

# Cottam Solar Project

## Environmental Statement Appendix 13.5: Heritage Statement (Part 4 of 4)

Prepared by: Lanpro Services  
January 2023

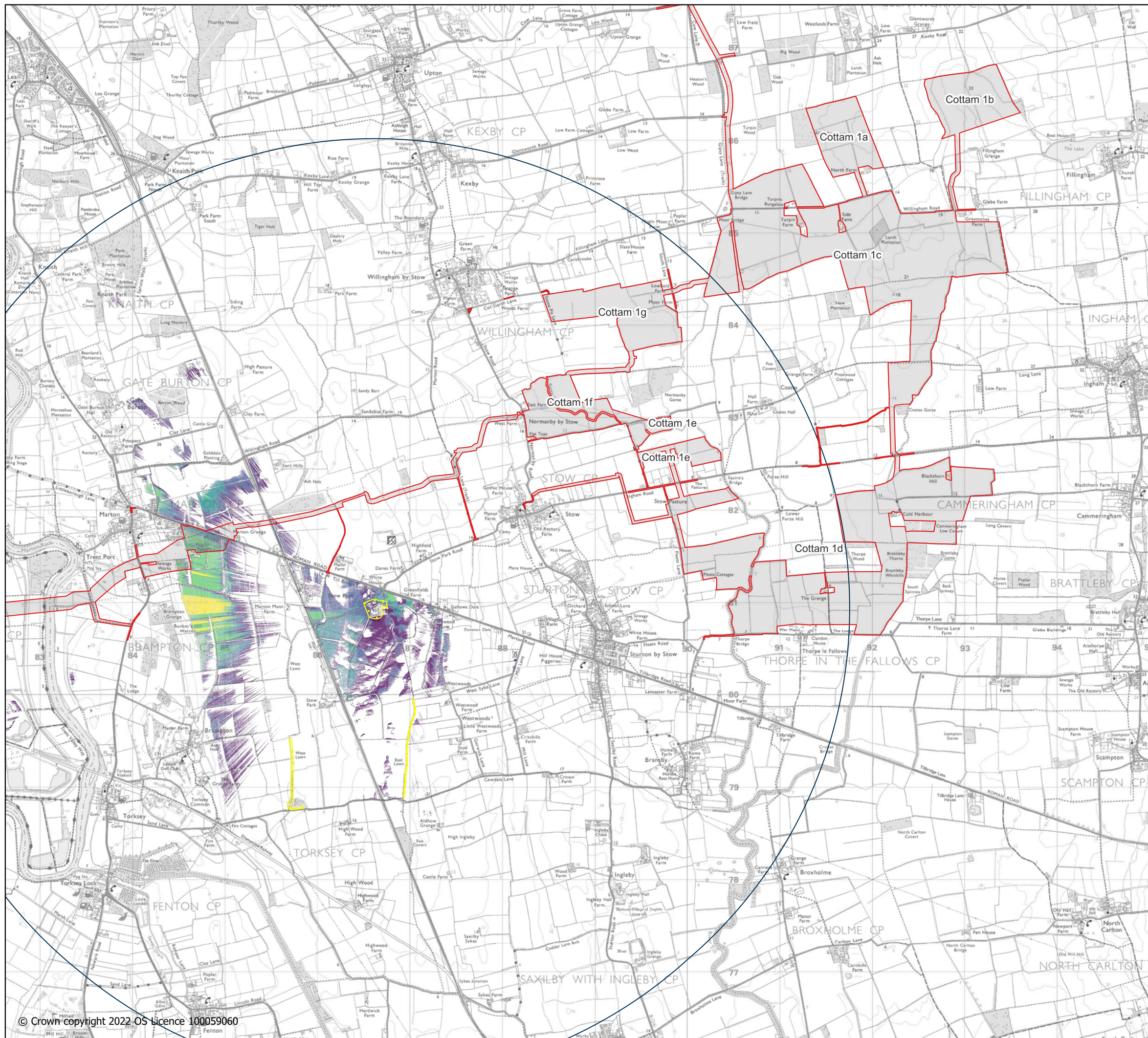
PINS reference: EN010133  
Document reference: APP/C6.3.13.5  
APFP Regulation 5(2)(a)





**Figures 20-31**

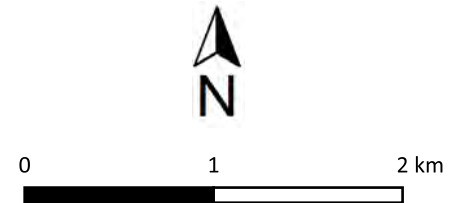




- DCO application boundary
- The medieval bishop's palace and deer park, Stow Park (NHLE 1019229)
- ZTV observer points
- 5km extent of ZTV
- Visible from 1 observer point
- Visible from 2 observer points
- Visible from 3 observer points
- Visible from 4 observer points
- Visible from 5 observer points

ZTV produced using the QGIS Visibility Analysis plugin from 5 observer points within the scheduled area surrounding the Bishop's Palace moated site with an eye level height of 1.85m.

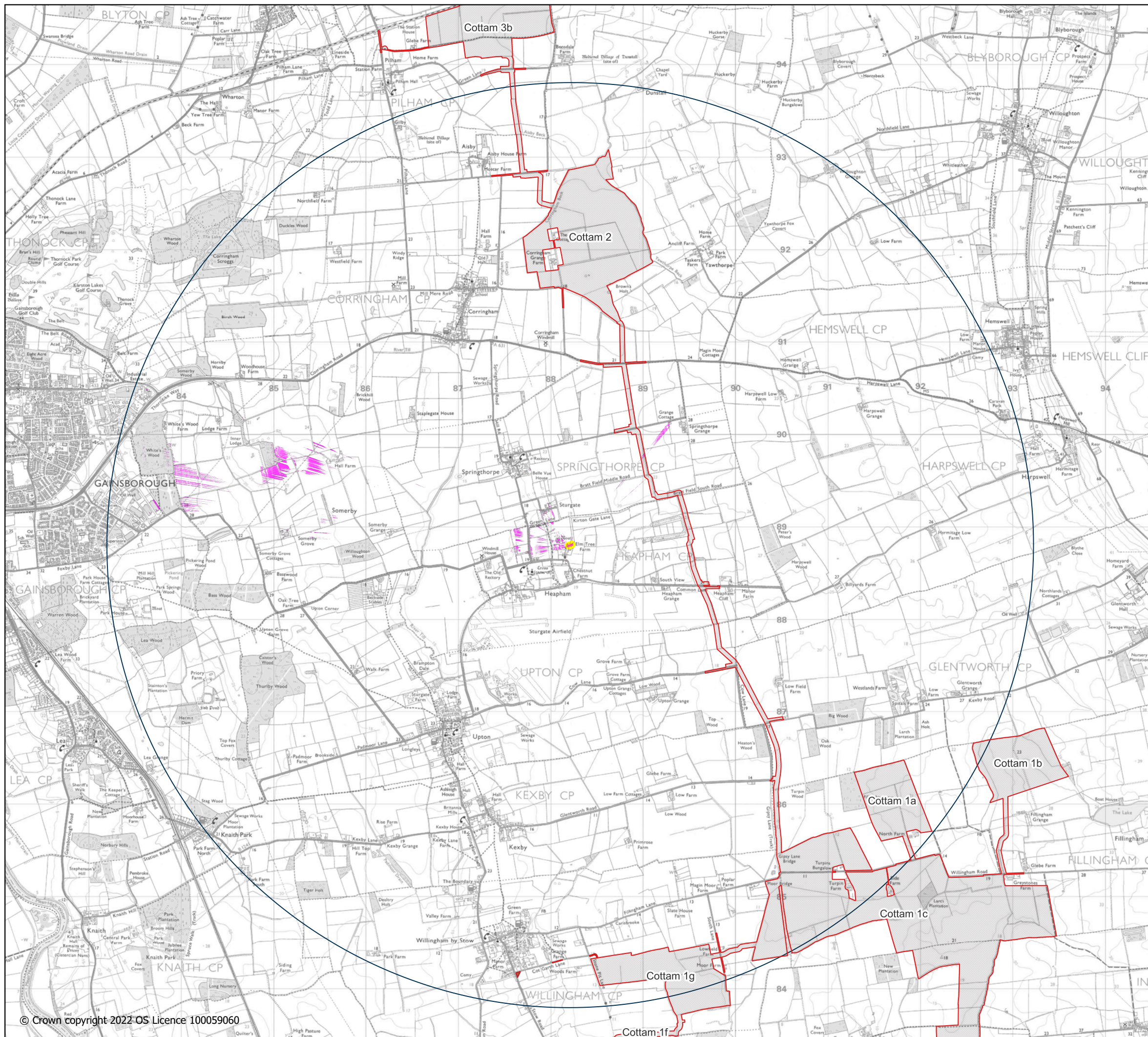
Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.



