



Map book 1: General Arrangements (Set 2 of 3)

Statutory consultation 2021

A12 Chelmsford to A120 widening scheme map books

The three map books prepared for this statutory consultation contain plans of the proposed scheme under the following headings:

- Map book 1: General arrangements (layout plans)
- Map book 2: Land use plans
- Map book 3: Engineering plans

These plans show the proposed scheme in detail to help the viewer better understand our proposals.

The plans run from junction 19 (Boreham interchange) to junction 25 (Marks Tey interchange). Identically numbered sheets in the different map books show the same area. For example, in map book 1, sheet 1 shows the layout around junction 19, and in map book 2, sheet 1 shows the land use plan around junction 19. This principle applies across all the map book 1 and map book 2 sheets but is not carried through into map book 3.

Map book 1: General arrangements

The general arrangements show the layout of the proposed scheme, including:

- Permanent works, new roads, earthworks and roadside features such as signage and lighting columns
- Environmental mitigation, landscaping and tree planting

- Provisional order limits (also known as the red line boundary)
- Open space and replacement land

Map book 2: Land use plans

The land use plans show the areas where we are seeking powers to acquire land and rights permanently. They also show the land we require for a temporary period to construct the proposed scheme. We may need the land permanently for:

- road alignments
- junction improvements
- environmental mitigation
- drainage

Permanent works

Purchase of land or acquisition of permanent rights will be required for the route of the road, to reconnect local roads and for associated structures like drainage ponds.

Permanent rights

Land used temporarily for construction and thereafter required for the creation of new permanent rights for example, to maintain the proposed scheme including the highway and associated apparatus, for rights of access or for rights to operate and maintain new statutory undertaker apparatus. It may also be required where existing rights need to be acquired, suspended, changed or extinguished to construct and operate the proposed scheme.

Temporary works

Temporary use of land is needed for the proposed scheme to be constructed safely. The plans show land that may be required temporarily for the main construction compounds at various locations along the route. We will also require temporary access over land to divert utilities such as gas pipelines, electricity cables and water pipes. Any land that is only required temporarily will be returned to its previous use wherever possible once construction is complete.

Map book 3: Engineering plans

These plans show the highway details of the route in a 'plan and profile' (level above or below existing ground) format. The drawings are split into two views, with the plan on the top and the profile underneath.

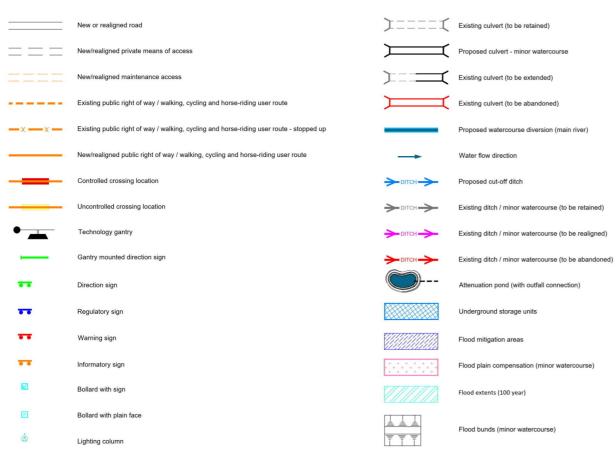
The profile shows the road level in relation to the existing ground at given distances along the route, referred to as chainages. An exaggerated scale is used in the profile to help show the differences in levels and slopes of the design. The profile also shows where existing roads and public rights of way cross over or under the route. All levels are given in relation to sea level. As is the standard approach on engineering projects, sea level is taken from a reference point at Newlyn in Cornwall. The profile reference level might be different on each drawing.



