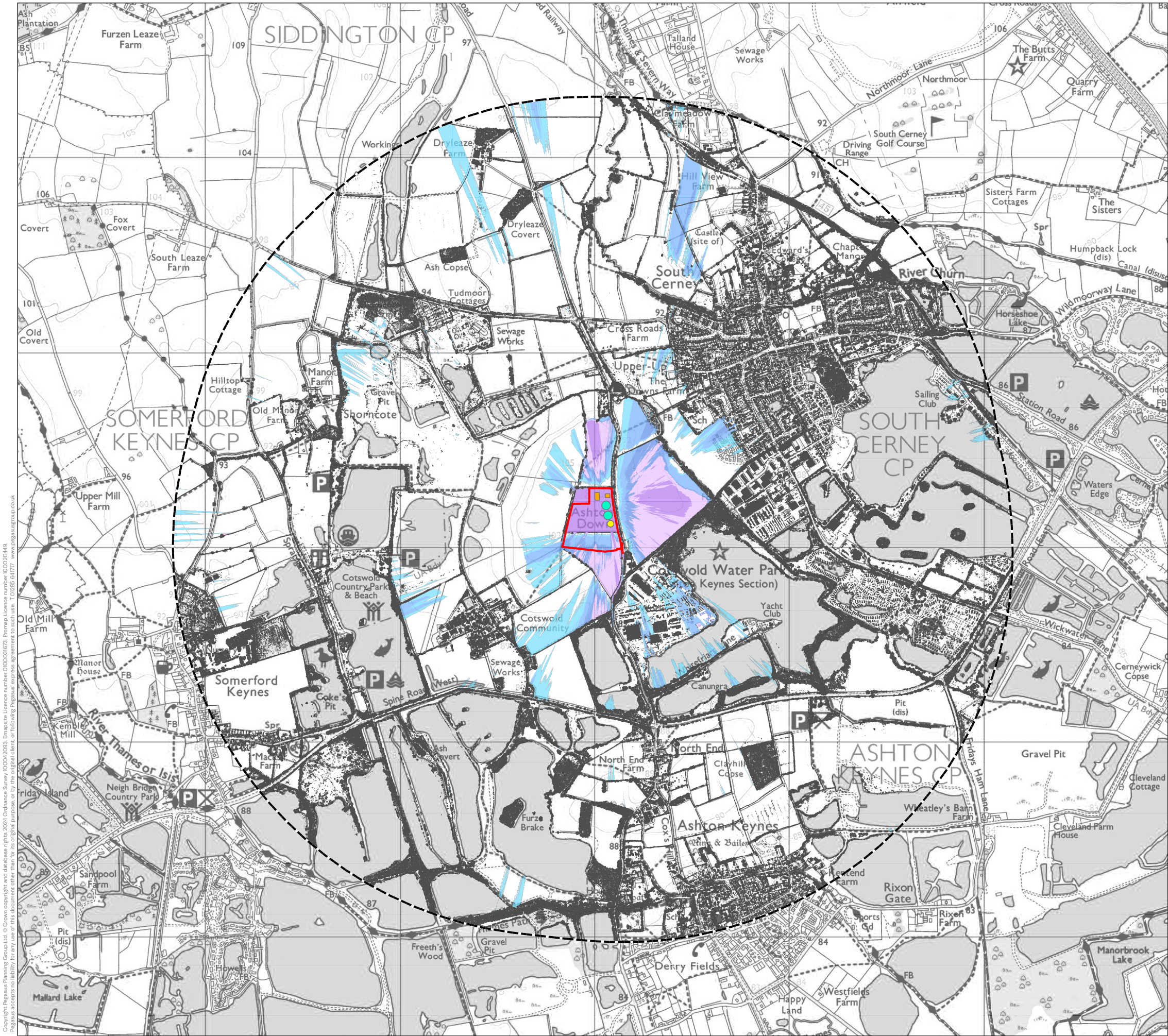




KEY

- Site Boundary
- 2km Buffer
- Proposed Development
 - Chicken Muck Building – 100m Development Height AOD
 - Primary Digester – 102.3m Development Height AOD
 - Post Digester – 108.5m Development Height AOD
 - Surface Features Extracted from LiDAR > 0.5m
- Screened Zone of Theoretical Visibility
 - Less than 20% Visibility
 - 20–40% Visibility
 - 40–60% Visibility
 - 60–80% Visibility
 - 80–100% Visibility

EA LiDAR Screened ZTV Production Information –

– EA LiDAR Data (Environment Agency Open Data Release) has been utilised; combining the Digital Terrain Model (DTM) 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 (in accordance with para 6.11 of GLVIA Third edition)
- Calculations include earth curvature and light refraction

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

Date of LiDAR survey data: 2022

FIGURE 7.2 – SCREENED ZONE OF THEORETICAL VISIBILITY

ASHTON KEYNES AD FACILITY

ACORN BIOENERGY LIMITED

DATE 18/07/2024 SCALE 1:20,000@A3 TEAM NC APPROVED JB

SHEET – REVISION A

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