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Figure App.13.5-20:  
ZTV from The medieval bishop's palace and deer park, Stow Park (NHLE 1019229)

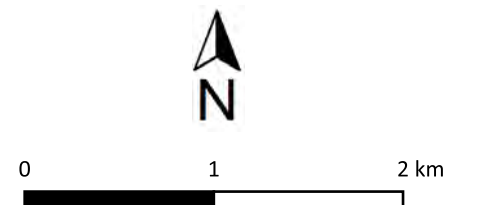




- DCO application boundary
- ZTV observer points at Elm Tree Farm
- 5km extent of ZTV
- Visible from one or both observer points

ZTV produced using the QGIS Visibility Analysis plugin from 2 observer points within farmyard adjacent to the scheduled area with an eye level height of 1.85m.

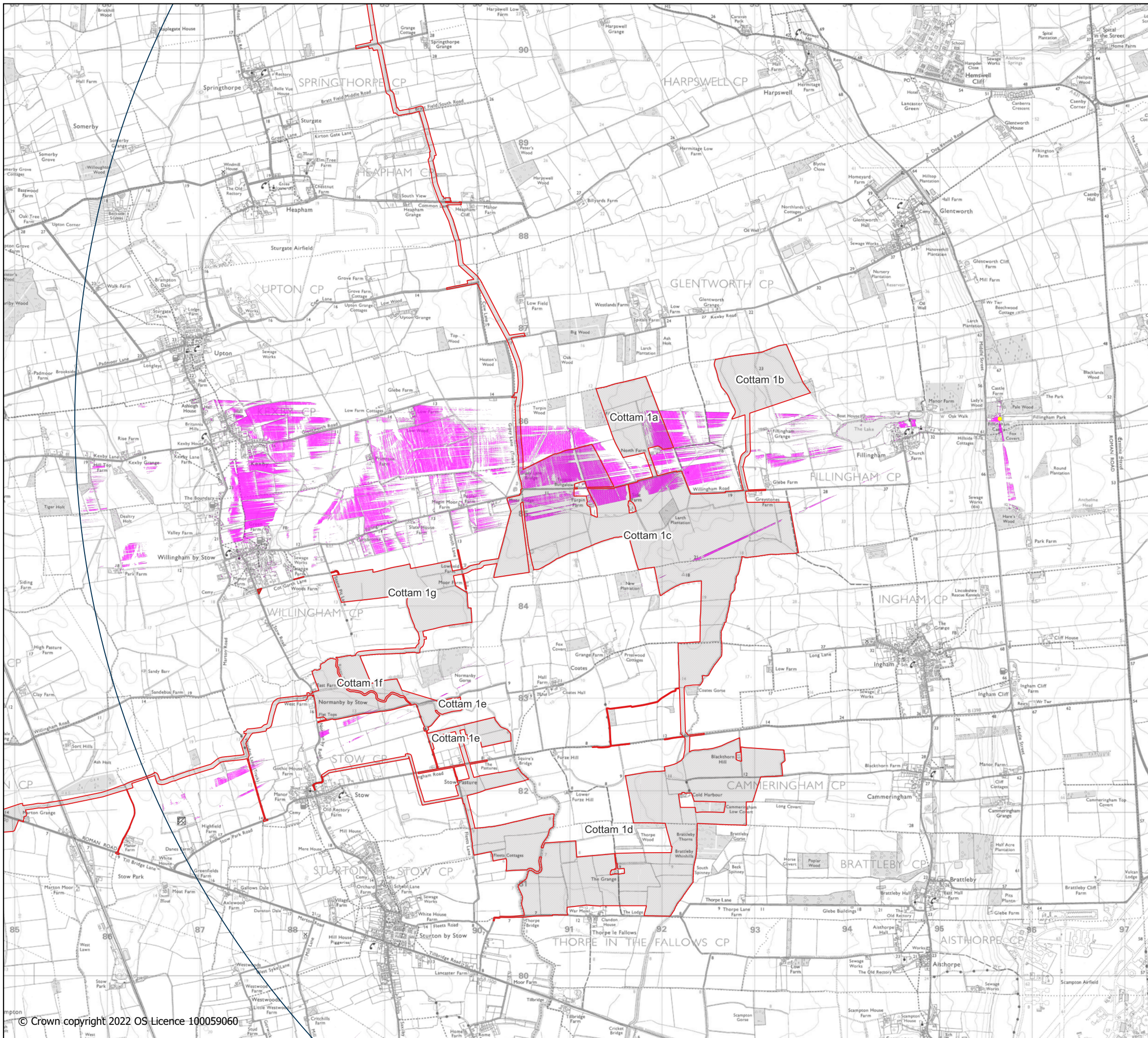
Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.



