

Lower Thames Crossing

Map book 2: land use plans

Lower Thames Crossing map books

The three map books for Supplementary Consultation contain plans of the proposed changes to the project 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 changes we have made since our statutory consultation in 2018 and are published for the purposes of the Supplementary Consultation on the project. The proposals are therefore subject to change due to consultation feedback and further design development.

The plans run from the A2 in the south to the M25 in the north. Identically numbered sheets in the different map books show the same area, for example sheet 3 shows the A2/LTC junction in map books 1 and 2.

Map book 1: General Arrangements

The General Arrangements show the proposed details of the project including:

- Permanent works and construction compounds
- Environment mitigation
- Utilities diversions
- Development boundary
- Open space and replacement land

Map book 2: land use plans

The land use plans show the areas we are seeking powers to compulsorily acquire land or permanent rights. They also show the land we require temporary rights to use in order to construct and operate the project.

Areas we may need to purchase include the land required for the permanent works, temporary works and compensation land.

Permanent works

Compulsory purchase of land or compulsory acquisition of permanent rights will be required along the route of the road, for re-connecting local roads and for associated structures like drainage ponds and tunnel control building. In some land parcels, only the acquisition of subsoil will be required.

Temporary works

Temporary use of land is needed for the project's construction works and to provide sufficient space to do so safely. The plans show land that may be required temporarily for the main construction compounds at the tunnel entrances north and south of the River Thames and at various locations along the route. We will also require permanent and temporary rights 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 has been completed.

Compensation land

Compensation land may include environmental protection measures such as habitat creation and for flood compensation. This land may also need to be compulsorily acquired permanently or be subject to permanent rights.

Replacement land

Land is also included in respect of the replacement of special category land such as open space, or common land which is being compulsorily acquired or in which permanent rights are sought. This replacement land may also need to be compulsorily acquired permanently or be subject to permanent rights.

Map book 3: engineering plans

This book contains engineering drawings in the following order:

- The plan and profile drawings which detail the vertical and horizontal road alignment
- The junction arrangements showing the proposed layout
- The cross sections throughout the route showing the lanes and earthworks

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

The profile gives the road level in relation to existing ground at a given chainage*. An exaggerated scale is used in the profile to help show the differences in levels and gradients 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 the ordnance datum level** the profile reference level might be different on each drawing.

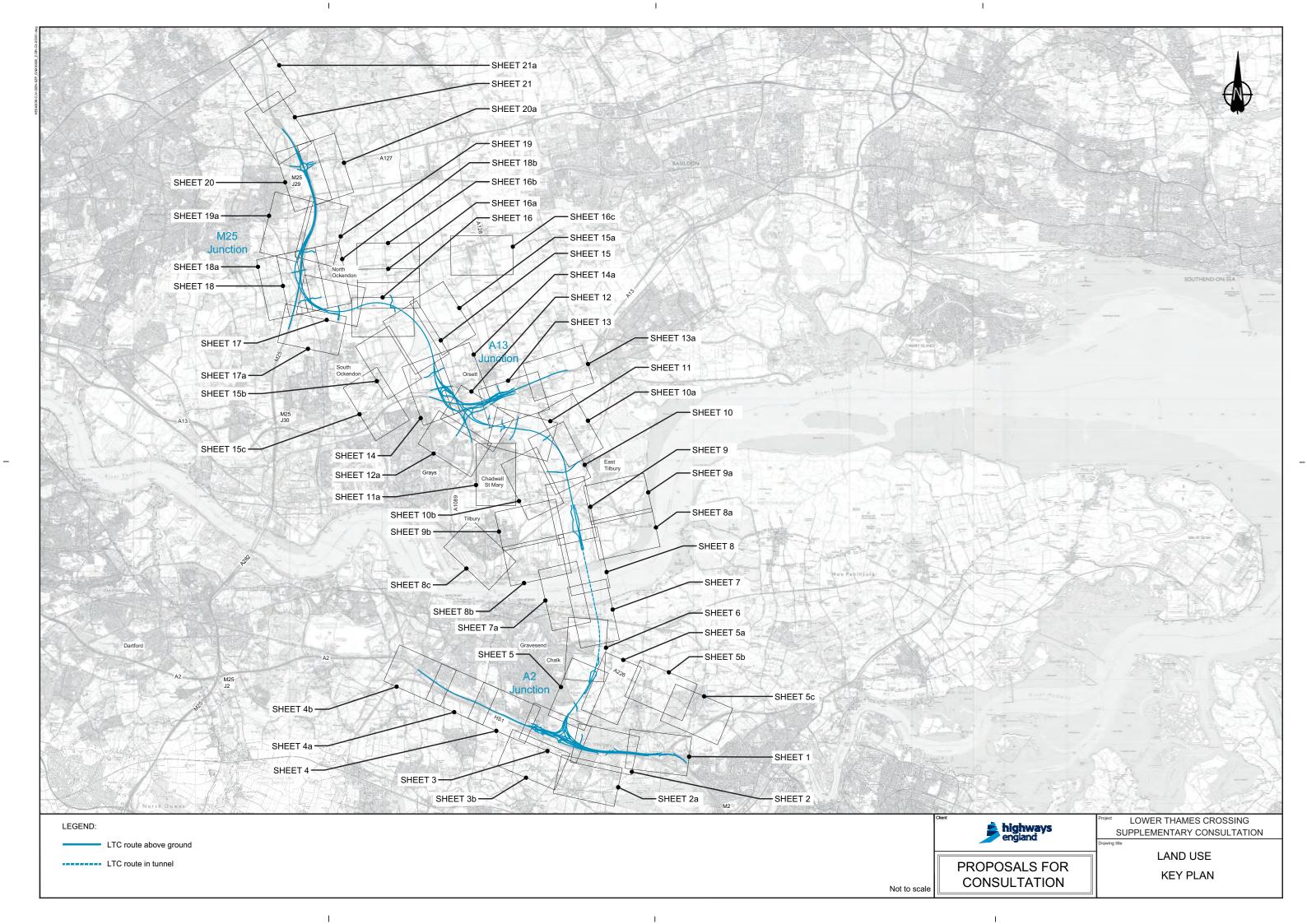
- Chainage measures the distance along the route in metres
- ** Above Ordnance Datum level (AOD) is a measurement above mean sea level taken from a reference point at Newlyn in Cornwall.

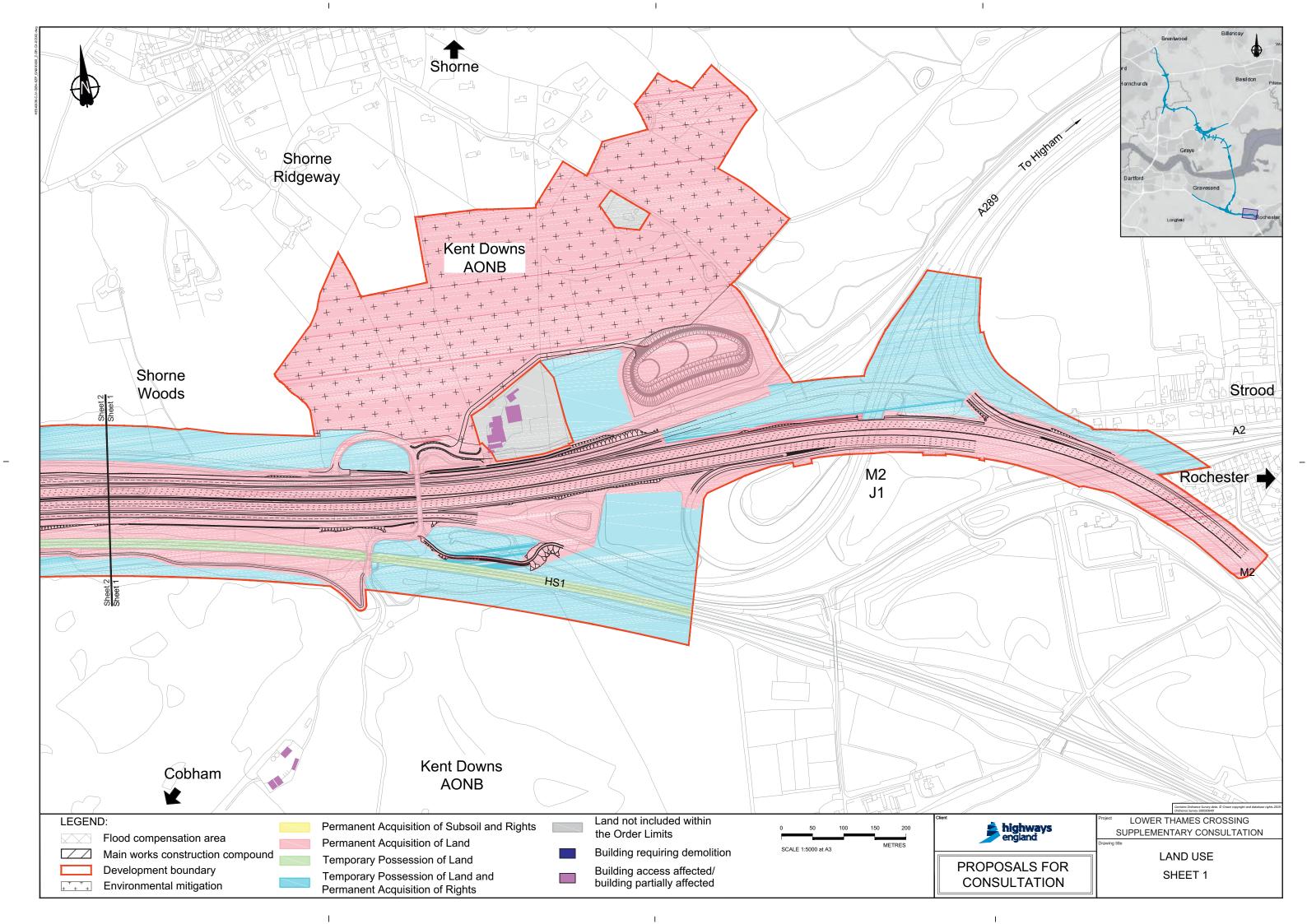
Large maps

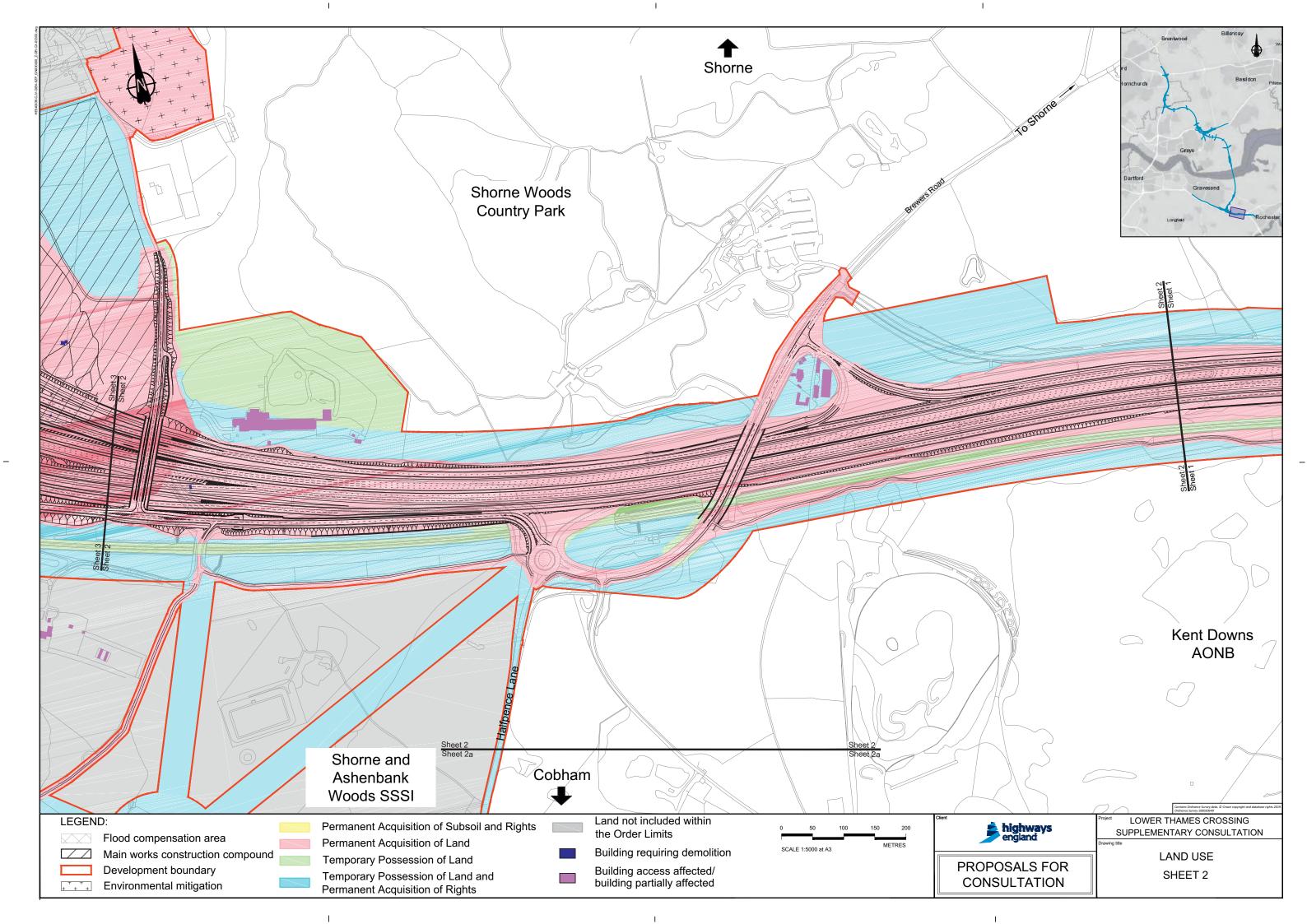
Large maps that cover a greater area have also been produced which detail the same information.

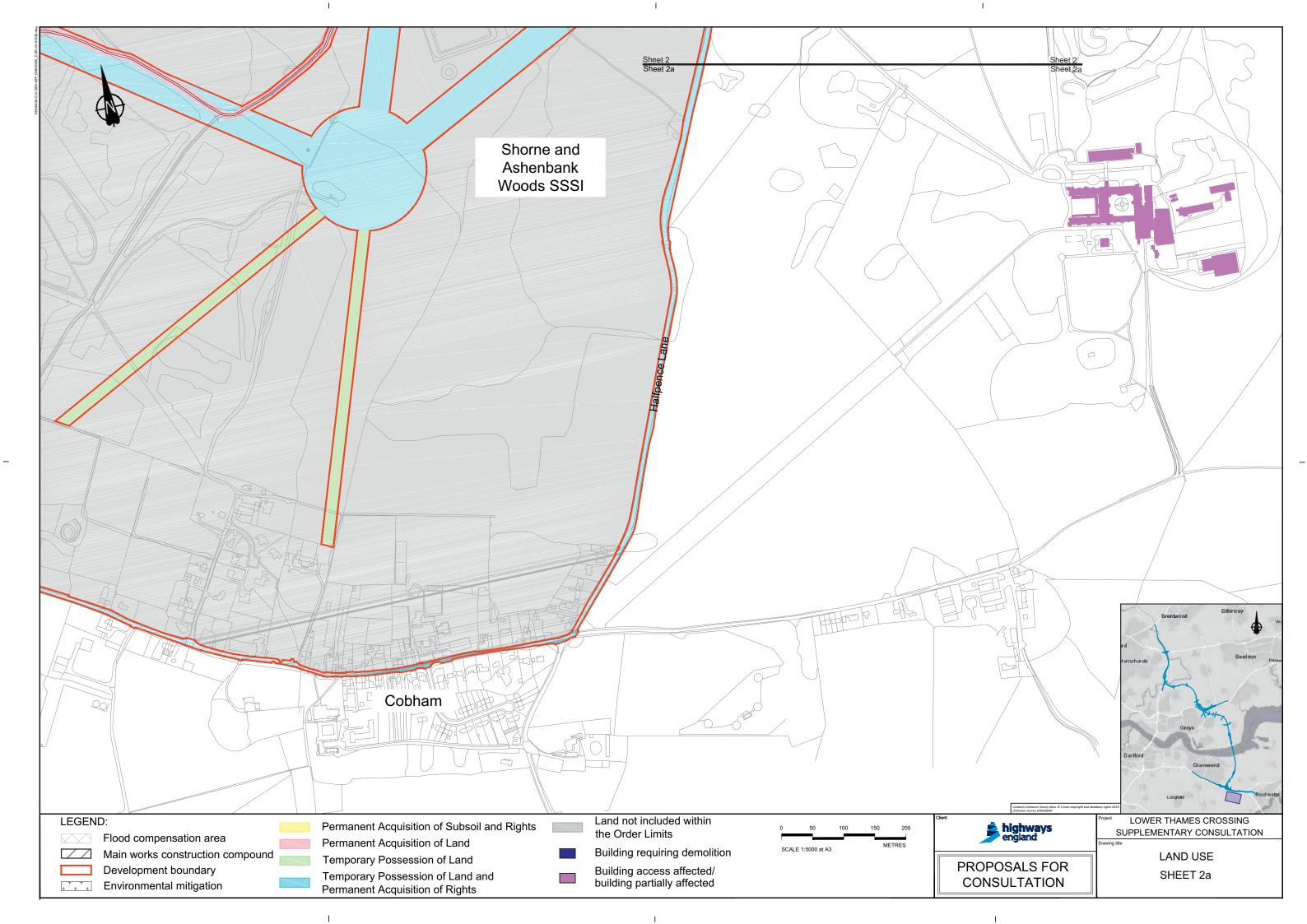
These are:

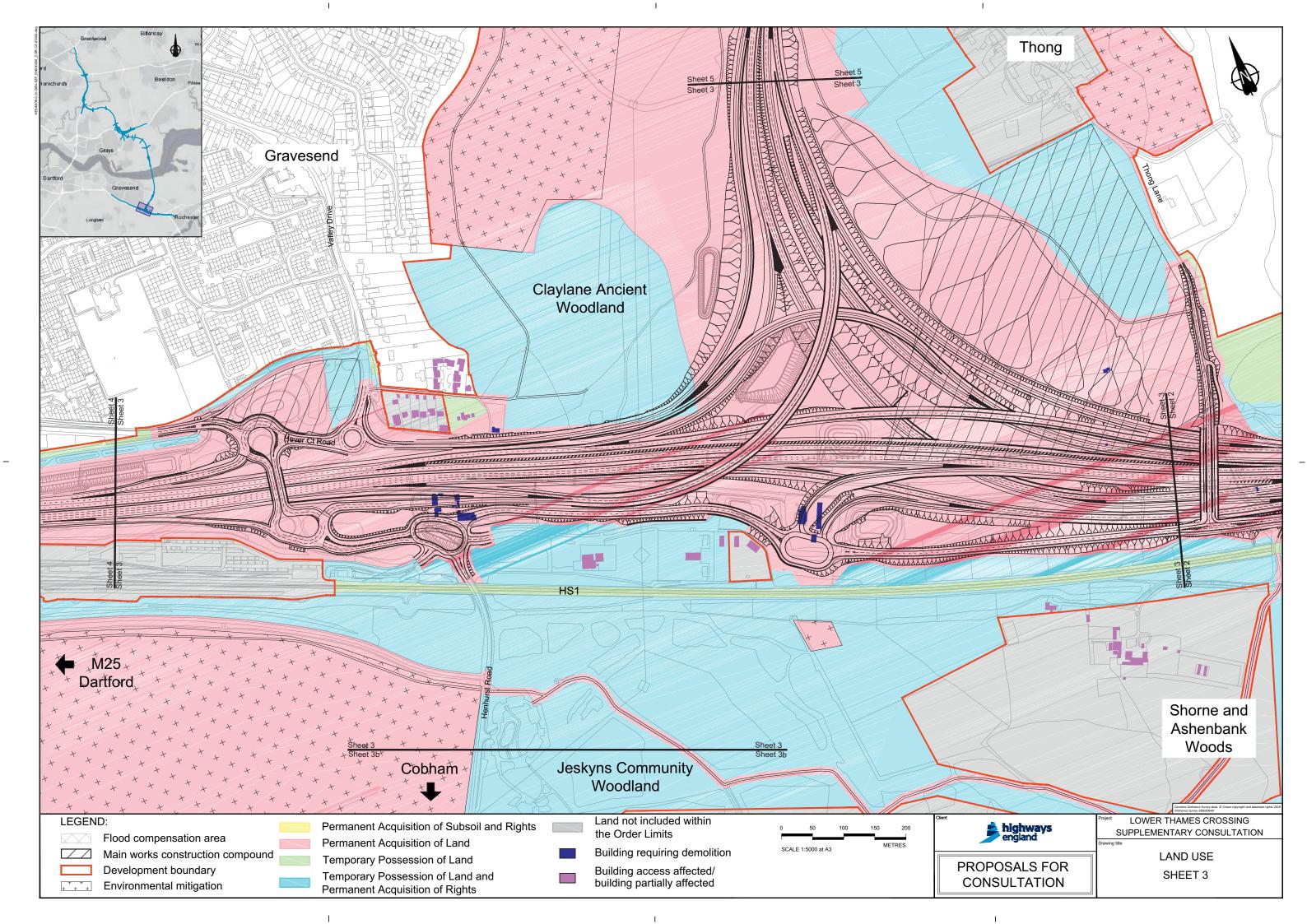
- Environmental constraints 1 sheet
- Land use 1 sheet
- Project profile 1 sheet
- General Arrangements 6 sheets (larger coverage)

