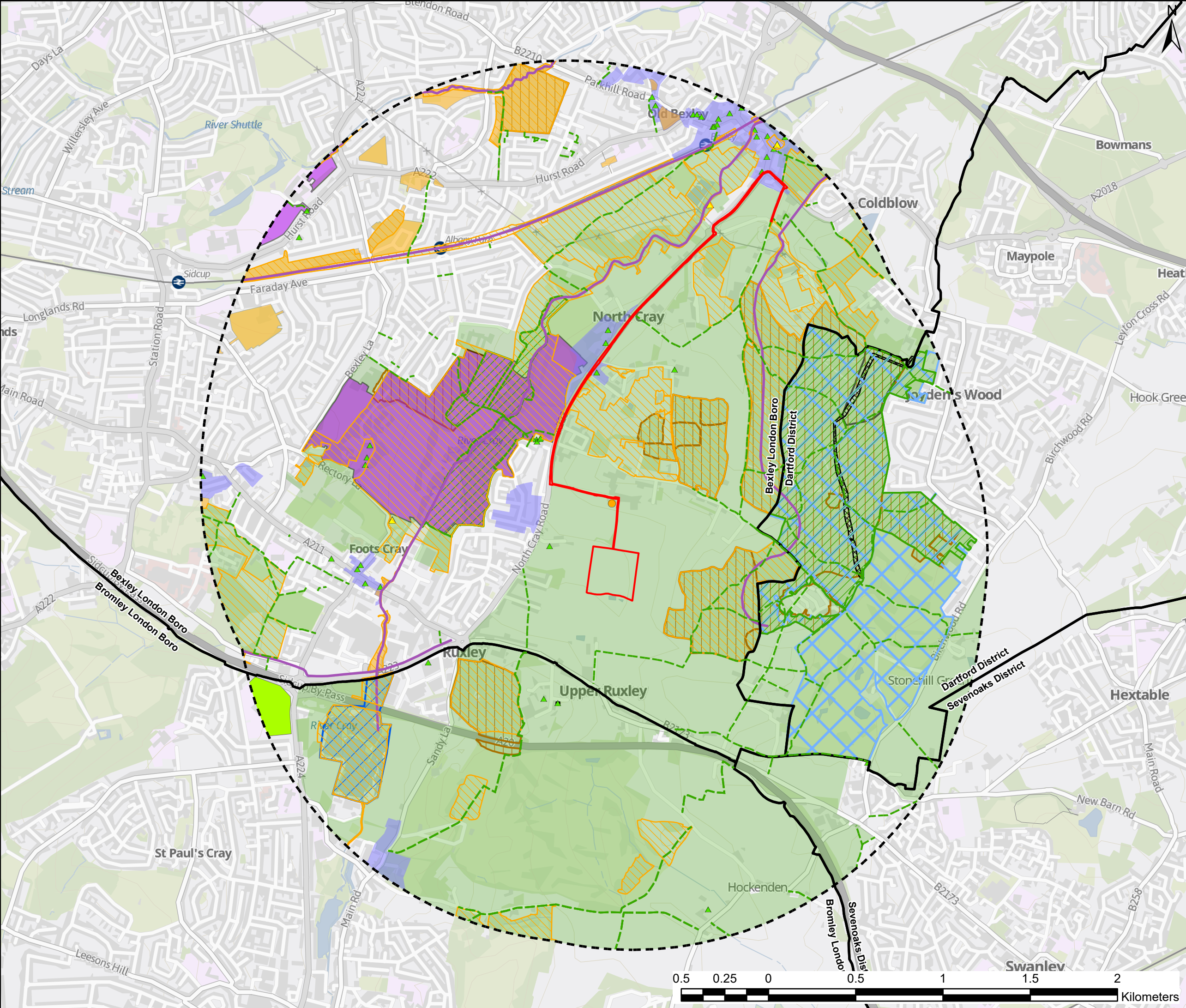


LAND AT NORTH CRAY ROAD, ENERGY STORAGE SYSTEM

LANDSCAPE, TOWNSCAPE AND VISUAL IMPACT ASSESSMENT LTVIA PART 2 OF 5



Prepared for Net Zero Thirty Two Limited
April 2025



RHLA LTD

Project Title
