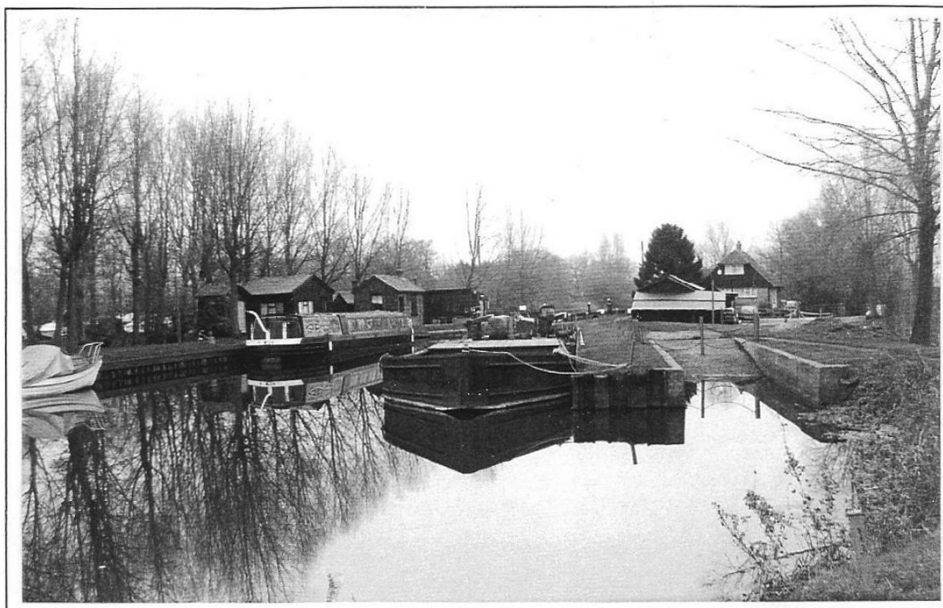


# **THE CHELMER AND BLACKWATER NAVIGATION and CONSERVATION AREA**

**COMPARATIVE SURVEY OF MODERN / INDUSTRIAL  
SITES AND MONUMENTS**

**No. 11**



**2001**



**Essex County Council**  
Planning





## **2.2 Layout of the report**

The report is divided into four main parts. The first part (Sections 3-6 below) provides information on the topography of the area, a brief history of the navigation and makes recommendations for the main monument types within the Conservation Area. The remainder of the report is made up of: a gazetteer (Section 7), which has a short entry for all the sites identified during the survey; and an inventory (Section 8), which provides a more in-depth assessment of the most important sites and includes recommendations relating to their management and statutory status. The fourth element of the report, the site location maps, is contained in Volume Two.

The survey archive, including gazetteer photographs not included in this report, can be consulted at the Essex Heritage Conservation Record, County Hall, Chelmsford (Tel: 01245 437613).

## **2.3 Acknowledgements**

The authors are indebted to colleagues within the council and local authority departments, to the officers and employees of the Chelmer & Blackwater Navigation and to owners and occupiers willing to share their knowledge of, and enthusiasm for, the navigation.

## **3.0 TOPOGRAPHY**

The Chelmer and Can rivers unite at Moulsham Mill, Chelmsford, draining higher glacial boulder clay land to the west. East of Chelmsford, the Chelmer dissects an increasingly thin layer into glacial and terrace sands and gravels until it reaches Maldon with a short exposure of London clay. From the Chelmsford/Springfield basin at c.23m OD through the meadows before Barnes Mill where it crosses the 20m contour, its easterly course is prevented by the rising land around Little Baddow and Danbury which reaches 91m and is diverted northwards after Sandford Lock. Ponds resulting from quarrying have now formed between the river and the new A12 bypass. The Chelmer turns again eastwards after Cuton Lock and is joined by the Sandon Brook from the south after Boreham Black roadbridge. Its flow is reinforced below Rushes weir (TL795090) by the River Ter, which rises to the north beyond Fairstead. The southerly course round the Ulting salient is halted at Hoe Lock where the river resumes an easterly direction to Beeleigh.

Here a long cut of c.350m has been created to join the Chelmer to the River Blackwater, whose natural courses are a few hundred metres apart. Since the end of the 18th century the course of the Blackwater has been considerably changed. Formerly it ran from Langford eastwards, south of what is now Langford Meads, to Heybridge then joined the Chelmer close to its issue into the estuary. Mr Westcombe's Cut, begun c.1797 diverted part of the flow below Langford mill into the Langford Cut which he had intended to link to the Chelmer. The flow of the Blackwater was insufficient to maintain its former course and it united into the navigation cut as a water feeder (40143) west of Chapman's bridge. This in turn has reduced and the main flow of the Blackwater is now to the west of Langford, via what was previously known as the Langford Stream, to join the navigation at Beeleigh Weir.

## **1.0 SUMMARY**

This report presents the results of a survey of the historic monuments within the 22.5km long Chelmer and Blackwater Navigation Conservation Area. The fieldwork was carried out by James Kemble and Shane Gould between October 1998 and February 1999, with further work undertaken by Nigel Pratt in autumn 2001. The survey's purpose was to assess what survives, grade its importance, and critically review the existing statutory designations enabling a coherent management policy to be formulated and an appropriate response made should any site become threatened. This two volume report should be used in conjunction with 'Chelmer & Blackwater Conservation Area Landscape Character Assessment' (Essex County Council 1999).

## **2.0 INTRODUCTION**

### **2.1 Background**

The Conservation Area between Chelmsford and Heybridge, along the Chelmer and Blackwater rivers, was designated in 1991 and varies between a few metres to over one kilometre in width. The navigation itself is owned by the Chelmer and Blackwater Navigation Company and the surrounding land and buildings are in both private and public ownership and encompasses marshland, meadow, arable and urban environments.

The Chelmer and Blackwater Navigation Conservation Area is located within the local authority districts of Chelmsford and Maldon and imposes certain duties on these authorities:

- to formulate and publish proposals for the preservation and enhancement of the designated areas, and to submit these for public consultation and
- in exercising their planning powers, to pay special attention to the desirability of preserving or enhancing the character or appearance of the Area.

There are therefore resource implications both for the authorities and for the owners and occupiers.

Considerable opportunities for the enhancement of recreation and the encouragement of wildlife and natural habitats exist within the Conservation Area and these are dealt with in the 'Chelmer & Blackwater Conservation Area Landscape Character Assessment' (Essex County Council 1999) which appraises the landscape through which the navigation runs.

This survey is concerned with the buildings, structures and archaeological remains within the Conservation Area. It details those sites directly connected with the navigation such as the locks, bridges, and boundary posts, as well as those relating to it, such as mills, farms and Second World War defences and gives recommendations for the future management, conservation and enhancement of these sites.

**CONTENTS**

	<b>Page</b>
<b>1 SUMMARY</b>	<b>1</b>
<b>2 INTRODUCTION</b>	<b>1</b>
2.1 Background	1
2.2 Layout of the report	2
2.3 Acknowledgements	2
<b>3 TOPOGRAPHY</b>	<b>2</b>
<b>4 HISTORY</b>	<b>3</b>
4.1 Early plans	3
4.2 Construction of the Navigation	3
4.3 Use of the Navigation	4
4.4 Decline and diversification	5
<b>5 RECOMMENDATIONS FOR MONUMENT CLASSES</b>	<b>5</b>
5.1 Bridges and locks	5
5.2 Meanders, water feeders and earthworks	6
5.3 Mills	6
5.4 Navigation posts	7
5.5 Second World War pillboxes	7
5.6 Self-closing gates	7
5.7 Boathouses	7
5.8 Farms	7
<b>6 BIBLIOGRAPHY</b>	<b>9</b>
<b>7 GAZETTEER</b>	<b>11</b>
<b>8 INVENTORY</b>	
<b>MAPS (in Volume Two)</b>	

# **THE CHELMER AND BLACKWATER NAVIGATION and CONSERVATION AREA**

***An archaeological and historical survey and appraisal of  
the features and sites***

## **COMPARATIVE SURVEY OF MODERN / INDUSTRIAL SITES AND MONUMENTS**

**No. 11**

Survey and Report by

**JAMES KEMBLE and SHANE GOULD**

Report edited, and additional material added, by **NIGEL PRATT**

Heritage Information and Records

Heritage Conservation Branch

Planning Division

Essex County Council

County Hall

Chelmsford

Essex CM1 1QH

Tel: 01245 437530

Fax: 01245 269840

[www.essexcc.gov.uk/planningandenvironment/](http://www.essexcc.gov.uk/planningandenvironment/)  
[heritage.conservaion@essexcc.gov.uk](mailto:heritage.conservaion@essexcc.gov.uk)

*(Front Cover: Paper Mill Lock – November 1998)*



From Langford Lock the navigation flows through meadows under Chapman's Bridge and now takes an abrupt turn northeast after the Maldon-Woodham Ferrers railway (now the bypass) bridge. Before Heybridge Black Bridge, the Blackwater flow turns east through Heybridge Mill while the navigation enters another cut of 2.3km northeast then southeast past the Bental warehouse under Goldhanger bridge to the sea lock at Heybridge Basin.

Throughout its 22.5km length the navigation has bypassed meanders and mills by using artificial cuts. Many of the meanders are still recognisable as copses growing willows and attracting wildlife.

## **4.0 HISTORY**

### **4.1 Early Plans**

Prior to the construction of the navigation, goods took over two days to be carried by horse and wagon between the port of Maldon, over Danbury Hill, to Chelmsford, on a route that was subject to weather conditions and prone to mud. As early as 1677 a survey was carried out by Andrew Yarranton for improvement of the waterway, ostensibly to facilitate the transport of timber from the land around Chelmsford to the Maldon shipbuilders, but the plans did not come to fruition. By the 18th century the increasing growth of Chelmsford made the need for a more satisfactory route of access for heavy goods, especially coal, even more pressing. A further survey was published in 1733 by John Hore to make the Chelmer navigable from Maldon to Chelmsford for £9,355 or for a new canal at £12,870. Surveys carried out in 1762 and 1765 by John Smeaton and Thomas Yeoman for Sir William Mildmay provided for locks and deepening to four feet. There was, however, opposition to the scheme, particularly from the townspeople of Maldon, who feared a loss of port duties and a survey was commissioned by John Strutt MP for Maldon to counter the proposals. Despite the objections, an enabling Act was passed in 1766 to make the river navigable between Maldon and Chelmsford but this foundered through lack of finance.

### **4.2 Construction of the Navigation**

In 1793 Edward Lord Petre and Thomas Bramston of Roxwell, MP for Essex, gained support and finance for a navigation which bypassed Maldon, lessening the town's influence in opposing the scheme, reaching the Blackwater at Collier's Reach. Estimated costs of £40,000 (eventually to be £52,000) were raised by selling shares to Essex (and Leicestershire) landowners as speculators and to potential beneficiaries of improved business around Chelmsford. The newly formed Company of Proprietors of the Chelmer and Blackwater Navigation Ltd bought small areas of land along the riverside for the towpath and to create the cuts and weirs to bypass the existing meanders and mills. These pieces of land can still be recognised as field boundaries, some marked by posts. The largest purchases were at Heybridge, from the Dean and Chapter of St Paul's, and at Springfield for the wharves, from the miller Abraham Buller.

The surveys of John Wedge of Gazeley, Suffolk, and Matthew Hall in 1792/3 for Lord Petre provide detail of the rivers and mills prior to the new construction. John Rennie

FRS (1761-1821), who had designed several canals, was appointed Chief Engineer but the work was carried out by Richard Coates of Marske, Yorkshire, who had just completed the navigation from Ipswich to Stowmarket. Coates brought many of his navvies from Suffolk to work on the new Chelmer navigation, and eventually settled in Chelmsford founding the Springfield Church School and, in 1819, the gas works whose premises he sited next to the Springfield basin wharves for ease of access to coal supplies.

The locks and bridges along the navigation are to Rennie's design, used also in Suffolk. For the construction, local sources of red bricks were used at Hoe, Ulting and Boreham while the coping stones for the wharves, locks and bridges are from Dundee.

Construction work started in October 1793 and by 1796 the navigation was in use between Heybridge and Little Baddow (the coal wharf, 40051, was situated just east of the road bridge). The full length of the navigation, from Heybridge to Springfield Basin, was opened on 3rd June 1797.

#### **4.3 Use of the Navigation**

The navigation allowed a draught of 0.6m (2ft) so that the barges (which were not owned by the Company) were broad and flat-bottomed. The locks, however, were wide at 5.2m (17ft) and 21m (68ft) long, possibly to accommodate existing lighters in use in the estuary. Until c.1960 the barges were horse-drawn. A two-man crew would take a loaded barge from Heybridge to Springfield, and return half-way to Paper Mill for the overnight stay, then continue back to Heybridge the following morning. Later the journey was split with crews leaving from either end and exchanging barges at Paper Mill before returning to their point of origin, making overnight stay unnecessary. One Chelmsford and Blackwater lighter, "Susan", built in 1953 for Messrs Brown & Son to carry timber, survives and is maintained at Sandford Mill.

Between 1811 and 1843 the scheme prospered, particularly, and somewhat ironically, during the years of construction of the Chelmsford-Colchester railway when the navigation was used for the carriage of building materials. Through the 19th century to the First World War, coal continued to be the main cargo with malt, stone, chalk, lime, timber, grain and flour also carried.

The opening of the navigation led to a rapid expansion in settlement and industrial activity, especially at its east and west ends. Heybridge grew from two cottages, a pub and granary in 1799 to twelve cottages, stables, a foundry, shipwrights, two pubs and a chapel in the 1840s. William Bentall moved from Goldhanger to Heybridge in 1805 where he developed his revolutionary broadshare plough. Bentall's warehouse was built in 1863 and the population grew from 368 in 1801 to 1171 in 1841 and to 1476 in 1861. At Springfield, the basin had six wharves, an expanding industry including the gas works and workers' housing.

#### **4.4 Decline and Diversification**

Following the opening of the Chelmsford-Colchester railway in 1843 business along the navigation slowly declined. The Company did benefit, however, from the building of a siding at Heybridge in 1848 by the Maldon, Witham & Braintree Railway, which allowed the transfer of goods from barges onto trucks, and the opening of the line in 1889 from Heybridge to Woodham Ferrers which again necessitated bridging the navigation (40156) but allowed a siding to be built.

In 1881 Herbert Thomas was commissioned to report and advise on the navigation and its future. He found a staff of seven to be the minimum required to maintain the works and traffic. The revenues had fallen by 20% in the previous seven years and outgoings had increased by 25%. He suggested building a railway line from Maldon to Chelmsford alongside the navigation but this recommendation was not followed through.

By the end of the 19th century the Company had diversified into growing willows for cricket bats along its meander copes and had sold property. After the First World War commercial traffic dwindled and by 1927 the only cargo was timber to Brown's Wharf at Springfield. The navigation company escaped nationalisation in 1948 but commercial activity finally ceased in 1972 when Browns switched to receiving timber by road via the port of Colchester.

Despite doubts as to its future, the navigation survived and since 1972 the Company has encouraged leisure activities for private pleasure craft and through its own charter vessel, "Victoria". The entire length and surrounding land was declared a Conservation Area in 1991 and in 1992/3 parts were cleared and conserved by a consortium of volunteers, the Inland Waterways Association, the National Rivers Authority and the county and district councils. In 1996 the Chelmer Canal Trust, was formed to "preserve, maintain and enhance for the benefit of the community at large the canals, rivers, their tributaries, waterways and natural environs within, and adjacent to, the designated Chelmer and Blackwater Navigation Conservation Area".

### **5.0 RECOMMENDATIONS FOR MONUMENT CLASSES**

Outlined below is a synopsis of the main classes of monuments found within the Conservation Area, together with recommendations relating to their management and conservation. Descriptions of individual sites and specific recommendations can be found in the Gazetteer (Section 7) and, where applicable, the Inventory (Section 8). Recommendations relating to landscape features are made in 'Chelmer & Blackwater Conservation Area Landscape Character Assessment' (Essex County Council 1999).

#### **5.1 Bridges and Locks**

Twelve locks along the navigation permit a drop in the water level between Springfield (Chelmsford) and Heybridge (Maldon) of 23.5m over a distance of 22.5km. The sea lock at Heybridge drops 4.5m. The inland pound locks are of roughly similar design, 20.9m (68 ft) x 5.2m (17ft), built to the specifications of John Rennie. Most of the locks are sited in artificial cuts which bypass river meanders or at the sites of pre-existing mills to



preserve the mill water supply, and their construction necessitated the building of weirs. Several were built with associated bridges.

The lock gates (other than the sea lock) are of oak, softwood panels with an elm bottom cill. Although these gates have a life expectancy of about 20 years, some of the original iron fittings appear to survive. The water usually passes the gates via paddles within the gates which can be wound opened or closed on a rack and pinion, but where the fall in water level is large, water bypasses the upper gates via a side paddle low in the chamber wall so as to avoid swamping a barge within the lock.

The Navigation Company had to preserve existing rights of way over the river and built bridges at: Sandford Mill; Black Bridge Boreham; Paper Mill; Hoe Mill; and Black Bridge Heybridge. In addition it provided bridges to allow a continuous towpath. Most of the bricks for the locks and bridges were made from local clay at Hoe, Ulting and Boreham. The yellow bricks at Chapman's bridge may be from Suffolk where Richard Coates had recently completed the River Gipping Navigation.

#### **5.1.1 Recommendations**

The locks are all listed grade II and as such have statutory protection. Although they are still in use, repair and maintenance should respect their historic integrity and utilise original materials and methods of repair.

#### **5.2 Meanders, Water Feeders and Earthworks**

Along the length of the navigation, the water flow is augmented by water feeders from the surrounding land. These are in many cases dug earthwork ditches, some piped. River meanders have been bypassed by artificial cuts and, when silted, now constitute copses and reed beds.

#### **5.2.1 Recommendations**

These are vital elements in the understanding of the navigation and form an important part of its essential character. Detailed recommendations can be found in 'Chelmer & Blackwater Conservation Area Landscape Character Assessment' (Essex County Council 1999).

#### **5.3 Mills**

Eight mills were affected by the changes in the water flow along Chelmer and Blackwater caused by the construction of the navigation: Barnes; Sandford; Little Baddow (Johnson's); Paper (Husketts); Hoe; Beeleigh; Heybridge; and Langford mill. Particularly affected were Heybridge, where the mill's water flow must have been reduced by the artificial cut which bypassed it and Langford, with the curtailment of its access via its cut to the Chelmer and Maldon. In addition, Moulsham Mill, though on the Chelmer/Can above its linking with the Springfield Cut, became dependant on the navigation for its supplies which previously had been brought by road. Negotiations with the mill owners by the Company were often protracted and acrimonious. The Navigation Company either came to an accommodation with the owners or purchased the mill outright.



### **5.3.1 Recommendations**

Several of the mills are of medieval origin, though the standing structures, where they survive (Barnes, Hoe, Beeleigh, and Moulsham), date to the 18th and 19th centuries. Considerable archaeological potential exists at several sites for exposure of the earlier forms. Similarly, there is the possibility that machinery from later phases may still survive within the buildings and this should be retained and preserved in situ wherever possible.

### **5.4 Navigation Posts**

Along the navigation are iron posts close to, and at a distance from, the bank which. In some instances when not located near to locks, these appear to mark the boundary of the navigation from adjacent fields.

#### **5.4.1 Recommendations**

The size and position of these posts makes them vulnerable to theft, accidental damage and vandalism. They should be fully recorded and preserved in situ.

### **5.5 Second World War Pillboxes**

There are three pillboxes surviving along the navigation (10166, 10167 and 10199) and a further seven within the Conservation Area (10157, 10168, 10170, 10165, 10169, 10654 and 10655). These monuments have been subjected to a separate and in-depth survey of Second World War defences carried out by Essex County Council which is available for public consultation at the Essex Heritage Conservation Record, County Hall, Chelmsford.

#### **5.5.1 Recommendations**

These monuments represent an important phase in the history of the navigation and defence of Britain. They should be preserved where possible.

### **5.6 Self-closing Gates**

Along the towpath are self-closing wooden gates, wide enough for a horse, often at field boundaries, to control cattle and sheep movement. The gate posts suggest some of these may date to construction of the navigation.

#### **5.6.1 Recommendations**

Although many of these appear to be of recent construction, earlier features such as oak gate posts survive and should be preserved.

### **5.7 Boathouses**

Of the four boathouses (40079, 40081, 40092 and 40133) shown on the 1897 and 1924 maps none are extant.

#### **5.7.1 Recommendations**

Any traces of these structures are likely to only survive below ground and be of minimal archaeological potential.

### **5.8 Farms**

There are several farms and homesteads of historic and/or archaeological interest

## The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11

within the Conservation Area.

### **5.8.1 Recommendations**

Many of the important elements of the farms are listed buildings and therefore have additional protection. Opportunities should, however, be taken for further study especially of the non-listed buildings which may retain important or interesting historic features.

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Spalding collection of photographs.

## **7.0 GAZETTEER OF SITES**

This gazetteer lists sites of historical interest identified during the survey. The sites are ordered from west to east with each entry comprising the Essex Heritage Conservation Record (EHCR) number followed by the name, National Grid Reference (NGR) and short description. Location maps A-Z showing the position of individual sites are in Volume Two.

Please note that due to the nature of the field survey, the NGR for some small sites, such as marker posts, may vary from that given here by up to 50m.

Entries where the name is given in capital letters have been identified as, or form elements of, particularly important sites, and a more in-depth assessment, including recommendations relating to their management and statutory status, is given in the Inventory (Section 8).

### **40000 River Navigation, Chelmer and Blackwater**

**TL7135806681**

**TL8722706842**

River navigation constructed 1793 to 1797 by Richard Coates to the designs of John Rennie linking the river Blackwater (at Heybridge Basin) with Chelmsford (Springfield Basin).

### **MAP A -Springfield Basin**

#### **40001 WAREHOUSE**

**TL7137106685**

At the N corner of Springfield basin, 19th century timber warehouse on brick plinth, single storey, gable ends, blue slate roof with red tile ridge.

#### **40002 SHEDS**

**TL7140406585**

An area to the S of the basin contains early and mid 20th century sheds, single storey, brick with asbestos roofing, gable ends, pier and panel construction, now in industrial and commercial use. Red brick building with tile roof, gable end, single window facing the water.

#### **40003 WAREHOUSE**

**TL7142206564**

Large 20th century red brick warehouse to the S of 40002, asbestos roof, single pitch.

#### **40004 BUILDINGS**

**TL7142806623**

Steel and brick timber yard buildings on NE side of water wharf.

#### **40005 WAREHOUSE**

**TL7135206633**

Early 20th century warehouse converted to new use. Yellow stock brick, gable ends, slate roof, nine recessed panels for windows.

#### **40006 HOUSE**

**TL7138206562**

Mid to late 19th century two storey brick L-shaped dwelling, projecting gable to road, timber framed porch in angle of L.

#### **31596 SPRINGFIELD LOCK**

**TL7171206293**

The pound lock, 21m (68 ft) long x 5m (17 ft) wide, consists of a brick-lined chamber with granite coping stones. Upper and lower paired gates with balance beams, side-wall paddles bypass the upper gates, gate paddles in lower gates. Cofferdam stop locks above and below. Listed 7/251.





## **The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No. 111**

### **31493 SPRINGFIELD ACCOMMODATION BRIDGE**

**TL 7172506284**

The bridge sited immediately below the lower gates is single span, English garden bond red brick, with stone coping. The brick parapet above a string of three courses of projecting red brick has been wholly renewed on W side and partly on E side. Built c.1797. Listed 7/145.

### **15084 MOULSHAM MILL**

**TL7149006170**

Late C18/C19 mill, weatherboarded on a brick base, four storeys with lucum, slate roof. The mill leat has been filled in, and the mill appears at some 100m from the confluence of the Rivers Cam and Chelmer. Listed 7/46.

### **31573 MOULSHAM MILL HOUSE**

**TL7150006160**

18th century mill house adjacent and to E of mill, red brick in Flemish bond, three storeys, sash windows, roofs hipped and peg-tiled with two stacks. Listed 7/47.

### **31575 Meadow View**

**TL7158806160**

C17 or C18 timber framed cottage. Listed 7/133.

*Confluence of River Chelmer with the navigation cut. TL718063. Towpath is on N bank.*

### **40007 OLD A12 ROAD BRIDGE**

**TL7192806620**

Linking Chelmsford to Chelmer Village. Concrete single span with approaches over meadows on pillars, balustrade has double lamp standards (now lacking the globes). Built 1932.

### **Map B - Old A12 to Barnes Mill**

### **40008 Water feeder ditch from the S**

**TL7216806198**

Now silted.

### **5713 Strip field system**

**TL7230006100**

In 1591 the fields on the S of the river were ploughed in strips.

### **40009 Water feeder system**

**L7228806324**

Consists of several confluent ditches from N, still functional.

### **31475 Barnes Farm**

**TL7247706536**

Late C16 timber framed house. Listed 7/50.

### **31476 Barn**

**TL7252806571**

C16 timber framed barn at E edge of yard to Barnes Farmhouse. The small barn on N edge of yard (7/166) was demolished in 1987. Listed 7/165.

### **40010 WATER FEEDER DITCH**

**TL7256006476**

Empties into a 0.6 m x 0.6m (2 x 2 feet) stone-lined culvert box drain (40221), 15m N of concrete and metal scaffold footbridge (40222) at the separation of the river from the cut to the lock, 6m W of the river bank.

### **40221 BOX DRAIN**

**TL7256806467**

Stone-lined culvert box drain 0.6 m x 0.6m (2 x 2 feet) fed by ditch 40010.

### **40222 FOOTBRIDGE**

**TL7257106430**

Metal scaffold footbridge at the separation of the river from the cut to the lock.

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**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

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**40225 MILL RACE****TL7264806504**

The river feeds the mill lead and the bypass channel which is controlled by a sluice with iron gates in a concrete frame; the navigation cut is to the S. Course of the head race has been diverted from the mill lead S over a weir into a bypass channel W of the mill.

**40011 MILL POOL****TL7254106499**

For the mill race (40225) on the W, S of Barnes farm, collects water from the meadow via a concrete and iron gate sluice; the pool is currently (1998) filled with dead wood resulting in reverse flow through the sluice into the meadow.

**31526 MILL HOUSE****TL7267906533**

Late C17/C18 timber framed mill house, N of mill. Listed 7/48.

**31527 BARNES MILL****TL7267906520**

Rebuilt c.1800. Weatherboarded timber framed on brick ground storey. Mansard roof with clay tile and slate, lucum now with vertical window faces S. Was in use as a mill until 1957, now a residence. Listed 7/49.

**31011 POUND LOCK****TL7270206468**

Brick chamber with granite coping stones. two pairs of balanced beam gates, upper side paddles, lower gate paddles. Coffor stop lock grooves above and below. Listed 9/497.

**40223 FOOTBRIDGE****TL7271706474**

Below lower gate, modern cast iron.

**40012 FOOTBRIDGE****TL7277506501**

Between mill race and canal, modern cast iron.

**40013 Windmill (site of)****TL7259206439**

E of division of the river into the lock lead and the head-race lead, gone by 1897. (Tithe 1842, OS 1875).

**40014 Water feeder****TL7279606522**

From N, now modern concrete, piped.

**Map C – Prentices Farm to Sandford****31005 Prentices Farm****TL7295506570**

16th century timber framed two storey house on brick platform with crosswing on E. Roof tiled, central chimney stack. (E wing gone). Mid 20th century farm outbuildings on W with asbestos roofs. E outbuildings (shown on OS 1875) farmhouse, now gone. Listed 9/964.

**40015 Water feeder****TL7299906523**

From N, dry pool, now an earthwork depression only.

**40016 Water feeders N and S of river****TL7304706456**

Now replaced by brick and concrete capped sewer.

**40017 River meander****TL7317906427**

N of navigation cut, now represented by earthwork depression and copse.



**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No. 1**

**40018 Stench pipe and sewer** TL7340006500  
6m tall pipe. Concrete pad over sewer tank, "Brickhouse Dudley No 5253" on manhole cover.

**5743 Windmill (site of)** TL7344006500  
Site of Springfield Windmill, shown on OS 1st edition 6" map and visible on aerial photographs.

**30843 Pease Hall Farm** TL7358506642  
C17 and later timber framed house. Listed 9/846.

**40019 Side channel** TL7354506238  
Diverts S rejoining main river E of Sandford Mill collecting water feeders.

**Map D - Sandford Mill**

**10166 Pillbox** TL7360006300  
Second World War type FW3/24, 40m N of N bank. (Not mapped).

**31015 SANDFORD (BUNDOCKS) ROADBRIDGE (W)** TL7381306196  
Single span red brick, English garden bond. Three courses of projecting brick below the parapet, stone coping, piers either end. Towpath passes under bridge on W side of navigation. Road over is metalled. Built c.1796. Listed 9/496.

**15576 SANDFORD MILL** TL7386006150  
Chelmsford Corporation Water Works built on site of mill c.1925 which was functioning until 1924. Headrace, now blocked, ran through mill with dwelling on N side. Sluice transferring additional water on S of mill. Now, red brick building with concrete arms and "Chelmsford Corporation Water Works" on E side.

**40228 Mill house** TL7393106094  
On N side of mill (15576), two storey brick house, twin gable, pantile roof, terracotta dressing around windows at gable apex. Tail race has been diverted and is no longer extant.

**40020 Meadow View Cottage, Brookend Road** TL7403606198  
Two storeys, brick and stucco, roof hipped and tiled, built between 1875 and 1891 (OS). Two adjacent cottages to W (OS 1897) now gone.

**31013 SANDFORD ROADBRIDGE** TL7399006322  
Immediately below the lower gates, of similar construction to Springfield and Bundocks bridges, but towpath does not pass under bridge, road metalled. Built c.1797. Listed 9/494.

**31016 SANDFORD LOCK** TL7397606312  
Navigation cut some 425m long begins SW of Bundocks Bridge, bypassing a loop in the river to the S. Former lock house on S of lock now replaced by modern weather-boarded bungalow. Lock has a brick lined chamber, granite coping stones, two pairs of balanced beam gates, upper side-wall paddles, lower gate paddles. Coffor stop-lock grooves above and below. Listed 9/495.

**40021 Storms Farm (site of)** TL7399606395  
Shown on OS maps 1875 and 1919, now gone; represented by a few low earthworks.

**10157 Pillbox** TL7410007870  
Second World War. (Not mapped).

## The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11

### **10169 Pillbox**

Second World War. (Not mapped).

TL7406006090

### **10168 Pillbox**

Second World War. (Not mapped).

TL7405006170

### **10167 Pillbox**

Second World War, S of river. (Not mapped).

TL7407006250

### **10165 Pillbox**

Second World War. (Not mapped).

TL7419006730

*The navigation cut rejoins the river.*

### **40022 Water feeder**

On the N of the junction survives as a channel, concrete pipe set in red brick.

TL7410806457

*Navigation cuts through four meanders, the first to the S, remainder to the N of Cut. Fence line marks the extent of the two eastern meanders.*

## **Map E - A12 Flyover**

### **40023 Water channel**

Under Chelmsford bypass (A12) flyover (opened 1986).

TL7437506585

### **40024 Footbridge**

Now modern cast iron, leads E to Great Graces Farm along Graces Walk.

TL7442806756

### **40025 Meander to the W**

Survives as a reed bed with wildfowl.

TL7439706852

## **Map F - Cuton Lock**

### **31014 CUTON LOCK**

Lock (on the S) has brick lined chamber, granite copings, two pairs of balanced beam gates, gate paddles upper and lower. Cofferdam stop-lock grooves above and below. Listed 9/493.

TL7428707521

### **10160 Pillbox**

2nd World War hexagonal, type FW3/24, on central island, single cell with central pillar. (Not mapped).

TL7430007530

### **40026 CUTON WEIR**

On N side of island, S embankment is concrete and brick, N embankment is brick. Downstream of weir is a water feeder from E.

TL7429007553

### **40027 Water feeder**

Down stream from weir, feeds from E.

TL7431307551

### **40028 Water feeder**

From the W, brick-lined with blue engineering brick of probable recent origin passing under A12 bypass.

TL7416107595

## The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11

### **40029 Water feeder ditch**

**TL7415507619**

From the W, unlined, passing under A12 bypass (Not shown on OS 1875).

### **Map G - East of Cuton Hall**

### **40030 Post**

**TL7421507946**

5m from W bank, cast iron, cylindrical, diameter 0.18m (7") x 0.45m (18") tall.

### **40031 Water feeder**

**TL7418707916**

From W, concrete outlet into navigation. Former line of feeder survives as an earthwork ditch to the N of present at bend of river to E.

### **40032 Post**

**TL7421507646**

4m from N bank, cast iron, cylindrical, diameter 0.18m (7").

### **40033 Meander**

**TL7434407959**

On S of navigation, survives as a copse.

### **40034 Stone scatter**

**TL7436608076**

To N of river, marks the former site of ?field barns (OS 1875).

### **40035 Post**

**TL7446808029**

4m from N bank, cast iron, cylindrical, diameter 0.18m (7").

### **40036 Post**

**TL7460208062**

4m from N bank, cast iron, cylindrical, diameter 0.18m (7").

### **40037 Water feeder and meander**

**TL7469408079**

From N, survives as a copse.

### **40038 Post**

**TL7472808089**

On N edge of copse, cast iron, cylindrical 0.18m (7") diameter, marks field boundary.

### **40039 Post**

**TL7482808093**

7m from N bank, iron girder, with inscription "C&BN".

### **Map H - Stonham's Lock**

### **30312 STON(E)HAMS LOCK**

**TL7510008200**

Lock on N has brick-lined chamber, granite coping stones, two pairs of balanced beam gates, upper and lower gate paddles, coffer-dam stop-lock grooves above and below.  
Listed 10/336.

### **40040 WEIR**

**TL7507608170**

To the SW, brick-sided, stone and concrete with iron rods. Bricks are frogged suggesting some recent repairs.

### **40224 Whitwell's Farm**

**TL7530007800**

Two storey timber framed and pargetted, slate hipped roof. Single storey brick range with one stack at rear, single storey modern extension to right (E).

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**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

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**30628 Phillows Farm**

**TL7539407849**

C17 and later house. Listed 10/332.

**40041 Meander**

**TL7517008302**

On E of navigation, survives as a reed bed with wild fowl.

**40042 Meander (site of)**

**TL7515908363**

On W of navigation (shown on OS 1875 and 1919), now gone.

**Map I - Little Baddow Mill**

**40043 Water feeder**

**TL7524208575**

From W, survives as an earthwork ditch containing water passing under towpath in a cement wide-bore pipe.

*Here the river makes a 90 degree turn southeast.*

**40044 Water feeder**

**TL7538108587**

From the N, an earth ditch in scrub.

**TL7580808927**

**40045 Meander**

**TL7541908531**

From S of navigation, survives as a copse.

**40046 Post**

**TL7570008400**

3m from N bank, round-headed, iron, rectangular, 0.5m (20") tall, ?19th century, with inscription "CBN".

**30311 LITTLE BADDOW LOCK**

**TL7590008500**

Brick-lined chamber with granite copings, two pairs of balanced beam gates. Upper side paddles, lower gate paddles. Cofferdam stop-lock grooves above and below. Listed 10/335.

**40234 THE MILL HOUSE**

**TL7601808347**

C19 brick built house, twin gabled, two storey.

**40048 LITTLE BADDOW (JOHNSONS) MILL (site of)**

**TL7600008400**

Former mill (burnt down 1893) occupied the site to the N of the extant house. Mill wheel pit with technological remains survive behind a low wall beside the iron sluice. Overflow weir and sluice to W.

**40047 Footbridge**

**TL7600008445**

Timber, of recent (1960s) construction. Concrete abutments, double piles supporting the horizontal footway reached by 13 wooden steps from each side. Wood piles and ?cutwaters of earlier bridge visible below present bridge in river bed.

**Map J - Boreham Black Bridge**

**40049 Water feeder**

**TL7630008600**

From N, earth ditch runs immediately to the W of the Boreham road and issues into the river 5m W of Black Bridge.



**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No. 1**

**40050 Boreham Black Roadbridge**

**TL7630008600**

Formerly of wood, now mid 20th century concrete bridge on brick abutments supported on two concrete piers, span carried on RSJs. Plank cutwaters.

*Towpath crosses to south of navigation.*

**40051 Coal wharf (site of)**

**TL7634808620**

On N bank (Tithe map, 1838) immediately E of bridge until beginning of 20th century, now gone.

**40052 Water feeder, Sandon Brook**

**TL7632408545**

From S, an earthwork ditch. Towpath crosses ditch on a modern iron bridge.

**40053 Water feeder**

**TL7641008536**

From S, marking W end of meander.

**40229 Post**

**TL7650008600**

0.30m (12") high cast iron column inscribed "JT", 3m from S bank.

**40054 Earth bank**

**TL7664508590**

2m high with ditch on E runs N at 90 degrees from N bank of river.

**40055 Water feeder**

**TL7666908557**

From S marks E end of meander (40053), silted, alignment marked by tree-line and a large coppiced willow.

**Map K - Paper Mill**

**40056 Water feeder**

**TL7725908632**

From S, at E end of copse.

**40057 Large reed lake**

**TL7724908778**

On N of navigation, with wildfowl.

**40058 Post**

**TL7760008900**

Iron, cylindrical, 0.46m (18") high, 0.18m (7") diameter, inscribed "C&BN".

**40059 Self-closing wooden swing gate**

**TL7760009000**

**31012 PAPER (HUSKETTS) MILL LOCK**

**TL7760009000**

River divides N arm feeding headrace, S the lock. Island banks recently timber-revetted. Lock chamber brick lined with granite copings, two pairs of balanced beam gates, gate paddles upper and lower. Cofferdam stop-lock grooves above and below. Overflow weir has been modified; two concrete weirs installed W of earlier weir which is extant but dry. Listed 10/334.

**40060 BOTHY**

**TL7758408946**

On central island, early 20th century single storey red brick, gable ends, slate roof, S elevation (facing lock) wooden door, W elevation sash 4-window light, E and N elevations blind, stack at E. Single storey timber office building to W.

**40061 STABLES**

**TL7760508937**

On S bank of lock, single storey red brick (used as storage), irregular bond, slate roof with ridge

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**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

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tiles, end with trefoil decoration. On W, weather-boarded on brick plinth, corrugated roof, stable doors. To E of stables, original cottages replaced by modern brick residence.

**40062 MOORING POST**

**TL7760009000**

Fluted, octagonal, 0.9m (3 ft) high, 0.2m (8") diameter on S bank below lock. Resembles 40083.

**40063 Self-closing gate**

**TL7760009000**

As 40059 with oak post on S bank.

**40064 Water feeder**

**TL7764909101**

From N enters millpond.

**40065 PAPER HUSKETTS (EASTERN) MILL**

**TL7764709022**

(OS 1897) replaced by modern bungalow with garden on W. Tailrace re-enters the river immediately W of road bridge, having been joined by a Water feeder from N.

**40066 Paper Mill roadbridge**

**TL7769509024**

Below entry of the tailrace, concrete span on concrete piers built 1935 replaces earlier wooden bridge with brick abutments of c.1795.

**5593 Findspot**

**TL7772009020**

In 1935, horns of the wild and domesticated form of aurochs were found in the gravel.

**40067 Post**

**TL7780009000**

Iron, cylindrical 0.6m (2ft) high, 0.18m (7") diameter, 4m from S bank.

**Map L- East of Paper Mill**

**40068 Post**

**TL7790009200**

Iron, cylindrical 0.6m (2ft) high, 0.18m (7") diameter, 4m from S bank.

**40069 Red brick cottage**

**TL7802809180**

On N bank (OS 1897), 19th century, 1 1/2 storeys, mansard tiled roof, no chimney.

**40070 Water feeder**

**TL7816209197**

From NE, marked by fence line.

**40071 Post**

**TL7840009000**

Iron, cylindrical, 0.6m (2ft) high, 0.2m (8") diameter, 3m from S bank.

**40072 Water feeder**

**TL7845509015**

Earthwork ditch from N.

**40073 Water feeder**

**TL7844808978**

Earthwork ditch from S.

**400074 Self-closing swing gate**

**TL7860009000**

Wooden, on S bank towpath at field boundary.

## **The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No. 1**

**40075 Three parallel field boundaries** TL7880009200  
Banks, ditches and hedge separate long curvilinear fields on S side of navigation.

### **Map M - Rushes Lock**

**40076 Water feeder (site of)** TL7898309458  
From N (OS 1897), now gone.

**40077 Footbridge** TL7903509360  
Concrete segmental arched supported on pair of concrete pillars with metal balustrade (dated 1951) on site of earlier wooden bridge joining Cardfields Farm with Bassetts Farm.

**40078 Double self closing wooden gates** TL7910009400  
On E side of bridge, S bank.

**40079 Boathouse (site of)** TL7910009400  
On N bank (OS 1924), now gone.

**40080 Large meander** TL7920009400  
On N side, marked by tree line.

**40081 Boathouse (site of)** TL7930009400  
(OS 1897, 1924) on N bank, now gone.

**40082 Self-closing wooden gates** TL7930009400  
Double, at field boundary.

**39111 RUSHES LOCK** TL7950009000  
Brick chamber with granite copings. two pairs of balanced beam gates (renewed by Maldon District Council 1998), upper side paddles and lower gate paddles (stamped Maldon Iron Works Co 1926). Cofferdam stop-lock grooves above and below. Listed 10/195.

**39112 RUSHES WEIR** TL7947109024  
Brick with new (1998) revetments, stone and concrete coping. Listed 10/196.

**40226 WATER FEEDERS** TL7945608953  
Two water feeders from N below weir, (River Ter, formerly 1841 Hatfield River).

### **Map N - Rushes Lock to Ulting**

**40083 FLUTED OCTAGONAL IRON PILLAR** TL7945608953  
0.6m (2ft) high, 0.2m (8") diameter, 5m from S bank below lock bearing plate "Greenwood Manufacturer Chelmsford", resembles 40062.

**40084 Sewer tanks** TL7946908919  
Three S of navigation, one N, concrete.

**40085 Water feeder** TL7949208892  
From S, W end of small meander; towpath crosses by a concrete platform.

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**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

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<b>40086 Self-closing gates</b> Double, wooden.	<b>TL7950208875</b>
<b>40087 Water feeder</b> From S, silted, E end of a small meander.	<b>TL7948708843</b>
<b>40088 Water feeder</b> From S, 20m W of 40089.	<b>TL7971808634</b>
<b>40089 Water feeder</b> From S, earth ditch immediately W of 40088.	<b>TL7978508610</b>
<b>40090 Self closing gates</b> Wooden, double.	<b>TL7979808612</b>
<b>40091 Two water feeders</b> From N deriving from a spring surround by a copse.	<b>TL7999508751</b>
<b>38983 All Saints Church, Ulting</b> 13th century parish church, puddlingstone, tile roof, shingle spire, modified W windows. Listed 3/40.	<b>TL8013208769</b>
<b>38984 Tombstone and railings</b> Late C19 tombstone and enclosing cast iron railings. Listed 3/41.	<b>TL8010208783</b>
<b>38989 Ulting School</b> School dated 1865.	<b>TL8024208933</b>
<b>38985 1-3 Church Cottages</b> C15 or earlier timber framed cottages, with later additions. Listed 3/42.	<b>TL8014408871</b>
<b>38990 The Old Rectory</b> Early 19th century house. Listed 3/47.	<b>TL8039208907</b>
<b>40092 Boathouse (site of)</b> On N bank (OS 1897), gone before 1924.	<b>TL8017708733</b>
<b>40093 Water feeder</b> From S, a copse.	<b>TL8025808613</b>
<b><u>Map O - Ulting</u></b>	
<b>39005 The Cottage, Ulting Wick</b> C15, or earlier, timber framed cottage. Listed 3/63.	<b>TL8045208744</b>
<b>39007 Barn approx 25m NW of Ulting Wick</b> C17 barn. Listed 3/65.	<b>TL8048008747</b>
<b>39004 Ulting Wick</b> C16, and earlier timber framed house. Listed 3/62.	<b>TL8049508722</b>



## **The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No. 111**

**39006 Barn adjacent to road and 25m NE of Ulting Wick** TL8050308744  
18th century timber framed barn.

**8884 Meander feeder (Scotch Marsh)** TL8030008622  
From NE. Evidence of former field boundaries and enclosures are shown in aerial photographs.

**40094 Water feeder** TL8032608540  
From W, ploughed out, now arable.

### **Map P - Hoe Mill**

**40095 Water feeder** TL8043008235  
From W, earthwork ditch realigned (OS 1897).

**40096 Footbridge** TL8044408310  
Over entrance to headrace, modern, steel girders, wire mesh footway, wooden balustrade, concrete abutment.

**40097 Weir** TL8041008115  
20m S of footbridge, modern.

**39008 HOE MILL LOCK** TL8078208220  
Lock cut on N, mill race S. Lock brick-lined, granite copings, two pairs of balanced beam gates, upper side paddles, lower gate paddles, coffer dam stop-lock grooves above and below. Apart from Heybridge sea-lock, this gives the largest drop 2.5m (8ft 3ins) of water on the navigation. Listed 3/66

**39009 LOCK KEEPERS HOUSE** TL8072008226  
Late 18th century, red brick with gault brick E facade, two storeys, hipped slate roof, sash windows, two stacks; single storey modern extension on W. Listed 3/67.

**40098 TAIL-LOCK BRIDGE** TL8079808229  
Built 1935, concrete, balustrade continues S over tailrace which rejoins Cut E of bridge, replaced timber bridge of c.1797.

**40099 MILL (site of)** TL8074008125  
Demolished in 1914 but represented by brick bridge, ?wheelhouse with two arched span issuing into tailrace. Overflow weir W of mill site functional.

**39107 MILLHOUSE** TL8079908076  
S of tailrace. Early 19th century, gault brick, hipped grey slate roof, now a residence. Listed 3/191.

*Towpath changes to north bank.*

**40100 Field bank** TL8089608307  
Runs parallel to river 10m from S bank for c. 200m.

**40101 Iron post** TL8089708298  
With arched top, 10m from S bank.

**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

**7755 Find spot**

**TL8097708557**

Bronze Age palstave (axe) found in 1935, on the N bank, 400m below Hoe Mill bridge, now in Colchester Museum.

**40102 Copse**

**TL8105708554**

On S bank, with earthwork mound at E end.

**40103 Water feeder**

**TL8106308610**

From N, towpath crosses by a modern metal tubular bridge with concrete buttresses. Wooden piles of earlier bridge visible beneath.

**40104 Iron post**

**TL8110308587**

5m from S bank, with arched top.

**40105 Willow copse**

**TL8111508625**

On N bank, former site of one cottage (Tithe 1841 occupier William Aldham) and later two cottages (OS 1897), fronting onto Langford road.

**40106 Iron post**

**TL8117308600**

10m from S bank, with arched top.

**40107 Iron post**

**TL8119708599**

20m from S bank, with arched top.

**40108 Iron post**

**TL8122508602**

10m from S bank, with arched top.

**40109 Four cottages**

**TL8122608642**

On N side, mid 20th century with outbuildings, on former site of cottages (OS 1987) fronting onto Langford road.

**Map Q - South of Stammer's Farm**

**40110 Bridge**

**TL8127408599**

Carrying two large-bore pipes over navigation, iron frame supported on engineering brick buttresses. Water issues into navigation from pipes beneath the bridge from underground tanks on N.