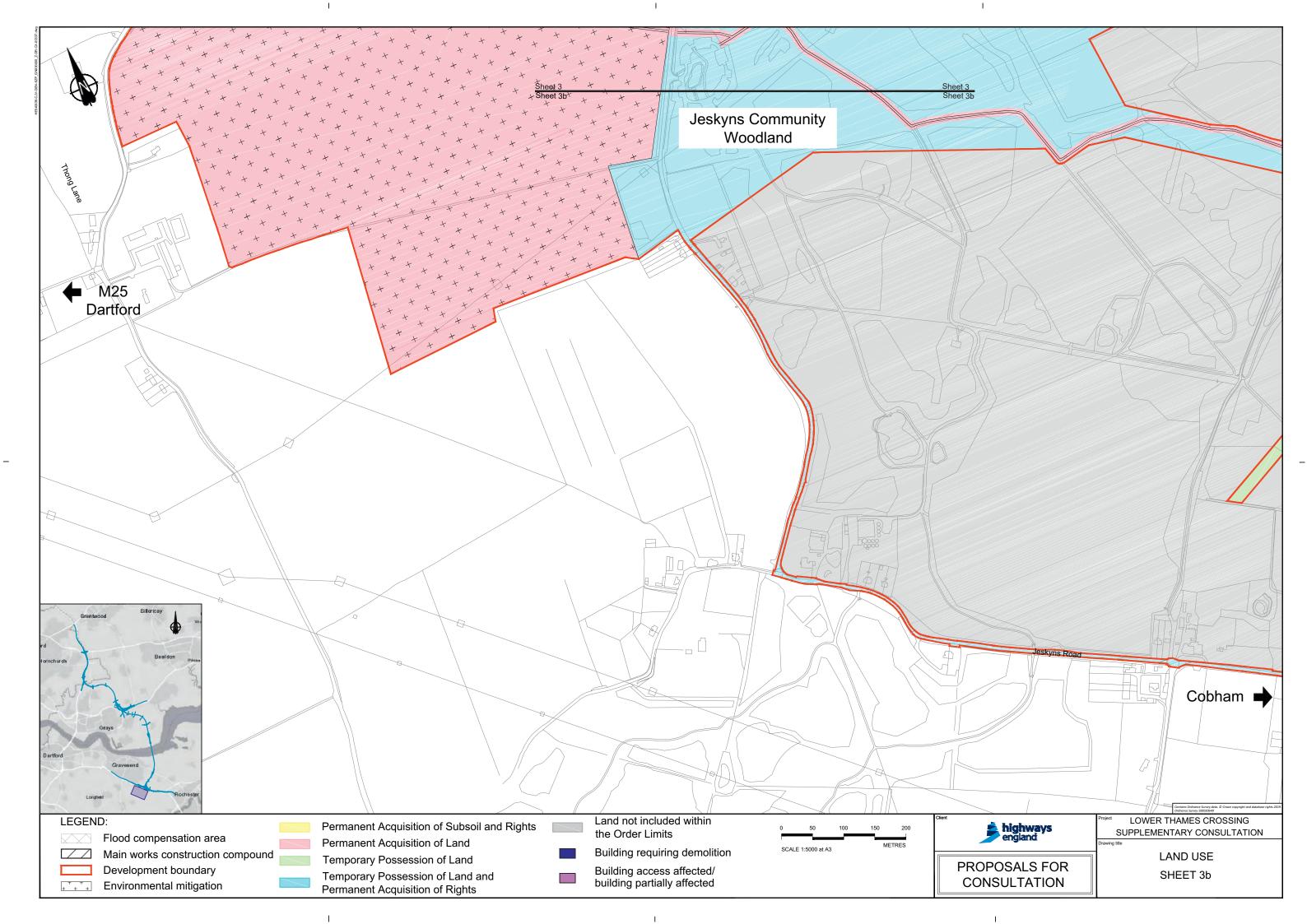


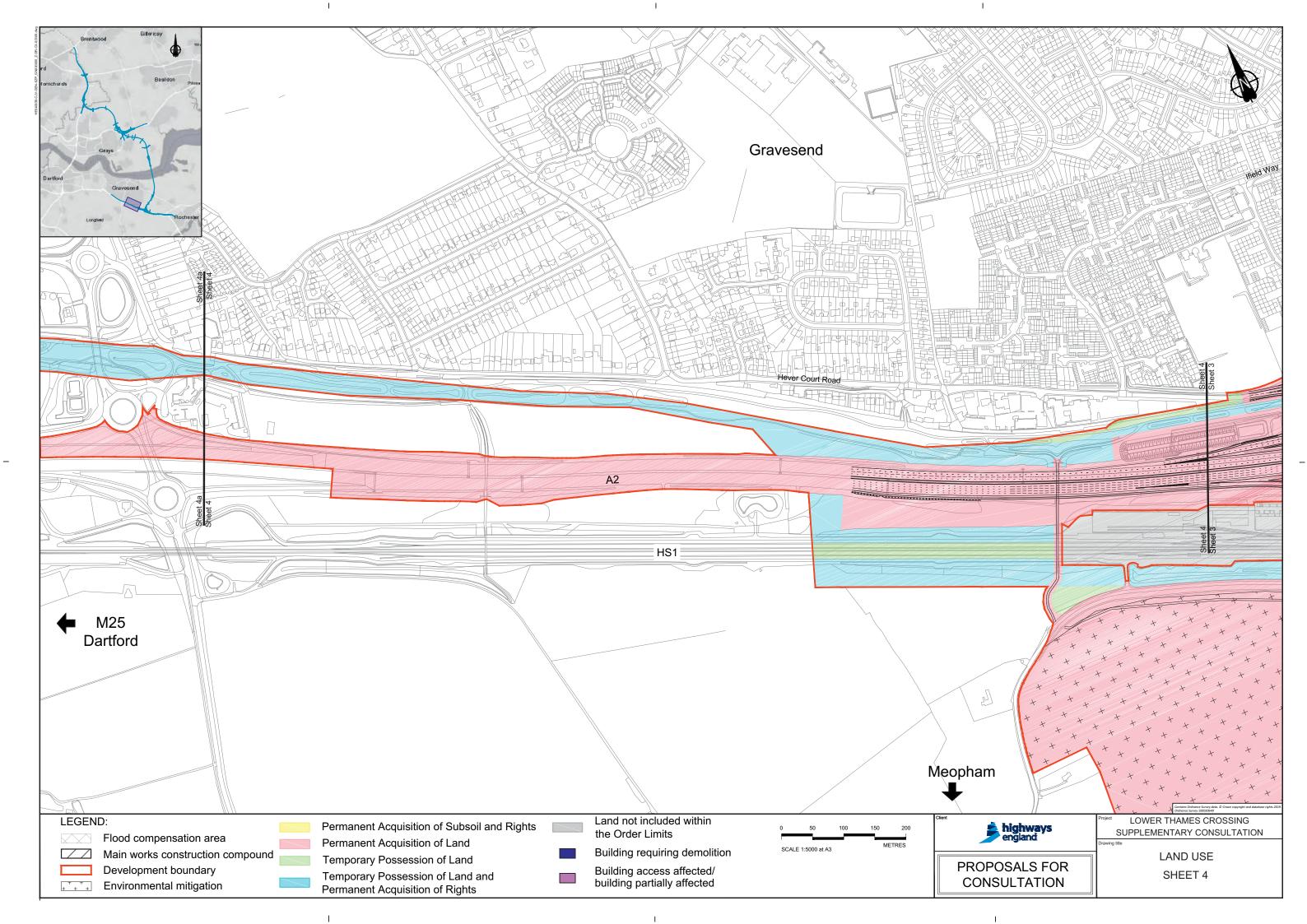


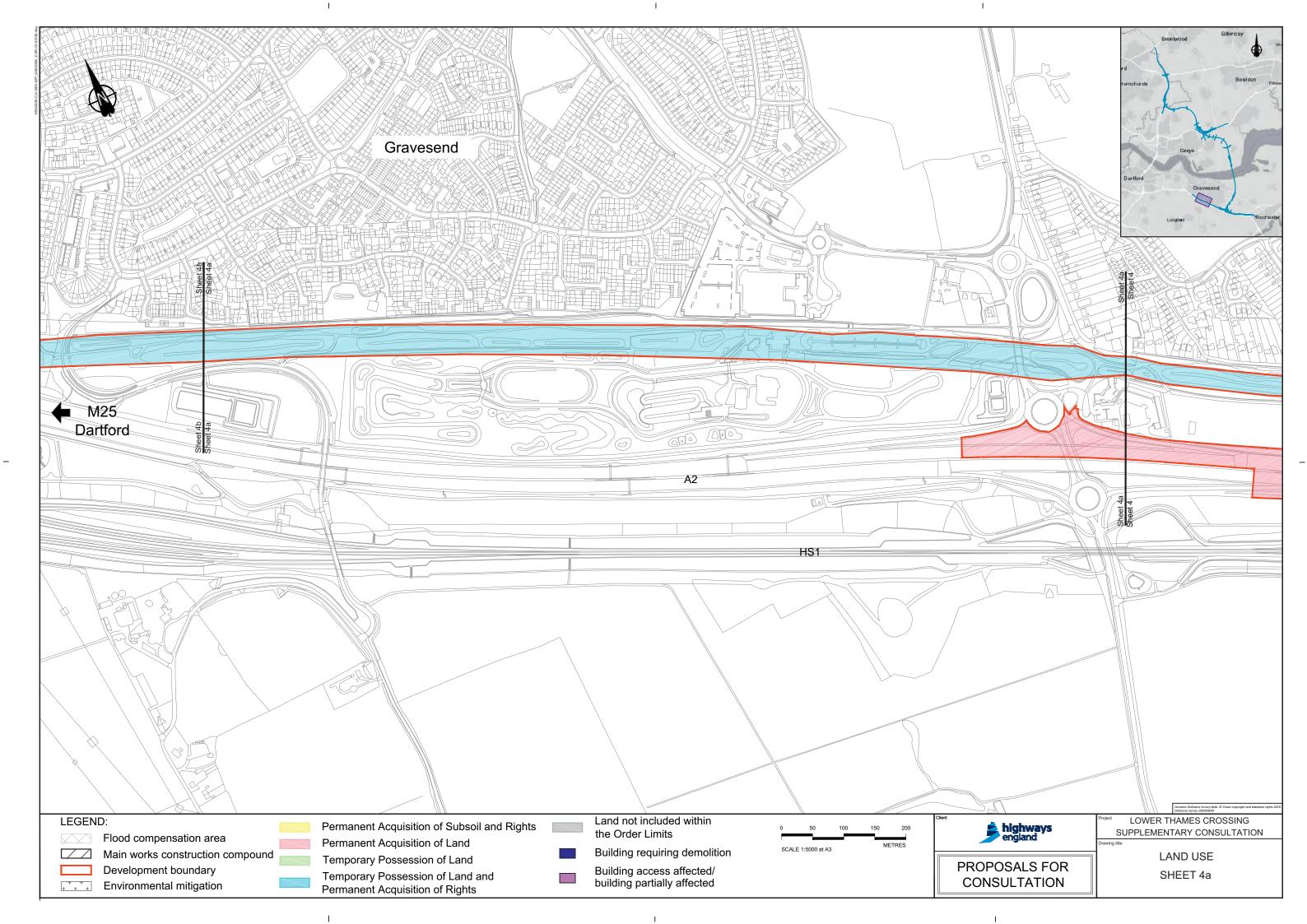


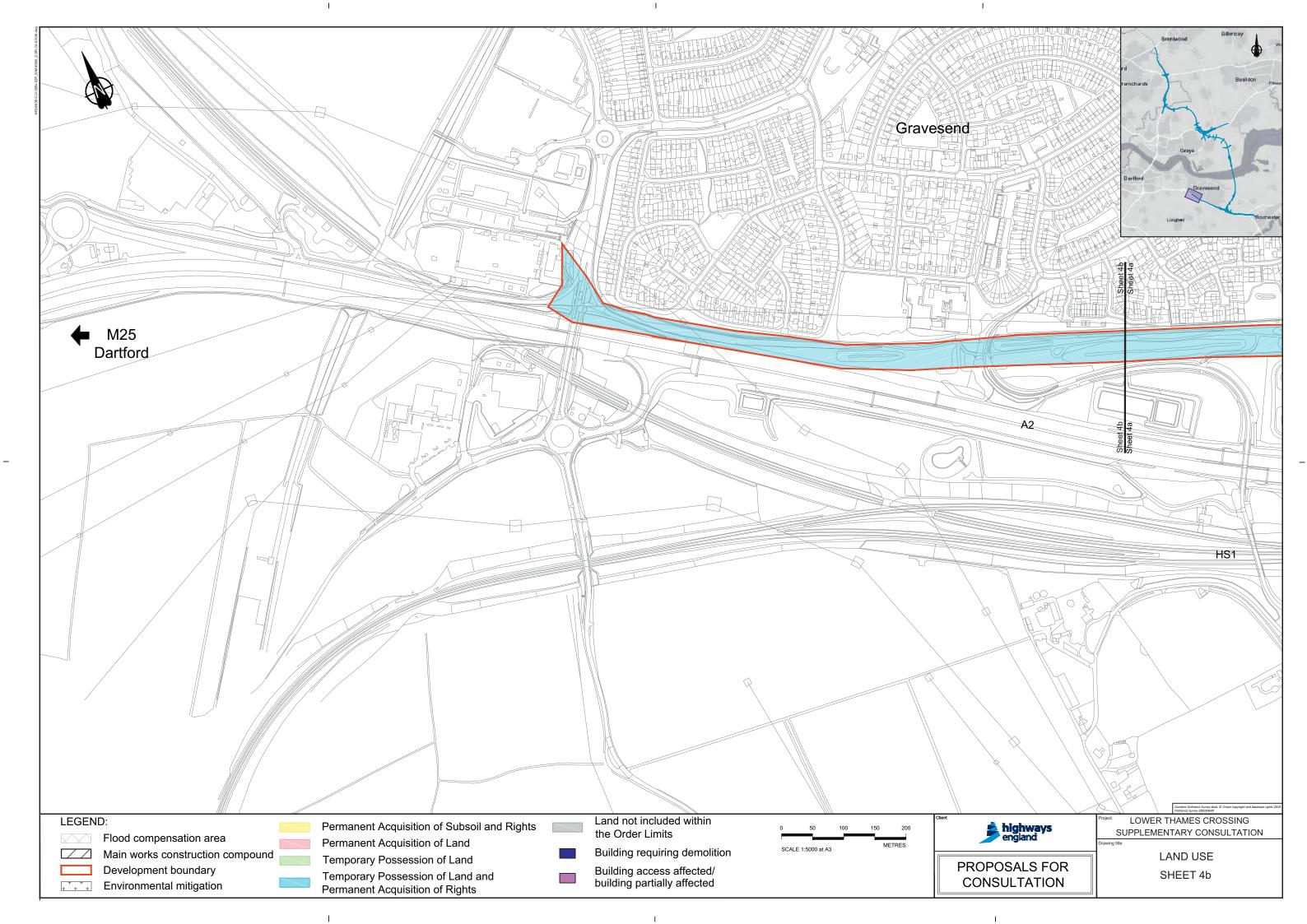


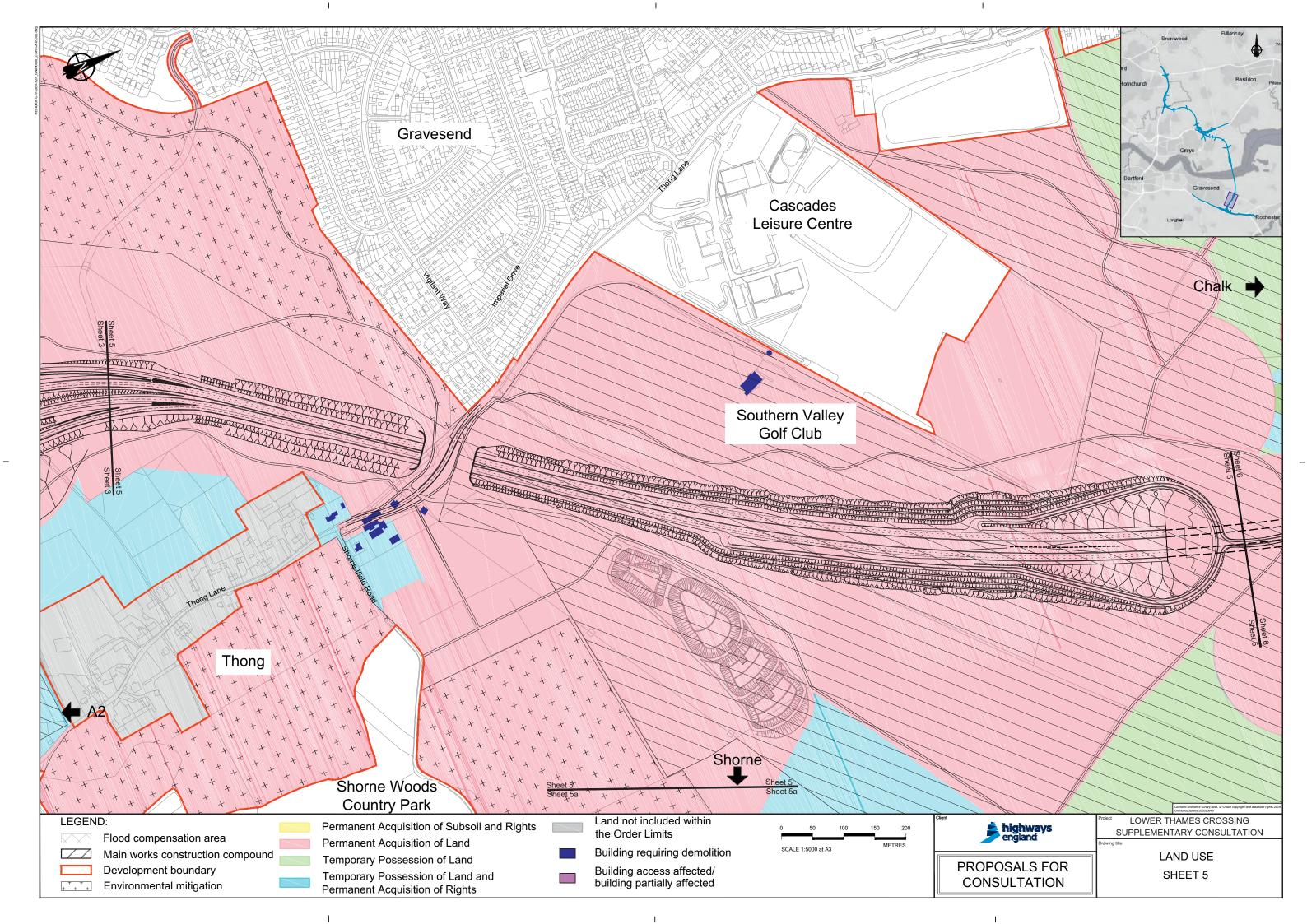


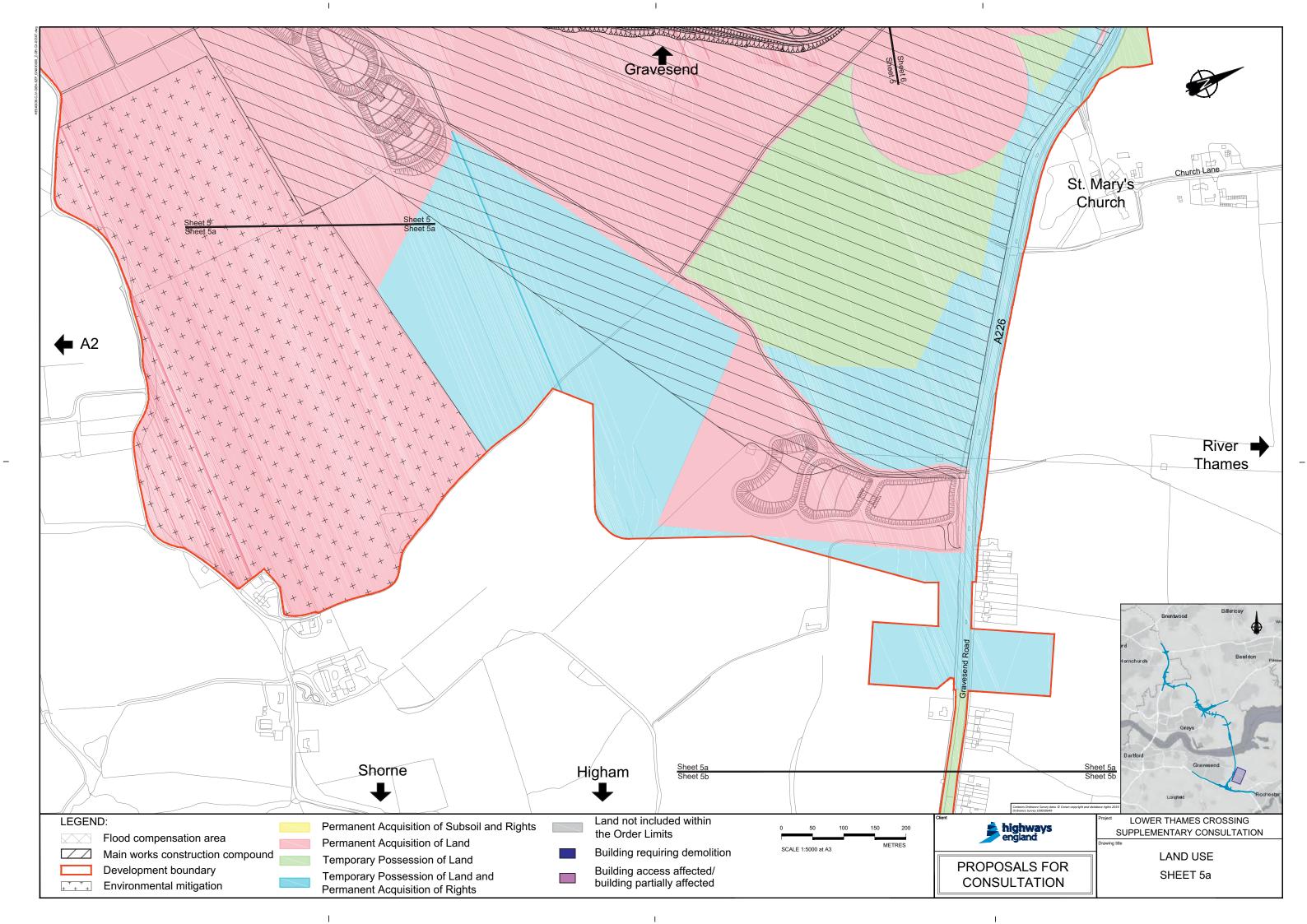


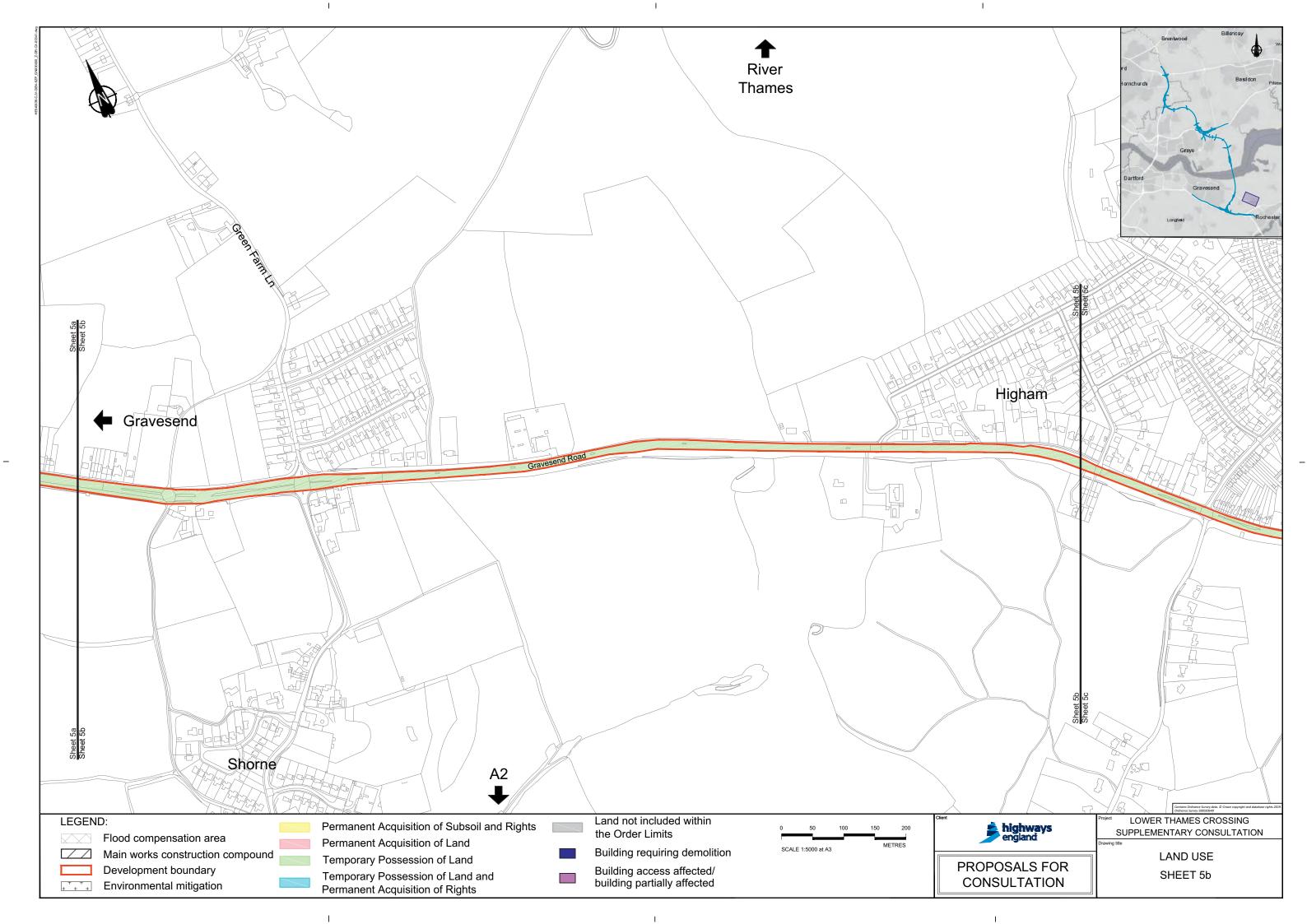


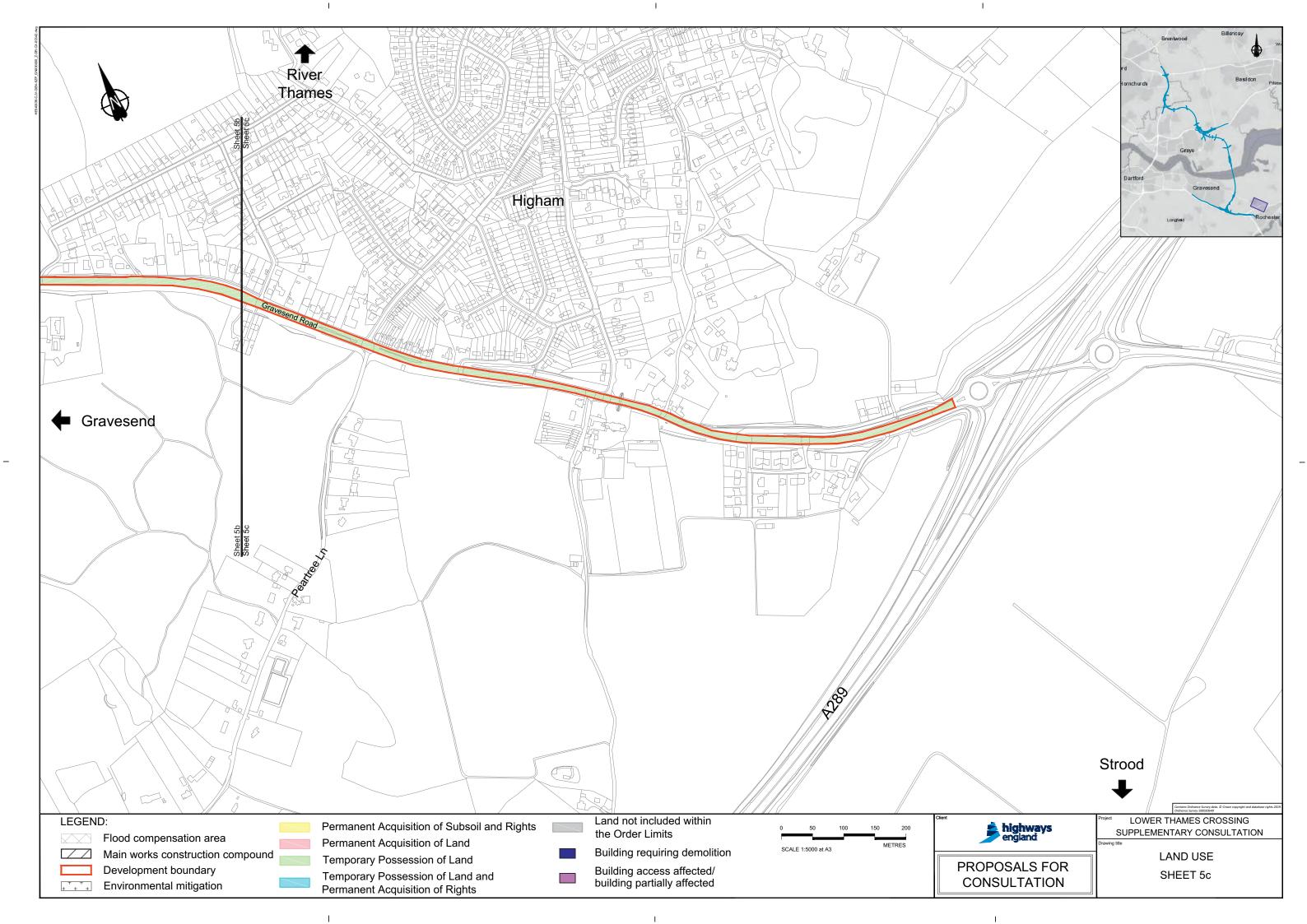


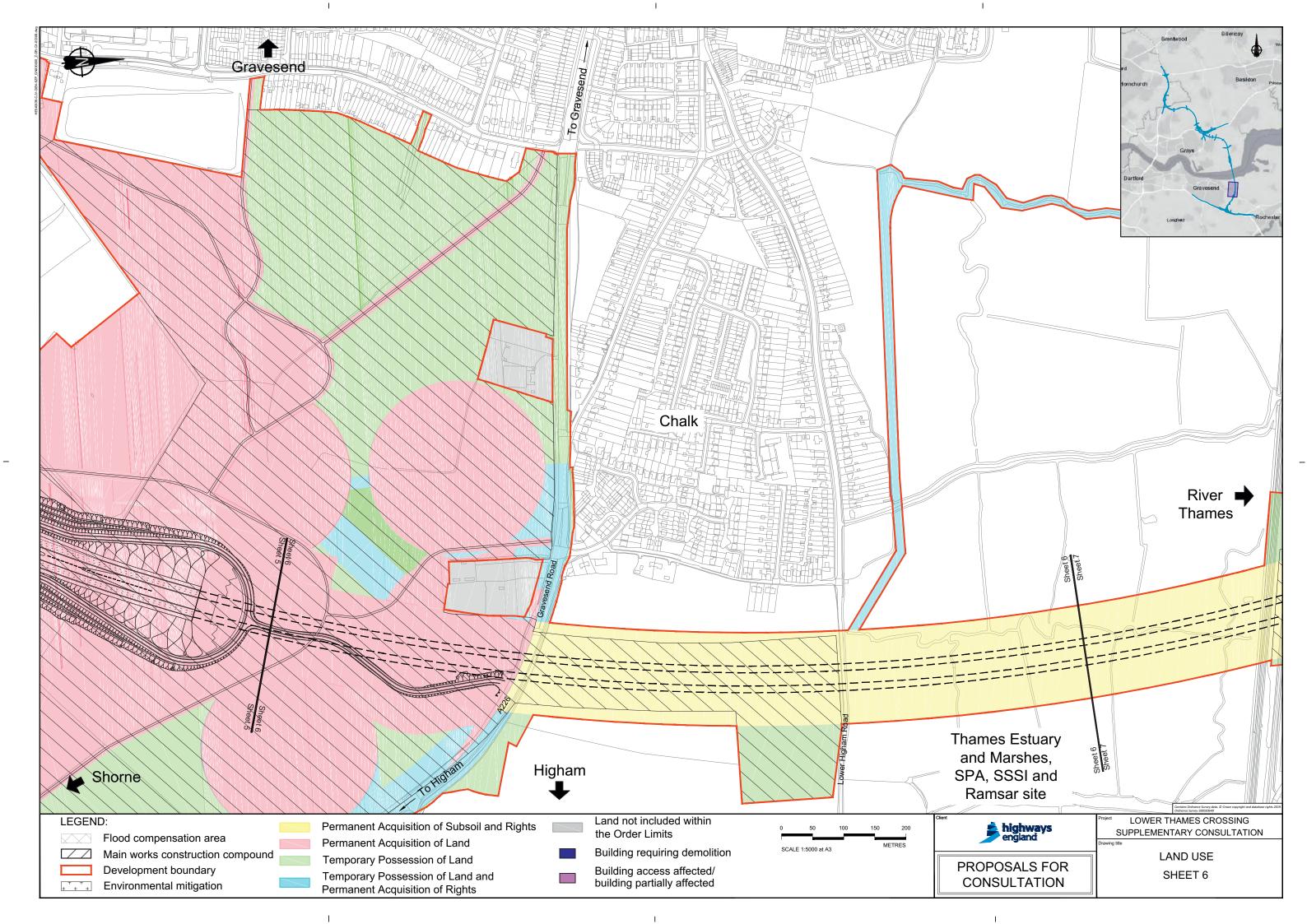


