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Understanding and Appreciating the Region of East Anglia Introduction: Overview of Insight 4 Parts 1 - 7

COTAC Insight 4
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Council on Training in Architectural Conservation (COTAC)

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Insight 4: Understanding and Appreciating the Region of East Anglia:

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Acknowledgments

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Introduction

Overview of Insight 4 Parts 1 - 7 Intentions

Although much has already been researched and published in detail on East Anglia, the various suite of documents in this Insight aim to look collectively at a variety of historic and recent developments that have created and imprinted significant features on the Regions' landscape and buildings. The multi-part exercise is directed towards learners, educators and trainers, practitioners and others wishing to increase their knowledge of the area. This to clarify its essence and setting, and types and forms of structures through an exploration of what underlies their specific attributes.

The intention is to offer an awareness, appreciation and understanding that will assist a broad spectrum of readers enhance their comprehension of the interlinked issues. The investigations deliberate on different aspects that have, over time, combined to established the Regions' unique character and distinctiveness.

Professional and Educational Audience: Parts 1 - 6

With Parts 1 to 4 prepared to enhance a deeper understanding, their contents have been devised, as far as possible, in accordance with the 14 parameters set out in Paragraph 5 of the ICOMOS Education and Training Guidelines. In doing so they take the term 'Region' to be synonymous with the ICOMOS term "ensemble or site". The 14 Guidelines require that all who are involved in caring for the built heritage should be able to:

- a) read a monument, ensemble or site and identify its emotional, cultural and use significance;*
- b) understand the history and technology of monuments, ensembles or sites in order to define their identity, plan for their conservation, and interpret the results of this research;*
- c) understand the setting of a monument, ensemble or site, their contents and surroundings, in relation to other buildings, gardens or landscapes;*
- d) find and absorb all available sources of information relevant to the monument, ensemble or site being studied;*
- e) understand and analyze the behavior of monuments, ensembles and sites as complex systems;*
- f) diagnose intrinsic and extrinsic causes of decay as a basis for appropriate action;*
- g) inspect and make reports intelligible to non-specialist readers of monuments, ensembles or sites, illustrated by graphic means such as sketches and photographs;*
- h) know, understand and apply UNESCO conventions and recommendations, and ICOMOS and other recognized Charters, regulations and guidelines;*
- i) make balanced judgments based on shared ethical principles, and accept responsibility for the long-term welfare of cultural heritage;*

j) recognize when advice must be sought and define the areas of need of study by different specialists, e.g. wall paintings, sculpture and objects of artistic and historical value, and/or studies of materials and systems;

k) give expert advice on maintenance strategies, management policies and the policy framework for environmental protection and preservation of monuments and their contents, and sites;

l) document works executed and make same accessible;

m) work in multi-disciplinary groups using sound methods;

n) be able to work with inhabitants, administrators and planners to resolve conflicts and to develop conservation strategies appropriate to local needs, abilities and resources

Across the four Parts, the presented material in the complete set of documents also aim to honour ICOMOS Guidelines:

g) inspect and make reports intelligible to non-specialist readers of monuments, ensembles or sites, illustrated by graphic means such as sketches and photographs, and,

l) document works executed and make same accessible.

Across the four counties of the Region, Parts 5 and 6 are offered as reference Annexes for those wishing to seek further information on a selective list of Country House Estates (Part 5) and the numerous Airfields and their history (Part 6). They do that through providing a brief descriptive summary, with referencing url's, where additional information might be pursued in greater depth.

Lay and Learning Audience: Parts 7.1 - 7.4

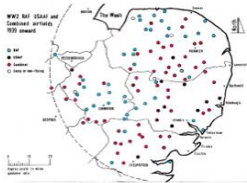
Parts 7.1 – 7.4 are aimed at encouraging an involvement by Lay and Learning readers who may wish to gain a broader appreciation of the East Anglia Region as a whole. They do this through offering a self-learning approach by providing four sets of topic-specific questions with suggested answers.

These are based on a review of the supporting and related Image Sets of Reference illustrations and Presentation Support Notes. Each of the four Image Sets offer the intention of encouraging a greater visual appreciation of the key issues that are explored.

Collectively compiled to suggest an integration of the different veneers that have exerted a physical influence on the Region, Part 7 has been guided by an aim to find, understand, interpret and report on an understanding of the constituent elements. This, as a potential aid to those who may also be in a position of offering guidance, advice and judgment in their work and, with others, to impart that knowledge. The underlying purpose being to help safeguard the Regions' unique environmental, social and cultural qualities for the future.

Overlapping Veneers of Influence within the Region

The significance, value and essence of the East Anglia Region lies in its substance and a distillation of its visual appearance emerging from various influences. This, through how it has used natural materials, social and technological influences and working methods to create its interrelating veneers of regional character and identity.



Military Interventions: 20th C



Railway Network: 19th C



Country Estates + Farming: 18th C



Roman + Church: From 1st C



Accessible Natural Resources



Underlying Geological Resources

Major civil engineering developments much temporary associated infrastructure + return to rural needs



Connecting towns and villages, developing trade, broader markets and tourism alongside importing new ideas + network decline



Enclosing and creating private and farming lands, water management and increasing productivity



Initial significant impact on the landscape, growth of wool trade wealth, alongside much Church building + urban centres



Capitalising on the natural flora to source local building materials



Capitalising and sourcing materials to create local traditional building technologies

Regional Influences

East Anglia: Overlapping Veneers of Physical Impact

Summarised in broad time-line terms as above, this Insight explores and contextualises the issues by offering a sense of the unique components and features that have influenced the heritage assets of the region.