**40111 Post**

**TL8130108590**

5m from N bank, cylindrical, iron, 0.18m (7") diameter inscribed "C&BN".

**40112 Water feeders**

**TL8134708497**

From N, follows field boundary.

**7856 Cropmarks**

**TL8100008000**

Cropmark complex excavated in 1976, including a small subrectangular enclosure and a multiple-ditched rectangular enclosure. Scheduled Monument 176. Outside of Conservation Area.

**40113 Post**

**TL8141908526**

5m from N bank, cylindrical, iron, 0.18m (7") diameter inscribed "C&BN".

## **The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey**

**40114 Water feeder** TL8151308502  
From S, not extant, now ditch in field.

**40115 Post** TL8152008572  
4m from N bank, cylindrical, iron, 0.18m (7") diameter inscribed "C&BN".

**38991 Stammer's Farmhouse** TL8174909042  
C16, or earlier, timber framed house. Listed 3/49.

**38992 Cartlodge adjoining to NE of Stammers Farmhouse** TL8174909064  
C19 timber framed cartlodge. Listed 3/50.

**38979 Thatched barn 40m E of Stammers Farmhouse** TL8180709056  
Timber framed barn of c.1800. Listed 3/48.

**40116 Meander copse** TL8203108723  
On N side. In the meadow to the N, S of Stammers Farm, are cropmarks of a ring ditch 10m diameter and two rectangular enclosures (8883).

**40117 Post** TL8193108693  
In N copse, cylindrical, iron, 0.18m (7") diameter inscribed "C&BN".

**40118 Post** TL8208608712  
4m from N bank, cylindrical, iron, 0.18m (7") diameter inscribed "C&BN".

**40119 Concrete sewage tank** TL8213408736  
30m from N bank.

### **Map R - Ricketts Lock**

**40120 RICKETTS WEIR** TL8230708597  
Destroyed by floods (November 1998) at entry to S meander, replaced by sheet piling. Rebuilt in brick in 1999.

**38976 RICKETTS LOCK** TL8236408649  
Brick chamber with granite copings, pair of lower balanced beam gates (upper gates replaced in 1999), upper side paddles, lower gate paddles, coffer dam stop-lock grooves above and below. Listed 3/28.

**38980 TAILLOCK ACCOMMODATION BRIDGE** TL8265208651  
Red brick with 3 string course above single span arch, concrete and stone copings. River meander rejoins the Cut below the bridge from the S. Water feeder which has been running parallel to, and 5m from, N bank from TL822087 joins navigation below bridge. Listed 3/29.

**40121 Wood piles of former Wharf** TL8273908694  
Along N bank, 45 m long.

**40122 Water feeder** TL8286008683  
From N, now dry.

**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

**40230 Single self closing swing gate**

**TL8286008684**

**40123 Water feeder**

From S.

**TL8307908562**

**Map S - Beavis Hall**

**38952 Beavis Hall**

C15 or earlier timber framed house. Listed 3/2.

**TL8255009579**

**38953 Barn adjacent to road 30m E of Beavis Hall**

C16 timber framed barn reusing medieval timber. Listed 3/3.

**TL8257909570**

**38954 Pump one metre S of Beavis Hall**

C19 cast iron water pump. Listed 3/4.

**TL8255009567**

**Map T - Langford**

**40124 Single self-closing swing gate**

At W end of meander copse (40125).

**TL8340808619**

**40125 Meander copse**

On N bank.

**TL8341908627**

**40126 Single self-closing swing gate**

Modern, at E end of meander copse (40125).

**TL8342908616**

**40127 Bridge**

Modern, wrought-iron (resembling railway bridge ?reused) carrying large-bore pipe over navigation, stone abutments. Sluice water take-off under bridge to Waterworks on N.

**TL8346008593**

**40128 Meander**

On S bank.

**TL8348708498**

**40129 Single self-closing swing gate**

Modern.

**TL8348508591**

**40130 Water feeder**

On N, a dry ditch.

**TL8360608540**

**Map U - Langford Lock and Beeleigh Mill**

**40131 Water feeder**

On S.

**TL8365008394**

*Here the navigation divides*

**40132 Weir**

Modern weir (c.1963) to S with steel tubular footbridge over.

**TL8387908274**

## **The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No. 11**

**40227 Cut** TL8370808393  
Long Cut N to Beeleigh Lock.

**38957 BEELEIGH LOCK** TL8389208386  
Brick chamber with stone copings, two pairs of balanced beam gates, gate paddles upper and lower, coffer dam stop-locks above and below. Modern steel scaffold bridge over tail on RSJ, bridge formerly wood. Listed 3/7.

**40133 Boathouse (site of)** TL8387108373  
On S of Long Cut 20m above lock, not extant. (OS 1897)

*A public footpath here leads S by an embankment and small wooden footbridges over the pool. Towpath continues Eastwards on S of navigation cut and crosses by a modern wood and concrete footbridge (40147) a weir taking water from the Cut below the lock into the pool formerly the overflow pool to the back river, now main course of River Chelmer.*

**40134 Wooden piles** TL8393508338  
In pool below the overflow weir from river, ?former bank revetment.

**40135 Footbridge** TL8384808266  
Over river weir (built c.1965), wooden on concrete piles.

**40136 Footbridge** TL8388008246  
Tubular steel supported on earlier brick abutments over former overflow sluice.

**38240 BEELEIGH FALLS HOUSE** TL8399608195  
Mid 19th century two storey gault brick residence, with iron work verandah on S, hipped slate roof. Listed 574-1/1/228.

**38241 WELL, 4M NE OF BEELEIGH FALLS HOUSE** TL8399408206  
Mid C19 circular well-head of yellow stock bricks. Listed 574-1/1/231.

**38244 BEELEIGH MILL AND BRIDGE** TL8396308181  
The watermill now comprises two yellow brick-lined barge docks and unroofed wheel-pits. To the N is the extant steam engine house which is of two building phases, in red brick with iron ties to E and yellow brick with a common slate roof, containing remains of the steam boiler to the W. The head-race was filled in post 1924 while to the SE is the now-dry tail-race with a two-arched brick bridge over. Listed 574-1/1/233.

**40137 STONE OBELISK** TL8399108129  
On S bank of tail race, c.4m high.

**38242 Beeleigh Falls Cottage** TL8399808008  
Yellow brick, two storeys, double cottage with Gothic lancet windows, slate roof, central chimney stack. Listed 574-1/1/229.

**40138 Water feeder** TL8397207963  
From S.



**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

**40231 Concrete roadbridge**

**TL8397707960**

**38243 Beeleigh Grange**

**TL8388907890**

Weatherboarded, red tiled roof, end gables. Listed 574-1/1/232.

**40139 Field**

**TL8394607581**

To S of Beeleigh Abbey, contains earthworks. Outside of Chelmer and Blackwater Conservation Area.

**Map V - Beeleigh**

**38237 Beeleigh Abbey**

**TL8400307720**

C13/C16 Premonstratensian abbey incorporated in later house. Listed 574-1/1/225.

**38238 Cottage, barn and outbuildings W of Beeleigh Abbey**

**TL8397907727**

C16, C19 and C20 brick cottage with adjoining part timber framed barn to north east. Listed 574-1/1/226.

**38239 Boundary wall N of entrance to Beeleigh Abbey**

**TL8395607728**

C16 boundary wall. Listed 574-1/1/227.

**7786 Roman settlement**

**TL8480007900**

Discovered in 1888 during work on the Maldon railway line. Belgic ware and Roman coins found (now in Colchester and Maldon Museums).

**38252 ACCOMMODATION BRIDGE, CHAPMANS**

**TL8455007974**

Yellow bricks with 3-string red brick course above shallow segmental brick single arch, projecting piers, stone and concrete (repair) copings.. Single self-closing swing gate at N end of bridge. Listed 574-1/1/236.

**40141 Iron girder**

**TL8437508037**

S of river, with inscription CB.

**40142 Water feeder**

**TL8430808102**

From S (OS 1897 and 1924), now gone (golf course replaces).

**40143 Water feeder**

**TL8340708128**

From N.

**40144 Post**

**TL8437508207**

4m from S bank, iron, cylindrical, 0.18m (7") diameter with inscription "C&BN".

**Map U - Langford Lock and Beeleigh Mill**

**38955 ACCOMMODATION BRIDGE**

**TL8403208361**

Single red brick segmental arch accommodation bridge over the lock chamber with 3 string brick course above the arch, with stone and concrete (repair) copings. Listed 3/5.

**38956 LANGFORD LOCK**

**TL8403008362**

Brick chamber, granite copings, balance beam lower gates only in situ, gate paddle, coffer dam stop lock grooves absent below. Listed 3/6.

**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey**

**40146 LANGFORD STREAM (NOW RIVER BLACKWATER)**

**TL8396208407**

From N joins the Long Cut immediately W of Langford Lock and E of 40147.

**40147 Weir**

**TL8398508363**

E of Beeleigh Lock takes the water from the Long Cut S into the pool (River Chelmer), towpath crosses this weir by a modern wood and concrete footbridge.

**40149 LANGFORD CUT**

**TL8405408361**

From the N joins navigation immediately E of Langford Lock. River Blackwater prior to the end of the 18th century ran a course N of present but S of Langford Parsonage and Meads, TL8470085, to rejoin its present course at TL852081, W of Heybridge. Extends NW towards Langford Mill c.700m between high earth banks.

**40150 CONCRETE BOOM**

**TL8394508574**

Blocks Langford Cut W of a concrete tank.

**40145 BROAD LINEAR EARTHWORK DITCH**

**TL8409308233**

Runs N-S for c.250m across golf course, marking line of former S end of Langford Cut.

**Map T - Langford**

**8014 LANGFORD PUMPING STATION**

**TL8357708987**

Former water pumping station, now Museum of Power, containing one of three engines installed 1927-31. Scheduled Monument 220.

**40151 LANGFORD CUT TERMINUS**

**TL8367409032**

Site of wharves and buildings, no longer extant.

**40152 BRICK BUILDING**

**TL8365809032**

On N of Langford-Hatfield road, single storey, hipped slate roof, 19th century. Now village hall. Outside of Chelmer and Blackwater Conservation Area.

**40153 MILL COTTAGE**

**TL8364209001**

19th century, two storeys, tiled roof, to W of Cut terminus.

**40154 LANGFORD MILL**

**TL8371609022**

Four storeys, lower two in red brick, upper two in yellow stock brick with red pilasters. Road side (S elevation) taking-in doors and projecting lucam attic (wood) fifth storey. Terracotta date stone at high level "1897". Outside of Chelmer and Blackwater Conservation Area.

**38961 LANGFORD MILL MANSION**

**TL8374009026**

E of Mill, 17th and 18th century house, three storeys, timber framed rear range, red tiled hipped roof, front range with arched front (S) door, sash windows, hipped slate roof, dentilled eaves, now a residence for the Elderly. Listed 3/11. Outside of Chelmer and Blackwater Conservation Area.

**40155 LANGFORD MILL ROADBRIDGE**

**TL8372909005**

Carries the Langford-Hatfield road over the mill tail, brick embankments.

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**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

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**38970 Railway Cottage****TL8414208850**

Cottage, c.1840. Listed 3/22. Outside of Chelmer and Blackwater Conservation Area.

**38394 Langford Place with attached outbuildings****TL8446208517**

Early C19 red brick house. Listed 574-1/1/130. Outside of Chelmer and Blackwater Conservation Area.

**Map V - Beeleigh****40156 Post****TL8472107821**

5m from N bank by mitred flood-protection gates (40140), 0.2m (7") diameter.

**40140 Mitred flood-protection gates****TL8471407796**

Modern (1991), 30m W of Maldon bypass roadbridge (formerly Woodham Ferrers to Maldon railway bridge), with tubular scaffold footbridge over navigation (River Blackwater).

**40157 Maldon Bypass roadbridge****TL8477907760**

Engineering blue brick abutments carrying seven RSJs, single span, built c.1980. Former bridge demolished c.1960, carried Woodham Ferrers-Maldon railway, built 1889. Towpath passes under on N bank.

**Map W - Maldon to Heybridge****40158 Water feeder****TL8483507620**

From S, not extant. Now a marsh reed bed.

*Here the navigation turns 90 degrees to northeast.*

**40159 Accommodation bridge****TL8486707647**

Engineering brick abutments, steel single span arch, 3m wide roadway, modern.

**40160 Self-closing wooden swing gate****TL8491207662**

Single, modern but with earlier oak gatepost

**40161 Post****TL8492407666**

5m from N bank, cylindrical, cast iron, 0.18m (7") diameter, with inscription "C&BN".

**40162 Water feeder****TL8491507667**

From N, earthwork ditch carried under footpath in a brick culvert.

**TL8481907812****40163 Post****TL8501907733**

10m from N bank, cylindrical, cast iron, 0.18m (7") diameter, with inscription "C&BN".

**40164 Railway bridge****TL8505707764**

Single span on seven RSJs, modern. Former bridge carried Maldon-Witham railway line, closed c.1964.

**40165 Railway siding (site of)****TL8510607805**

With turntable, on S bank N of bridge (40164), not extant (OS 1897), site now scrub between bank and warehouse wall.



## **The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey**

- 40166 Water feeder (site of)** **TL8516907903**  
From S, not extant. Now industrial estate.
- 40167 Water feeder (site of)** **TL8518108026**  
From N, not extant. Now being developed as housing estate.
- 40232 HEYBRIDGE MILL** **TL8534208052**  
Navigation and mill headrace (River Blackwater) divide, TL853081. Headrace flows to E to mill (demolished 1954) S of mill house.
- 38245 MILL HOUSE** **TL8530808072**  
Late 18th century, timber framed and rendered, two range, two storeys and 1 1/2 storeys with dormer, slate roof to N and tile to S, three stacks, twin gables. Listed 574-1/4/234.
- 40173 Water course** **TL8535408055**  
To E in grounds of Mill House, feeds mill tailrace into river Blackwater from navigation, passing under the drive to Mill House (Anchor Lane).
- 40168 Former course of River Blackwater to W of Navigation** **TL8576608052**  
Extant as a wide earthwork depression on N edge of new housing development.
- 40169 Post** **TL8534208183**  
6m from N bank of navigation, cylindrical, cast iron, 0.18m (7") diameter.
- 40170 Oak gatepost** **TL8529308136**  
Marks site of former self-closing swing gate.
- 40171 Water feeder** **TL8529208142**  
From W, discharges to N instead of into navigation.
- 40172 Post** **TL8532008154**  
4m from N bank, cylindrical, cast iron, 0.18m (7") diameter.
- 40174 Three posts** **TL8531008159**  
6m from N bank and 10m N of junction of towpath with a lane leading to Langdon road, cylindrical, cast iron, 0.18m (7") diameter).
- 40175 Brick warehouse** **TL8536208114**  
On S bank, late 19th century, two storeys, rectangular, end-on gable to navigation with taking-in door at first floor level, currently (1998) unroofed undergoing restoration (OS 1897: Crane Wharf).
- 40176 House** **TL8538808176**  
On N of navigation facing towpath, late 19th century, red brick, two storeys, S of Black Bridge.
- 40177 Black Bridge, Heybridge** **TL8537608181**  
Engineering brick and concrete breeze block abutments, concrete balustrade parapet, single span on seven RSJs. Towpath passes under bridge on N bank.

**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

- 40178 Pair of mitre gate hinge rebate grooves** TL8538508184  
TL8537808192  
On either side of navigation in granite coping stones to N of bridge. Cast iron gate fixings in situ in coping.
- 40179 Warehouses (site of)** TL8567908048  
On S bank, not extant, now modern offices. Towpath is metalled road for 100m.  
*Navigation changes direction from NE to SE.*
- 10654 Pillbox** TL8570008000  
Second World War. (Not mapped).
- 10655 Pillbox** TL8570008000  
Second World War. (Not mapped).
- 40180 Navigation Cottages** TL8572908052  
On N bank, two storeys, rendered, tiled roof, gable ends, 19th century, flat roof extensions of 1960s NW and SE.
- Map X - Heybridge**
- 40181 Sewage pipe** TL8572908032  
Carried over navigation on iron frame, 5m SE of cottages (40180).
- 40182 Warehouse "Goings Wharf"** TL8573108013  
On S of navigation immediately upstream of bridge (40183), formerly a Granary, yellow brick painted, one storey with ten windows facing Goldhanger road.
- 40183 Goldhanger roadbridge** TL8574908009  
Red brick abutments with stone copings, steel girder, steel parapet with circular plaque "Essex County Council 1910". Towpath passes under bridge on N bank.
- 38479 BENTALL'S WAREHOUSE** TL8575207961  
On S bank, with grass dock and two cylindrical cast iron posts, 0.18m (7") diameter on dockside. Built 1863, warehouse is yellow stock brick, four storeys with full height pilasters and string band at 2/3 storey level, 17 windows per storey, wide arched central door at ground level, gabled slate roof, now offices. Listed 574-1/2/273.
- 40184 Post** TL8580007970  
4m from N bank, cylindrical, cast iron, 0.18m (7") diameter.
- 40185 Water feeder** TL8589707865  
From N, earthwork ditch discharges into navigation.
- 40186 Water feeder** TL8588007824  
From S opposite water feeder (40185), not extant.
- 40187 Cemetery chapel and cemetery** TL8595607922  
To N of navigation. Chapel built in 1887.

## The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey

**40188 Post** TL8598707722

5m from S bank, cylindrical, cast iron, 0.18m (7") diameter

**38299 Hall Cottages** TL8589507685

Mid to late C14 and C18 timber framed house, part formerly a barn. Listed 574-1/2/244.

**38300 Heybridge Hall** TL8594707642

C14, C16 and later timber framed house, destroyed by fire in 1997. Listed 574-1/2/245.

**40189 Post** TL8604007658

5m from S bank, cylindrical, cast iron, 0.18m (7") diameter.

**40190 Post** TL8605107650

5m from S bank, cylindrical, cast iron, 0.18m (7") diameter.

**40191 Dock** TL8605107646

(OS 1897) immediately to W of bridge, not extant.

**40192 HEYBRIDGE HALL ACCOMMODATION BRIDGE** TL8607507639

English bond red brick abutments with X ties, scaffold parapet, steel girder span supporting wood planks under concrete roadway, 3m wide.

**40193 Pair of mitre gate hinge rebate grooves** TL8607407633

TL8608007639

Immediately downstream of bridge in granite copings with iron gate fittings (?predates the bridge which would interfere with gate opening).

**40194 Post** TL8607507621

5m from S bank, 10m E of bridge, cast iron, cylindrical, 0.18m (7") diameter.

### Map Y- Heybridge to Heybridge Basin

**40195 Earthwork ditch** TL8610707636

TL8709406950

Runs parallel with N bank, 3m N of towpath, to discharge into drain at Heybridge Basin.

**40196 Earthwork ditch** TL8608907604

TL8728806629

Runs parallel with and 4m from S bank, discharges into Colliers Reach.

### Map Z - Heybridge Basin

*The navigation reaches Heybridge Basin which widens to accommodate berths. The buildings at Heybridge Basin lie within the Heybridge Basin Conservation Area and are not within the Chelmer & Blackwater Conservation Area.*

**40197 Boat workshop** TL8707806861

10m from N bank, late 19th century, timber framed and weather-boarded, 1 1/2 storeys with two pairs of double doors at ground floor and pair of double doors to attic, gable ends.

**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

- 40198 Myrtle Cottage and Ship Cottage** **TL8707806861**  
Pair of stock brick cottages with a full-height butt joint at junction of southern 1/3 with northern 2/3s, two storeys with central chimney, semicircular arch doors, three upper windows, two lower windows.
- 40199 Building (site of)** **TL8712006857**  
(OS 1897) not extant, N of Basin, replaced by corrugated iron and brick workshops and garages fronting onto Basin, 20th century.
- 38301 4-7 Lock Hill** **TL8716906858**  
Four terraced cottages N of Basin, timber framed and weather-boarded, two storeys, gable ends, red tiled roof (nos 7,6,5), slate (no 4), four upper sash windows, wood doors to S, three stacks, No 5 has exposed internal timbers. Late 18th century. Listed 574-1/2/246.
- 40200 1-3 Lock Hill** **TL8718906859**  
N of sea lock, three terraced cottages, two storeys, two stacks, rod tiles. Modern bay window frontages detract from original appearance.
- 38305 Old Ship Inn** **TL8720306861**  
N of sea lock, on corner of Basin Road and Lock Hill. Late 18th/early 19th century public house, formerly "Chelmer Brig". Brick and stucco, two storeys, three bays, gable ends, three upper sash windows, slate roof, four stacks. Painted key stone above two lower windows and S central door. Built 1799, rebuilt 1858. Listed 574-1/2/252.
- 38302 LOCK KEEPERS HOUSE** **TL8719406816**  
S of sea lock, early 19th century red brick, two storeys, hipped slate roof with two stacks, three window range with wooden casements to N, bay windows on ground floor either side of pargetted N central front door. Listed 574-1/2/247.
- 38304 Navigation Cottage** **TL8716606777**  
S of Lock Keepers House (38302), pair of 19th century cottages, two storeys, two sash windows upper and lower, timber framed and weather-boarded, door on E, gabled roof with pantiles, N slope stack. Listed 574-1/2/51.
- 40201 Jolly Sailor public house, Heybridge Basin** **TL8723006900**  
Late 19th century, brick, two storeys, two upper sash windows, gable ends, slate roof, two stacks, two bays at ground floor.
- 40223 Landing stage** **TL8728106918**  
Extends E into Blackwater estuary. Concrete with concrete and corrugated iron buildings, including cafe and boat workshop.
- 40202 114 Basin Road (S side)** **TL8717806891**  
N of No 4 Lock Hill. Late 19th century, brick, rendered, two upper and two lower windows, porch with pilasters at central 6-light front door, hipped slate roof.
- 40203 103-105 Basin Road (N side)** **TL8716906929**  
Late 19th century, six terraced cottages, W three no longer extant. Slate roof hipped on E, gable on W, four 16 light upper sash windows, two brick arched doors to road (S), two stacks (OS 1897).



## **The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No. 111**

### **40204 97 Basin Road**

**TL8714506949**

Cottage, two storeys with old core, modern extensions to S and W, hipped slate roof, central stack.

### **40205 Basin road (E side)**

**TL8718106957**

Modern brick house, two storeys, on site of former timber yard.

### **40206 87, 89, 91, 93 Basin Road (E side)**

**TL8715406979**

Four 19th century terraced cottages, brick, two storeys, four altered upper sash window range, semicircular brick arch over doors, slate roof with two stacks.

### **40207 83-85 Basin Road (E side)**

**TL8716006993**

Pair of 19th century semi-detached cottages, brick, two storeys, two altered upper sash windows, dentilled eaves, pyramidal slate roof, central stack. Modern two storey extension on S.

### **40208 79-81 Basin Road (E side)**

**TL8716507008**

Pair of 19th century semi-detached cottages, brick (N rendered), two storeys, two altered upper windows, dentilled eaves, slate roof, central stack.

### **40209 75-77 Basin Road (E side)**

**TL8716907022**

Pair of 19th century semi-detached cottages, brick (S rendered), two storeys, altered upper sash windows, slate roof with central stack.

### **40210 Barn House, End-on to Basin Road (E side)**

**TL8716907040**

19th century two storey, timber framed and rendered, jettied, pantile roof with two stock brick stacks. Formerly stables, now a residence.

### **40212 Old Butchers Shop, Basin Road (E side)**

**TL8717107051**

19th century brick, two storey, three upper 16-light windows, coaching entrance at N end, hipped roof.

### **40211 The Grey House, 67 Basin Road (E side)**

**TL8717307057**

19th century rendered, pyramidal hipped slate roof with central brick stack.

### **40213 65 Basin Road, (E side)**

**TL8718107070**

Modern brick cottage, two storey, bay window facing road on N.

*Here is Maritime Drive.*

### **40215 88-90 Basin Road (W side)**

**TL8714107011**

Two storey, brick, semi-circular brick arch over door to S facing road, pyramidal hipped roof with central brick stack.

### **40216 94-98 Basin Road (W side)**

**TL87124306984**

Three 19th century terraced cottages, two storeys, N brick, S two rendered. Pantiles, three stacks. Central cottage said by resident to be earliest with two cottages either side as later additions.

### **40217 100 Basin Road (W side)**

**TL8708906955**

Brick, two storeys, pyramidal slate roof, three upper window range, two lower windows, triangular cornice over door.



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**The Chelmer & Blackwater Navigation and Conservation Area: Comparative Survey No.11**

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*Here is Chapel Lane leading W to*

**40218 Square House**

**TL8704006989**

On S side of Chapel Lane, a rendered two storey tower house, slate roof, central stack.

**40219 United Reformed Chapel**

**TL8712606955**

Late 19th/early 20th century, one storey, weather-boarded, two doors to E, two range with end gables, slate roof.

**40220 Two Ways**

**TL8714706937**

19th century lane to S off Basin Road, cottage, two storeys, timber and weather boarded, red pantile roof, gable ends, one stack, extension on W with rod tile roof and one stack.

**38303 SEA LOCK**

**TL8722706842**

Deep brick chamber, stone copings. Upper balanced beam wood mitre gates have gate paddles ("Maldon Iron Works Co Ltd 1921") and steel reinforcement. Lock has been extended seawards by c.12m leaving gate hinge rebate grooves and iron fixings of former lower gates visible. Present lower mitre gates are reinforced on seaward side by a sliding steel caisson shutter which can be moved to S on runners into a slot trench. On S bank of sea lock is a 1.2m (4ft) high steel winch (JRM Fitch Manningtree). Listed 574-1/2/248.

*Here the navigation enters Collier's Reach.*

## 8.0 INVENTORY

The Inventory contains a record of the major sites within the Conservation Area as visited between October 1998 and February 1999. Each site has a record sheet giving: Essex Heritage Conservation Record number; a brief description; an assessment of archaeological potential, significance and status; and identifies future management requirements. Current and historical maps are included along with photographs. The sites are graded as follows:-

0	low importance or demolished
*	local importance
* *	regional importance
***	national importance
****	major national or international importance

EHCR	Site name	Grade
40001-40006	Springfield Basin	*
31596, 31493	Springfield Lock and bridge	**
15084, 31573	Moulsham Mill and house	**
40007	Old A12 road bridge	*
31526-7	Barnes Mill	*/**
31011	Barnes Mill Lock	**
31015	Bundocks Bridge	**
15576	Sandford Mill	*
31016, 31013	Sandford lock and bridge	**
31014, 40026	Cuton Lock and weir	**
30312, 40040	Stonham's Lock	**
30311	Little Baddow Mill Lock	**
40048, 40234	Little Baddow Mill	*
31012, 40060-2	Paper Mill Lock	**
40065	Paper Mill (east)	*
39111, 39112	Rushes Lock	**
39008-9, 40098	Hoe Mill Lock and bridge	**
40099, 39107	Hoe Mill and house	**
38976, 40120, 38980	Ricketts Lock, weir and bridge	**
38957	Beeleigh Lock	**
38244, 38240	Beeleigh Mill and house	**
40149	Langford Cut	*
8014	Langford Water Treatment Works	****
40154, 38961	Langford Mill and Cut terminus	**
38956, 38955	Langford Lock and bridge	**
38252	Chapman's bridge	**
38245, 40232	Heybridge Mill and house	*
15304	Bentall's Warehouse	**
40192	Heybridge Hall bridge	**
38303	Sea lock and house	**



**SITE NAME** Springfield basin

**TYPE** Wharf

**DATE** Late 18th to 20th century

**NGR** TL7140006700

**EHCR** 40001 to 40006

**NMR**

**PARISH** Chelmsford

**DISTRICT** Chelmsford

**SITE DESCRIPTION** In the first half of the 19th century the western extent of the Navigation was surrounded by warehouses, lime kilns, maltings, an iron foundry, and the first gas-works in Essex (constructed by Richard Coates). A painting by A. Bennett-Bamford (1906) shows brick and weather-boarded warehouses and an oast house on the south side of the water basin.

The water basin narrows to the southeast of the wharves to enter the navigation cut. The basin is supplied by water diverted from the River Chelmer, south of the Springfield (Treen) road bridge, which flows east, then south, then east under Wharf Road. Immediately to the north side of Wharf Road, at the water culvert under the road, there is 19th century brick walling at low level by the concrete sluice. A plaque records that the Navigation was opened in 1793 and restored by the Inland Waterway Association in 1993. The Basin wharf copings at the water edge (of Dundee stone) are supported on brick embankments. Cement-filled holes along the wharf-edge mark the former sites of bollards/cranes. The area to the northwest, north and southwest has been developed with new housing.

The principal surviving buildings are:-

At the north corner of the basin, a timber **warehouse (40001)** on brick plinth, 19th century, single storey, gable ends, blue slate roof with red tile ridge. Inserted double doors on the north giving access to the wharf. Break in the brick plinth on the south marks the former opening to the water to take goods from barges, now blocked.

An area to the south of the basin contains early and mid-20th century **sheds (40002)**, single storey, brick with asbestos roofing, gable ends, pier and panel construction, now in industrial and commercial use. Red brick building with tile roof, gable end, single window facing the water.

Larger red brick **warehouse (40003)** to the south of 40002 asbestos roof, single pitch roof, 20th century.

Steel and brick timber **yard buildings (40004)** on northeast of water wharf.

Early 20th century **warehouse (40005)** converted to new uses. Yellow stock brick, gable ends, slate roof, nine recessed panels for windows.

Two storey brick L-shaped **dwelling (40006)**, projecting gable to road, timber-framed porch in angle of L. Mid to late 19th century.

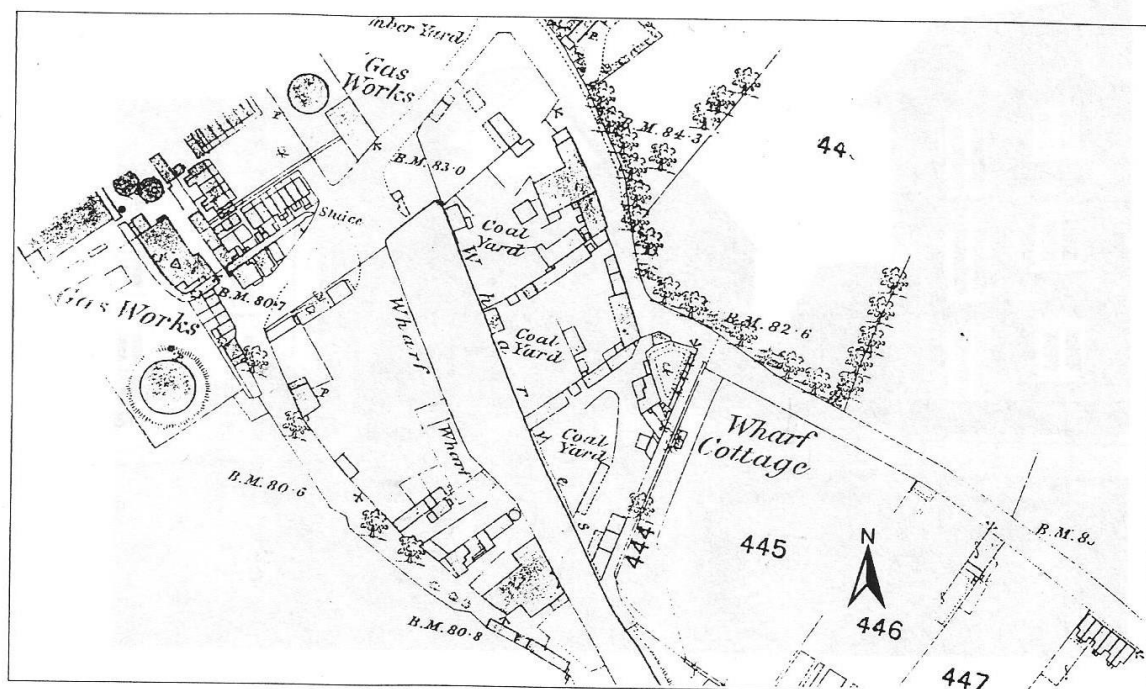
**CURRENT STATUS** Conservation Area.

**RECOMMENDED ACTION** Although many buildings have gone, some early 19th century elements may survive and should be preserved. Any future development should be preceded by an archaeological impact assessment. All buildings merit at least some degree of recording. The water basin wharf should be listed grade II.

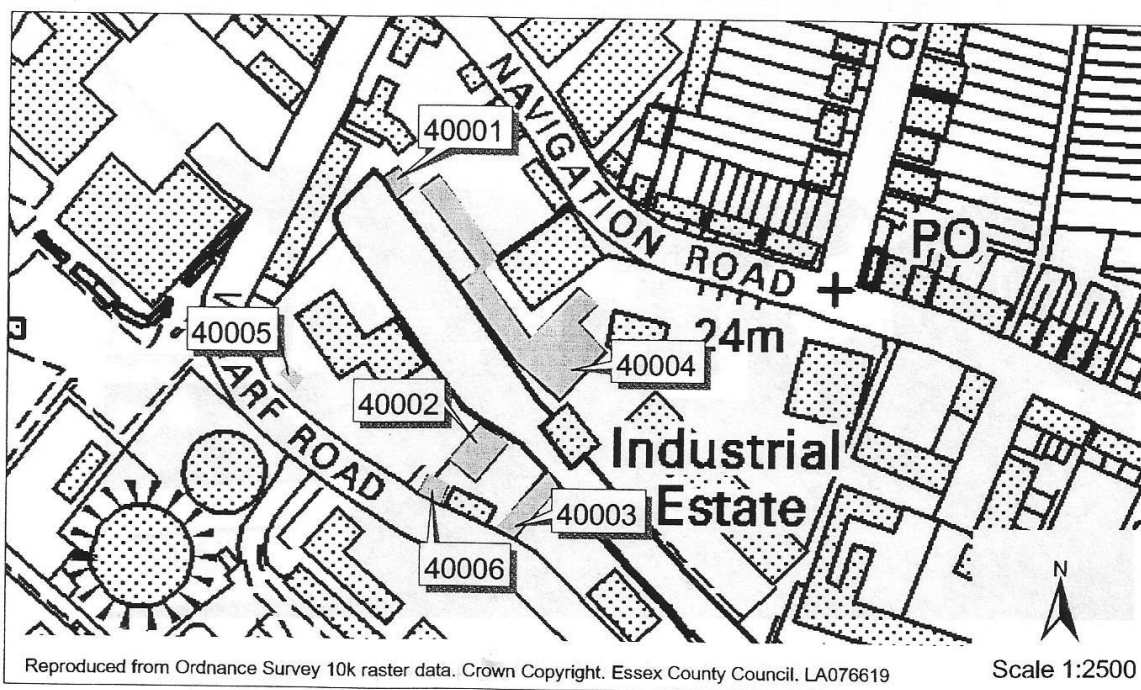
**MANAGEMENT** Part residential, part industrial use of area around the water basin.

## GRADING \*

J. Kemble & S. Gould  
November 1998



Springfield Basin, Chelmsford. OS 1874 25" 1st edition



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Scale 1:2500

Springfield Basin, Chelmsford c.1998





40001 Warehouse, Springfield Basin, from S. (NP 10/01)



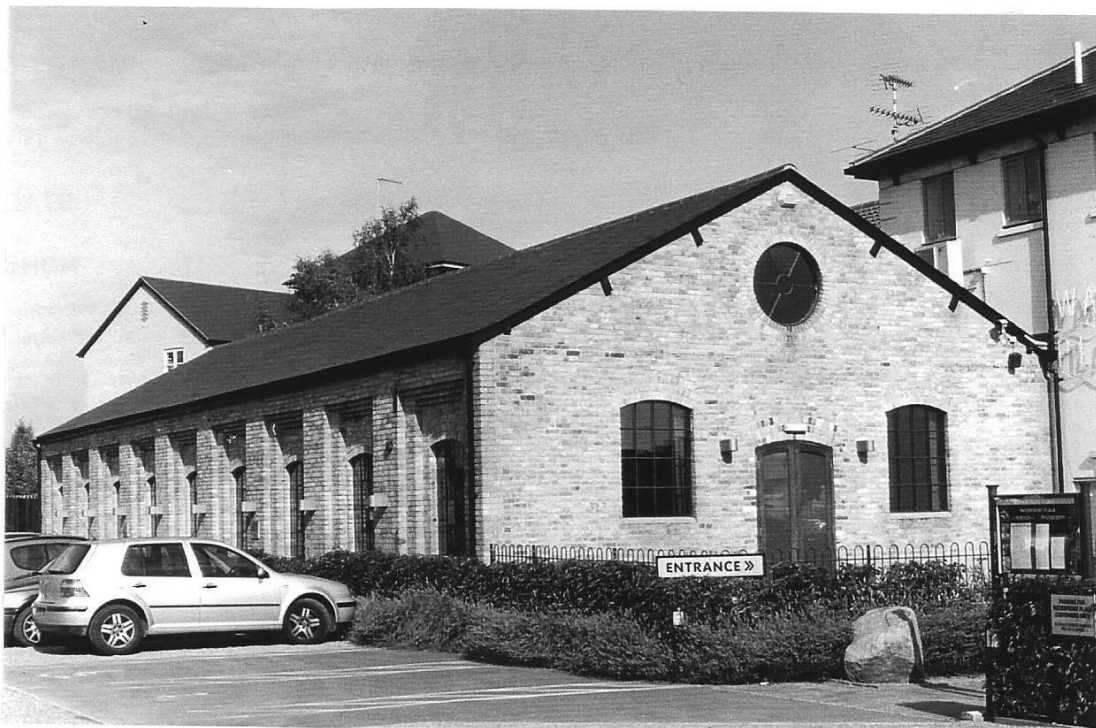
40002 Sheds, Springfield Basin, from S. (NP 10/01)



40003 Warehouse, Springfield Basin, from S. (NP 10/01)



40004 Timber yard buildings, Springfield Basin, from W. (NP 10/01)



40005 Warehouse, Springfield Basin, from S. (NP 10/01)



40006 Dwelling, Springfield Basin, from S. (NP 10/01)

**SITE NAME** Springfield Lock and accommodation bridge

**TYPE** Lock and accommodation bridge

**DATE** c.1797

**NGR** TL7171206293

**EHCR** 31596 (lock), 31493 (bridge)

**NMR**

**PARISH** Chelmsford

**DISTRICT** Chelmsford

**SITE DESCRIPTION** The **pound lock (31596)**, 21m (68 feet) long x 5.2m (17 feet) wide, consists of a brick-lined chamber with granite coping stones. Upper and lower paired gates with balance beams, side wall paddles bypass the upper gates, gate paddles in lower gates. Cofferdam stop locks above and below.

The **bridge (31493)** sited immediately below the lower gates is single span, English garden bond red brick, with stone coping. The brick parapet above a string of three courses of projecting red brick has been wholly renewed on western side and partly on eastern side. Built c.1797.

**CURRENT STATUS** Conservation Area. Listed grade II: lock No 7/251; bridge listed No 7/145.

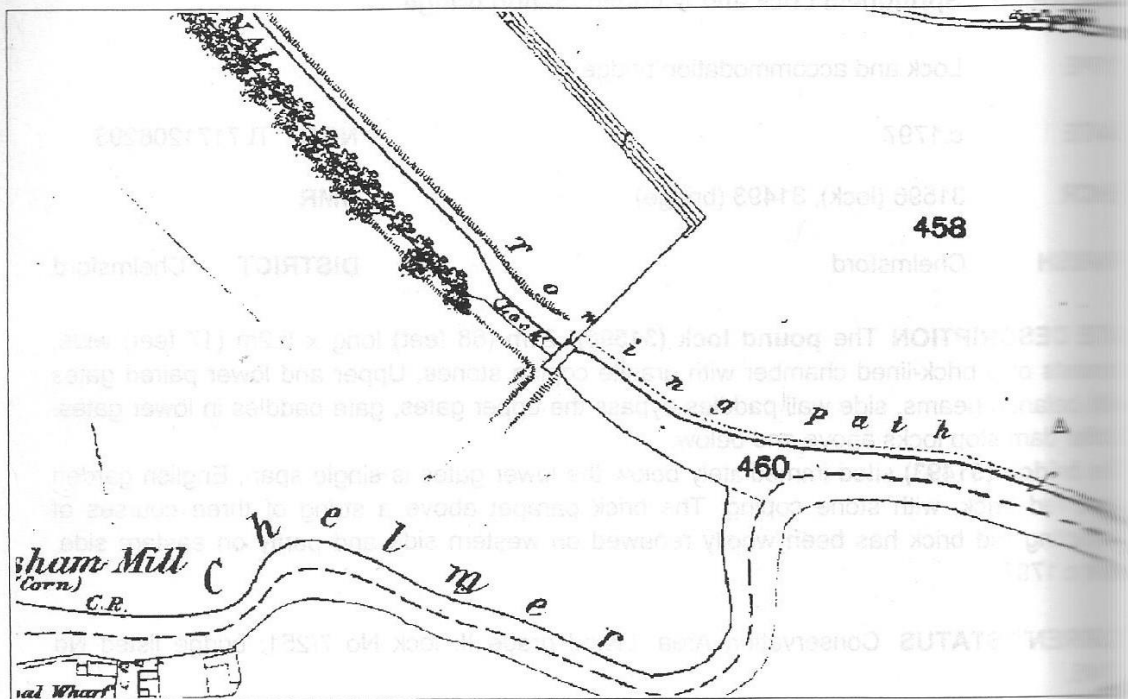
**RECOMMENDED ACTION** Retain present status.

**MANAGEMENT** Lock in good condition. The carriageway of the bridge has recently been re-laid with brick cobbling. Re-pointing of the bridge with cement has resulted in brick cracking, re-pointing is needed using lime mortar.

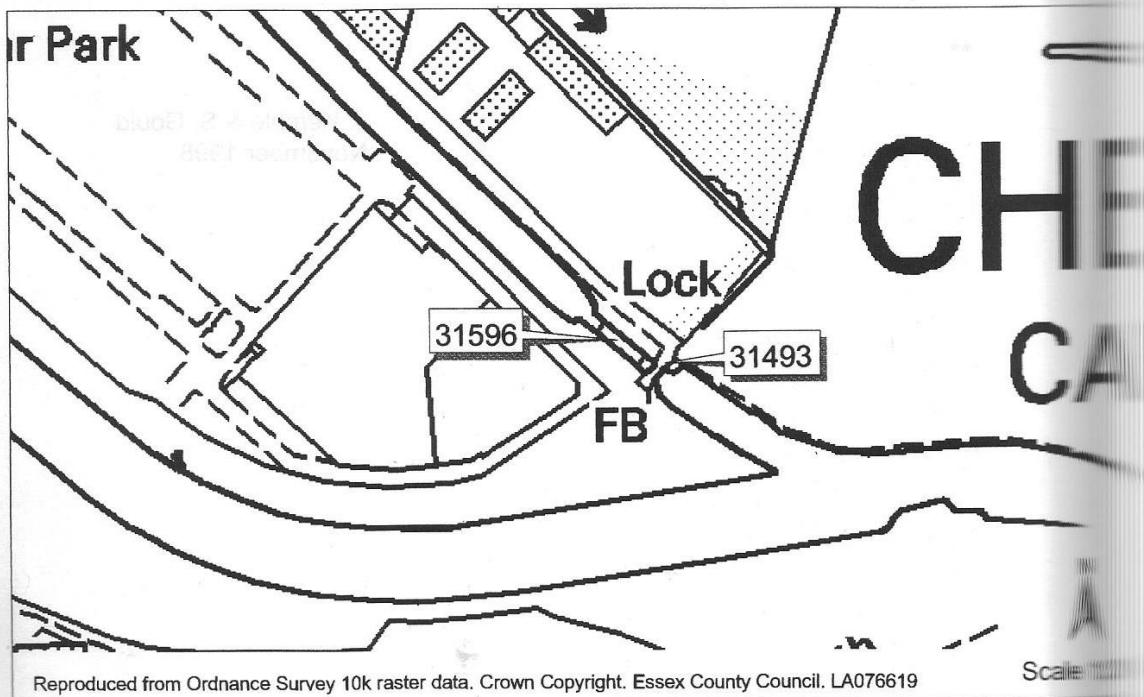
**GRADE** \*\*

J. Kemble & S. Gould  
November 1998





Springfield Lock, Chelmsford. OS 1874 25" 1st edition (not to scale)



Springfield Lock, Chelmsford c.1998





31596 Springfield Lock, from E. (JK & SG 11/98)



31493 Accommodation bridge, Springfield Lock, from E. (NP 10/01)

**SITE NAME** Moulsham Mill

**TYPE** Mill and mill house

**DATE** 18th century

**NGR** TL7149006170

**EHCR** 15084 (mill), 31573 (mill house)

**NMR**

**PARISH** Chelmsford

**DISTRICT** Chelmsford

**SITE DESCRIPTION** The first documented reference to Moulsham Mill is in 1382. In 1534 the Abbot of Westminster leased the mill to John Longe for 18 years and after the Dissolution it was acquired by Thomas Mildmay, Auditor to Henry VIII. Though Walker's map of 1591 clearly shows the mill on the River Can, it must have also controlled the flow of the Chelmer as Mildmay was accused in 1547 of causing flooding at Springfield Mill on the Chelmer by obstructing the out-flow. It was leased to the Strutts from 1667 to 1767. In 1792 it was owned by Dame Anne Mildmay when the miller was Abraham Bullen. By 1805 Robert Eden a nephew of Abraham Bullen was selling coal from the mill and in 1823 Lowe and Thorn were coal merchants here. Joseph Marriage junior was occupier from 1841 until later in the century when William and Henry Marriage, millers and coal merchants, took over. Renovations carried out in 1891 revealed a beam inscribed John Strutt built this mill 1716. Latterly it had 2 pairs of French burr mill stones and was converted to electric power.

The **mill (15084)** is weatherboarded on a brick base, four storeys with lucum, slate roof. The mill leat has been filled in, and the mill appears at some 100m from the confluence of the Rivers Can and Chelmer, c.1800. **Mill house (31573)** adjacent to east is red brick in Flemish bond, three storeys, sash windows, roofs hipped and peg-tiled with two stacks, 18th century.

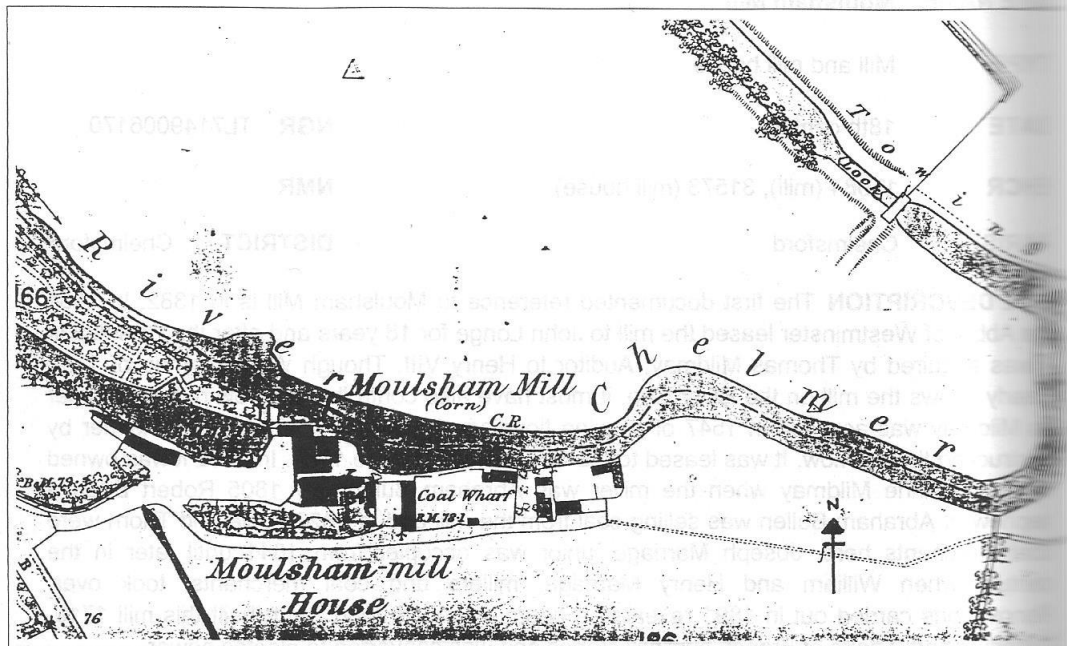
**CURRENT STATUS** Conservation Area. Listed grade II: mill No 7/46; mill house No 7/47.