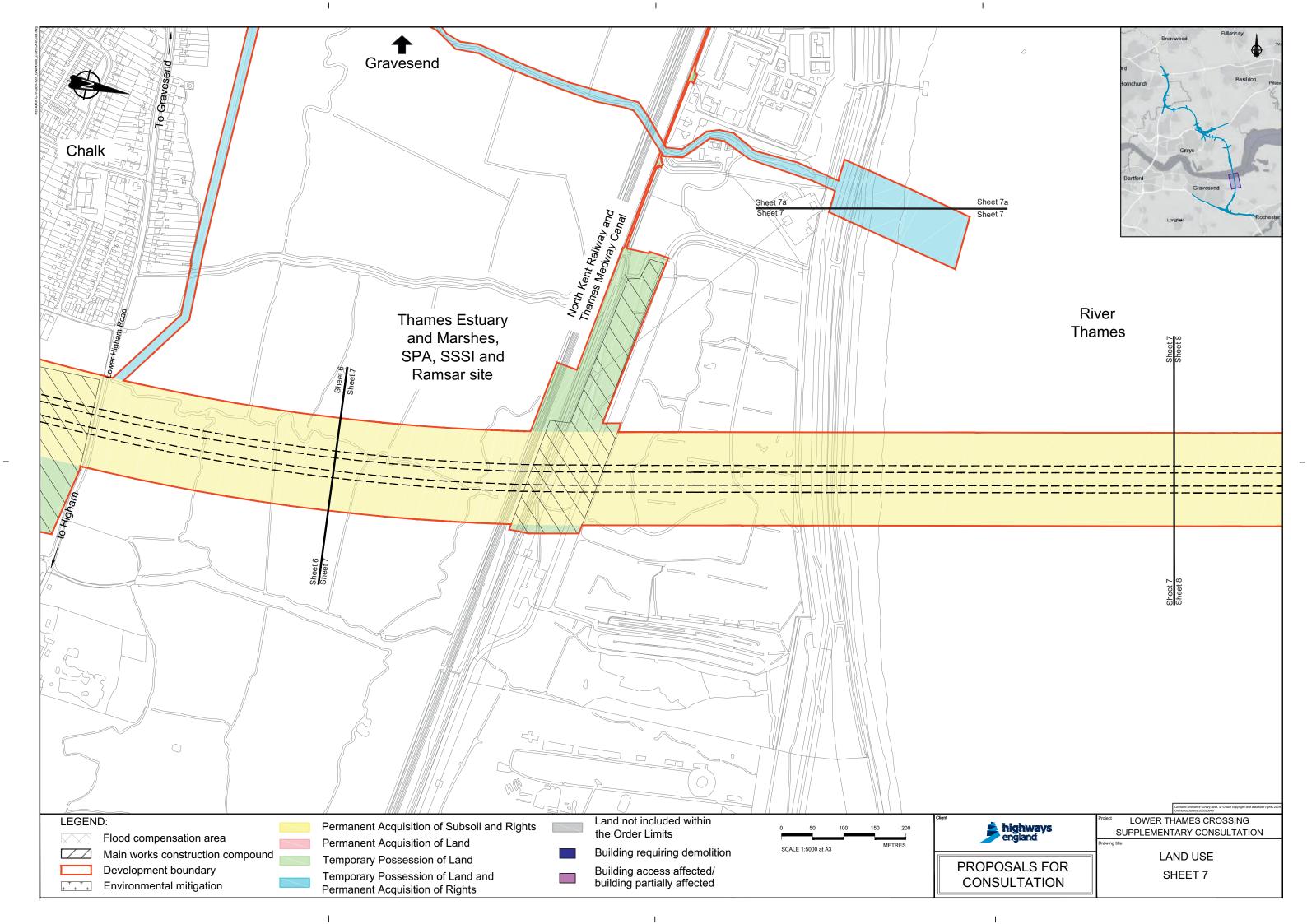


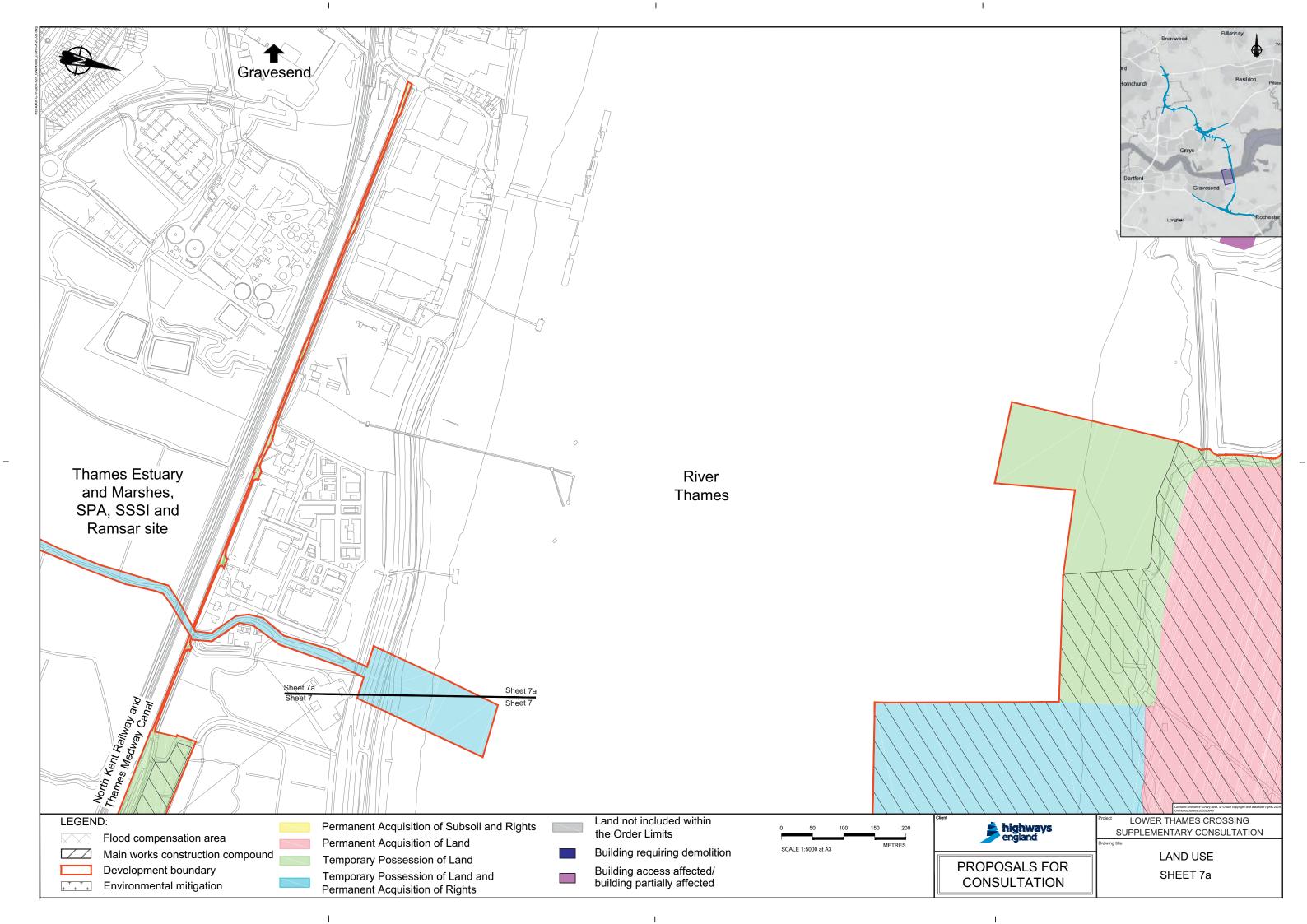


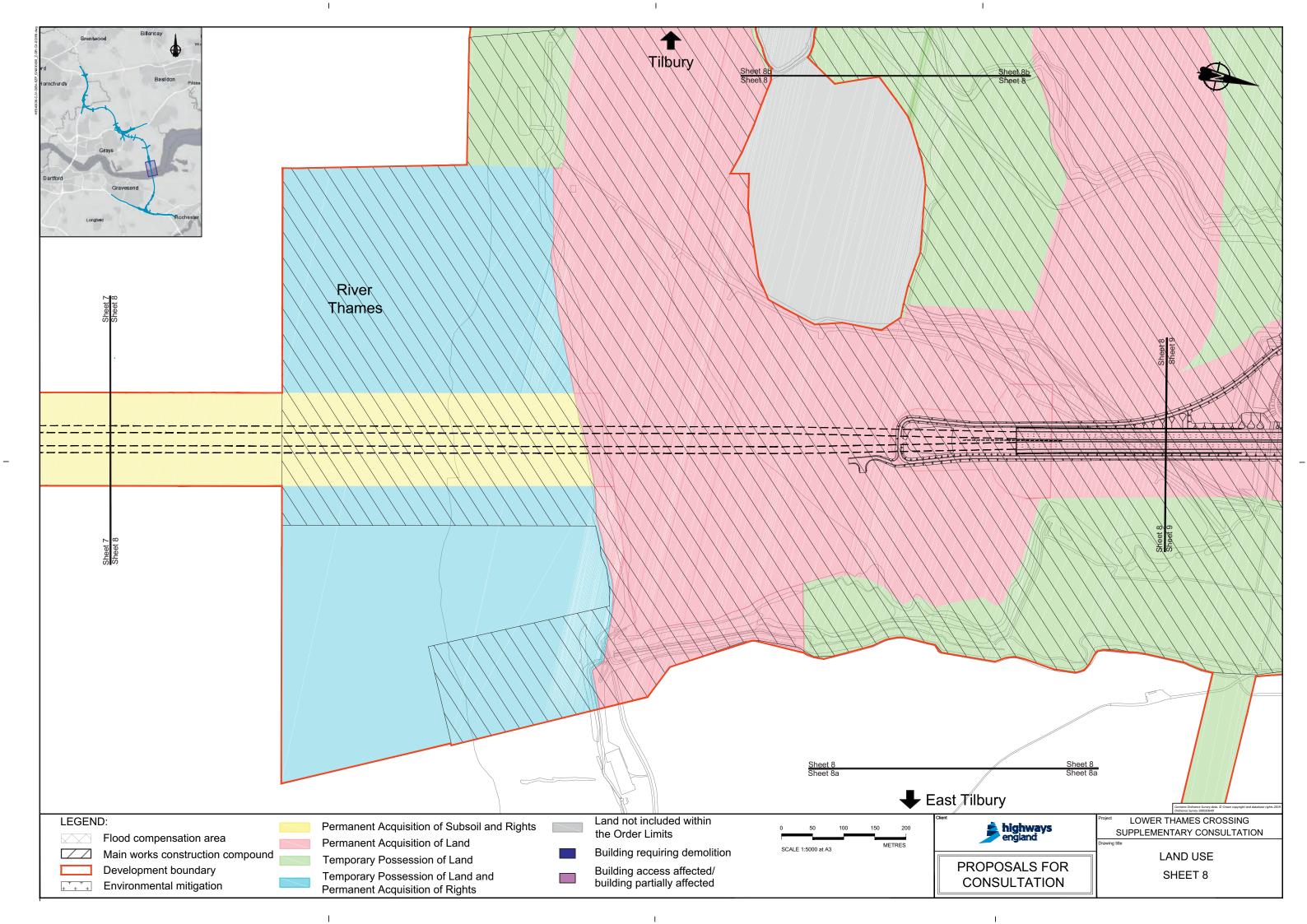


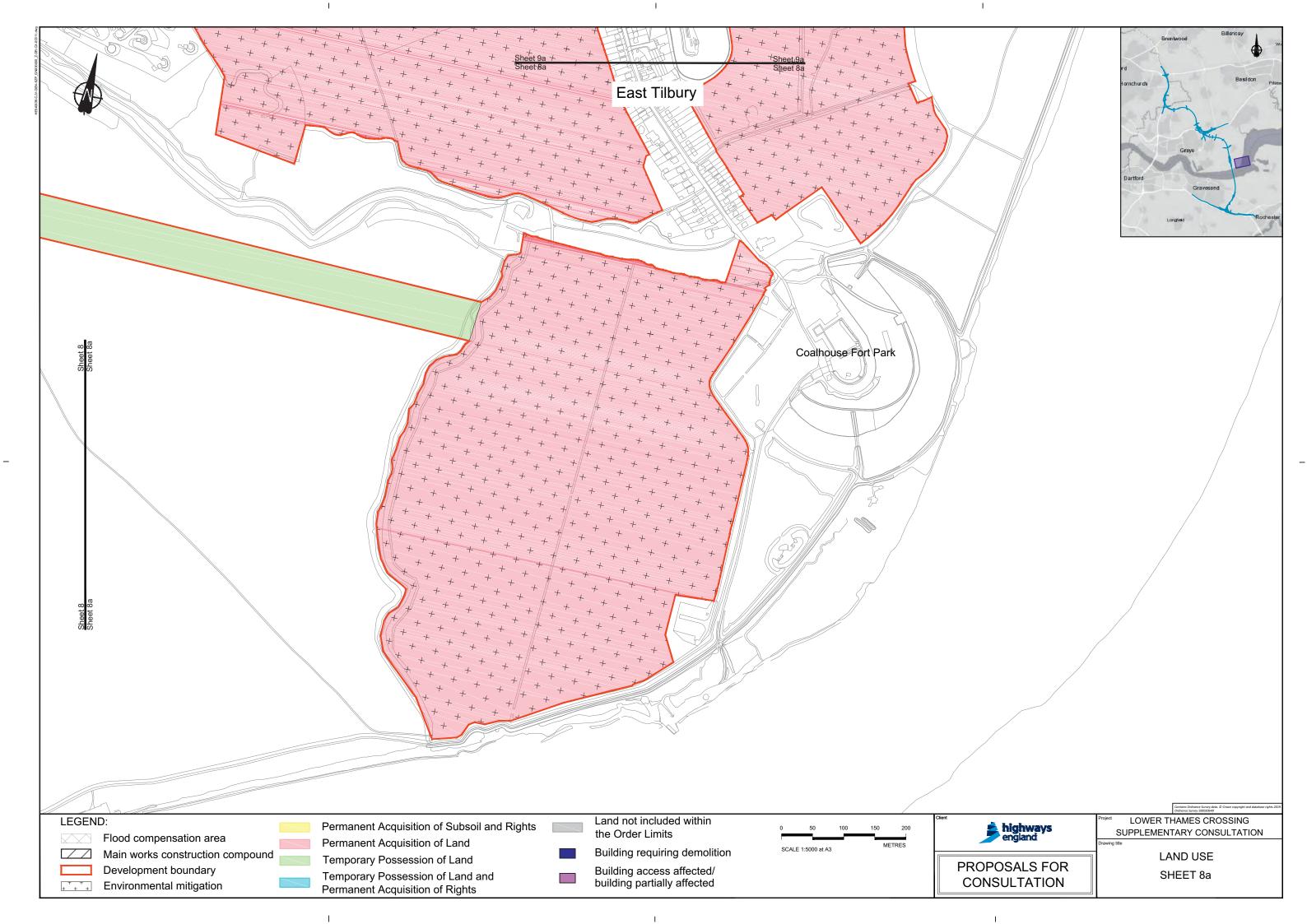


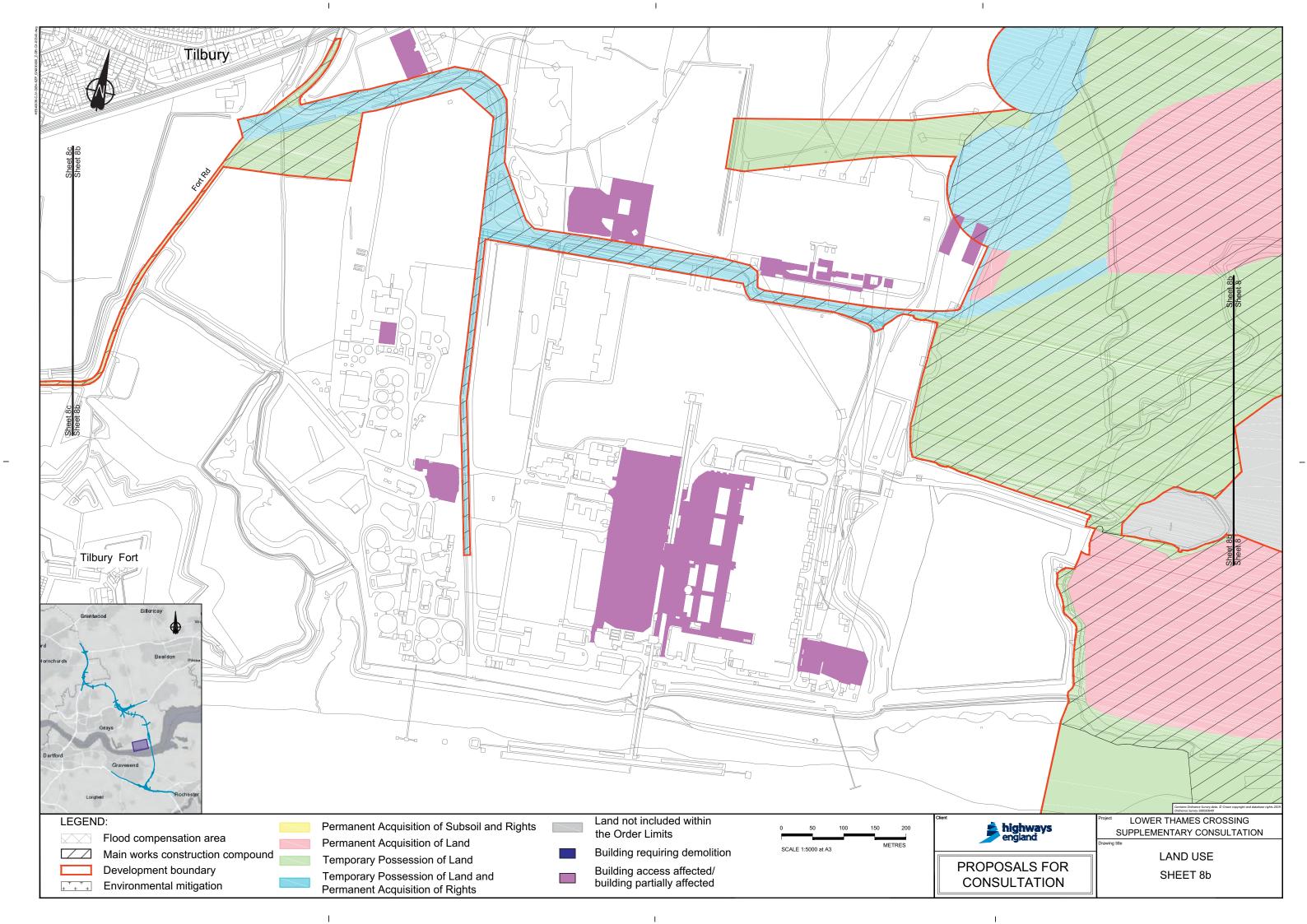


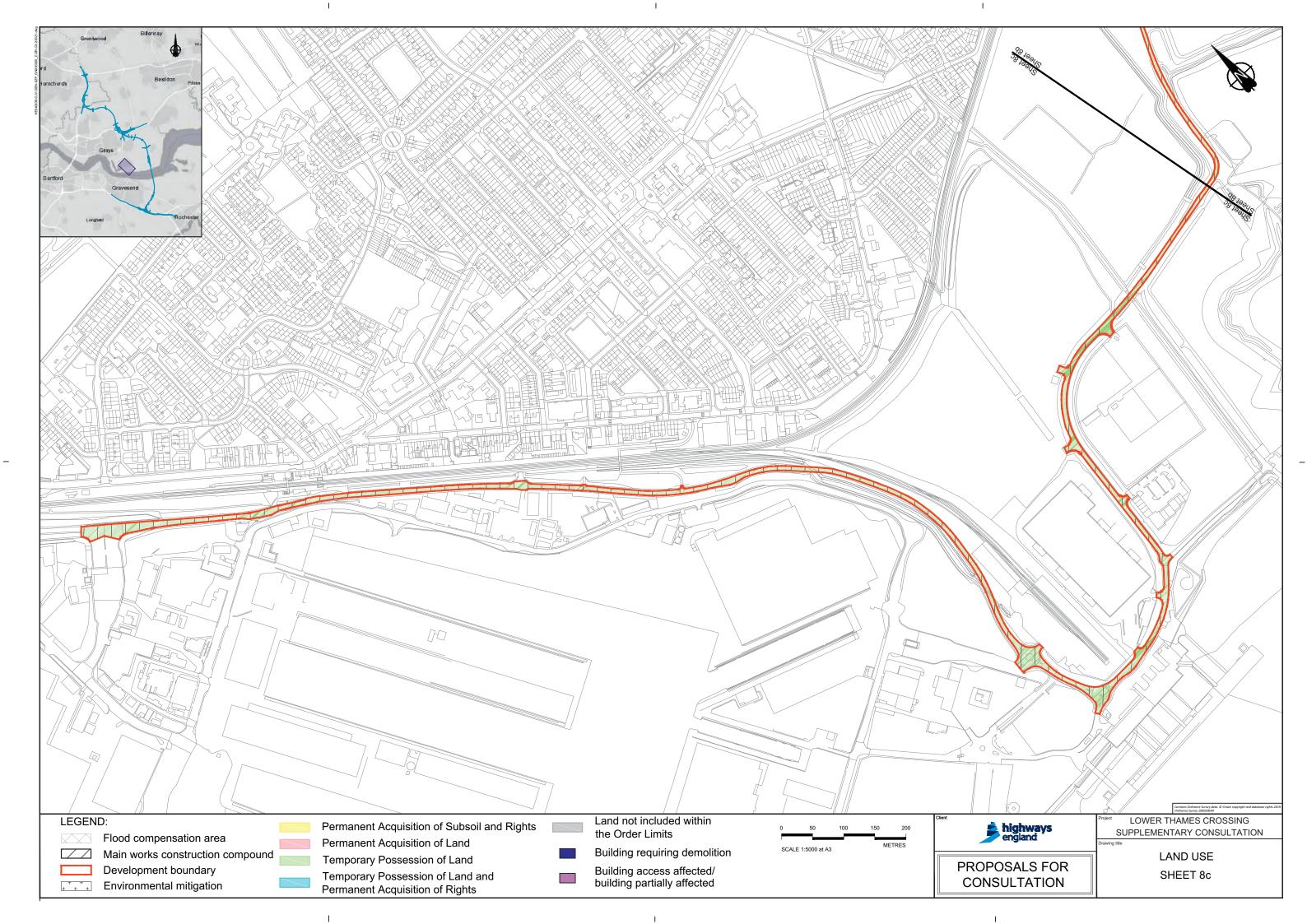


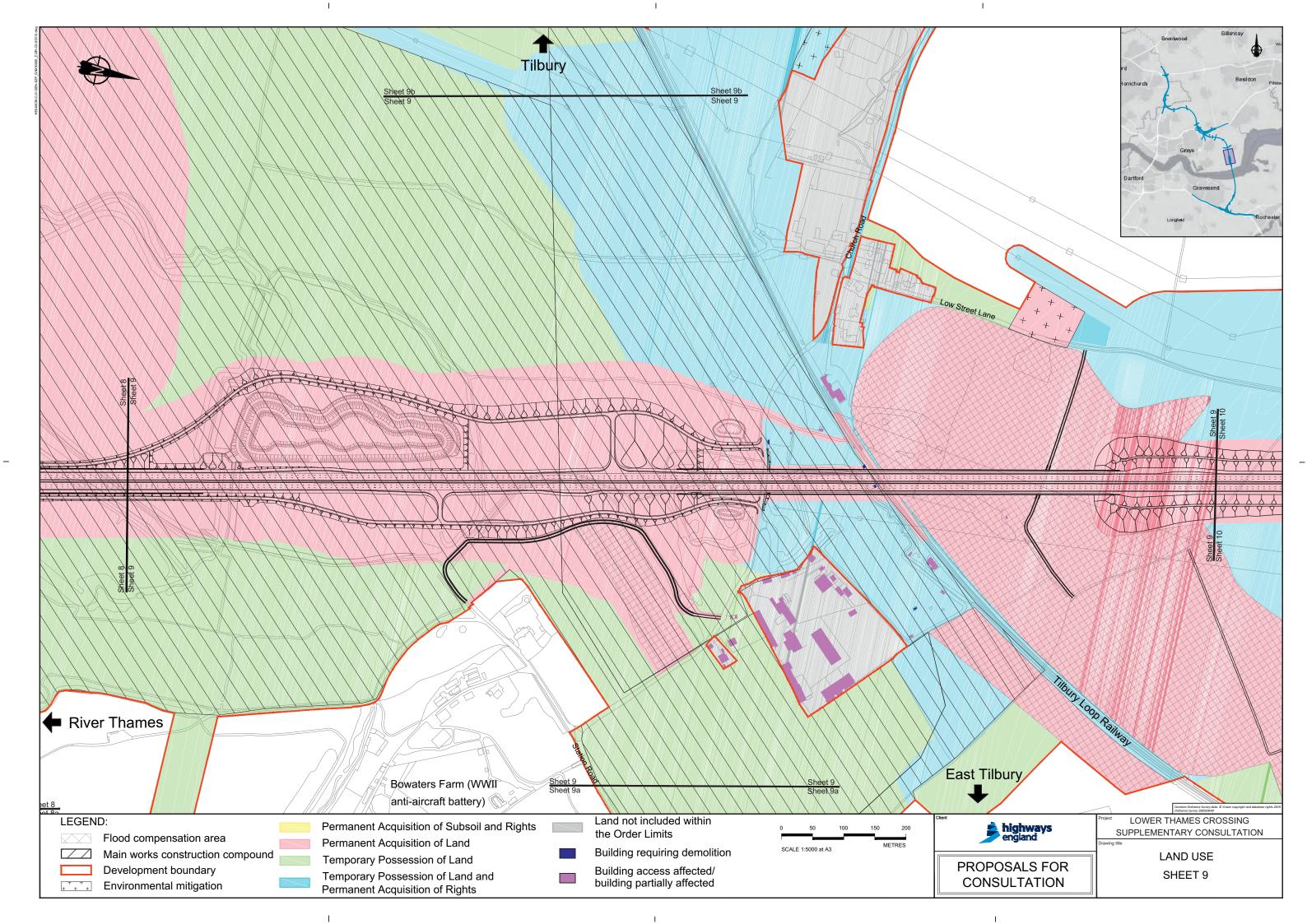


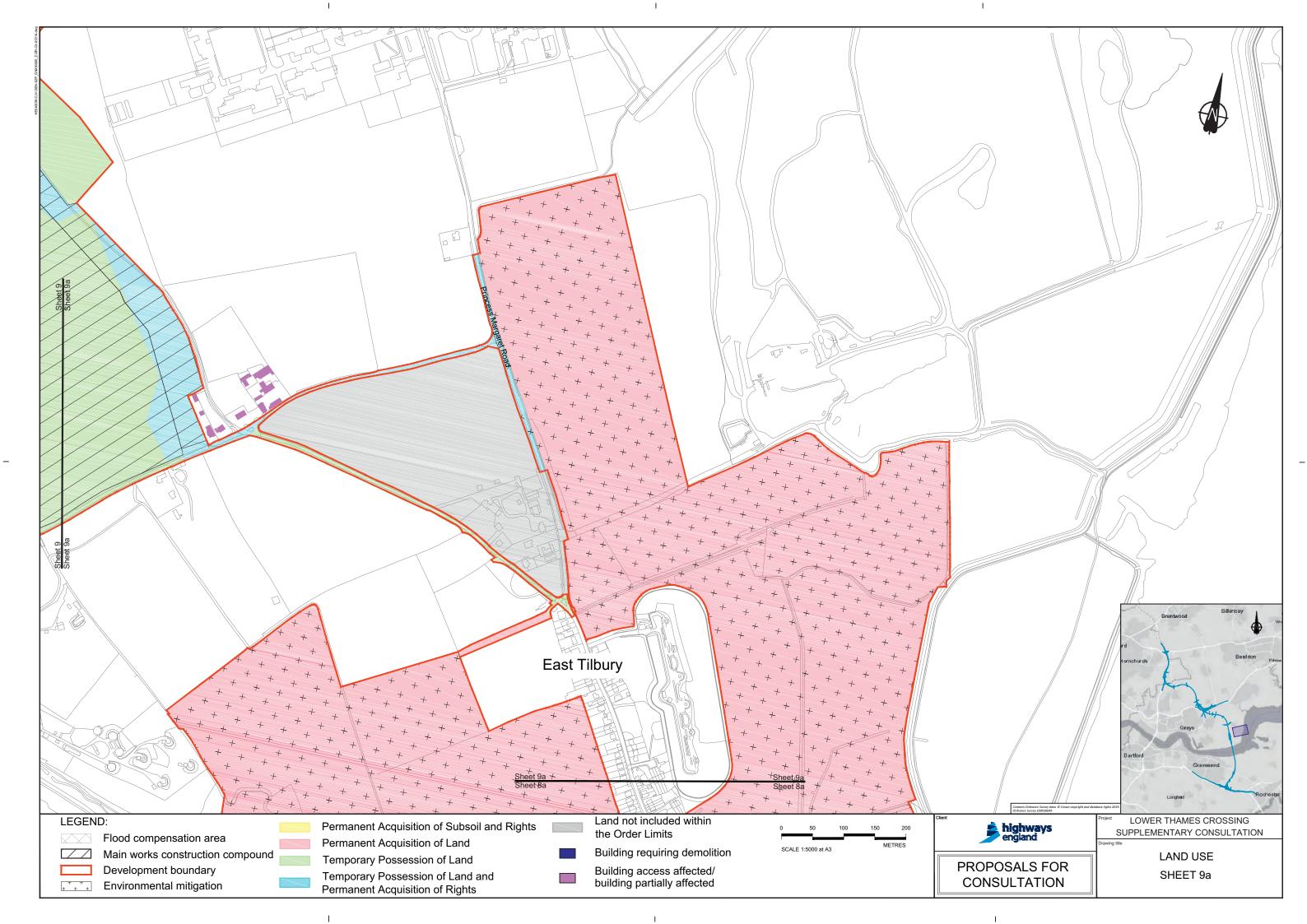


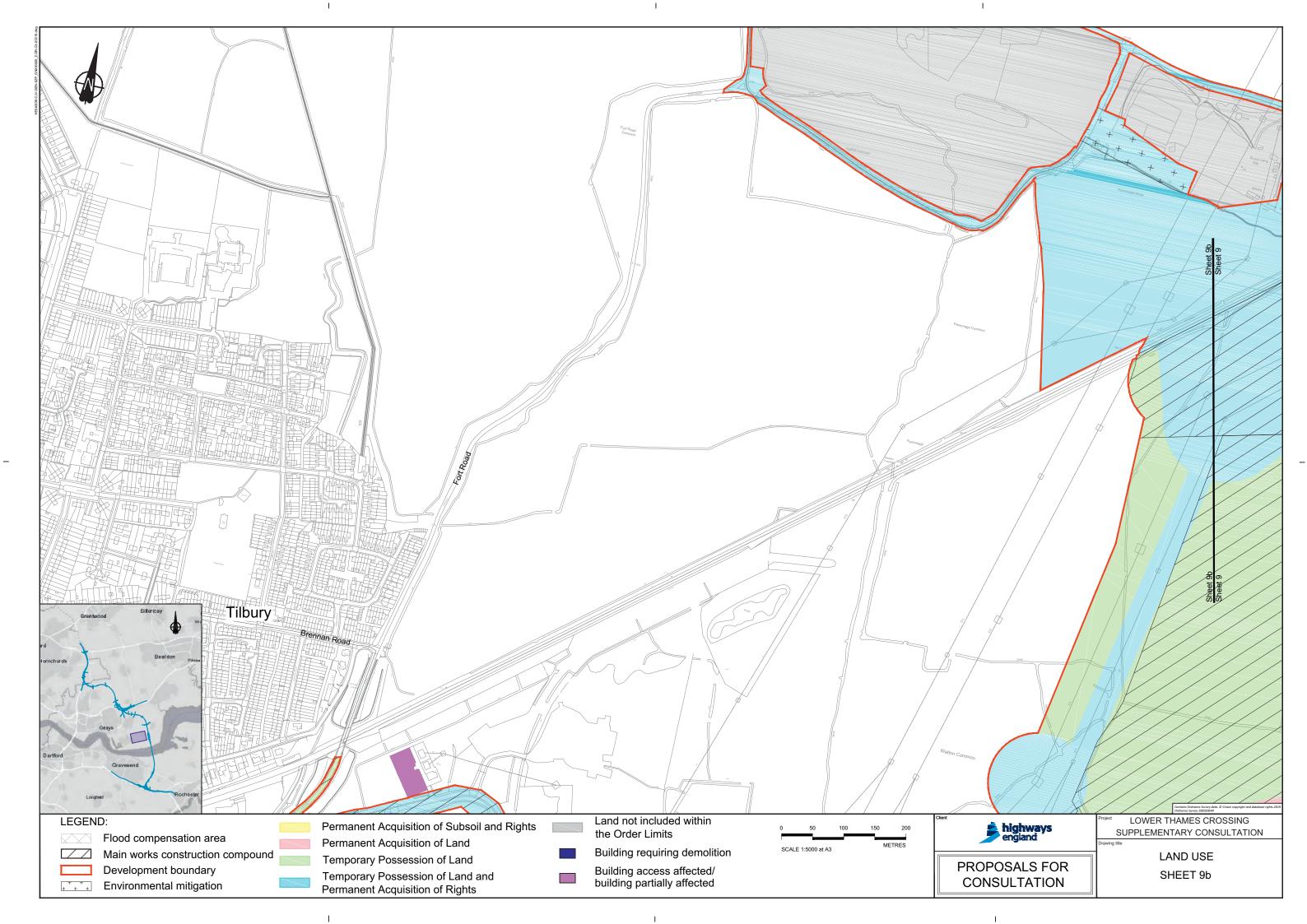


