



**CLEARSTONE
ENERGY**

DARTFORD ENERGY HUB

LVIA - APPENDIX A.1

Prepared by Clearstone Energy & Liz Lake Associates |
December 2024 | Document Reference: R003a

LANDSCAPE AND VISUAL IMPACT ASSESSMENT (LVIA)

Figures 1 to 8

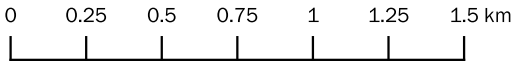
December 2024

- Figure 1: Site Location
- Figure 2: Statutory Designations
- Figure 3: Environmental and Cultural Context with Public Rights of Way
- Figure 4: Green Belt
- Figure 5: Published Landscape Character Assessments
- Figure 6: Zone of Theoretical Visibility (ZTV)
- Figure 7: Photo Location Plan – Close Proximity
- Figure 8: Photo Location Plan – Middle to Long Distance

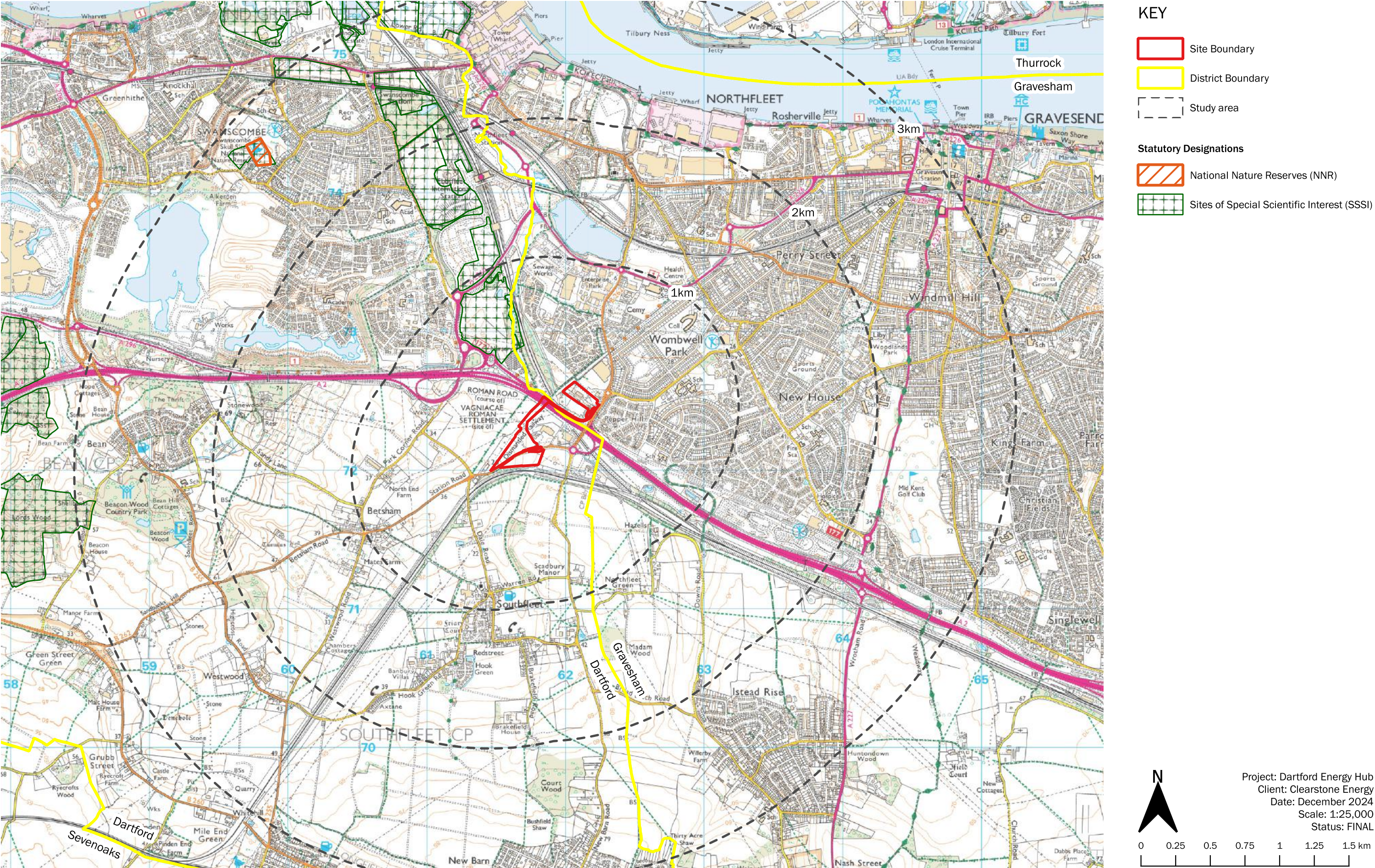


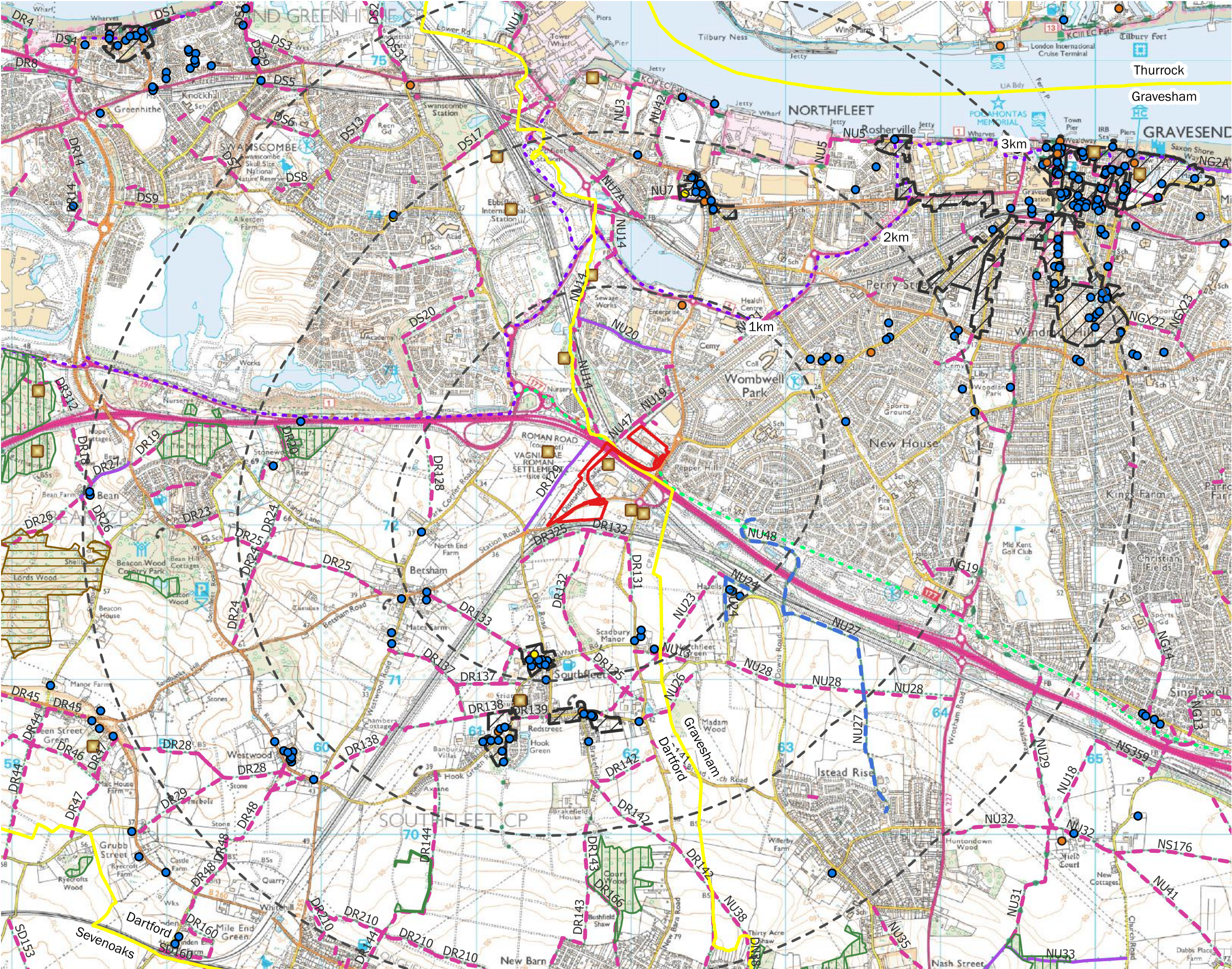
KEY

- Site Boundary
- District Boundary



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Scale: 1:25,000
Status: FINAL