**RECOMMENDED ACTION** Maintain present listing.

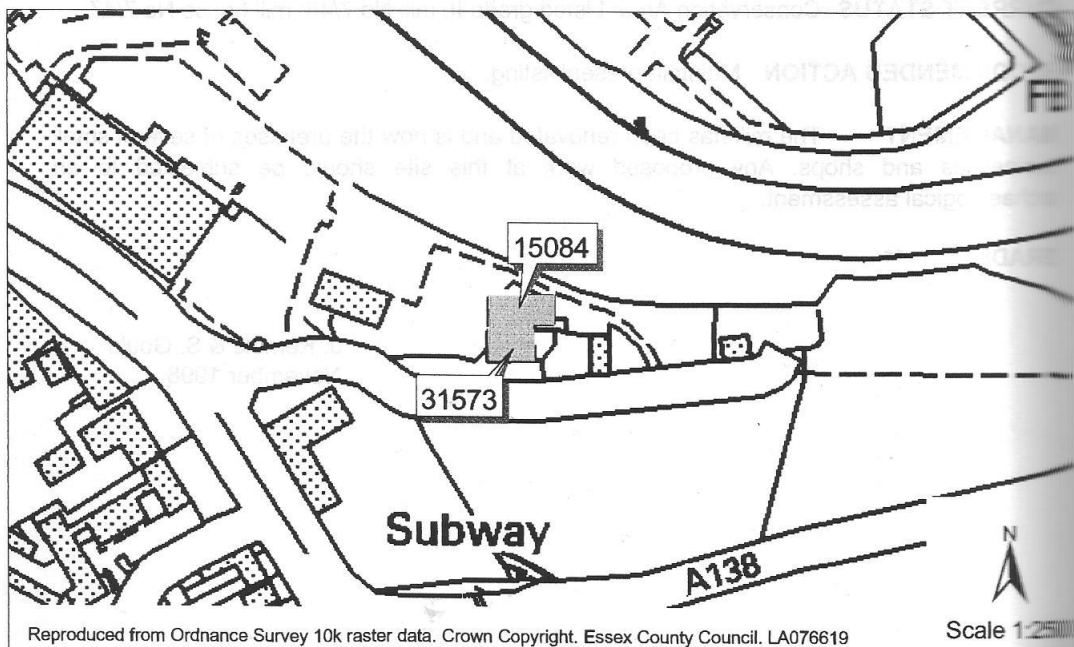
**MANAGEMENT** The mill has been renovated and is now the premises of several small businesses and shops. Any proposed work at this site should be subjected to an archaeological assessment.

**GRADE** \*\*

J. Kemble & S. Gould  
November 1998



Moulsham Mill. OS 1874 25" 1st edition (not to scale)



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Scale 1:25,000

Moulsham Mill c.1998



15084 Moulsham Mill, Chelmsford, from S. (JK & SG 11/98)



31573 Moulsham Mill House, Chelmsford, from E. (JK & SG 11/98)



**SITE NAME** Old A12 (now A138) road bridge

**TYPE** Bridge

**DATE** 1932

**NGR** TL7192806620

**EHCR** 40007

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Concrete single span with approaches over river meadows on pillars. Balustrade has double lamp standards (now lacking the globes). Built 1932.

**CURRENT STATUS** Conservation Area.

**RECOMMENDED ACTION** Good example of mid 20th century architecture. Consider for listing at grade II.

**MANAGEMENT** Separation of the concrete is exposing the steel reinforcement; requires attention.

**GRADING** \*

J. Kemble & S. Gould  
November 1998





**SITE NAME** Old A12 (now A138) road bridge

**TYPE** Bridge

**DATE** 1932

**NGR** TL7192806620

**EHCR** 40007

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Concrete single span with approaches over river meadows on pillars. Balustrade has double lamp standards (now lacking the globes). Built 1932.

**CURRENT STATUS** Conservation Area.

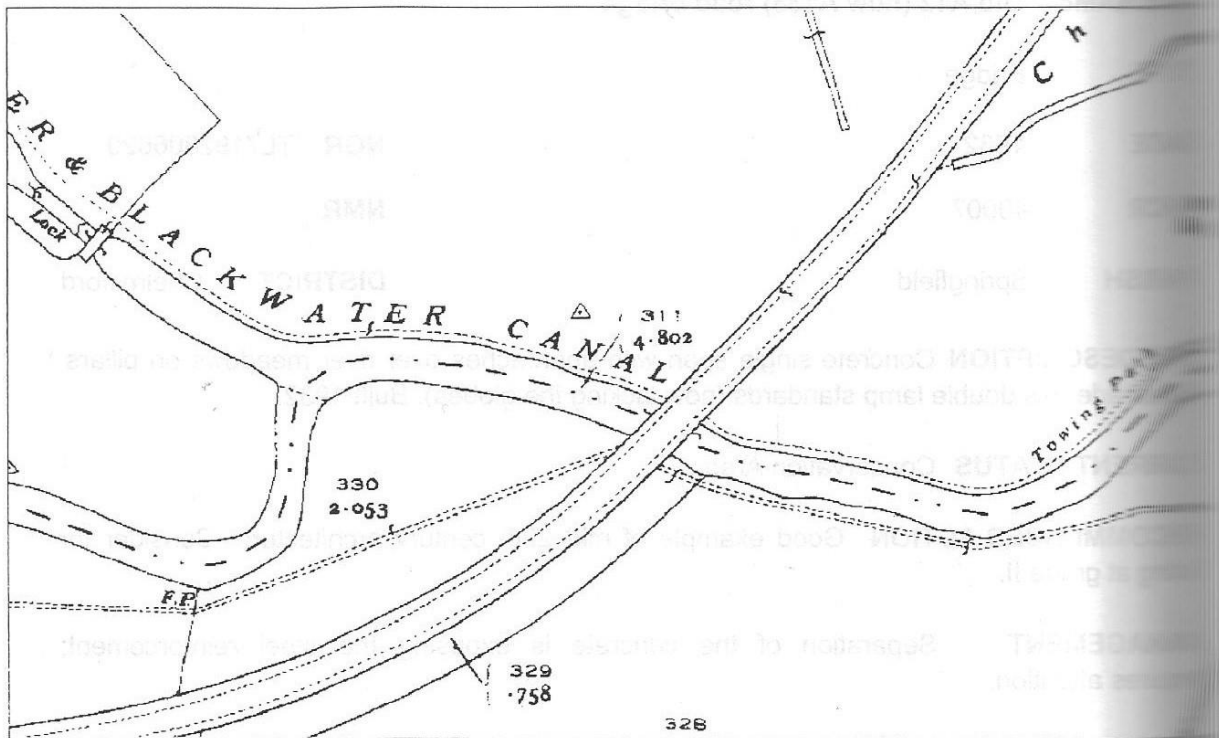
**RECOMMENDED ACTION** Good example of mid 20th century architecture. Consider for listing at grade II.

**MANAGEMENT** Separation of the concrete is exposing the steel reinforcement; requires attention.

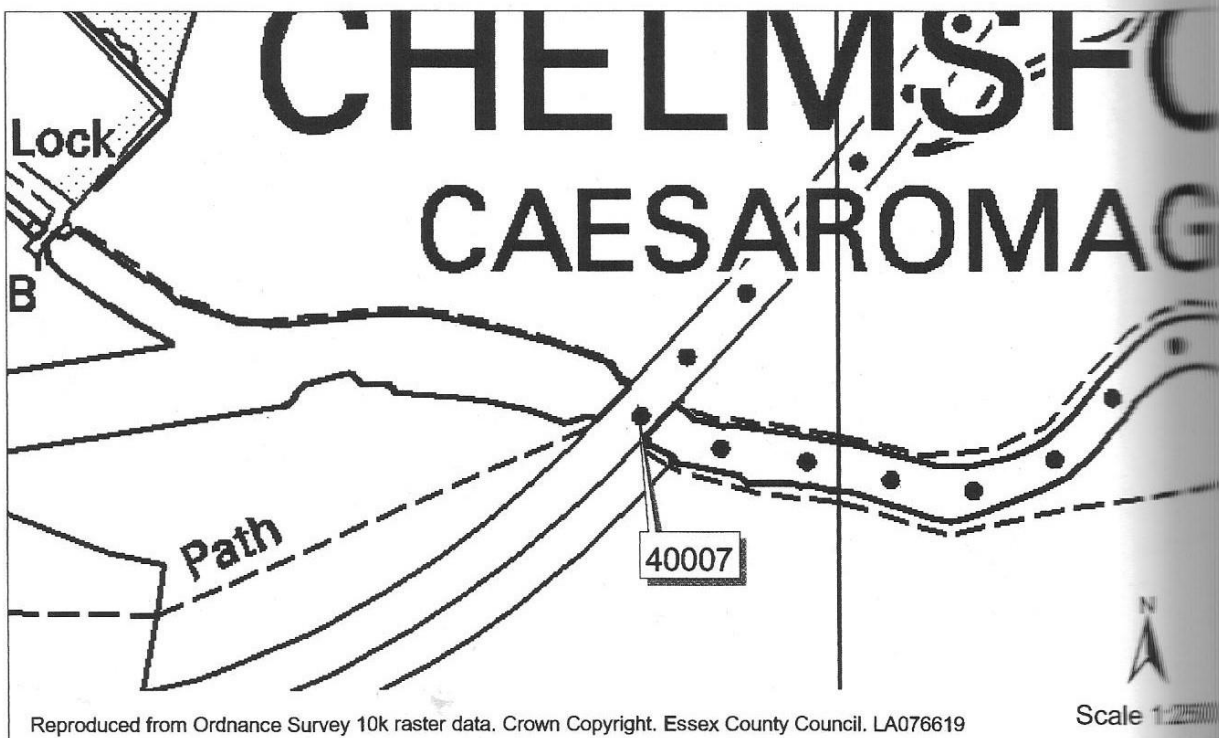
**GRADING** \*

J. Kemble & S. Gould  
November 1998





Old A12 road bridge. OS 1940 25" 4th edition (not to scale)



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Scale 1:25,000

Old A12 road bridge c.1998



40007 Old A12 road bridge, Chelmsford, from W. (NP10/01)

**SITE NAME** Barnes Mill

**TYPE** Mill, mill house and pool

**DATE** c.1800 (mill house earlier)

**NGR** TL7267906520

**EHCR** 31527 (mill), 31526 (mill house),  
40225 (mill race), 40011 (pool)

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** In 1408 Coggeshall Abbey owned the fulling mill. Having been bought by the Mildmay family after the Dissolution, William Mildmay left it to his grandson in 1570, and in 1792 it was occupied by Joseph Marriage when it had four pairs of stones. It remained with the Marriage family, Thomas in 1823, Thomas and Walter in 1848 and Frederick, until 1917. The mill continued in use until 1957 when the shaft broke after which it was converted to electrical power.

Water **feeder ditch (40010)** empties into a 0.65m x 0.65m (2 x 2 feet) stone-lined culvert box **drain (40221)**, 15m north of concrete and metal scaffold **footbridge (40222)** at the separation of the river from the cut to the lock, 6m west of the river bank.

The river feeds the mill lead and the bypass channel which is controlled by a sluice with iron gates in a concrete frame; the Navigation Cut is to the south. **Pool (40011)** for the **mill race (40225)** on the west, south of Barnes farm (31475), collects water from the meadow via a concrete and iron gate sluice; the pool is currently (1998) filled with dead wood resulting in reverse flow through the sluice into the meadow. Course of the head race has been diverted from the mill lead southwards over a weir into a bypass channel west of the mill.

The present **mill building (31527)** is of c.1800, 2 storeys with lucum containing a vertical window to the south, timber framed and boarded on a brick ground storey. Two wheel arches lead into the mill tail. Mansard roof with clay tile and slate. The adjacent **mill house (31526)** on the north is older, two storeys three windows of 6 lights upper, and two windows of 6 lights either side of the columned porch.

The Corn **windmill (40013)** (Tithe 1842, OS 1875), just east of division of the river into the lock lead and the headrace lead had gone by 1897 (OS).

**CURRENT STATUS** Conservation Area. Mill and mill house listed grade II: mill No. 7/49; mill house No. 7/48.

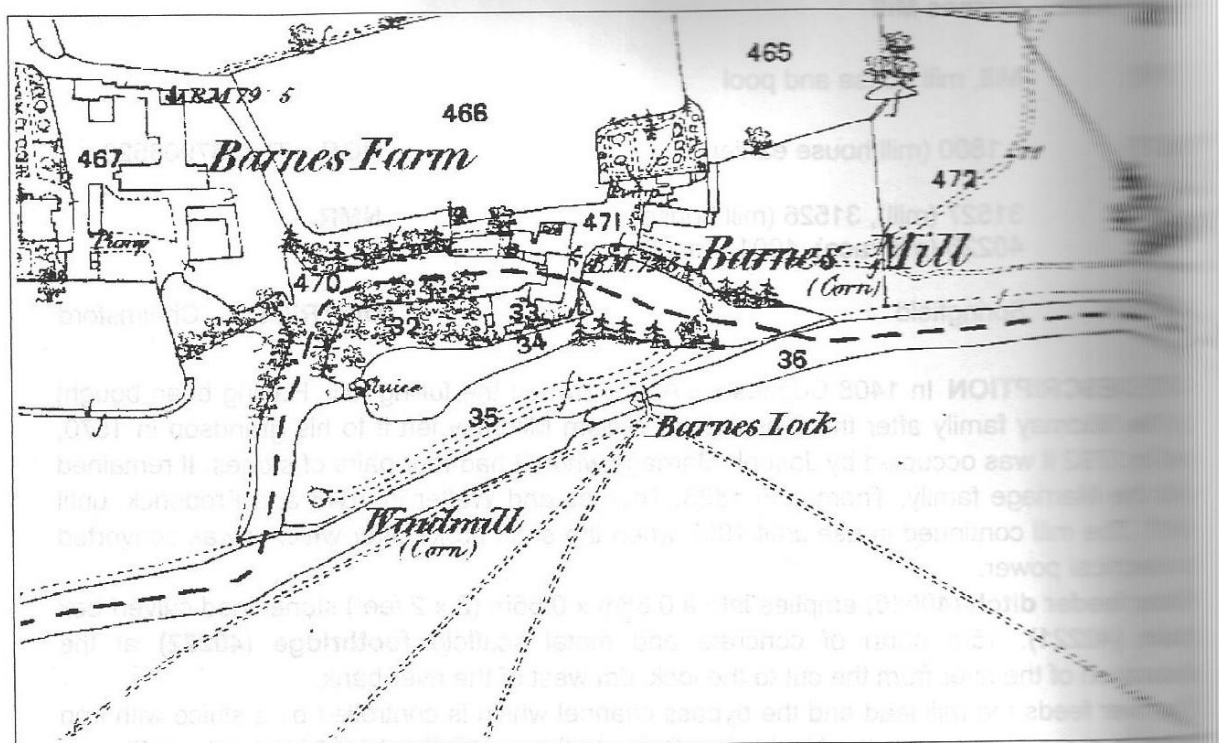
**RECOMMENDED ACTION** Maintain present listing. Any work to the premises and site should be preceded by a full archaeological impact assessment. Preserve feeder system and culvert.

**MANAGEMENT** The mill and mill house have been converted to a dwelling with possible loss of internal features (the ground floor contained a cockpit with water wheel and the first floor had 5 stones in 1957). Structure of mill and adjoining mill dwelling appears sound.

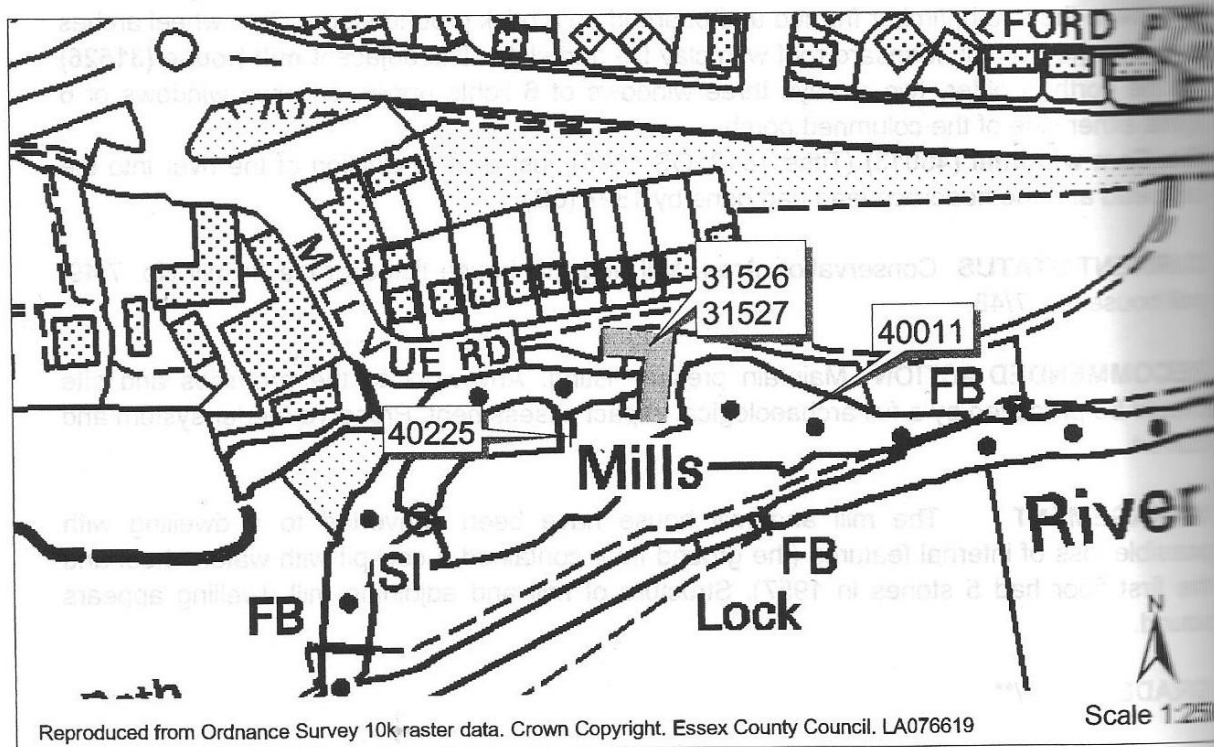
**GRADE** \*/\*\*

J. Kemble & S. Gould  
November 1998





Barnes Mill, Springfield. OS 1880 25" 1st edition (not to scale)



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Scale 1:25,000

Barnes Mill, Springfield c.1998





31526 & 31527 Barnes Mill House and Mill, from N. (JK & SG11/98)



40011 Barnes Mill Pool, from E. (JK & SG11/98)

**SITE NAME** Barnes Mill Lock

**TYPE** Lock, water feeder ditch, culvert drain and footbridges

**DATE** c.1797 and modern

**NGR** TL7270206468

**EHCR** 31011 (lock), 40012, 40223, (footbridges)

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Pound lock (31011) has brick chamber with granite coping stones, two pairs of balanced beam gates, upper side paddles, lower gate paddles. Coffe stop lock grooves above and below.

**Footbridge (40223)** below lower gate modern cast iron. **Footbridge (40012)** between mill race and canal modern cast iron.

**CURRENT STATUS** Conservation Area. Lock listed grade II, No 9/497.

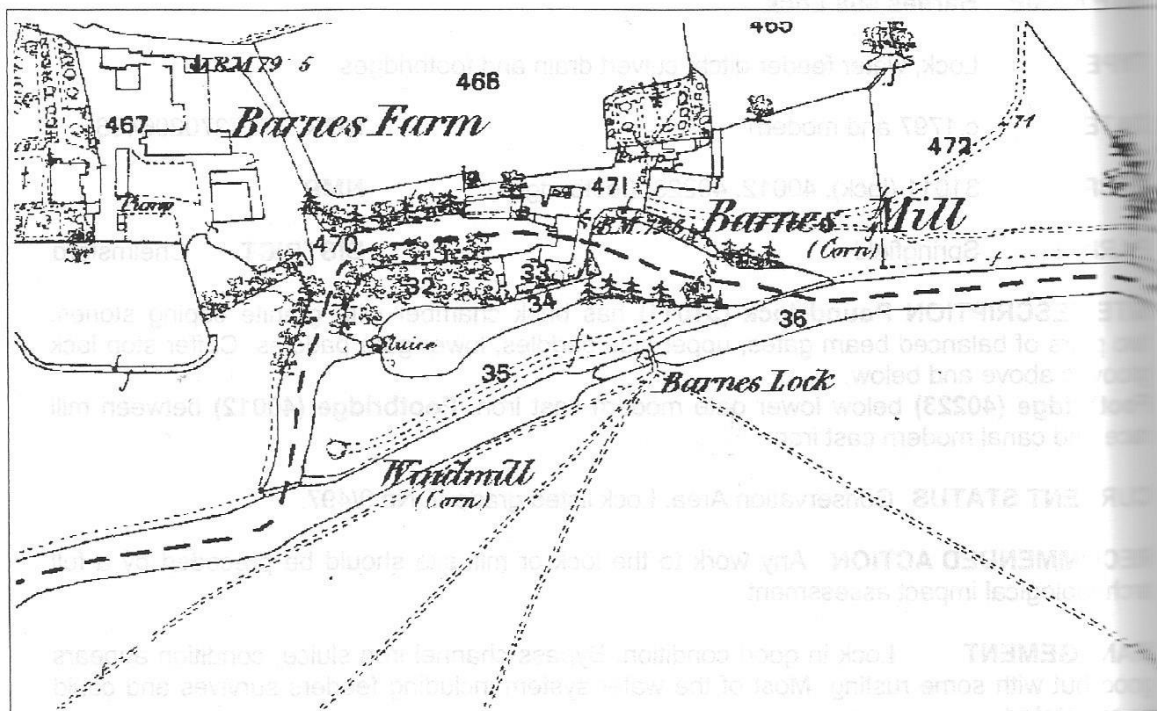
**RECOMMENDED ACTION** Any work to the lock or mill site should be preceded by a full archaeological impact assessment.

**MANAGEMENT** Lock in good condition. Bypass channel iron sluice, condition appears good but with some rusting. Most of the water system including feeders survives and could be reinstated.

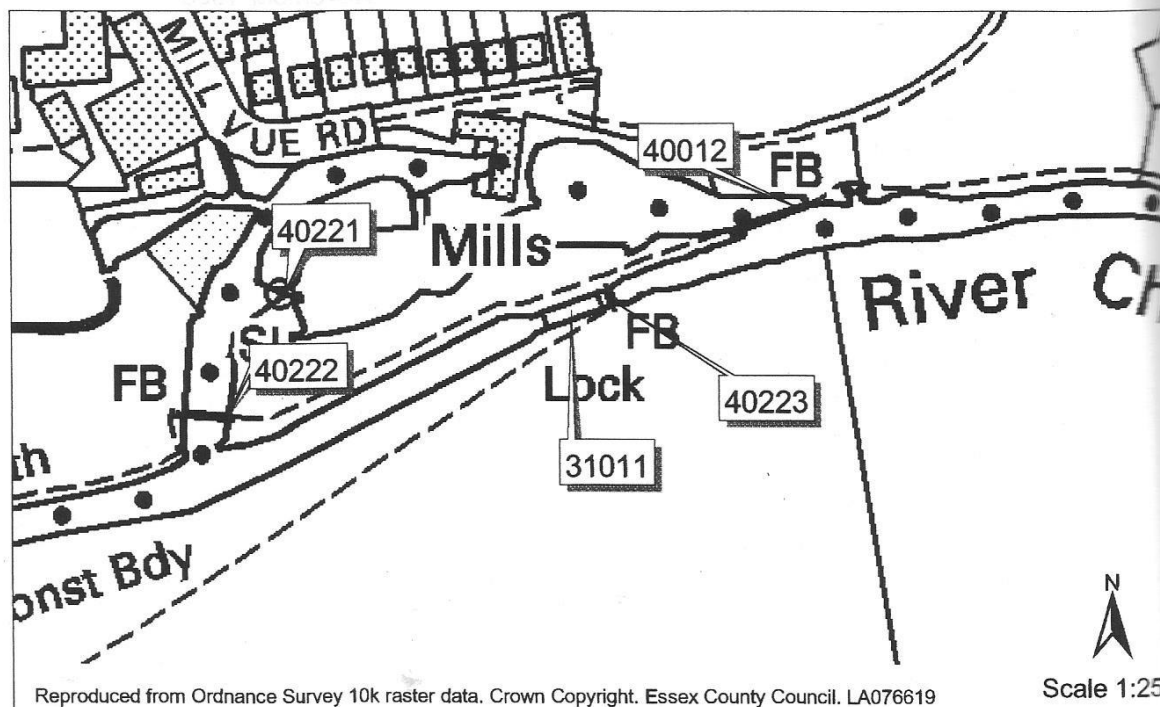
**GRADE** \*\*

J. Kemble & S. Gould  
November 1998





Barnes Mill Lock, Springfield. OS 1880 25" 1st edition (not to scale)



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Scale 1:25,000

Barnes Mill Lock, Springfield c.1998



31011 Barnes Lock, from W. (JK & SG11/98)



40012 Footbridge, Barnes Lock, from S. (NP 10/01)



**SITE NAME** Sandford (Bundocks) Bridge

**TYPE** Bridge

**DATE** c.1796

**NGR** TL7381306196

**EHCR** 31015

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Single span red brick, English garden bond. Three courses of projecting brick below the parapet, stone coping, piers either end. Towpath passes under bridge on western side of Navigation. Road over is metalled. Built c.1796.

**CURRENT STATUS** Conservation Area. Listed grade II, No 9/496.

**RECOMMENDED ACTION** Maintain listing.

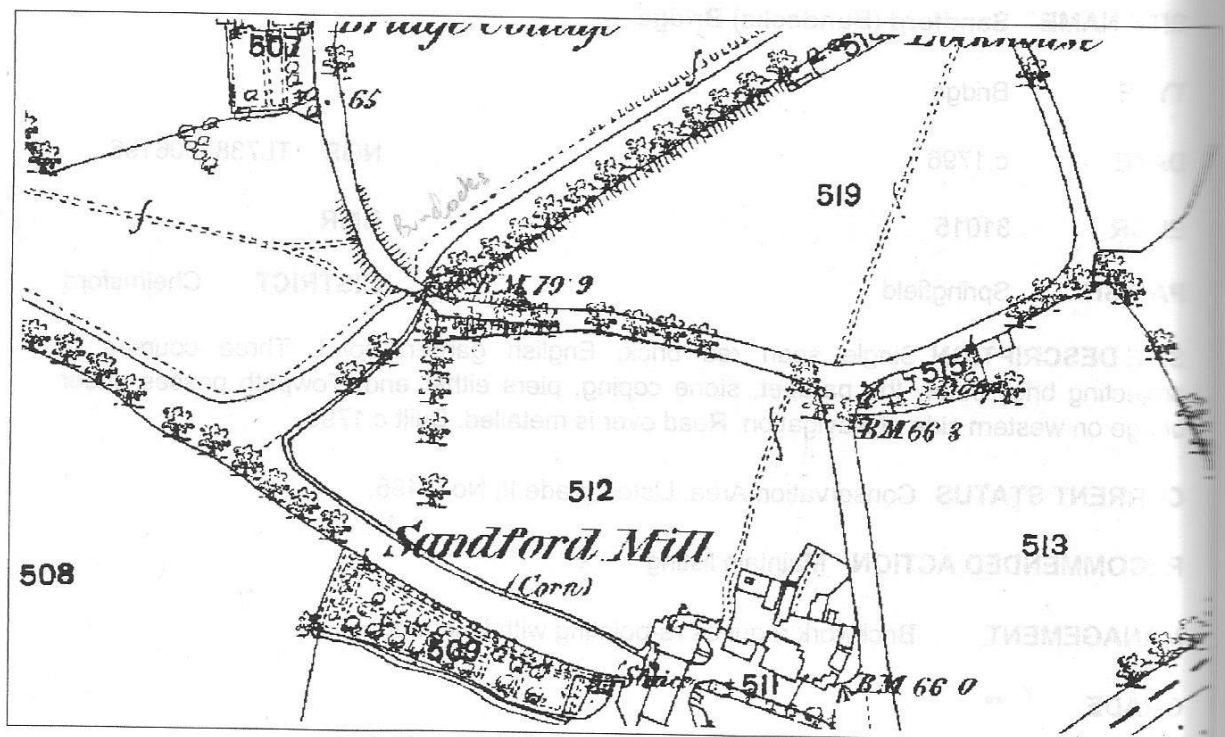
**MANAGEMENT** Brickwork requires re-pointing with lime mortar.

**GRADE** \*\*

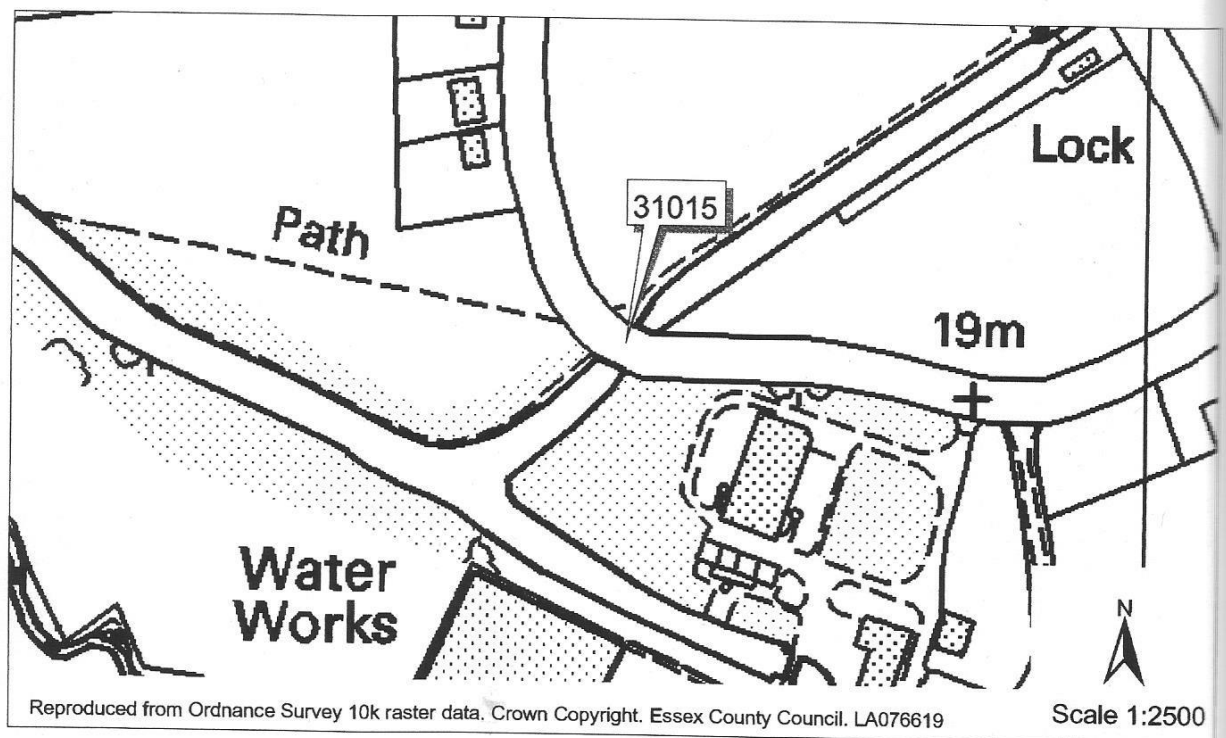
J. Kemble & S. Gould  
November 1998







Bundocks Bridge, Sandford. OS 1880 25" 1st edition (not to scale)



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Scale 1:2500

Bundocks Bridge, Sandford Lock c.1998



31015 Bundocks Bridge, Sandford, from E. (NP 10/01)



**SITE NAME** Sandford Mill

**TYPE** Mill, later waterworks and mill house

**DATE** Mill, before 1792, waterworks from 1924

**NGR** TL7386006150

**EHCR** 15576 (mill) and 40228 (mill house)

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** The mill was owned by Edward Harrington in 1792 when there were four pairs of stones. Thomas Millbank was owner/occupier in 1806 with his executors in possession in 1840 when it was occupied by John Portway who was miller until c.1860, after which it was augmented by steam. By the end of the century Frederick Marriage was trading in coal and chalk. The last miller was John Perry until 1924 when it was bought by Chelmsford Borough Council, demolished, and a new Waterworks built.

The headrace, now blocked, ran through mill which was of four storeys, tiled and weatherboarded. A sluice transfers additional water on south of former **mill (15576)**, red brick building with concrete arms and "Chelmsford Corporation Water Works" on east side, mid 20th century.

On north side, a two storey brick **house (40228)**, twin gable, pantile roof, terracotta dressing around windows at gable apex. Tail race has been diverted and is no longer extant.

**CURRENT STATUS** Conservation Area.

**RECOMMENDED ACTION** Any works on the site or premises should be preceded to an archaeological impact assessment.

**MANAGEMENT** Site is owned by Chelmsford Borough Council and is being developed as a museum.

**GRADE** \*

J. Kemble & S. Gould  
November 1998

For full inventory entry see: "The Public Water Supply Industry in Essex 1850-1939: a study of its history, technology and architecture". Comparative Survey of Modern Archaeological / Architectural Remains in Essex No. 12. (1999).

**SITE NAME** Sandford Lock and road bridge (Brook End Road)

**TYPE** Lock and bridge

**DATE** c.1797

**NGR** TL7397606312

**EHCR** 31016 (lock), 31013 (bridge)

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Navigation Cut some 425m long begins southwest of Bundocks Bridge, bypassing a loop in the river to the south. Former lock house on south of lock now replaced by modern weatherboarded bungalow.

**Lock (31016)** has a brick-lined chamber, granite coping stones. Two pairs of balanced beam gates, upper side-wall paddles, lower gate paddles. Coffin stop lock grooves above and below. The tail-lock **bridge (31013)**, (immediately below the lower gates), is of similar construction to Springfield and Bundocks, but towpath does not pass under bridge, road metalled. Built c.1797.

**CURRENT STATUS** Conservation Area. Listed grade II: lock No. 9/495; bridge No. 9/494.

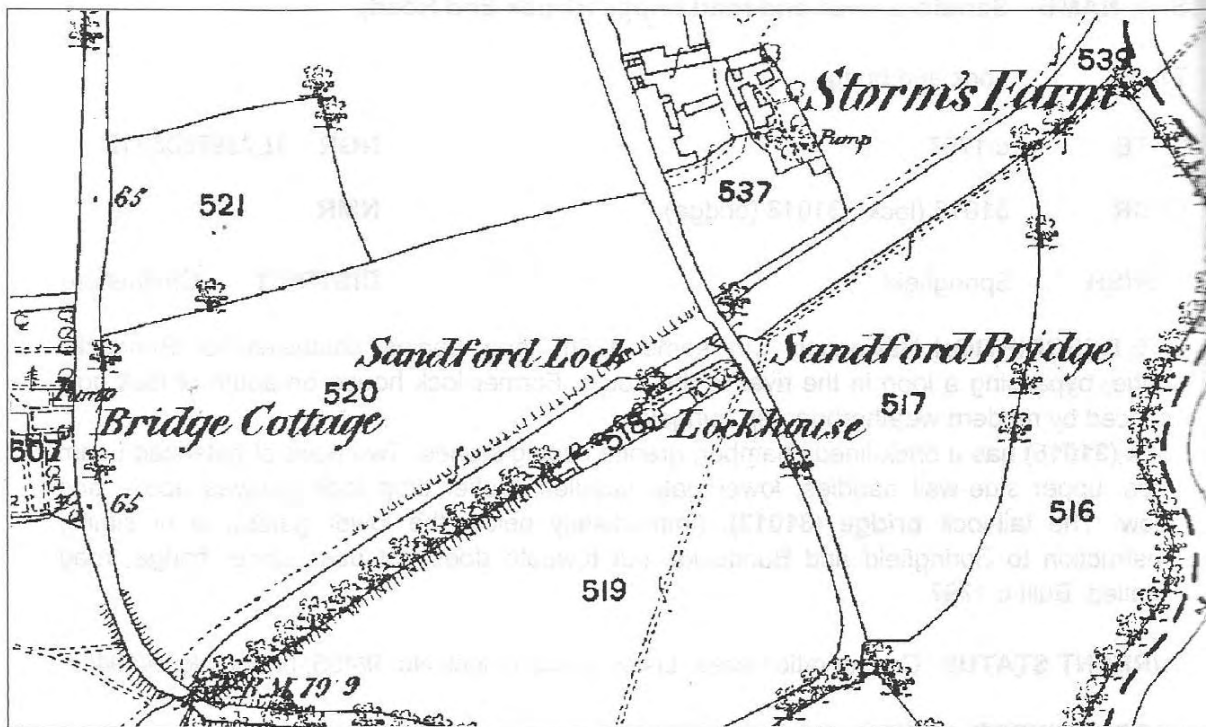
**RECOMMENDED ACTION** Maintain present listing.

**MANAGEMENT** Lock in reasonable repair. Bridge requires lime mortar re-pointing.

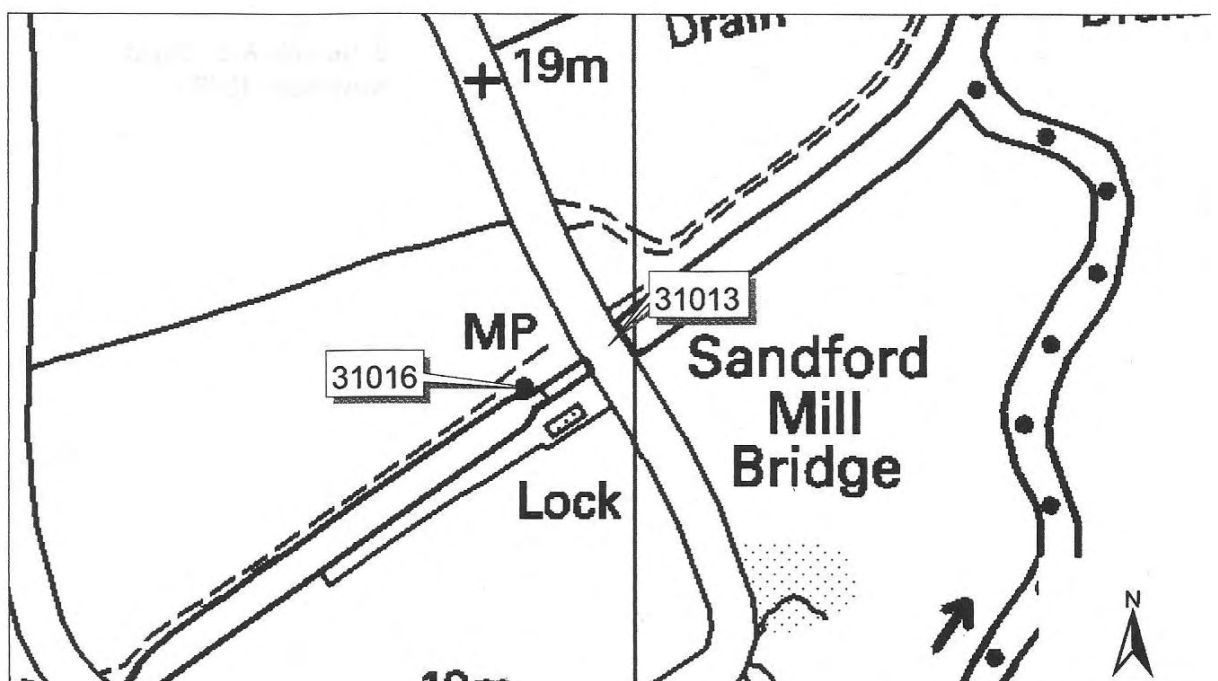
**GRADE** \*\*

J. Kemble & S. Gould  
November 1998





Sandford Lock. OS 1880 25" 1st edition (not to scale)



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Scale 1:2500

Sandford Lock c.1998





31016 Sandford Lock, from W. (NP 10/01)



31013 Sandford road bridge, from E. (NP 10/01)

**SITE NAME** Cuton Lock and weir

**TYPE** Lock, weir and water feeder

**DATE** c.1797

**NGR** TL7428707521

**EHCR** 31014 (lock), 40026 (weir), 10160 (pillbox)  
40027 (water feeder)

**NMR**

**PARISH** Springfield

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Takes its name from Cuton Hall 1km to the northwest (Domesday Book 1086 Keuentuna, ?Cyfa's settlement; Cuton Hall, 1523).

**Lock (31014)** (on the west) has brick-lined chamber, granite copings, 2 pairs of balanced beam gates, gate paddles upper and lower. Coffered stop-lock grooves above and below.

**2nd World War pillbox (10160)** on central island single cell with central pillar, suggests Navigation here crosses the military stop-line.

**Weir (40026)** on east side of island; south embankment is concrete and brick, north embankment is brick. Downstream of weir is a **water feeder (40027)** from east.

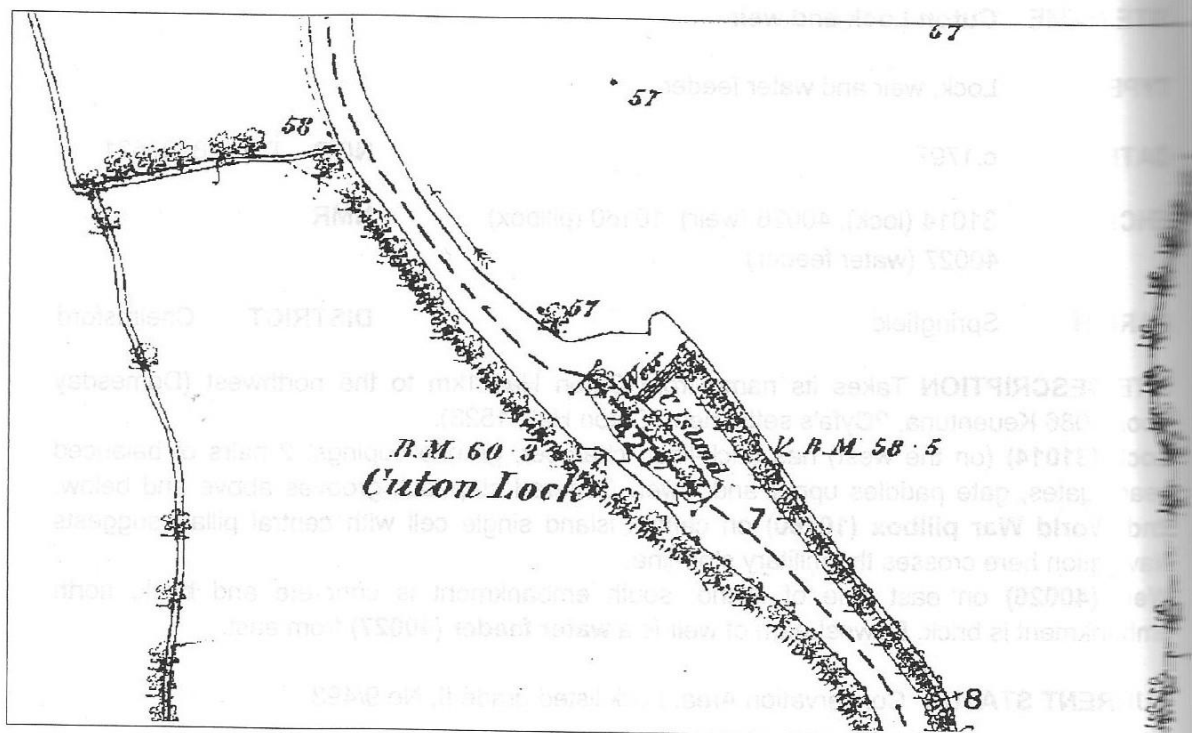
**CURRENT STATUS** Conservation Area. Lock listed grade II, No 9/493.

**RECOMMENDED ACTION** Weir should be considered for listing at grade II.

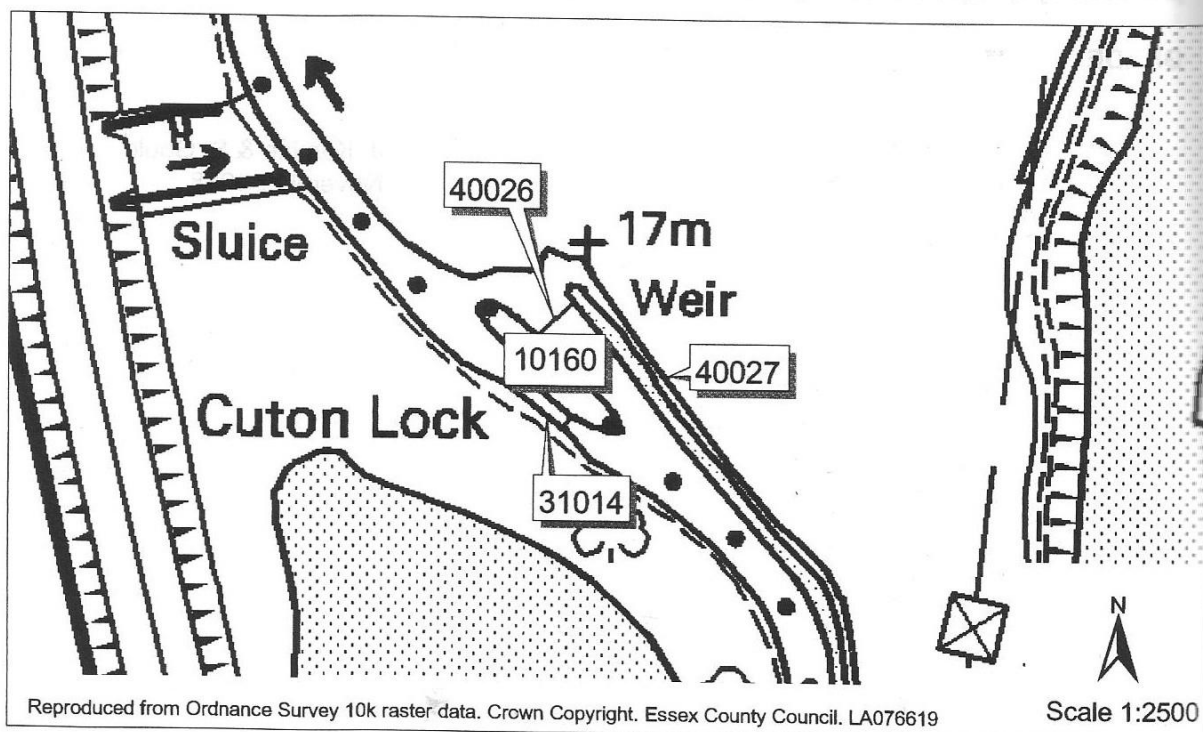
**MANAGEMENT** Lock and pillbox in reasonable condition. Weir brick embankments need immediate conservation to maintain integrity and character. Major works should be preceded by a major archaeological impact assessment.

