

LEGEND

 Site Boundary



PROJECT:
Frog Island

TITLE:
Location Plan

REF NO:
KD.FRG.2.D.001

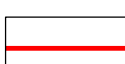



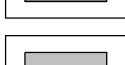
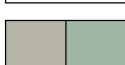

DATE: **March 2024** SCALE: **1:25,000 @ A3**



STATUS:
FINAL

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LEGEND

-  Application Boundary
-  Contours (1m Intervals) & Spot Heights m aOD
-  Waterbodies & Watercourses
-  Woodland, Trees & Scrub
-  Buildings
-  Containers within the Site
-  Stockpiles

-  Concrete Hardstanding
-  Photograph Locations as illustrated on Photosheet 1 within Appendix B



PROJECT:
Frog Island

TITLE:
Current Situation

REF NO:
KD.FR.G.2.D.002

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LEGEND

	Application Boundary
	Contours (1m Intervals) & Spot Heights m aOD
	Waterbodies & Watercourses
	Woodland, Trees & Scrub
	Buildings
	Containers within the Site
	Stockpiles
	Concrete Hardstanding
	Biodiversity Enhancement Area
	Additional Shipping Containers
	Proposed Linear Tree Planting

Proposed Additional Landscape Character & Visual Mitigation & Enhancement Measures:

a. Strengthening existing woodland / scrubland planting to eastern boundary of site facing Ferry Lane

b. Creation of landscape scrub block within the northern area of the site to enhance Biodiversity Net Gain (BNG)


c. Reorganisation of shipping containers located along the site's eastern boundary - to be:

- more uniform
- new netting
- unifying colour and finish to match that of the adjacent Easter Industrial Park steel structures
- where there are currently only a single storey of containers along the north eastern boundary, a second and third storey is to be added to screen offices and plant

d. Confirmation that stocks will not be higher than the enhanced "screening barrier"

e. A triple storey of shipping containers is to be placed along the southern boundary of the site. These are again to be painted mid grey to provide a unified screening structure to match the character of the Easter Industrial Park. A line of tree planting is to be established in front of these containers. This would provide both screening and greening up / landscape enhancement of the River Thames Corridor.

PLEASE SEE DRAWING NO. KD.FRG.2.D.010 FOR LANDSCAPE PLANTING PROPOSALS FOR ITEMS A, B & E



PROJECT:
Frog Island

TITLE:
Proposed Landscape Character & Visual Mitigation & Enhancement Measures

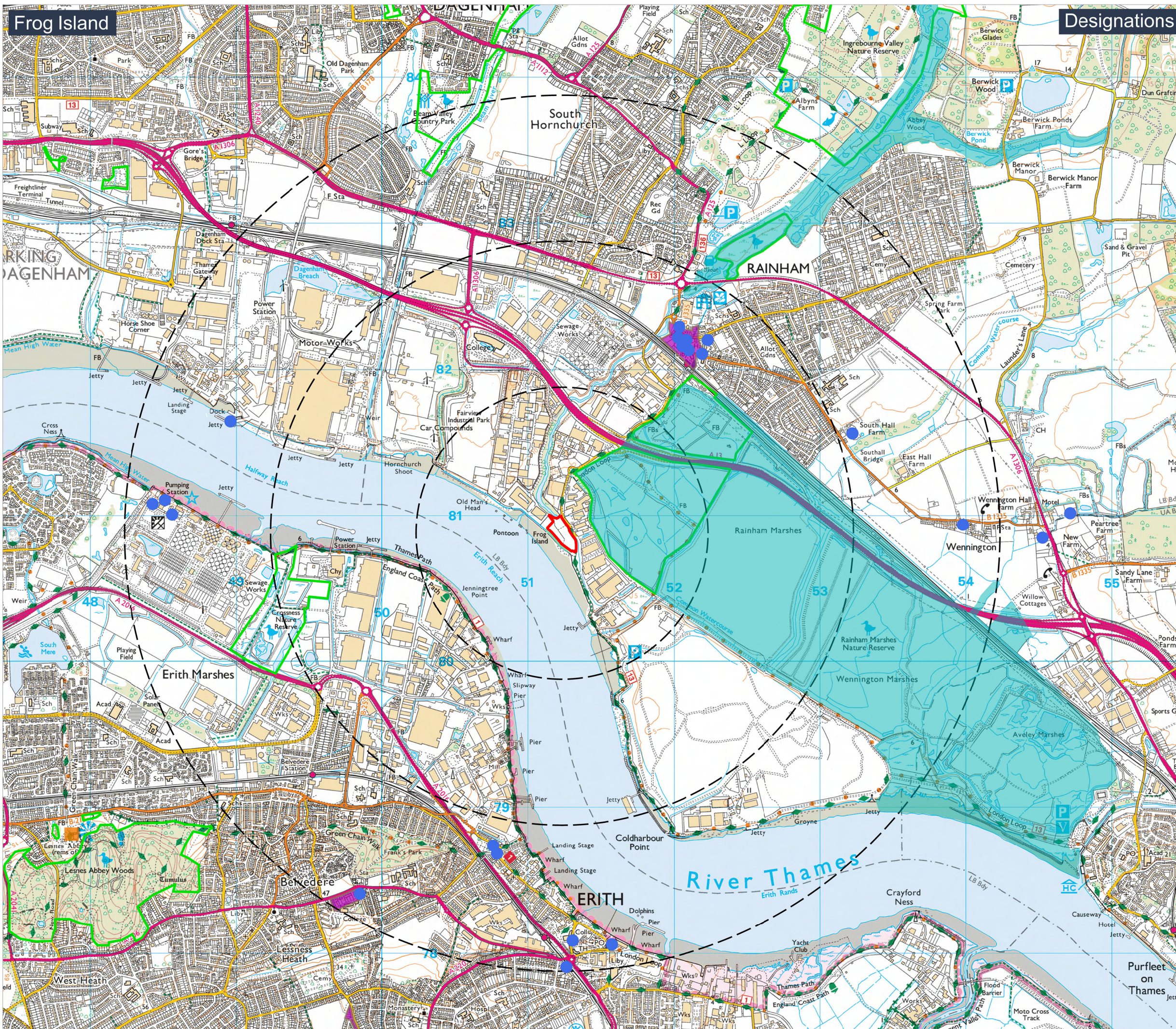
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KD.FRG.2.D.007

