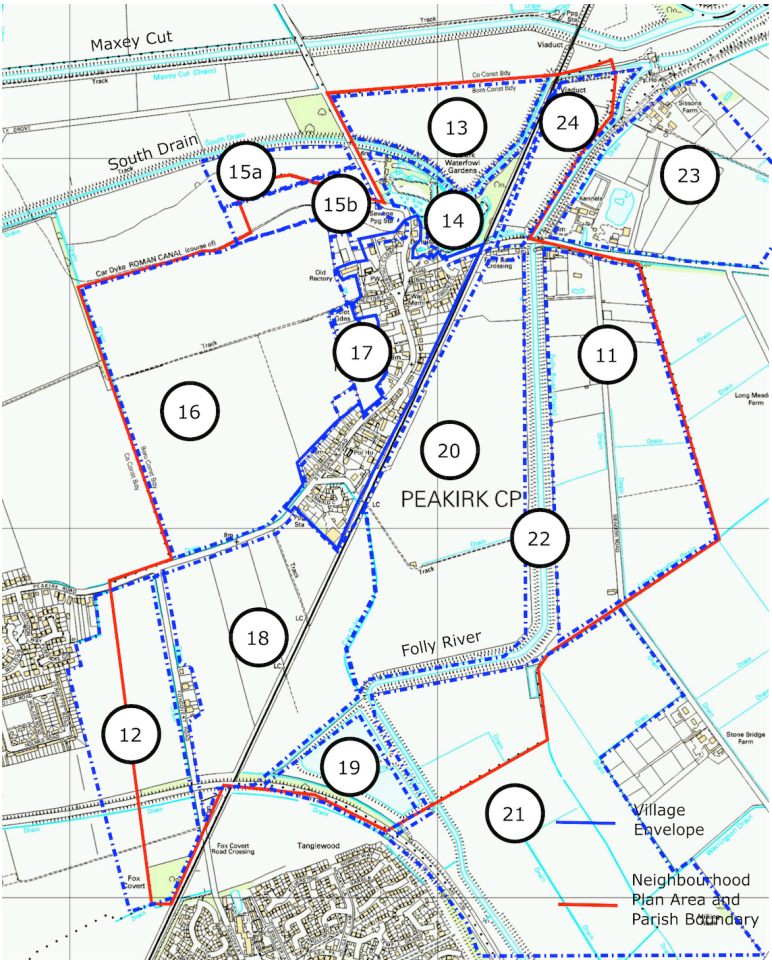


13 Deeping Road East including South Drain



| Information reviewed | Classification               | Comments   |
|----------------------|------------------------------|--|
| History:             | NCA 75 The Kesteven Uplands. | <p>There is a long history of human occupation from the medieval period</p> <p>The majority of settlements along the fen edge were in existence, in some form, by the time of the Domesday survey of 1086.</p> <p>Surviving ridge and furrow earthworks suggest that from the medieval period villages were set within a pattern of open arable fields, farmed in strips by the tenants and rotated annually on a three-field system. The arable land was complemented by areas of grazing land at the edge of each parish, used as common land.</p> <p>On the fen edge it is thought that cattle and sheep were grazed on the fens in summer, when the land was</p> |