**GRADE** \*\*

J. Kemble & S. Gould  
November 1998



Cuton Lock. OS 1880 25" 1st edition (not to scale)



Cuton Lock c.1998



31014 & 10160 Cuton Lock and Pillbox. (JK & SG 11/98)



40026 Cuton Lock weir. (JK & SG 11/98)



**SITE NAME** Ston(e)ham's Lock and weir

**TYPE** Lock and weir

**DATE** c.1797

**NGR** TL7510008200

**EHCR** 30312 (lock), 40040 (weir)

**NMR**

**PARISH** Boreham

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Named after Captain Stoneham who in 1777 owned Whitwells Farm (40024) to the south.

**Lock (30312)** on north has brick-lined chamber, granite coping stones, two pairs of balanced beam gates, upper and lower gate paddles, coffer-dam stop-lock grooves above and below.

**Weir (40040)** to the south west is brick-sided, stone and concrete with iron rods. Bricks are frogged suggesting some recent repairs.

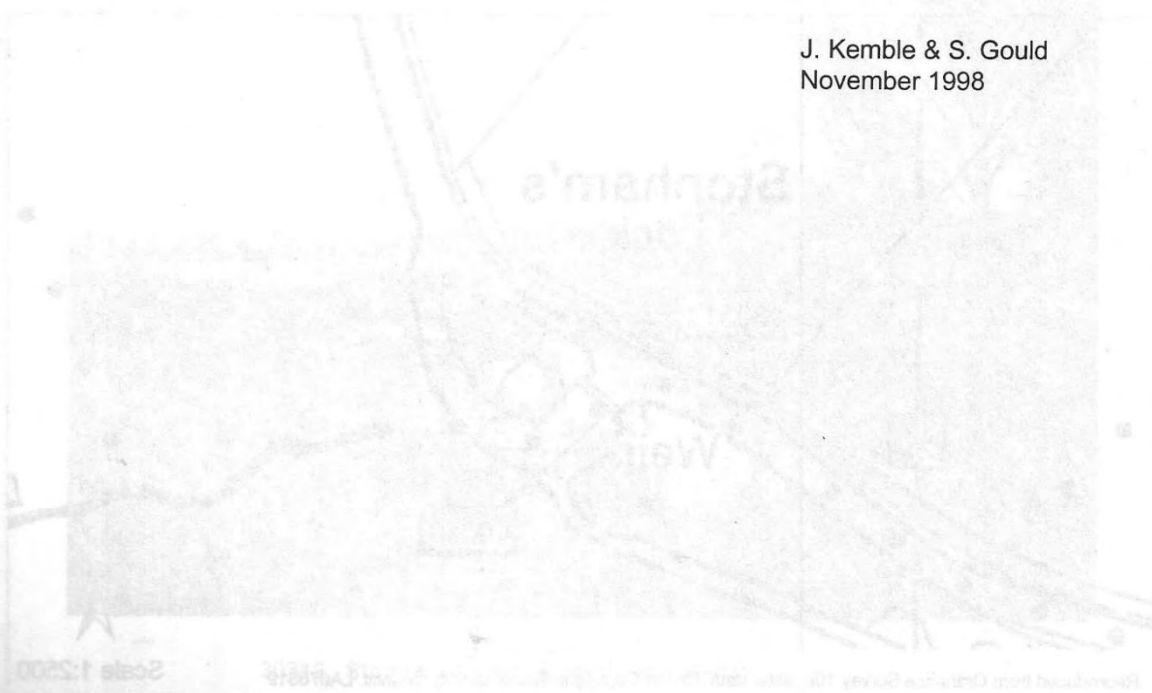
**CURRENT STATUS** Conservation Area. Lock listed Grade II, No 10/336.

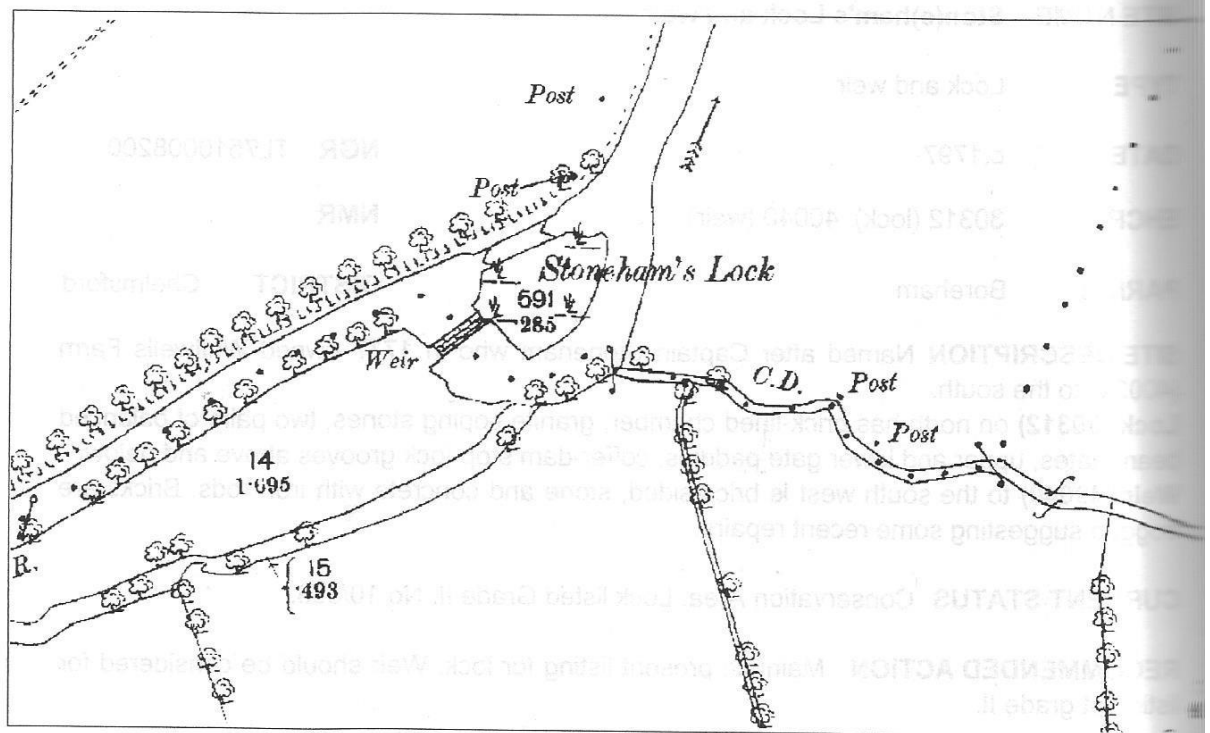
**RECOMMENDED ACTION** Maintain present listing for lock. Weir should be considered for listing at grade II.

**MANAGEMENT** Brick below gates needs attention. Some further work required on weir bricking.

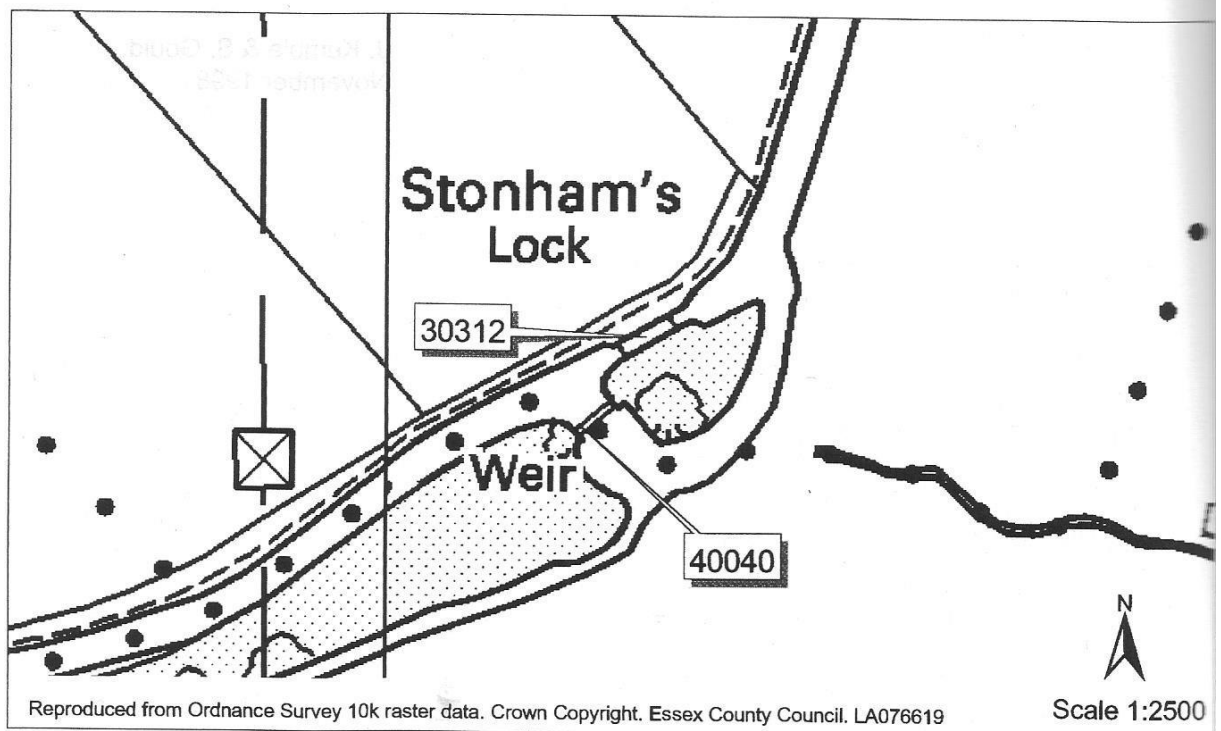
**GRADE** \*\*

J. Kemble & S. Gould  
November 1998





Stonhams Lock. OS 1873 25" 1st edition (not to scale)



Stonhams Lock c.1998



30312 Stonham's Lock, from E. (NP 10/01)



30312 Stonham's Lock, from W. (NP 10/01)

**SITE NAME** Little Baddow Mill Lock

**TYPE** Lock

**DATE** c.1797

**NGR** TL7590008500

**EHCR** 30311

**NMR**

**PARISH** Little Baddow

**DISTRICT** Chelmsford

**SITE DESCRIPTION** Brick-lined chamber with granite copings, two pairs of balanced beam gates. Upper side paddles, lower gate paddles. Cofferdam stop-lock grooves above and below.

**CURRENT STATUS** Conservation Area. Listed Grade II, No 10/335.

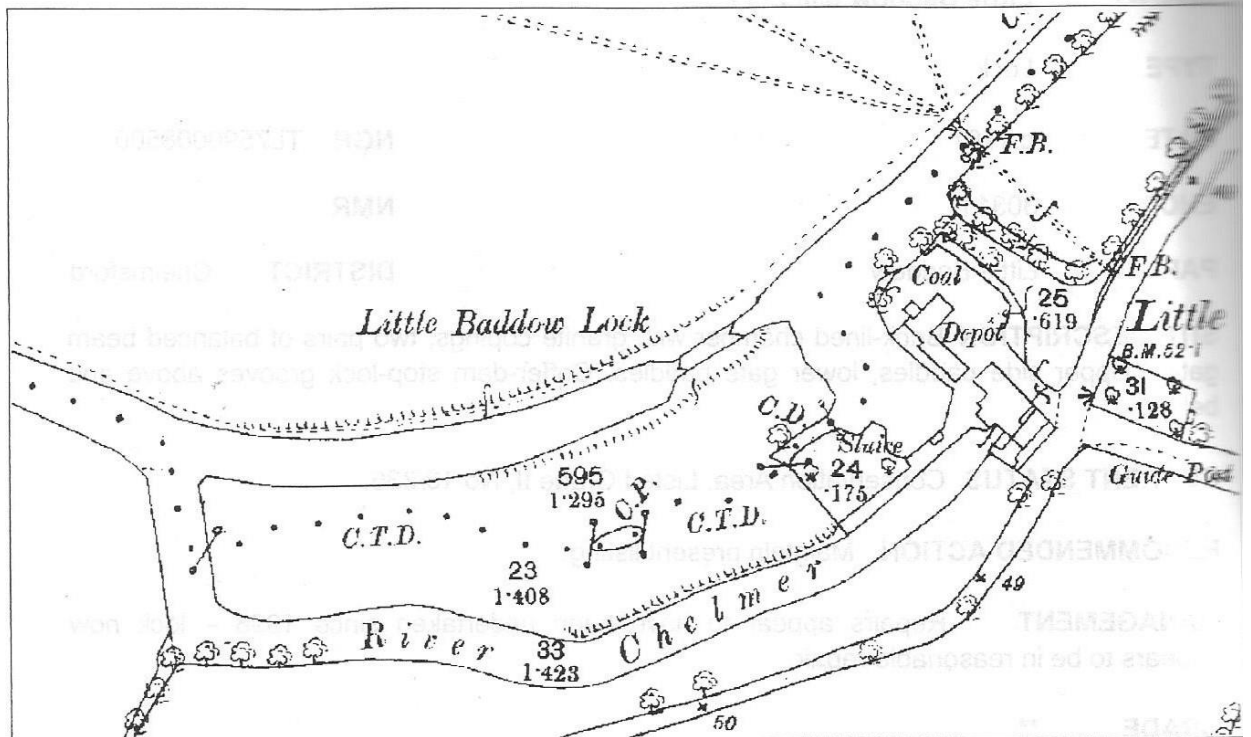
**RECOMMENDED ACTION** Maintain present listing.

**MANAGEMENT** Repairs appear to have been undertaken since 1998 – lock now appears to be in reasonable repair.

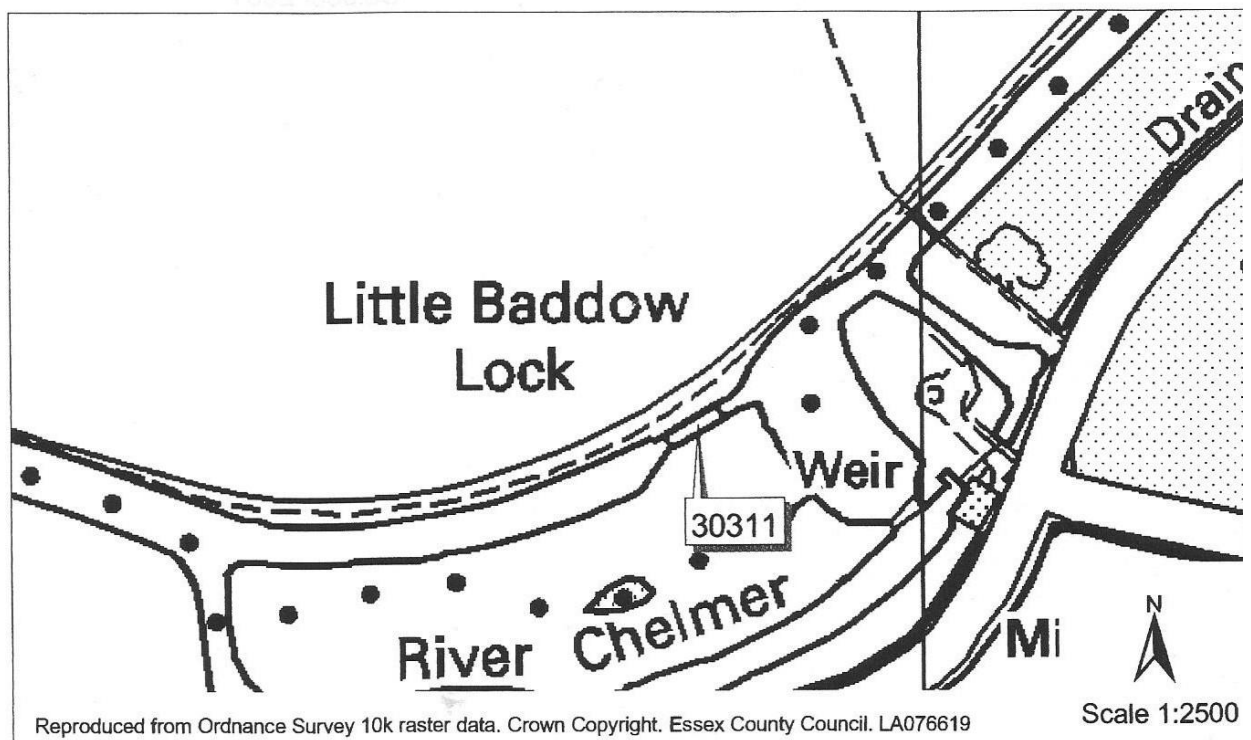
**GRADE** \*\*

J. Kemble & S. Gould  
November 1998  
Nigel Pratt  
October 2001





Little Baddow Lock. OS 1873 25" 1st edition (not to scale)



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Scale 1:2500

Little Baddow Lock c.1998



30311 Little Baddow Lock, from W. (NP 10/01)



30311 Little Baddow Lock, from E. (NP 10/01)

**SITE NAME** Little Baddow (Johnsons) Mill site

**TYPE** Mill (site of), millhouse

**DATE** 1775 to 1893

**NGR** TL7600008400

**EHCR** 40048 (mill), 40234 (House)

**NMR**

**PARISH** Little Baddow

**DISTRICT** Chelmsford

**SITE DESCRIPTION** In 1086 Baddow had two mills. About 1775 the Little Baddow mill was rebuilt and William Johnson bought it in 1777 from Lord Barrington for £2000. In 1811 it was auctioned with land and a residence. It then had three floors and housed five pairs of stones and two breast wheels, with a wharf and coal yard. Between 1827 and 1880 the mill was operated by John Piggot and Agnis as corn and coal merchants, selling also timber, oil, cake and guano fertiliser. Steam power was added c.1860 when a tall chimney tower was built. Edward Morgan bought the mill in 1880 but it was burnt down in 1893. One of the company's directors OC Cramphorn bought the site and sold it to the Proprietors for £450. A house was built on the site and it was sublet to Col Crozier. From 1895 George Smith and later William King carried on a refreshment tea-room and coal wharf business. The mill had occupied the site to the north of the extant house.

The mill wheelpit with technological remains survives behind a low wall beside the iron sluice. **House (40234)** is brick, twin gabled, two storey, windows boarded and currently (1998) unoccupied. Overflow weir and sluice to west.

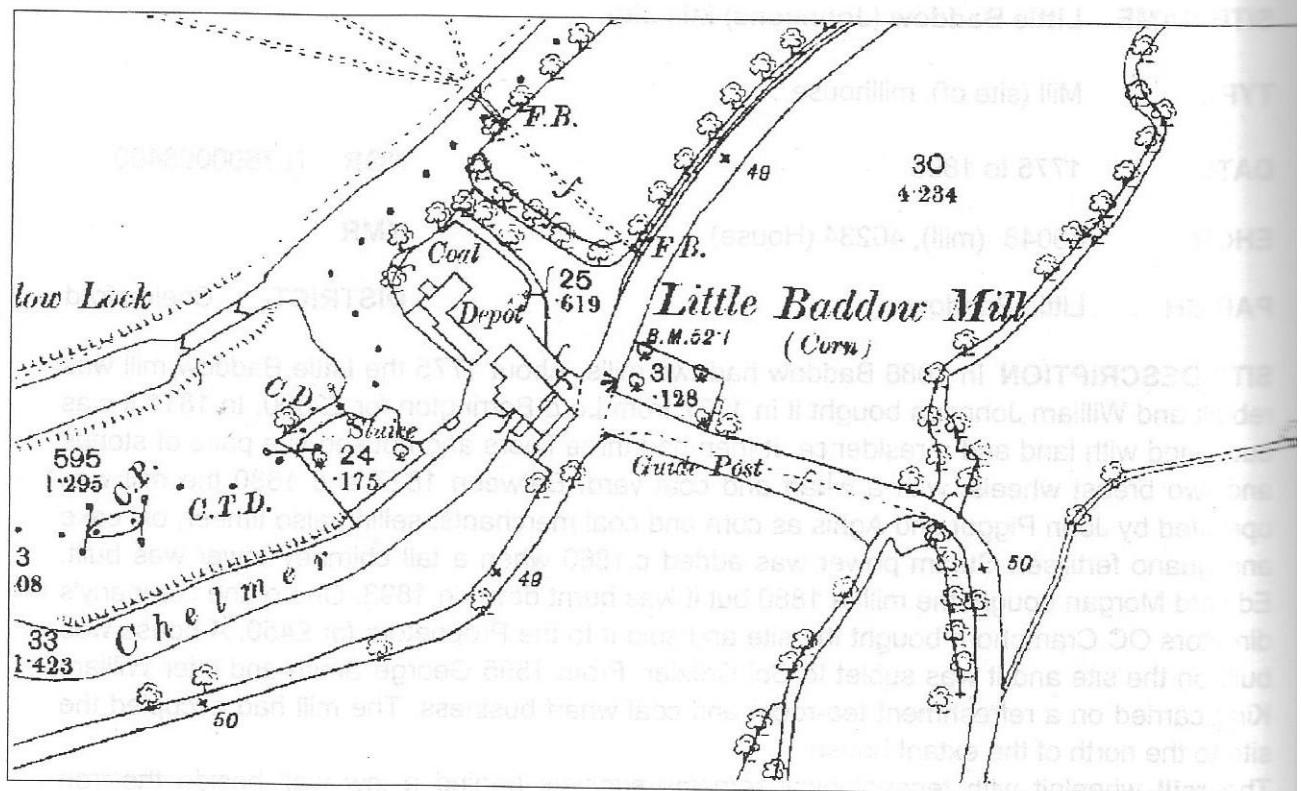
**CURRENT STATUS** Conservation Area.

**RECOMMENDED ACTION** Any works on the site or premises should be preceded by a full archaeological impact assessment. The wheelpit and technological remains should be preserved in situ.

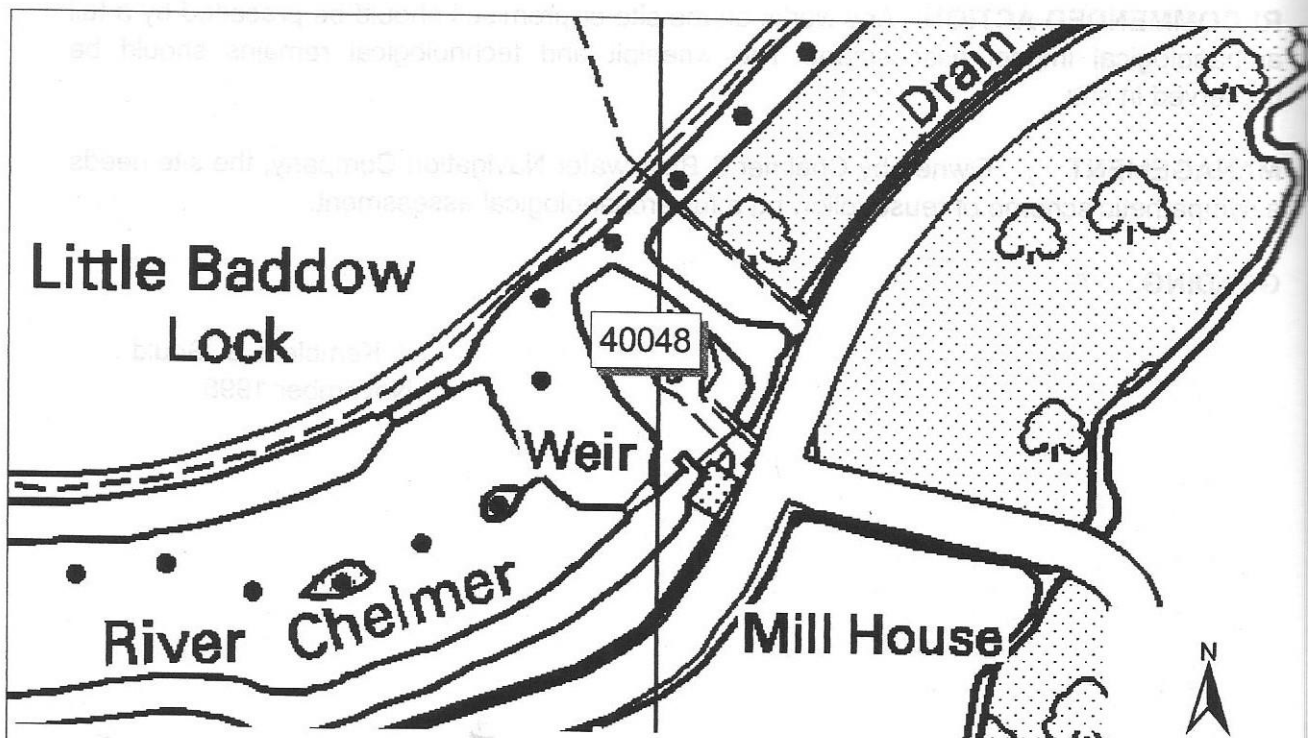
**MANAGEMENT** Owned by Chelmer & Blackwater Navigation Company, the site needs a sympathetic scheme of reuse following a full archaeological assessment.

**GRADING** \*

J. Kemble & S. Gould  
November 1998



Little Baddow Mill. OS 1873 25" 1st edition (not to scale)



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Scale 1:2500

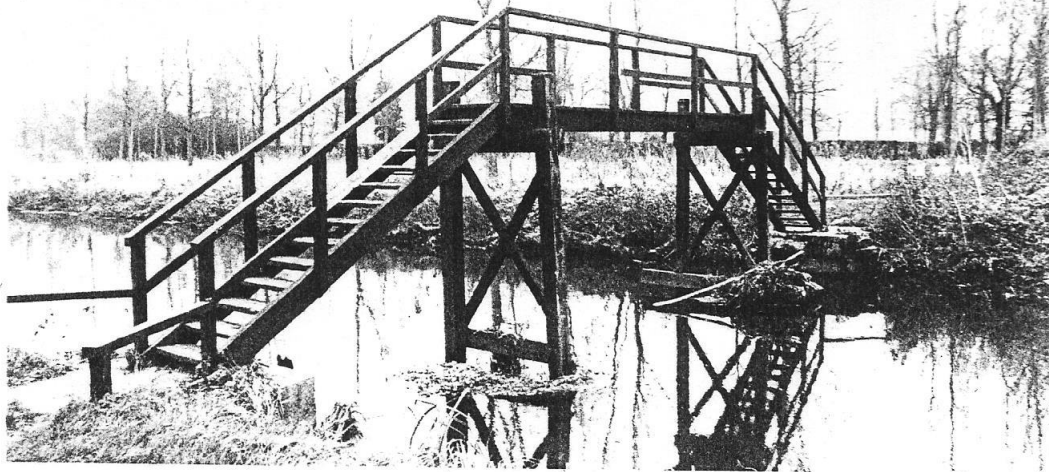




40234 Little Baddow Mill House, from S. (JK & SG 11/98)



40048 Wheel pit, Little Baddow Mill. (JK & SG 11/98)



WOODEN FOOTBRIDGE EAST OF LITTLE BADDOW LOCK  
EHER 40047 TL 760 084

P48C

**SITE NAME** Paper (Husketts) Mill Lock

**TYPE** Lock, bothy, stables and post

**DATE** c.1797 (lock), early 20th century (bothy)

**NGR** TL7760009000

**EHCR** 31012 (lock), 40060 (bothy), 40061 (stables)  
40062 (mooring post)

**NMR**

**PARISH** Little Baddow

**DISTRICT** Chelmsford

**SITE DESCRIPTION** River divides, north arm feeding headrace, south the lock. Island banks recently timber-reverted. On central island, early 20th century single storey red brick **bothy (40060)**, gable ends, slate roof, south elevation (facing lock) wooden door, west elevation sash 4-window light, east and north elevations blind, stack at east. Single storey timber office building to west.

**Lock (31012)** chamber brick-lined with granite copings, 2 pairs of balanced beam gates, gate paddles upper and lower. Cofferdam stop-lock grooves above and below. Overflow weir has been modified; two concrete weirs installed west of earlier weir which is extant but dry.

On south bank of lock, single storey red brick **stables (40061)** (used for storage), irregular bond, slate roof with ridge tiles, end with trefoil decoration; on west, weather-boarded on brick plinth, corrugated roof; stable doors. To east of stables, original cottages replaced by modern brick dwelling.

Fluted octagonal **post (40062)** 0.9m (3ft) high, 20cm (8") diameter on south bank of Navigation 30m below the lock, resembles 40083.

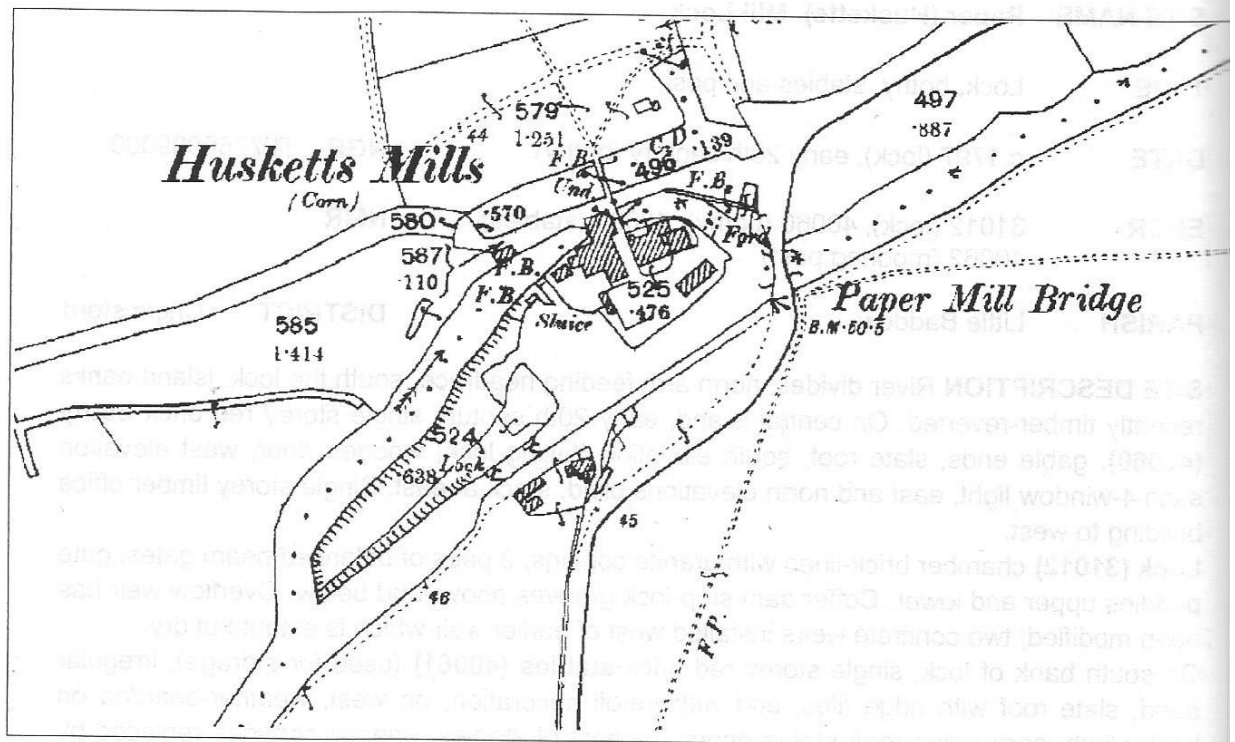
**CURRENT STATUS** Conservation Area. Lock listed grade II, No 10/334.

**RECOMMENDED ACTION** Maintain present listing. Preserve post.

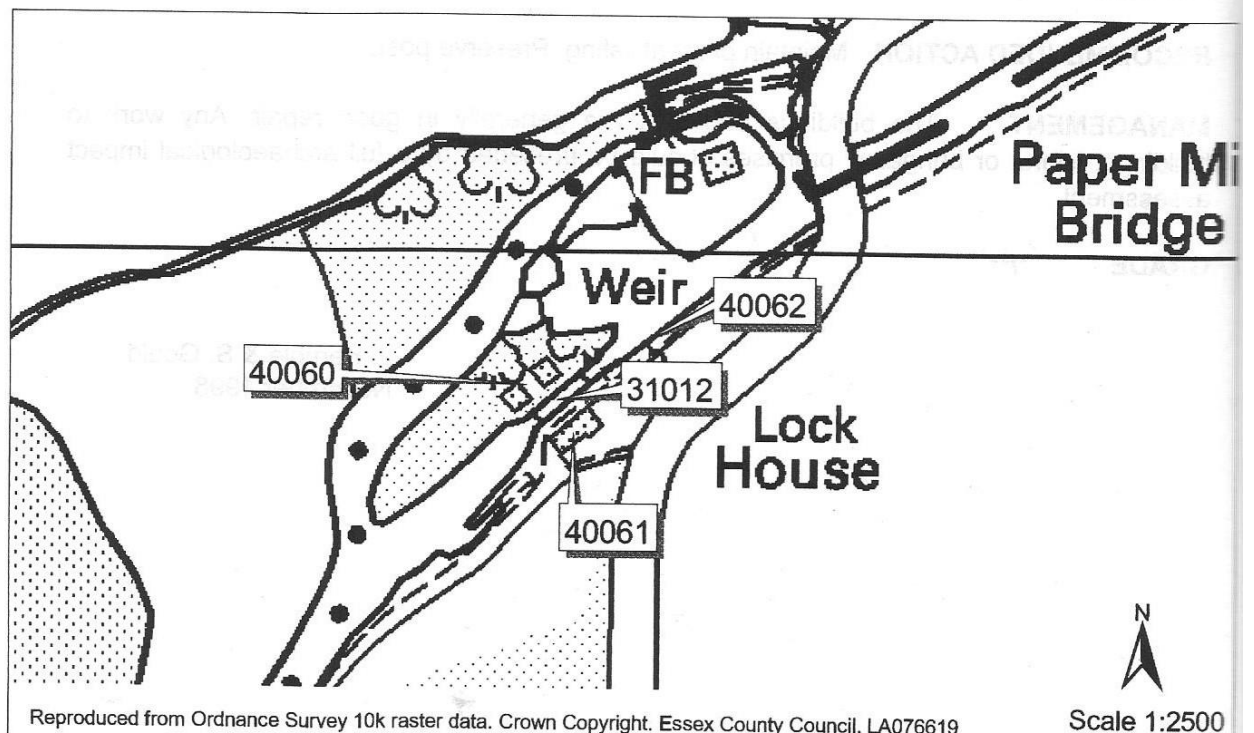
**MANAGEMENT** The buildings and lock are generally in good repair. Any work to buildings, island or bungalow premises should be preceded by a full archaeological impact assessment.

**GRADE** \*\*/\*\*

J. Kemble & S. Gould  
November 1998



Paper Mill Lock. OS 1897 25" 2nd edition (not to scale)



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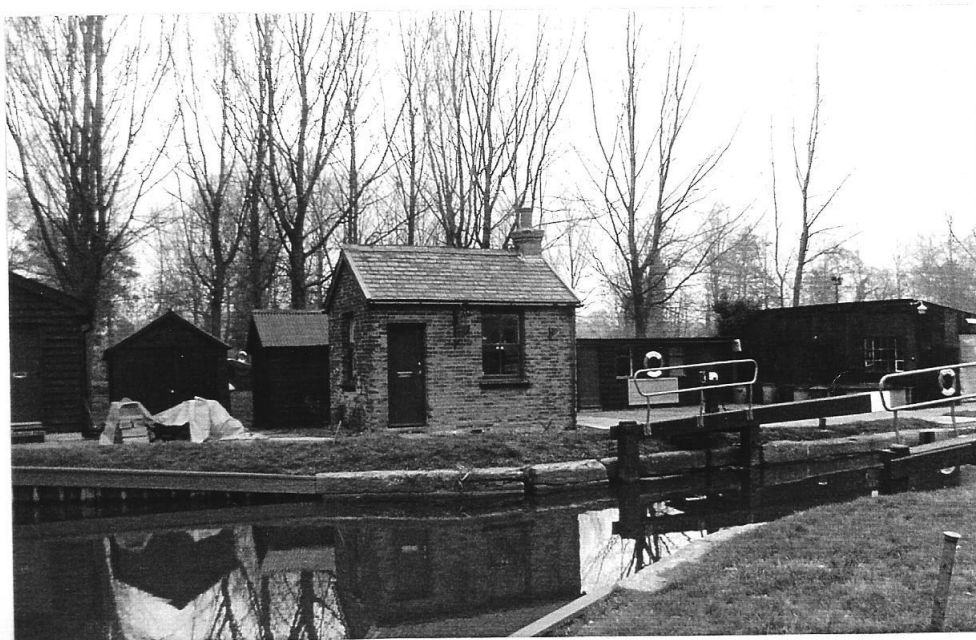
Scale 1:2500

Paper Mill Lock c.1998

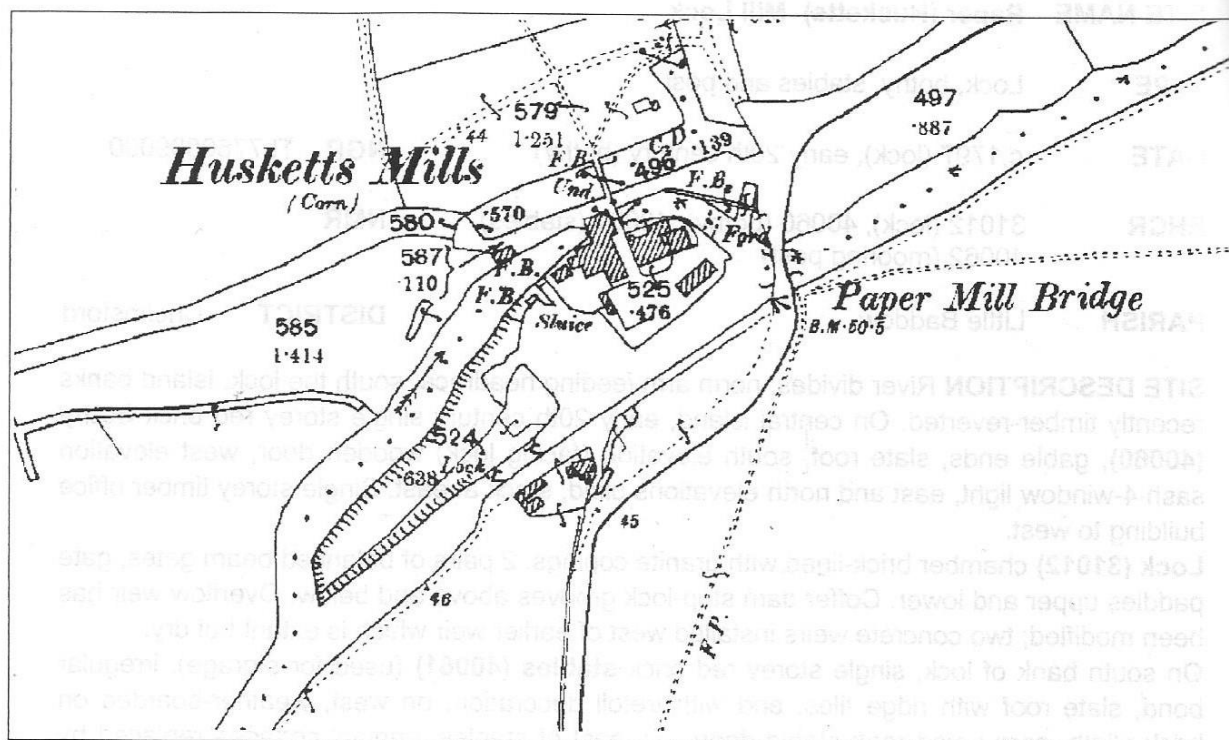




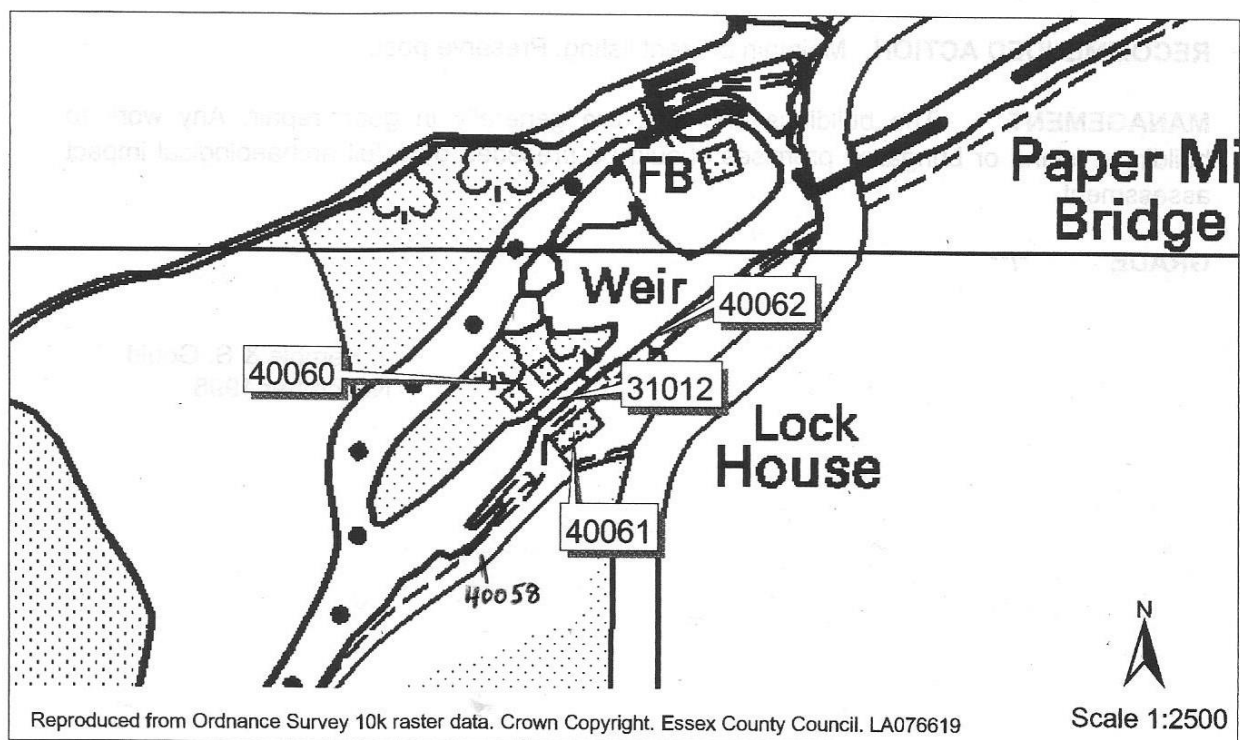
31012 Paper Mill Lock, from W. (JK & SG 11/98)



40060 Bothy, Paper Mill Lock. (JK & SG 11/98)



Paper Mill Lock. OS 1897 25" 2nd edition (not to scale)



Paper Mill Lock c.1998



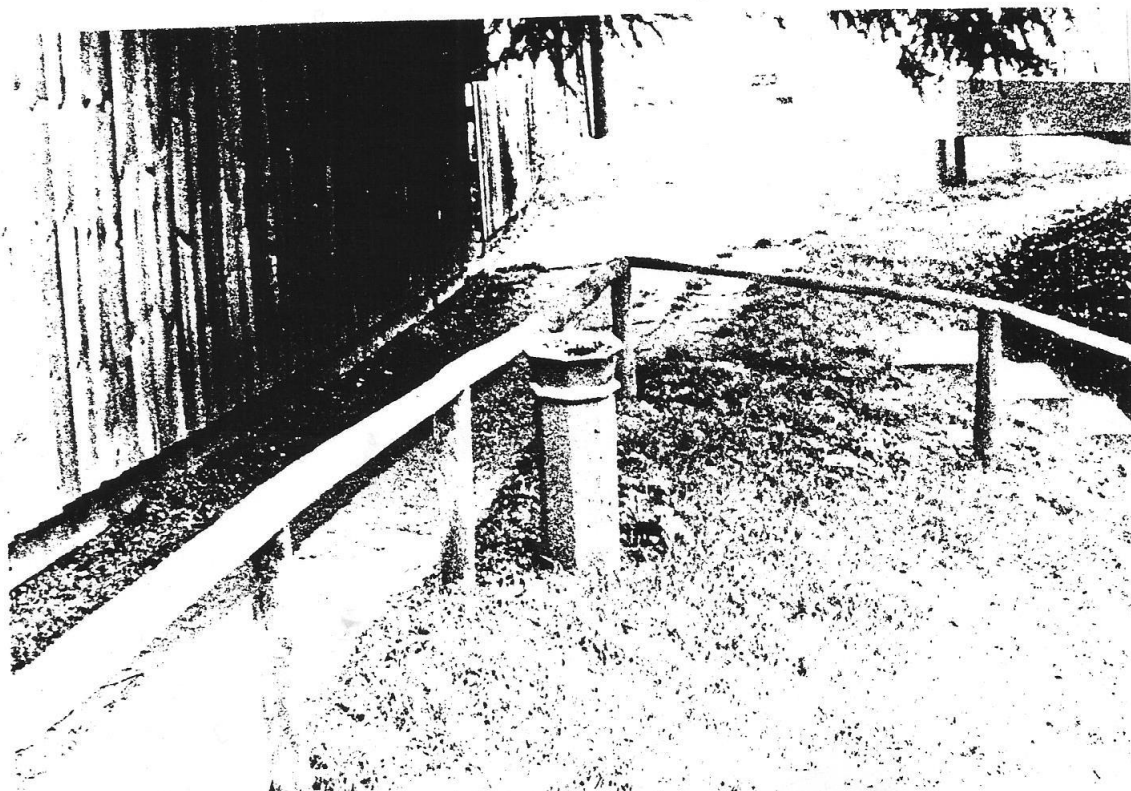
40061 Stables, Paper Mill Lock. (JK & SG 11/98)



40062 Pillar, Paper Mill Lock. (JK & SG 11/98)



POLLAR EHER 40058 TL 776 089



OCTAGONAL PILLAR EHER 40062 TL 776 00900



**SITE NAME** Paper (Husketts) eastern mill site

**TYPE** Mill (site of), Paper Mill (site of)

**DATE** c.1272 to 1905

**NGR** TL7764709022

**EHCR** 40065

**NMR**

**PARISH** Hatfield Peverel/Little Baddow

**DISTRICT** Chelmsford

**SITE DESCRIPTION** The mill is documented in 1272 as Hurscardesmill, an Anglo-Saxon name, and as Paper Mill in 1762. In 1338 the corn mill was held by William de Huntynghfield as part of the Manor of Mowden Hall. It was used for corn grinding and for fulling. Paper was being made here by John Livermore at the end of the 18th century, possibly the first mill in Essex to do so. In Charles Wedge's survey (1792) the ownership was with Thomas Aylmer (of Moughton Hall) and tenanted by Thomas Hodge junior. It was owned by George Aylmer in 1839 and let to Benjamin Livermore. In 1863 Simon Snow is described as occupier, corn miller and farmer, but 7 years later Frank Tew Cantrell was carrying on a milling and coal merchant business. In 1897 Pharo Byford sold the mill to Frances Freeman together with a chaise house, poultry house, cottage, workshop, greenhouse, brick messuage, tiled granary, loft and cartshed, coal wharf and stables.