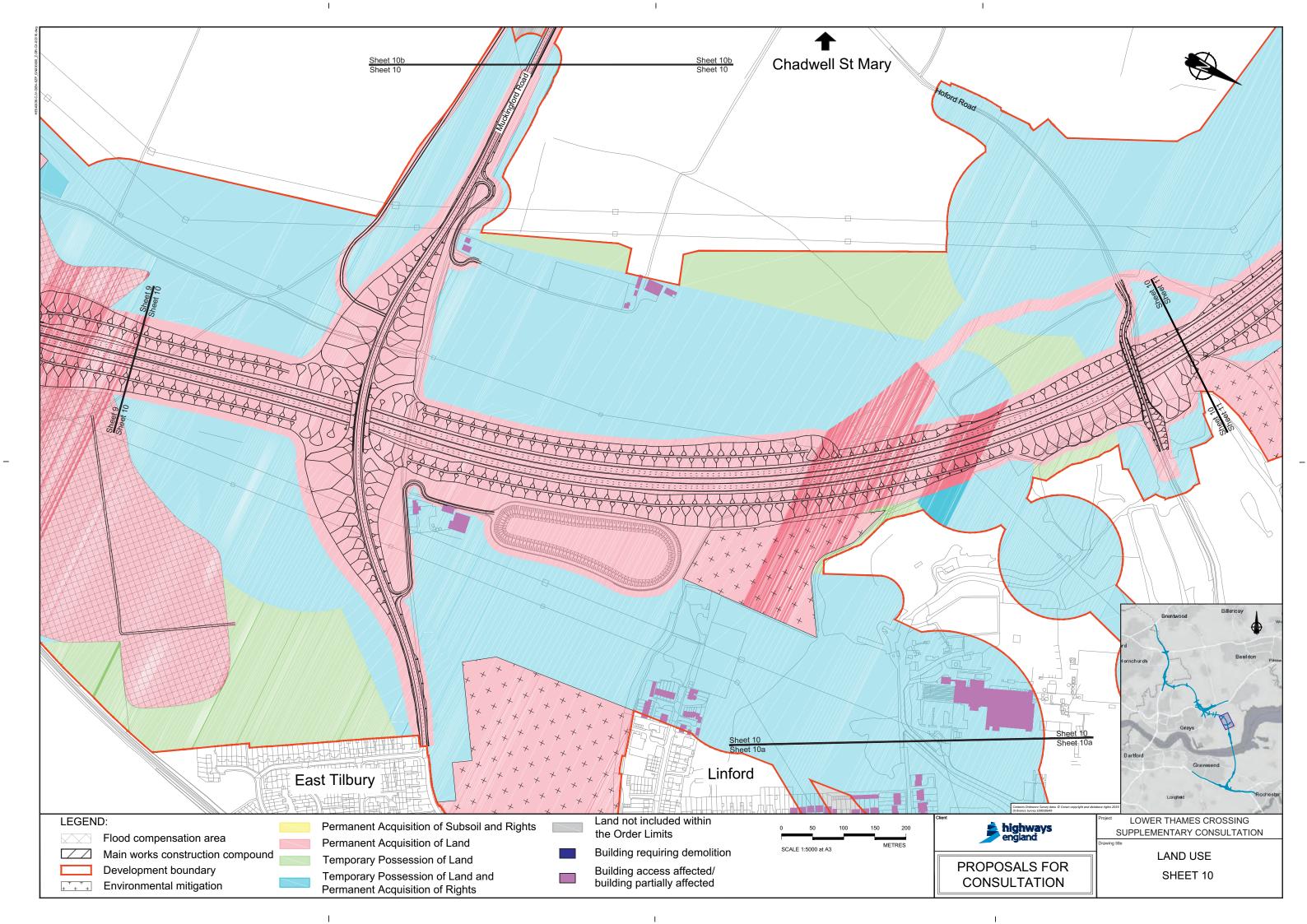


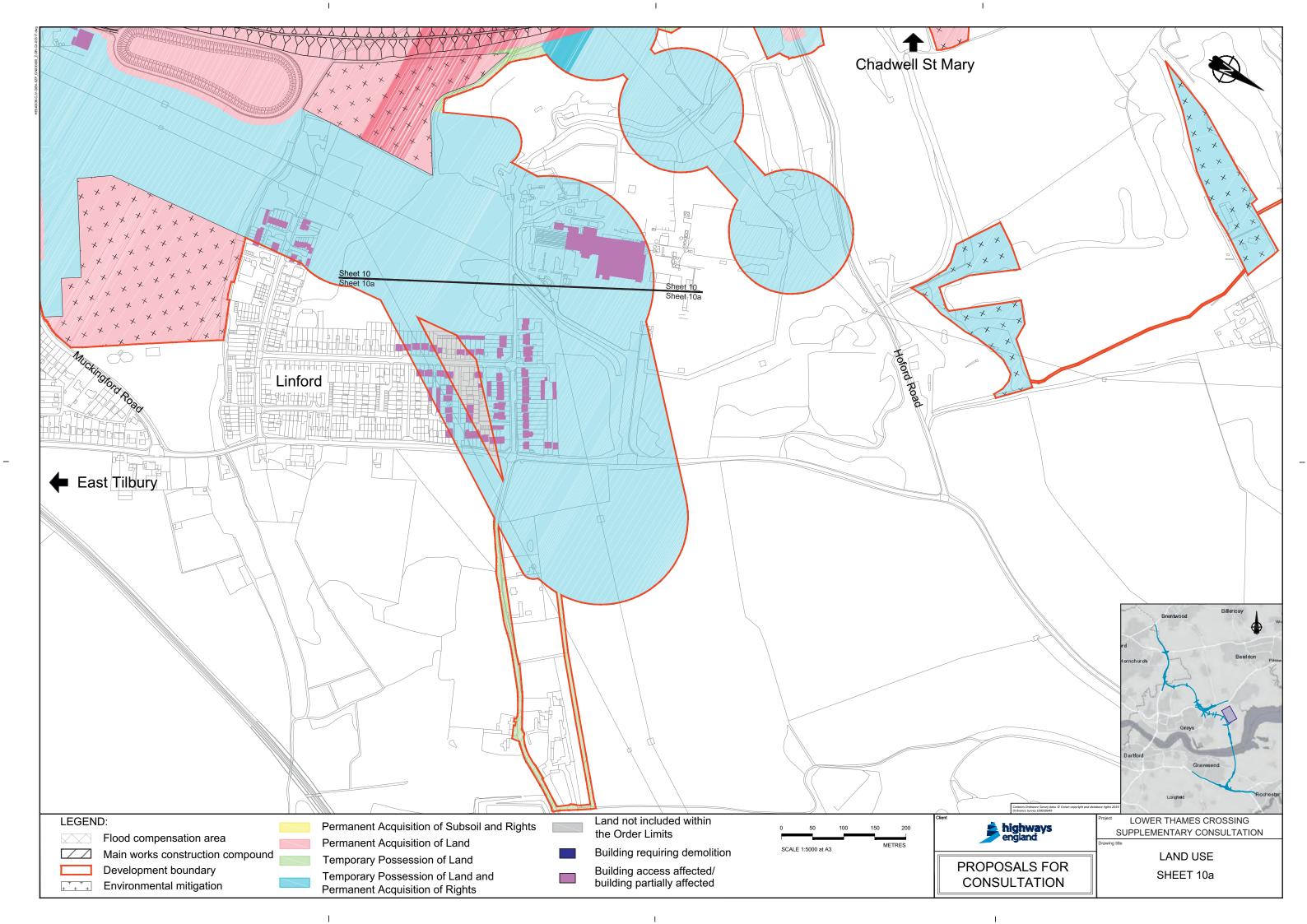


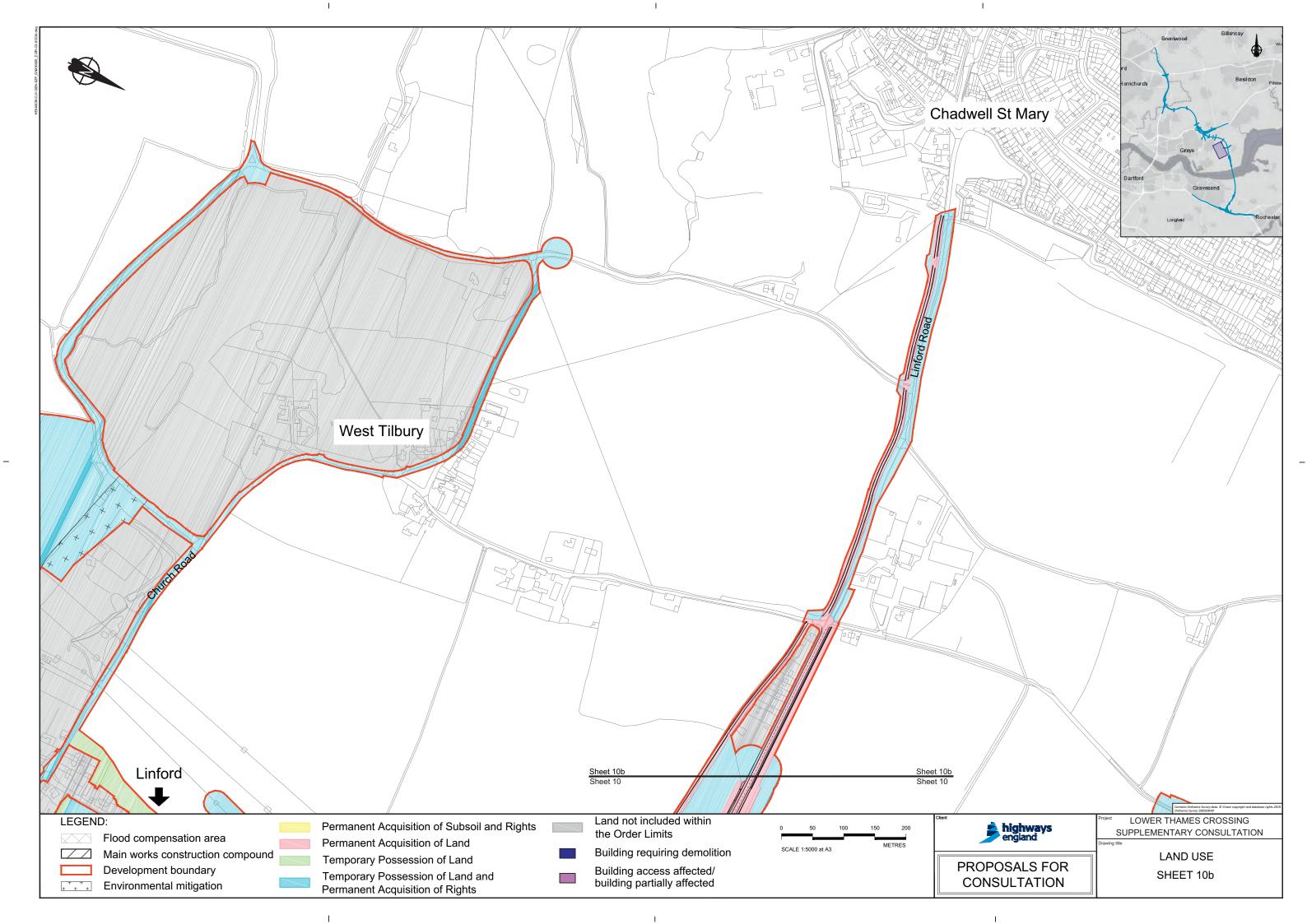


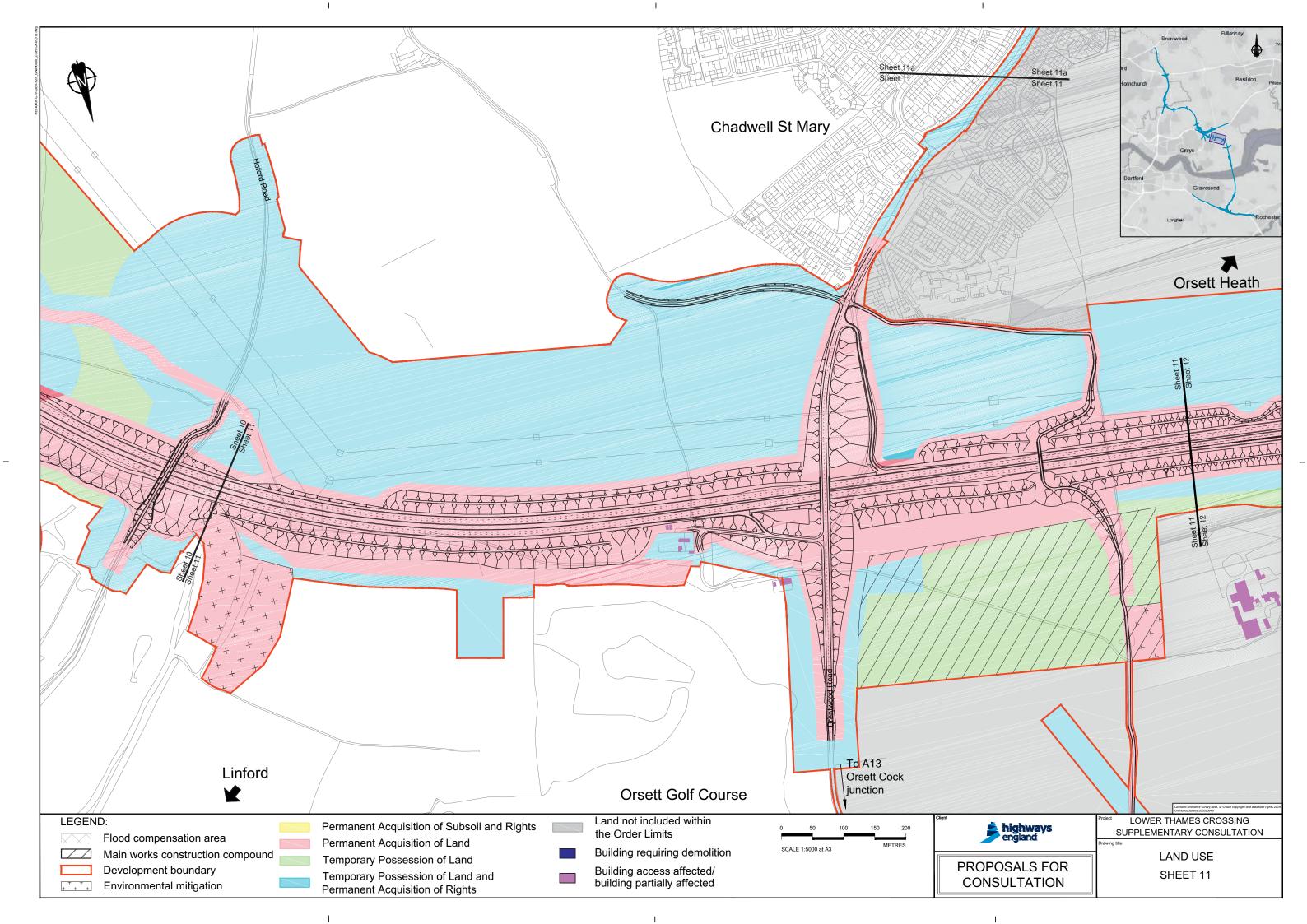


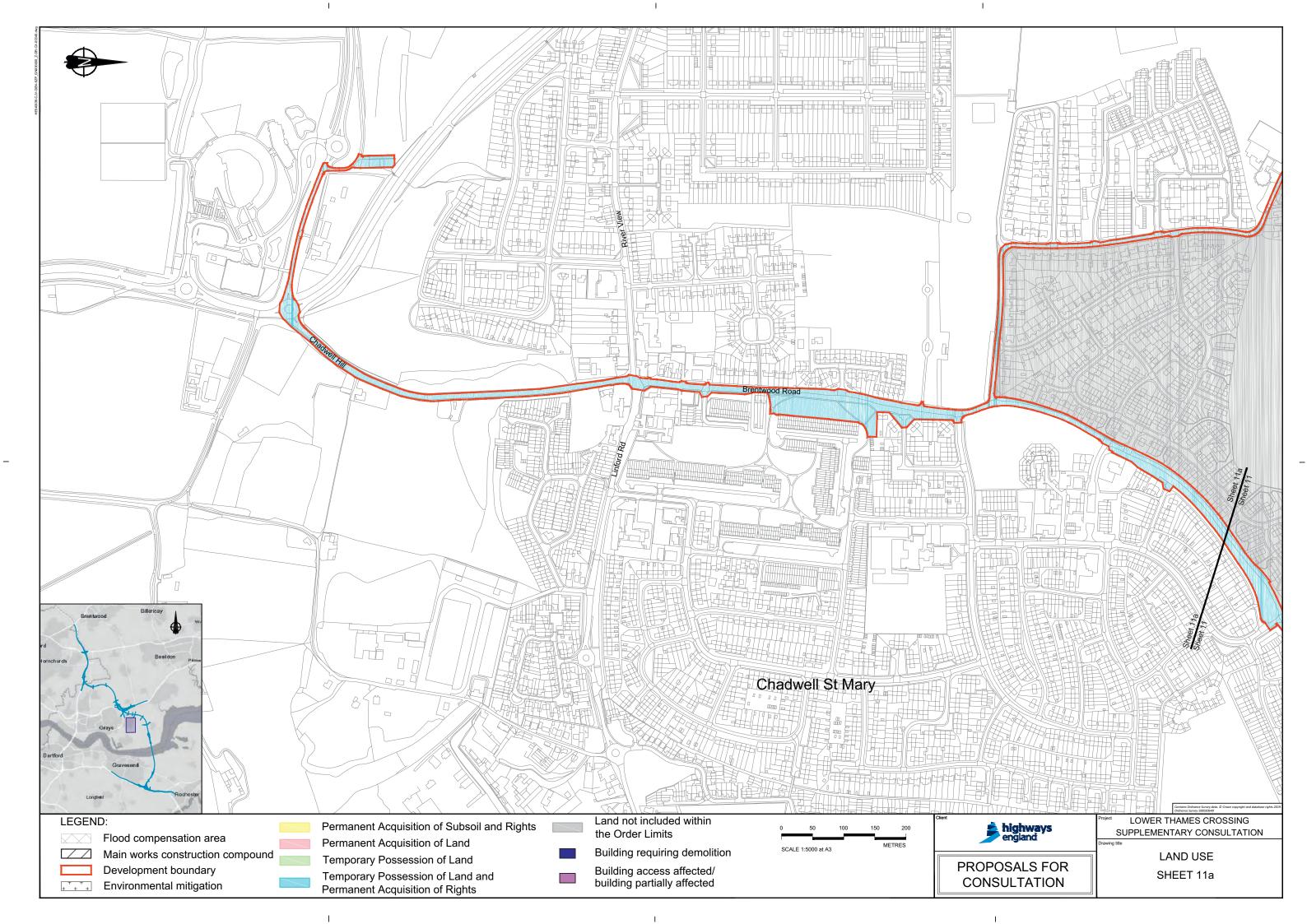


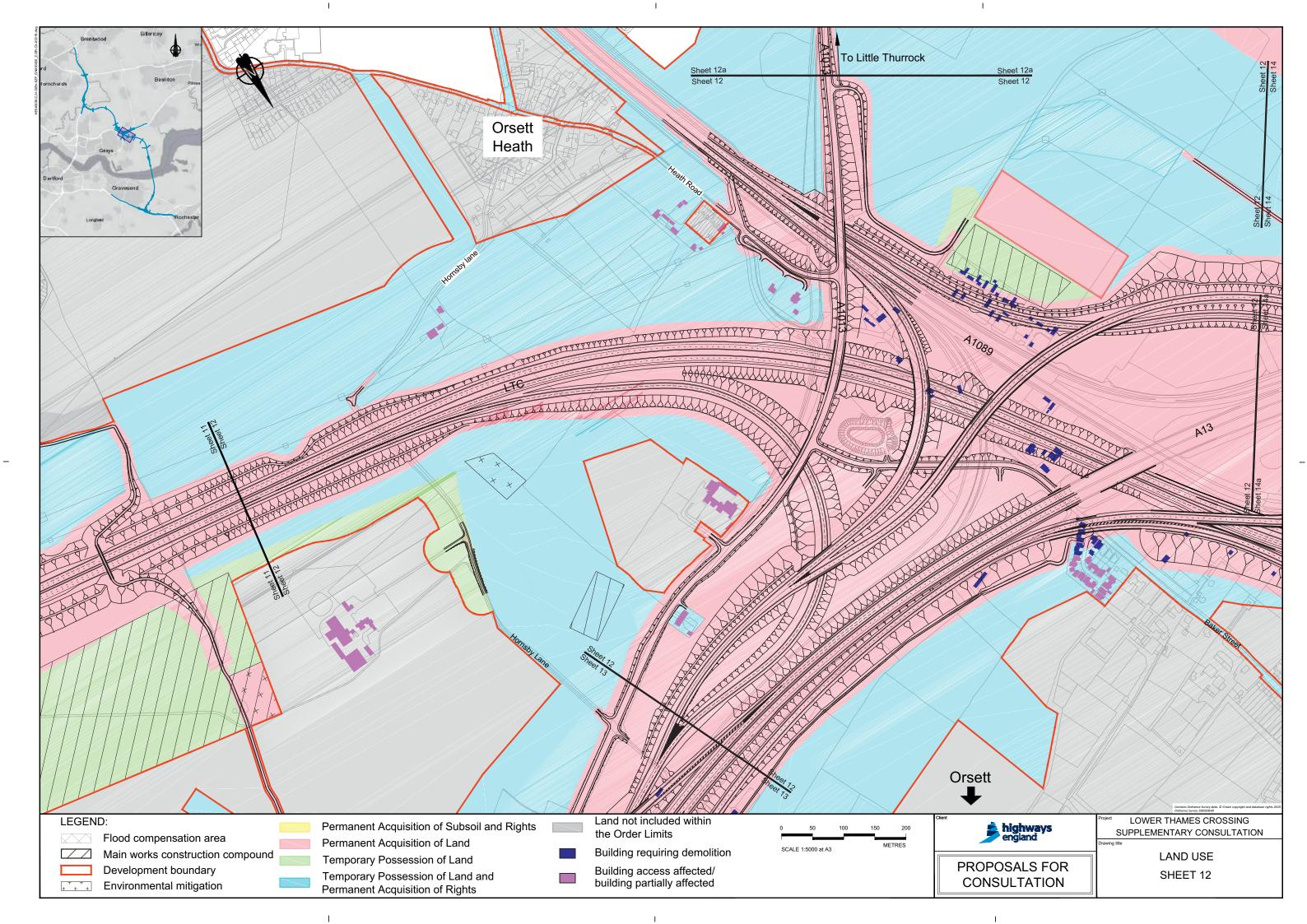


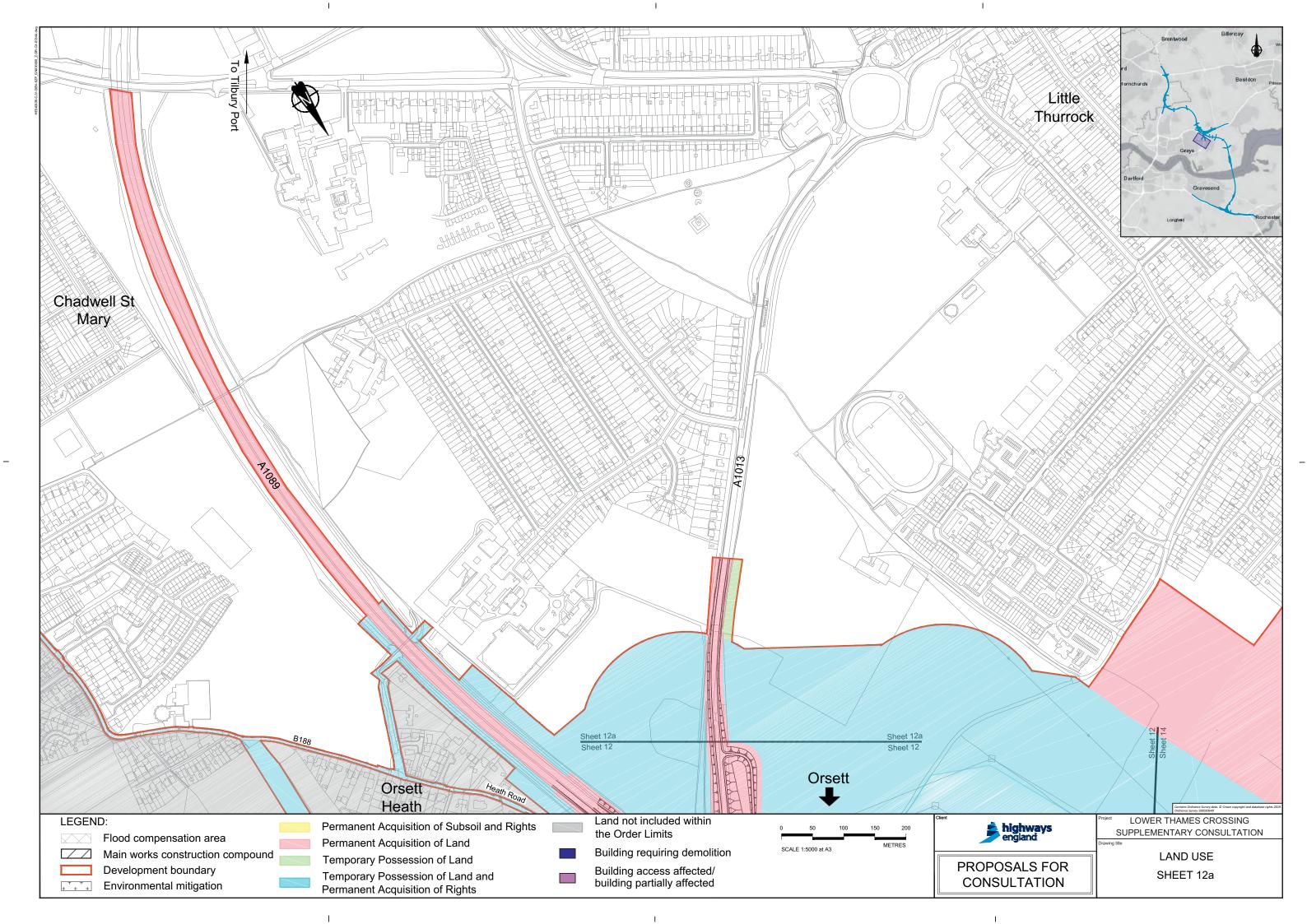


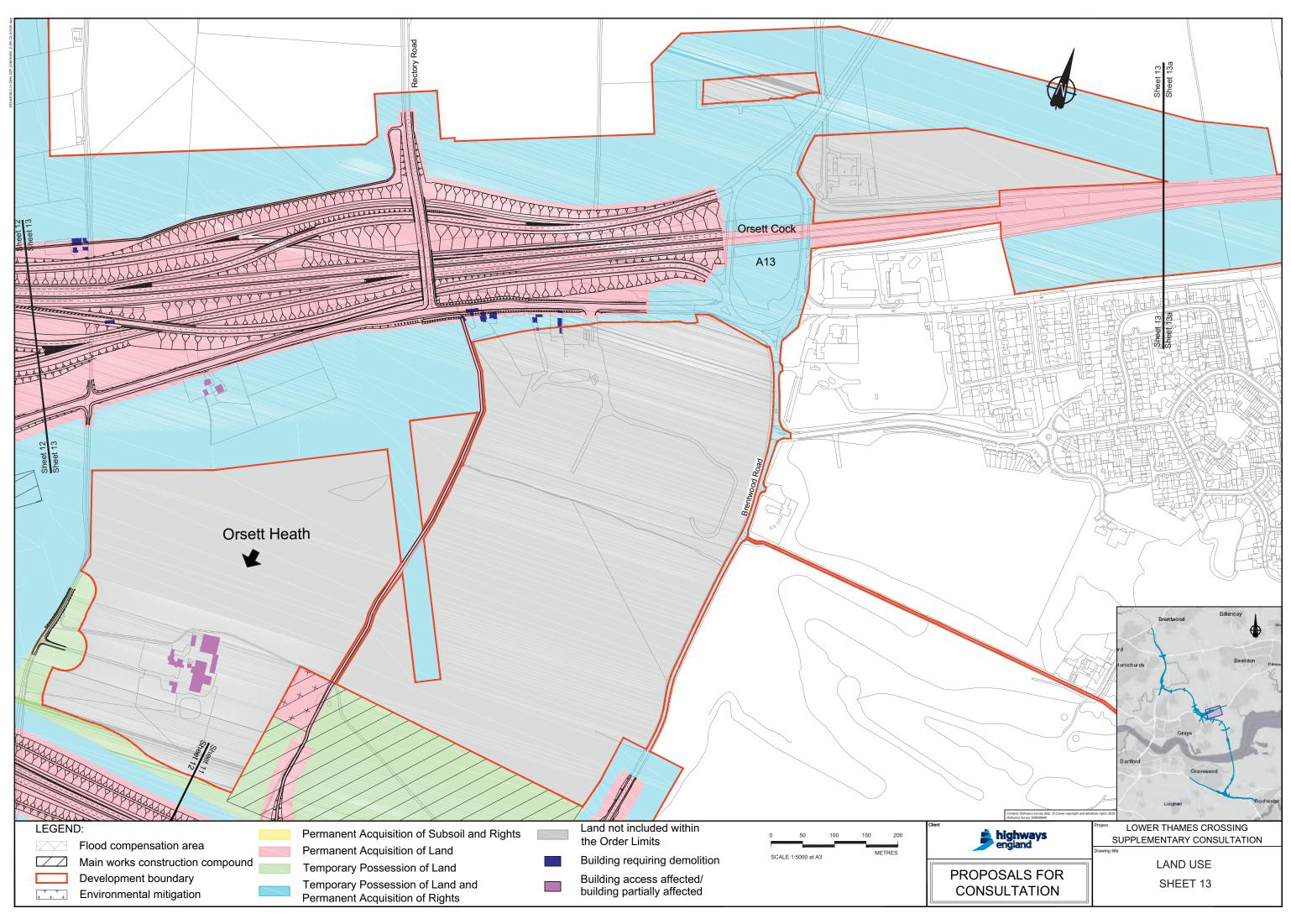


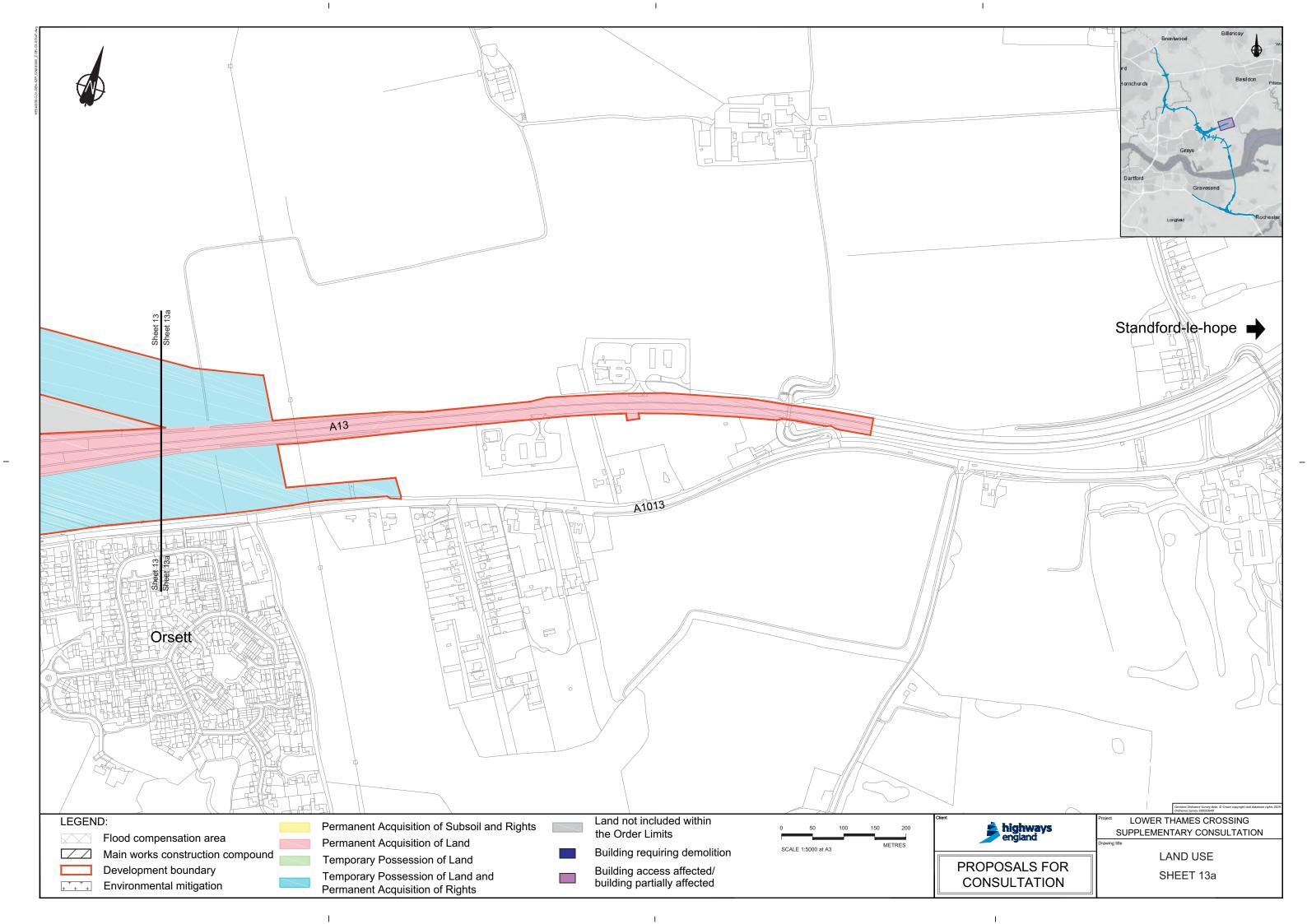