|  |  |   |
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|  |  | drier, and then over-wintered either on the higher heath, or in small closes adjacent to the villages. East–west routes also indicate that these settlements developed to serve this movement of livestock.   |
|  | Landscape Character Assessment for Peterborough City Council Final Report May 2007                                 | <b>Landscape Character Area 3, The Welland Valley. b Maxey Cut and North Fen</b><br>Impact of historic pattern - Apparent   |
|  | Peterborough Landscape Character Assessment - Urban Fringe Landscape Sensitivity Study April 2007.                 | <b>Landscape Descriptive Unit 24 Land Cover Parcel 29</b><br>Historic interest to north of Peakirk adjacent to Hermitage and Decoy Centre<br>Apparent historic pattern and/or local heritage protection designations.   |
|  | The Potential Urban Expansion to Peterborough – Landscape Sensitivity and Capacity for alternative sites June 2006 | N/A   |
|  | Peakirk Conservation Area Appraisal Report and Management Plan 2010  | There is considerable archaeological evidence to confirm that the area around the present village of Peakirk has been continuously inhabited for some 4000 years. Like the parishes of Helpston, Northborough, Maxey, Etton and Glinton, Peakirk is located on the Fen edge   |
|  | Rockingham Forest Trust Historic Environment Report: 2002-2009 - Zone 6 The Soke of Peterborough Tracey Partida    | In medieval times owners and tenants from each township farmed the large, arable open fields in common, each one being divided into 'furlongs'. Peakirk also probably had areas of pasture, wood and meadow, possibly on the floodplain of the River Welland and also contained a small block of fen, identified as North Fen.<br>A main concern in low lying Peakirk was the maintenance of the drains and watercourses and the Enclosure Awards required the appointment of commissioners 'to ensure that existing drains and associated features such as tunnels, watergates, sluices, banks and bridges were to be scoured, repaired and widened, and where necessary to set out new ones.' This responsibility was to be a communal one and a surveyor was to be appointed 'with or without' salary to oversee this. |
|  | Peakirk Neighbourhood Plan LCA Survey 2015   | HER number: 50105 – Medieval Ridge and Furrow<br>No visible signs of past habitation  |

#### Conclusion:

This area is likely to be rich in archeological items, but there is no evidence of this on the ground.



Aerial View of the grass field from the Deeping Road

|                            |  |   |                      |
|----------------------------|--|---|----------------------|
| <b>Landscape Character</b> | NCA 75 The Kesteven Uplands.   | In the east the lowest elevation is only 3 m above sea level. There are exposed distant views. In this transition zone the landscape has fewer woodlands and more subtle topography. The area is characterized by hedgerows with trees, meadows and wide road verges.   |                      |
|                            | Landscape Character Assessment for Peterborough City Council Final Report May 2007                                 | <b>Landscape Character Area 3, The Welland Valley. b Maxey Cut and North Fen</b><br>Low lying, moderate quality hedges/hedgerow trees and/or moderate to small woodlands. Vegetation generally in linear belts, particularly along rivers, railways and drainage cuts/ditches.  |                      |
|                            | Peterborough Landscape Character Assessment - Urban Fringe Landscape Sensitivity Study April 2007.                 | <b>Landscape Descriptive Unit 24 Land Cover Parcel 29</b><br>Some smaller units including grazing to north and east. More intimate and enclosed to north of village, including pasture and taller mature hedges, willow and mature poplars. Low lying, moderate quality hedges/hedgerow trees and/or moderate to small woodlands. Generally well contained from public views, partially contained from private views. |                      |
|                            | The Potential Urban Expansion to Peterborough – Landscape Sensitivity and Capacity for alternative sites June 2006 | N/A   |                      |
|                            | Peakirk Conservation Area Appraisal Report and Management Plan 2010  | N/A   |                      |
|                            | Rockingham Forest Trust Historic Environment Report: 2002-2009 -Zone 6 The Soke of Peterborough Tracey Partida     | The landscape changed as paths or baulks between open fields were re-routed and the open landscape was replaced by hedges and hedgerow trees surrounding small fields.  |                      |
|                            | Peakirk Neighbourhood Plan LCA Survey 2015   | Geology   | Upper Jurassic clays |