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Designations

LEGEND

-  Site Boundary
-  1km Distance Banding
-  Site of Special Scientific Interest (SSSI)
-  Local Nature Reserve (LNR)
-  Listed Buildings
-  Conservation Areas
-  Scheduled Ancient Monument (SAM)



PROJECT:
Frog Island

TITLE:
Designations

REF NO:
KD.FRG.2.D.003

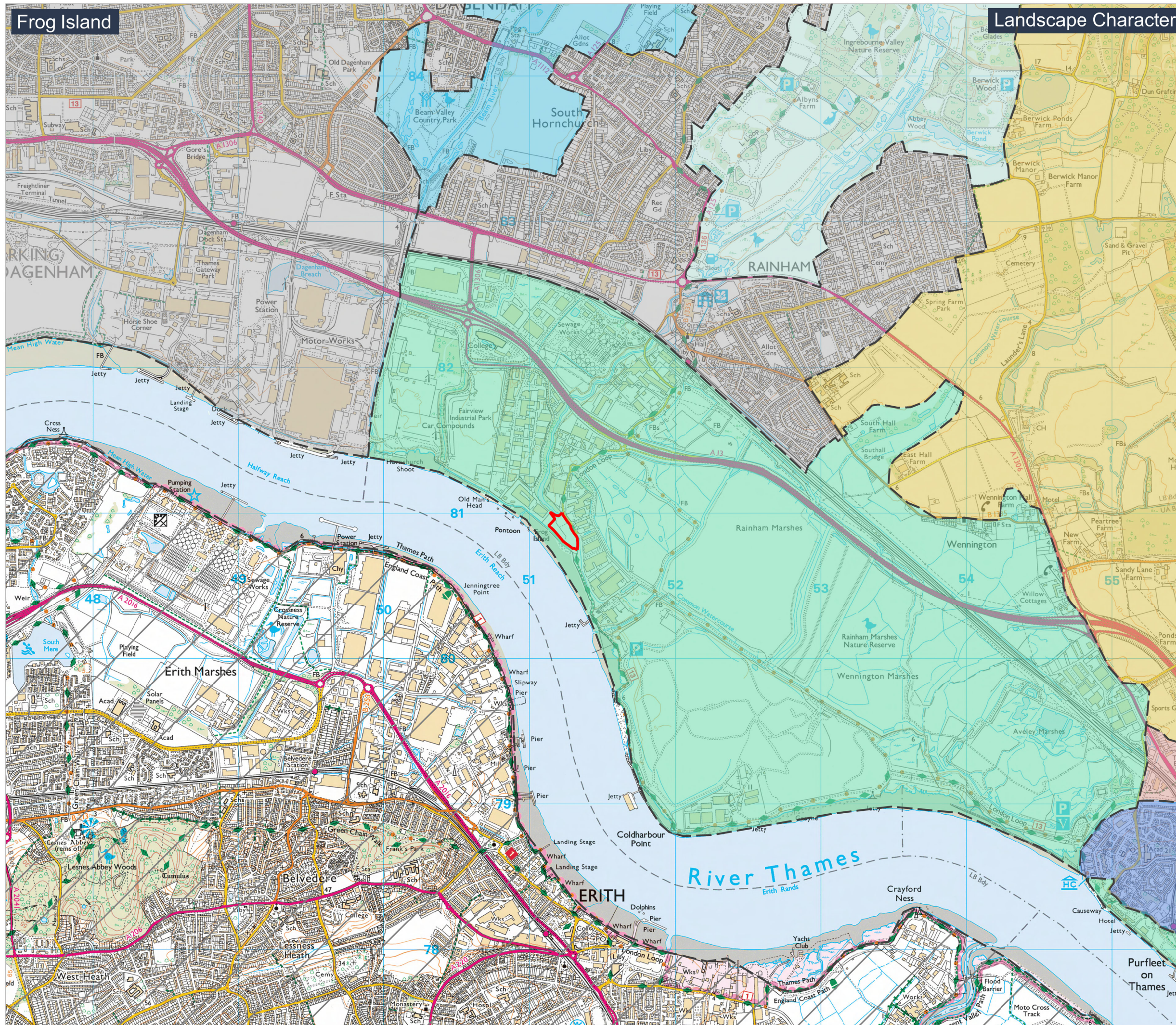
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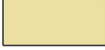