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Figure App.13.5-21:  
ZTV from farmyard adjacent to Dovecote at Elm Tree Farm (NHLE 1020196)

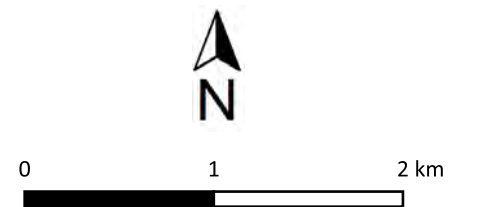




- DCO application boundary
- ZTV observer point on terrace immediately adjacent to Fillingham Castle (NHLE 1166045)
- 10km extent of ZTV
- Extent of ZTV from viewpoint location on Fillingham Castle west terrace

ZTV produced using the QGIS Visibility Analysis plugin from a single observer point located in the centre of the west terrace of Fillingham Castle with an eye level height of 1.85m.

Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.



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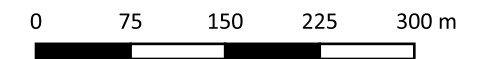
Figure App.13.5-22:  
ZTV from Fillingham Castle (NHLE 1166045)



- ZTV observer point
- Viewshed from observer point east of Stable Block

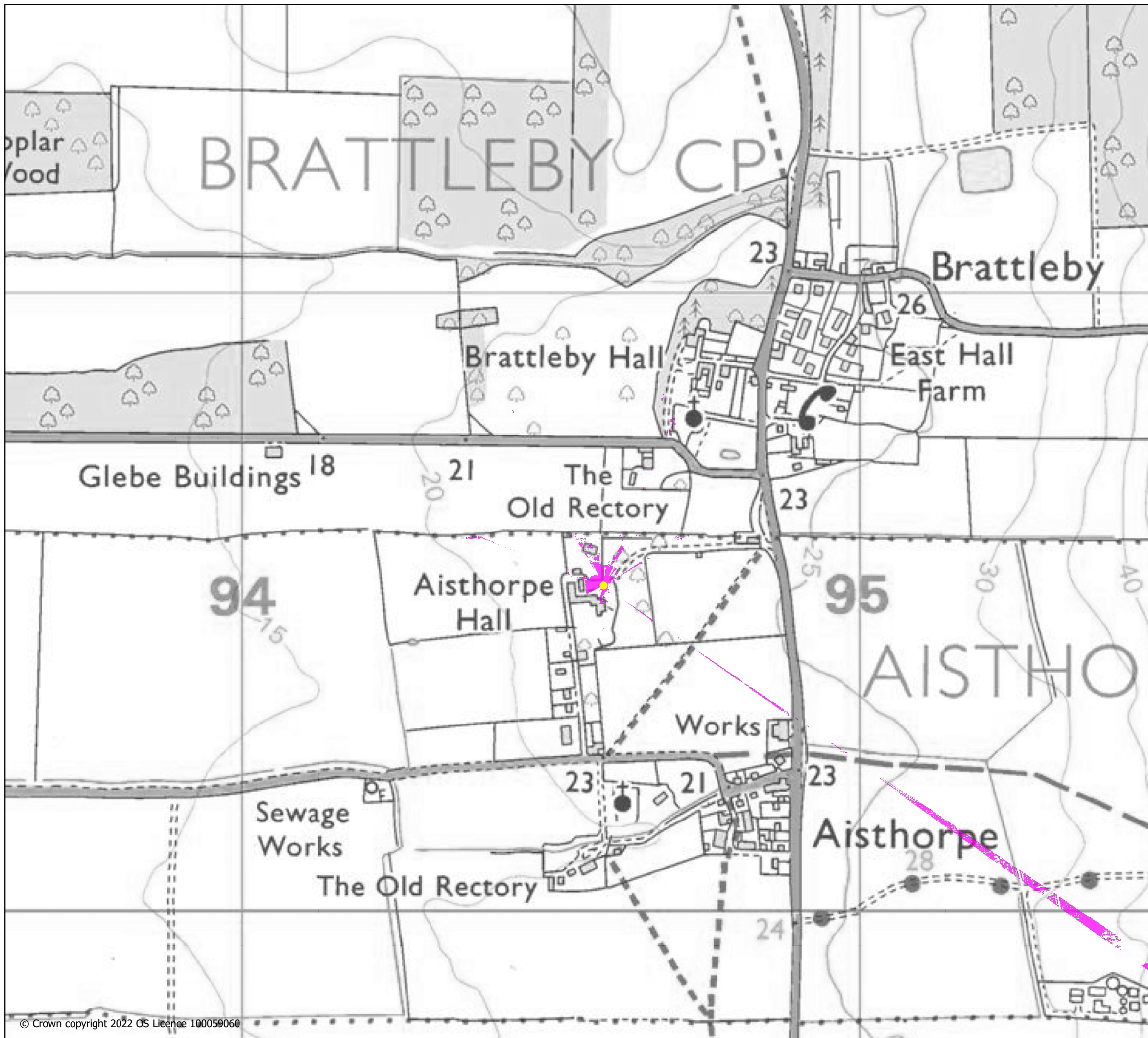
ZTV produced using the QGIS Visibility Analysis plugin from a single observer point with an eye level height of 1.85m, located from the key view on the approach to Aisthorpe Hall, perpendicular to stable block frontage

Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.