For the purpose of this Insight, East Anglia’s boundary includes Norfolk, Suffolk, Cambridgeshire and part of Essex. Fundamentally the area is rural in nature with its historic economy generally, but not exclusively, based on agriculture (arable farming, cereal production, sugar beet, vegetables and fruit growing). Alongside this, historical mills, for grinding corn and effecting drainage to provide more cultivatable land, exist together with boat building, fishing, salt production, coastal trades and a variety of related industries.

In order to explore its essence, Part 1 briefly looks at a number of historic and recent developments that have imprinted significant features on the landscape. After a brief scene setting introduction, it concentrates on the impact of the underlying geology and surface geography, the predominance of low-lying wetlands, how these aspects dictated the regional substance and what technical ingenuities were required to accommodate, work with and overcome associated challenges.

With a specific focus on addressing ICOMOS Guidelines 5 a), b), c), e), f) and j), the Region’s historic, cultural and technological factors are considered in Part 1’s investigation of the landform setting and use. How the inherent complexities, created by man and nature, are also considered.



Norfolk Cottages. Image Peter H Emerson 1888. AIC Photography Gallery Fund CC0 Public Domain Designation

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The Broads © Mike Page



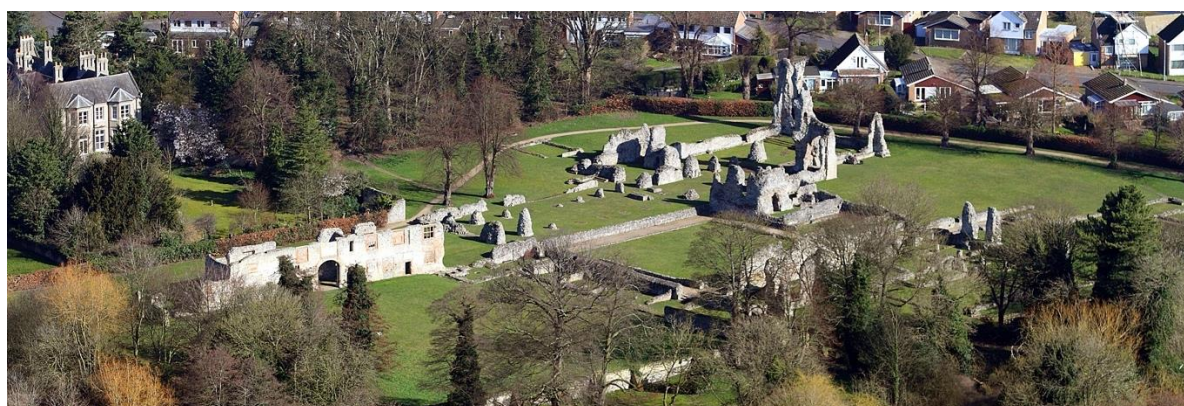
With a focus on addressing ICOMOS Guidelines 5 a), c), d) and e), how the Regions' natural resources were used is investigated by Part 2's consideration of how they influenced architectural developments. In doing so an emphasis is placed on the impact of the Church, Country Houses and their Estates, farming and significant urban centres. Capitalising on how the available geological and botanical resources had a fundamental effect. Initially, locally sourced materials provided for all requirements but, as time passed, increasingly more demanding externally imposed operational requirements and ideas were accommodated. As greater communications and improved methods of transportation emerged, these too had an influence both in terms of satisfying people needs and material supplies

Mediaeval Norfolk was relatively densely populated and the most productive agricultural region in the country. From the 14th Century its land was intensively cultivated and large flocks of sheep maintained a significant wool trade. This had a huge and positive impact on the economy and many fine churches and buildings resulted from such a lucrative 'industry'. The Church was central to Norfolk life with more mediaeval parish churches built than in any other county in England. Norfolk alone has 670 medieval churches, along with a further 250, either ruinous or destroyed.

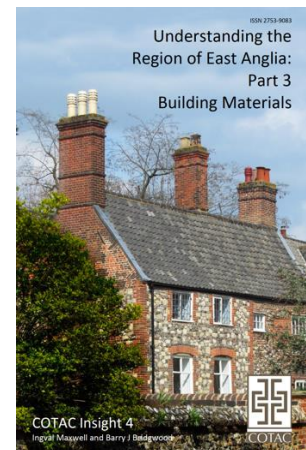
Norfolk's history of wealthy landowners, made prosperous through trade with the continent, resulted in a considerable legacy of outstanding stately homes and their surrounding estates. By the mid 19th Century over 100 Norfolk family estates, each extending to over 2,000 acres in size, had been created alongside numerous others of smaller size.

The enclosure of land was an essential prerequisite to implementing agricultural improvements. From the mid 18th to mid 19th centuries, the Parliamentary Enclosure Maps and Awards and related legislation escalated the process of enclosing common lands, coupled with the closure of paths and roads; this whilst also recording new rights-of-way and clarifying whether they were publicly accessible or in private ownership. Within such legal controls, landlords were able to introduce new methods of crop production thereby greatly increasing agrarian productivity and associated profits. As trade and markets developed such enterprise helped to underpin urban centres and their expansion.