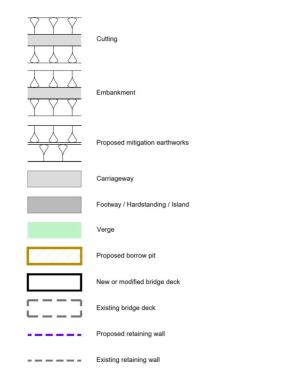
DRAINAGE

BOUNDARIES

Provisional Order Limits



ENGINEERING & CONSTRUCTION



ENVIRONMENT

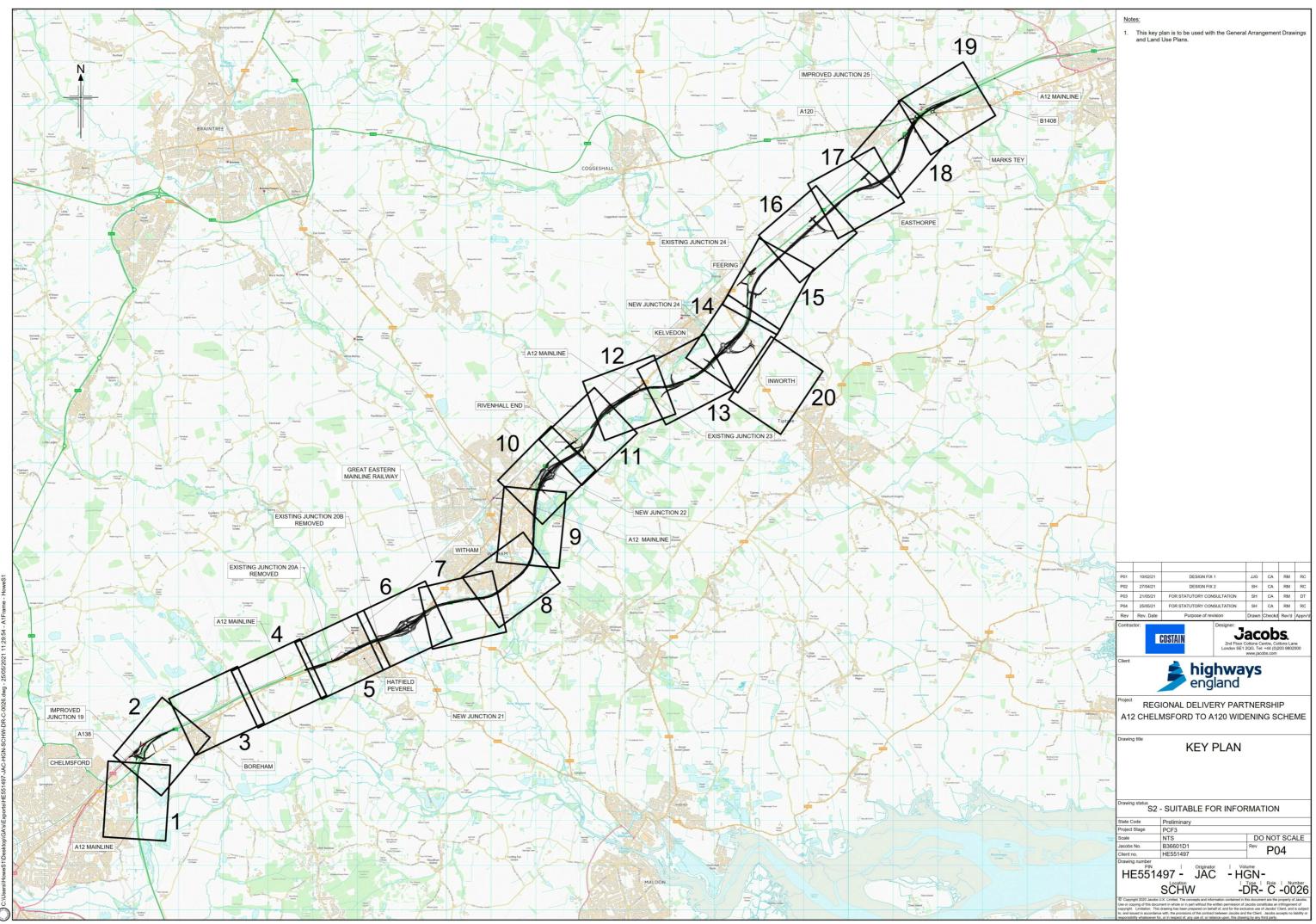