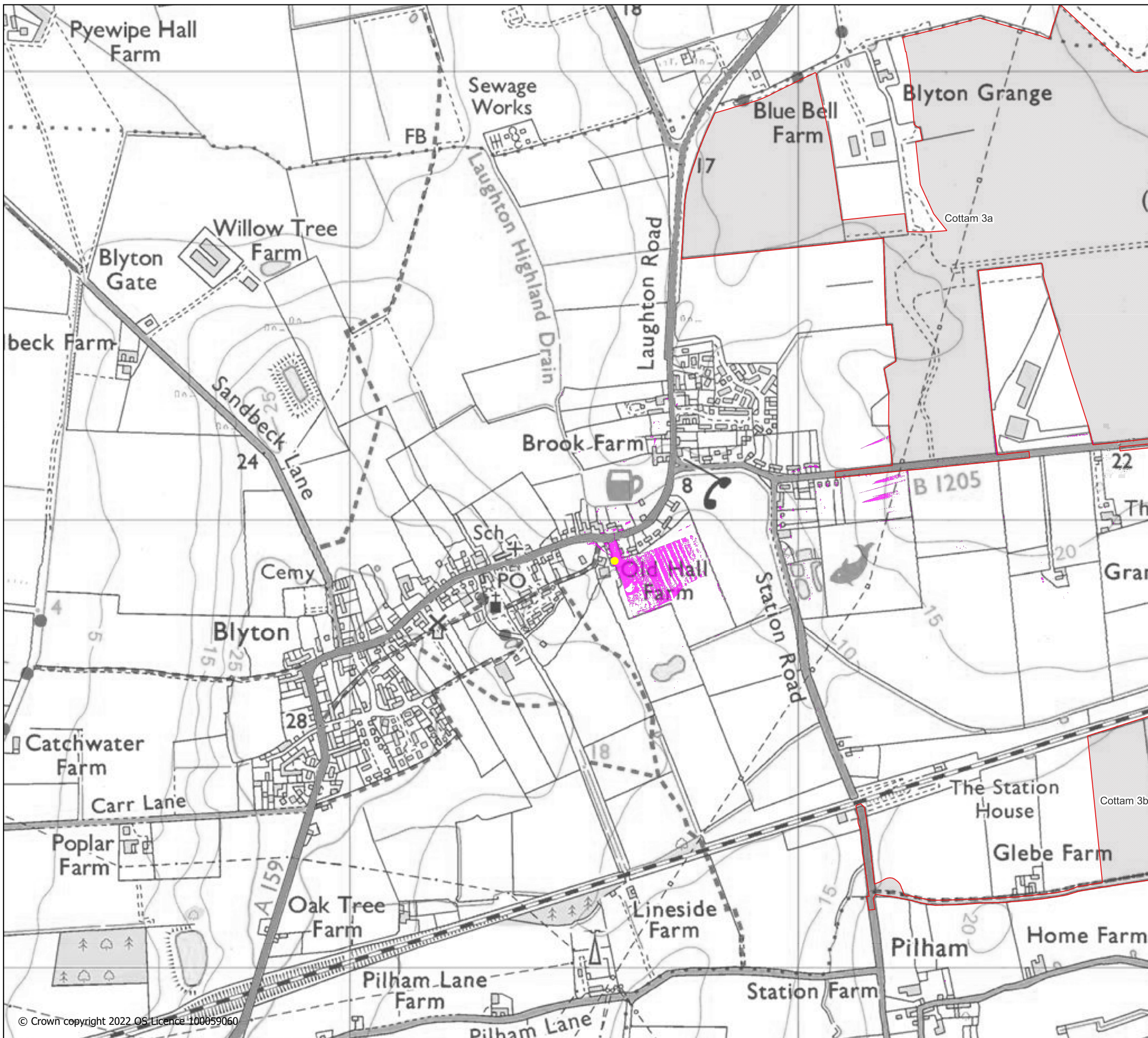


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Figure App.13.5-23:  
ZTV from stables at Aisthorpe Hall  
(NHLE 1064093)



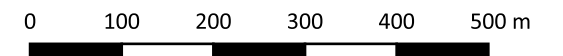




- DCO application boundary
- ZTV observer point
- Viewshed from observer point immediately to the east of Matt Hall, Blyton

ZTV produced using the QGIS Visibility Analysis plugin from a single observer point with an eye level height of 1.85m, located immediately to the east of Matt Hall Grade II Listed Building.

Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.



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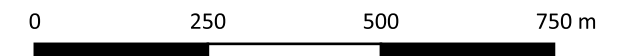
Figure App.13.5-24:  
ZTV from Matt Hall (NHLE 1064093)



- DCO application boundary
- ZTV observer points
- Viewshed from observer points adjacent to The Old Railway Station, Blyton

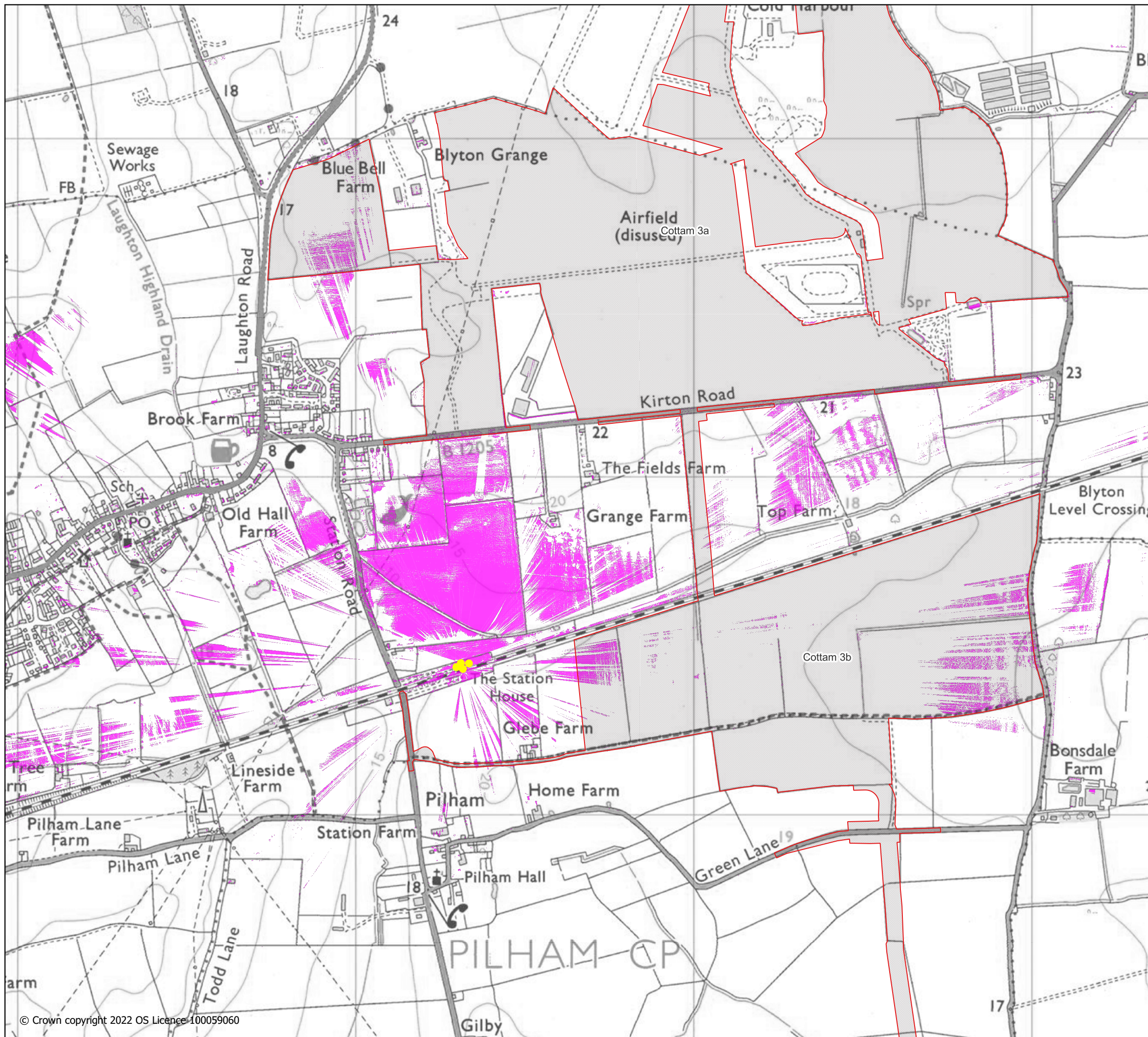
ZTV produced using the QGIS Visibility Analysis plugin from four observer points located on each side of the Old Railway Station building, with an eye level height of 1.85m.

Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.