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Thetford Priory © Mike Page



Building upon ICOMOS Guidelines 5 b), d), e) and f), whilst also reflecting on Guidelines j), k), m) and n) a more detailed review is offered by Part 3 into the range of traditional building materials and their use.

East Anglia has little endemic building quality stone. Consequently, during early years of settlement, the Regions' buildings tended to adopt non-masonry methods using earth and mud alongside timber frame structures. This was subsequently combined with increasing supplies of flint, found embedded within the chalk strata and the use of water reed from its extensive wet lands. Along with a plentiful supply of clays suitable for brick making enhanced by skills occasioned by the forced migration of Huguenots under French persecution during the 13th century; these resources provided basic materials for the construction of an indigenous built environment. But, it is the individual elements and building parts, when combined with how materials have been used, that contributes to the overall impression and which might be termed 'regional identity'. As a result, there is a considerable diversity in the resulting constructional techniques, details, features and the visual appearance of the remaining built heritage across the Region. Part 3 also briefly considers contemporary guidance offered by Local Authorities in Norfolk, Suffolk and Essex via their respective Design Guides. Advice contained in these documents has been synthesised from a detailed visual appreciation of historical built evidence and character of local and regional, pre-1919 traditional building stock.



Pulls Ferry, Norwich © Ingrid Maxwell

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Part 4: Understanding: The Modern Setting



On considering a range of additional more recent influences, that have had an impact on the Region's setting, Part 4 develops an understanding of Guidelines a), b), c), d), f) and i). It also reflects on how Guidelines k), l), m) and n) were intuitively actioned in the past with a need to work alongside numerous others in the resolution of emerging, urgent and threatening, external influences of WW1, WW2 and the Cold War.

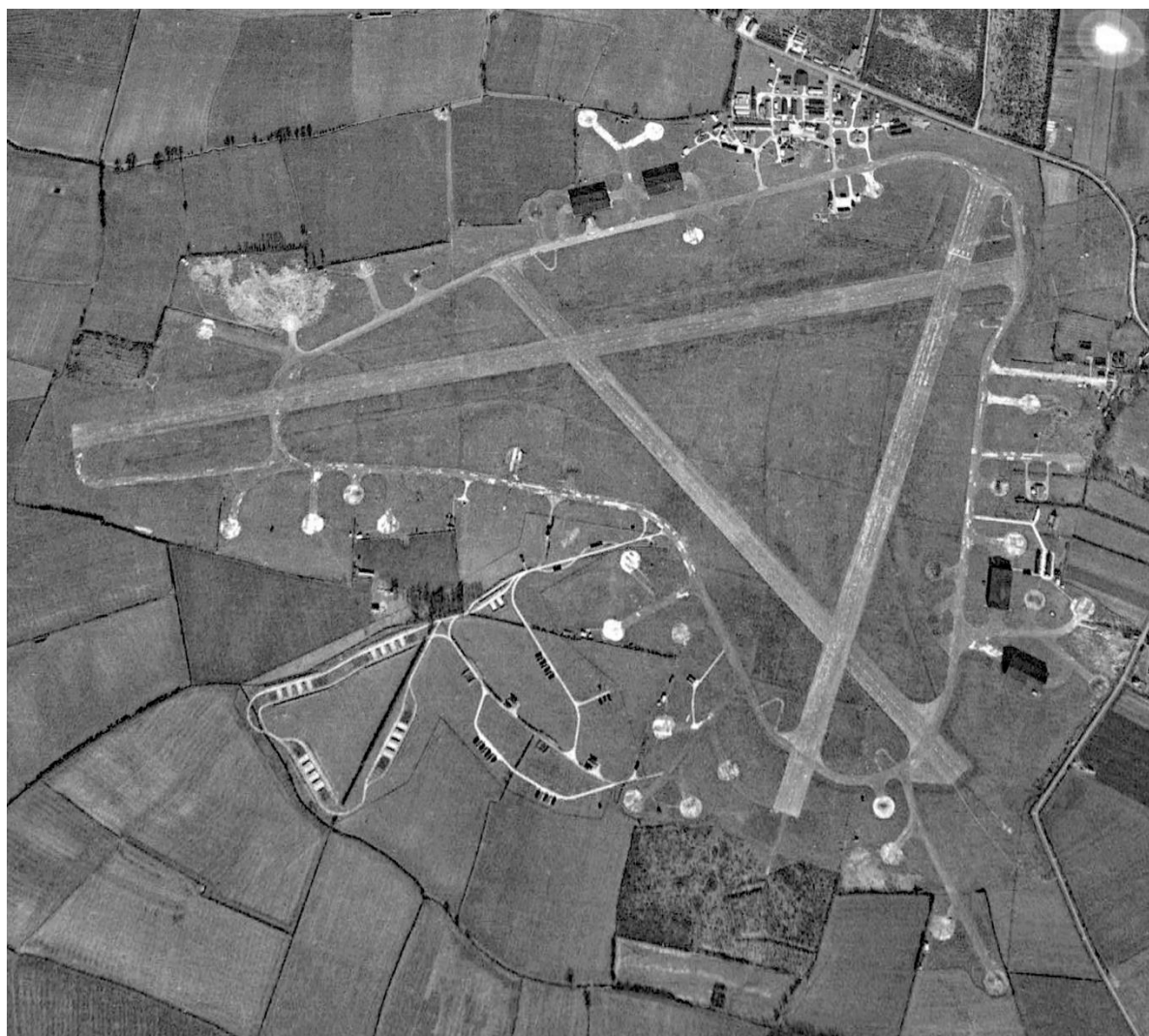
From the mid 19th C the Regional railway network extended across the landscape with sweeping curves, alignments, bridges and numerous buildings to create a new physical impact on the ground. Hostilities too played their part, initially leaving their mark around the coast against potential sea-borne and actual airship assault; subsequently expanding inland in an slow realisation, followed by dramatic recognition, of the importance of air-power. This demanded the hurried creation of numerous airfields and ancillary structures on the relatively flat terrain. Given the region's strategic position in relation to mainland Europe, it is not surprising that numerous transient periods of military involvement have each left considerable imprints. The importance of the region in defending the country was paramount, creating a broad range of defensive fighter and aggressive bomber establishments. This expansion during WW2 was profound with, 25 operational bases located in Cambridgeshire, 20 in Essex, 53 in Norfolk and 31 in Suffolk and, during the Cold War, East Anglia was once more in the forefront of defensive and retaliatory preparations. Part 4 considers the physical impact and consequences of accommodating these pressures.