KEY

Site Boundary

District Boundary

Study area

Heritage Designations

Scheduled Monuments

Grade I Listed Buildings

Grade II Listed Buildings

Grade II* Listed Buildings

Conservation Area

Woodland Designations

Ancient and Semi-Natural Woodland

Ancient Replanted Woodland

Public Rights of Way (PROW)

Public Footpath

Public Bridleway

Restricted Byway

National Cycle Network

Cycle Route 1

Cycle Route 177

N

0

0.25

0.5

0.75

1

1.25

1.5 km

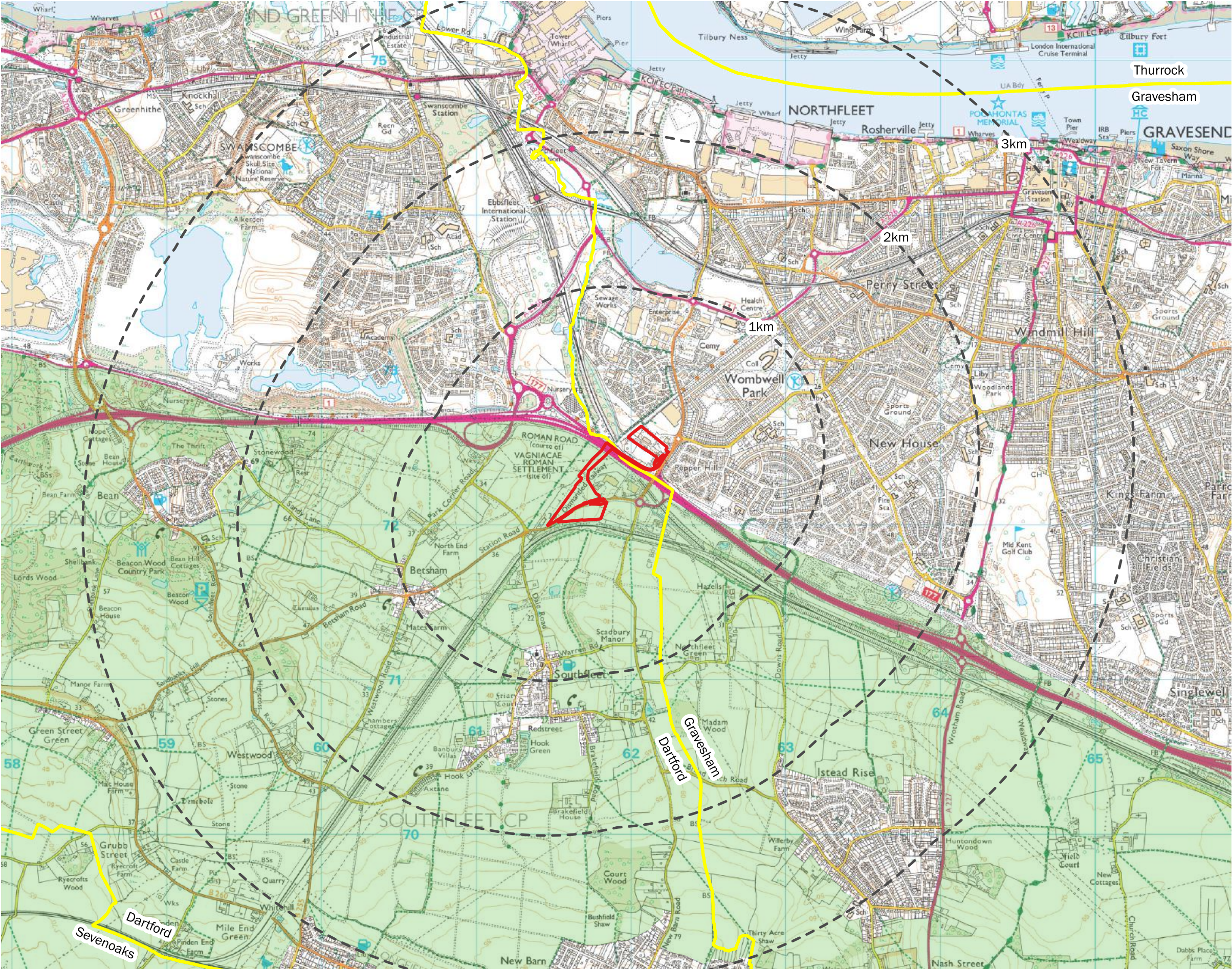
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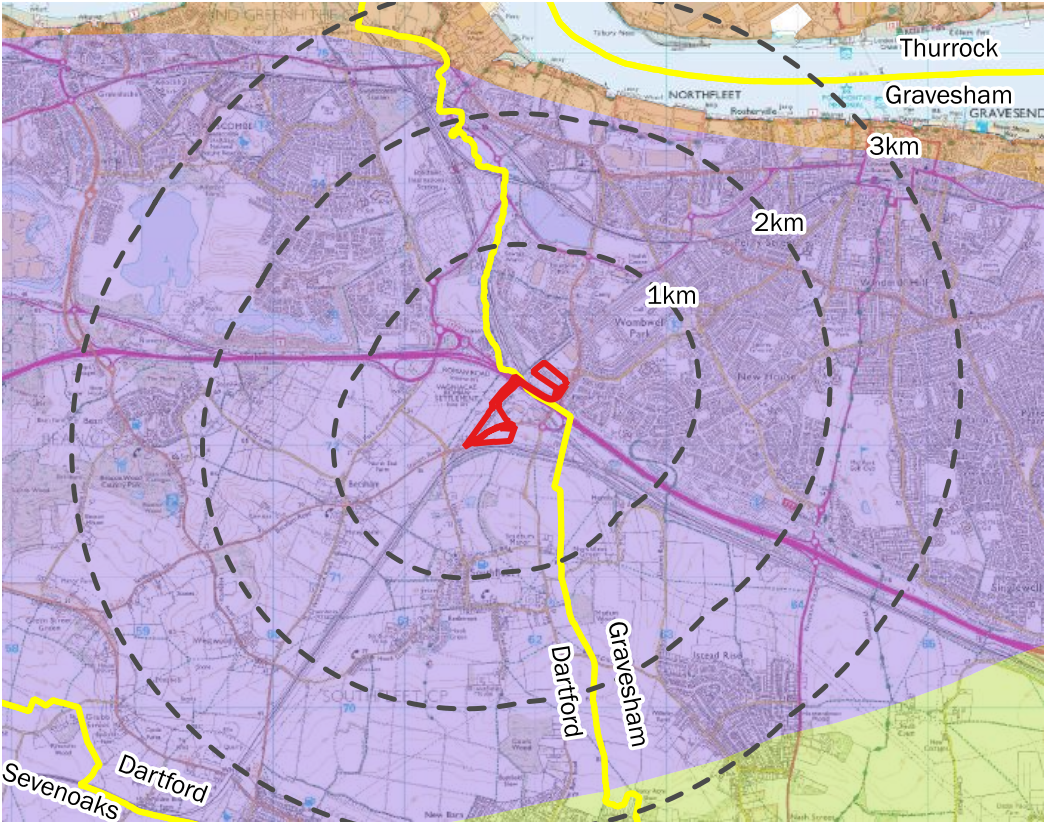
KEY

