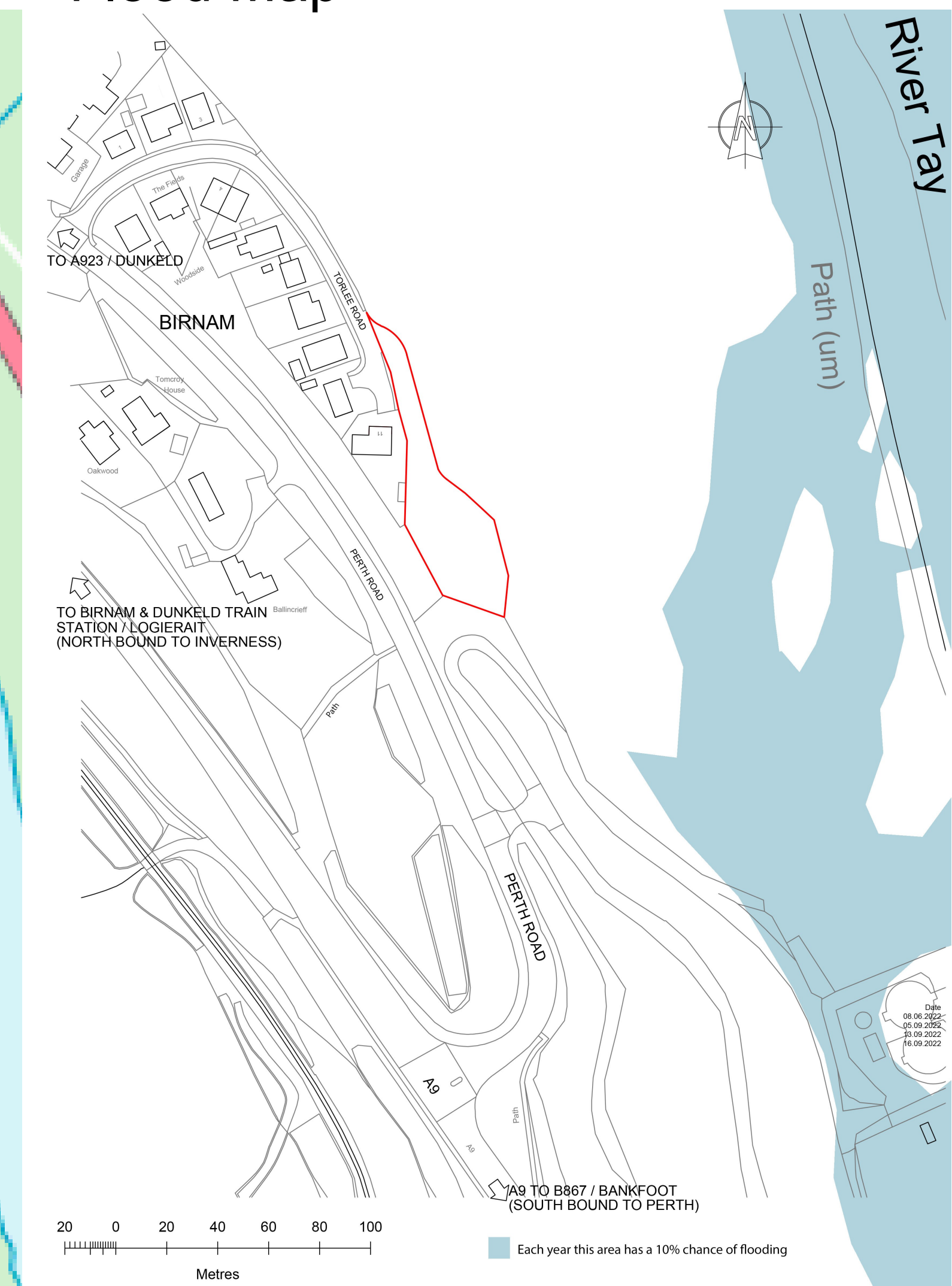


Photo Key Map



Flood Map



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Transmission Regulator Station (TRS) – Planning application Ref: 22/01698/FLL submitted on 27 Sept 2022 to Perth and Kinross Council.
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