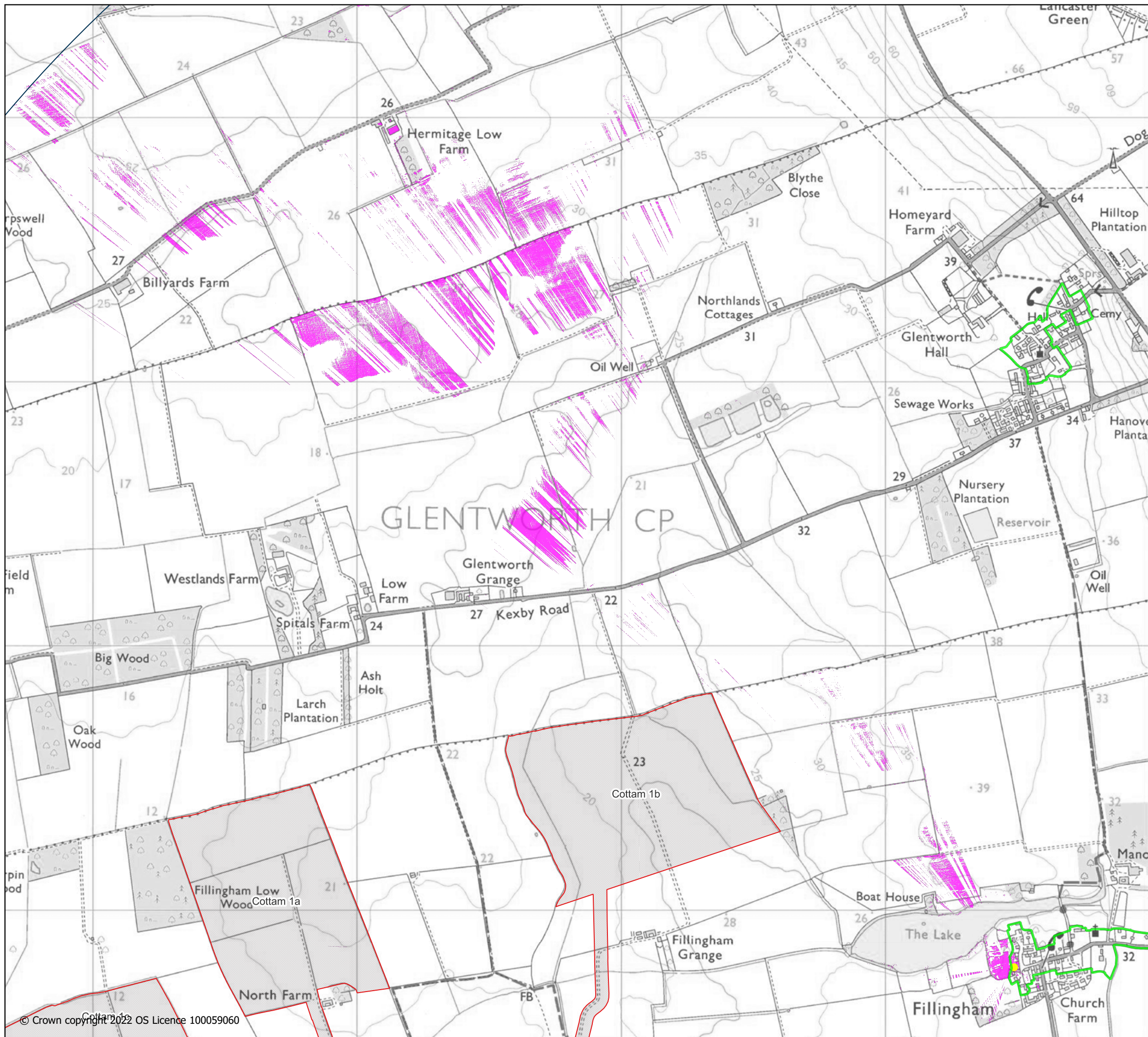


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Figure App.13.5-25:  
ZTV from Old Railway Station, Blyton (NHLE 359454)



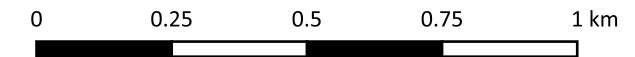




- DCO application boundary
- Conservation Area
- ZTV observer point on terrace immediately adjacent to Fillingham Castle (NHLE 1166045)
- 5km extent of ZTV
- Viewshed from observer point on rear lawn of 5, Chapel Lane, Fillingham

ZTV produced using the QGIS Visibility Analysis plugin from a single observer point located in the centre of the lawn to the west of 5, Chapel Lane, Fillingham with an eye level height of 1.85m.

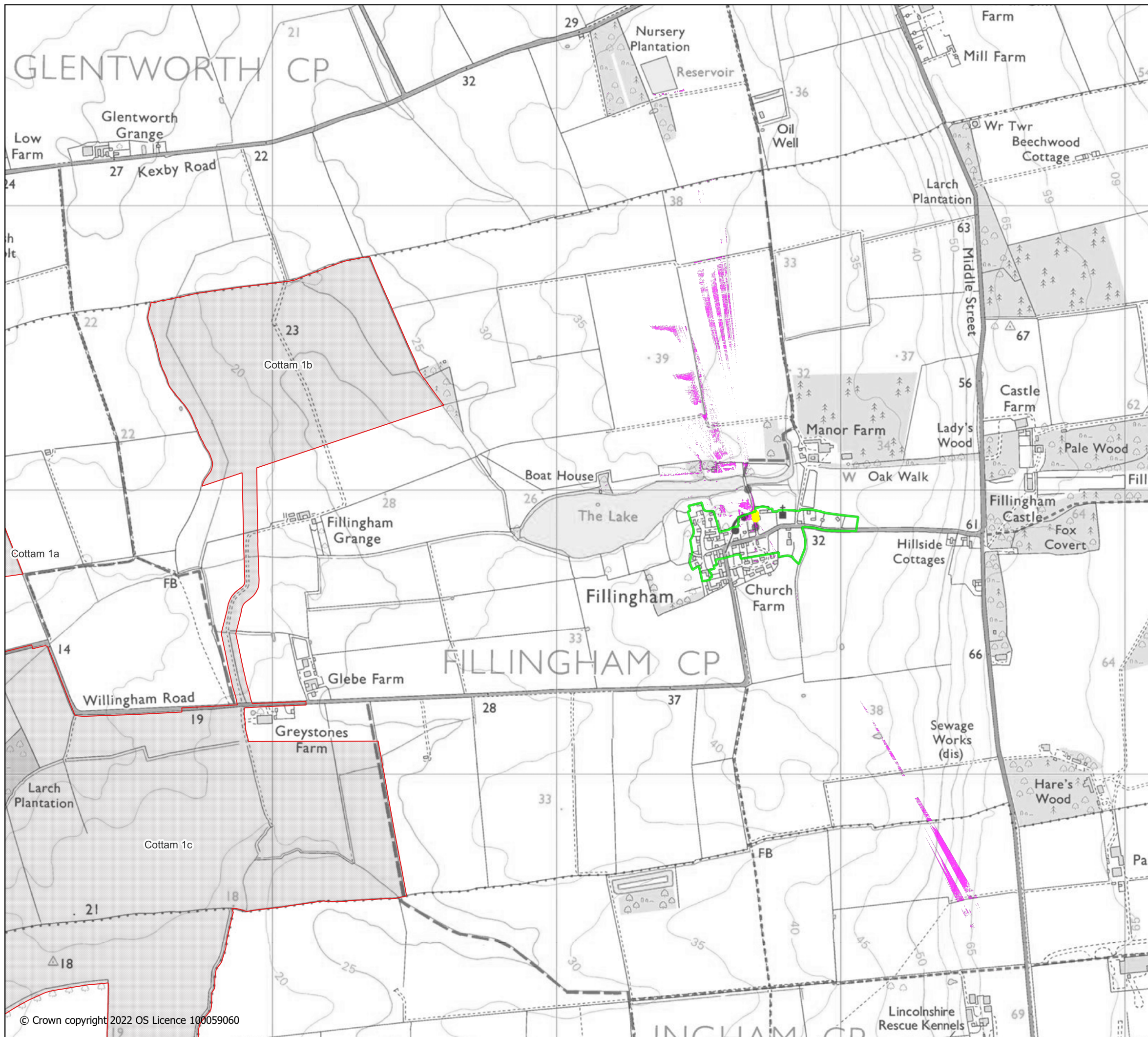
Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.