Fire destroyed the mill in 1905, when it was making carbon rods for one of the early electric searchlights, and the site is now occupied by a modern bungalow with garden on west. The tailrace re-enters the river immediately west of road bridge, having been joined by a water feeder from north.

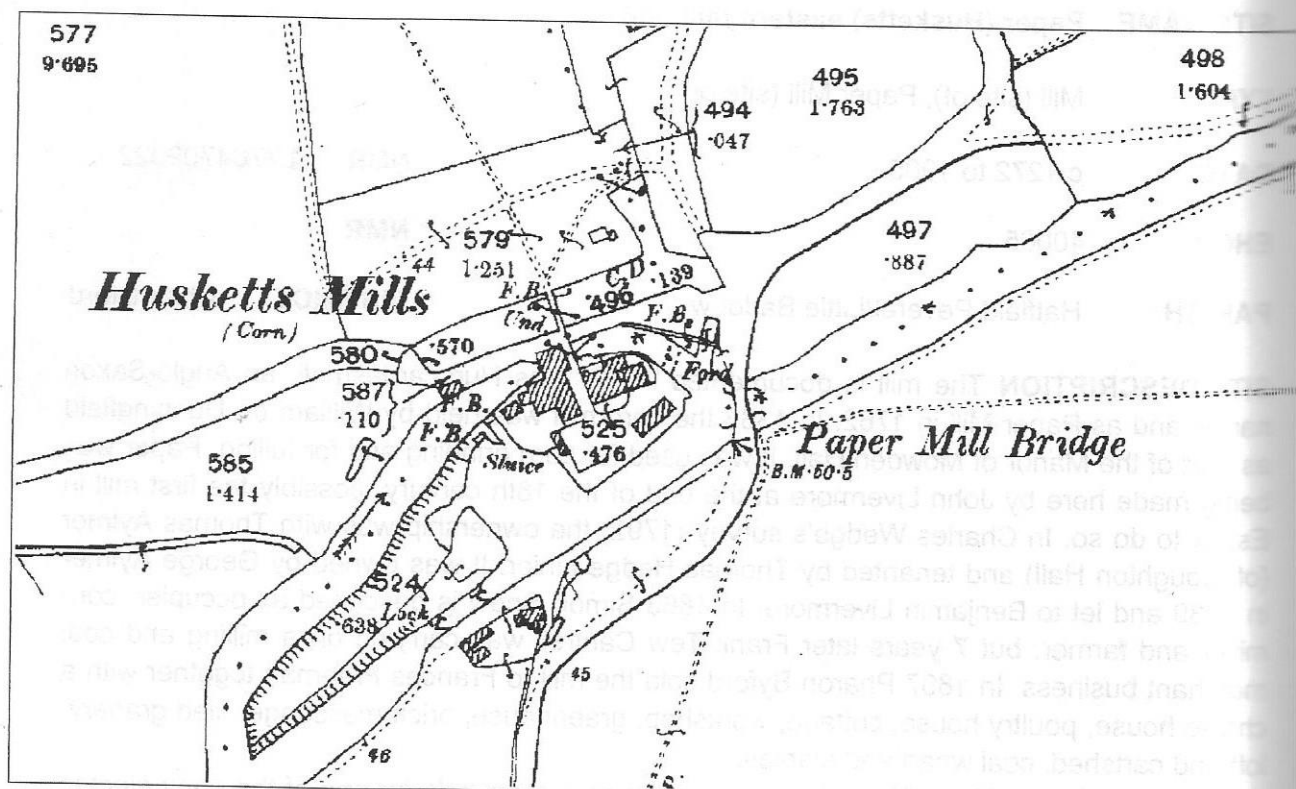
**CURRENTSTATUS** Conservation Area.

**RECOMMENDED ACTION** Former mill site in bungalow garden has archaeological potential. Any work here should be subject to a full archaeological impact assessment.

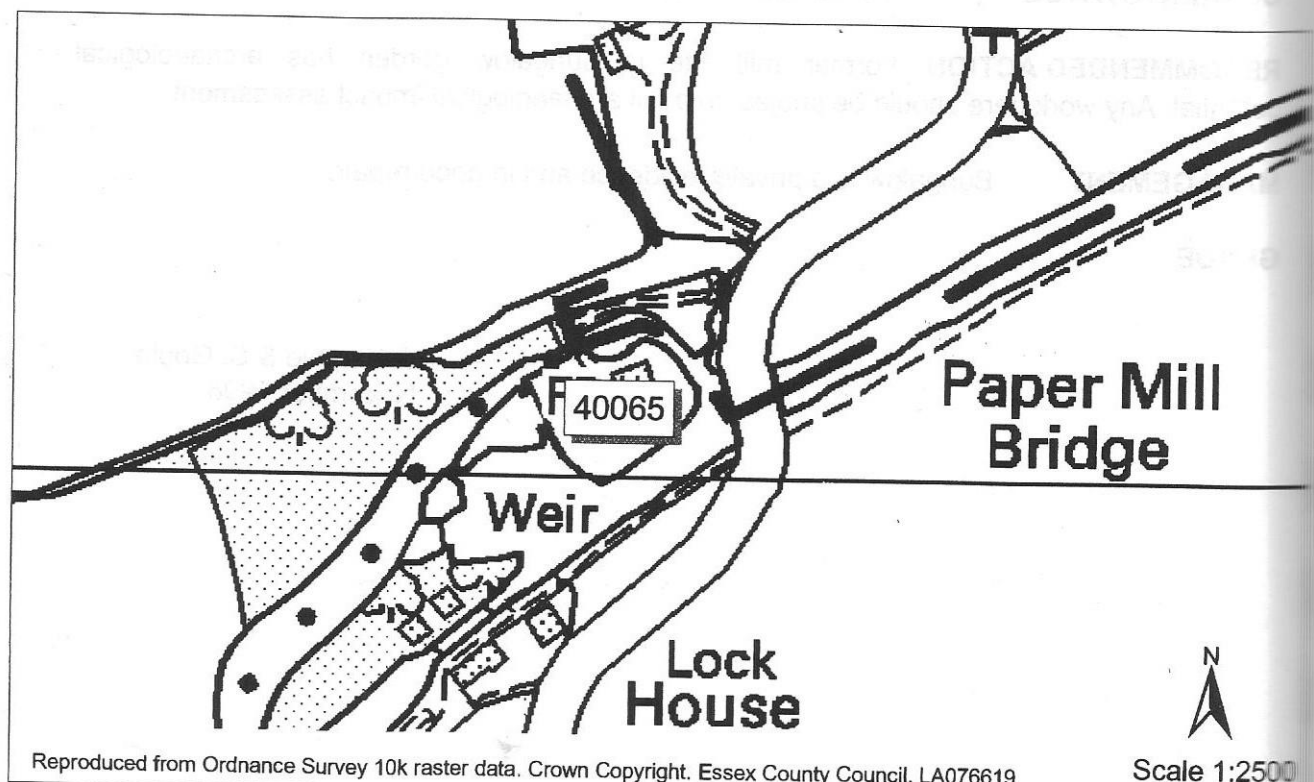
**MANAGEMENT** Bungalow is a private residence and in good repair.

**GRADE** \*

J. Kemble & S. Gould  
November 1998



Paper Mill (eastern site). OS 1897 25" 2nd edition (not to scale)

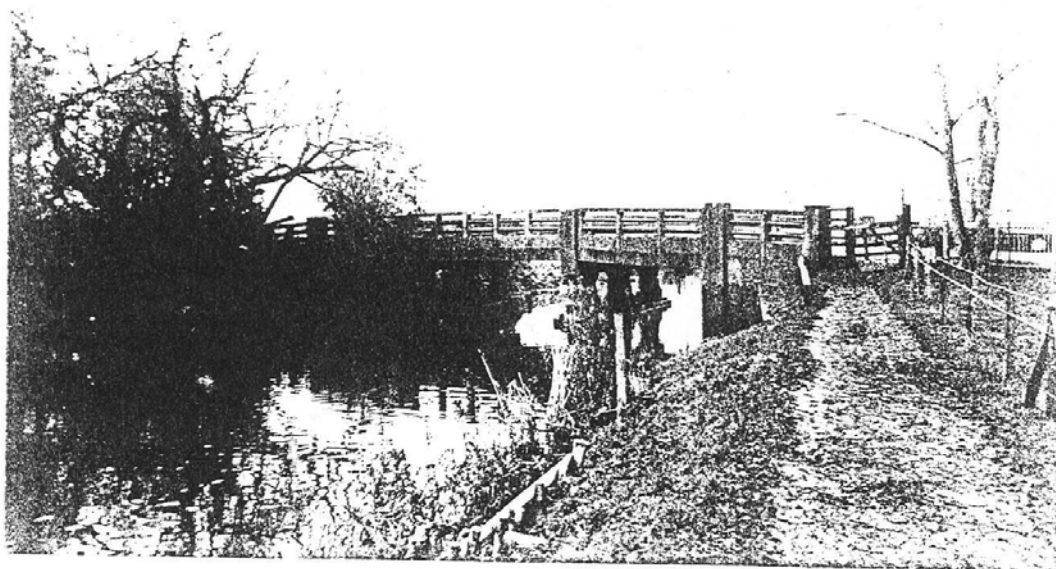




40065 Husketts Mill (site of), from S. (NP 10/01)



40065 Tailrace, Husketts Mill, from E. (NP 10/01)



\*Paper Mill roadbridge from west (site 64).  
 EHER 40066 TL77090

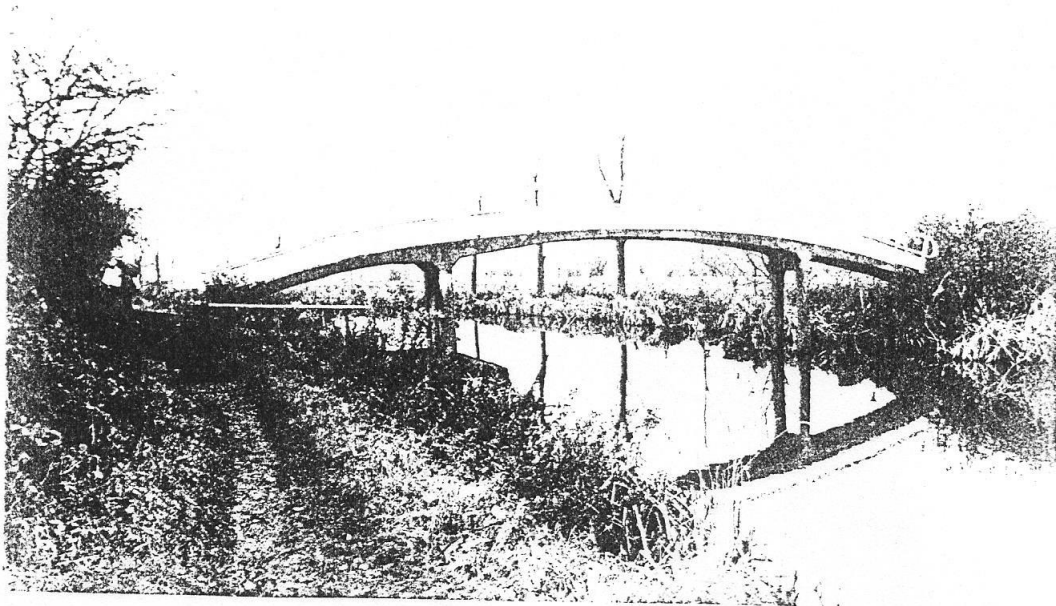
EHER 40066  
 TL77090



Cottage on north bank east of Paper Mill (site 67).  
 EHER 40069 TL780092

EHER 40069  
 TL780092





Footbridge west of Rushes weir (site 75)

HER 40077 TL 790093

**SITE NAME** Rushes Lock

**TYPE** Lock, weir, water feeders, pillar

**DATE** c.1797

**NGR** TL7950009000

**EHCR** 39111 (lock), 39112 (weir), 40083 (pillar)  
40226 (water feeders)

**NMR**

**PARISH** Woodham Walter

**DISTRICT** Maldon

**SITE DESCRIPTION** Lock (39111) has brick chamber with granite copings. Two pairs of balanced beam gates (renewed by Maldon District Council 1998), upper side paddles and lower gate paddles (stamped Maldon Iron Works Co 1926). Cofferdam stop lock grooves above and below.

Weir (39112) is brick with new (1998) revetments, stone and concrete coping. Two water feeders (40226) from north below weir (River Ter, formerly Hatfield River, 1841). Fluted octagonal pillar (40083) 0.6m (2ft) high by 0.2m (8") diameter, 5m from S bank below lock bearing plate "Greenwood Manufacturer Chelmsford", resembles EHCR 40062.

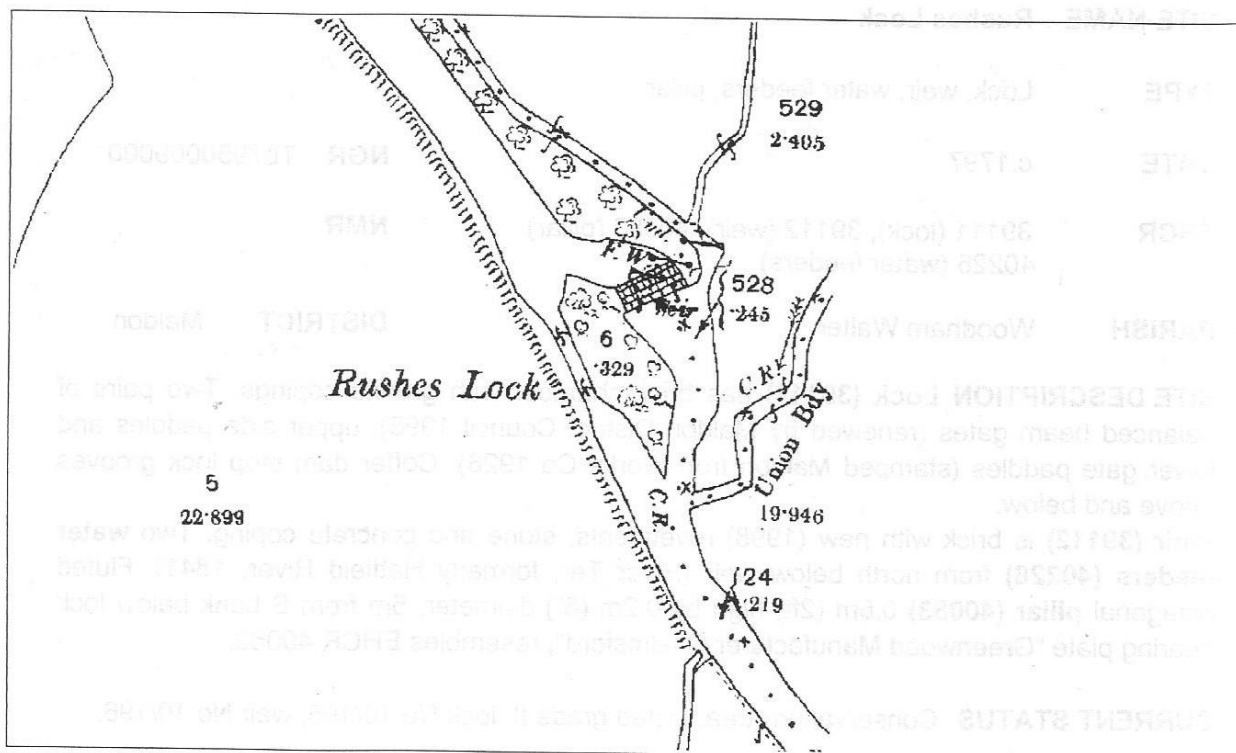
**CURRENT STATUS** Conservation Area. Listed grade II: lock No 10/195; weir No 10/196.

**RECOMMENDED ACTION** Maintain present listing. Preserve pillar.

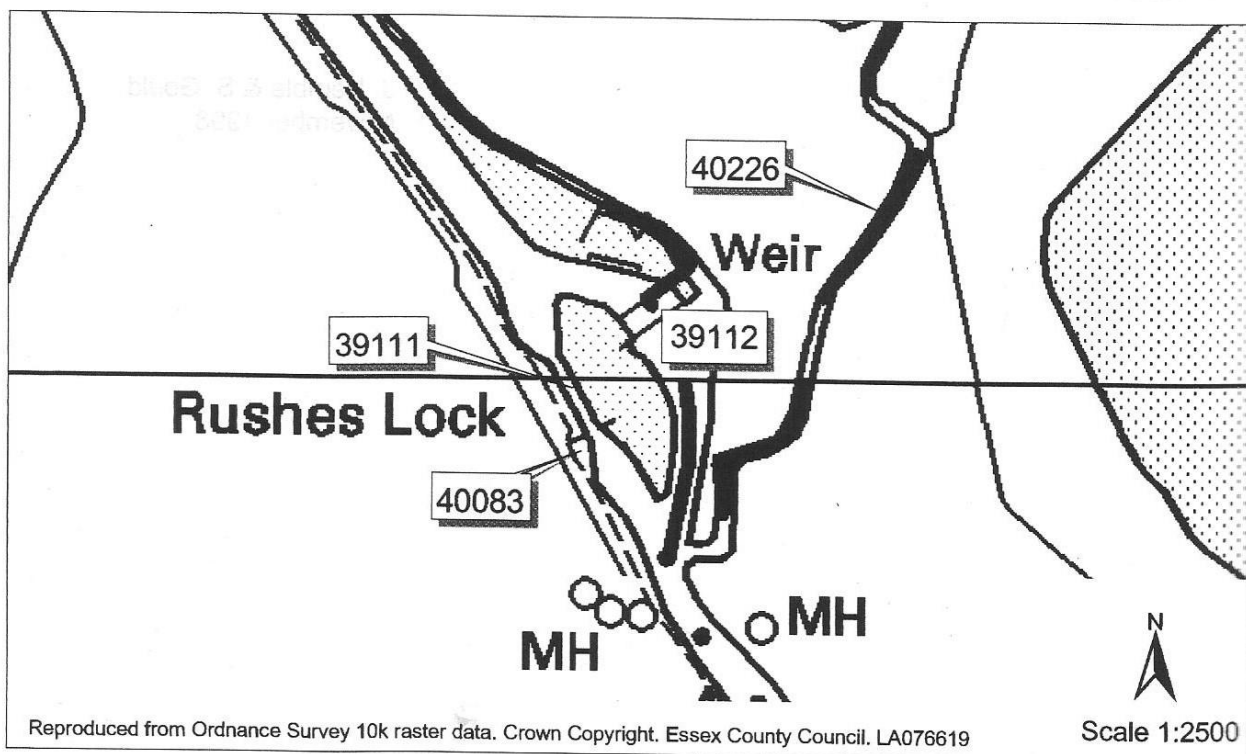
**MANAGEMENT** Lock and weir generally in good condition.

**GRADING** \*\*

J. Kemble & S. Gould  
November 1998



Rushes Lock. OS 1897 25" 2nd edition (not to scale)



Rushes Lock c.1998



39111 Rushes Lock, from E. (JK & SG 11/98)



39111 Lower gate, Rushes Lock, from W. (JK & SG 11/98)





39112 Weir, Rushes Lock. (JK & SG 11/98)



40083 Pillar, Rushes Lock. (JK & SG 11/98)

**SITE NAME** Hoe Mill Lock, lock keeper's house and bridge

**TYPE** Lock, lock keeper's house and bridge

**DATE** c.1797 and 1935

**NGR** TL8078208220

**EHCR** 39008 (lock), 39009, (lock keeper's house),  
40098 (bridge)

**NMR**

**PARISH** Ulting

**DISTRICT** Maldon

**SITE DESCRIPTION** Lock cut on north, mill race to south. **Lock (39008)** brick lined, granite copings, pairs of balanced beam gates, upper side paddles, lower gate paddles, coffer dam stop-lock grooves above and below. With the exception of the sea lock at Heybridge Basin (38303), the drop of 2.5m (8ft 3ins) is the largest on the Navigation.

**Lock keepers house (39009)**, red brick with gault brick east facade, 2 storeys, hipped slate roof, sash windows, 2 stacks, late 18th century; single storey modern extension on west.

**Tail-lock bridge (40098)**, concrete, concrete balustrade continues south over tailrace which rejoins Cut east of bridge, built 1935, formerly timber of c.1797 designed by Matthew Hall and built by Thomas Collins, carpenter, for the Company.

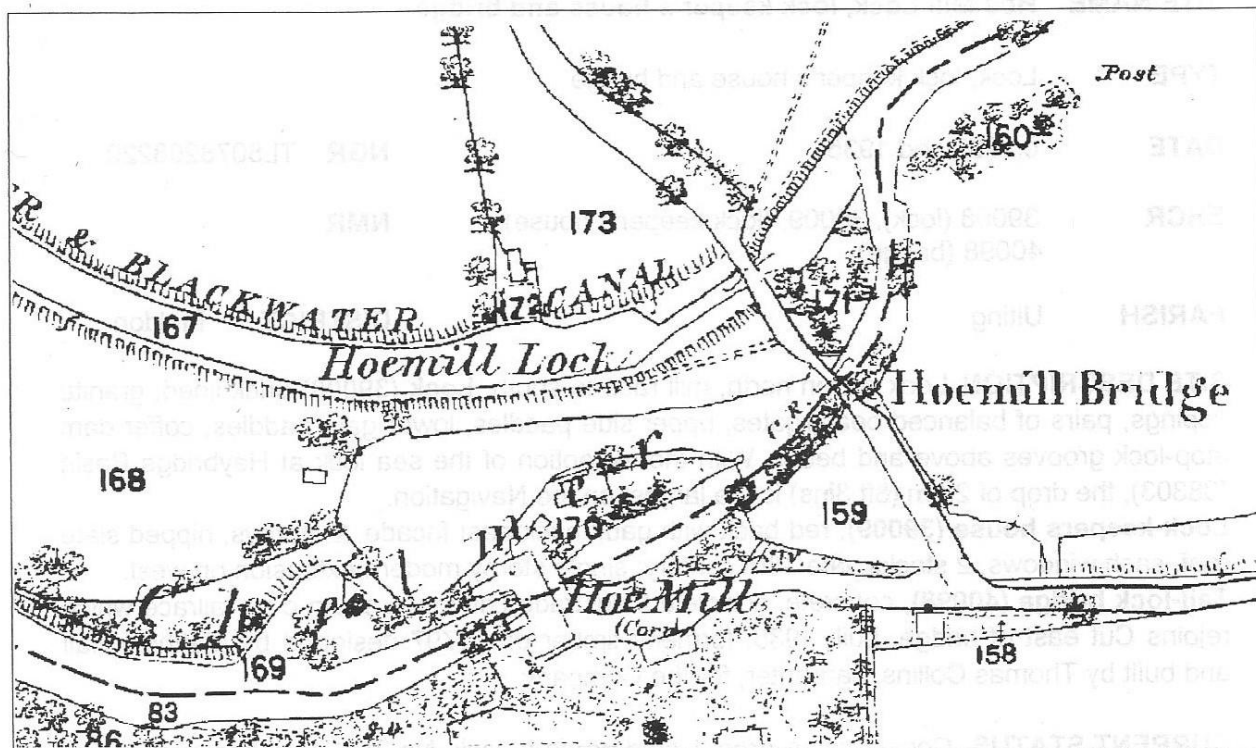
**CURRENT STATUS** Conservation Area. Listed grade II: lock, No 3/66; lock keepers house, No 3/67.

**RECOMMENDED ACTION** Maintain present listing.

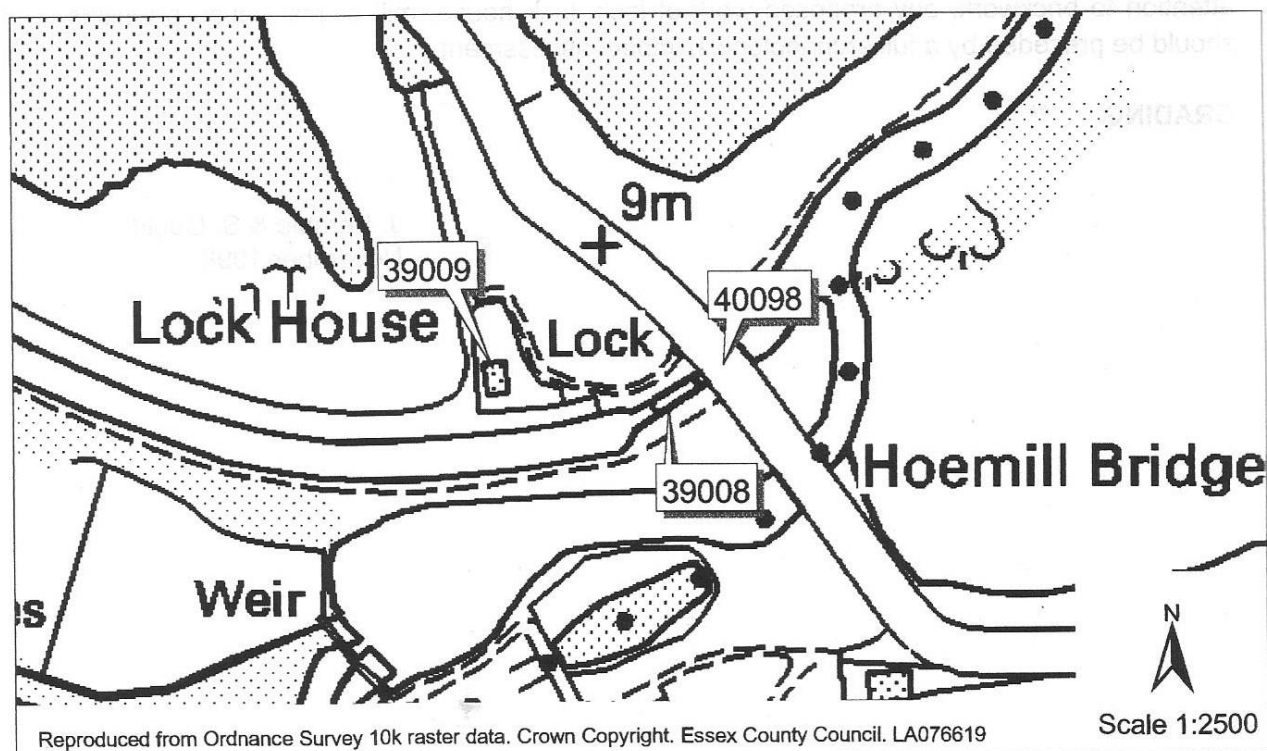
**MANAGEMENT** Lock and residences in reasonable condition, lock requires some attention to brickwork. any proposed work at lock, lock house, mill or mill house premises should be preceded by a full archaeological impact assessment.

**GRADING** \*\*

J. Kemble & S. Gould  
November 1998



Hoe Mill Lock. OS 1874 25" 1st edition (not to scale)



Hoe Mill Lock c.1998



39008 Hoemill Lock, from W. (NP 10/01)



39009 Hoemill Lock keeper's house, from E. (NP 10/01)





40098 Hoemill tail lock bridge, from E. (JK & SG 11/98)



**SITE NAME** Hoe Mill and mill house

**TYPE** Mill, mill house

**DATE** 19th century

**NGR** TL8074008125

**EHCR** 40099 (mill), 39107 (mill house)

**NMR**

**PARISH** Woodham Walter

**DISTRICT** Maldon

**SITE DESCRIPTION** The name refers to the pronounced curve in the river producing a tongue of land at this point (old English 'hoh'), suggesting a mill may have been on this site since medieval times. In 1738 Thomas Strutt was apprentice of John Ingold of 'How Mill', the spelling of the name as shown on the map of 1777. That year John Strutt sold the mill to Richard Barnard of Woodham Walter. By 1792 Robert Marriage was owner, with George Poole and Edward Rust occupiers; the mill then had two water wheels and three pairs of stones. It was badly damaged by floods in 1795 and rebuilt by 1811 with two wheels and eight pairs of stones. In 1820 it was occupied by Robert and J Marriage and by 1840 a coal yard had been added. Some 400m downstream was Sugar Bakers Hole, site of a sugar mill set up by Marriage, Reid & Marriage in Ulting Lane close to the Navigation where beet was grown. In the latter years of the 19th century Samuel Garrett was miller with a coal, flour and wheat business. A letter dated 1914 from AG Sullivan states that the mill had been demolished, and 10 years later Southend Waterworks built the weir.

The **mill** is now represented by a brick bridge ?wheelhouse with 2 arched span issuing into tailrace. Overflow **weir** west of mill site functional. The early 19th century **mill house** south of tailrace is now a private residence, gault brick, hipped grey slate roof with two stacks. The door porch is supported by 2 Tuscan columns.

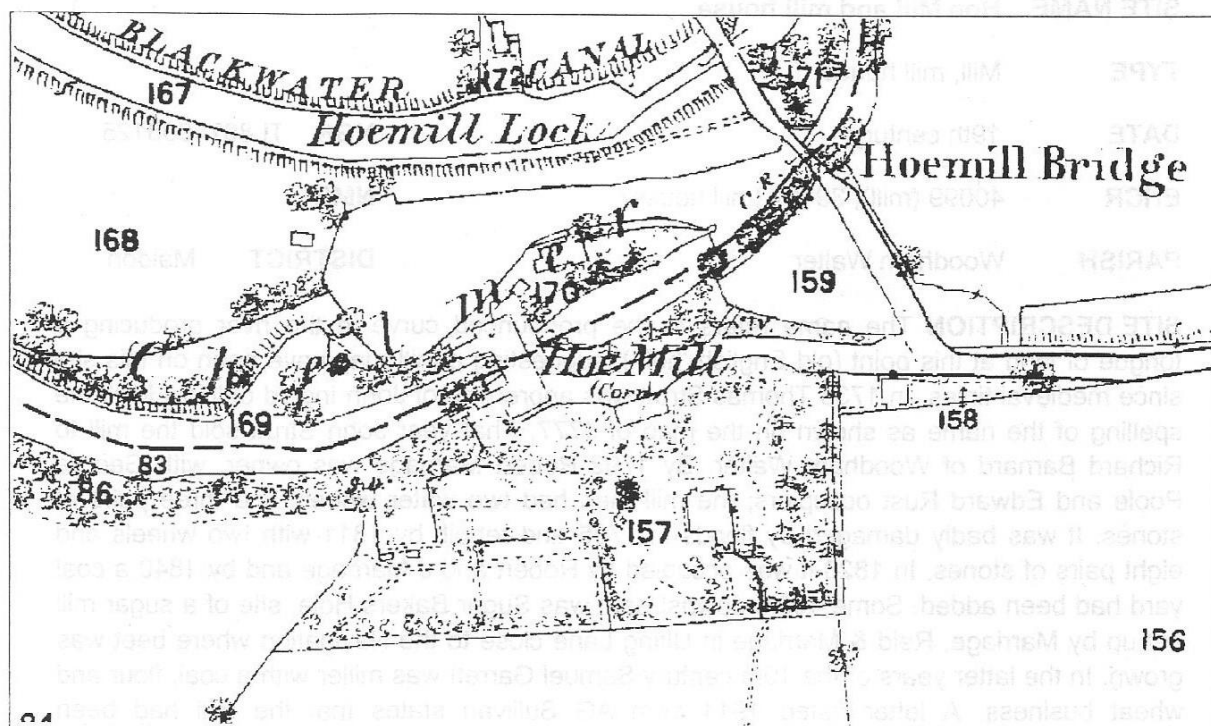
**CURRENT STATUS** Conservation Area. Mill house listed grade II, No 3/191.

**RECOMMENDED ACTION** Maintain listing of mill house. It is likely that considerable remains of the mill survive. Proposed work at lock, lock house, mill or mill house premises should be preceded by a full archaeological impact assessment.

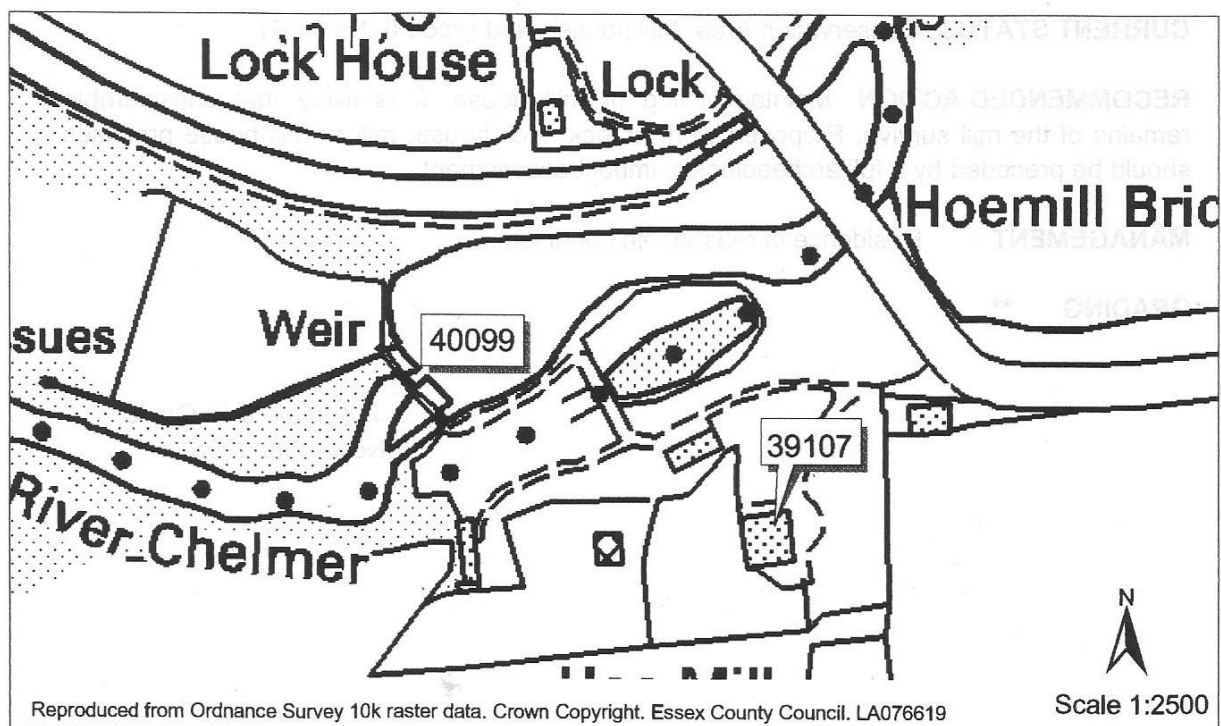
**MANAGEMENT** Residence in reasonable condition.

**GRADING** \*\*

J. Kemble & S. Gould  
November 1998



Hoe Mill. OS 1874 25" 1st edition (not to scale)







39107 Hoe Mill House (Dec.1984)



Pipe bridge east of Hoe Mill (site 108).  
EHER 40110 TL813086

530

**SITE NAME** Ricketts lock, bridge and weir

**TYPE** Lock, bridge and weir

**DATE** c.1797

**NGR** TL8234608649

**EHCR** 38976 (lock), 38980 (bridge)  
40120 (weir)

**NMR**

**PARISH** Woodham Walter/Langford

**DISTRICT** Maldon

**SITE DESCRIPTION** **Lock (38976)**, north of meander, has brick chamber with granite copings, pair of lower balanced beam gates (upper gates replaced in 1999), upper side paddles, lower gate paddles, coffer dam stop-lock grooves above and below. Tail-lock accommodation **bridge (38980)**, red brick with three string course above single span arch, concrete and stone copings. River meander rejoins the Cut below the bridge from the south. **Weir (40120)** destroyed by floods at entry to south meander in 1998, rebuilt in brick and steel in 1999.

**CURRENT STATUS** Conservation Area. Listed grade II: lock, No 3/28; bridge No 3/29.

**RECOMMENDED ACTION** Maintain present listing.

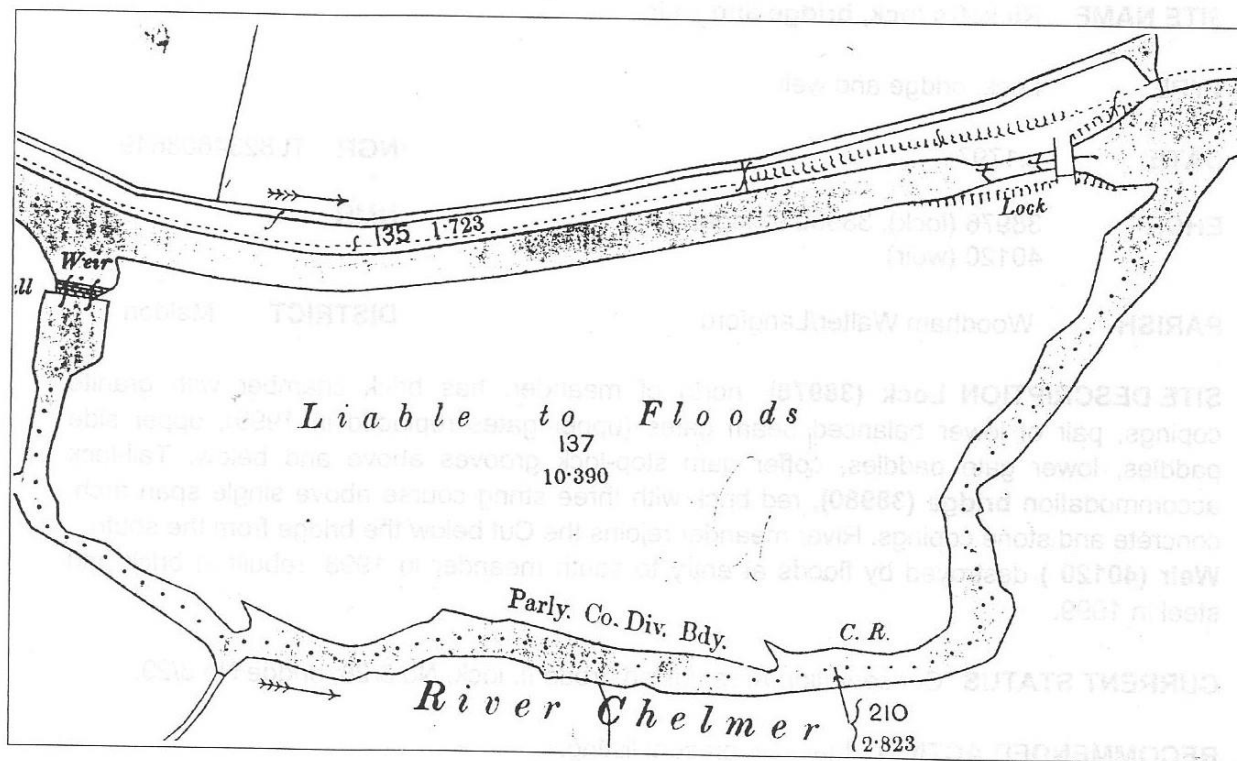
**MANAGEMENT** Weir reconstructed. Cement pointing of bridge has resulted in brick cracking, needs repointing with lime mortar.

**GRADING** \*\*

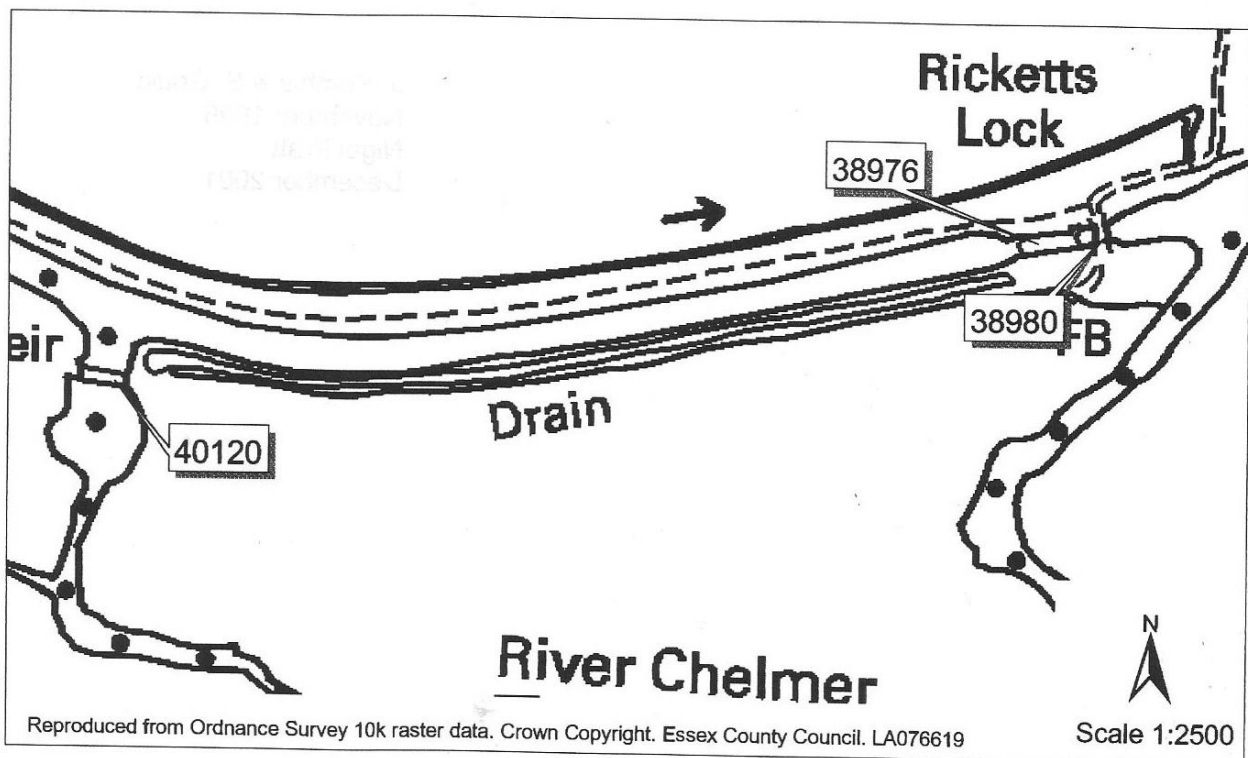
J. Kemble & S. Gould  
November 1998  
Nigel Pratt  
December 2001







Ricketts Lock. OS 1875 25" 1st edition (not to scale)



Ricketts Lock c.1998



38976 Ricketts Lock. (JK & SG 11/98)



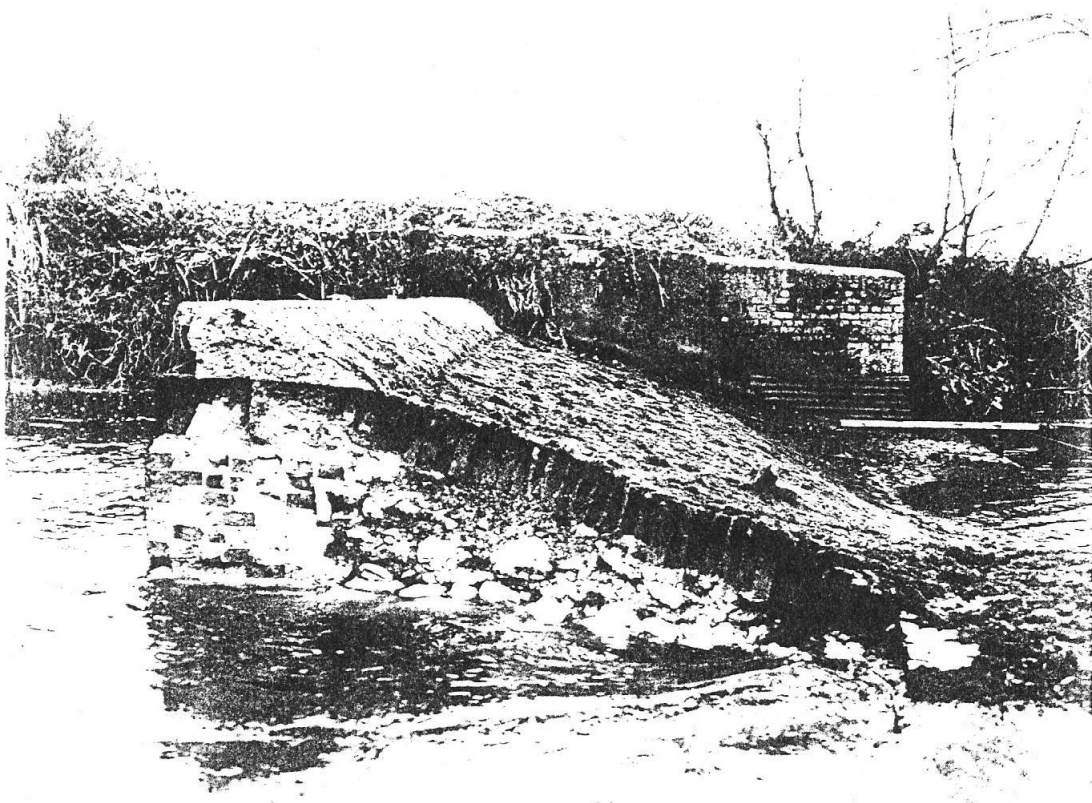
38976 Ricketts Lock. (JK & SG 11/98)



38976 & 38980 Ricketts Lock and bridge. (JK & SG 11/98)



40120 Weir, Ricketts Lock. (JK & SG 11/98)



Ricketts weir pending collapse (November 1998) (site 118).



Ricketts weir piles after flood destruction (site 118).



**SITE NAME** Beeleigh Lock

**TYPE** Lock

**DATE** c.1797

**NGR** TL8389208386

**EHCR** 38957

**NMR**

**PARISH** Langford

**DISTRICT** Maldon

**SITE DESCRIPTION** Brick chamber with stone Copings, two pairs of balanced beam gates, gate paddles upper and lower, coffer dam stop-locks above and below. Bridge, formerly timber now replaced by modern steel scaffold structure over tail on RSJ.

**CURRENT STATUS** Conservation Area. Listed grade II, No 3/7.

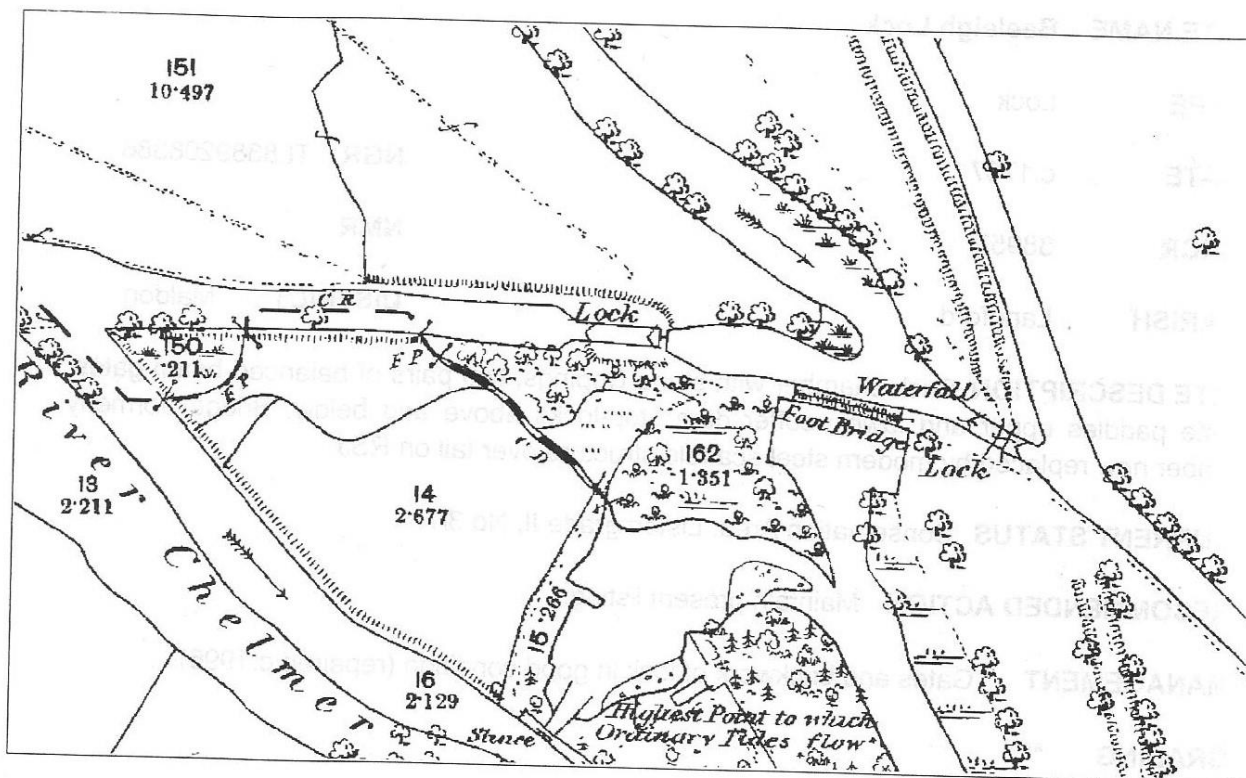
**RECOMMENDED ACTION** Maintain present listing.