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|--|--|--------------------------|---|
|  |  | Soils                    | Soilscape 20 Loamy and clayey floodplain soil with naturally high groundwater<br>Texture- loamy Fertility – moderate  |
|  |  | Landform and Topography  | Flat, Contour around 5m Above Ordnance Datum [sea level]. Typical slope of 1:100  |
|  |  | Hydrology                | Flood Warning Area. Flood Zone 3. Nitrate Vulnerable Zone. Semi major waterway South Drain<br>South Drain at risk from agricultural phosphates.<br>Current ecological quality moderate.<br>Field naturally wet, high water table.   |
|  |  | Enclosure                | Enclosed on all sides with some breaks in the boundary. 2 gates in the western boundary.<br><b>North</b><br>Fence and hedge, mature hawthorn, blackthorn and elder.<br><b>South</b><br>Embanked edge of South Drain [2m+] Post and wire fence with mature hedge. Some gaps.<br><b>East</b><br>Railway embankment [4m+] and South Drain<br><b>West</b><br>Fence and hedge, mature hawthorn, blackthorn and elder |
|  |  | Biodiversity             | Otters, Water Voles, Red Kite and Barn Owls recorded, especially along railway line<br>Mature hedges with hedgerow trees to all four sides. Vegetation also follows the line of the South Drain. Ash, Willow, Elder Hawthorn.   |
|  |  | Variety of the Landscape | Varied - There are 2 different characteristics here, grass field and Environment Agency drain   |
|  |  | Tranquility              | Peaceful with some interruptions.<br>Mid way between tranquil and noisy   |
|  |  | Views                    | Contained by strong boundaries but feels quite open. Low lying with strong boundaries means that there are few views out.   |

### Conclusion.

This area is a low lying, reasonably small, enclosed area of permanent pasture, with mature hedges and trees following the boundaries and the occasional long view out. It can be subject to waterlogging in the winter. The main feature is the embanked Environment Agency South Drain.





Aerial View looking north west towards Deeping Road.

|                  |  |   |
|------------------|--|---|
| <b>Land Use:</b> | NCA 75 The Kesteven Uplands.   | The mixed farmland combines arable with pasture; hedgerows, meadows and wide road verges.   |
|                  | Landscape Character Assessment for Peterborough City Council Final Report May 2007                                 | <b>Landscape Character Area 3, The Welland Valley. b Maxey Cut and North Fen</b><br>The mixed farmland of calcareous loamy soils combines arable use with pasture; hedgerows, meadows and wide road verges.   |
|                  | Peterborough Landscape Character Assessment - Urban Fringe Landscape Sensitivity Study April 2007.                 | <b>Landscape Descriptive Unit 24 Land Cover Parcel 29</b><br>Some smaller units including grazing to north and east.<br>Isolated tree groups to arable land west of drain.<br>Folly river main feature embanked.<br>More intimate and enclosed to north of village, including pasture and taller mature hedges, willow and mature poplars |
|                  | The Potential Urban Expansion to Peterborough – Landscape Sensitivity and Capacity for alternative sites June 2006 | N/A   |
|                  | Peakirk Conservation Area Appraisal Report and Management Plan 2010  | N/A   |

|  |  |                                   |   |
|--|--|-----------------------------------|---|
|  | Peakirk Neighbourhood Plan LCA survey 2015 | Agricultural Land Classification- | Grade3 Good to Moderate   |
|  |  | Public Rights of Way              | None. South Drain used on a casual basis.   |
|  |  | Infrastructure                    | Minor rural road to western boundary, unclassified but busy.<br>Spalding to Peterborough railway line at eastern boundary, recently up graded to take more freight traffic. |
|  |  | Current use                       | Permanent grassland. Risk of poaching and soil damage early and late in the grazing season. Some water logging. South Drain.  |
|  |  | Drainage                          | The South Drain is an important Environment Agency waterway used for controlling the local water table and is regularly maintained.   |
|  |  | Buildings and Visual features     | Can just see the Pumping Station at Sissons.  |

**Conclusion.** This is an area of permanent pasture with well defined hedgerows and mature trees. The South Drain is an Environment Agency drainage channel used to help control the level of the water in this part of the Welland Valley.