North Cray Road ESS

Client
Net Zero Thirty Two Ltd

Drawing Title
Site Context

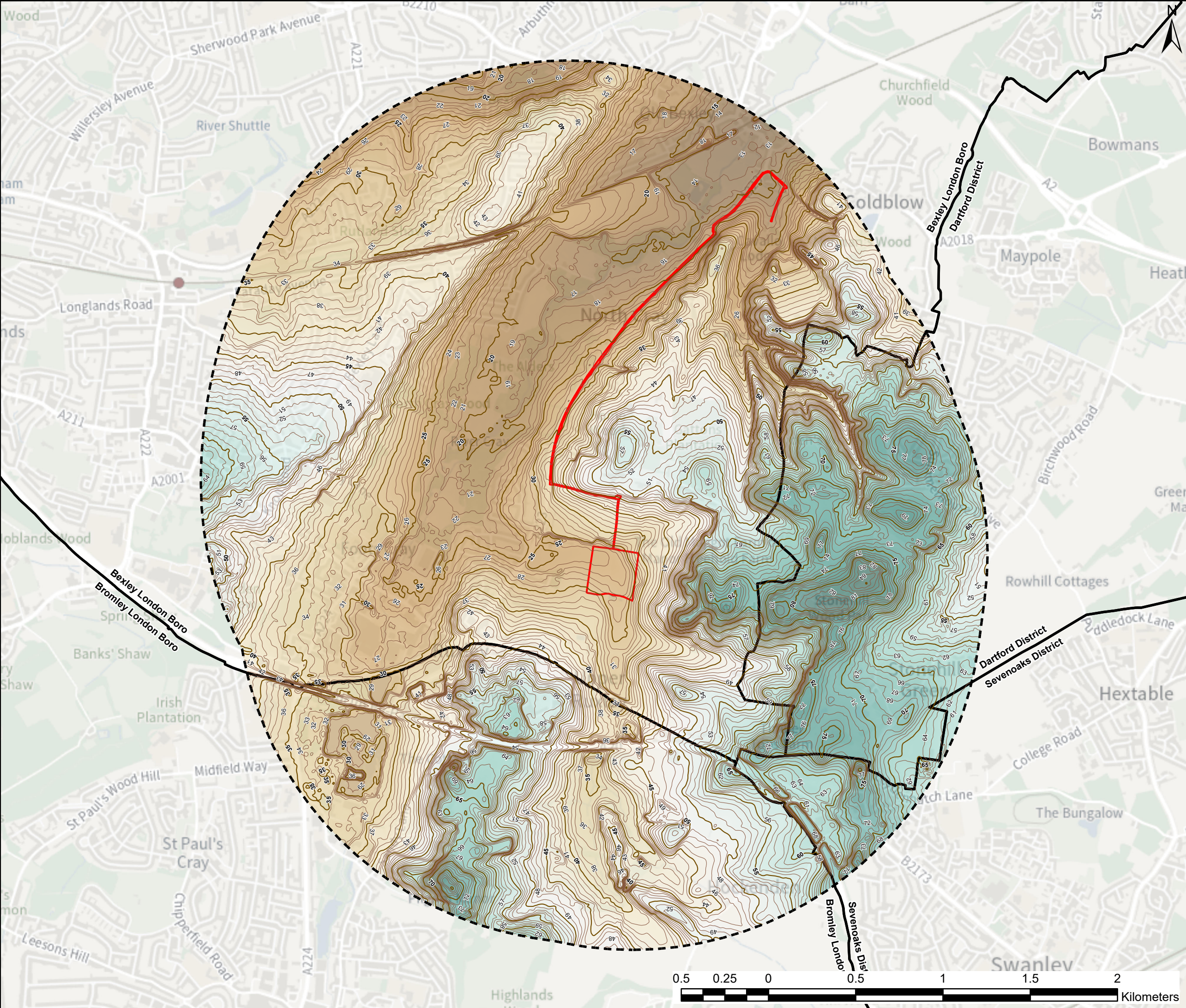
General Notes
1. Do not scale from this drawing.
2. All dimensions, co-ordinates and levels are shown in meters unless otherwise stated.