- Site Boundary
- District Boundary
- Study area
- Green Belt

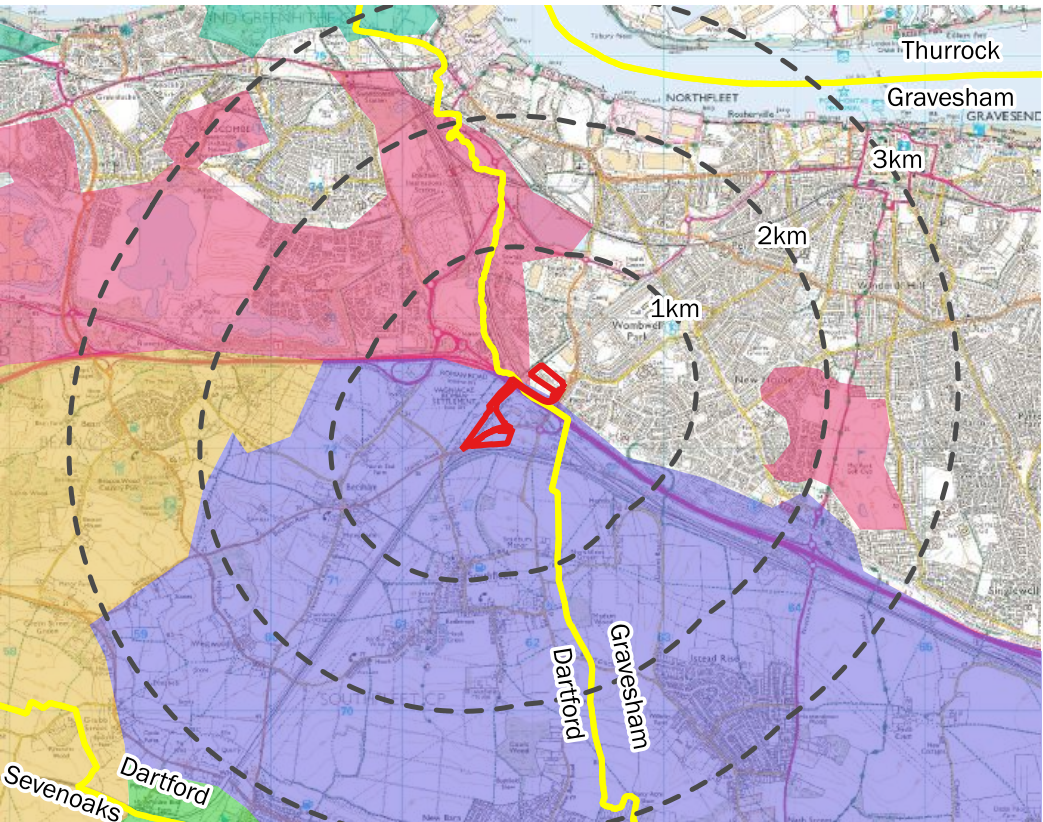
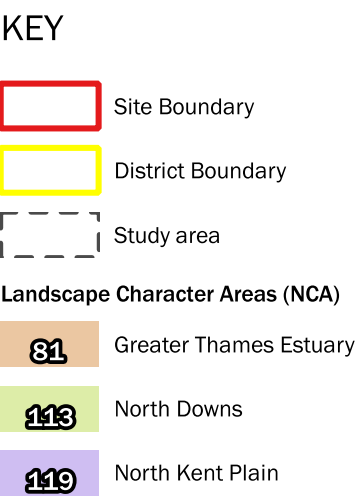