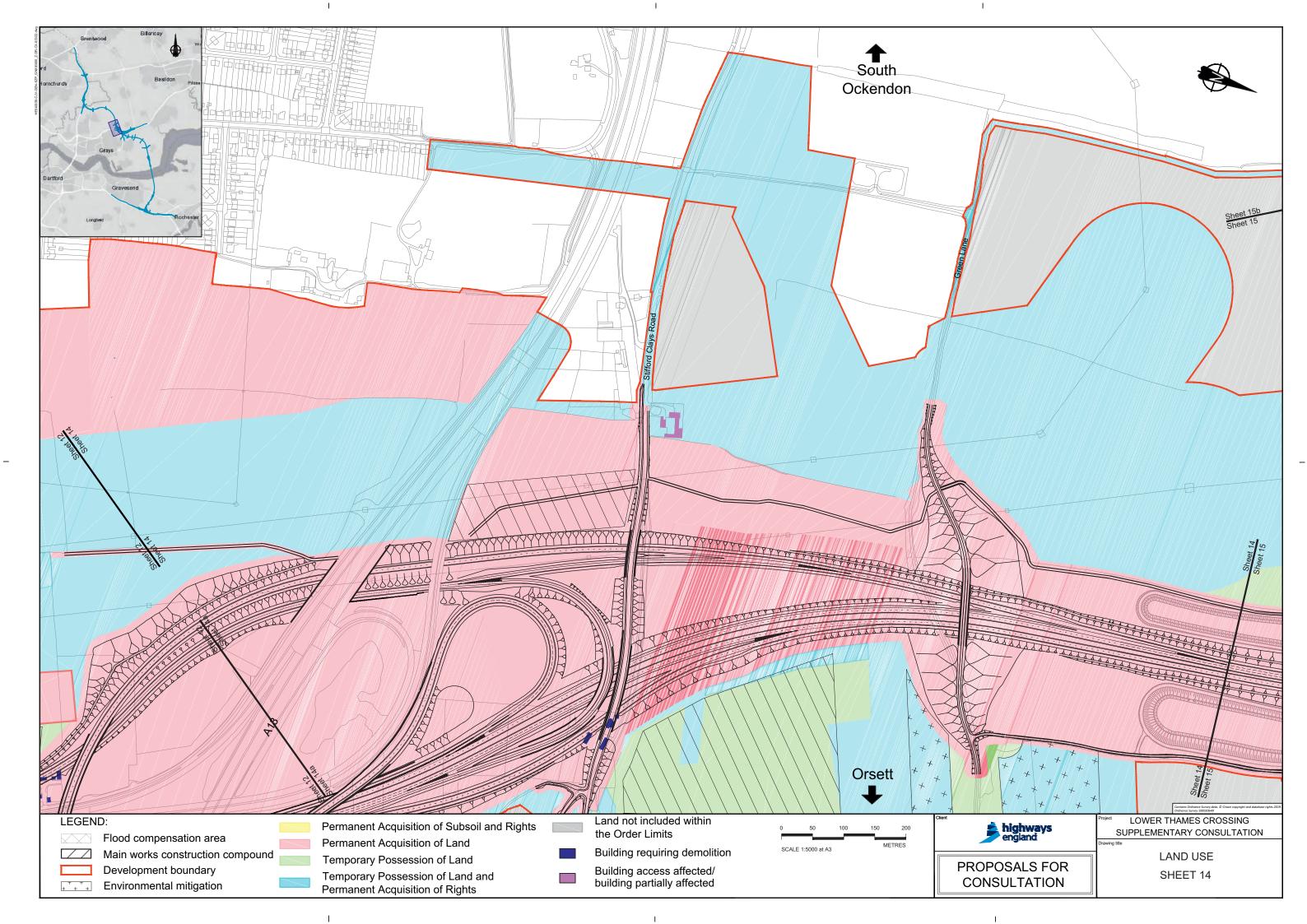


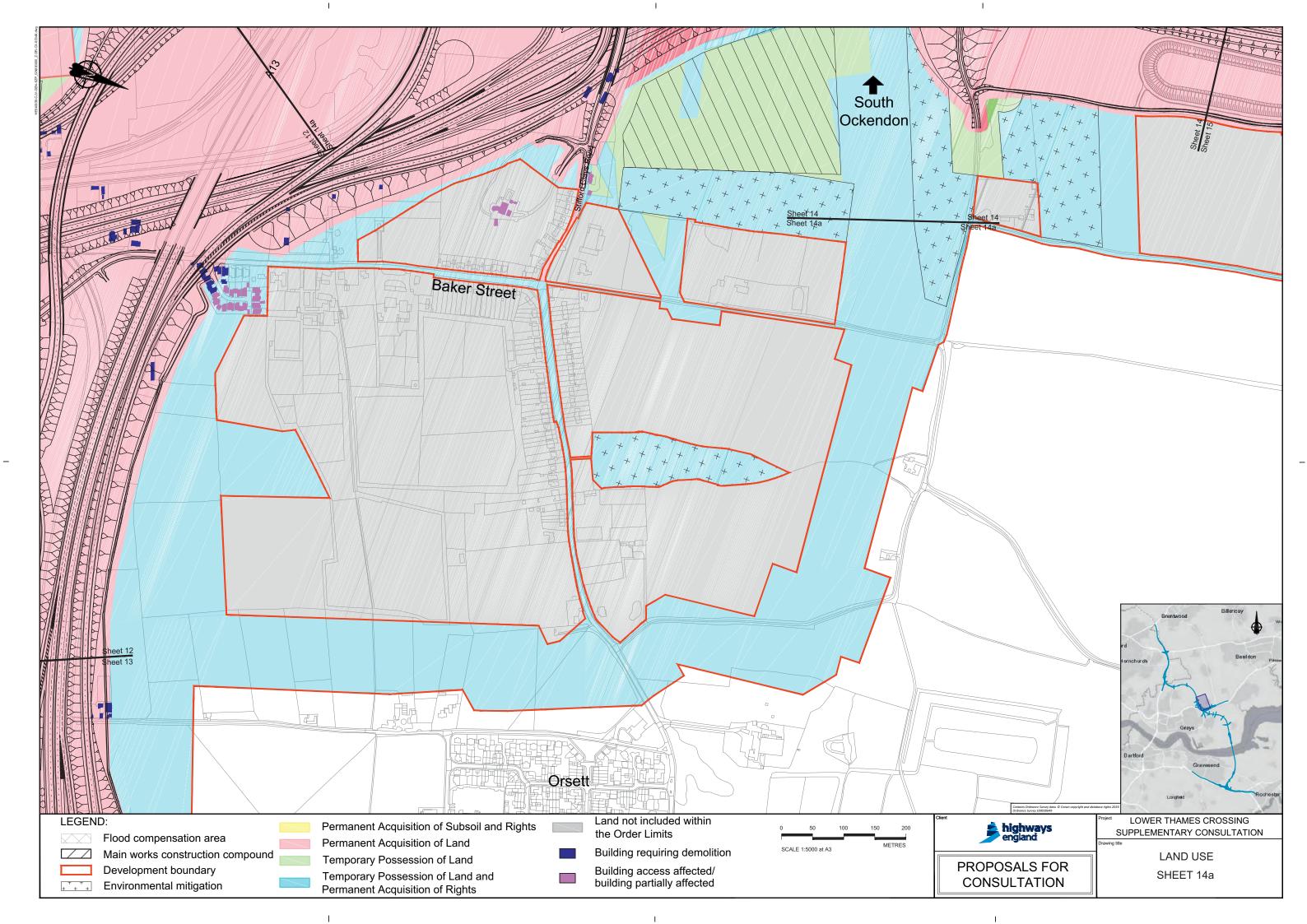


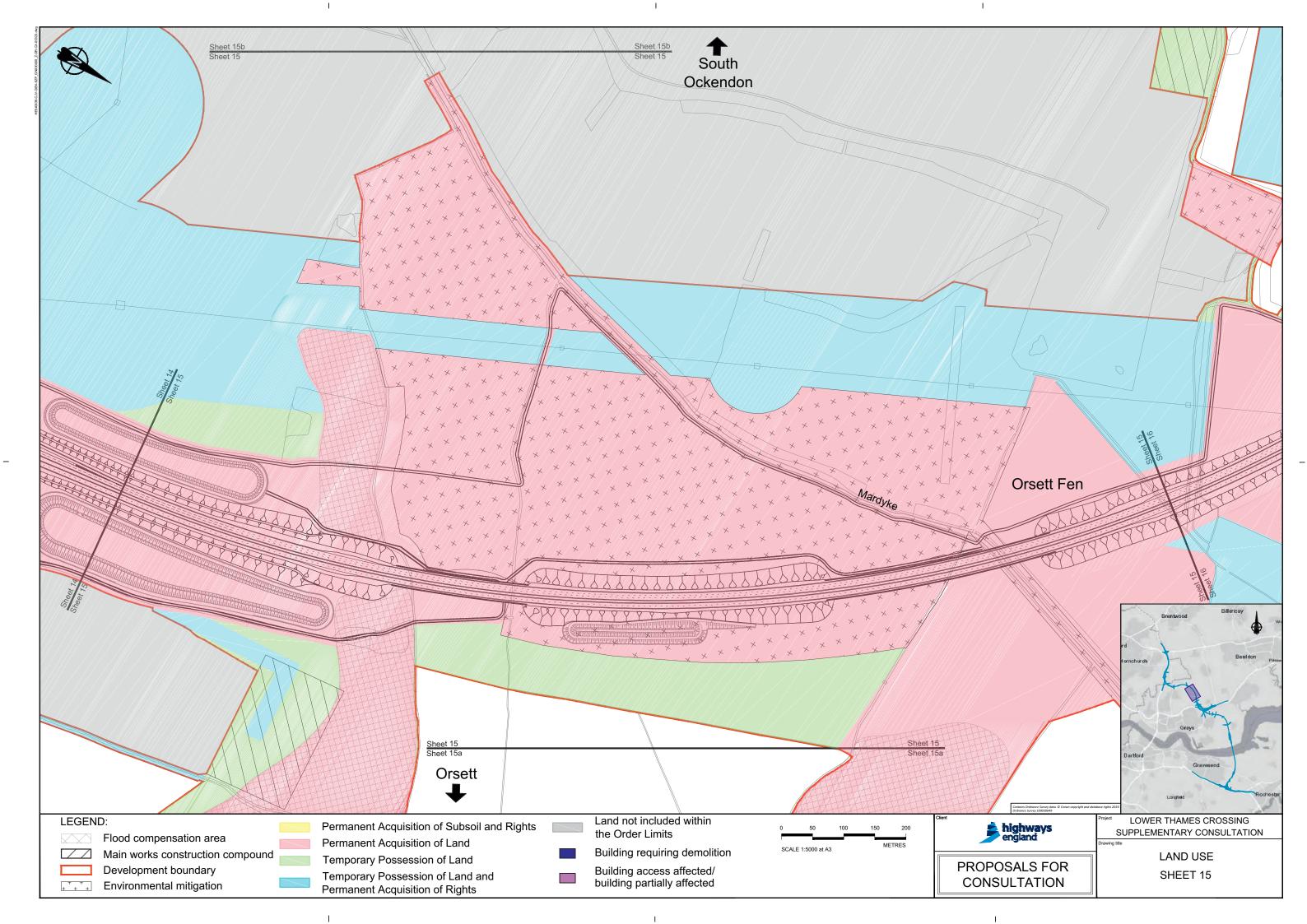


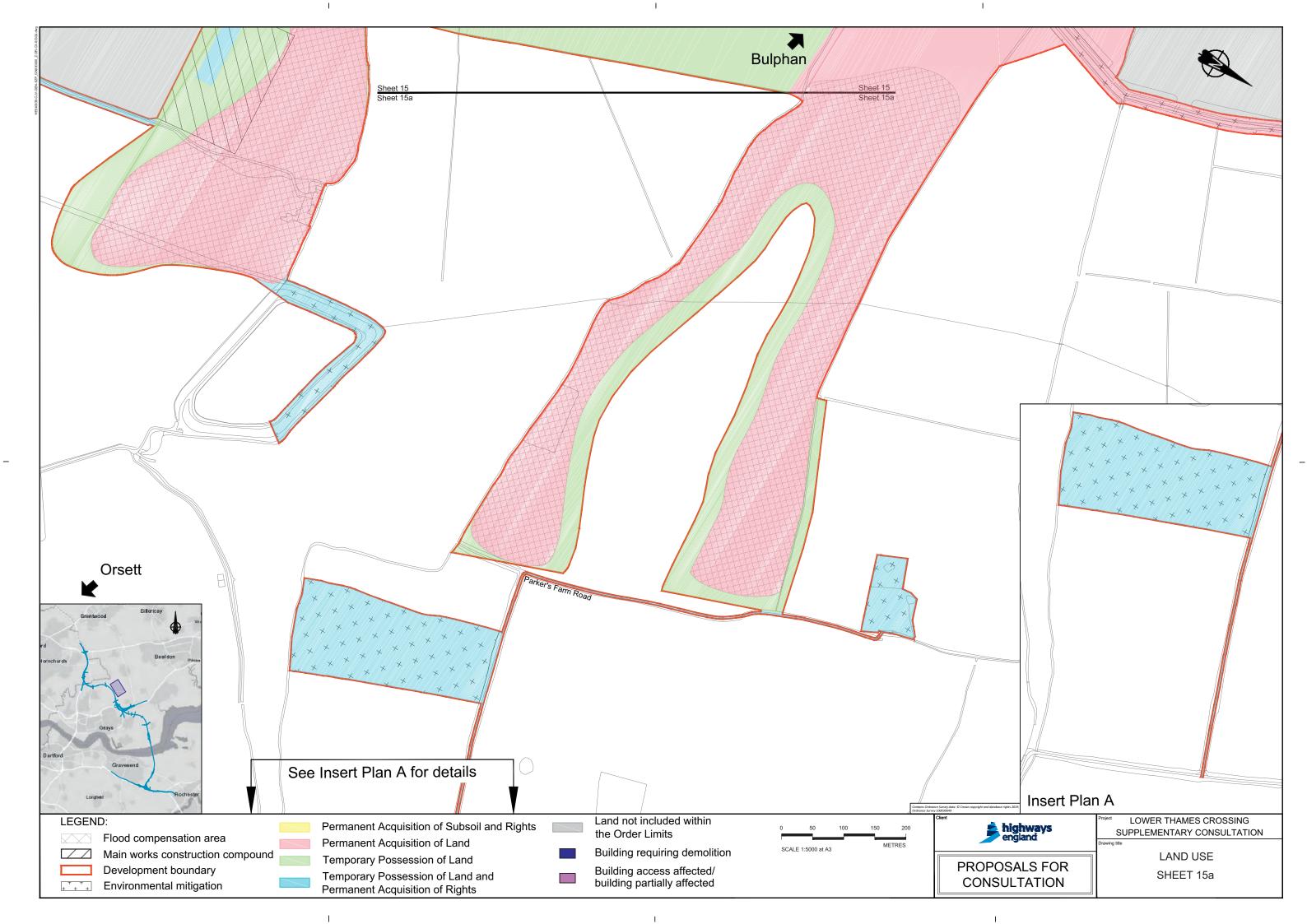


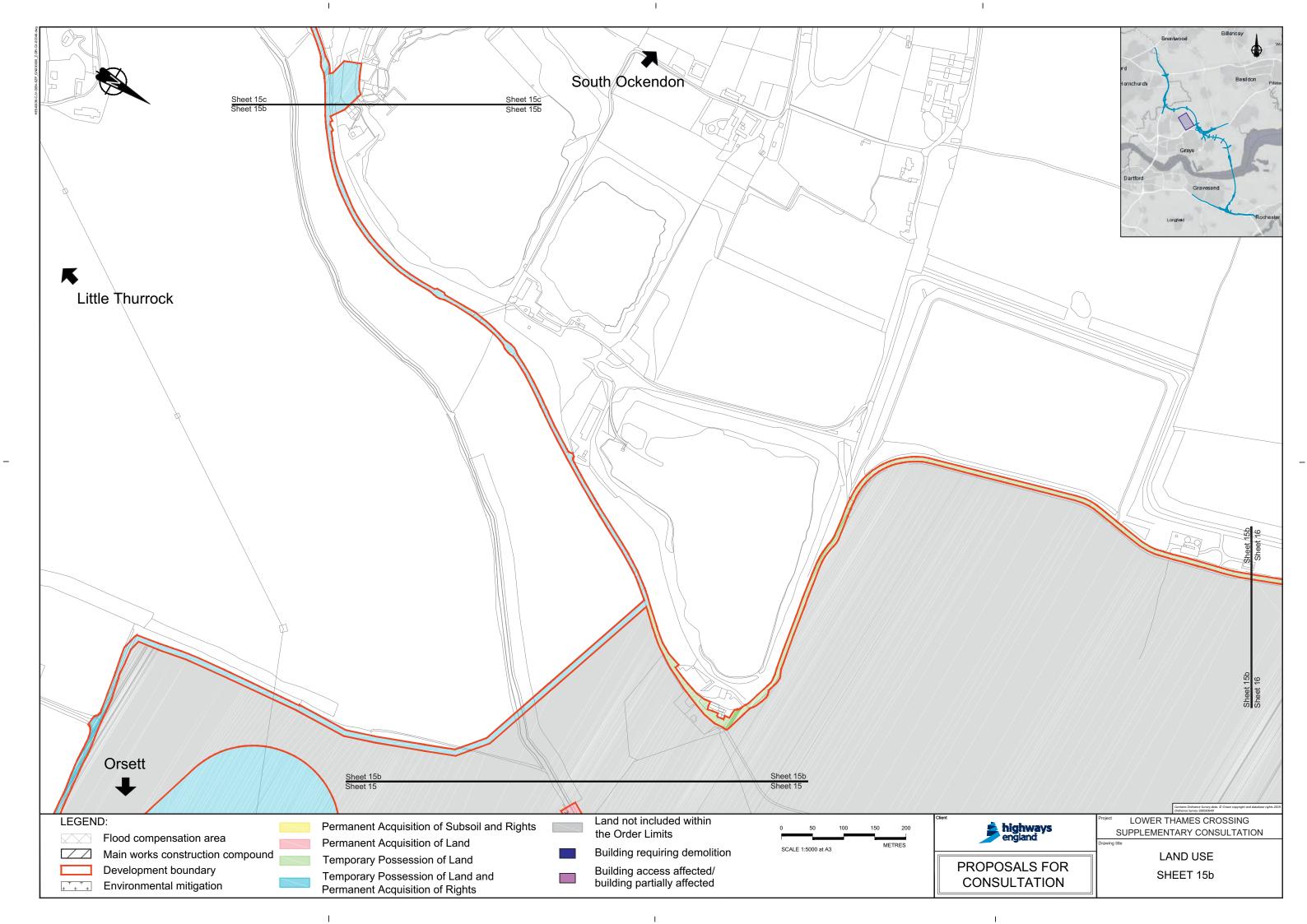


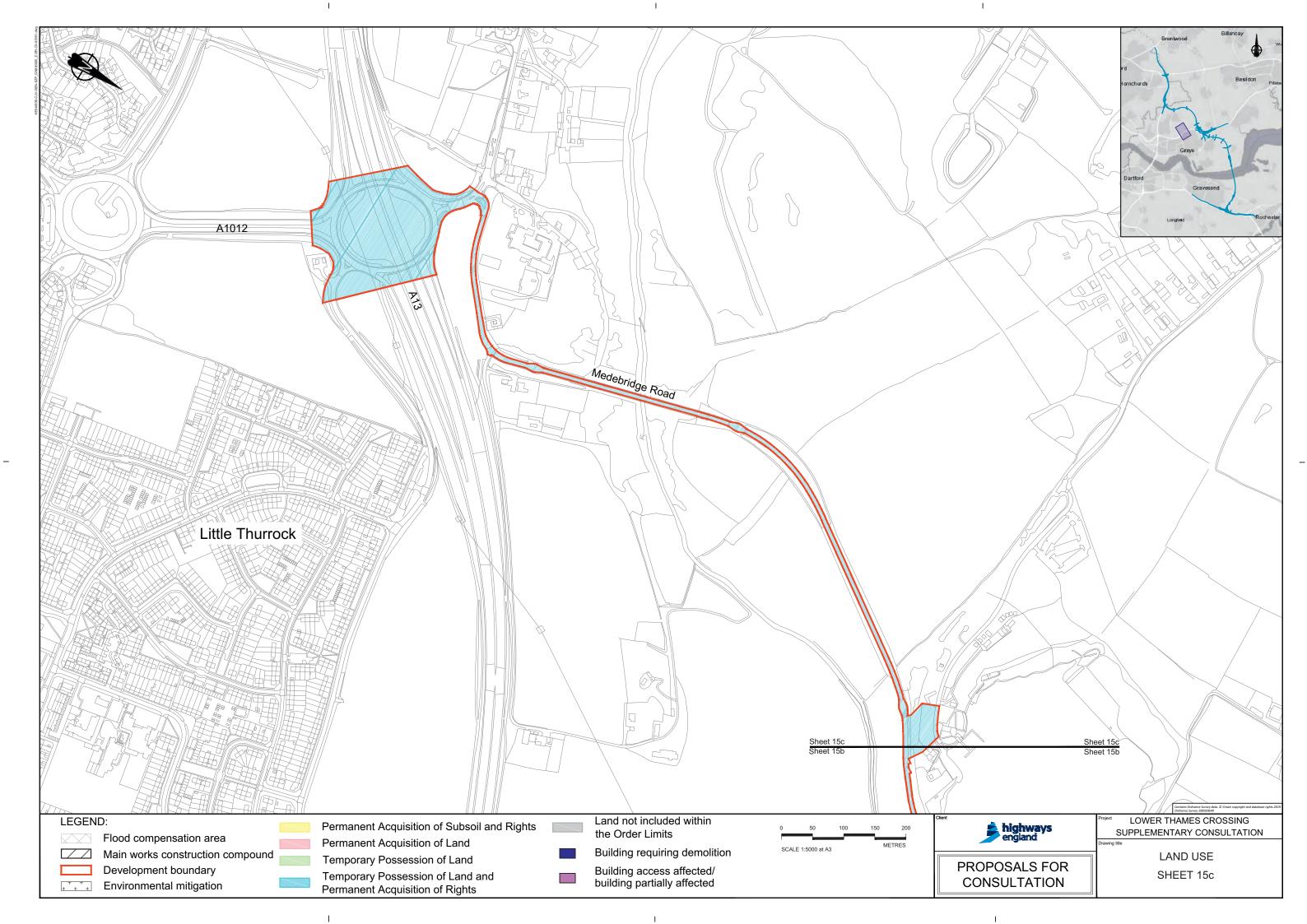


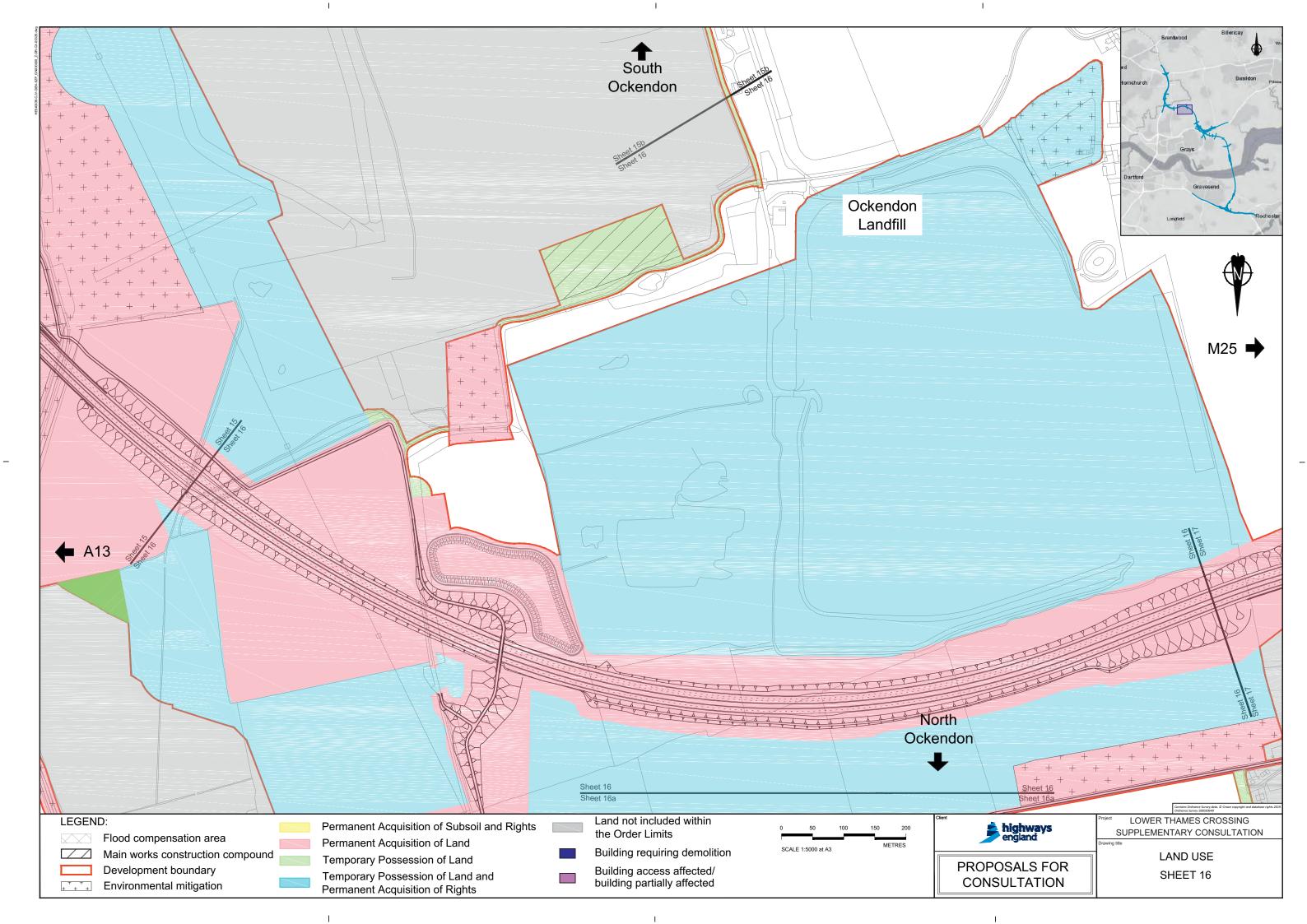


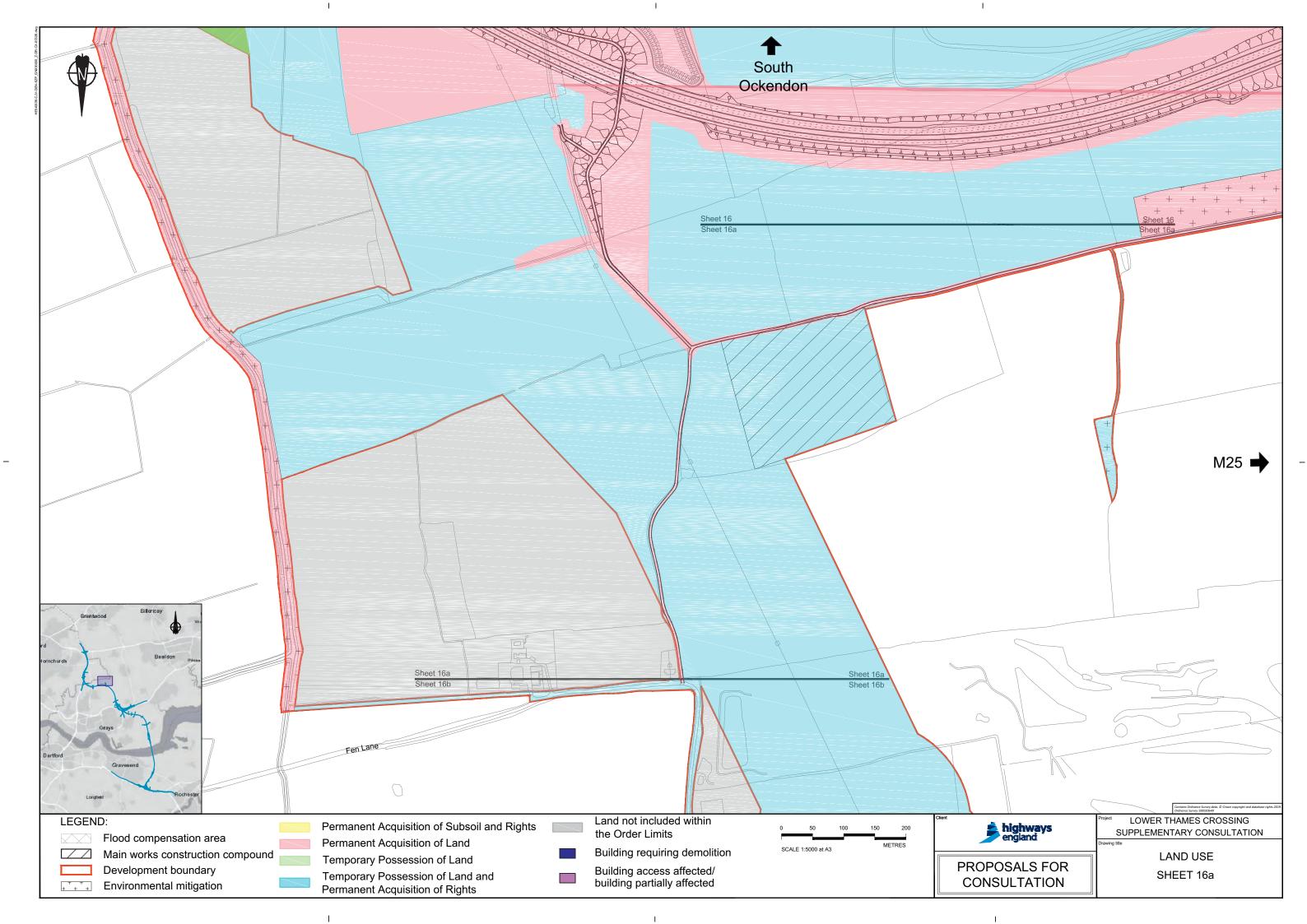


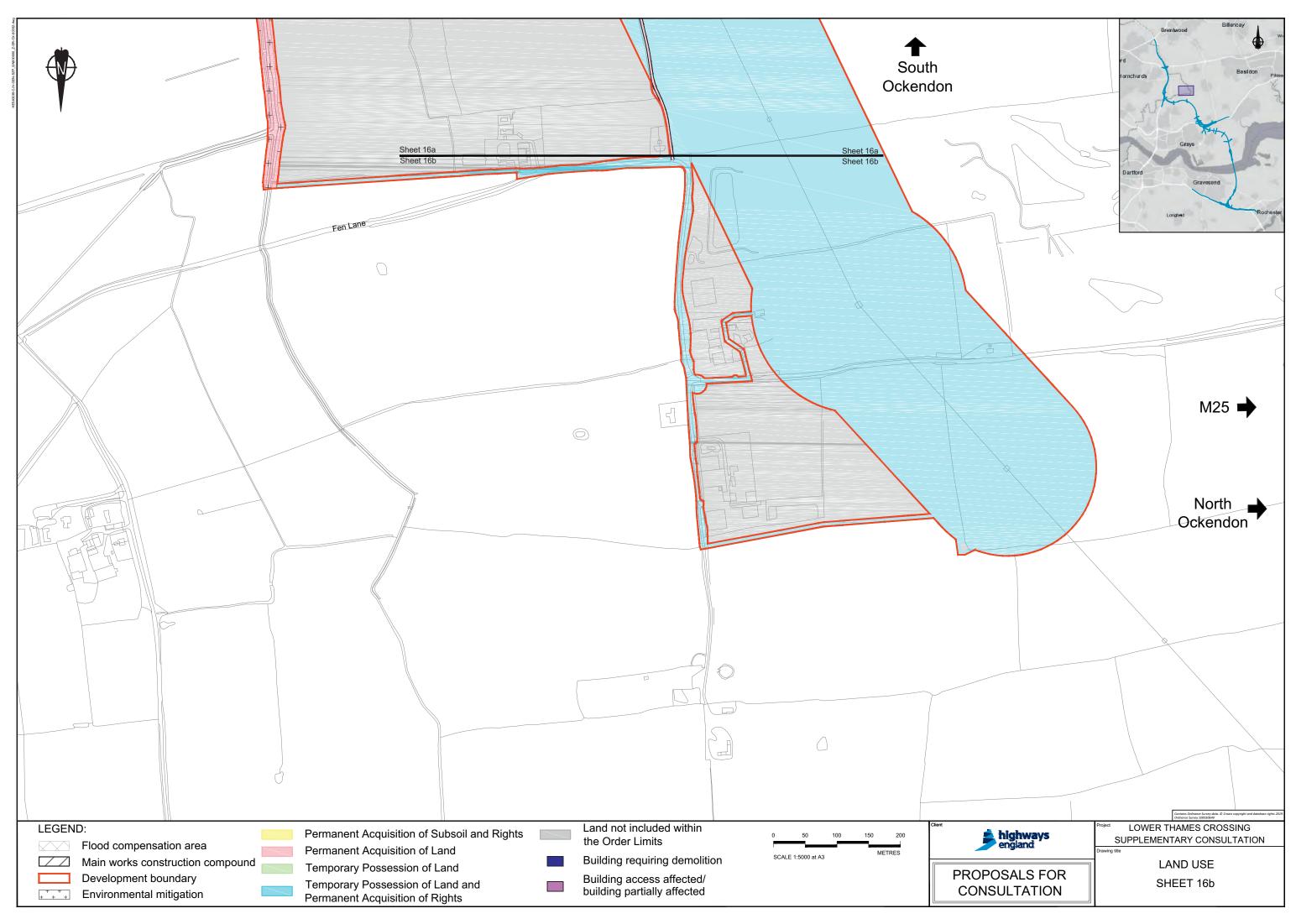