Looking north from the bank of the South Drain towards the Maxey Cut

|                     |  |   |
|---------------------|--|---|
| <b>Constraints:</b> | NCA 75 The Kesteven Uplands.   | The South Lincolnshire Limestone Aquifer is located under this part of the NCA. It is regionally important and large demands are placed upon it with 80 per cent of the abstraction for public water supply as well as agricultural and industrial needs. .   |
|                     | Landscape Character Assessment for Peterborough City Council Final Report May 2007                                 | <b>Landscape Character Area 3, The Welland Valley. b Maxey Cut and North Fen</b><br>Ensure that any development considered appropriate in the open countryside is carefully assimilated into the open landscape character. Building forms, materials and landscape proposals are to be sympathetic to the existing character.<br>Potential future mineral extraction to be carefully evaluated against historic value of landscape. If future extraction is, on balance, acceptable, restoration measures to provide additional accessible green space and wet woodland . |
|                     | Peterborough Landscape Character Assessment - Urban Fringe Landscape Sensitivity Study April 2007.                 | <b>Landscape Descriptive Unit 24 Land Cover Parcel 29</b><br>Development will be isolated from and not form any relationship with the existing urban fabric, development would adversely affect the setting of an existing village  |
|                     | The Potential Urban Expansion to Peterborough – Landscape Sensitivity and Capacity for alternative sites June 2006 | N/A   |
|                     | Peakirk Conservation Area Appraisal Report and Management Plan 2010  | N/A   |
|                     | Peakirk Neighbourhood Plan LCA Survey 2015   | It is a typical lowland grazing landscape and would be compromised by most development proposals involving infrastructure or housing, however it might sustain some recreational use with appropriate mitigation.<br>It has no visual or practical connection with any settlement and is defined on all sides by strong boundaries. The South Drain should remain as it is.   |

**Conclusion.** Natural constraints give few realistic development opportunities.





Looking East along the south drain from the Deeping Road

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| <b>Opportunities:</b> | NCA 75 The Kesteven Uplands.   | <p>Manage and enhance the agricultural landscape and soils of the Kesteven Uplands, continuing the long tradition of mixed farming which has shaped the area, securing viable and sustainable food production, while seeking to enhance biodiversity and improve water quality and availability.</p> <p>Protect and significantly increase the extent, quality and connectivity of the unimproved and limestone grasslands throughout the NCA, to enhance biodiversity, ecological networks, water availability and quality, climate regulation and sense of place</p> <p>Conserve and manage the open character of the Kesteven Uplands protecting long distance views. Manage grassy verges to encourage greater species richness and to maintain them as a feature as former drovers' routes.</p> <p>Manage and expand broadleaf woodlands where possible, conserving the predominant tree species that include ash and oak and considering successional tree planting to conserve the tree canopy in existing woodland.</p> <p>Manage existing wet woodland, and extend and buffer where possible.</p> |
|                       | Landscape Character Assessment for Peterborough City Council Final Report May 2007 | <p><b>Landscape Character Area 3, The Welland Valley. b Maxey Cut and North Fen</b></p> <p>Promote improvements in and around villages to the perimeter and wider setting to improve visual quality and to maintain separation from adjacent settlements and northern edge of Peterborough.</p>  |
|                       | Peterborough Landscape Character Assessment - Urban Fringe                         | <p><b>Landscape Descriptive Unit 24 Land Cover Parcel 29</b></p> <p>Peakirk Wildfowl Trust Centre [semi-derelict] potential site to re-furbish as 'Decoy Centre'</p>   |

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|--|--|--|
|  | Landscape Sensitivity Study April 2007.  | – links to Drainage, Wildfowl and Maxey Cut.   |
|  | The Potential Urban Expansion to Peterborough – Landscape Sensitivity and Capacity for alternative sites June 2006 | N/A  |
|  | Peakirk Conservation Area Appraisal Report and Management Plan 2010  | N/A  |
|  | Peakirk Neighbourhood Plan LCA Survey 2015   | Some extra protection could be given to mature trees and hedges.<br>Possible scope for improving limited recreational access with appropriate screening. |

**Conclusion.** There are no real opportunities for development on this site, but designation as a County Wildlife Site may be appropriate and extra protection for the existing trees and hedges could be useful. Possible scope for limited casual recreational use.