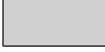

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Frog Island

Landscape Character



LEGEND

-  Site Boundary
- Land of the Fanns Landscape Partnership Landscape Character Assessment (2015)**
-  Rainham Aveley and West Thurrock Marshes
-  West Thurrock Quarry Townscape
-  Belhus Lowland Quarry Farmland
-  Mardyke
-  Ingrebourne Valley
-  Dagenham Corridor
-  Urban
- London Borough of Bexley**
-  Urban



PROJECT:
Frog Island

TITLE:
Landscape Character

REF NO:
KD.FRG.2.D.004

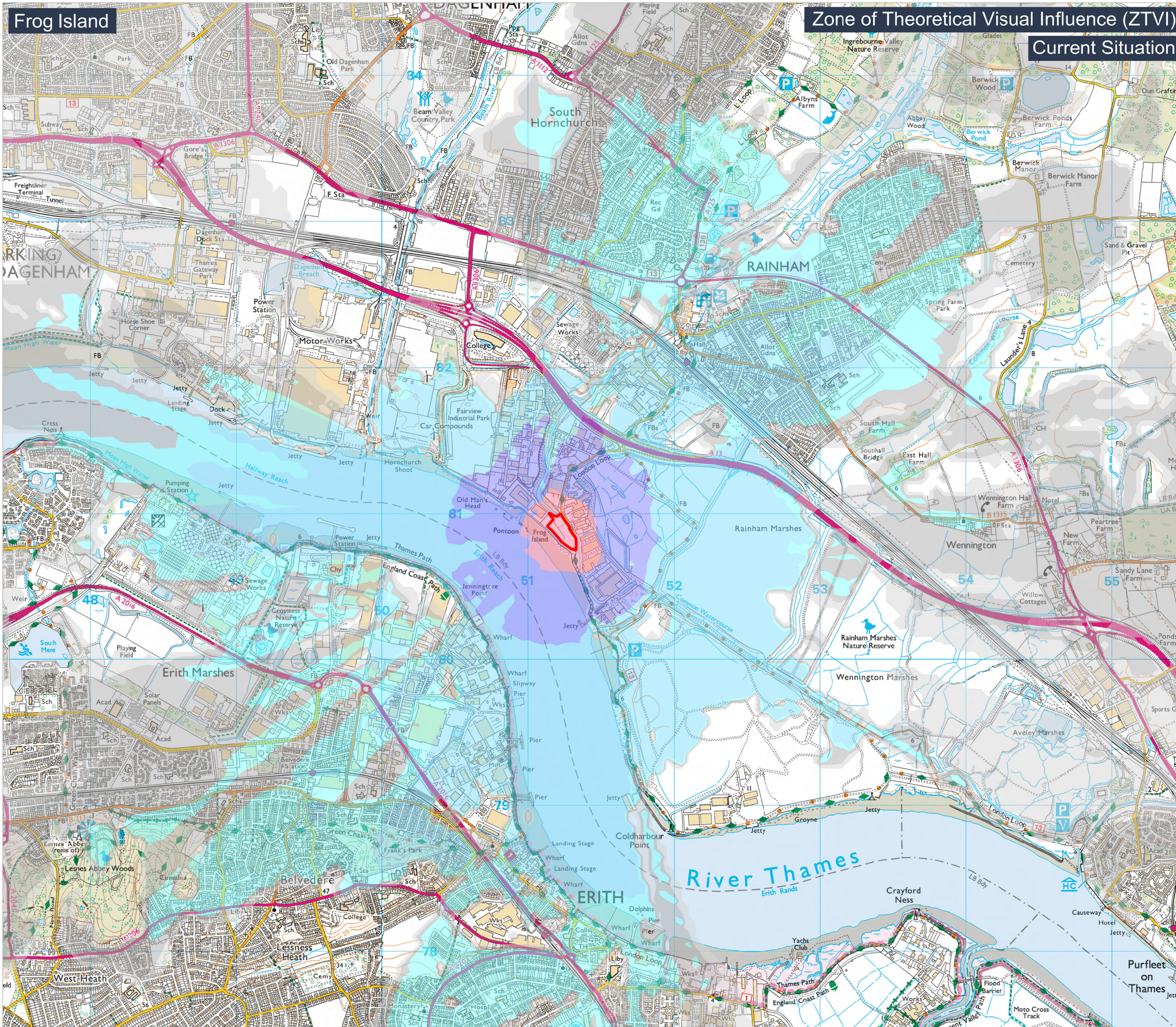
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March 2024