- 2km Study Area
- Site Boundary
- Local Authority Boundary
- Public Right of Way
- Grade II* Listed Building
- Grade II Listed Building
- Locally Listed Building
- Scheduled Monument
- Conservation Area
- Registered Parks and Gardens
- Ancient Woodland
- Site of Special Scientific Interest
- Local Nature Reserve
- CRoW Access Land
- Green Belt (2021-22)
- The Bromley Local Plan (2019)**
 - Urban Open Space
 - Sites of Importance for Nature Conservation
- Bexley Local Plan (2023)**
 - Strategic Green Wildlife Corridors
 - Sites of Importance to Nature Conservation
 - Local Nature Reserves
 - Urban Open Space
- Dartford Borough Local Plan (2024 - 2037)**
 - Local Wildlife Sites (M14)
 - Borough Open Space (M13)

-	-	-	-
Revision	By/Check	Date	Suffix

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Drawn DB	Review EB	Approved RH	Date 2025-02-14
Drawing No FIGURE 1			Rev -



RHLA LTD

Project Title
North Cray Road ESS

Client
Net Zero Thirty Two Ltd

Drawing Title
Topography

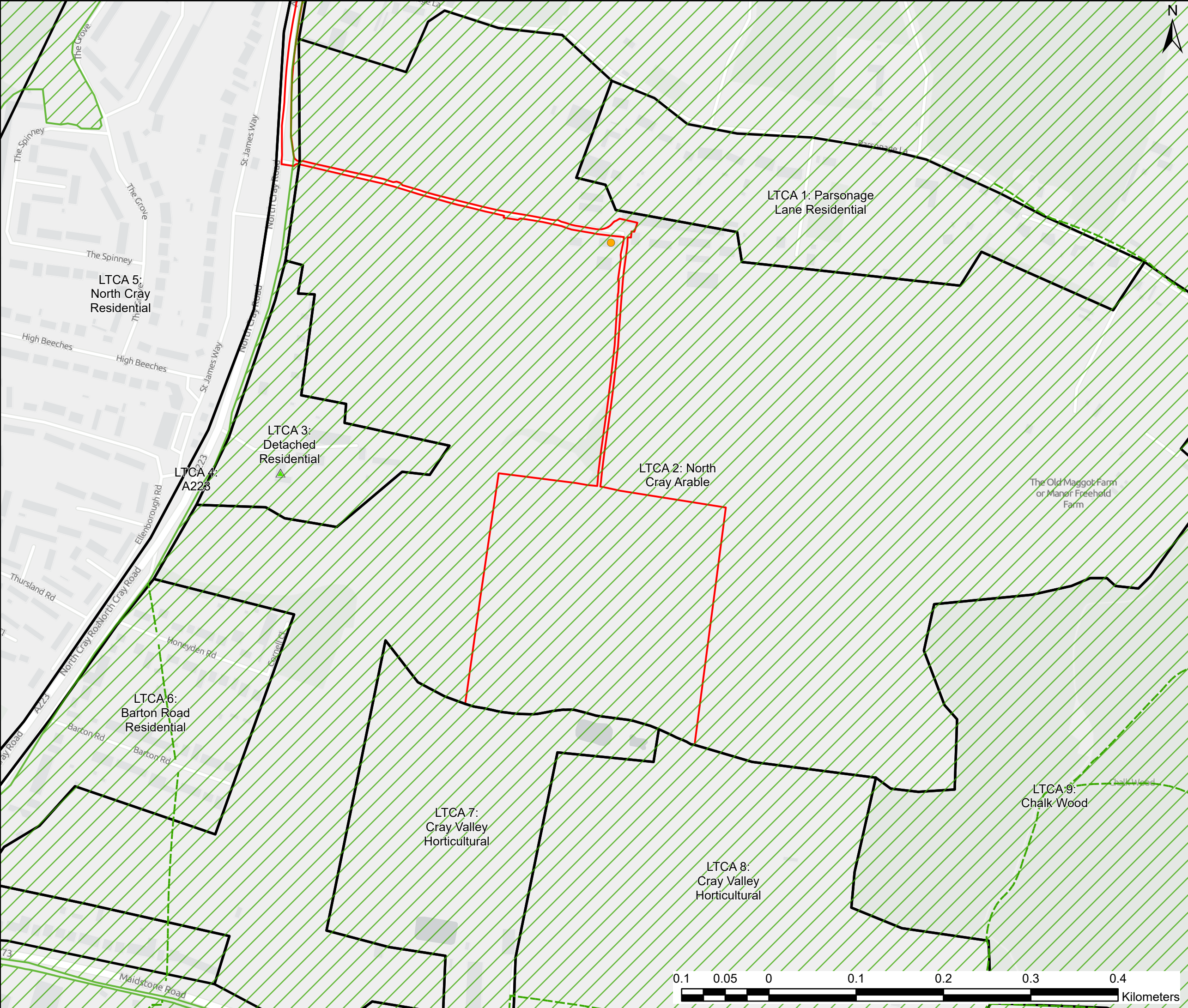
General Notes
1. Do not scale from this drawing.
2. All dimensions, co-ordinates and levels are shown in meters unless otherwise stated.