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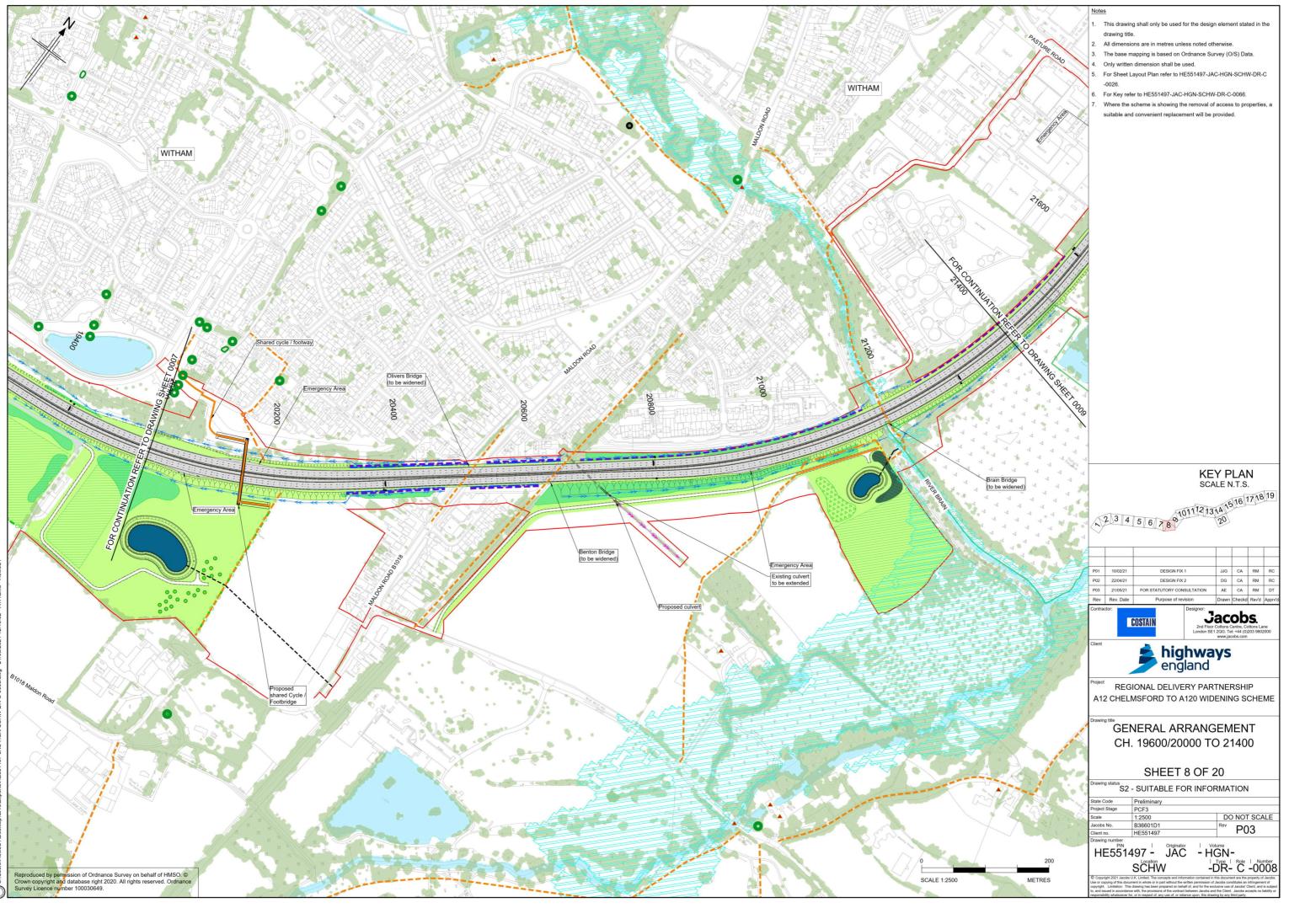
THIS GENERAL ARRANGEMENT LEGEND SHOULD BE READ IN CONJUNCTION WITH:

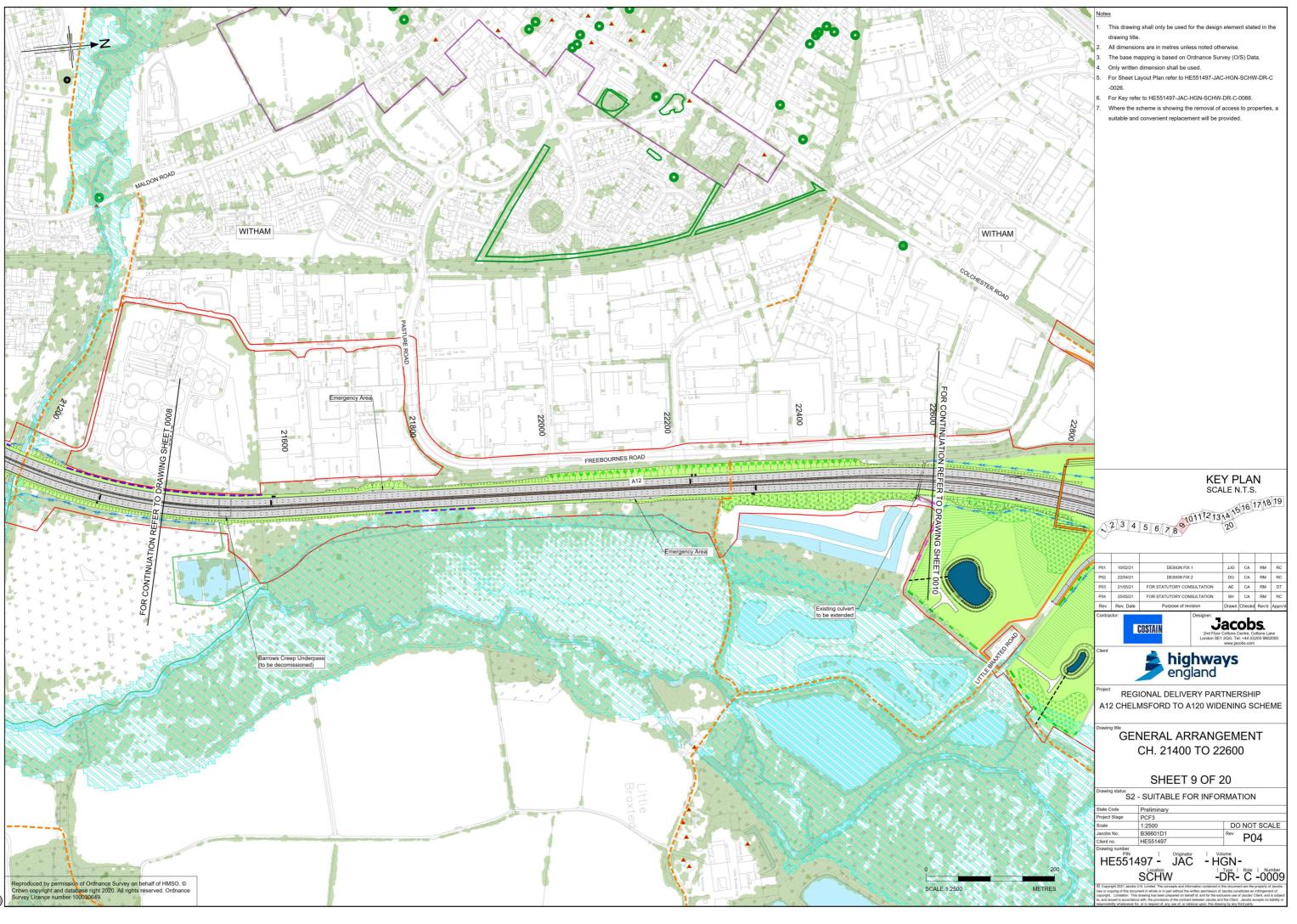
- 1. THE LOCATION KEY PLAN.
- 2. THE GENERAL ARRANGEMENT DRAWINGS.