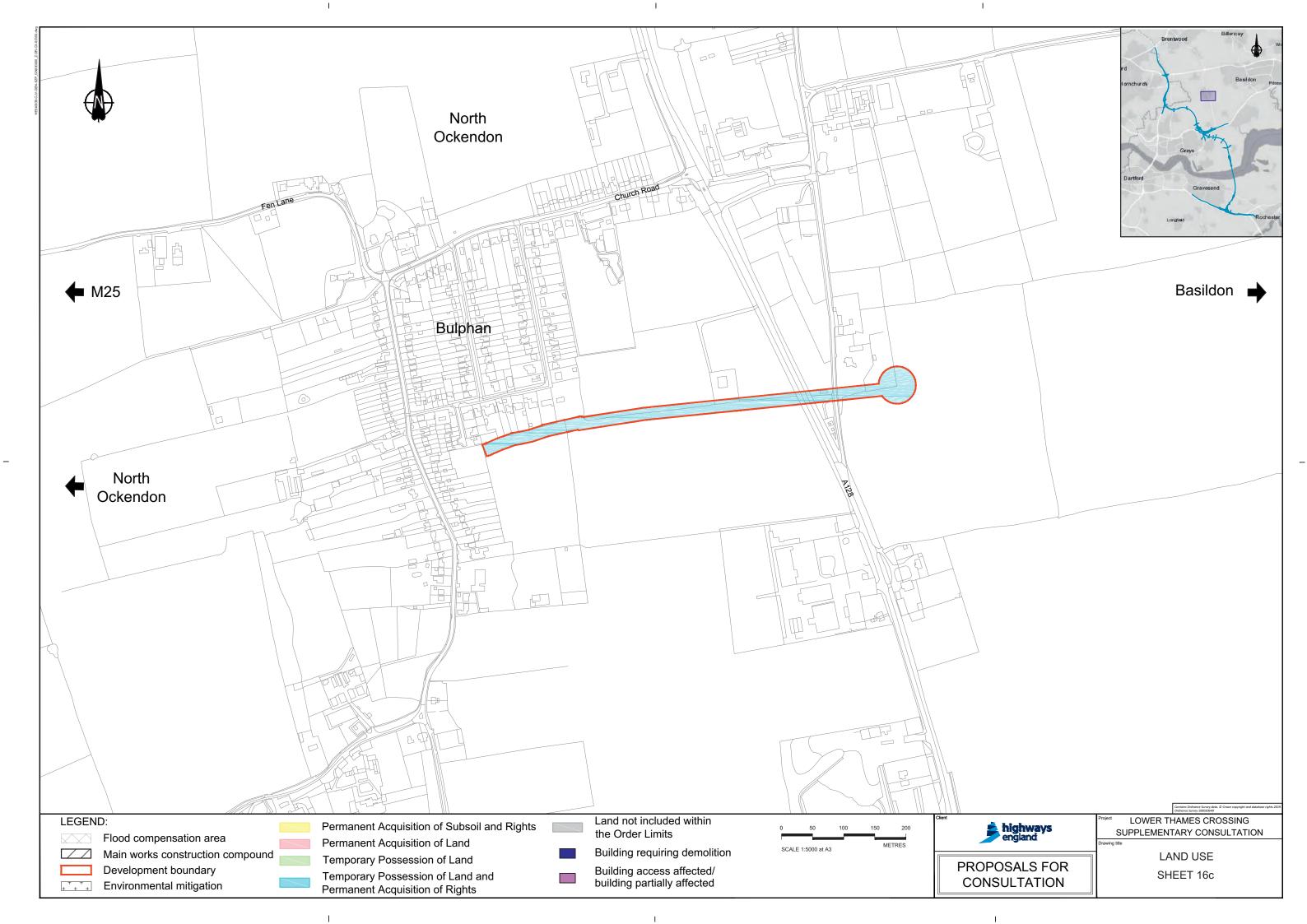


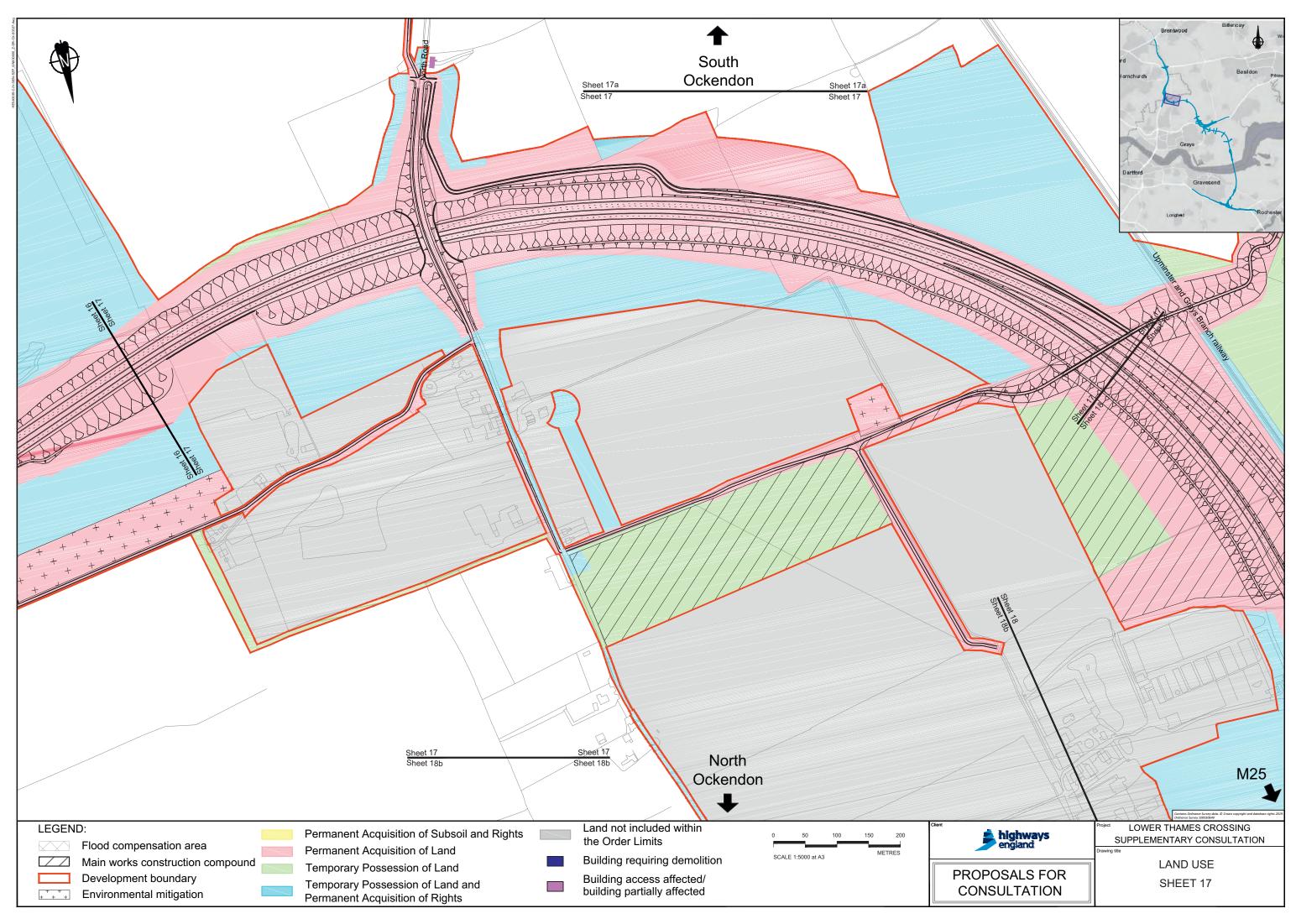


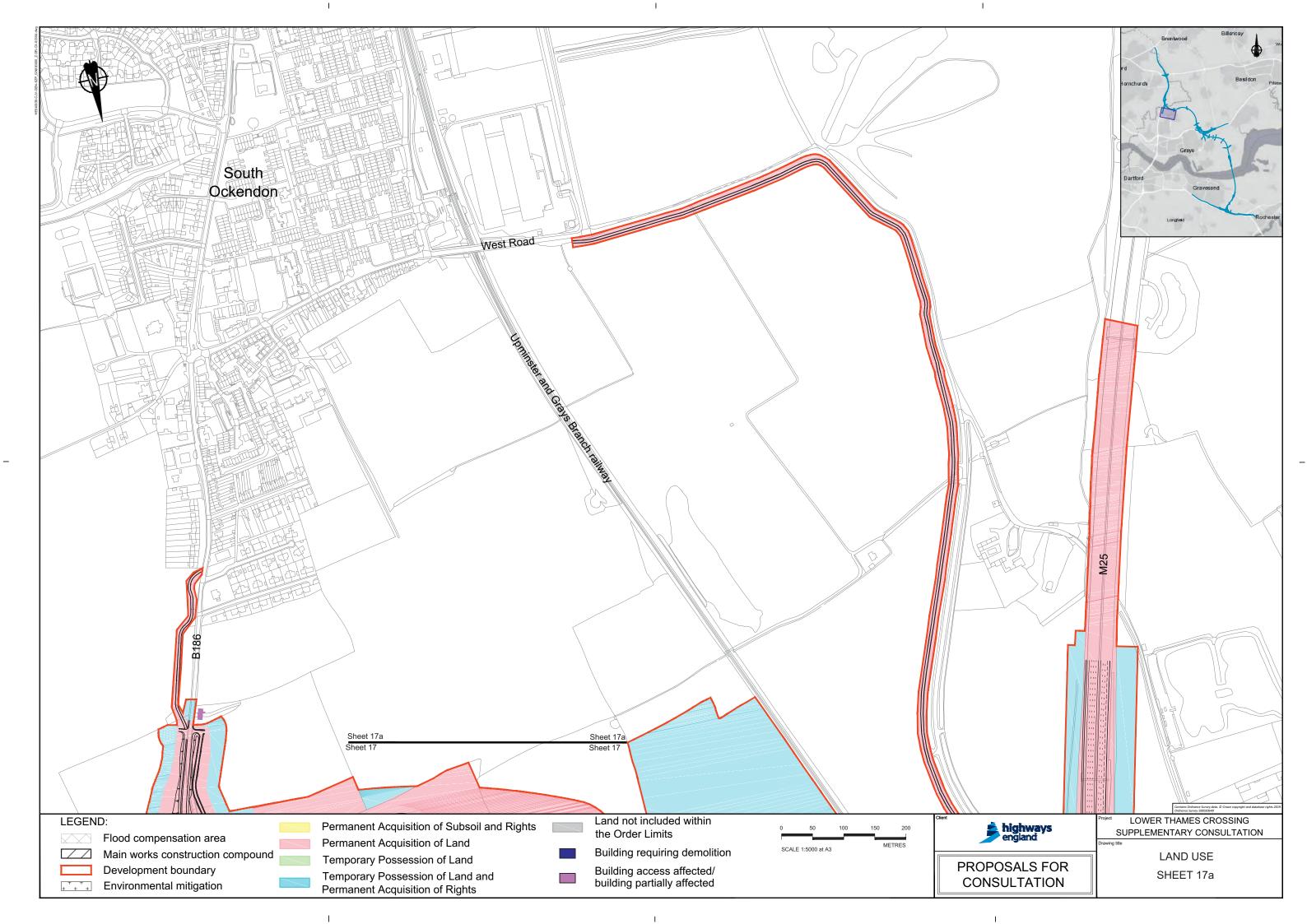


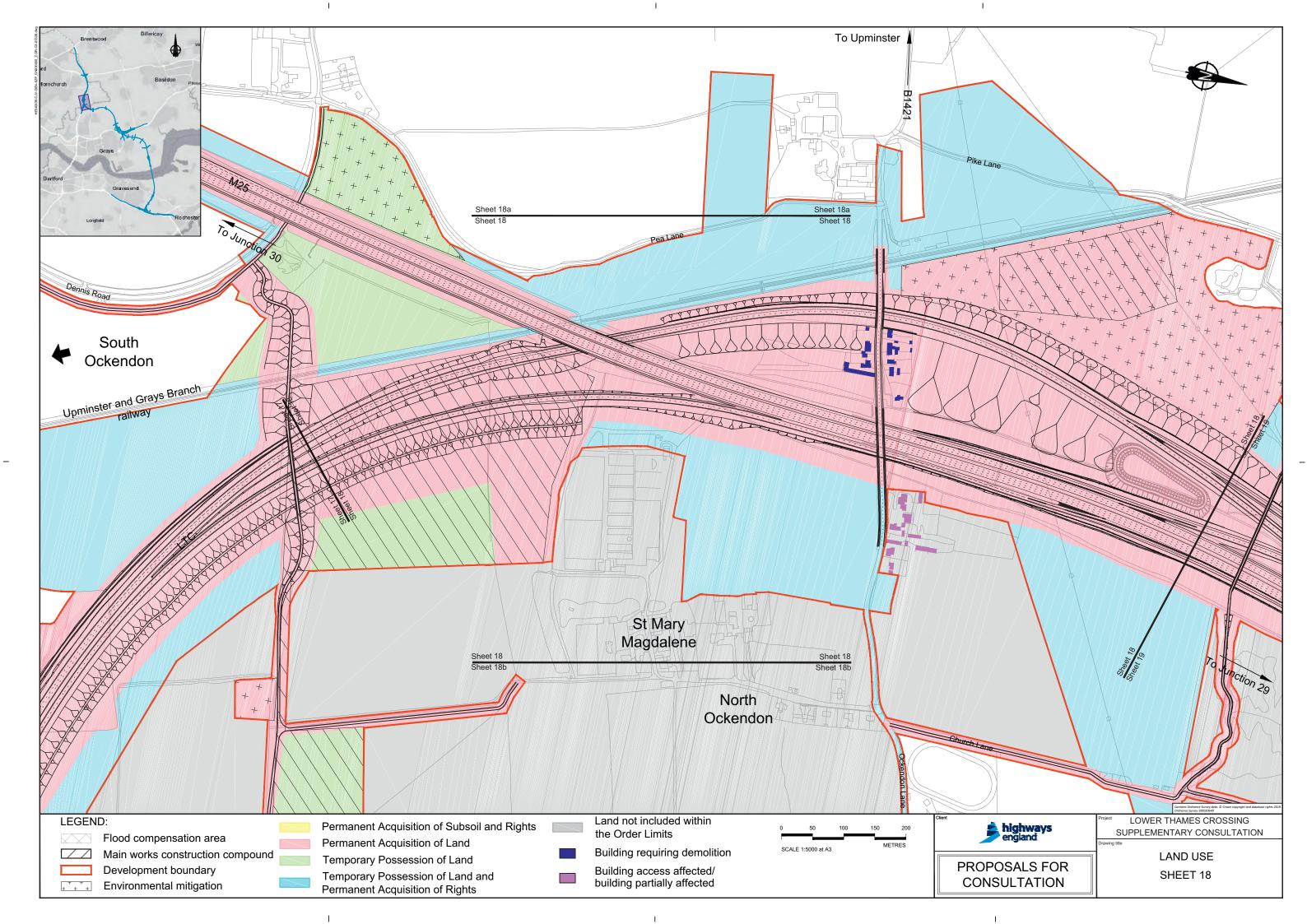


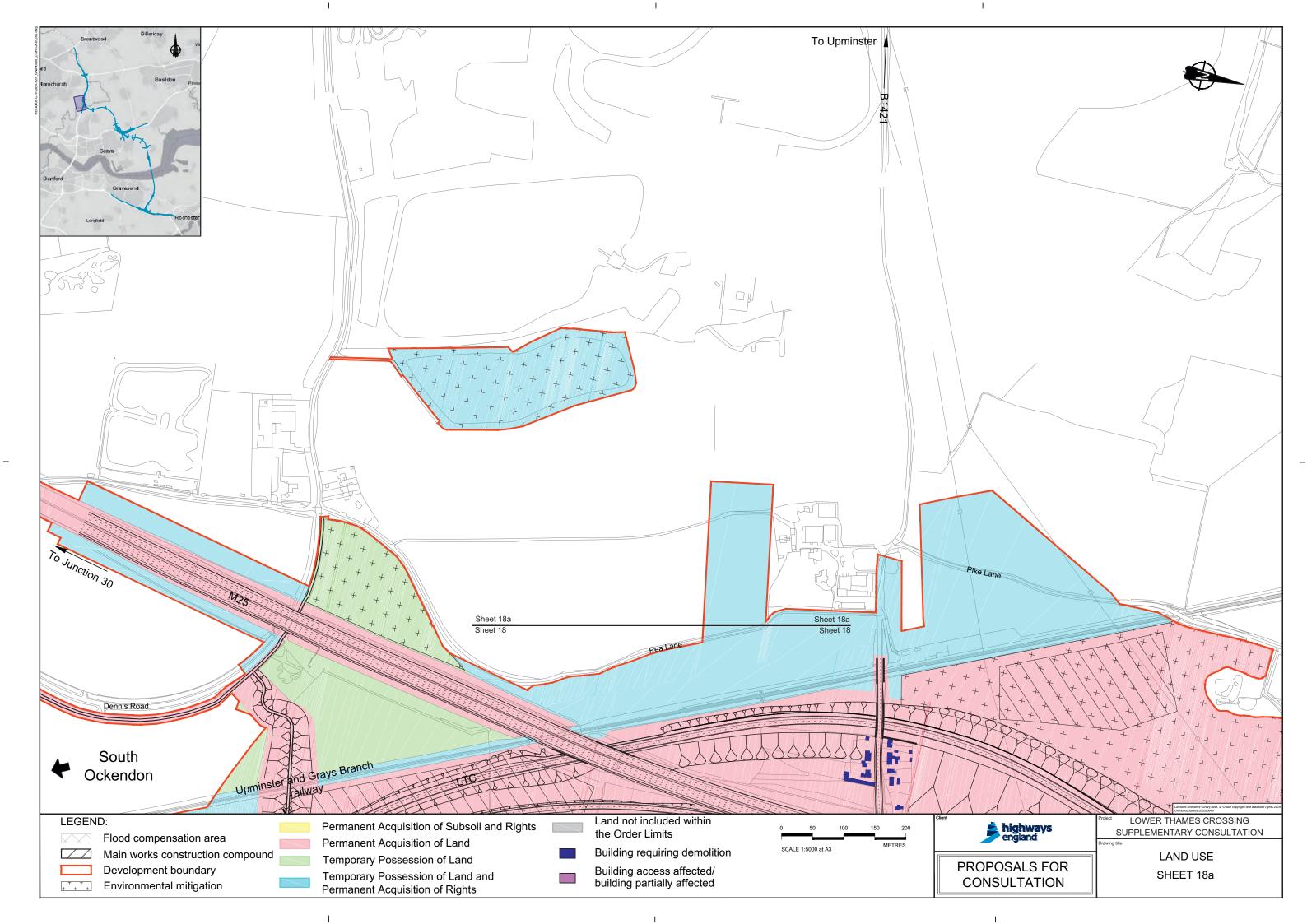


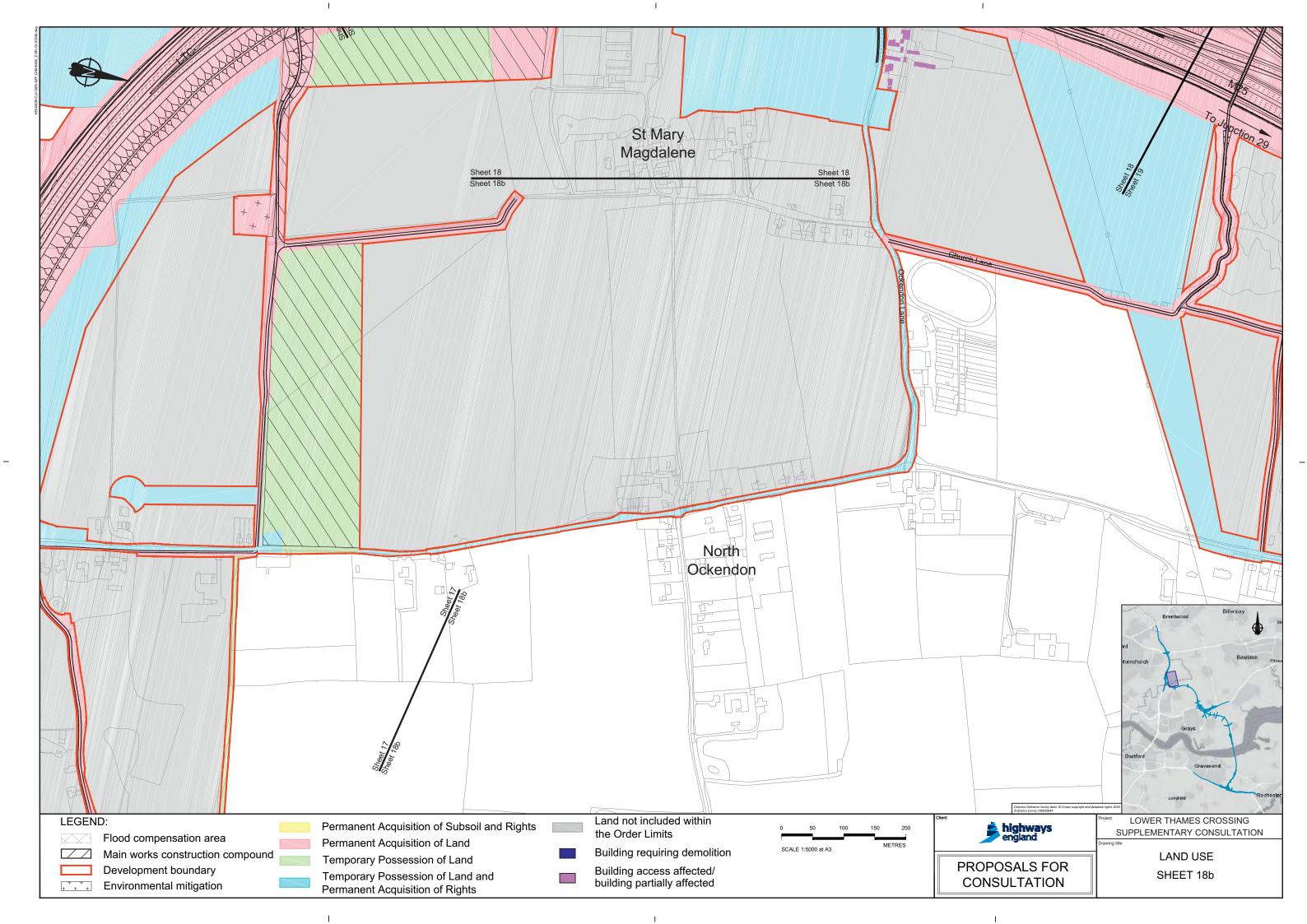


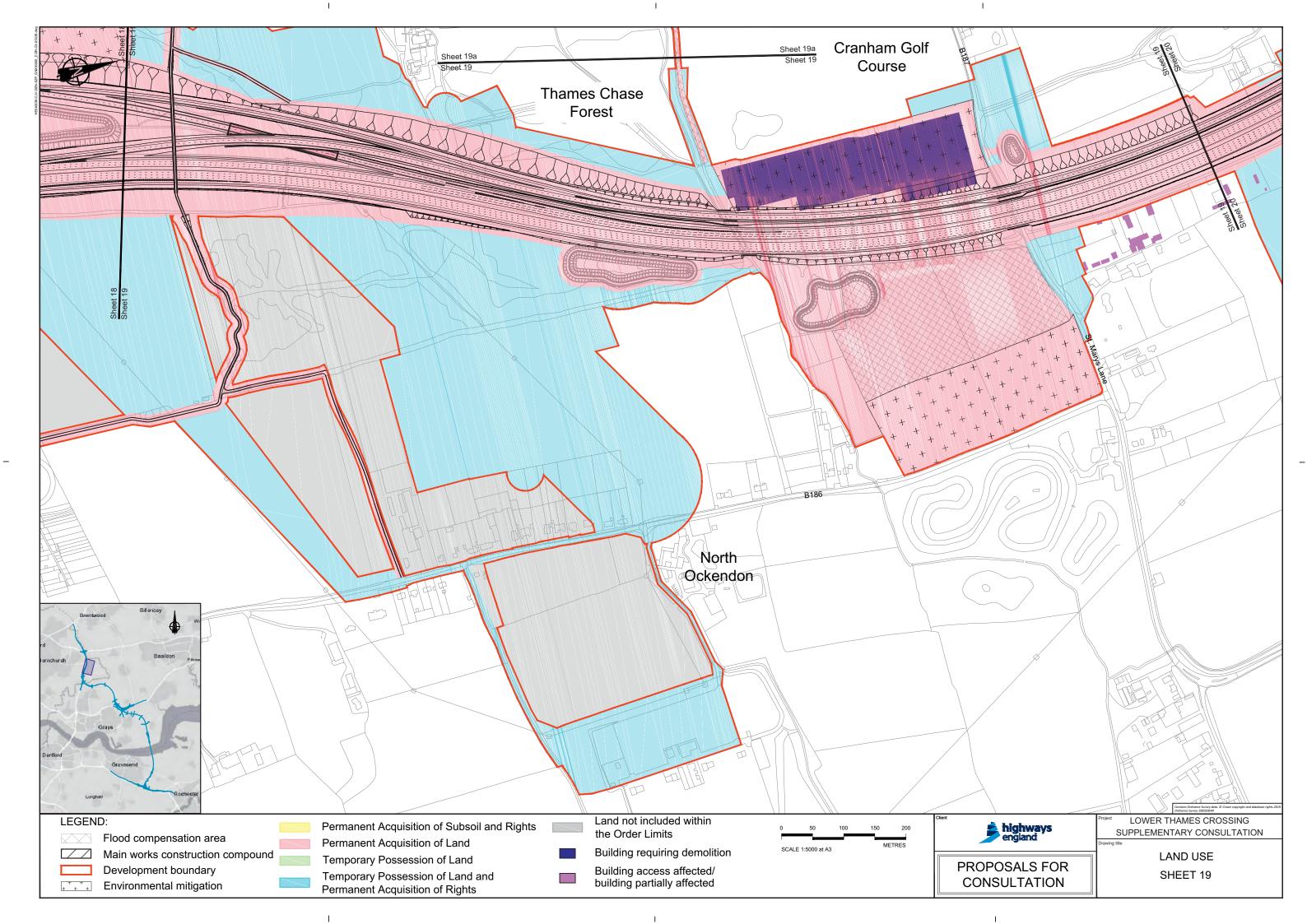


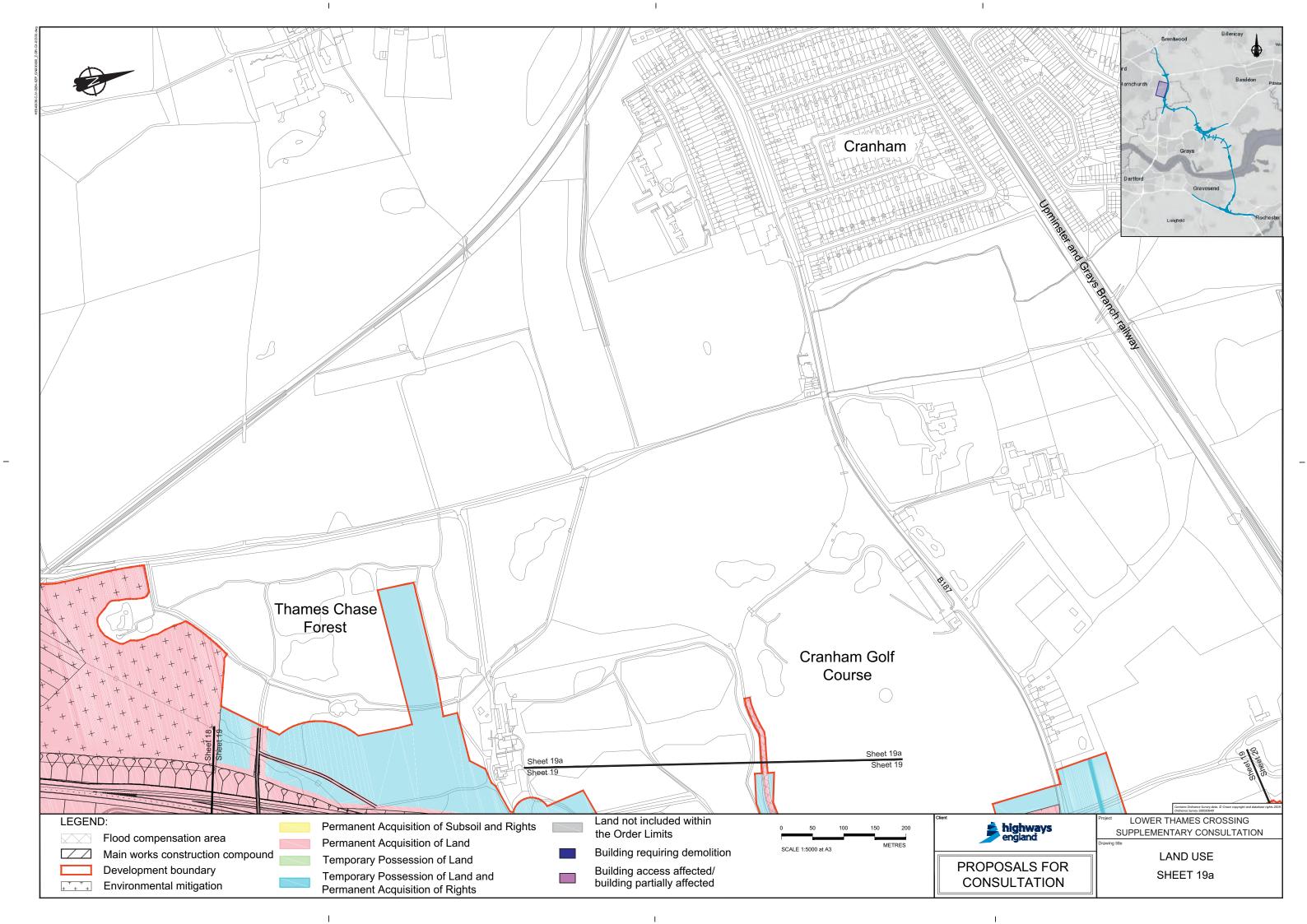


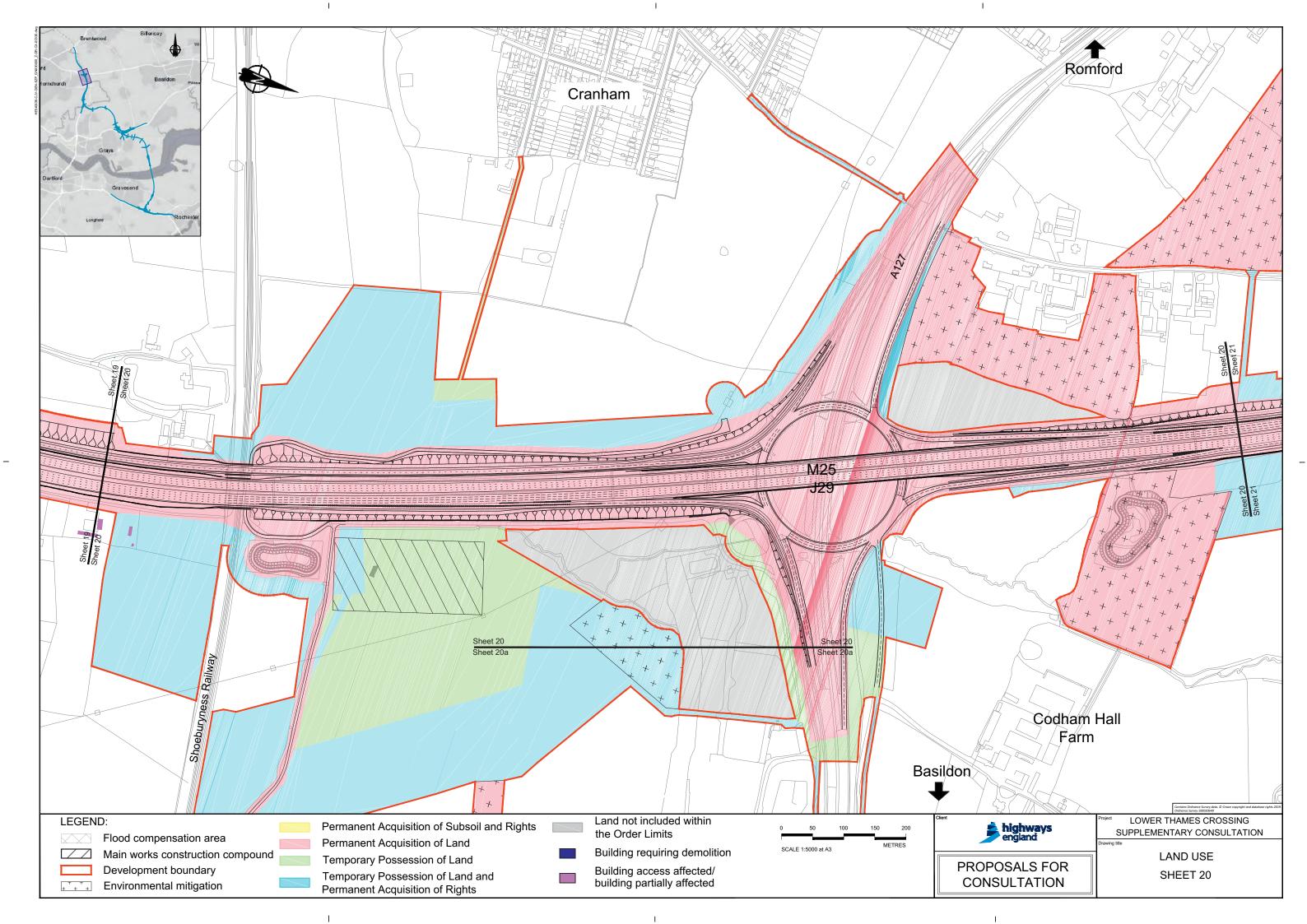