**MANAGEMENT** Gates and brickwork of lock in good condition (repaired c.1996).

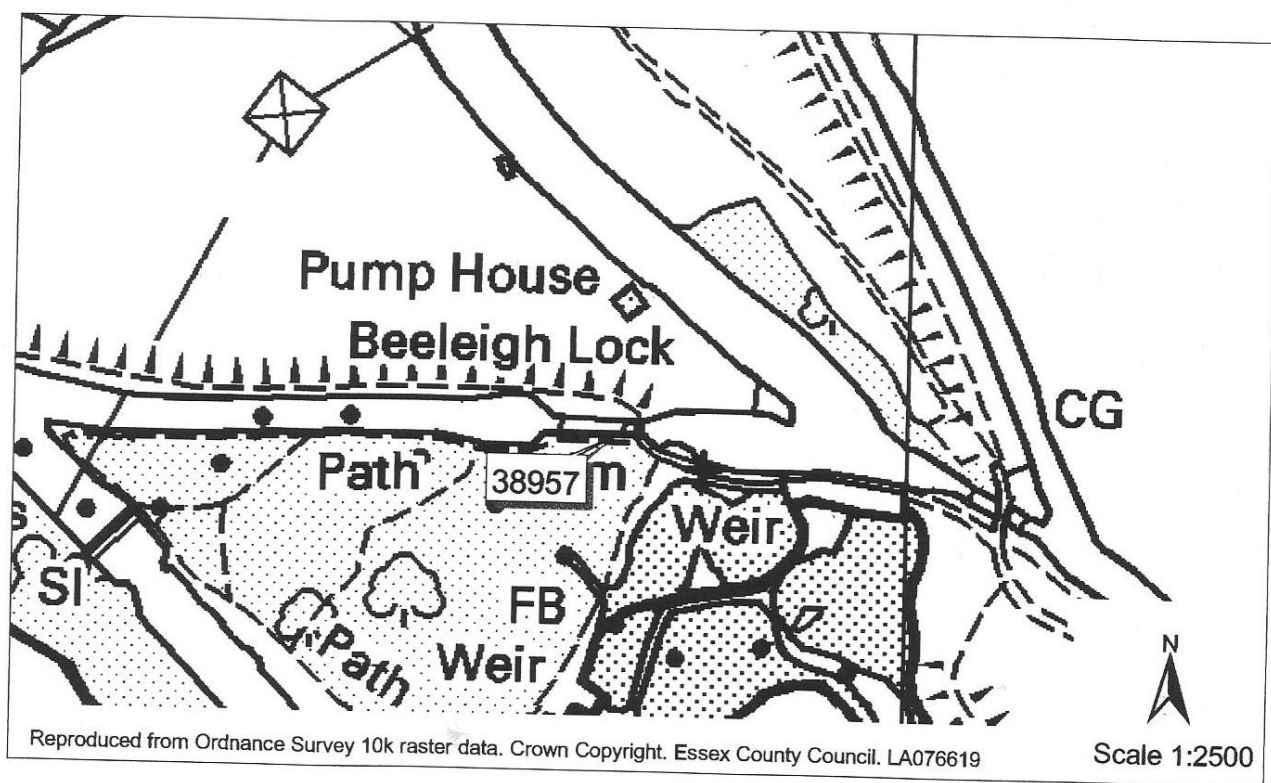
**GRADING** \*\*

J. Kemble & S. Gould  
November 1998





Beeleigh Lock. OS 1875 25" 1st edition (not to scale)



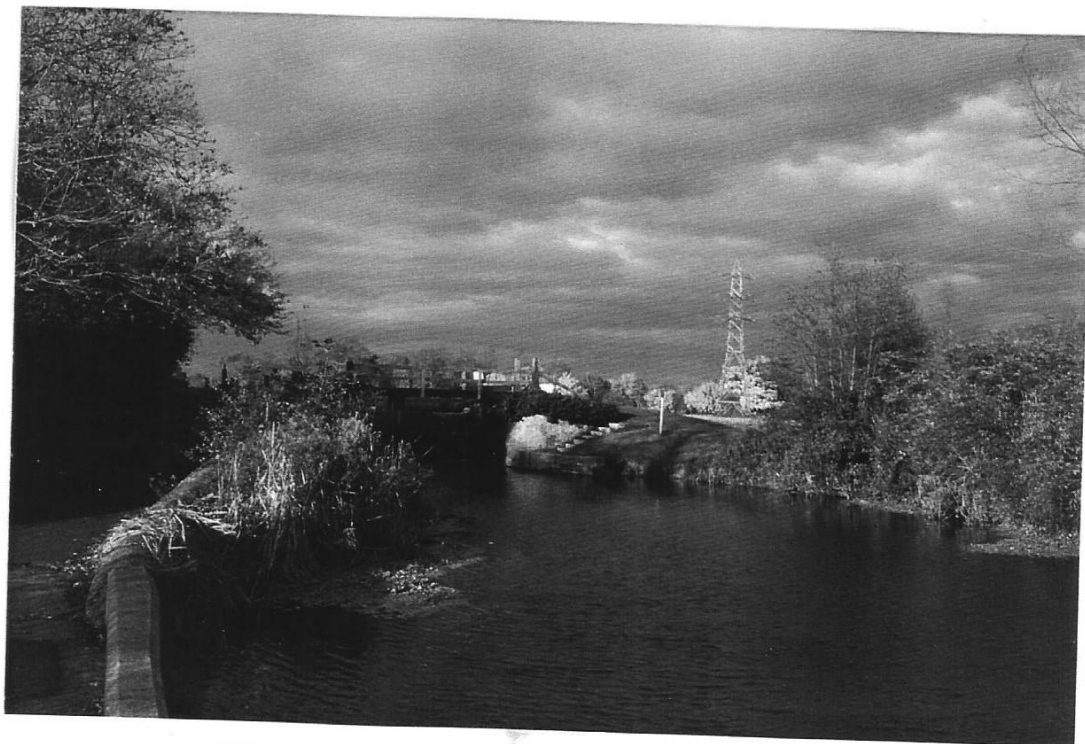
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Scale 1:2500

Beeleigh Lock c.1998



38957 Beeleigh Lock, from E. (NP 11/01)



38957 Beeleigh Lock, from W. (NP 11/01)



**SITE NAME** Beeleigh Mill

**TYPE** Mill, millhouse, obelisk, footbridge

**DATE** 19th century

**NGR** TL8396308181

**EHCR** 38240 (mill house), 38241 (well head),  
38244 (mill), 40137 (obelisk), 40136 (bridge)

**NMR**

**PARISH** Maldon

**DISTRICT** Maldon

**SITE DESCRIPTION** Beeleigh Abbey, founded c.1180 by the Premonstratensian order, held the mill by 1189 until the Suppression in 1536. Sir John Gate alienated the mill to William March whose son sold it to John Wiseman of Felsted by 1559. At the beginning of the 18th century the mill had come into the possession of the Strutt family, John Strutt being miller with his son John and John Crozier senior as apprentices. The latter bought the mill from John Strutt MP for Maldon in 1777 and was miller until 1793. The Navigation Company purchased the mill in 1793 to ease the legal difficulties caused by the new constructions but two years later sold it at a loss for £5000 to John Dunkin. Dunkin and his partner Mr Stammers (of Stammers Farm nearby) rebuilt the mill. In 1834 the mill with ten pairs of stones and two water wheels was sold to Joseph Ward of Merton Mills for £4520 who added the steam mill 12 years later. It is probable that he built the adjacent Beeleigh Falls House to the northeast about 1850. In 1875 the watermill was gutted by fire and not rebuilt. It was subsequently bought by the Essex Water Company who re-roofed the steam mill in 1960 preserving the engines and in 1995-6 the Maldon Archaeology Group excavated and consolidated the remains.

The former overflow sluice weir has extant **bridge abutments (40136)**. The mill headrace has been filled in (after 1924). The **Watermill (38244)** now comprises two yellow brick-lined barge docks and unroofed wheelpits. To the southwest the millhouse and boathouse (OS 1897 and 1924) on the headrace are not extant. To the north is the extant steam-engine house which is of two building phases, in red (east, iron ties) and yellow (west) brick with a common slate roof, containing remains of the steam boiler. To the southeast is the now-dry tail-race.

North of tailrace is an elegant mid 19th century two storey gault brick residence, **Beeleigh Falls House (38240)** with iron work verandah on south, hipped slate roof, which is approached from south over the tailrace by a bridge with stone copings and two arches. A mid 19th century **well-head (38241)** of stock bricks is adjacent to house. Stone **obelisk (40137)** TL840082, on south bank of tailrace, c.4m high.

**CURRENT STATUS** Mill residence and well head listed grade II, No 574-1/1/228 and 231. Watermill and steam mill listed grade II\*, No 574-1/1/233.

**RECOMMENDED ACTION** Maintain present listing. The steam mill stands to two storeys and contains technological remains. Considerable archaeological potential of other buildings and former water courses is expected to survive, and the sites should be exposed to a full impact assessment prior to any future work being proposed.

**MANAGEMENT** The watermill, though formerly of three storeys, has been consolidated by the Maldon Archaeological Group (c.1996) at ground level and foundations.



# GRADING

\*\*

THE NAME Beeligh Mill

TYPE Mill, millhouse, obelisk, toothpick

J. Kemble & S. Gould

November 1998

NGR T18396308181

NMR

38240 (mill house), 38241 (well head),  
38244 (mill), 40137 (obelisk), 40138 (bridge)

DISTRICT Maldon

Maldon

PARISH

**SITE DESCRIPTION** Beeligh Abbey, founded c.1180 by the Premonstratensian order, held the mill by 1189 until the Suppression in 1538. Sir John Gale alienated the mill to William March whose son sold it to John Wyseman of Felstead by 1559. At the beginning of the 16th century the mill had come into the possession of the Sturt family, John Sturt being miller with his son John and John Crozier senior as apprentices. The latter bought the mill from John Sturt MP for Maldon in 1717 and was miller until 1753. The Navigation Company purchased the mill in 1793 to ease the legal difficulties caused by the new construction but two years later sold it at a loss for £5000 to John Dunkin. Dunkin and his partner Mr. Stammers (of Stammers Farm nearby) rebuilt the mill in 1804 the mill with two pairs of stones and two water wheels was sold to Joseph Ward of Water Mills for £4250 who sold the steam mill 12 years later. It is probable that the mill the adjacent Beeligh Falls House to the northeast about 1880. In 1915 the watermill was gutted by fire and not rebuilt. It was subsequently bought by the late Mr. Walter Condon who re-erected the steam mill in 1950 preserving the engine and in 1997 the Maldon Archaeology Group acquired and consolidated the remains.

The former overflow shed which has extensive stone abutments (40138). The mill has been built in (late 18th/early 19th century) in a complex of two yellow brick-matched large docks and a small watermill. To the southwest the millhouse and millpond (40139) and (40140) on the west bank and the watermill. To the north is the estate water-engine house which is of two building phases, in red (east) and yellow (west) brick with a common slate roof containing remains of the steam boiler. To the northeast is the now dry tail-race.

North of tailrace is an elegant mid 19th century two storey gable fronted house. Beeligh Falls House (38240) with two water wheels on south bank of the tail-race which is approached from south over the tailrace by a bridge with stone balustrade and two stone obelisks (40137) T1840082 on south bank of stream - a fine one.

**CURRENT STATUS** Mill residence and well head listed Grade II, No 574-11258 and 574-11259. Watermill and steam mill listed Grade II, No 574-11258.

**RECOMMENDED ACTION** Main mill listed. The house will stand as two storeys and contains technological remains. Considerable archaeological potential of other buildings and former water courses is expected to surface and the site should be prepared to a full impact assessment prior to any future work being proposed.

**MANAGEMENT** The watermill, through ownership of the site, was given responsibility by the Maldon Archaeological Group (c.1998) to ground level and landscaping.







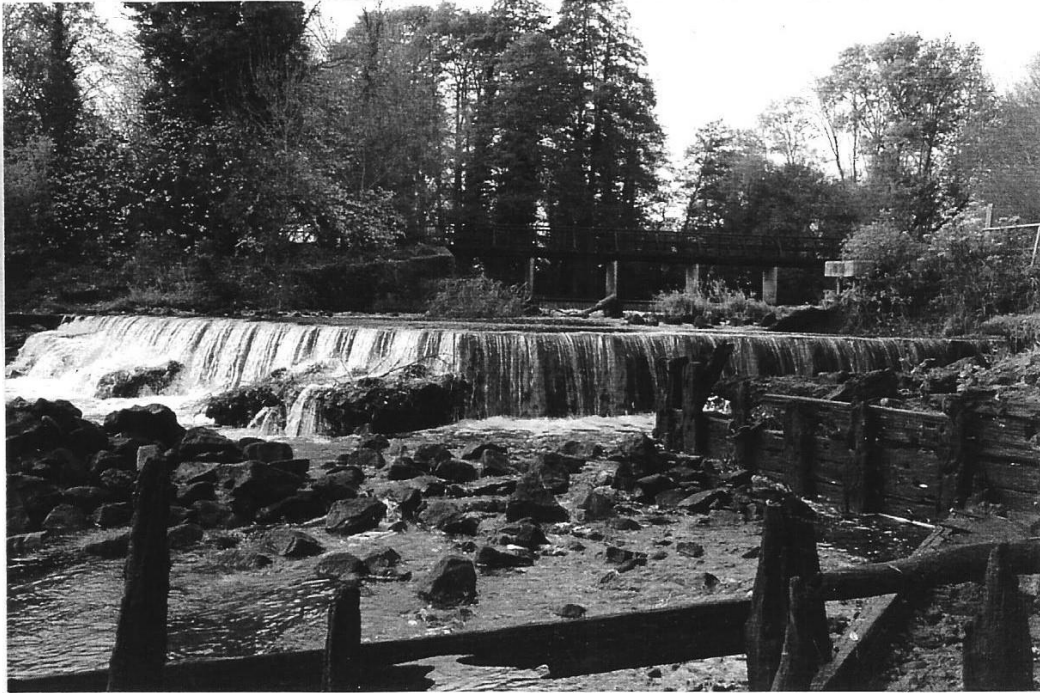
40132 & 40135 Weir & Footbridge, Beeleigh Mill. (NP 11/01)



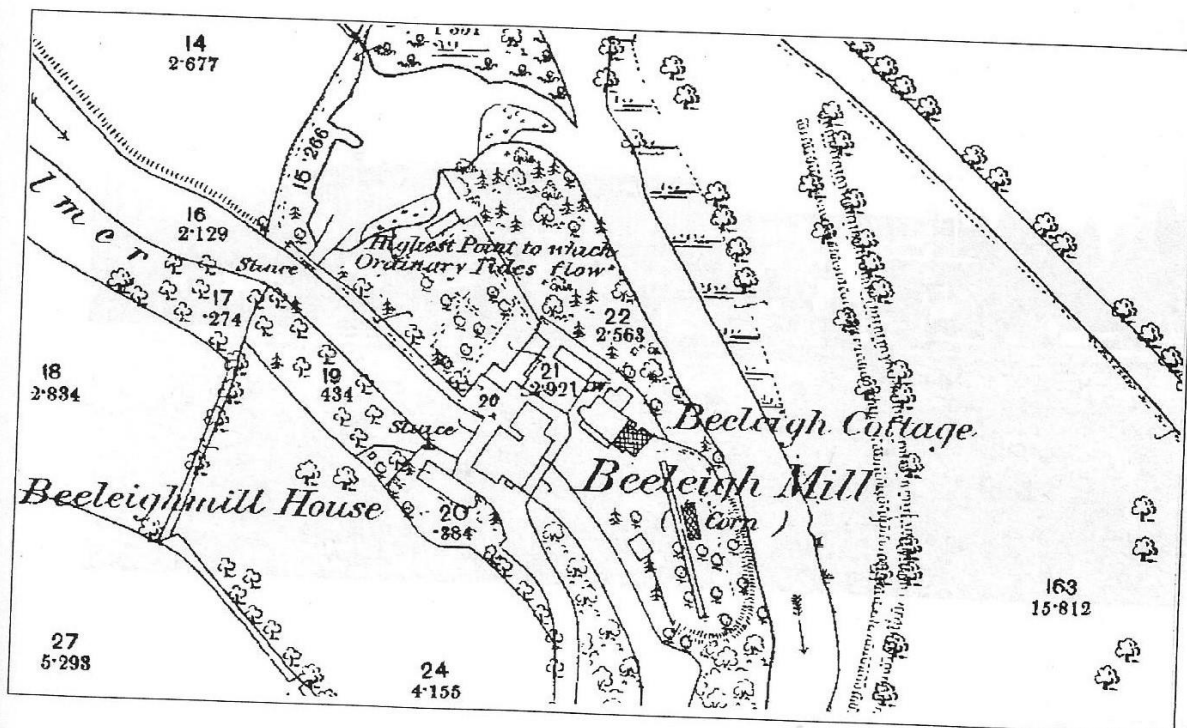
38240 Beeleigh Falls House. (NP 11/01)



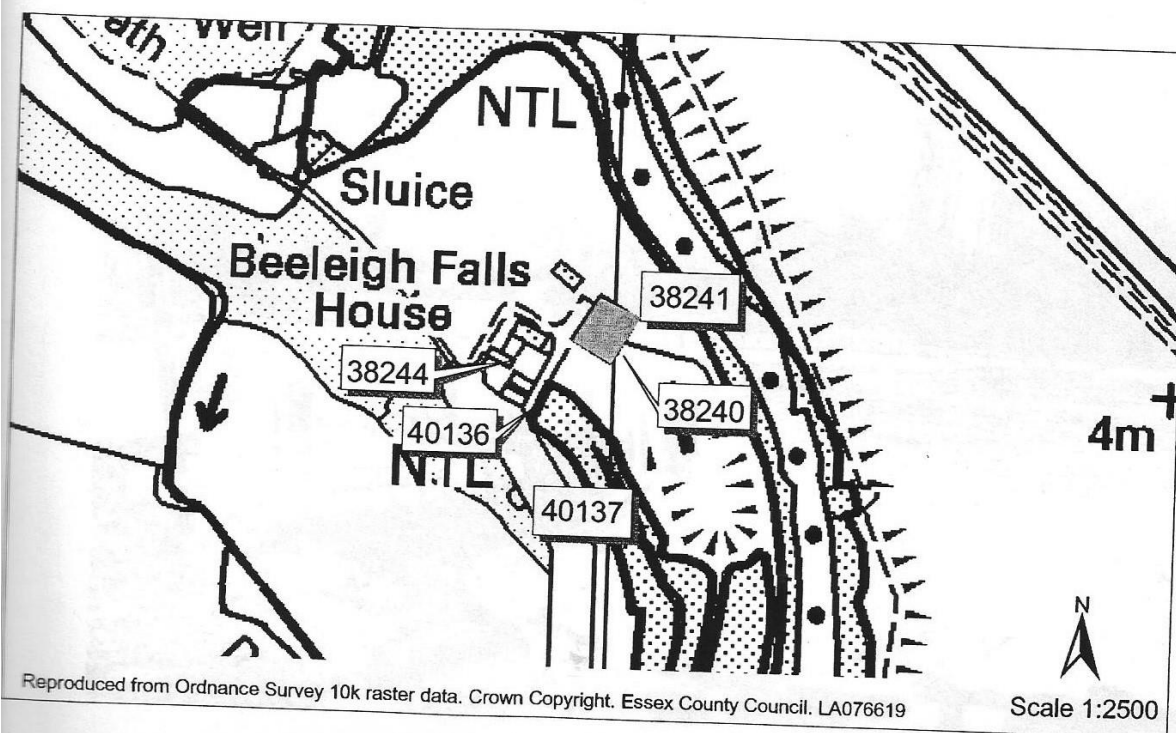
38244 Beeleigh Mill. (NP 11/01)



40132 & 40135 Weir & Footbridge, Beeleigh Mill. (NP 11/01)



Beeleigh Mill. OS 1875 25" 1st edition (not to scale)

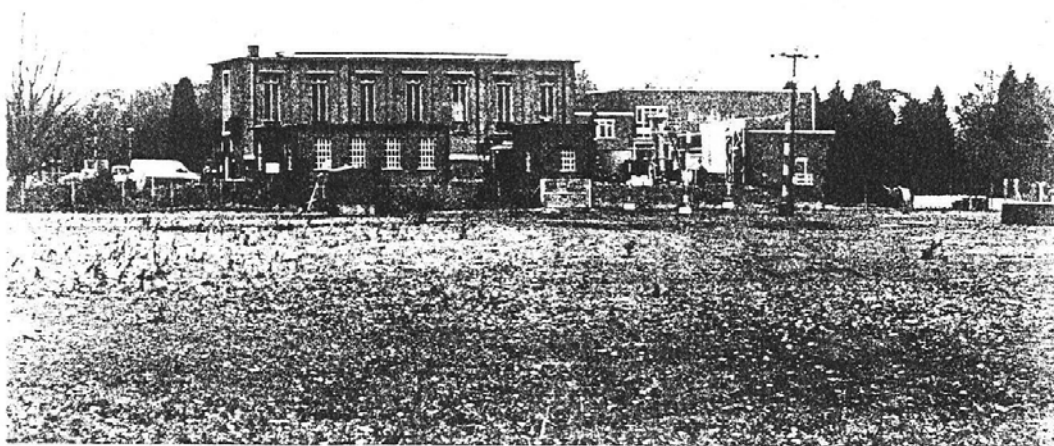


Beeleigh Mill c.1998





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Langford Water Works (site 123).

*See page 58*



Beeleigh Pool (site 136).

**SITE NAME** Langford Cut

**TYPE** Earthwork ditch, cut, boom

**NGR** TL8405408361

**DATE** Late 18th century

**EHCR** 40145 (ditch), 40149 (cut)  
40150 (boom)

**NMR**

**PARISH** Langford

**DISTRICT** Maldon

**SITE DESCRIPTION** The Long Cut at Beeleigh to join the River Chelmer to the Blackwater (thus bypassing Maldon) is most easily understood by comparing the map of 1777 showing the rivers before work began with a 19th century OS map. Nicholas Westcombe of Langford Mill in 1792 had almost completed his Cut from Langford Mill to join the Chelmer river. The southern part of the **Langford Cut (40145)** was made redundant by the Chelmer and Blackwater Navigation Long Cut. Westcombe had diverted part of the Blackwater flow into his Cut and the easterly course of that river was curtailed down a **feeder (EHCR 40143)** into the Navigation. The former easterly course is now south of a housing estate Langford Meads. The main flow of the Blackwater now runs south from Langford, west of Langford Cut along what used to be known as **Langford Stream (EHCR 40146)** to join the Navigation Long Cut just downstream of Beeleigh lock.

The surviving elements are: Broad linear earthwork **ditch (40145)**, TL841082, runs north-south for c.250m across golf course, marking line of former south end of Langford Cut.

**Langford Cut (40149)**, TL841084, from the north joins Navigation immediately east of Langford lock. The River Blackwater, prior to the end of the 18th century, ran a course north of present but south of Langford parsonage and Meads, TL847085, to rejoin its present course at TL852081, west of Heybridge. Langford Cut (40149) TL840085, extends northwest towards Langford Mill c.700m between high earth banks. **Concrete boom (40150)** TL839086, blocks Langford Cut west of a concrete tank.

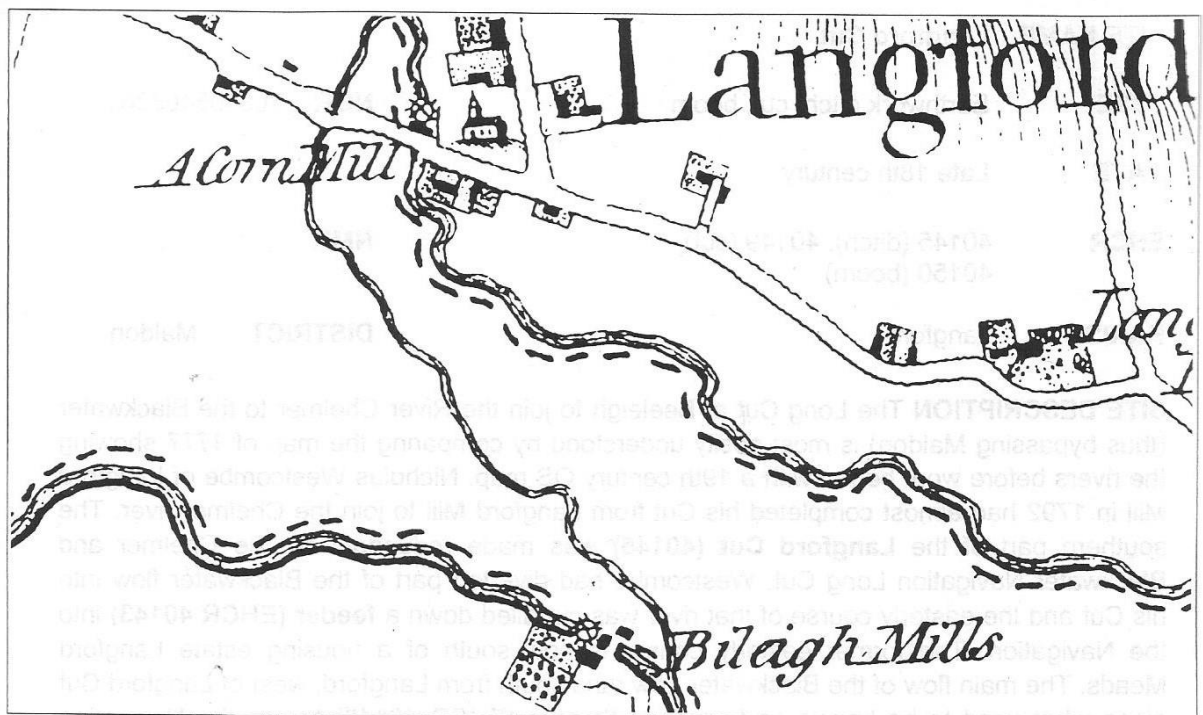
**CURRENT STATUS** Conservation Area.

**RECOMMENDED ACTION** The earthwork (40145) and the Cut (40149) should be preserved.

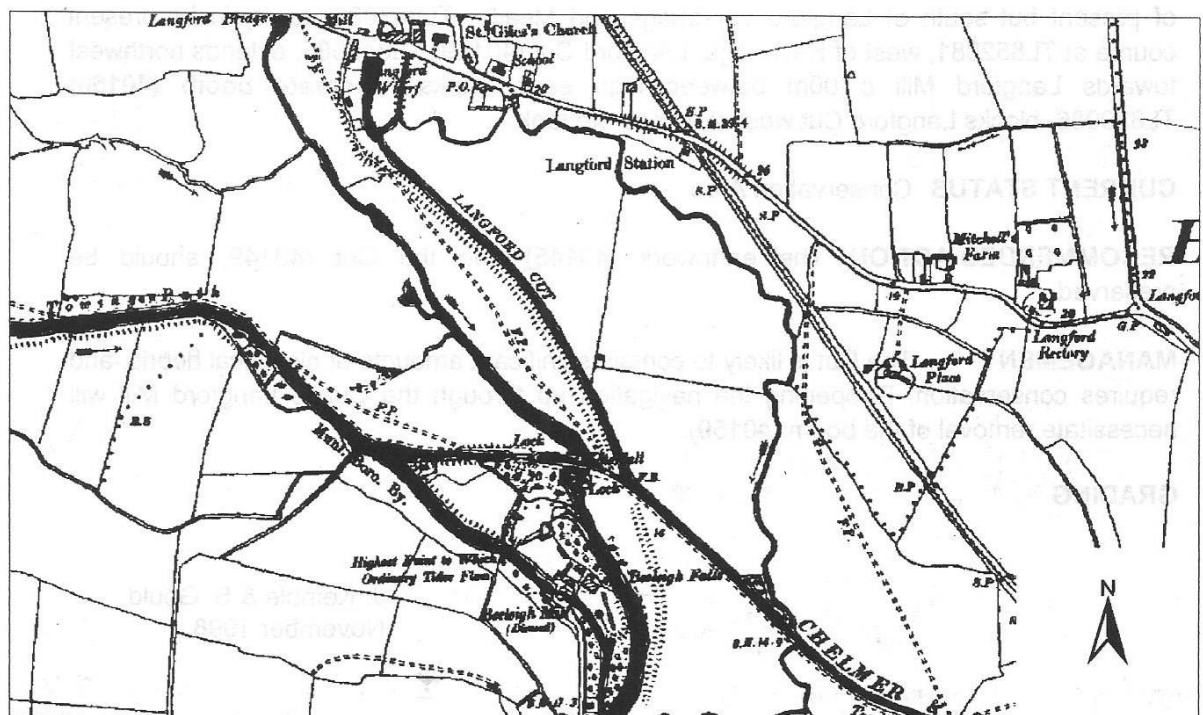
**MANAGEMENT** The Cut is likely to contain significant amounts of biological debris, and requires conservation. Reopening the navigation up through the Cut to Langford Mill will necessitate removal of the boom (40150).

**GRADING** \*

J. Kemble & S. Gould  
November 1998

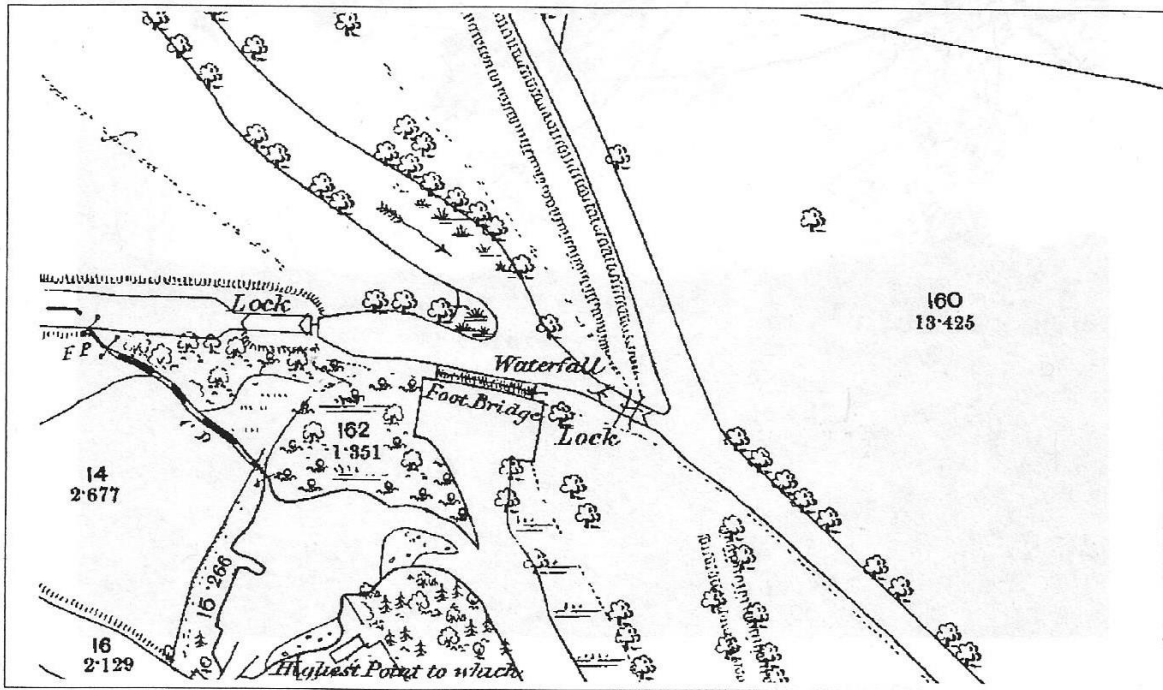


Langford Cut. Extracted from Chapman & Andre 1777 (not to scale)

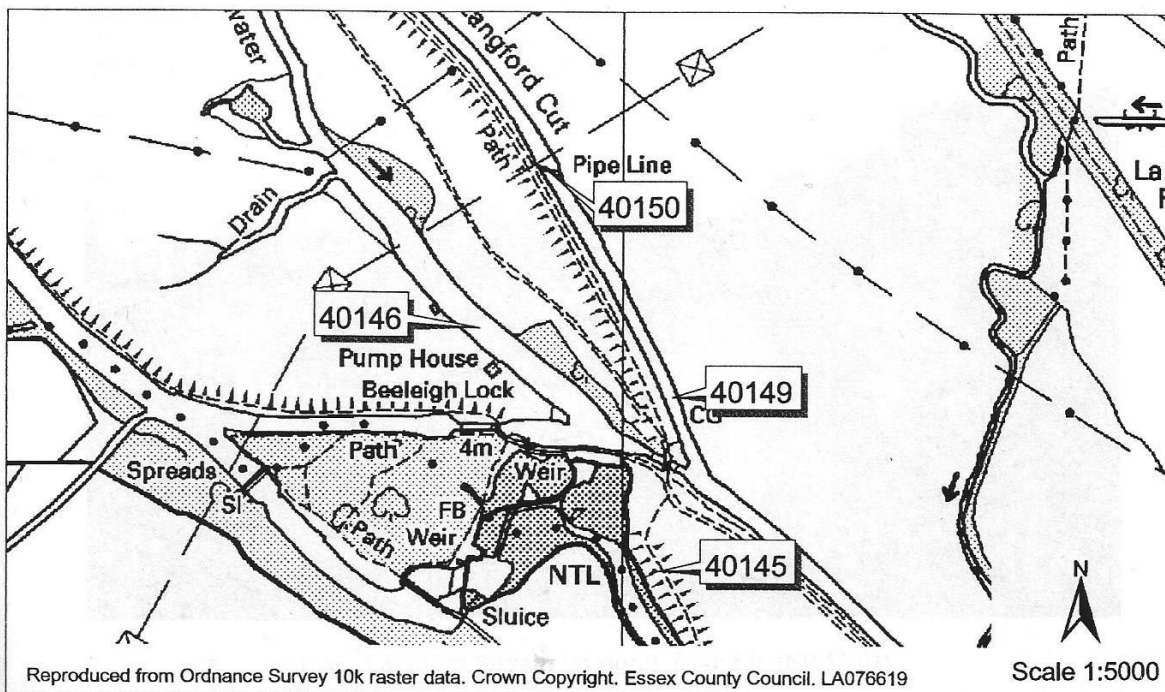


Langford Cut. OS 1897 6" 2nd edition

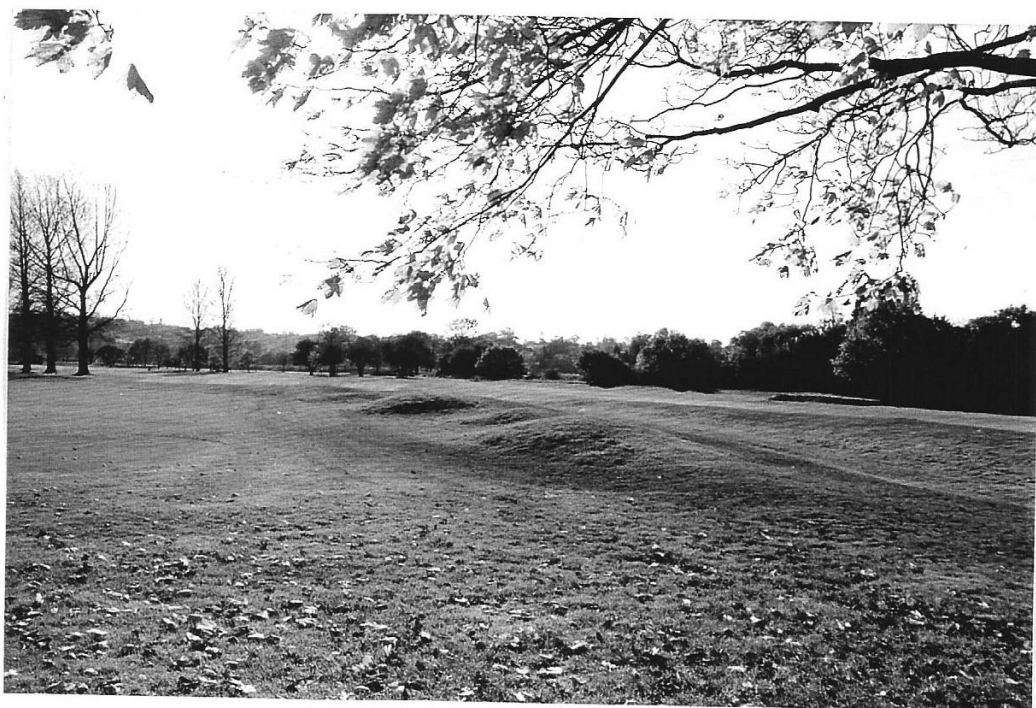




Langford Cut. OS 1875 25" 1st edition (not to scale)



Langford Cut c.1998



40145 Former course of Langford Cut, from W. (NP 11/01)



40146 Langford Stream (to right), from SE. (NP 11/01)

**SITE NAME** Langford Water Treatment Works

**TYPE** Pumping Station

**SAM** 220

**DATE** 1920s

**NGR** TL8357708987

**EHCR** 8014

**NMR**

**PARISH** Langford

**DISTRICT** Maldon

**SITE DESCRIPTION** This is the extensive site of a water treatment works adjacent to the Rivers Chelmer and Blackwater consisting of a number of structures of various ages and hence of differing significance. Southend Waterworks first developed the site in the late 1920s and the former pumping station dates from that first period of development. The building is of polychromatic bricks and the engine hall has roof lights. Windows, mainly tall semi-circular arched ones split into rectangular ones with the arched ones above, and doors are set in a variety of arches. There are also oculi in the north and south gable ends and circular windows over sets of three arched windows in the north façade. This engine hall and attached boiler house contains one of the three original pumping engines. The Lilleshall Company Ltd. of Oakengates, Shropshire provided all three engines, the first commissioned on 29<sup>th</sup> August 1927 was No. 276 "Brassey" and the second commissioned on 9<sup>th</sup> January 1931 was No. 277 "Francis". Both of these were scrapped along with the boilers and chimney after the pumping station became redundant in 1963. The extant engine is No. 282 "Marshall" which was commissioned on 13<sup>th</sup> January 1931 and, like the other two, is a steam-driven triple expansion rotative pumping engine with a capacity of 4.4 million gallons per day. The cylinders are of 20 inch, 35 inch and 56 inch bore respectively and have a stroke of 42 inches. The engine operated three high lift pump plungers and three low lift pumps which first transferred water from the sedimentation reservoirs and then forced untreated water to the treatment plant.

Adjacent to the pump house is a small building of similar design and also a circular raised filter bed with distributor. The site also contains newer pumping stations, reservoirs and housing.

**CURRENT STATUS** Scheduled Ancient Monument, County No. 220.

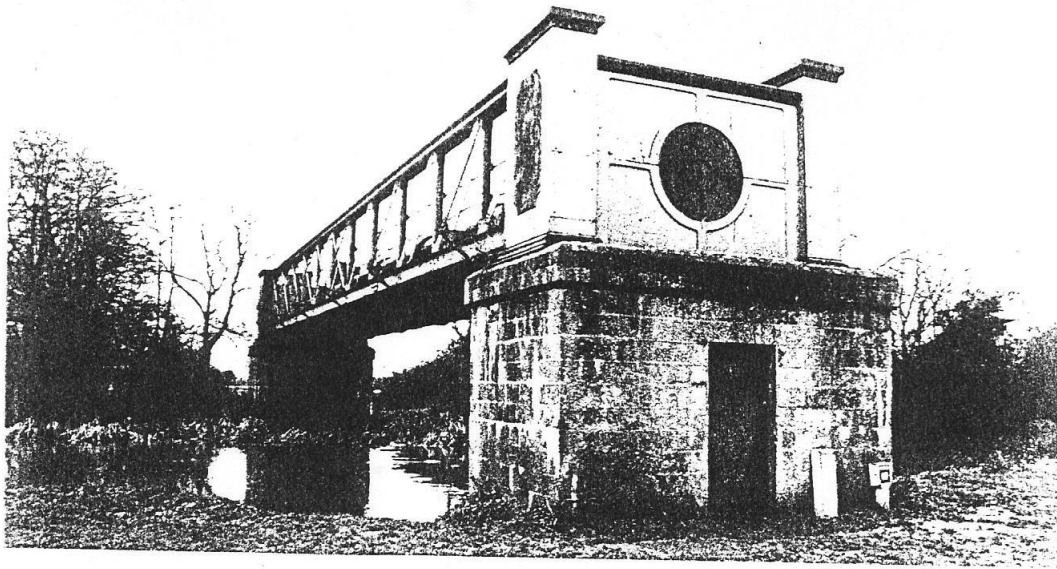
**RECOMMENDED ACTION** The Scheduling of the current structure is supported, but there are a number of ancillary structures which form part of the group and merit Grade II listing.

**MANAGEMENT** The pumping station with the engines, other structures and land are currently leased by the 'The Museum of Power'. A management agreement has been arranged with English Heritage and repair works have been made to the engine. The presentation/management strategy would benefit from a high-level engineering/architectural survey.

**GRADING** \*\*\*\*

Recorded by Tony Crosby  
Date Assessed 16/08/98

For full inventory entry see: "The Public Water Supply Industry in Essex 1850-1939: a study of its history, technology and architecture". Comparative Survey of Modern Archaeological / Architectural Remains in Essex No. 12. (1999).



Pipe bridge (site 128).

South of Langford Vets 60/85

HER 40127 TL 834086

158a

✓

**SITE NAME** Langford Mill, house, mill cottage, cut terminus and bridge

**TYPE** Mill, cut terminus, mill cottage, house

**DATE** 17th, 18th and 19th century

**NGR** TL8367409032

**EHCR** 40154 (mill), 38961 (house), 40153 (cottage)  
40151 (cut terminus), 40155 (bridge),  
and 40152 (village hall)

**NMR**

**PARISH** Langford

**DISTRICT** Maldon

**SITE DESCRIPTION** The mill was owned by Nicholas Westcombe in 1792 at the time when he had begun an extensive artificial Cut southwards to the River Chelmer to improve access to Langford. It had ten pairs of stones and one wheel. The Navigation's Long Cut joining the Chelmer to the Blackwater rivers east of Beeleigh Lock rendered the southern end of Westcombe's Cut redundant and resulted in acrimonious correspondence between the Company and Mr Westcombe. In 1811 Jonathon Stammers (of Stammers Farm) was the occupier. John Westcombe's executors are listed as owners in 1838 with John Piggott as occupier. By the 1840s John Piggott and Son worked the mill, Little Baddow mill and a wharf at Springfield, dealing in fertiliser guano, rape, cake, linseed oil, coal and timber. After 1870 Frank Tew Cantrell (also of Paper Mill) was occupier and Lady Byron of Langford Manor the owner. The mill, of five storeys driven by water and steam, was burned down in 1879, but was rebuilt in brick and occupied by Edward Lee Baker from 1880s to early in the 20th century. The last working barge carrying wheat to the mill to pass up the Cut was in 1881. The present mill of four storeys bears the date 1897.

**Cut terminus (40151)** is extant south of the mill but the wharf structures (OS 1897 and 1924) are not. Brick building, now **village hall (40152)**, on north of Langford-Hatfield road, single storey, hipped slate roof, 19th century. **Mill Cottage (40153)** is two storeys, tiled roof, to west of Cut terminus, 19th century. **Mill (40154)** is four storeys, lower two in red brick, upper two in yellow stock brick with red pilasters. Road side (south elevation) taking-in doors and projecting lucum attic (wood) fifth storey. Terracotta date stone at high level "1897". The **bridge (40155)** carries the Langford-Hatfield road over the mill tail, brick embankments. **Mill Mansion (38961)**, east of mill, 17th and 18th century, three storeys, timber-framed rear range, red tiled hipped roof, front range with arched front (south) door, sash windows, hipped slate roof, dentilled eaves, now a residence for the elderly.

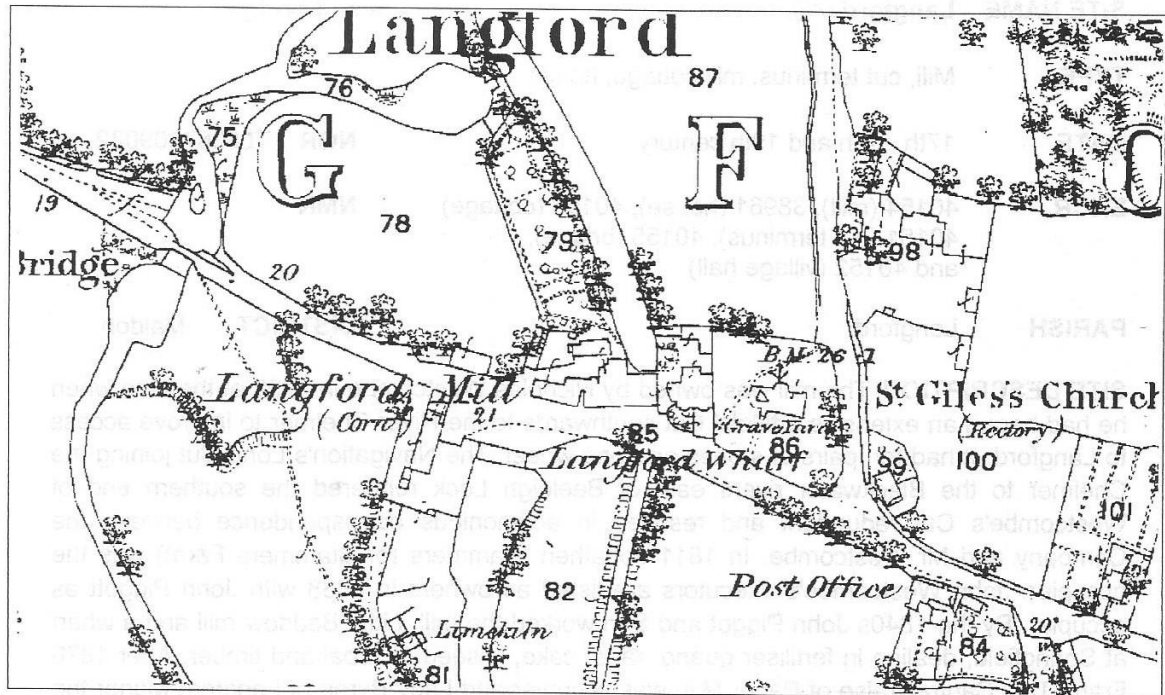
**CURRENT STATUS** Conservation Area. Mill Mansion listed grade II, No 3/11.