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Figure App.13.5-26:  
ZTV from Fillingham Conservation Area at 5, Chapel Lane (NHLE 1063343)

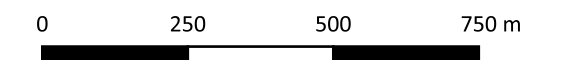




-  DCO application boundary
-  Conservation Area
-  ZTV observer points
-  5km extent of ZTV
-  Cumulative viewshed from three observer points on driveway west of Lake House

ZTV produced using the QGIS Visibility Analysis plugin from three observer points located along the driveway immediately to the west of Lake House, Fillingham with an eye level height of 1.85m.

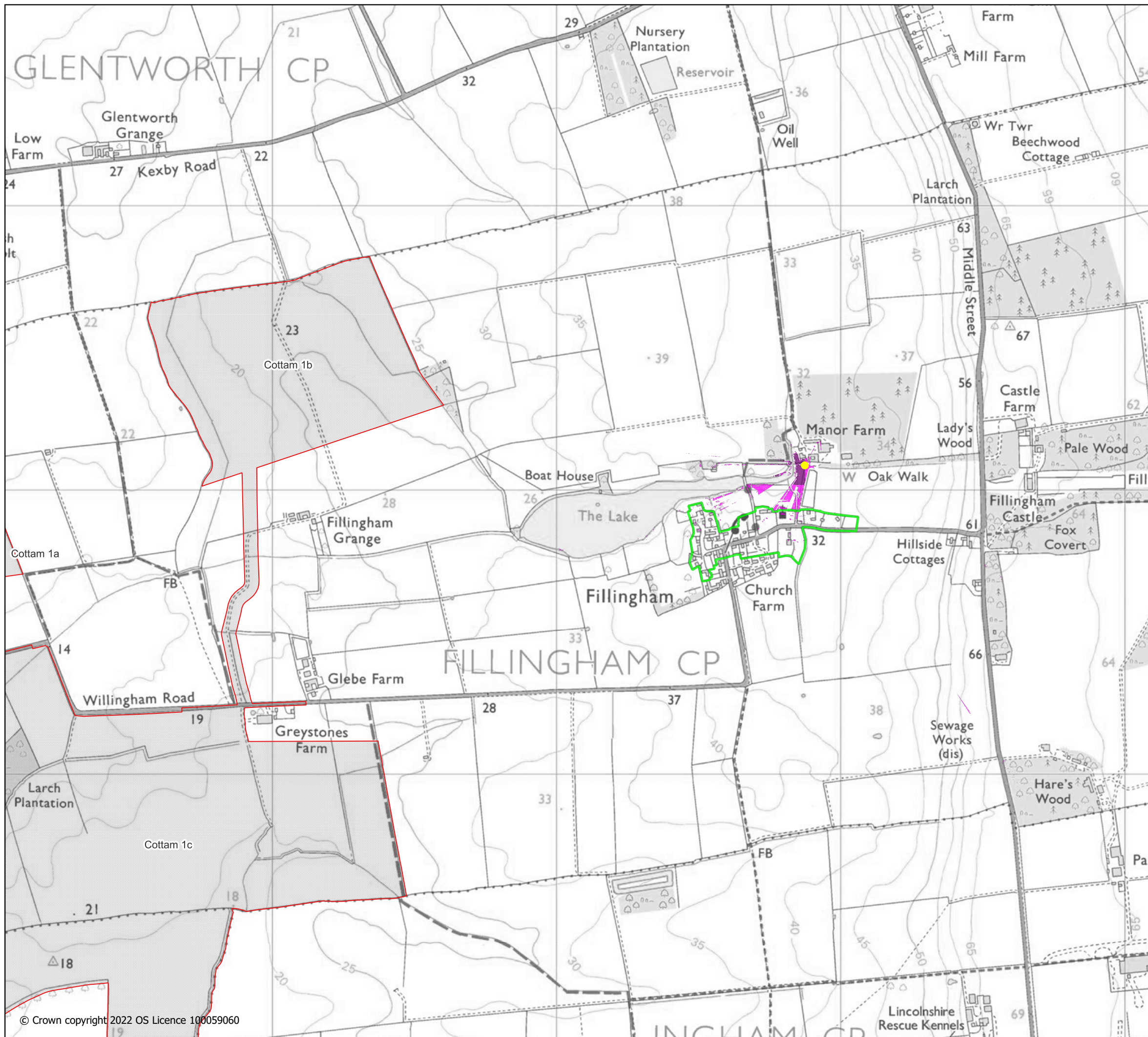
Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.



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Figure App.13.5-27:  
ZTV from Fillingham Conservation Area at Lake House (NHLE 1063345)

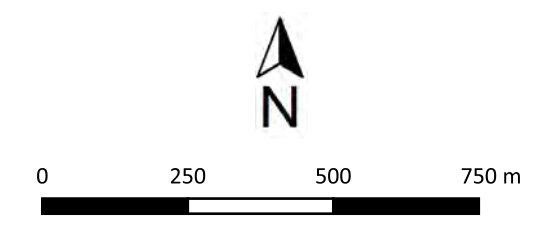




- DCO application boundary
- Conservation Area
- ZTV observer point
- Viewshed from observer point in car park south of Manor House, Fillingham

ZTV produced using the QGIS Visibility Analysis plugin from a single observer point located in the car park immediately to the south of Manor House, Fillingham, with an eye level height of 1.85m.