--- 2km Study Area
[Red Outline] Site Boundary
[Black Outline] Local Authority Boundary
— 5m Major Contour
— 1m Minor Contour
DTM (mAOD)
[Color Scale] 85.65
[Color Scale] 11

-	-	-	-
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Drawn DB	Review EB	Approved RH	Date 2025-02-14
Drawing No FIGURE 2			Rev -



RHLA LTD

Project Title
North Cray Road ESS

Client
Net Zero Thirty Two Ltd

Drawing Title
Local Townscape Character Area Plan

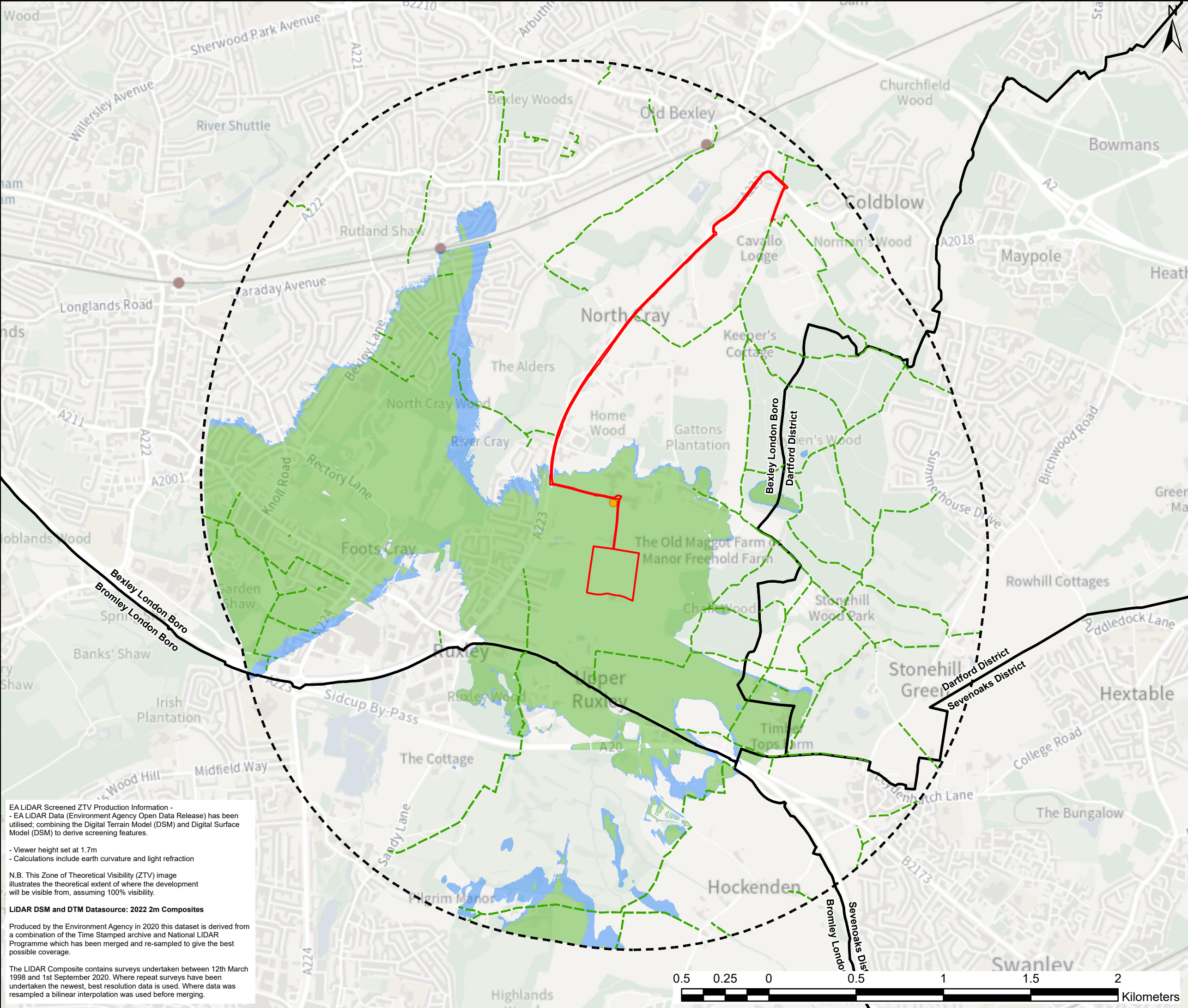
General Notes
1. Do not scale from this drawing.
2. All dimensions, co-ordinates and levels are shown in meters unless otherwise stated.