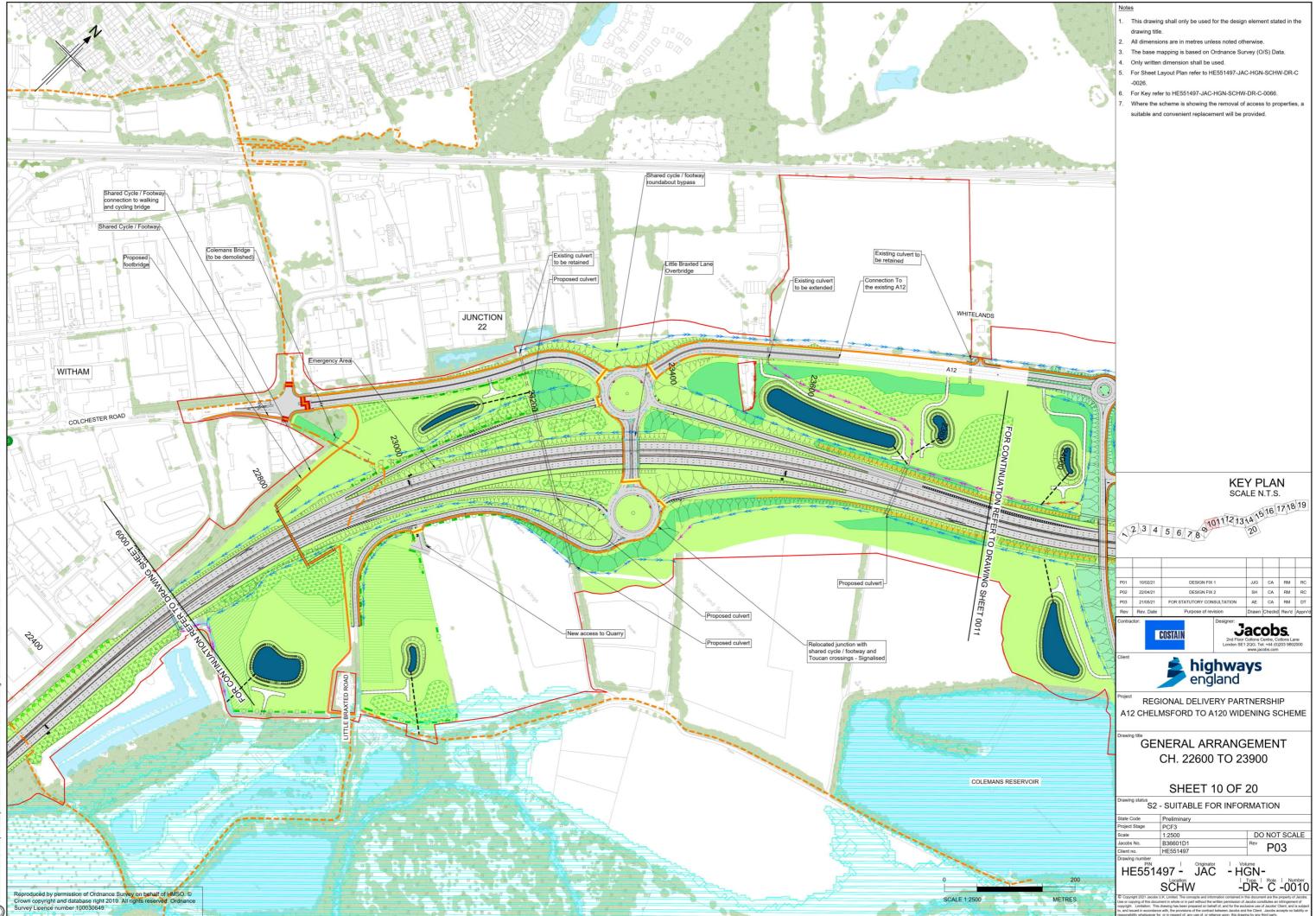
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