Location of RAF Graveley, Cambridgeshire with wind farm foundations in 2012 © Google Earth

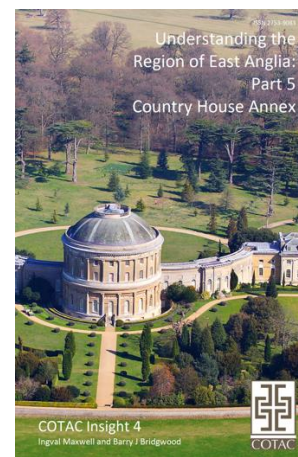
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RAF Graveley, Cambridgeshire in 1945

Part 5: Understanding: Country House Annex



The listed information contained in Part 5 aims to offer a greater understanding and appreciation of the *Country Houses and Estates from the 14th to the 19th Century* and extends Part 2 of the Insight. The material has been summarised from the Historic England Listed Building lists for the four counties of Norfolk, Suffolk, Essex and Cambridgeshire. In total, across East Anglia there were 60,772 list entries with Grade 1 at 1784; Grade 2* at 3668 and Grade 2 at 55,320 (as at March 2020).

Only a selection of Grade 1 and Grade 2* entries have been included in this Annex due to the large overall number that are contained in the formal lists. Those chosen aim to provide a representative indication of size, style, type and age of the properties together with an indication of their construction materials. Readers may wish to follow the quoted Historic England hyperlinks to assist in achieving a greater appreciation of those that are included; this by accessing the full list entry description.

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Part 6: Understanding: Airfield Annex



The illustrated and listed information contained in Part 6 aims to offer a greater appreciation and understanding of the *Military Intervention* content of Part 4 with specific reference to the many operational Airfields across the Region. It briefly describes and illustrates current and former military airfields that were used by the Royal Naval Air Service (RNAS), Royal Flying Corps (RFC), Royal Air Force (RAF), Army Air Corps (AAC), Fleet Air Arm (FAA), United States Army Air Forces (USAAF) and the United States Air Force (USAF). A website URL link is offered for each entry, allowing access to expansive on-line descriptions of each field, its squadron activities and related operational incidents.

Where available, WW2 vertical air photographs from the mid 1940's are incorporated alongside modern Goggle Earth near-matching views. Assessing these paired images demonstrate significant initial changes to the landscape and setting occasioned by the civil engineering and airfield building programme of the late 1930's and which continued into the mid 1940's. What becomes obvious are the indelible changes to farm field boundaries by wartime impositions which, currently, often only reveal 'ghostings' of their mid 20th century military uses. In the post WW2 era reparation of the traditional landscape and its functional intent has also occurred, albeit slow to start but rapidly gaining in pace, as numerous redundant military facilities were converted back into traditional ways of life. That transition continues, incorporating modern day developmental, energy and planning pressures.



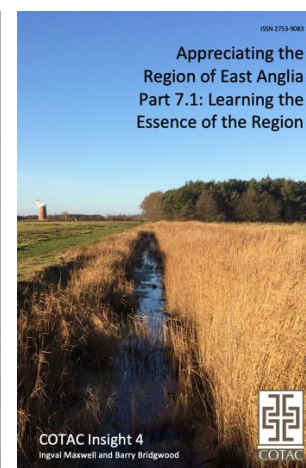
Imperial War Museum Duxford © Ingval Maxwell

Part 6	Airfield Annex: Contents	Page
6.1	<i>East Anglia Airfields 1913 – 2020: Background to the Inventory List</i>	4
6.2	<i>RAF Airfields in Norfolk</i>	6
6.3	<i>RAF Airfields in Suffolk</i>	33
6.4	<i>RAF Airfields in Essex</i>	50
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6.7	<i>Sourcing Additional Information</i>	77