- Site Boundary
- Townscape Areas
- Green Belt (2021-22)
- ▲ Grade II Listed Building
- Public Right of Way
- Locally Listed Building

-	-	-	-
Revision	By/Check	Date	Suffix

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Drawing No FIGURE 3			Rev -



EA LiDAR Screened ZTV Production Information -
- EA LiDAR Data (Environment Agency Open Data Release) has been utilised; combining the Digital Terrain Model (DSM) and Digital Surface Model (DSM) to derive screening features.

- Viewer height set at 1.7m
- Calculations include earth curvature and light refraction

N.B. This Zone of Theoretical Visibility (ZTV) image illustrates the theoretical extent of where the development will be visible from, assuming 100% visibility.

LiDAR DSM and DTM Datasource: 2022 2m Composites

Produced by the Environment Agency in 2020 this dataset is derived from a combination of the Time Stamped archive and National LiDAR Programme which has been merged and re-sampled to give the best possible coverage.

The LiDAR Composite contains surveys undertaken between 12th March 1998 and 1st September 2020. Where repeat surveys have been undertaken the newest, best resolution data is used. Where data was resampled a bilinear interpolation was used before merging.

RHLA LTD

Project Title
North Cray Road ESS

Client
Net Zero Thirty Two Ltd

Drawing Title
Zone of Theoretical Visibility
Bare Earth

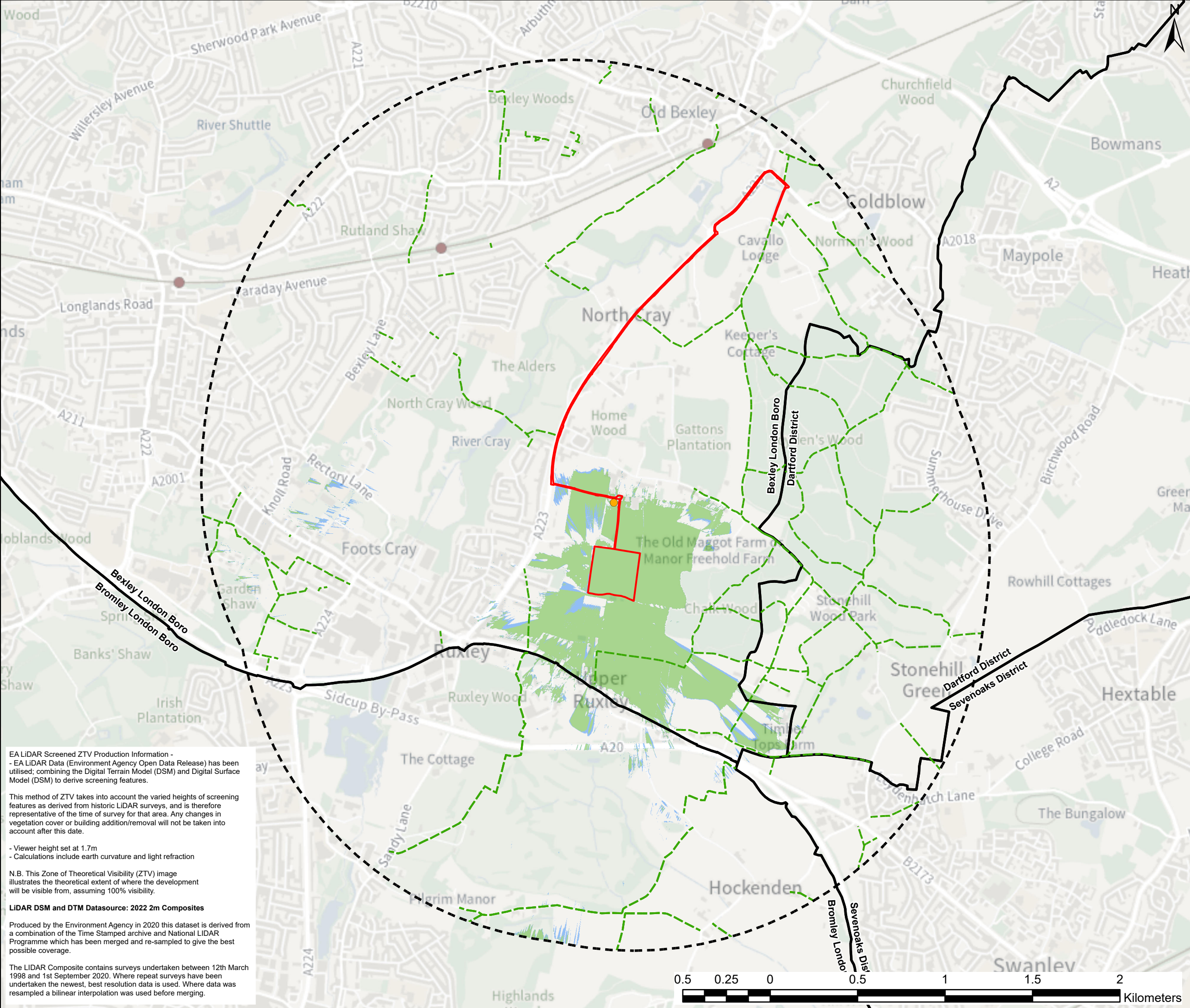
General Notes
1. Do not scale from this drawing.
2. All dimensions, co-ordinates and levels are shown in meters unless otherwise stated.

- Site Boundary
- 2km Study Area
- Local Authority Boundary
- Public Right of Way
- Zones of Theoretical Visibility**
 - 3m Development Height
 - 7m Development Height
 - Locally Listed Building

-	-	-	-
Revision	By/Check	Date	Suffix

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Drawn DB	Review EB	Approved RH	Date 2025-01-18
Drawing No FIGURE 4a			Rev -