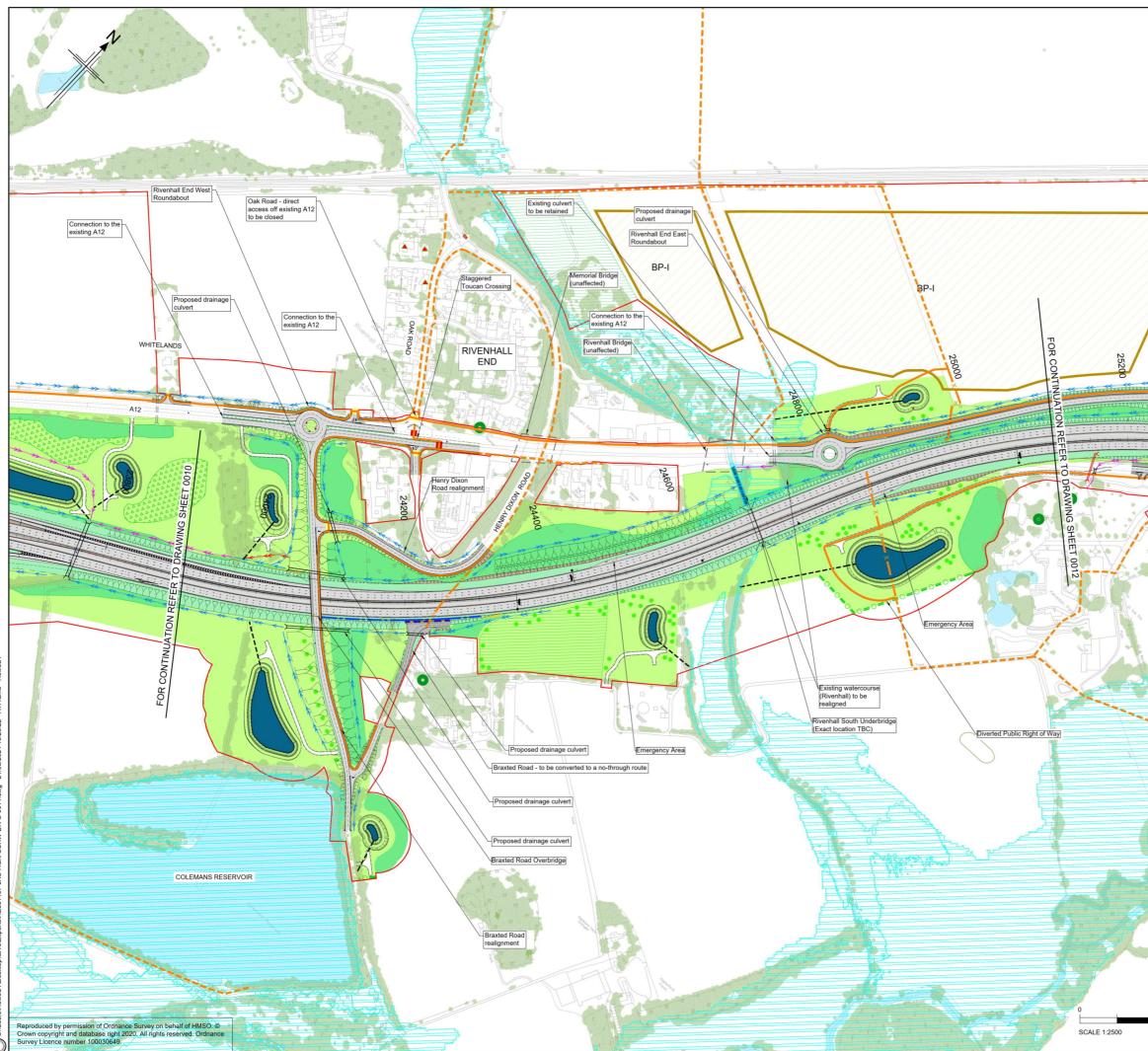