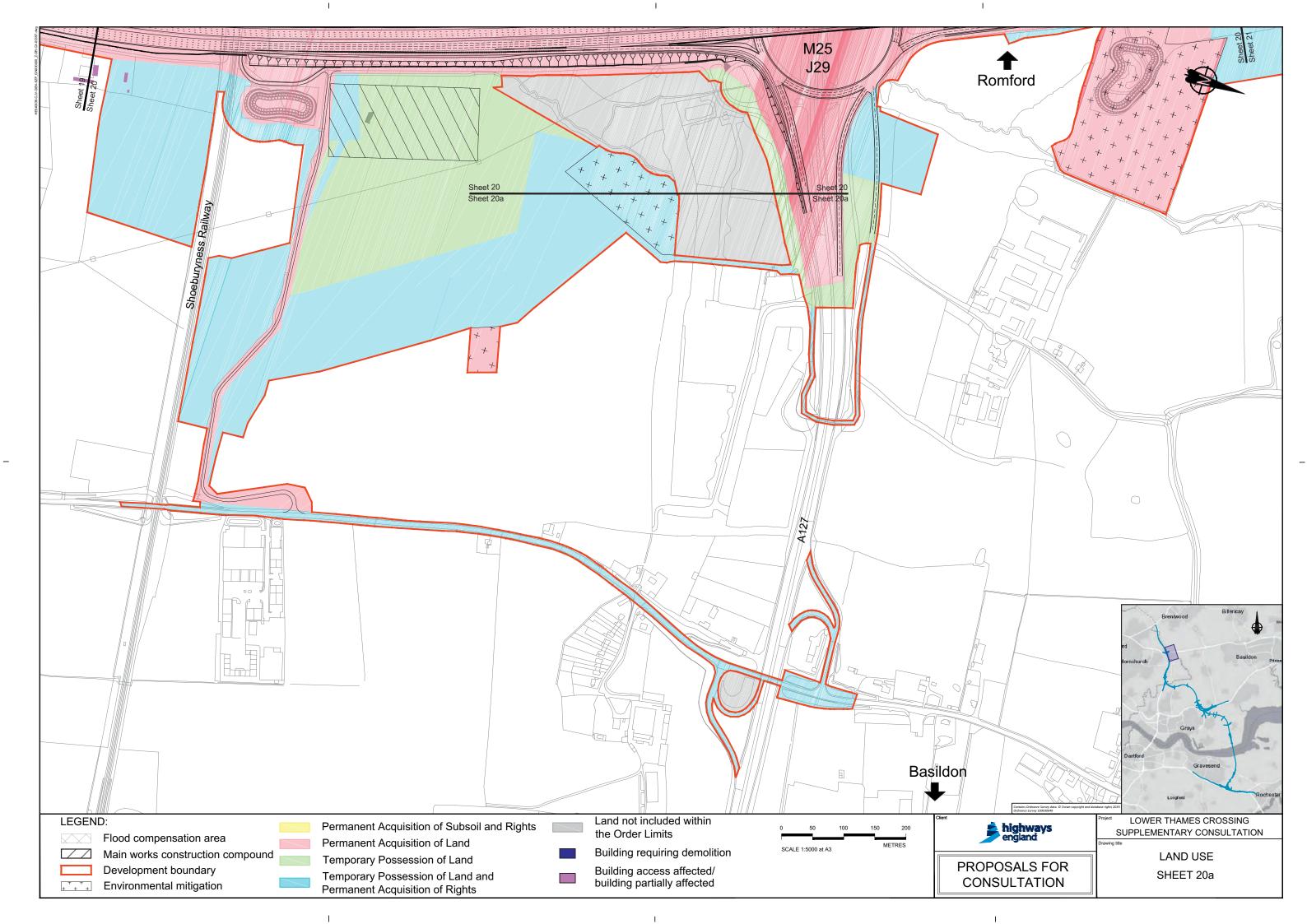


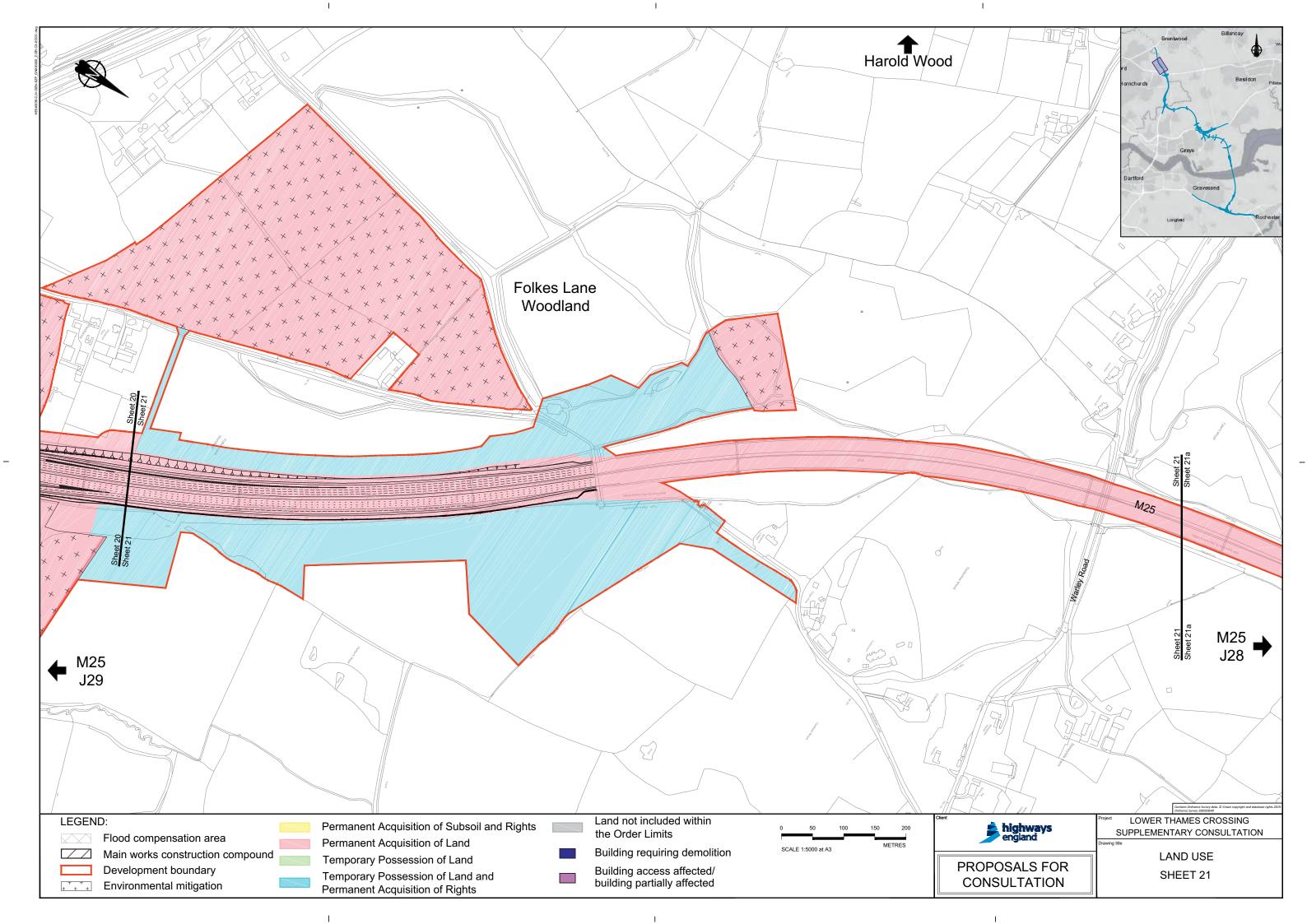


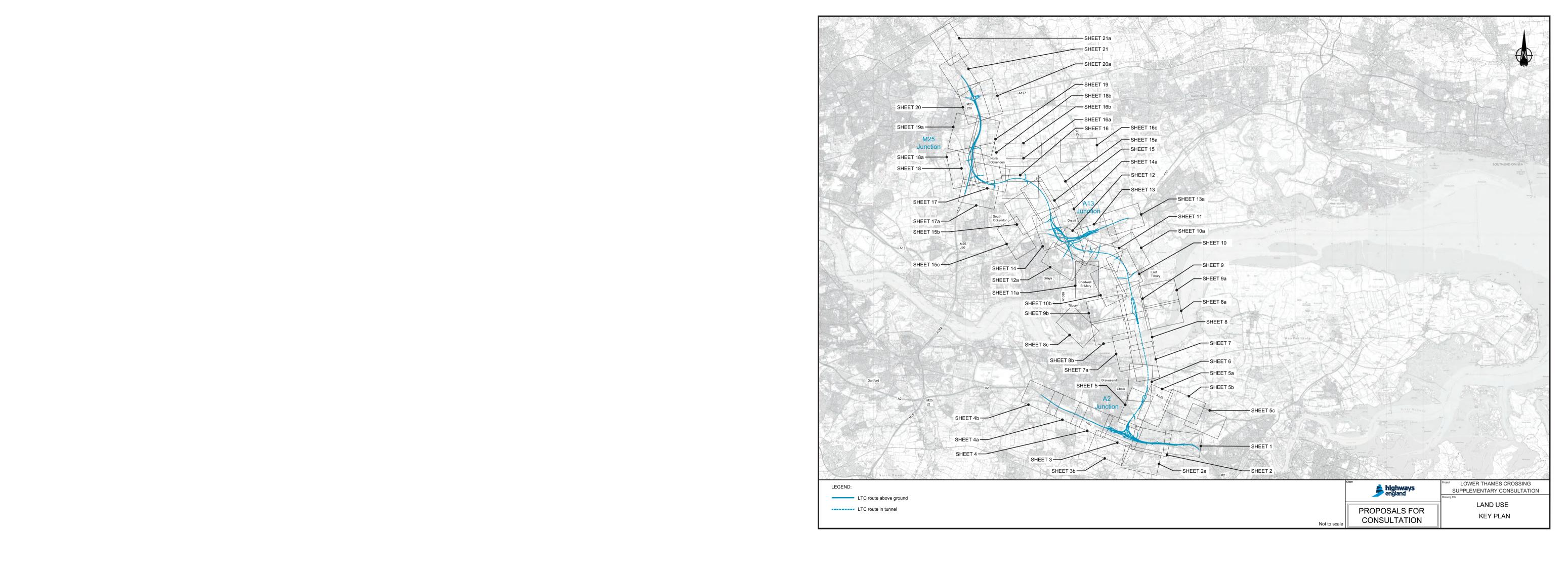












We Crown copyright 2020.

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

Visit www.setic.

Mapping (where present): © Crown copyright and database rights 2020 OS 100030649. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-license, distribute or sell any of this data to third parties in any form.

This document is also available and the same way as 01 and 02 calls.

These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

Printed on paper from well-managed forests and other controlled sources when issued directly by Highways England.

*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls.

Mapping (where are