Appreciating the Region of East Anglia

Learning Parts 7.1 – 7.4

Background Notes; Questions + Answers; Slide Sets



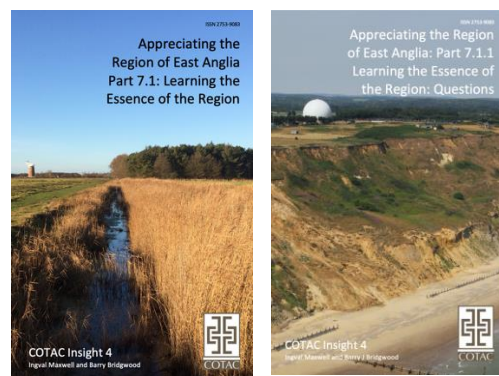
Collectively, the four elements of Part 7 of the *Appreciating the Region of East Anglia* Insight are aimed at encouraging an involvement by Lay and Learning readers who may wish to seek a greater knowledge and appreciate the East Anglia Region as a whole. Each of the Parts 7.1 – 7.4 consist of three elements:

- A set of Background Notes in support of the Annexed Image Set illustrations
- A set of related Questions and Suggested Answers
- An Annexed Slide Set of 24 illustrations

Part 7.1: Learning the Essence of the Region



It is recommended that the “*Appreciating the Region of East Anglia Part 7 Annex A Slide Set*” is viewed in conjunction with “*Part 7.1*” Background Notes. Combined, they provide the basic information upon which the Question Set (with suggested Answers) might be considered. Should additional information be required, readers may wish to consult “*Understanding the Region of East Anglia Part 1 The Essence*” and its supplementary “*Suggested Bibliographic References*”.



Part 7.2: Learning to Interpret Setting



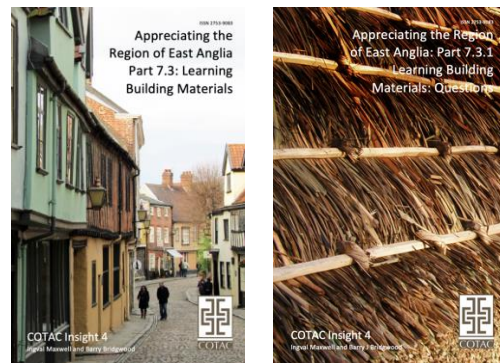
It is recommended that the “*Appreciating the Region of East Anglia Part 7 Annex A Slide Set*” is viewed in conjunction with “*Part 7.2*” Background Notes. Combined, they provide the basic information upon which the Question Set (with suggested Answers) might be considered. Should additional information be required, readers may wish to consult “*Understanding the Region of East Anglia Part 2 Interpreting the Setting*” and the supplementary “*Suggested Bibliographic References*”.



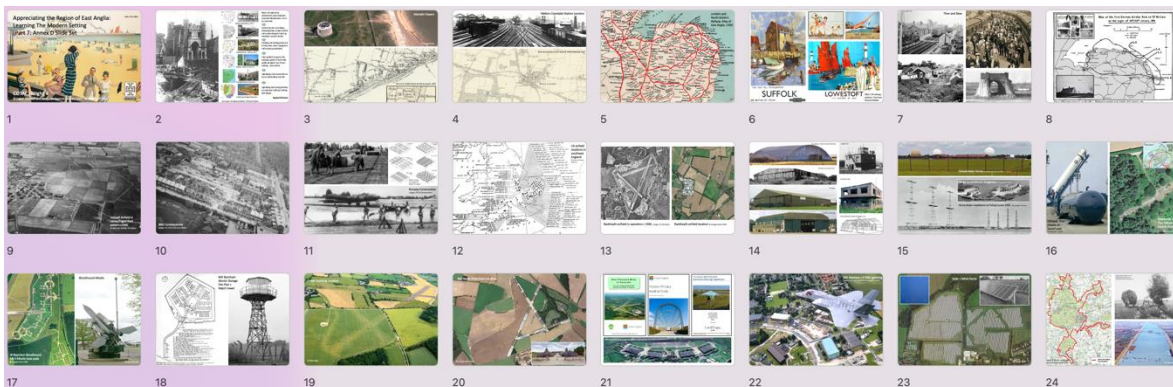
Part 7.3: Learning Building Materials



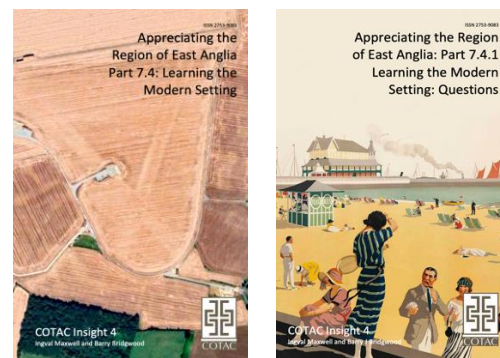
It is recommended that the “*Appreciating the Region of East Anglia Part 7 Annex C Slide Set*” is viewed in conjunction with “*Part 7.3*” Background Notes. Combined, they provide the basic information upon which the Question Set (with suggested Answers) might be considered. Should additional information be required, readers may wish to consult “*Understanding the Region of East Anglia Part 3 Building Materials*” and the supplementary “*Suggested Bibliographic References*”.