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






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Zone of Theoretical Visual Influence (ZTVI)

Current Situation

LEGEND

-  Site Boundary
 - Zones of Theoretical Visibility**
 -  > 3.0
 -  > 1.0 - 3.0
 -  > 0.3 - 0.1
 -  > 0.2 - 0.3
 -  > 0.1 - 0.2
 -  > 0.0 - 0.1
- Areas with a higher magnitude of impact

 Areas with a lower magnitude of impact

The vertical angle is the sectional angle the site forms when viewed from a specific location. The edge of the coloured area defines the visual envelope within the Local Study Area.

This computer method helps define the measure of visual impact the proposed scheme might have by linking potential visual impact to the vertical angle subtended at the viewpoint by the top and bottom extremities of the area being viewed. This gives a measure of how much of a given field of view is occupied by the area when viewed from different locations. This method automatically takes into account what effect distance has on impact (i.e. an object close to the viewer occupies a far greater vertical angle than something hundreds of metres away).

The computation also takes account of the curvature of the earth. The ZVI values were calculated on a 25m grid across the study area and points of the same value were linked to produce 'contours' of potential 'visual magnitude'. The 'actual' Zone of Visible Influence will therefore be modified by the effects of intervening woodland, hedgerows, buildings, and minor landform features.

*Please refer to Appendix B for detailed methodology



PROJECT:
Frog Island

TITLE:
ZTVI - Current Situation

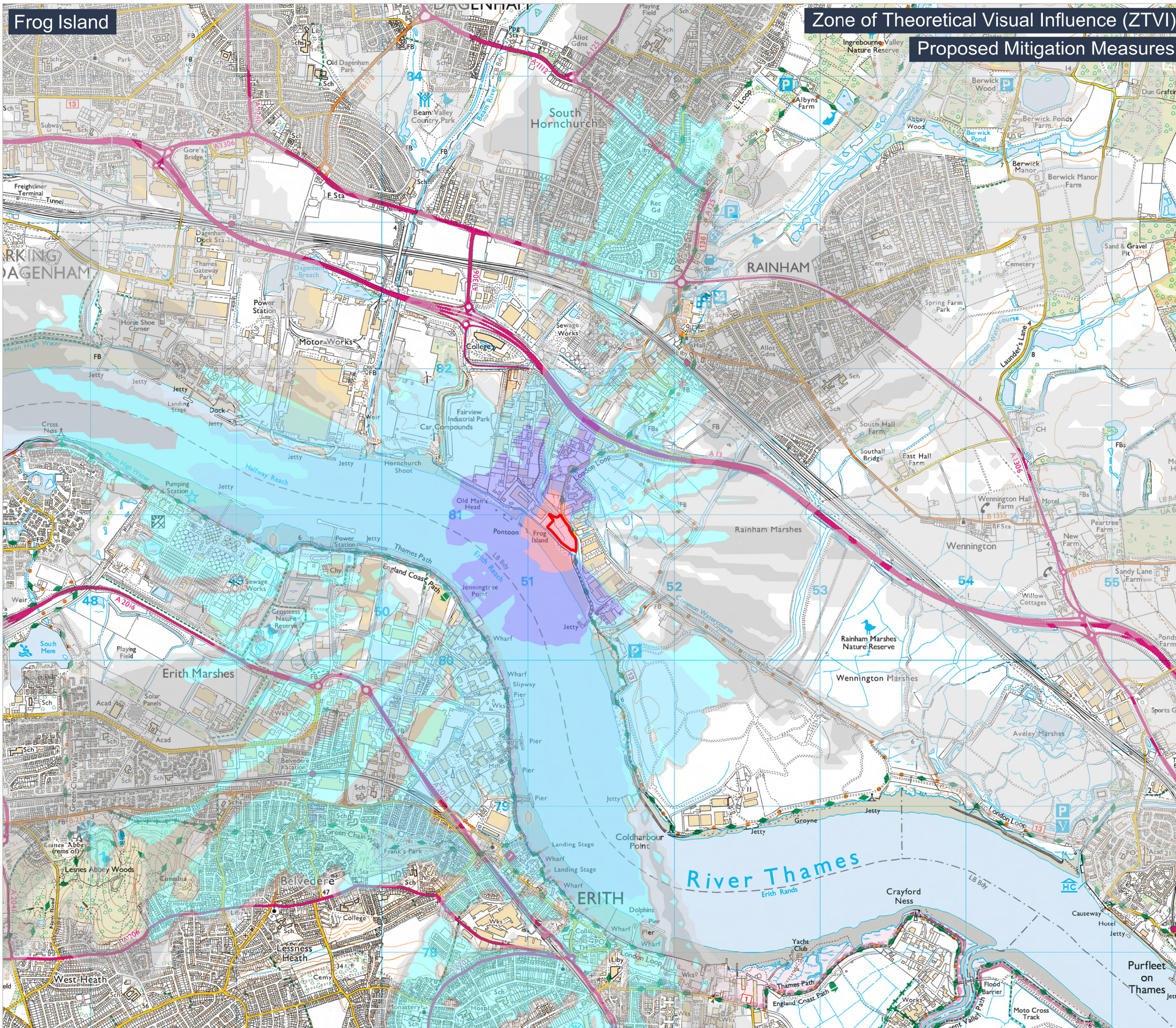
REF NO:
KD.FRG.2.D.005

DATE:
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SCALE:
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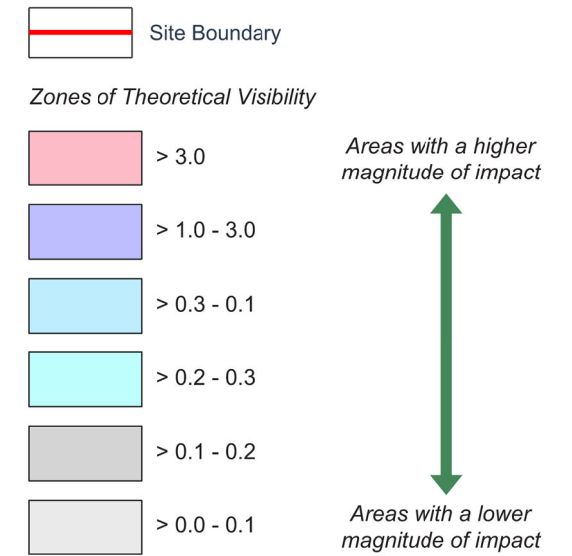




Zone of Theoretical Visual Influence (ZTVI)

Proposed Mitigation Measures

LEGEND



The vertical angle is the sectional angle the site forms when viewed from a specific location. The edge of the coloured area defines the visual envelope within the Local Study Area.

This computer method helps define the measure of visual impact the proposed scheme might have by linking potential visual impact to the vertical angle subtended at the viewpoint by the top and bottom extremities of the area being viewed. This gives a measure of how much of a given field of view is occupied by the area when viewed from different locations. This method automatically takes into account what effect distance has on impact (i.e. an object close to the viewer occupies a far greater vertical angle than something hundreds of metres away).

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PROJECT:
Frog Island

TITLE:
ZTVI - Proposed Mitigation Measures

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Representative Visual Receptor Locations

LEGEND

-  Site Boundary
-  Representative Receptor Locations



PROJECT:
Frog Island

TITLE:
Representative Visual Receptor Locations

REF NO:
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