**RECOMMENDED ACTION** Maintain present listing. Recommend listing grade II the Mill. Sites 40151-40155 make an historically and architecturally interesting group with potential for archaeological remains which should be subjected to an impact assessment prior to any work.

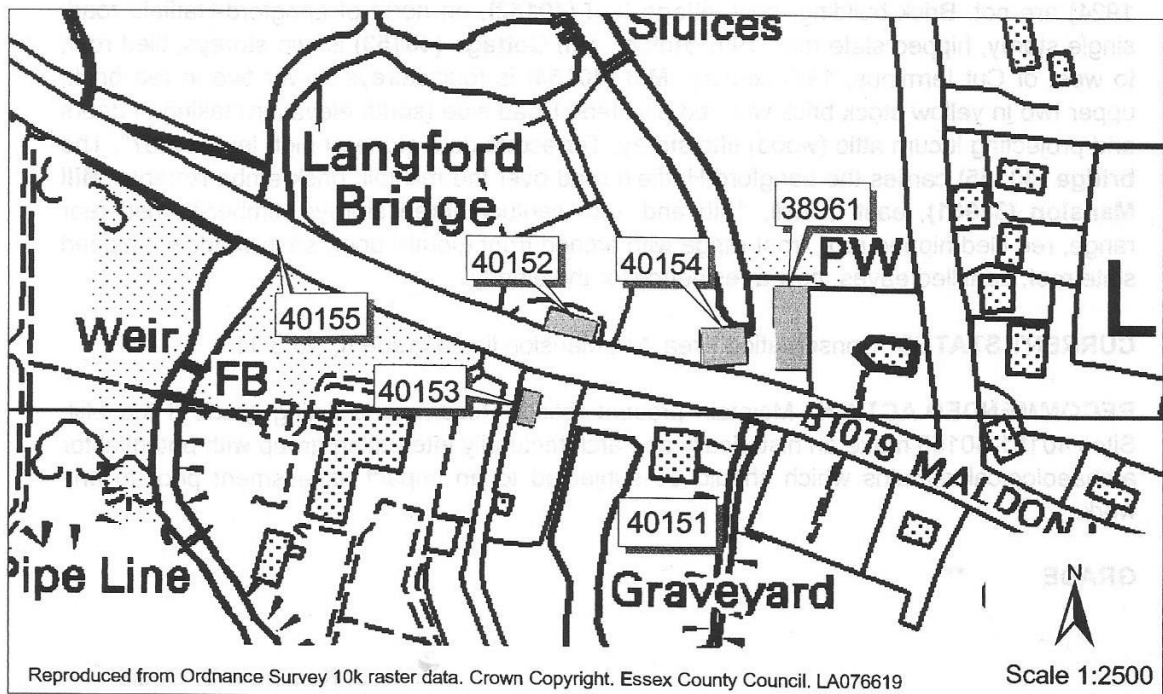
**GRADE** \*\*

J. Kemble & S. Gould  
November 1998





Langford Mill. OS 1875 25" 1st edition (not to scale)



Langford Mill c.1998





40154 Langford Mill, from S. (NP 10/01)



38961 Langford Mill Mansion, from S. (NP 10/01)



40152 Village Hall, Langford Mill, from SW. (NP 11/01)



40153 Mill Cottage, Langford Mill, from N. (NP 11/01)

**SITE NAME** Langford Lock and bridge

**TYPE** Lock and bridge

**DATE** c.1797

**NGR** TL8403008362

**EHCR** 38956 (lock), 38955 (bridge)

**NMR**

**PARISH** Langford

**DISTRICT** Maldon

**SITE DESCRIPTION** Single red brick segmental arch accommodation **bridge** over the lock chamber with three string brick course above the arch, with stone and concrete (repair) copings. Bridge spans a **lock-type brick chamber**, granite copings, balance beam lower gates only in situ, gate paddle, coffer dam stop-lock grooves absent below. (The lock structure lacking upper gates is therefore not functioning as a water level drop).

**CURRENT STATUS** Conservation Area. Listed grade II: bridge, No 3/5; lock, No 3/6.

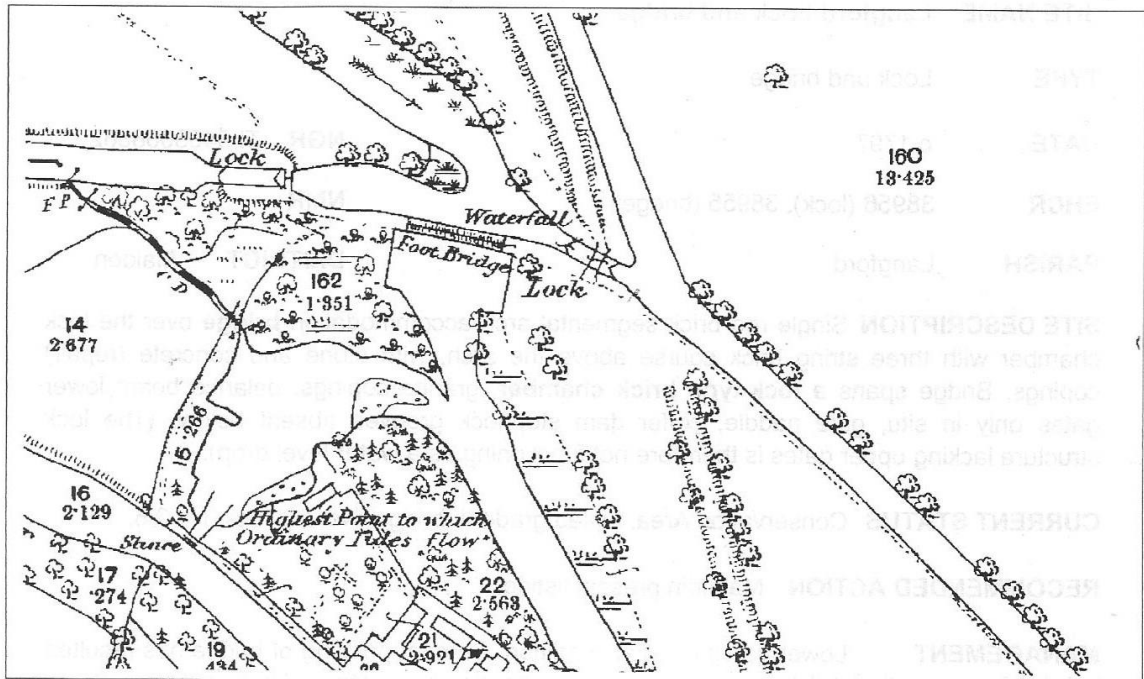
**RECOMMENDED ACTION** Maintain present listing.

**MANAGEMENT** Lower gates in good condition. Cement pointing of bridge has resulted in brick fragmentation; brick and copings require attention re-pointing with lime mortar. Some repairs appear to bridge have been carried out since 1998 inspection.

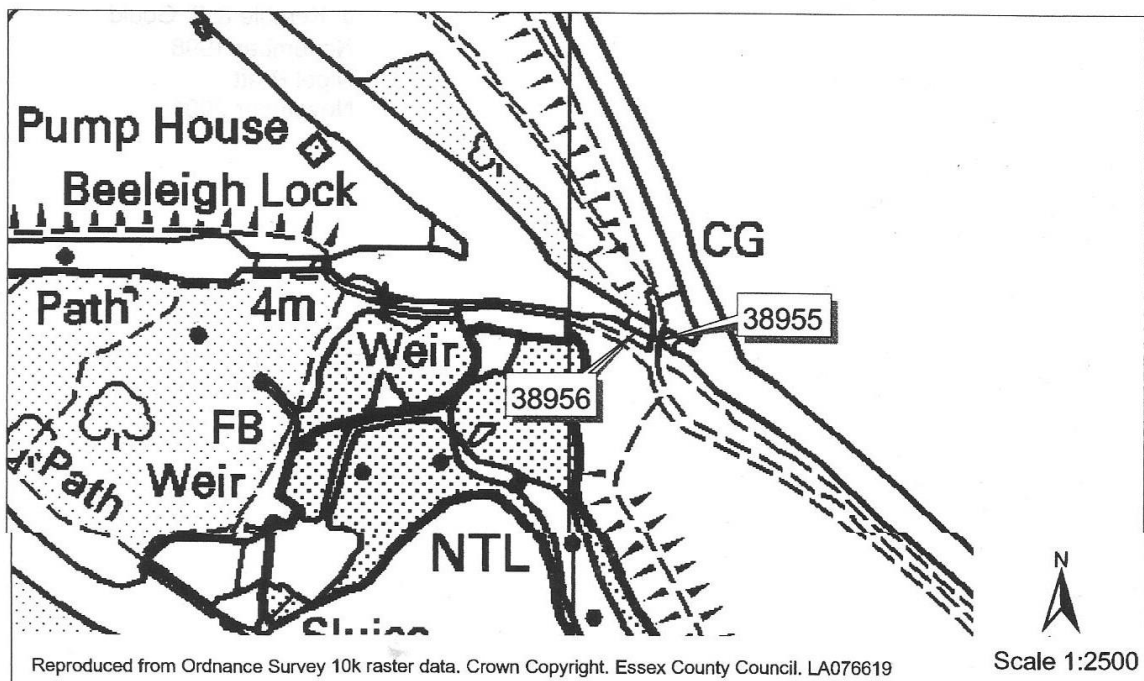
**GRADING** \*\*

J. Kemble & S. Gould  
November 1998  
Nigel Pratt  
November 2001





Langford Lock. OS 1875 25" 1st edition (not to scale)



Langford Lock c.1998



38955 & 38956 Langford bridge and lock, from W. (NP 11/01)



38955 & 38956 Langford bridge and lock, from S. (NP 11/01)



Fluted post below Rushes Lock (site 80).

EHF 40083 TL 794089



Iron girder post west of Chapman's Bridge (site 148).

EHF 40141 TL 843081

**SITE NAME** Accommodation bridge (Chapman's)

**TYPE** Bridge

**DATE** c.1797

**NGR** TL8455007974

**EHCR** 38252

**NMR**

**PARISH** Maldon

**DISTRICT** Maldon

**SITE DESCRIPTION** Yellow gault bricks with three-string red brick course above shallow segmental brick single arch, projecting piers, stone and concrete (repair) copings, late 18th/early 19th century. Single self closing swing gate at north end of bridge.

**CURRENT STATUS** Conservation Area. Listed grade II, No 574-1/1/236.

**RECOMMENDED ACTION** Maintain present listing.

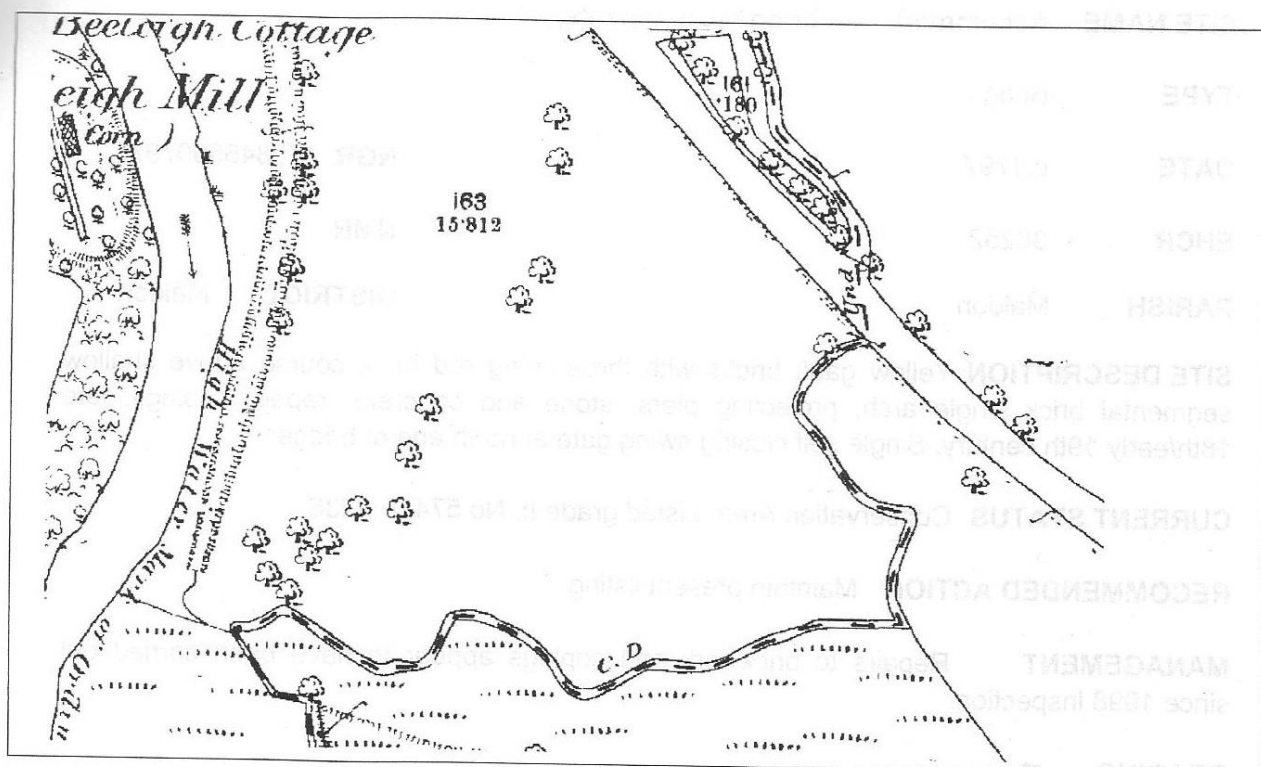
**MANAGEMENT** Repairs to brickwork and copings appear to have been carried out since 1998 inspection.

**GRADING** \*\*

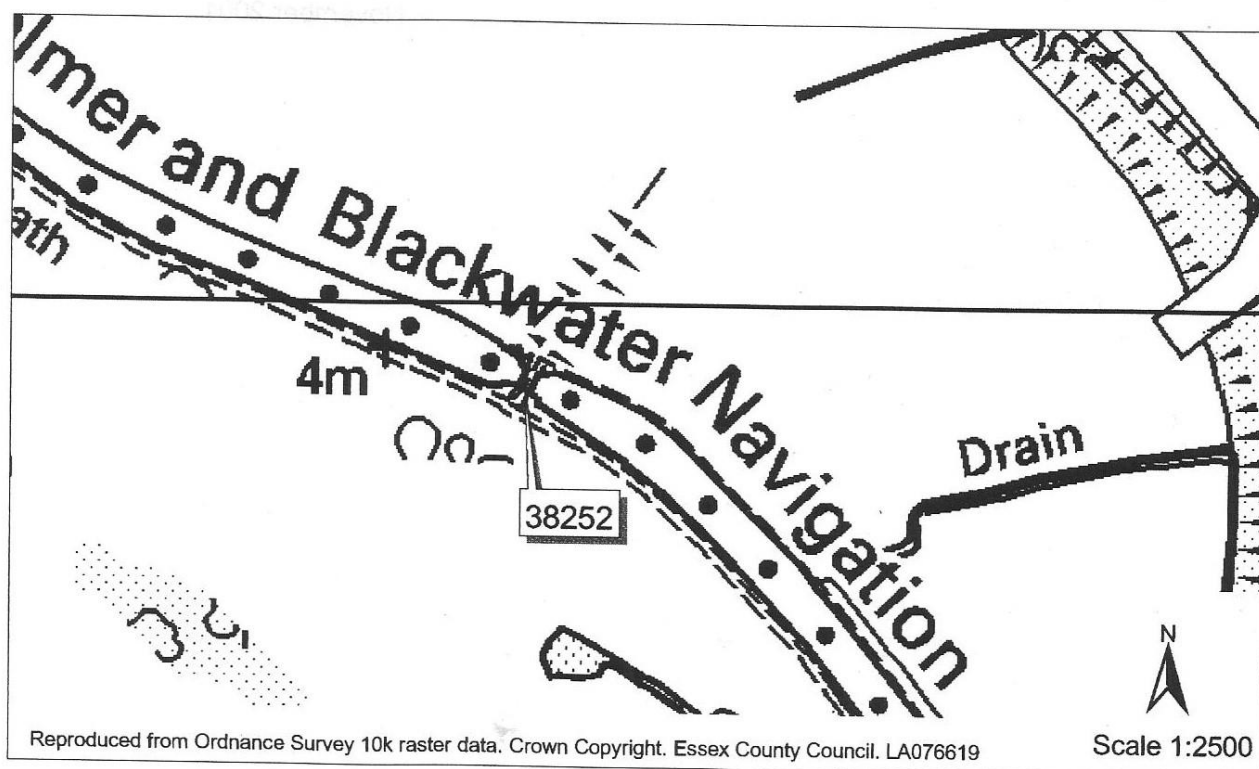
J. Kemble & S. Gould  
November 1998  
Nigel Pratt  
November 2001







Chapman's Bridge. OS 1875 25" 1st edition (not to scale)



Chapman's Bridge c.1998



38252 Chapman's Bridge, from E. (NP 11/01)



38252 Chapman's Bridge, from W. (NP 11/01)

**SITE NAME** Heybridge Mill

**TYPE** Mill house (38245), Mill (site of) (40232)

**DATE** Late 18th century

**NGR** TL8534208052

**EHCR** 38245

**NMR**

**PARISH** Maldon

**DISTRICT** Maldon

**SITE DESCRIPTION** In 1086, the Canons of St Paul's held one mill at Heybridge. In 1843 the miller was George Ward, tenant of the Dean and Chapter of St Paul's. The Navigation and Heybridge Mill headrace (River Blackwater) divide at TL853081. Headrace flows to east to **mill** (demolished 1954) south of mill house. **Mill house** timber framed and rendered, late 18th century and later, two storeys and 1 1/2 storeys with dormer, slate roof to north and tile to south (front), three stacks, twin gables, stucco porch and two pilasters. Mill leat (River Blackwater) to south connects to the Navigation to the west.

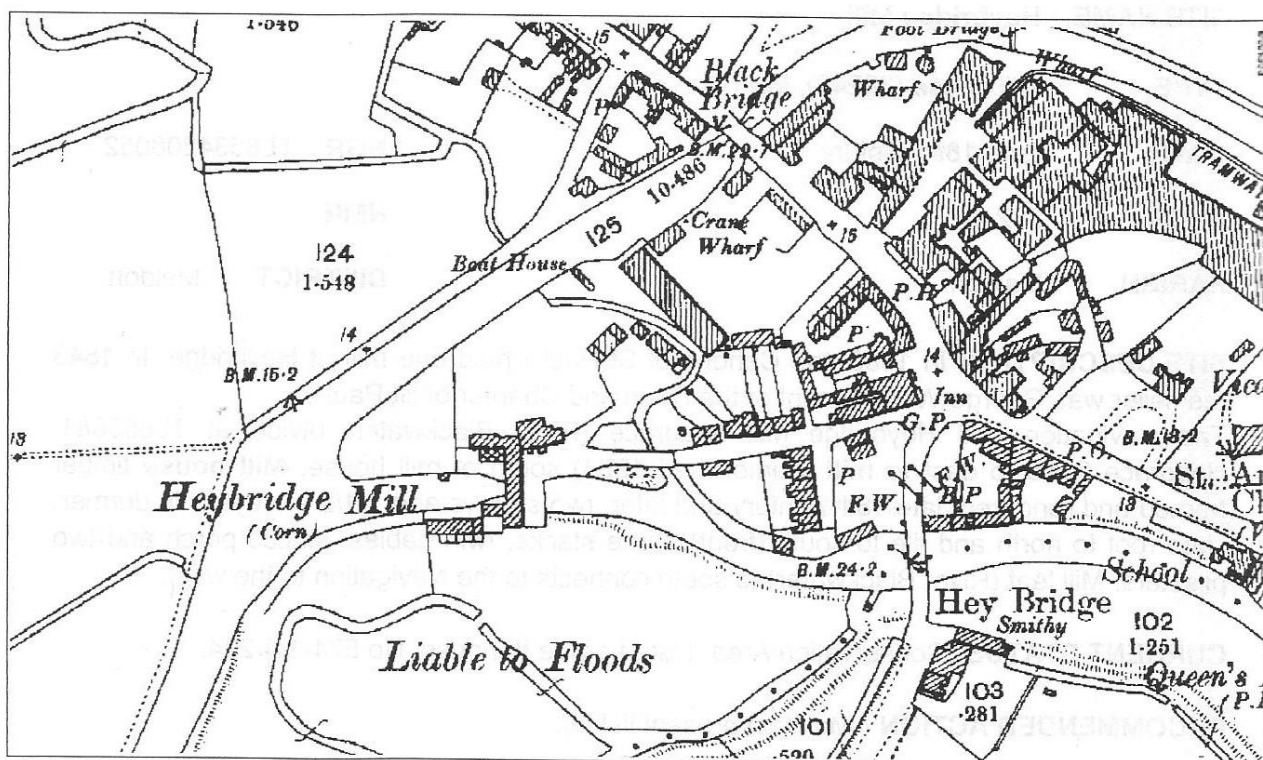
**CURRENT STATUS** Conservation Area. Listed grade II: house, No 574-1/4/234.

**RECOMMENDED ACTION** Maintain present listing.

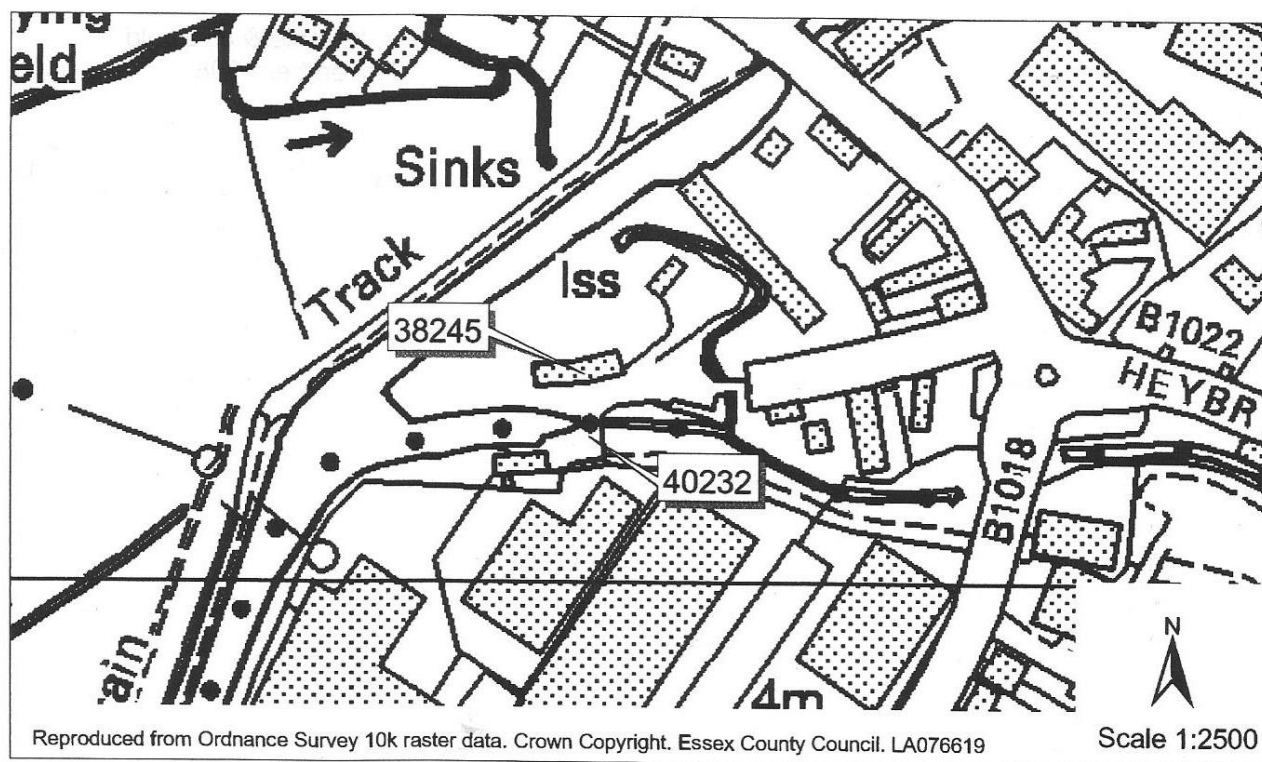
**MANAGEMENT** House in residential use. Any proposed work at mill site or adjacent should be subjected to an archaeological assessment.

**GRADING** \*

J. Kemble & S. Gould  
November 1998



Heybridge Mill. OS 1897 25" 2nd edition (not to scale)



Heybridge Mill c.1998



38245 Heybridge Mill House. (Mar 1984)



**SITE NAME** Bentall's Warehouse

**TYPE** Warehouse

**DATE** 1863

**NGR** TL8575207961

**ESMR** 15304

**NMR**

**PARISH** Maldon

**DISTRICT** Maldon

**SITE DESCRIPTION** William Bentall moved his iron foundry business from Goldhanger to Heybridge on the west side of the Navigation in 1815 and continued to prosper with the sale of his revolutionary broadshare plough, using the Navigation and railway to transport his goods. Expansion of the foundry spread to the east side and the four storey warehouse was built in 1863. A modern industrial estate occupies the foundry site to north and south of the Navigation, while the warehouse is now offices.

The warehouse is built of yellow stock brick, gabled slate roof and is four storeys with attics, three bays, seventeen windows each storey with wide arched central door facing Navigation (north). Full height pilasters with string band at 2/3 floor height. On south bank between Navigation and warehouse is a grass dock.

**CURRENT STATUS** Conservation Area. Listed Grade II, No 574-1/2/273.

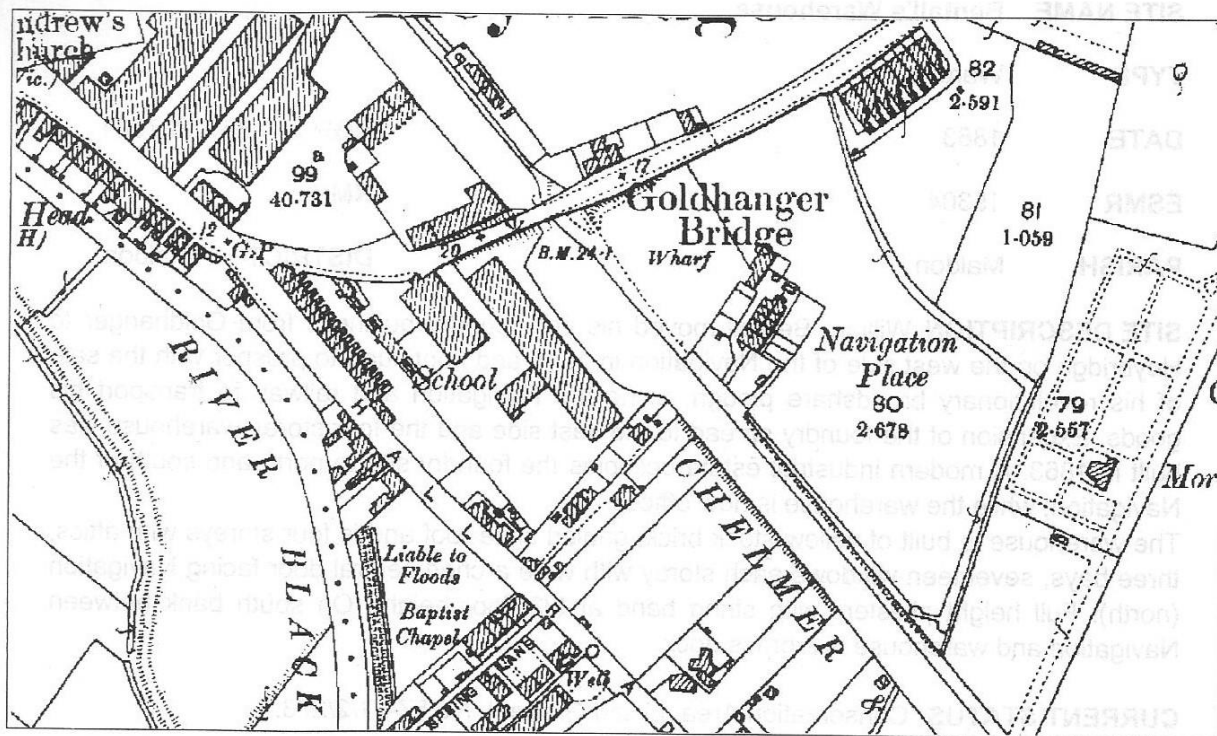
**RECOMMENDED ACTION** Maintain present listing.

**MANAGEMENT** Now offices in use.

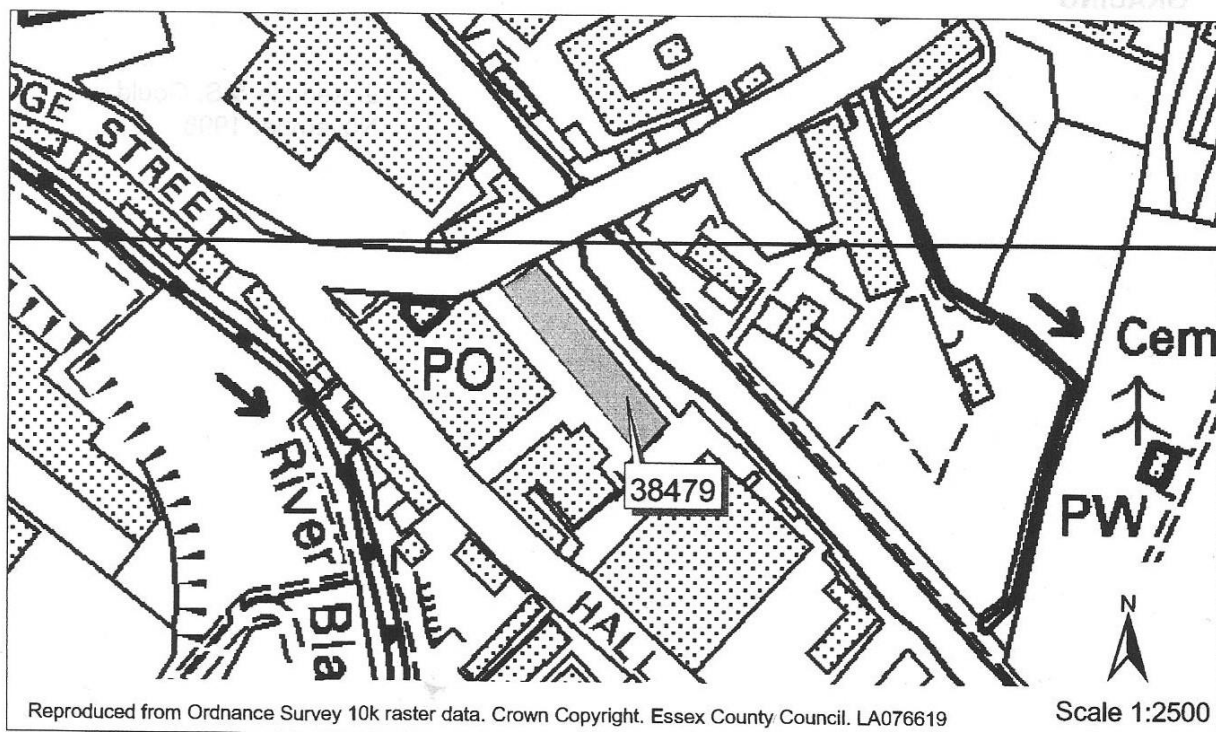
**GRADING** \*\*

J. Kemble & S. Gould  
November 1998





Bentall's Warehouse. OS 1897 25" 2nd edition (not to scale)



Bentall's Warehouse c.1998



38479 Bentall's warehouse, Heybridge. (JK & SG 11/98)

**SITE NAME** Accommodation Bridge, Heybridge Hall

**TYPE** Accommodation bridge

**DATE** c.1797

**NGR** TL 8607507639

**EHCR** 40192

**NMR**

**PARISH** Maldon

**DISTRICT** Maldon

**SITE DESCRIPTION** Red brick abutments, English bond with X ties, scaffold parapet, steel girder span supporting wood planks under concrete roadway, 3m wide. Formerly timber with brick abutments, replaced by a swing bridge in 1808. New flood gates in 1877 cost £164. The main bearers were replaced by steel in 1895.

**CURRENT STATUS** Conservation Area.

**RECOMMENDED ACTION** The bridge should be considered for listing at grade II.

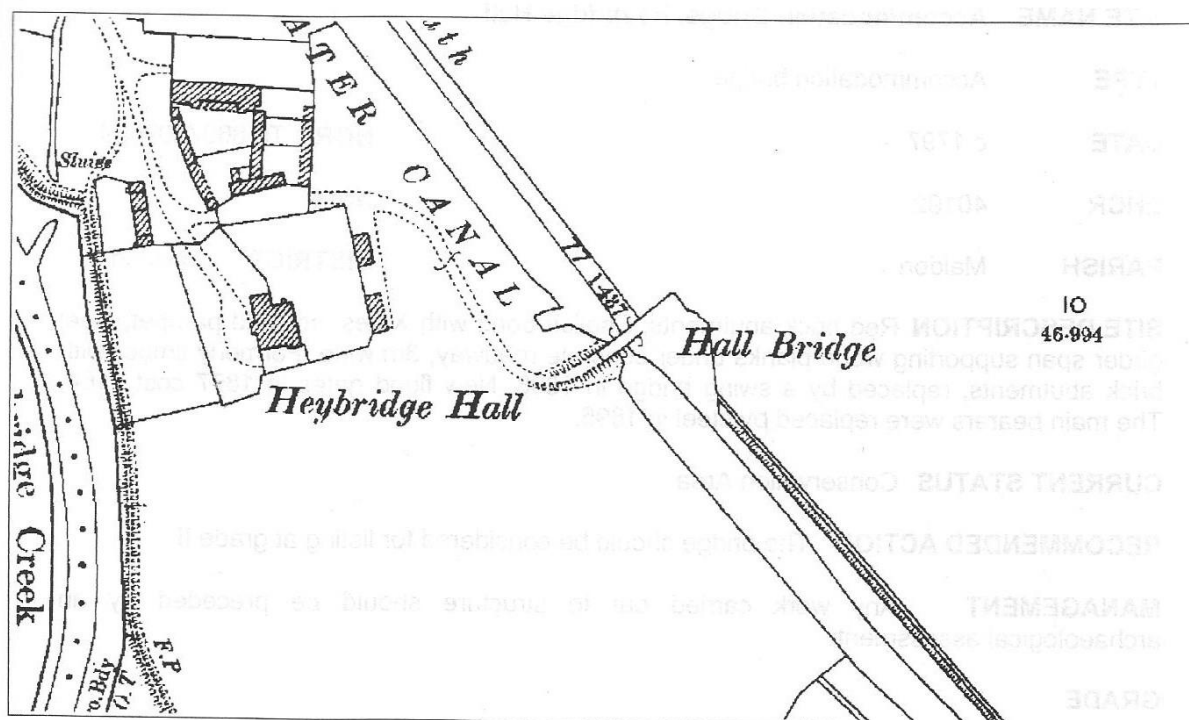
**MANAGEMENT** Any work carried out to structure should be preceded by an archaeological assessment.

**GRADE** \*\*

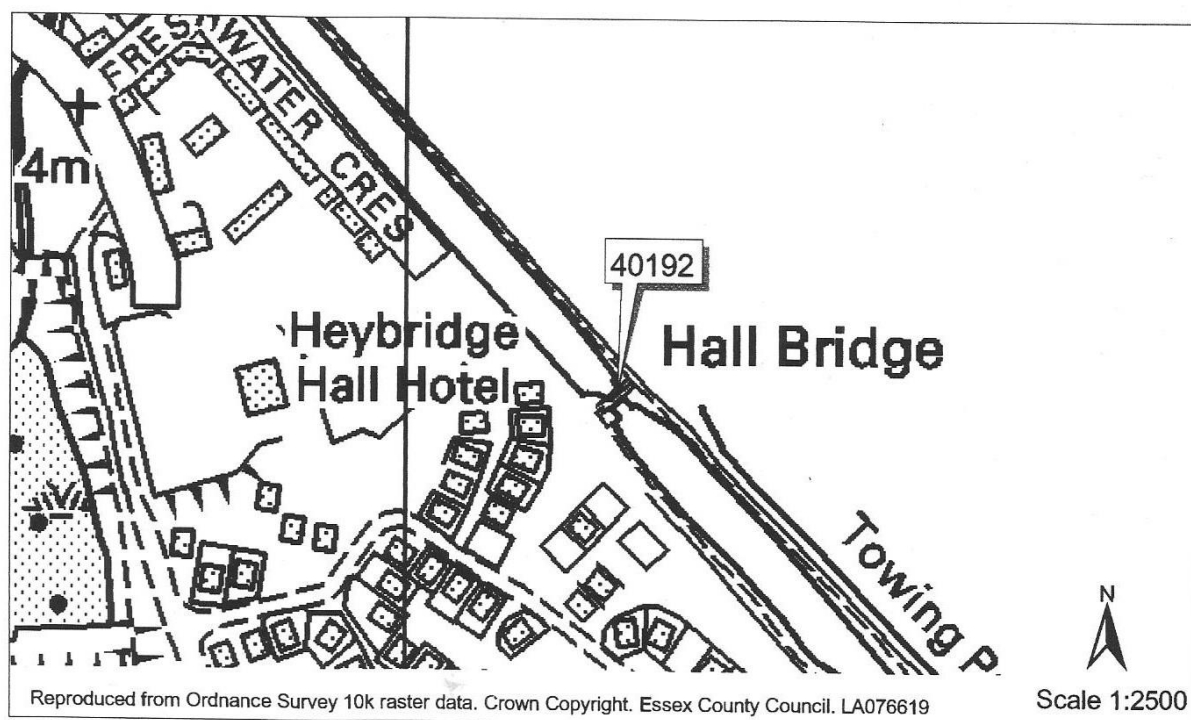
J. Kemble, S.Gould  
November 1998  
Additions by N. Pratt  
September 2001







Heybridge Hall Bridge. OS 1897 25" 2nd edition (not to scale)



Heybridge Hall Bridge c.1998



40192 Bridge, Heybridge Hall, from W. (JK & SG 11/98)

**SITE NAME** Sea Lock and lock keeper's house, Heybridge Basin

**TYPE** Sea lock and lock keeper's house

**DATE** c.1797 and early C19

**NGR** TL8720006840

**EHCR** 38303 (lock), 38302 (lock house)

**NMR**

**PARISH** Maldon

**DISTRICT** Maldon

**SITE DESCRIPTION** Lock, deep brick chamber, stone copings. Upper balanced beam, wood mitre gates have gate paddles ("Maldon Iron Works Co Ltd 1921") and steel reinforcement. Lock has been extended seawards by c.12m leaving gate hinge rebate grooves and iron fixings of former lower gates visible. Present lower mitre gates are reinforced on seaward side by a sliding steel caisson shutter which can be moved southwards on runners into a slot trench. On south bank of sea lock is a 1.2m high steel winch (JRM Fitch, Manningtree).

**Lock-keeper's house** south of sea lock. Early 19th century, painted brick with hipped slate roof having a brick stack through each flank roof slope. Two storeys; three-window range. First floor has three 2-light small-paned casements. Ground floor of front has slate hipped lean-to over pair of canted small-paned bay windows and extends forward over enclosed porch with small-paned windows. Enclosed lean-to porch on west flank with small-paned windows.

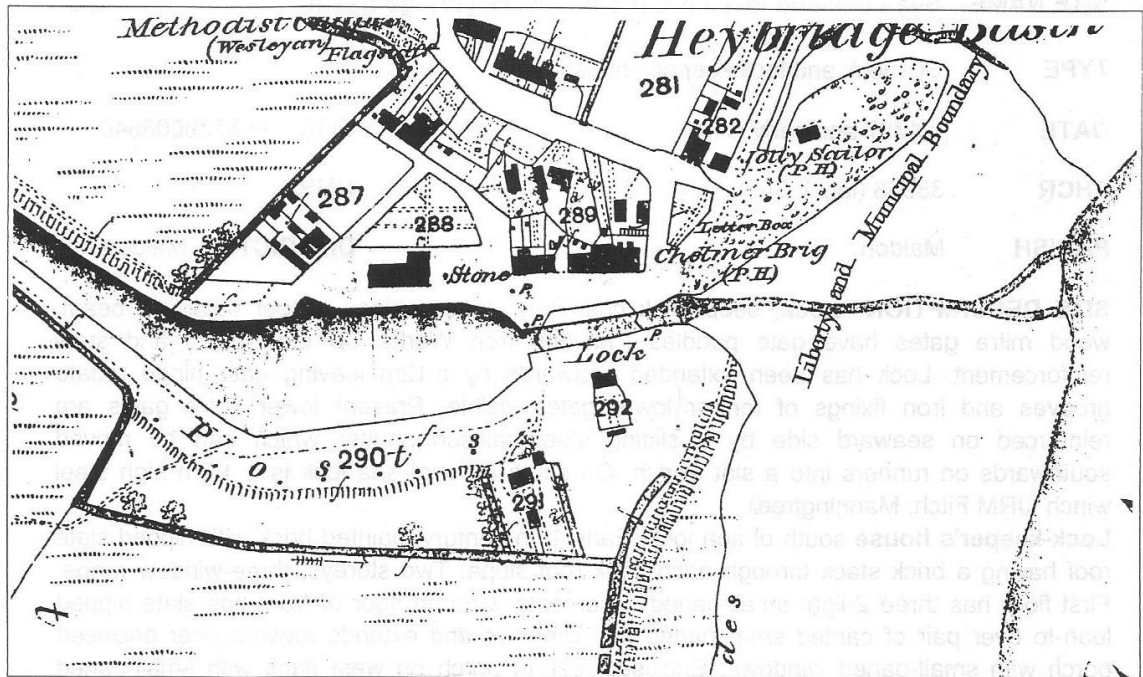
**CURRENT STATUS** Conservation Area. Listed grade II: lock, No 574-1/2/248; lock keeper's house, No 574-1/2/247.

**RECOMMENDED ACTION** Maintain present listing.

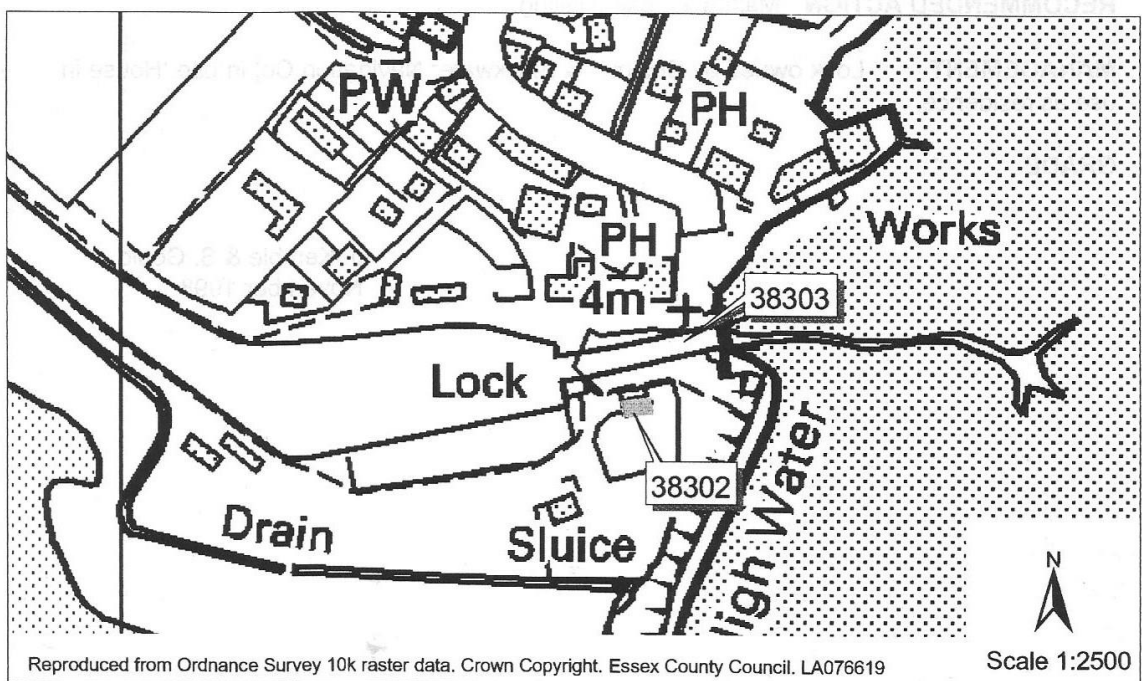
**MANAGEMENT** Lock owned by Chelmer & Blackwater Navigation Co, in use. House in use as residence.