Part 7.4: Learning the Modern Setting

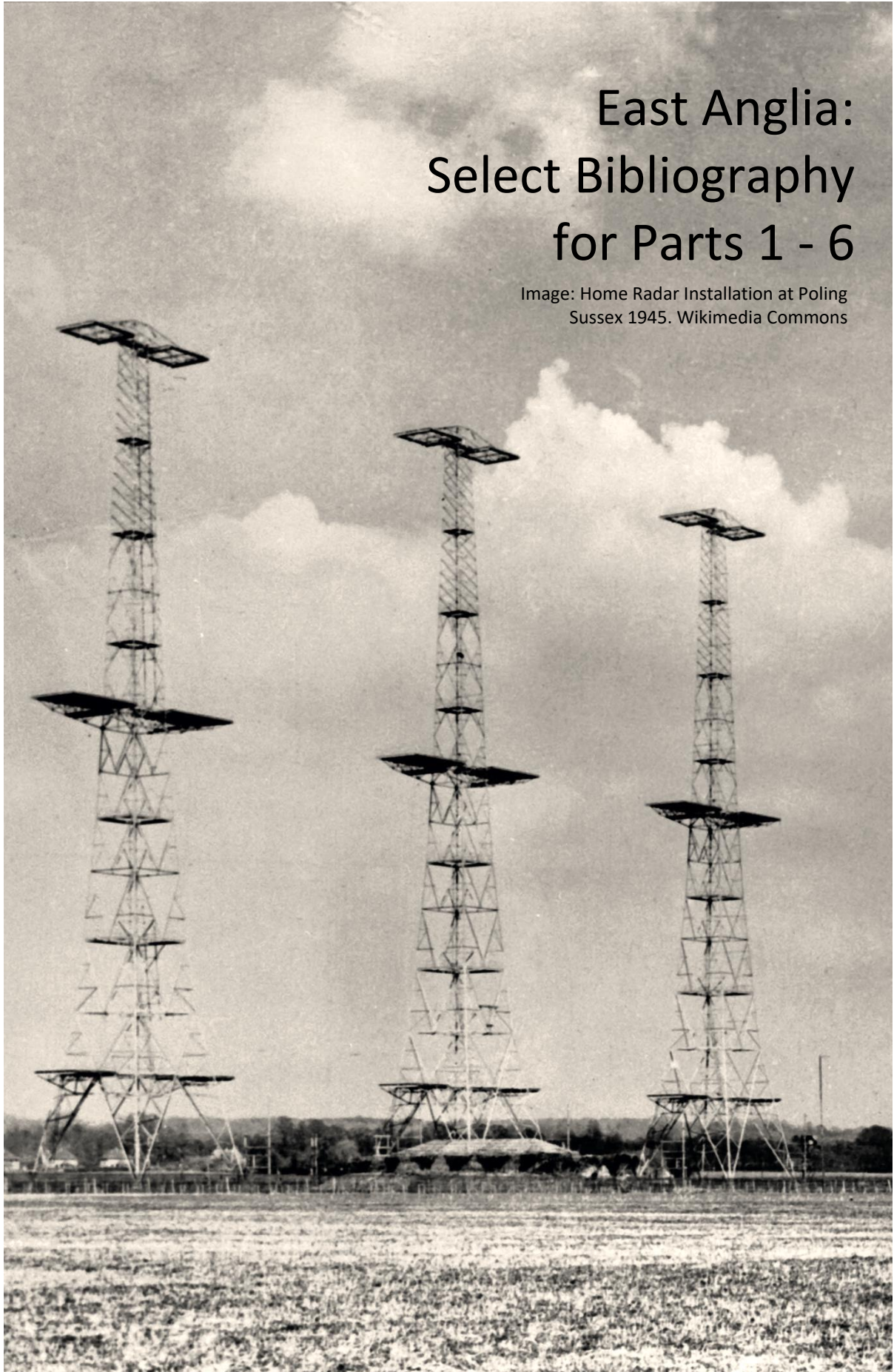


It is recommended that the “*Appreciating the Region of East Anglia Part Annex D Slide Set*” is viewed in conjunction with “*Part 7.4*” Background Notes. Combined, they provide the basic information upon which the Question Set (with suggested Answers) might be considered. Should additional information be required, readers may wish to consult “*Understanding the Region of East Anglia Part 4 The Modern Setting*” and the supplementary “*Suggested Bibliographic References*”.



East Anglia: Select Bibliography for Parts 1 - 6

Image: Home Radar Installation at Poling
Sussex 1945. Wikimedia Commons



Part 1 Understanding the Region of East Anglia: The Essence



Brick tower mill, corn grinding, Sutton, Norfolk.