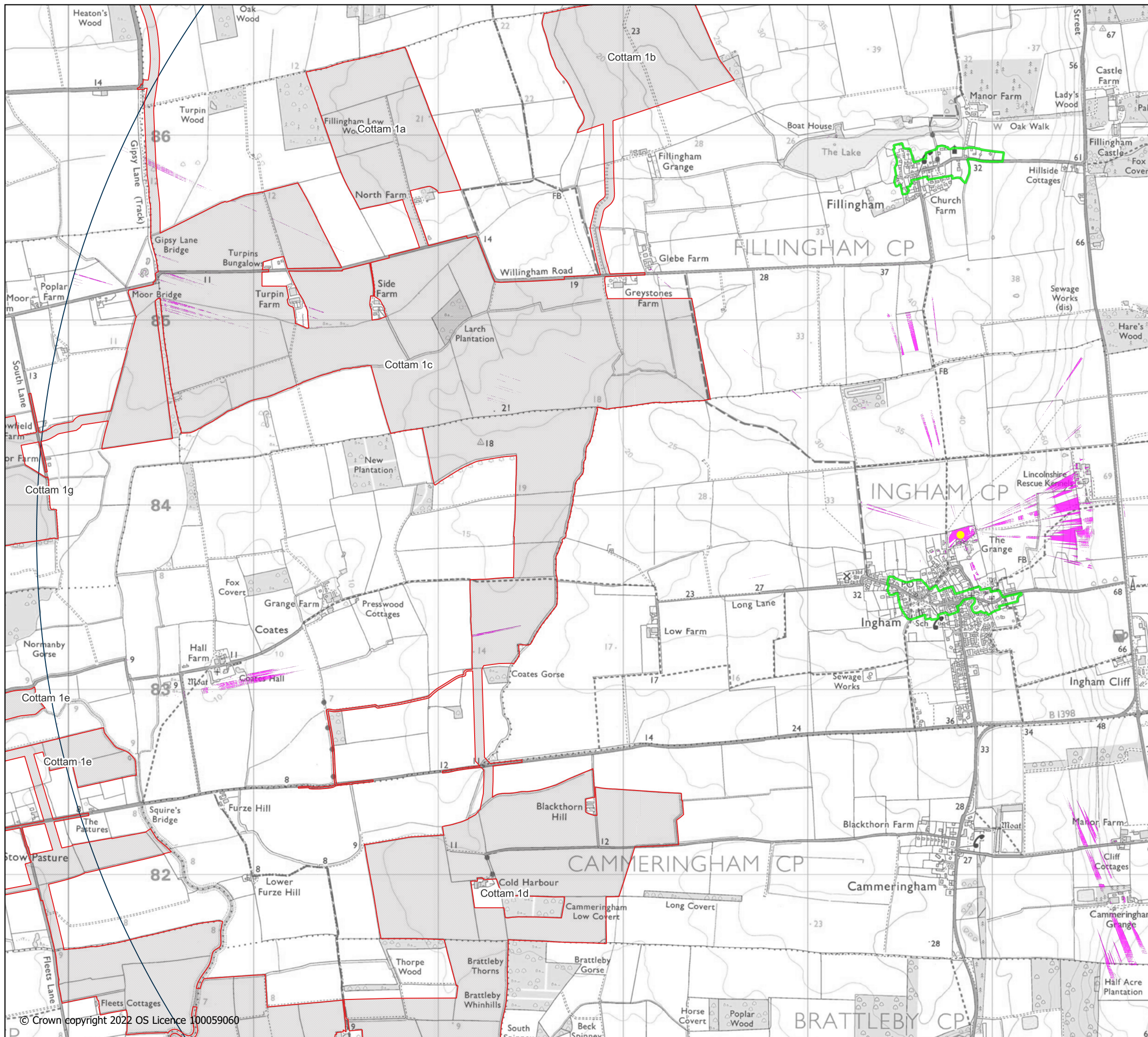
Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.








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Figure App.13.5-28:  
ZTV from Manor House, Fillingham (NHLE 1309085)

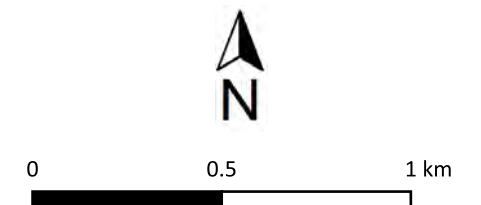




-  DCO application boundary
-  Conservation Area
-  ZTV observer point
-  5km extent of ZTV
-  Viewshed from observer point in paddock to north of Grange Farmhouse, Ingham

ZTV produced using the QGIS Visibility Analysis plugin from a single observer point located in the centre of the paddock to the north of Grange Farmhouse, Ingham, with an eye level height of 1.85m.

Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.



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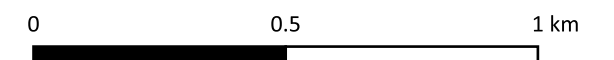
Figure App.13.5-29:  
ZTV from Grange Farmhouse, Ingham  
(NHLE 1063355)



- DCO application boundary
- ZTV observer point
- Viewshed from observer point at end of driveway leading to Laughton Hall Farmhouse, Laughton

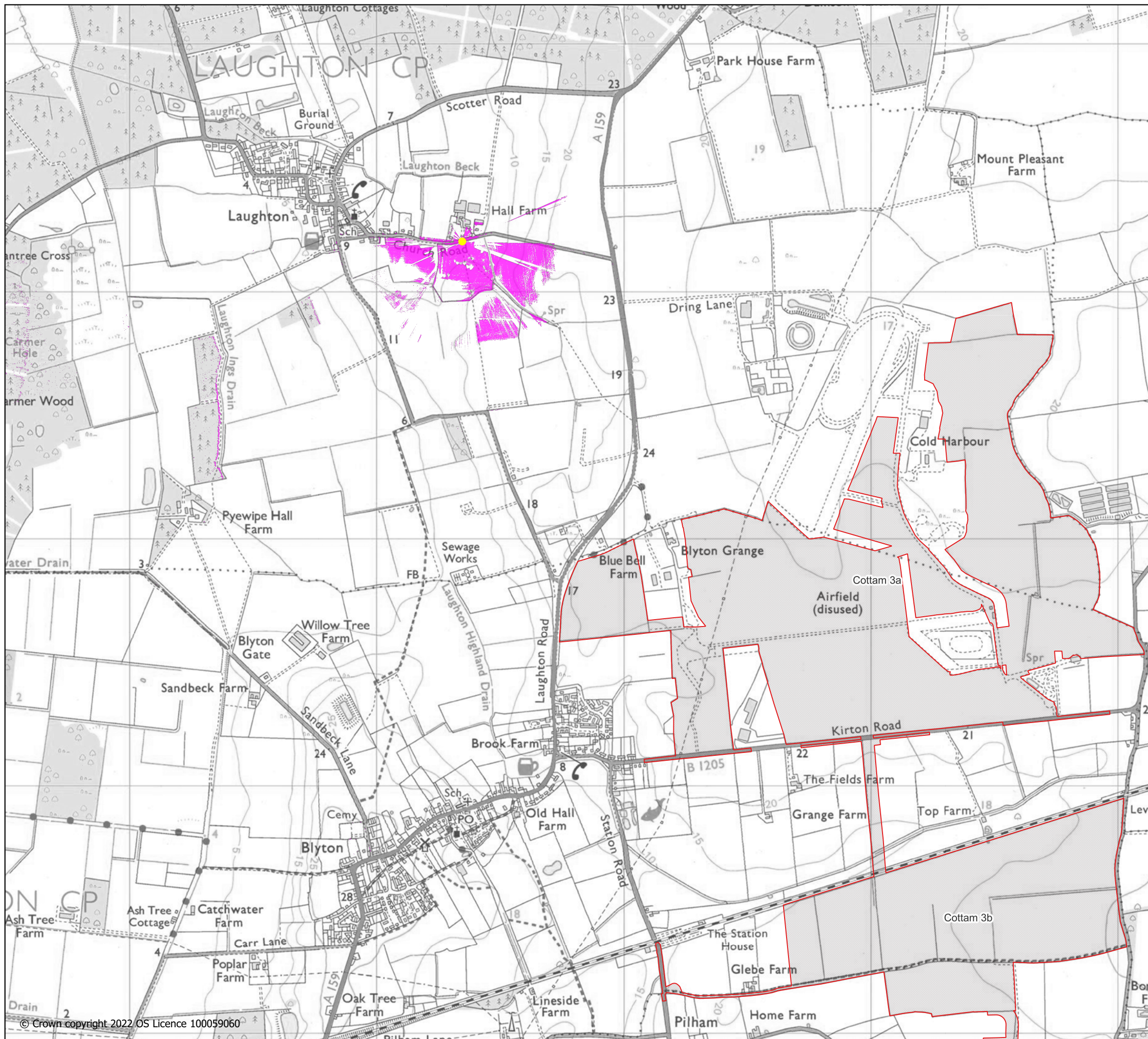
ZTV produced using the QGIS Visibility Analysis plugin from a single observer point located at the driveway entrance to Laughton Hall Farmhouse, Laughton, with an eye level height of 1.85m.

Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.

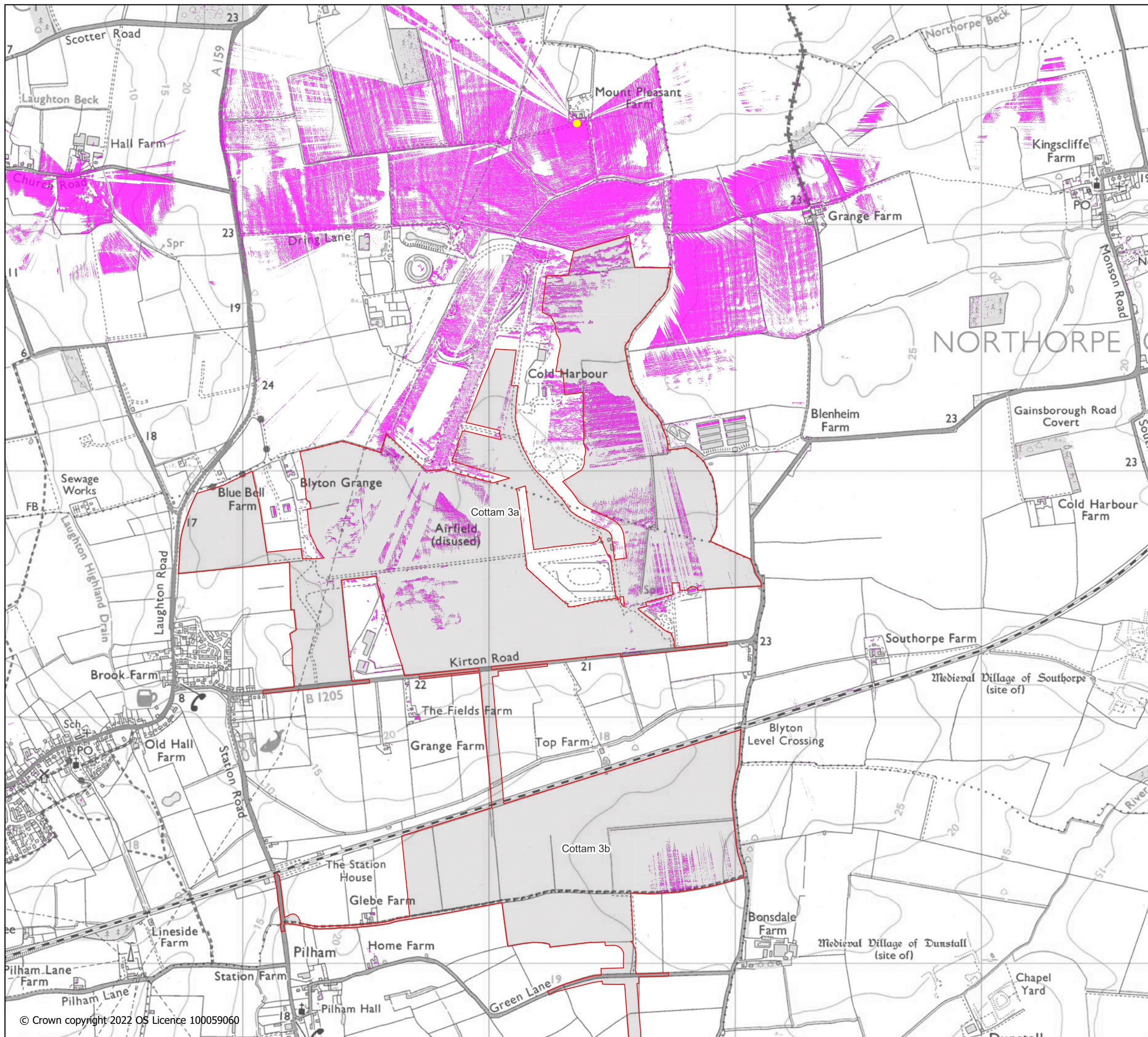


Date: 21/10/2022    Version: 2.0    Ref: 2892/ES App.13.5-30

Figure App.13.5-30:  
ZTV from Laughton Hall Farmhouse, Laughton  
(NHLE 1359420)



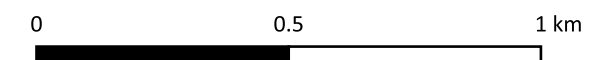




- DCO application boundary
- ZTV observer point
- Viewshed from observer point at south frontage of Mount Pleasant Farmhouse, Laughton

ZTV produced using the QGIS Visibility Analysis plugin from a single observer point located at the main south frontage of Mount Pleasant Farmhouse, Laughton, with an eye level height of 1.85m.

Digital Elevation Model derived from the Environment Agency's 1m resolution LiDAR Digital Surface Model (DSM), i.e. with buildings and vegetation included.



Date: 21/10/2022    Version: 2.0    Ref: 2892/ES App.13.5-31

Figure App.13.5-31:  
ZTV from Laughton Hall Farmhouse, Laughton  
(NHLE 1359420)