**GRADE** \*\*

J. Kemble & S. Gould  
November 1998



Heybridge Basin Sea Lock. OS 1875 25" 1st edition (not to scale)



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Scale 1:2500

Heybridge Basin Sea Lock c.1998





38303 W end of sea lock, Heybridge Basin, from E. (NP 08/01)



38303 E end of sea lock, Heybridge Basin, from S. (NP 08/01)



38303 Slot trench, sea lock, Heybridge Basin. (JK &SG 11/98)



38302 Lock keeper's house, Heybridge Basin, from S. (NP 10/01)

### The Navigation Posts.

Along the Navigation are iron posts close to and at a distance from the bank which, in some instances when not located near to locks, appear to mark the boundary of the Navigation from adjacent fields. The following lists the Posts from west to east. EHER, EHCR, ESMR = Essex Historic Environment Record, held at Essex County Council, Chelmsford

- SITE 29. Post**, TL743079, north of Cuton lock, 5m from west bank, castiron, cylindrical, diameter 7" (18cm) x 18" (45cm) tall. EHER 40030
- SITE 31. Post**, TL744080, 4m from north bank, castiron, cylindrical, diameter 7" (18cm). EHER 40032
- SITE 34. Post**, TL745080, 4m from north bank, castiron, cylindrical, diameter 7" (18cm). EHER 40035.
- SITE 35. Post**, TL746081, 4m from north bank, castiron, cylindrical, diameter 7" (18cm). EHER 40036
- SITE 37. Iron girder**, TL748081, west of Stonhams lock, 7m from north bank, with inscription C&BN. EHER 40039
- SITE 44. Post**, TL757084, west of Little Baddow lock, 3m from north bank, round-headed, iron, rectangular, 20" (50cm) tall, ?19th century, with inscription CB  
N EHER 40046
- SITE 57. Post**, TL776089, west of Paper Mill lock, iron, cylindrical, 18" (45cm) high, 7" (18cm) diameter, inscr x d "C&BN" EHER 40058
- SITE 60. Fluted octagonal post**, TL776090, 30m below Paper Mill (Husketts) lock, 3 feet (90cm) high, 8" (20cm) diameter on south bank. Resembles Site 80. EHER 40062
- SITE 65. Post**, TL778090, below Paper Mill roadbridge, iron, cylindrical 2ft (30cm) high, 7" (18cm) diameter, 4m from south bank. EHER 40067
- SITE 66. Post**, TL779092, cylindrical, iron, 2ft (30cm) high, 7" (18cm) diameter, 4m from south bank. EHER 40068
- SITE 69. Post**, TL784090, cylindrical iron, 2ft (30cm) high, 7" (20cm) diameter, 3m from south bank. EHER 40071
- SITE 80. Fluted octagonal iron pillar**, TL795090, below Rushes lock, 2ft (30cm) high, 8" (20cm) diameter, 5m from south bank bearing plate "Greenwood Manufacturer Chelmsford", resembles Site 60. EHER 40083
- SITE 99. Iron post**, TL809084, east of Hoe Mill lock, with arched top, 10m from south bank. On the north bank, 600 yds below Hoe mill bridge was found a bronze-age **palstave** (axe) in 1935, 8m down in the gravel (TL809085) (Essex Sites and Monuments Record No 7755), now in Colchester Museum. EHER 40101
- SITE 102. Iron post**, TL811086, with arched top 5m from south bank. EHER 40101
- SITE 104. Iron post**, TL812086, with arched top 10m from south bank. EHER 40106
- SITE 105. Iron post**, TL812086, west of bridge carrying two large pipes over Navigation, with arched top, 20m from south bank. EHER 40107
- SITE 106. Iron post**, TL812087, with arched top, 10m from south bank. EHER 40108
- SITE 109. Post**, TL813087, east of bridge carrying two large pipes over Navigation, 5m from north bank, cylindrical, iron, 7" (18cm) diameter inscribed C&BN. EHER 40111
- SITE 111. Post**, TL814085, 5m from north bank, cylindrical, iron, 7" (18cm) diameter inscribed C&BN. EHER 40113
- SITE 113. Post**, TL815085, 4m from north bank, cylindrical, iron, 7" (18cm) diameter inscribed C&BN. EHER 40115
- SITE 115. Post**, TL819087, in north copse, cylindrical, iron, 7" (18cm) diameter inscribed C&BN. EHER 40117

**SITE 116. Post**, TL820087, west of **Ricketts** weir, 4m from north bank, cylindrical, iron, 7" (18cm) diameter inscribed C&BN. EHER 40118

**SITE 148. Iron girder**, TL843080 on south of river west of **Chapman's** bridge, with inscription CB N. EHER 40141

**SITE 151. Post**, TL843082 east of Langford Cut-Navigation junction, 4m from south bank, iron, cylindrical, 7" (18cm) diameter with inscription C&BN. EHER 40144

**SITE 166. Post**, TL847078, 5m from north bank by mitred flood-protection gates (site 146), cylindrical castiron, 7" (18cm) diameter. EHER 40156

*Here is Maldon bypass roadbridge.*

**SITE 171. Post**, TL849078, 5m from north bank, cylindrical, castiron, 7" (18cm) diameter, with inscription C&BN. EHER 40161

**SITE 173. Post**, TL850078, 10m from north bank, cylindrical, castiron, 7" (18cm) diameter, with inscription C&BN. EHER 40163

**SITE 179. Post**, TL853081, 6m from north bank of Navigation, cylindrical, castiron, 7" (18cm) diameter. EHER 40169

**SITE 182. Post**, TL853082, 4m from north bank, cylindrical, castiron, 7" (18cm) diameter. EHER 40172

**SITE 184. Three posts**, TL853082, 4m, 6m from north bank and 10m north of junction of towpath with a lane leading to Langdon road, cylindrical, castiron, 7" (18cm) diameter). EHER 40174

**SITE 194. Bentalls warehouse**, Heybridge, TL857079, on south bank with grass dock and two cylindrical castiron posts, 7" (18cm) diameter on dockside. EHER 38479

**SITE 195. Post**, TL857079, 4m from north bank, cylindrical, castiron, 7" (18cm) diameter. EHER 40184

**SITE 199. Post**, TL860078, 5m from south bank, cylindrical, castiron, 7" (18cm) diameter. EHER 40188

**SITE 200. Post**, TL860078, 5m from south bank, cylindrical, castiron, 7" (18cm) diameter. EHER 40189

**SITE 201. Post**, TL860077, 5m from south bank, cylindrical, castiron, 7" (18cm) diameter. EHER 40190

**SITE 205. Post**, TL861076, 5m from south bank, 10m east of **Heybridge Hall** bridge, cylindrical, castiron, 7" (18cm) diameter. EHER 40194

*Here is Heybridge Basin.*



## The Farms and Residences.

**Barnes Farm**, Springfield. TL725065. Lies northwest of Barnes lock. EHER 31475

**History:** This was Spryngefeldebernes in 1441, and Barnes in the 16th century. In 1839 the farm belonged to Lady Mildmay in the occupation of John Marriage. In 1857 he suggested that treated sewage from Chelmsford, an increasingly urgent problem, be diverted onto the fields of Barnes Farm for irrigation. A Main was completed in 1866 from the tanks off Lady Lane to Barnes and thereafter for discharge into the floodgate hole at the mill.

**Description:** Timber-framed house, 16th century, with refacing in 17th. The five-bay barn to the northeast is 16th century, timber-framed and weather-boarded, hipped roof. Listed 7/50, 7/165.

**Prentice's Farm**, Springfield. TL729065. (Site 9). Lies east of Barnes Mill. EHER 31005

**History:** May be associated with Thomas Prentys who was a supervisor of sales of victuals in the Chelmsford market in 1419 and in 1428 a parliamentary tax collector. In 1839 the farm was owned by Lady Mildmay and occupied by Thomas Marriage.

**Description:** Timber-framed two storey house on brick platform with crosswing on east. Roof tiled, central chimney stack. (East wing gone). Mid 20th century farm outbuildings on west with asbestos roofs. Eastern outbuildings (shown on OS 1875) now gone. Listed 965.

**Pease Hall**, Springfield. TL736067. Lies northwest of Sandford Lock. EHER 30843

**History:** Associated with Sewel Peyse in 1248, the farm was Peyses in 1523. The buildings shown but unnamed on the map of 1777. In 1839 the owner and occupier of the house and mill was Thomas Marriage. Pease's Hall is shown in 1875 with a corn windmill in the corner of the field to the southwest which had become disused by 1919.

**Description:** Timber-framed and plastered with end gables, two storeys, roof tiled, of 17th century. Listed 9/846.

**Storms Farm**, Springfield. TL740064. (Site 20). Lay immediately north of Sandford Lock, east of Brook End Road. Buildings shown unnamed on map of 1777. In 1839 William Johns was owner and occupier. Shown named on OS maps 1875 and 1919 and airphoto 1945. now gone; represented by a few low earthworks. EHER 40021

**Whitwell's Farm**, TL753078 Little Baddow. Lies southeast of Stonhams Lock. EHER 40224

Was Whytewell in 1404; Witwells in 1777 owned by Captain Stoneham. In 1839 owned by Suckey Anna MacLachlan, occupied by Isaac Florey. Joseph Pratt, agricultural labourer, was living here with his wife and two sons in 1881.

**Phillow's Farm**, Little Baddow. TL754078. Lies southeast of Stonhams Lock. EHER 30628

Associated with Robert Vys de Lu, Videlou (wolf-face) in 1248, 1315. Marked "Sparrow" in 1777. In 1839 owned by Sir Brook Bridges, occupied by William Josling. In 1881 it was occupied by Thomas Joslen, farmer, his wife and son. Listed 332.

**Hoe Mill**, Woodham Walter/Ulting. TL808083. (Site 97). EHER 40099

**History:** The lock cottage was built by the Navigation Company c1797. In 1838 it was owned and occupied by Robert Marriage with the coal yard and mill.

**Description:** **Lock keepers house**, north of the lock, red brick with Gault brick east facade, 2 storeys, hipped slate roof, sash windows, 2 stacks, built late 18th century; single storey modern extension on west. Listed 3/67. **Mill House**, south of tailrace now a residence, Gault brick, hipped grey slate roof, two gault brick stacks, early 19th century. Door porch canopy supported on two Tuscan columns. Listed 3/191. EHER 39009

**Management:** Probable survival of technological elements of mill. Proposed work at lock, lock house, mill or mill house premises should be preceded by a full archaeological impact assessment.

**Stammer's Farm**, Ulting. TL818090. Lies north of the Navigation between Hoe and Ricketts locks. EHER 38991

**History:** Buildings shown unnamed in 1777. In 1838 the owner and occupier was Mary Stammers. (See Beeleigh Mill and Langford Mill).

**Description:** Timber-framed and pargetted with red tiled roof and two external end stacks. Two storeys with gabled crosswing, 16th century. 19th century cartlodge, timber-framed and weather-boarded with thatched roof, L-plan with 9 and 5 bays. Listed 3/48, 49, 50 (formerly as Tanhouse Farm).



**Beeleigh Grange, Maldon.** TL839079. (Site 143). EHER 38243

**Description:** Weather-boarded and timber-framed, two storeys, crosswings, red tiled roof, end gables, from 18th century. Listed 574-1/1/232.

**Beeleigh Abbey, Maldon.** TL840087. (Site 145). EHER 38237

**Description:** The chapter house and dormer with a barrel-vaulted passage survive of the Abbey buildings dating from 13th century. Beeleigh Cottage, west of the abbey, of red brick English bond, 2 storeys, hipped with pantiles, from 16th century. Barn adjacent is part timber-framed and weather-boarded with tiled roof. 20m of the boundary wall in red English bond north of Abbey entrance dates from 16th century. Listed 574-1/1/225,226,227.

**Langford Mill Mansion, Langford.** TL837090, (Site 164). EHER 38961

**Description:** On east of Mill, 3 storeys, timber-framed rear range, red tiled hipped roof, front range with arched front (south) door, sash windows, hipped slate roof, dentilled eaves, now a residence for the Elderly, 17th and 18th century. Listed 3/11.

**"Navigation Cottages", Heybridge, TL857080, (site 190).** EHER 38304

**Description:** On north bank west of Goldhanger Bridge, two storeys, rendered, tiled roof, gable ends, 19th century, flat roof extensions of 1960s northwest and southeast

*For Heybridge Basin Residences see Sites Gazetteer Nos 208-232.*

### Second World War Pillboxes.

- SITE 15. Pillbox**, TL737063, south of Pease hall, 40m north of northbank. EHER 10166
- SITE 21. Pillbox**, TL741063, east of Sandford Lock, south of river. EHER 10167
- SITE 26. Cuton Lock**, TL743076. 2nd World War hexagonal pillbox on central island, single cell with central pillar is of type FW3/24 (EHER No 10160).

### Self-closing Gates.

Along the towpath are self-closing wooden gates, wide enough for a horse, often at field boundaries, to control cattle and sheep movement. The gate posts suggest some of these may be of considerable antiquity, possibly from construction of Navigation. The following lists the Gates from west to east.

- SITE 58. Selfclosing wooden swing gate**, TL776090, single, west of Paper Mill (Husketts) lock. EHER 40059
- SITE 61. Selfclosing wooden swing gate**, TL776090, single, and oak post on south bank (as Site 58), east of Paper Mill (Husketts) lock. EHER 40063
- SITE 72. Selfclosing wooden swing gate**, TL786090, above Cardfields Farm-Bassetts Farm footbridge, on south bank towpath at field boundary. EHER 40074
- SITE 78. Selfclosing wooden swing gates**, TL793094, above Rushes lock, double, at field boundary. EHER 40078
- SITE 83. Selfclosing wooden swing gates**, TL796089, below Rushes lock, double. EHER 40086
- SITE 87. Selfclosing wooden swing gates** TL796087, above All Saints Church, Ulting, double. EHER 40090
- SITE 125. Selfclosing wooden swing gate**, TL832086, single, south of Langford Water Works, at west end of meander copse (126). EHER 40124
- SITE 127. Selfclosing wooden swing gate**, TL833086, above Langford Water Works pipe bridge, single, modern, at east end of meander copse. EHER 40126
- SITE 130. Selfclosing wooden swing gate**, TL836085, below Langford Water Works pipe bridge, single, modern. EHER 40129
- SITE 147. Selfclosing wooden swing gate**, TL846080, at north end of Chapman's Accommodation bridge, single, EHER 38252
- Here is Maldon bypass roadbridge.*
- SITE 170. Selfclosing wooden swing gate**, TL849078, single, modern but with an old oak gatepost EHER 40160
- SITE 180. Oak gatepost**, TL853081, marks site of former selfclosing swing gate. EHER 40170

### The Boathouses.

- SITE 75. Boathouse**, TL791094, (shown on OS 1924) below Cardfields Farm-Bassetts Farm footbridge on north bank, not extant. EHER 40079
- SITE 77. Boathouse**, TL793094, (shown on OS 1897 and 1924) on north bank above Rushes lock, not extant. EHER 40081
- SITE 90. Boathouse**, TL801088, (shown on OS 1897), on north bank, below All Saints Church, not extant in 1924. EHER 40092
- SITE 135. Boathouse**, TL839084, (shown on OS 1897 and 1924), above Beeleigh lock south of Long Cut, not extant. EHER 40133

### **The Meanders, Water Feeders and Earthworks.**

Along the length of The Navigation, the water flow is enhanced by water feeders from surrounding land. These are in many cases dug earthwork ditches, some piped. River meanders have been bypassed by artificial Cuts and, when silted, now constitute copses and reed beds. Site numbers refer to the Site Gazetteer. The following lists from west to east:

**SITE 4. Water feeder ditch** from the south. TL722063, east of Old A12 roadbridge. Now silted. In 1591 the fields on the south of the river were ploughed in strips (Essex Sites and Monuments Record No 5713).

**SITE 5. Water feeder system.** TL724064, southwest of Barnes Farm. Consists of several confluent ditches from north still functional. **Management:** Preserve.

**SITE 6. Water feeder ditch.** TL725065, southeast of Barnes Farm. Empties into a 2 x 2 feet stone-lined culvert box drain (site 6a), 15 metres north of concrete and metal scaffold footbridge (6b) at the separation of the river from the cut to the lock, 6m west of the river bank. **Management:** Preserve feeder system and culvert. EHER 40010

**SITE 8. Water feeder,** TL728066, east of Barnes lock, from north now modern concrete, piped.

**SITE 10. Water feeder** TL730066, southeast of Prentice's Farm, from north, dry pool, now an earthwork depression only.

**SITE 11. Water feeders north and south of river.** TL731066, now replaced by brick- and concrete-capped sewer.

**SITE 12. River meander** TL733066 north of Navigation Cut now represented by earthwork depression and copse.

**SITE 14. Side channel** TL737063 diverts southwards rejoining main river east of Sandford Mill collecting water feeders.

**SITE 20. Storms Farm.** TL740064 east of Sandford lock. Shown on OS maps 1875 and 1919, now gone; represented by a few low earthworks. EHER 40021

**SITE 23. Navigation cuts through four meanders,** TL743066, the first to the south, remainder to the north of Cut, before passing in a new channel under Chelmsford bypass (A12) flyover (opened 1986). Fence line marks the extent of the two eastern meanders.

**SITE 25. Meander,** TL745068, east of A12 bypass, to the west of navigation, survives as a reed bed with wildfowl. EHER 40025

**SITE 27. Water feeder,** TL 742077, north of Cuton lock, from the west, brick-lined with blue engineering brick of probable recent origin passing under A12 bypass. EHER 40028

**SITE 28. Water feeder ditch,** TL742078, from the west, unlined, passing under A12 bypass (Not shown on OS 1875). EHER 40029

**SITE 30. Water feeder,** TL743079, from west, concrete outlet into Navigation. Former line of feeder survives as an earthwork ditch to the north of present at bend of river eastwards. EHER 40031

**SITE 32. Meander,** TL744079, on south of Navigation survives as a copse. EHER 40033

**SITE 36. Water feeder and meander,** TL747081, west of Stonham's lock, from north survive as a copse. Post on north edge of copse, castiron, cylindrical 7" diameter, marks field boundary. Feeder EHER 4037; Post 40036

**SITE 39. Meander,** TL752082, northeast of Stonham's lock, on east of Navigation, survives as a reed bed with wild fowl.

**SITE 40. Meander,** TL752083, on west of Navigation (shown on OS 1875 and 1919) now gone.

**SITE 41. Water feeder,** TL753086, from west survives as an earthwork ditch containing water passing under towpath in a cement wide-bore pipe.



*Here the river makes a 90 degree turn southeast.*

**SITE 42. Water feeder**, TL754086, from the north is an earth ditch in scrub.

**SITE 43. Meander**, TL755085, from south of Navigation survives as a copse.

**SITE 48. Water feeder**, TL763086, from north, earth ditch runs immediately to the west of the Boreham road and issues into the river 5m west of Black Bridge.

**SITE 51. Water feeder, Sandon Brook**, TL764086, from south, is an earthwork ditch. Towpath crosses ditch on a modern

**SITE 52. Water feeder**, TL765086, from south marking western end of meander. 12" high cast iron column inscribed "JT", 3m from south bank.

**SITE 53. Earth bank**, TL765086, 2m high with ditch on east runs north at 90 degrees from north bank of river. 40056

**SITE 54. Water feeder**, TL765086, from south marks eastern end of meander (52), silted, alignment marked by tree-line and a large coppiced willow.

**SITE 55. Water feeder**, TL772087, from south at east end of copse.

**SITE 56. Large reed lake**, TL772088 east of Paper Mill lock, on north of Navigation with wildfowl. 40057

**SITE 62. Water feeder**, TL776090, from south enters Paper Mill millpond.

**SITE 63. Paper (Husketts eastern) mill**, TL777090, (OS 1897) replaced by modern bungalow with garden on west. Tailrace re-enters the river immediately west of road bridge, having been joined by a **Water Feeder** from north. 40065

**SITE 68. Water feeder**, TL781092, east of Paper Mill bridge, from northeast marked by fence line.

**SITE 70. Water feeder**. TL798090, earthwork ditch from north.

**SITE 71. Water feeder**, TL785090, earthwork ditch from south.

**SITE 73. Three parallel field boundaries**, TL788092, as banks, ditches and hedge separate long curvilinear fields on south of Navigation. 40075

**SITE 74. Water feeder**, TL788093, from north (OS 1897) now gone.

**SITE 76. Large meander**, TL792094, on north side marked by tree line.

**SITE 88. Two water feeders**, TL800088, west of All Saints Church Ulting, from north deriving from a spring surround by a copse. 40091

**SITE 91. Water feeder**, TL803087, from south, a copse.

**SITE 92. Meander feeder** (Scotch Marsh), TL804087 southeast of All Saints Church Ulting, from northeast. Evidence of former field boundaries and enclosures are shown in airphotographs (Essex Sites & Monuments Record No 8883). 8884

**SITE 93. Water feeder**, TL804087, from west ploughed out, now arable.

**SITE 94. Water feeder**, TL804083, northwest of Hoe weir, from west, earthwork ditch realigned from OS 1897.

**SITE 98. Field bank**, TL809083, east of Hoemill bridge, runs parallel to river 10m from south bank for c 200m.

**SITE 100. Copse**, TL811086, east of Hoemill bridge, on south bank with earthwork mound at eastern end.

**SITE 101. Water feeder**, TL811086 west of Langford Road cottages, from north; towpath crosses by a modern metal tubular bridge with concrete buttresses. Wooden piles of earlier bridge visible beneath. EHER 40103

**SITE 103. Willow copse**, TL811087, on north bank, former site of one cottage (Tithe 1841 occupier William Aldham) and 2 cottages (OS 1897), fronting onto Langford road. EHER 40105

**SITE 112. Water feeder**, TL815085, from south not extant into the Navigation but ditch survives in field.

**SITE 114. Meander copse**, TL819087, on north side. In the meadow to the north, south of Stammers Farm, are cropmarks of a ringditch 10m diameter and two rectangular enclosures (ESMR No 8883).

**SITE 120. Rickett's Tail-lock accommodation Bridge**, TL826087), red brick with 3 string course above single span arch, concrete and stone copings. River meander rejoins the Cut below the bridge from the south. **Water feeder** which has been running parallel to and 5m from north bank from TL822087 joins Navigation below bridge.

**Management:** Upper entrance to lock requires rebricking. Chamber requires repointing. Cement pointing of bridge has resulted into brick cracking, needs repointing with lime mortar. Lock listed 3/28. Bridge listed 3/29. EHER 38980

**SITE 122. Water feeder**, TL829087 east of Ricketts lock, from north, now dry, at single selfclosing swing gate.

**SITE 124. Water feeder**, TL831086, from south.

**SITE 125.** Single selfclosing swing gate, TL832086, south of Langford Water Works, at west end of meander copse (126).

**SITE 126. Meander copse**, TL832086 south of Langford Water Works, on north bank.

**SITE 127.** Single selfclosing swing gate, TL833086, modern, at east end of meander copse.

**SITE 129. Meander**, TL836085, on south.

**SITE 131. Water feeder**, TL836085, on north, a dry ditch.

**SITE 132. Water feeder**, TL837084 west of Beeleigh lock, on south.

**SITE 142. Water feeder**, TL840080 east of Beeleigh Grange, from south, crossed by a concrete roadbridge.

**SITE 144. Field** TL841087, to south of Beeleigh Abbey contains **earthworks**. EHER 40139

**SITE 149. Water feeder**, TL843081, from south (OS 1897 and 1924) now gone (Maldon golf course replaces).

**SITE 150. Water feeder**, TL843081 northwest of Chapman's bridge, from north.

**SITE 152.** Broad linear **earthwork ditch**, TL841082, runs north-south for c250m across golfcourse, marking line of former south end of Langford Cut to River Chelmer. EHER 40145

**Management:** To be preserved (has already been partly filled in by Maldon golf course 13th tee).

*Here is Maldon bypass road bridge.*

**SITE 168. Water feeder**, TL848077, from south, not extant. Now a marsh reed bed.

**SITE 172. Water feeder**, TL849078, from north, earthwork ditch carried under footpath in a brick culvert.

**SITE 176. Water feeder**, TL852079, from south, not extant. Now industrial estate.

**SITE 177. Water feeder**, TL852080, from north, not extant. Now being developed as housing estate.

**SITE 178.** Former course of River Blackwater to west of Navigation and **Heybridge Mill** site is extant as a wide **earthwork** depression (TL852081) on north edge of new housing development. EHER 40168



**SITE 181. Water feeder**, TL853082, southwest of **Black Bridge Heybridge**, from west discharges to north instead of into Navigation.

**SITE 183. Water course**, TL853082, on east in grounds of Heybridge Mill House, feeds mill tailrace into river Blackwater from Navigation, passing under the drive to Mill House (Anchor Lane).

**SITE 196. Water feeder**, TL859078, east of **Goldhanger Bridge**, from north, earthwork ditch discharges into Navigation.

**SITE 197. Water feeder**, TL859078, from south opposite water feeder site 196, not extant

**SITE 206. Earthwork ditch**, TL865074, runs parallel with north bank, 3m north of towpath, to discharge into drain at Heybridge basin.

**SITE 207. Earthwork ditch**, TL865074, runs parallel with and 4m from south bank, discharges into Colliers Reach.

*Here is Heybridge Basin.*

### The Bridges and Locks.

Twelve locks along the Navigation permit a drop in the water level between Springfield (Chelmsford) and Heybridge (Maldon) of 77 feet (23.5m) over a distance of nearly 14 miles. The sea-lock at Heybridge drops 14' 10" (4.5m). The inland locks are of roughly similar design, c68ft (20.9m) x 17ft (5.2m), built to the specifications of the architect and engineer John Rennie. Most of the locks are sited in artificial cuts which bypass river meanders or at the sites of pre-existing mills to preserve the mill water supply, and their construction necessitated the building of weirs. Several were built with associated bridges.

The lock gates (other than the sea-lock) are of oak, softwood panels with an elm bottom cill; some of the original iron fittings survive. The water usually passes the gates via paddles within the gates which can be wound opened or closed on a rack and pinion, but where the fall in water level is large water bypasses the upper gates via a side paddle low in the chamber wall so as to avoid swamping a barge within the lock.

The Navigation Company had to preserve existing rights of way over the river at Sandford Mill, Black Bridge Boreham, Paper Mill, Hoe Mill and Black Bridge Heybridge. In addition it provided bridges to allow a continuous towpath. Most of the bricks for the locks and bridges were made from local clay at Hoe, Ulting and Boreham. The yellow bricks at Chapman's bridge may be from Suffolk where Richard Coates had recently completed the River Gipping Navigation.

The Site Gazetteer (to which site numbers refer) shows where the towpath crosses the Navigation from one bank to the other. The Inventory contains details of each site and recommendations for action where appropriate. The following lists the bridges and locks from west to east.

#### **Springfield Lock and Accommodation bridge.** TL717063. (Site 2) EHER 31596, 31493

The pound lock, 68 feet long x 17 feet wide, consists of a brick-lined chamber with granite coping stones. Upper and lower paired gates with balance beams, sidewall paddles bypass the upper gates, gate paddles in lower gates. Coffered dam stop locks above and below.

The **bridge** sited immediately below the lower gates is single span, English garden bond red brick, with stone coping. The brick parapit above a string of three courses of projecting red brick has been wholly renewed on western side and partly on eastern side. Built c1797. Lock listed No 7/251. Bridge listed No 7/145.

#### **Old A12 (A138) road bridge.** TL719063. (Site 3). EHER 40007

Concrete single span with approaches over meadows on pillars. Balustrade has double lamp standards (now lacking the globes). Built 1932.

#### **Barnes Lock and bridges, Springfield.** TL726066. (Sites 6 and 7) EHER 31011, 40223, 40012

The river feeds the mill lead and the bypass channel which is controlled by a sluice with iron gates in a concrete frame; the Navigation Cut is to the south. Water feeders empty into a 2 x 2 feet stone-lined culvert box drain, (6a) 15 metres north of concrete and metal scaffold **footbridge**, (6b) at the separation of the river from the cut to the lock, 6m west of the river bank. **Pound lock** (7d) has brick chamber with granite coping stones, 2 pairs of balanced beam gates, upper side paddles, lower gate paddles. Coffered stop lock grooves above and below. **Footbridge** below lower gate modern cast iron (7e). **Footbridge** between mill race and Navigation modern cast iron (7f). Lock listed 9/497.

#### **Sandford (Bundocks) roadbridge (west).** TL738063. (Site 16). EHER 31015

Single span red brick, English garden bond. 3 courses of projecting brick below the parapit, stone coping, piers either end. Towpath passes under bridge on western side of Navigation. Road over is metalled. Built c1796. Listed 9/496.

#### **Sandford Lock and (East) Roadbridge (Brook End Road).** TL740062. (Site 19). EHER 31016, 31013

Navigation Cut some 425m long begins southwest of Bundocks Bridge, bypassing a loop in the river to the south. Former lock house on south of lock now replaced by modern weather-boarded bungalow. **Lock** has a brick-lined chamber, granite coping stones, 2 pairs of balanced beam gates, upper side-wall paddles, lower gate paddles. Coffered stop lock grooves above and below. The tail-lock **Bridge**, (immediately below the lower gates), is of similar construction to Springfield and Bundocks, but towpath does not pass under bridge, road metalled. Built c1797. Lock listed 9/495. Bridge listed 9/494.

**Footbridge**, Great Baddow, TL740060. 200m southeast of Sandford Mill Water Works. Modern scaffold footbridge over former tailrace.

**Footbridge**, Springfield/Little Baddow. TL744067. (Site 24). 700m south of Cuton lock. Modern cast iron, leads east to Great Graces Farm along Graces Walk. EHER 40024



**Cuton Lock**, Springfield/Little Baddow. TL743076. (Site 26). EHER 31014

Takes its name from Cuton Hall 1km to the northwest (1086 Keuentuna, ?Cyfa's settlement; Cuton Hall, 1523). Lock (on the south) has brick-lined chamber, granite copings, 2 pairs of balanced beam gates, gate paddles upper and lower. Cofferdam stop-lock grooves above and below. 2nd World War pillbox on central island, single cell with central pillar, suggests Navigation here crosses the military stop-line. Weir on north side of island; south embankment is concrete and brick, north embankment is brick. Downstream of weir is a water feeder from east. Lock listed No 9/493.

**Ston(e)hams Lock**, Boreham. TL751082. (Site 38). EHER 30312

Named after Captain Stoneham who owned in 1777 Witwells Farm (qv) to the south. Lock on north has brick-lined chamber, granite coping stones, 2 pairs of balanced beam gates, upper and lower gate paddles, coffer-dam stop-lock grooves above and below. Weir to the southwest is brick-sided, stone and concrete with iron rods. Bricks are frogged suggesting some recent repairs. Lock listed No 10/336.

**Little Baddow Lock**. Boreham. TL759085. (Site 45). EHER 30311

Brick-lined chamber with granite copings. 2 pairs of balanced beam gates. Upper side paddles, lower gate paddles. Cofferdam stop-lock grooves above and below. Lock listed No 10/335.

**Footbridge**, Little Baddow. TL760085, (Site 46). 150m northeast of lock. EHER 40047

Timber of recent construction (1960s). Concrete abutments, double piles supporting the horizontal footway reached by 13 wooden steps from each side. Wood piles and cutwaters of earlier bridge visible below present bridge in river bed.

**Boreham Black Roadbridge**. Boreham/Little Baddow. TL763086. (Sites 49 and 50). EHER 40050

Formerly of wood, now mid 20th century concrete bridge on brick abutments supported on 2 concrete piers, span carried on RSJs. Plank cutwaters. Coal wharf, on north bank (Tithe, 1838, owner Robert Haselfoot) immediately east of bridge until beginning of 20th century now gone. EHER 40051

**Paper (Husketts) Mill Lock**, Little Baddow. TL776090. (Site 59).

River divides northern arm feeding headrace, southern the lock. Island banks recently timber-revetted. On central island, early 20th century single storey red brick bothy, gable ends, slate roof, south elevation (facing lock) wooden door, western elevation each 4-window light, east and north elevations blind, stack at east. Single storey timber office building to west. EHER 40060

Lock chamber brick-lined with granite copings, 2 pairs of balanced beam gates, gate paddles upper and lower. Cofferdam stop-lock grooves above and below. Overflow weir has been modified; 2 concrete weirs installed west of earlier weir which is extant but dry. EHER 31012

On south bank of lock, single storey red brick stables (used as storage and premises), irregular bond, slate roof with ridge tiles, end with trefoil decoration; on west, weather-boarded on brick plinth, corrugated roof, stable doors. To east of stables, original cottages replaced by modern brick residence. EHER 40061  
Lock listed No 10/334.

**Paper Mill roadbridge**, Hatfield Peverel/Little Baddow. TL776090. (Site 64). EHER 40066

Documented as Pons de Husgrademellebrigge, 1272. See Paper (Husketts) Mill. Below entry of the tailrace, concrete span on concrete piers built 1935 replaces earlier wooden bridge with brick abutments of 1795 which underwent repair in 1883 and 1914.

**Footbridge**, Little Baddow. TL791094. (Site 75). EHER 40077

Concrete segmental arched supported on pair of concrete pillars with metal balustrade (dated 1951) on site of earlier wooden bridge joining Cardfields Farm, Ulting with Bassetts Farm, Little Baddow. Double self closing wooden gates on east side of bridge, south bank.

**Rushes Lock**, Woodham Walter. TL795090. (Site 79). EHER 39111

Lock on south, weir on north. Lock has brick chamber with granite copings. 2 pairs of balanced beam gates (renewed by Maldon District Council 1998), upper side paddles and lower gate paddles (stamped Maldon Iron Works Co 1926). Cofferdam stop-lock grooves above and below. Weir is brick with new (1998) revetments, stone and concrete coping. Two water feeders from north below weir (River Ter, formerly Hatfield River, 1841). EHER 40226  
Lock listed 10/195. Weir listed 10/196.

**Footbridge, Ulting/Woodham Walter.** TL804083, (Site 95). EHER 40096

Over entrance to **Hoe Mill** headrace, modern, steel girders, wiremesh footway, wooden balustrade, concrete abutment.

**Hoe Mill (site), Ulting.** TL808083. (Site 97). 39008, 39009

**Lock** cut on north, mill race south. Lock bricklined, granite copings, 2 pairs of balanced beam gates, upper side paddles, lower gate paddles, coffer dam stop-lock grooves above and below. Apart from Heybridge sea-lock, this gives the largest drop (8ft 3ins, 2.5m) of water on the Navigation. **Lock keepers house**, red brick with Gault brick east facade, 2 storeys, hipped slate roof, sash windows, 2 stacks, late 18th century; single storey modern extension on west. **Tail-lock bridge**, concrete, concrete balustrade continues south over tailrace which rejoins Cut east of bridge, built 1935, formerly timber of c1797 designed by Matthew Hall and built by Thomas Collins, carpenter, for the Company.. Lock listed 3/66. Lock house listed 3/67. Bridge EHER 40098

**Two large-bore pipes, Ulting/Woodham Walter.** TL813087. (Site 108). 600m southwest of Stammers Farm. Carried over Navigation on an iron frame **bridge** supported on engineering brick buttresses. Water issues into Navigation from pipes beneath the bridge from underground tanks on north. EHER 40110

**Ricketts lock and bridge.** Woodham Walter/Langford. TL823087. (Sites 118, 119, 120), EHER 38976, 39980

**Weir** currently (November 1998) destroyed by floods at entry to south meander, replaced by sheet piling.

**Lock**, north of meander, has brick chamber with granite copings, pair of lower balanced beam gates (upper gates removed for renovation), upper side paddles, lower gate paddles, coffer dam stop-lock grooves above and below. **Tail-lock accommodation Bridge**, red brick with 3 string course above single span arch, concrete and stone copings. River meander rejoins the Cut below the bridge from the south. EHER40120

Lock listed 3/28. Bridge listed 3/29.

**Bridge, Langford.** TL835086, (Site 128). South of Langford Water Works. EHER 40127

Modern, wrought-iron (resembling railway bridge ?reused) carrying large-bore pipe over Navigation, stone abutments. Sluice water take-off under bridge to Waterworks on north.

**Beeleigh Lock, Langford.** TL839084. (Site 134). EHER 38957

Brick chamber with stone copings, 2 pairs of balanced beam gates, gate paddles upper and lower, coffer dam stop-locks above and below. Modern steel scaffold bridge over tail on RSJ, bridge formerly wood. Lock listed 3/7.

*A public footpath here leads south by an embankment and small wooden footbridges over The Pool. Towpath continues eastwards on south of Navigation Cut and crosses by a modern wood and concrete footbridge a weir taking water from the Cut below the Lock into The Pool (formerly the overflow pool to the back river, now main course of River Chelmer).*

**Footbridge, Maldon.** TL839083, (Site 137). South of Beeleigh Pool. EHER 40135

Over river weir (built c1965), wooden on concrete piles.

**Footbridge, Maldon.** TL839083, (Site 138). South of Beeleigh Pool, east of Site 137. EHER 40136

Tubular steel supported on earlier brick abutments over former overflow sluice.

**Water feeder, Maldon.** TL840080, (Site 142). Northeast of Beeleigh Grange. EHER 40138

From south, crossed by a concrete **roadbridge**. EHER 40231

**Mitred flood-protection gates, Maldon.** TL847078. (Site 146). 30m west of Maldon bypass **roadbridge** (formerly Woodham Ferrers-Maldon railway bridge). EHER 40140, Roadbridge 40157

Modern (1991) floodgates, with tubular scaffold **footbridge** over Navigation (River Blackwater).

**Accommodation bridge, Chapmans, Maldon.** TL846080. (Site 147). 250m west of Maldon bypass bridge. Yellow Gault bricks with 3-string red brick course above shallow segmental brick single arch, projecting piers, stone and concrete (repair) copings, late 18th/early 19th century.. Single selfclosing swing gate at north end of bridge. Bridge listed 574-1/1/236. EHER 38252



**Langford Lock and Bridge**, Langford. TL839081. (Site 153). EHER 35986, 38955

Single red brick segmental arch accommodation bridge over the lock chamber with 3 string brick course above the arch, with stone and concrete (repair) copings, spans a Brick chamber, granite copings, balance beam lower gates only in situ, gate paddle, coffer dam stop-lock grooves absent below. (The lock structure lacking upper gates is therefore not functioning as a water level drop).

Bridge listed 3/5. Lock listed 3/6.

**Beeleigh Weir**, Langford. TL840084. (Site 155). East of Beeleigh Lock. EHER 40147

The weir takes the water from the Long Cut southwards into The Pool (River Chelmer). Towpath crosses this weir by a modern wood and concrete footbridge which replaces a wooden bridge built in the 18th century, repaired in 1842, 1912 and 1914, which was swept away in the floods of 1947.

**Bridge**, Langford. TL837090, (Site 165), immediately south of Langford Mill. EHER 40155

Carries the Langford-Hatfield Peverel road over the mill tail, brick embankments.

**Maldon Bypass roadbridge**, TL847078, (site 167), engineering blue brick abutments carrying seven RSJs single span built c 1980. Former bridge demolished c 1960, carried Woodham Ferrers-Maldon railway, built 1889. Towpath passes under on north bank. EHER 40157

**Accommodation bridge east of Maldon bypass bridge**, TL849078, (site 169), engineering brick abutments, steel single span arch, 3m wide roadway, late 20th century. EHER 40159

**Roadbridge southwest of Heybridge Mill site**, TL851078, (site 174), single span on seven RSJs, modern. Former bridge carried Maldon-Witham railway line, closed c1964. EHER 40164

**Black Bridge**, Heybridge, TL853082, (site 187). Engineering brick and concrete breeze block abutments, concrete balustrade parapet, single span on seven RSJs. Formerly timber with brick abutments, rebuilt by Essex County Council c1920. Towpath passes under bridge on north bank. Pair of mitre gate hinge rebate grooves, TL853082, (site 188), on either side of Navigation in granite coping stones to north of bridge. Cast iron gate fixings in situ in coping. EHER Bridge 40177, Gates 40178

**Pipe**, TL857080, (site 191), west of Goldhanger Bridge, over Navigation on iron frame (sewage), 5m southeast of cottages (site 190). EHER 40181

**Goldhanger (Wave) roadbridge**, TL858080 (site 193). Red brick abutments with stone cappings, steel girder, steel parapet with circular plaque "Essex County Council 1910". Towpath passes under bridge on north bank. Former bridge was brick; rebuilding cost £1624 in 1910. EHER 40183

**Heybridge Hall accommodation bridge**, TL861076 (site 203). English bond red brick abutments with X ties, scaffold parapet, steel girder span supporting wood planks under concrete roadway, 3m wide. Formerly timber with brick abutments, replaced by a swing bridge in 1808. New flood gates in 1877 cost £164. The main bearers were replaced by steel in 1895. EHER 40192

**Pair of mitre gate hinge rebate grooves**, TL861076, (site 204), immediately downstream of bridge in granite copings with iron gate fittings (?predates the bridge which would interfere with gate opening). EHER 40193

**Heybridge Basin Sea Lock**, TL87200684 (site 213). Deep brick chamber, stone copings. Upper balanced beam wood mitre gates have gate paddles ("Maldon Iron Works Co Ltd 1921") and steel reinforcement. Lock has been extended seawards by c12m leaving gate hinge rebate grooves and iron fixings of former lower gates visible. Present lower mitre gates are reinforced on seaward side by a sliding steel caisson shutter (installed 1965) which can be moved electrically southwards on runners into a slot trench. Lock, 111ft x 26½ft by 1893, was extended in 1965 and accommodates vessels of 130ft long x 24ft beam. Allows a water drop of 14ft 10". On south bank of sealock is a 4ft high steel winch (JRM Fitch Manningtree). Lock listed 574-1/2/248. EHER 30303

*Here is Colliers Reach.*



## Heybridge Basin

*The Navigation reaches Heybridge Basin which widens to accommodate berths*

**SITE 208. Boat work shop**, TL87070686, (Stewart Tolfrey), 10m from north bank, timberframed and weather-boarded, 1½ storeys with two pairs of double doors at ground floor and pair of double doors to attic, gable ends, late 19th century. Adjacent to north is a pair of stock brick cottages (Myrtle cottage) with a full-height butt joint at junction of southern 1/3 with northern 2/3s, two storeys with central chimney, semicircular arch doors, three upper windows, two lower windows. EHER shop 40197, cottages 40198

**SITE 209. Building**, TL87100686, (OS1897) not extant, north of Basin, replaced by corrugated iron and brick workshops and garages fronting onto Basin, 20th century. EHER 40199

**SITE 210a. Four terraced cottages**, TL87170686, (Nos 7,6,5,4 Lock Hill) north of Basin, timberframed and weather-boarded, two storeys, gable ends, red tiled roof (nos 7,6,5), slate (no 4), four upper sash windows, wood doors to south, three stacks. No 5 has exposed internal timbers. Late 18th century. Listed 574-1/2/246. EHER 38301

**SITE 210b. Three terraced cottages**, TL87190686, (Nos 3,2,1 Lock Hill), north of sealock, two storeys, two stacks, red tiles. Modern bay window frontages detract from original appearance. EHER 40200

**SITE 210c. "Old Ship Inn"**, TL8720686. Formerly "Chelmer Brig", north of sealock, on corner of Basin Road and Lock Hill. Brick and stucco, two storeys, three bays, gable ends, three upper sash windows, slate roof, four stacks. Painted key stone above two lower windows and south central door. Built 1799, rebuilt 1858. Listed 574-1/2/252. EHER 38305

**SITE 211. Lock keepers House**, TL8720680, south of sealock, red brick, two storeys, hipped slate roof with two stacks, three window range with wooden casements to north, bay windows on ground floor either side of pargeted north central frontdoor. Early 19th century. Listed 574-1/2/247. EHER 38302

**SITE 212. Pair of cottages**, TL87170678. "Navigation Cottage", south of Lock keepers House (site 211). Two storeys, two sash windows upper and lower, timberframed and weather-boarded, door on east, gabled roof with pantiles, north slope stack, 19th century. Listed 574-1/2/251. EHER 38304

**SITE 213. Sea Lock**, TL87200684. Deep brick chamber, stone copings. Upper balanced beam wood mitre gates have gate paddles ("Maldon Iron Works Co Ltd 1921") and steel reinforcement. Lock has been extended seawards by c12m leaving gate hinge rebate grooves and iron fixings of former lower gates visible. Present lower mitre gates are reinforced on seaward side by a sliding steel caisson shutter which can be moved southwards on runners into a slot trench. On south bank of sealock is a 4ft high steel winch (JRM Fitch Manningtree). Lock listed 574-1/2/248. EHER 38303

**SITE 214. "Jolly Sailor" public house, Heybridge Basin**, TL87230690, Brick, two storeys, two upper sash windows, gable ends, slate roof, two stacks, two bays at ground floor, late 19th century. EHER 40201

**SITE 215. No 114 Basin Road** (south side), TL87180689, north of No 4 Lock Hill. Brick, rendered, two upper and two lower windows, porch with pilasters at central 6-light front door, hipped slate roof, late 19th century. EHER 40202

**SITE 216. Three cottages, No 103 Basin Road** (north side), TL 87170693, formerly (OS 1897) six terraced cottages, western three not extant. Slate roof hipped on east, gable on west, four 16-light upper sash windows, two brick arched doors to road (south), two stacks, late 19th century. EHER 40203

**SITE 217. Cottage, No 97 Basin Road** (east side at right angled bend opposite lane to car park), TL87140696, two storeys with old core, modern extensions to south and west, hipped slate roof, central stack. EHER 40204

**SITE 218. Modern brick house, Basin road** (east side), TL87140697, two storeys, on site of former timber yard. EHER 40205

**SITE 219. Four terraced cottages, Nos 87, 89, 91, 93 Basin Road** (east side), TL87160698, brick, two storeys, four altered upper sash window range, semicircular brick arch over doors, slate roof with two stacks, 19th century. EHER 40206

**SITE 220. Pair of semidetached cottages, Nos 83-85 Basin Road** (east side), TL87160700, brick, two storeys, two altered upper sash windows, dentilled eaves, pyramidal slate roof, central stack, 19th century. Modern two storey extension on south. EHER 40207

**SITE 221. Pair of semidetached cottages, Nos 79-81 Basin Road** (east side), TL87160701, brick (northern rendered), two storeys, two altered upper windows, dentilled eaves, slate roof, central stack, 19th century. EHER 40208

**SITE 222. Pair of semidetached cottages, Nos 75-77 Basin Road** (east side), TL87170702, brick (southern rendered), two storeys, altered upper sash windows, slate roof with central stack, 19th century. EHER 40209

**SITE 223. "Barn House", TL87170704, end-on to Basin Road** (east side), lane on south, two storey, timber-framed and rendered, jettied, pantilled roof with two stock brick stacks. "Formerly stables", now a residence, 19th century. EHER 40210

**SITE 224. "The Grey House", No 67 Basin Road** (east side), TL87170705, rendered, pyramidal hipped slate roof with central brick stack, 19th century. EHER 40211

**SITE 225. "Old Butchers Shop" TL87170717, Basin Road** (east side), brick, two storey, three upper 16-light windows, coaching entrance at north end, hipped roof, 19th century. EHER 40212

**SITE 225a. No 65 Basin Road, (east side), TL87180707, modern brick cottage, two storey, bay window facing road on north.** EHER 40213

*Here is Maritime Drive.*

**SITE 226. Cottages, TL87190711, end on to Basin Road** (east side), brick, two storey, slate hipped roofs with three stacks, 19th century. Linear range of stock brick buildings to north.

**SITE 227. No 88 Basin Road** (west side), TL87140703, two storey, brick, semicircular brick arch over door to south facing road, pyramidal hipped roof with central brick stack. EHER 40215

**SITE 228. Three terraced cottages, Nos 94, 96, 98 Basin Road** (west side), TL878130698, two storeys, northern brick, southern two rendered. Pantiles, three stacks. Central cottage said by resident to be earliest with two cottages either side as later additions, 19th century. EHER 40216

**SITE 229. No 100 Basin Road** (west side), TL87130697, brick, two storeys, pyramidal slate roof, three upper window range, two lower windows, triangular cornice over door. EHER 40217

*Here is Chapel Lane leading west to*

**SITE 230. Square House, TL87050700, on south side of Chapel Lane, a rendered two storey tower house, slate roof, central stack.** EHER 40218

**SITE 231. Heybridge Basin United Reformed Chapel, TL87120697. One storey, weather-boarded, two doors to east, two range with end gables, slate roof, 19th century.** EHER 40219

**SITE 232. "Two Ways" cottage, lane to south off Basin Road, TL87120692, two storeys, timber and weather boarded, red pantile roof, gable ends, one stack, extension on west with red tile roof and one stack, 19th century..** EHER 40220

## INDEX

Barns Mill and Farm	12, 40, 41, 68
Beavis Hall, Springfield	25
Beeleigh	27-29, 55-56, 77
Boathouses	7, 70
Boreham	17
Chapmans Bridge	27, 61, 77
Cuton	15, 45, 70
Farms & Residences	7, 68-69
Gates (Boundary)	7, 70
Goldhanger	4, 78
Heybridge	30-35, 62-65, 69, 78-80
Hoe Mill	22, 52-53, 77
Langford	25, 57-60, 69
Little Baddow	17, 47-48, 76
Maldon	65, 77
Meanders, Earthworks	6, 71-74
Moulsham	38
Navigation Company Posts	7, 66-67
Paper Mill	18-19, 49-50, 76
Pease Hall, Springfield	14, 68
Phillows Farm, Little Baddow	17, 68
Pillboxes	15, 70
Prentices Farm, Springfield	13, 68
Ricketts Lock	24-27, 54, 77
Rushes Lock	20, 51, 76
Sandford	13-14, 42-44, 75
Springfield	11, 36-37, 75
Stammers Farm, Ulting	23, 68
Stonhams Lock	16, 46, 76
Storms Farm, Springfield	14, 44a
Ulting	21, 22, 77
Whitwells Farm, Little Baddow	46, 68

END.