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Notes

- . This drawing shall only be used for the design element stated in the drawing title.
- 2. All dimensions are in metres unless noted otherwise
- 3. The base mapping is based on Ordnance Survey (O/S) Data.
- 4. Only written dimension shall be used.
- 5. For Sheet Layout Plan refer to HE551497-JAC-HGN-SCHW-DR-C -0026.
- 6. For Key refer to HE551497-JAC-HGN-SCHW-DR-C-0066.
- 7. Junction 23 is being removed as part of the proposed scheme. Traffic from the existing junction 23 will use the new junction 22 and junction 24, including traffic from Kelvedon.
- In addition to the projects that the government has asked Highways England to build during 2020-2025, we are also developing other named projects that will be considered by the government for future funding and potential construction beyond 2025. This includes the proposed A120 Braintree to A12 scheme, which takes forward development work already done by Essex County Council.
- Work is progressing to validate the favoured route for the A120 Braintree to A12 scheme suggested by Essex County Council, which would include a link to the A12. The A12 team continues to work closely with Highways England's A120 Braintree to A12 team, ensuring the development of the two projects is progressed in a considered manner, while recognising that a decision has yet to be taken about whether to fund construction of the A120 Braintree to A12 scheme.

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highways england

REGIONAL DELIVERY PARTNERSHIP A12 CHELMSFORD TO A120 WIDENING SCHEME

GENERAL ARRANGEMENT CH. 23900 TO 25100

SHEET 11 OF 20

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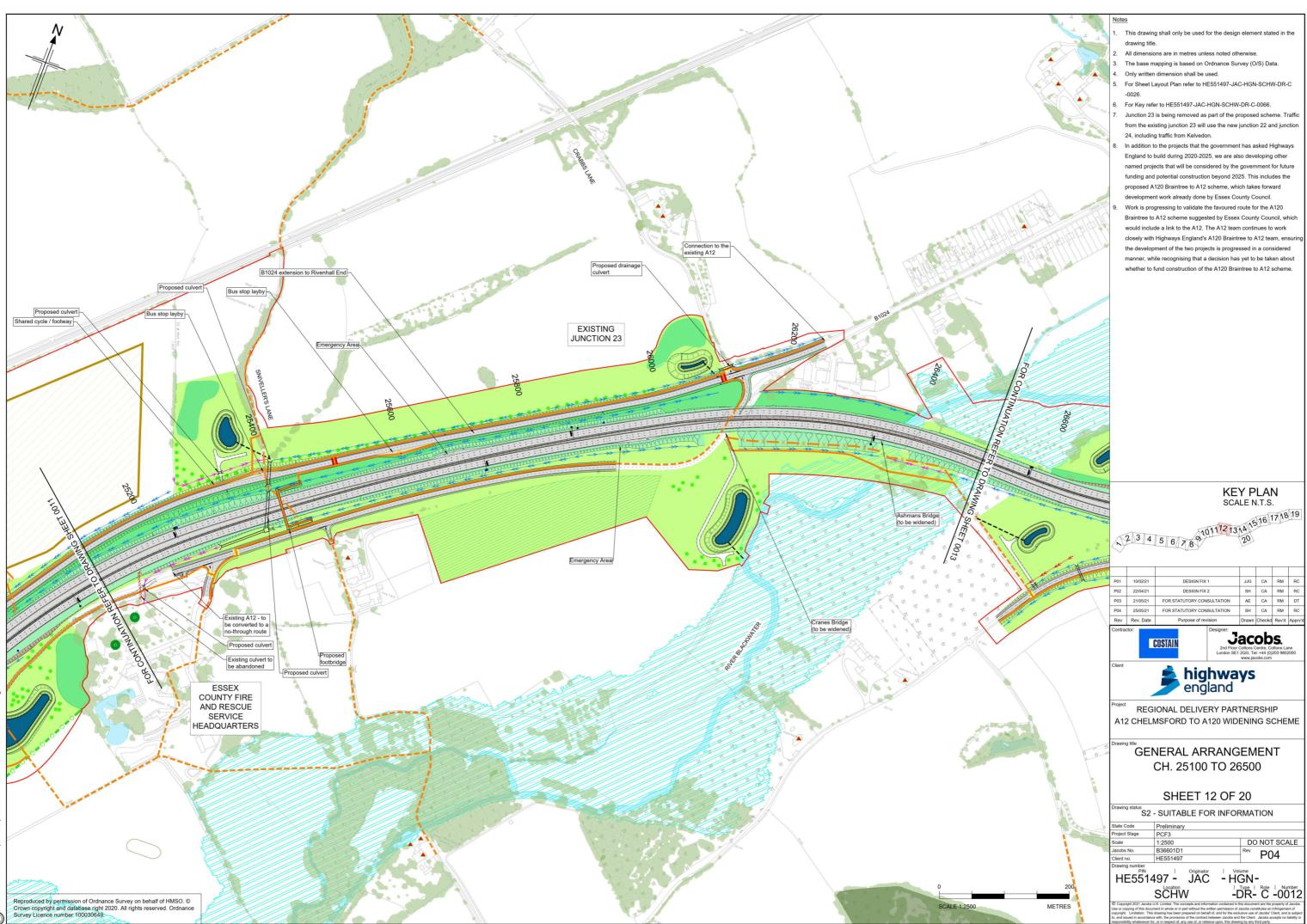
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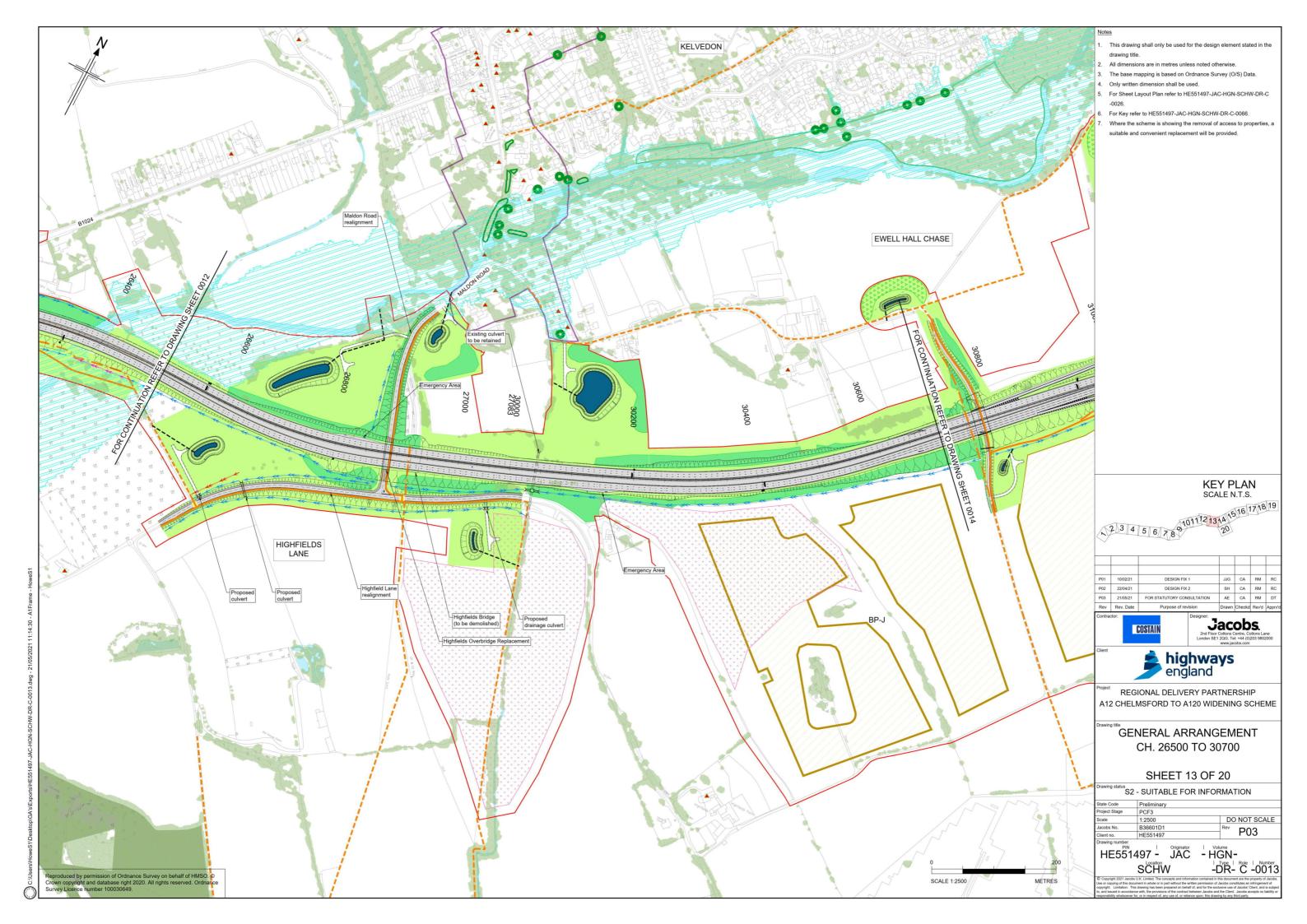
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