0 0.25 0.5 0.75 1 1.25 1.5 km

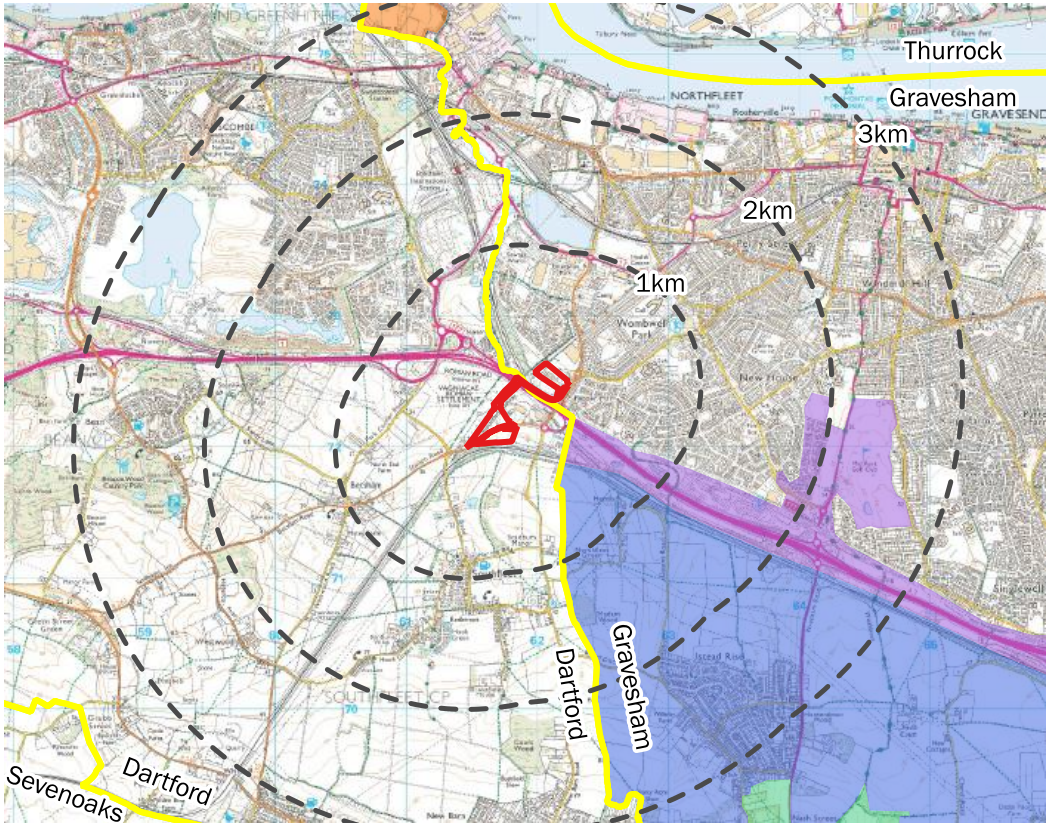
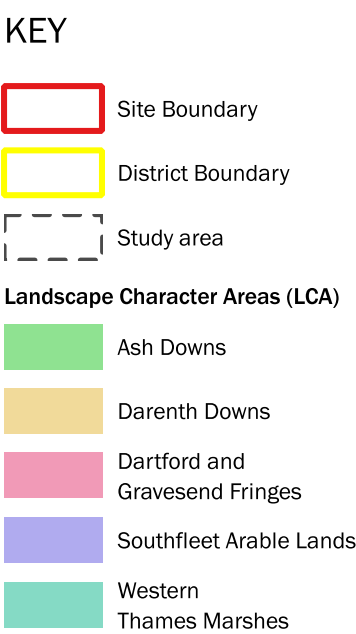
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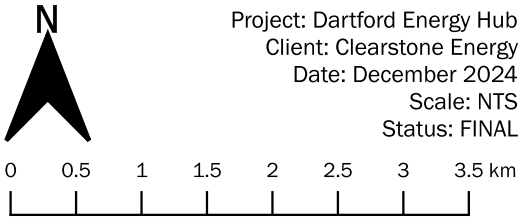
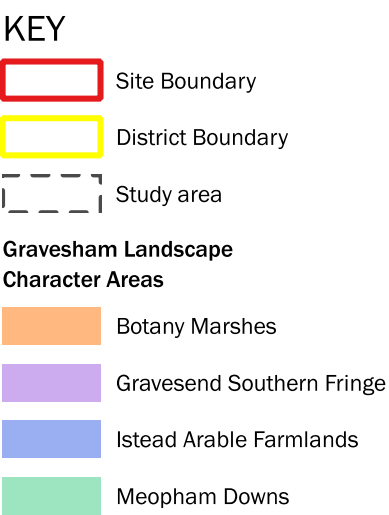
National Character Area Profile