ICOMOS Education and Training Guidelines

<http://www.understandingconservation.org/content/icomos-education-and-trainingguidelines>

The Fenland Black Oak Project

www.thefenlandblackoakproject.co.uk Flag Fen Visitor Centre

<https://www.visitpeterborough.com/things-to-do/flag-fen-archaeological-park-p875681>

Ouse Washes Landscape Character Assessment

http://ousewashes.org.uk/wpcontent/uploads/2017/07/Landscape_Character_Assessment-low-res.pdf

The Great Fen Scheme

<https://www.greatfen.org.uk/about-great-fen> Wicken Fen

<https://www.wicken.org.uk>

The North Sea Surge and East Coast Floods of 1953

<https://rmets.onlinelibrary.wiley.com/doi/full/10.1002/wea.2044>

Broads Landscape Partnership

<https://watermillsandmarshes.org.uk>

Mills Archive Images and Documents Catalogue

<https://catalogue.millsarchive.org>

Mills in Norfolk

<https://new.millsarchive.org/mills/mills-in-historic-county/?which=72> Mills Archive:

Mills in Suffolk

<https://new.millsarchive.org/mills/mills-in-historic-county/?which=92> Mills Archive:

Mills in Essex

<https://new.millsarchive.org/mills/mills-in-historic-county/?which=42> Mills Archive:

Mills in Cambridgeshire

<https://new.millsarchive.org/mills/mills-in-historic-county/?which=15>

Norfolk Mills

<http://www.norfolk Mills.co.uk/mills.html>

Part 2 Understanding the Region of East Anglia: Interpreting the Setting



Thatched church, Woodbastwick, Norfolk.

50 Thatched Churches in East Anglia

<https://thatchinginfo.com/thatched-churches-in-east-anglia/>

The Round Tower Churches Society

<https://www.roundtowers.org.uk>

Churches of East Anglia Norfolk

<http://www.norfolkchurches.co.uk/mainpage.htm>

Churches of East Anglia Suffolk

<http://www.suffolkchurches.co.uk/churchlists.htm> Churches of East Anglia Cambridgeshire

<http://www.simonknot.co.uk/cambchurches/mainpage.htm>

Churches of East Anglia Essex

<http://www.simonknot.co.uk/essexchurches/mainpage.htm>

Great English Churches

<http://www.greatenglishchurches.co.uk/html/norfolk.html>

<http://www.greatenglishchurches.co.uk/html/suffolk.html>

<http://www.greatenglishchurches.co.uk/html/essex.html>

<http://www.greatenglishchurches.co.uk/html/cambridgeshire.html>

Norwich Cathedral Close

<https://www.norwich360.com/cathedral4.html?1>

Part 3 Understanding the Region of East Anglia: Building Materials



Thatching in progress © Barry Bridgwood

How to Thatch a Roof: Materials and Tools

<https://thatchinginfo.com/material-and-tools-introduction/>

How to Thatch a Roof: Technical Stuff

<https://thatchinginfo.com/the-technical-stuff-introduction/>

Maintaining a Thatched Roof

<https://thatchinginfo.com/maintaining-a-thatched-roof/>

Thatching in Norfolk

<https://thatchinginfo.com/thatching-in-norfolk/>

Thatching in Suffolk

<https://thatchinginfo.com/thatching-in-suffolk/>

Thatching in Essex

<https://thatchinginfo.com/thatching-in-essex/>

Thatching in Huntingdonshire and Cambridge

<https://thatchinginfo.com/thatching-in-huntingdonshire-cambridgeshire/>

Thatched Medieval Churches in East Anglia

<https://thatchinginfo.com/thatched-churches-in-east-anglia/>

The North Norfolk Reedcutters Association

<http://www.norfolkreed.co.uk/pages/thatch.htm>

East Anglia Master Thatchers Association

<https://nsmtld.co.uk/2019/03/11/reed-cutting-in-norfolk/>

International Thatching Society

<http://thatchers.eu/content/united-kingdom>

Flint

<https://www.geolsoc.org.uk/Education-and-Careers/Ask-a-Geologist/Earth-Materials/FlintFormed-in-Chalk>

<http://www.stoneagetools.co.uk/what-is-flint.htm>

Grimes Graves

<https://www.english-heritage.org.uk/visit/places/grimes-graves-prehistoric-flint-mine/>

<https://designatedsites.naturalengland.org.uk/PDFsForWeb/Citation/1002530.pdf>

Carstone

<https://www.bgs.ac.uk/lexicon/lexicon.cfm?pub=CA>

Clunch

<https://jonathanspain.wordpress.com/2012/01/09/the-clunch-pits-of-southcambridgeshire/>

https://archaeologydataservice.ac.uk/archives/view/stones_ahrb_2005/cfm/Public/details/RockDetails.cfm?RockCode=BARING

Vernacular Houses: Historic England Listing Selection Guide

<https://historicengland.org.uk/images-books/publications/dlsg-vernacular-houses/heag102-domestic1-vernacular-houses-lsg/>

Traditional Windows: their care, repair and upgrading

<https://historicengland.org.uk/images-books/publications/traditional-windows-care-repairupgrading/>

East Anglia Door Furniture

<https://www.pinterest.co.uk/elaineblaber/east-anglian-door-furniture/>

Brick

<https://buildingconservation.com/articles/brick/brickwork.html>

Norfolk Heritage Explorer

www.heritage.norfolk.gov.uk

<http://hbsmrgateway2.esdm.co.uk/norfolk/DataFiles/Docs/AssocDoc486.pdf>

How to Trace the History of Your House: Norfolk Heritage Explorer

[http://www.heritage.norfolk.gov.uk/record-details?TNF1216-How-to-trace-the-history-of-your-house-\(How-to\)](http://www.heritage.norfolk.gov.uk/record-details?TNF1216-How-to-trace-the-history-of-your-house-(How-to))