EA LiDAR Screened ZTV Production Information -
- EA LiDAR Data (Environment Agency Open Data Release) has been utilised; combining the Digital Terrain Model (DSM) and Digital Surface Model (DSM) to derive screening features.

This method of ZTV takes into account the varied heights of screening features as derived from historic LiDAR surveys, and is therefore representative of the time of survey for that area. Any changes in vegetation cover or building addition/removal will not be taken into account after this date.

- Viewer height set at 1.7m
- Calculations include earth curvature and light refraction

N.B. This Zone of Theoretical Visibility (ZTV) image illustrates the theoretical extent of where the development will be visible from, assuming 100% visibility.

LIDAR DSM and DTM Datasource: 2022 2m Composites

Produced by the Environment Agency in 2020 this dataset is derived from a combination of the Time Stamped archive and National LiDAR Programme which has been merged and re-sampled to give the best possible coverage.

The LiDAR Composite contains surveys undertaken between 12th March 1998 and 1st September 2020. Where repeat surveys have been undertaken the newest, best resolution data is used. Where data was resampled a bilinear interpolation was used before merging.

RHLA LTD

Project Title

North Cray Road ESS

Client

Net Zero Thirty Two Ltd

Drawing Title

Zone of Theoretical Visibility with Screening

General Notes

1. Do not scale from this drawing.
2. All dimensions, co-ordinates and levels are shown in meters unless otherwise stated.

Site Boundary

2km Study Area

Local Authority Boundary

Public Right of Way

Zones of Theoretical Visibility

3m Development Height

7m Development Height

Locally Listed Building

-	-	-	-
Revision	By/Check	Date	Suffix

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Drawn DB	Review EB	Approved RH	Date 2025-01-18
Drawing No FIGURE 4b			Rev -