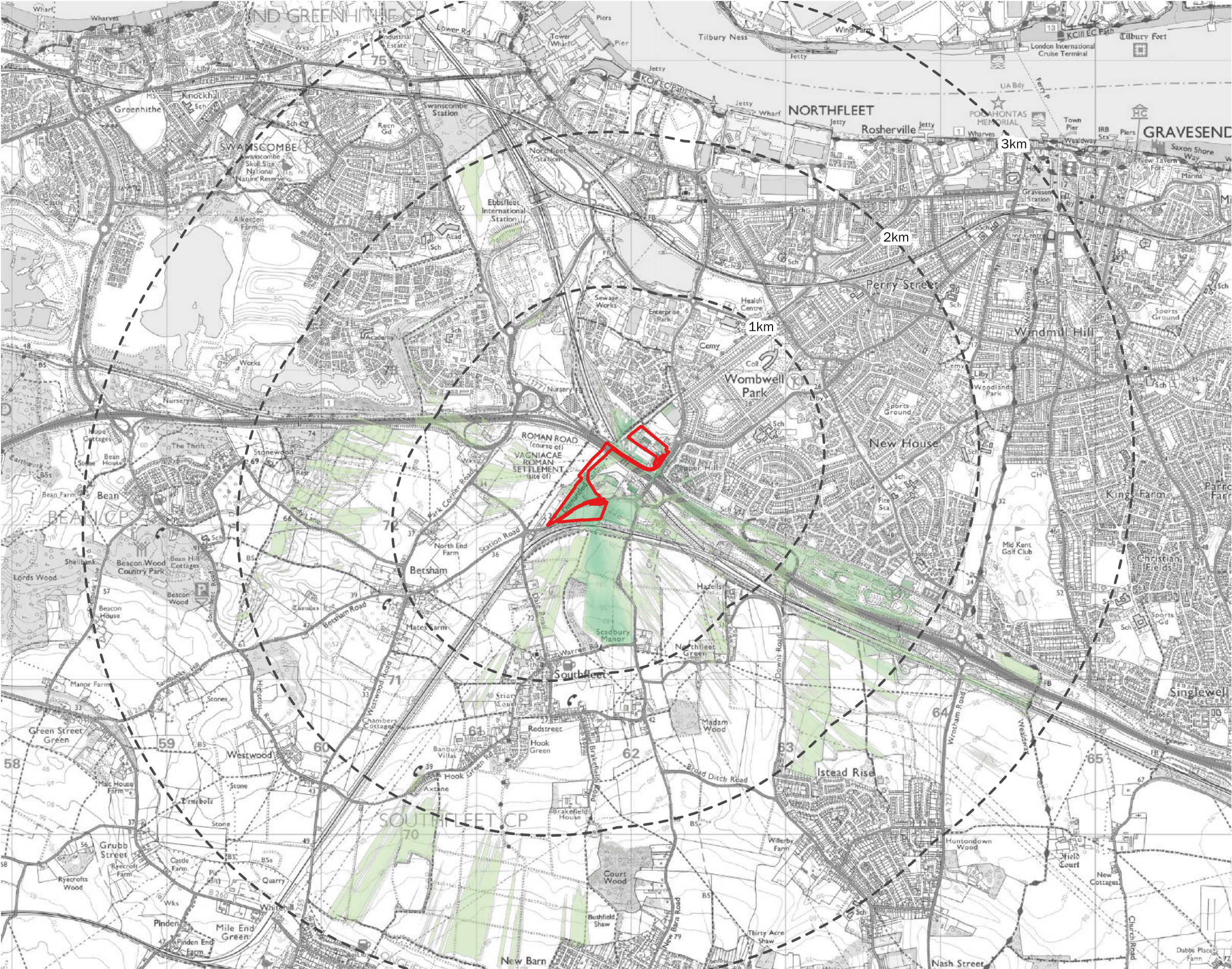


Kent County Landscape Character Assessment



Gravesham Landscape Character Assessment





KEY

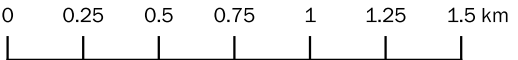
- Site Boundary
- Study area

Zone of Theoretical Visibility (ZTV)

- Higher Potential Visibility
- Lower Potential Visibility

The ZTV is generated from a receptor height of 13.5m for a single building in the north eastern corner of the Site with the remaining built form across the Site at 3m. Multiple targets were placed within the site to best represent points that may be visible.

The ZTV is based on LiDAR 1m First Return DSM (Digital Surface Model), which includes heights of objects, such as buildings and prominent blocks of vegetation. Some changes within the landscape may have occurred since the DSM data and ZTV was created. Data source: data.gov.uk. This ZTV also includes Earth's curvature.



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Status: FINAL



KEY

Site Boundary

Photo Location

N

0100200300

m

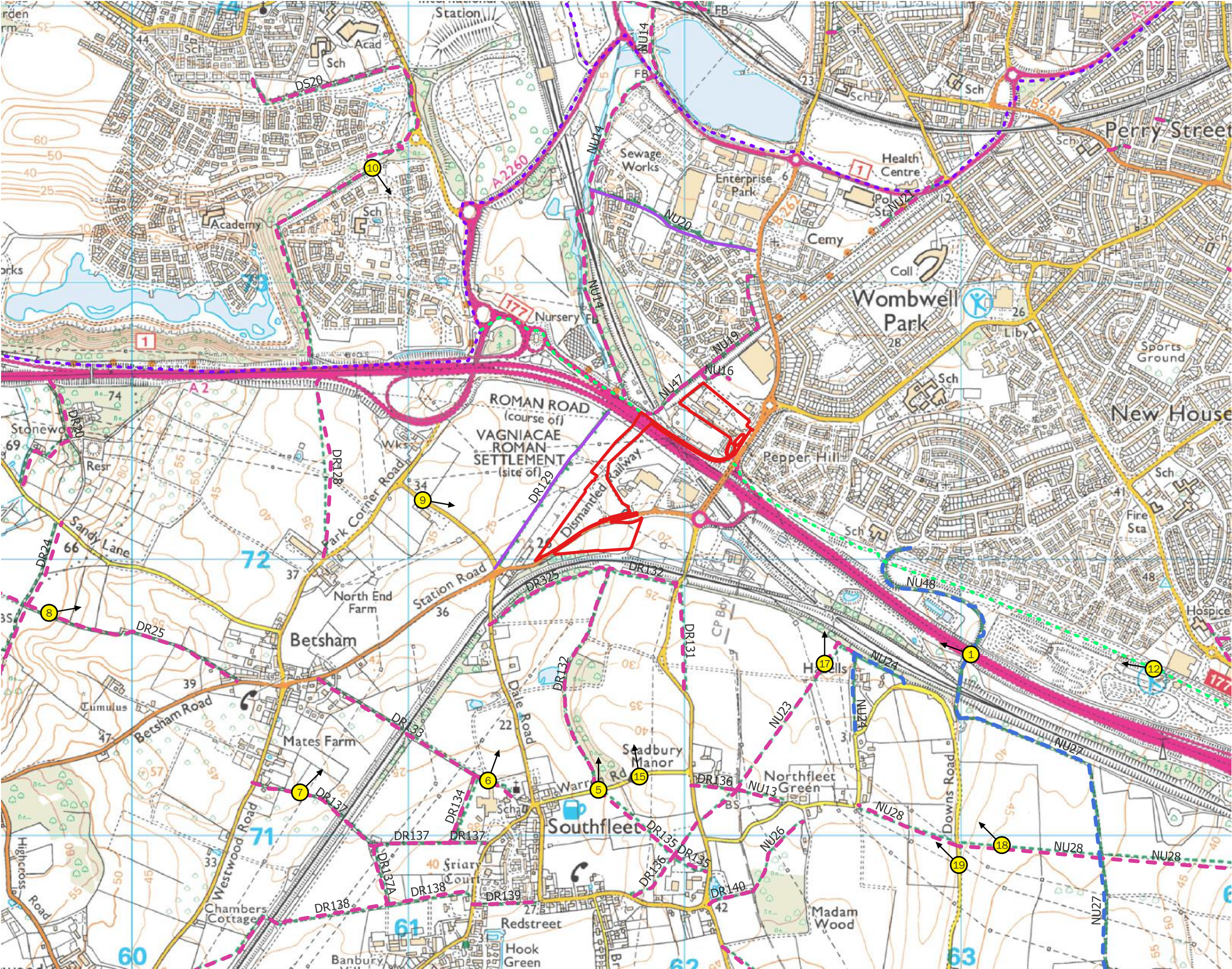
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Date: December 2024

Scale: NTS

Status: FINAL



KEY

[Red outline] Site Boundary

[Yellow circle with number 1] Photo Location

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Scale: NTS
Status: FINAL

0 0.25 0.5 0.75 km

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