Part 4: Understanding the Region of East Anglia: The Modern Setting



Cold War Installation, Orford Ness

Abandoned Lines and Stations

<https://www.eastanglianrailwayarchive.co.uk/Railways/Abandoned-Lines-and-Stations/>

Beeching

<https://www.eadt.co.uk/ea-life/beeching-cuts-suffolk-norfolk-essex-1-5303398>

Martello Towers

<http://www.coastwatch-felixstowe.co.uk/pdf/english-heritage-martello.pdf>

<https://martellotowers.co.uk/suffolk>

<https://theromneymarsh.net/martello24>

Harwich Redoubt Fort

<https://www.harwich-society.co.uk/maritime-heritage-trail/harwich-redoubt-fort/>

Military Airfields

<http://www.heritage.norfolk.gov.uk/record-details?TNF405->

Military-Airfields-in-Norfolk- (Article)

[http://www.heritage.norfolk.gov.uk/record-details?TNF405-Military-Airfields-in-Norfolk-\(Article\)](http://www.heritage.norfolk.gov.uk/record-details?TNF405-Military-Airfields-in-Norfolk-(Article))

Belfast Truss

<https://www.arct.cam.ac.uk/Downloads/chs/final-chs-vol.17/chs-vol.17-pp.75-to-87.pdf>

**Nine Thousand Miles of Concrete: A Review of Second World War Temporary Airfields in England.
Historic England Report number : 75/2016**

<https://research.historicengland.org.uk/Report.aspx?i=15802>

Construction during WW2: Management and Administration http://www.arcom.ac.uk/-docs/proceedings/ar2009-0847-0856_Potts.pdf

USAAF Bases

https://www.afhra.af.mil/Portals/16/documents/Timelines/World%20War%20II/usaaf_bases_in_united_kingdom.pdf?ver=2016-08-30-150752-303

USAAF Airfields Guide and Map

<https://mediafiles.thedms.co.uk/publication/ee-eet/cms/pdf/information sheets/USAAF%20Airfields%20Guide%20and%20Map.pdf>

Type A Airfield Standard specification

https://en.wikipedia.org/wiki/Class_A_airfield http://www.controлтowers.co.uk/Romney_Huts

Romney Hut

https://en.wikipedia.org/wiki/Romney_hut

Blister Hangar

https://en.wikipedia.org/wiki/Blister_hangar

<https://aviationtrails.wordpress.com/choose-your-trail/trail-21-north-norfolk-part-2/>

Hangars

http://wrren.co.uk/wp-content/uploads/2015/08/C11.1_Condition-11-T2-HangerReport.pdf

Brief descriptions of other Hangar Types

<https://timetrail.warwickshire.gov.uk/searchglossary.aspx?term=aircraft%20hangar>

Cold War

<http://www.heritage.norfolk.gov.uk/record-details?MNF46765-Cold-War-Thor-missile-site>

Coltishall Conservation Area

https://www.north-norfolk.gov.uk/media/1457/raf_coltishall_ca.pdf

Practical Conservation Needs of Historic Military Airfields

<https://historicengland.org.uk/research/current/discover-and-understand/military/historic-military-airfields/>

Historic England Military Structures Listing Selection Guides

<https://historicengland.org.uk/images-books/publications/dlsg-military/heag123-militarystructures-lsg/>

Pathway to History

<https://www.uea.ac.uk/history/pathways/about-the-project>

<https://uealandscape.wordpress.com/category/pathways/>

Brecks Landscape Conservation Action Plan

<http://www.breakingnewground.org.uk/assets/LCAP/BNGLPS-Landscape-ConservationAction-Plan-web.pdf>

<http://www.breakingnewground.org.uk/what-is-bng-2/>

Part 5 Understanding the Region of East Anglia: Country House Annex



Houghton Hall, Norfolk.

Part 5 Annex notes Historic England Official Listing status and individual URLs for each listed Country House location.

Part 6 Understanding the Region of East Anglia: Airfield Annex



Coltishall © Google Earth 2000 (pre-solar farm installation)

London Defence Area

https://en.wikipedia.org/wiki/London_Air_Defence_Area

Wartime Deception in Norfolk and Suffolk

<https://www.aviationmuseum.net/AirfieldDecoys.htm>

American Airmen in Britain During the Second World War

<https://www.iwm.org.uk/history/american-airmen-in-britain-during-the-second-world-war>

Nine Thousand Miles of Concrete: A Review of Second World War Temporary Airfields

<https://research.historicengland.org.uk/Report.aspx?i=15802>

Historic Military Aviation Sites. Conservation Guidance. Historic England

<https://historicengland.org.uk/images-books/publications/historic-military-aviationsites/heag048-historic-military-aviation-sites/>

Conservation Bulletin 44. The Archaeology of Conflict. Historic England

<https://historicengland.org.uk/images-books/publications/conservation-bulletin-44/>

RAF Coltishall Conservation Area Appraisal. Broadland District Council

https://www.broadland.gov.uk/downloads/file/492/raf_coltishall_conservation_area_appraisal

Control Towers

<http://www.controltowers.co.uk/Intro.htm>

Airfields of Britain Conservation Trust

<http://www.abct.org.uk>

Airfields and their Memorials in East Anglia

<http://www.geograph.org.uk/article/Airfield-Memorials-in-East-Anglia/>

Norfolk Military History

<https://www.genuki.org.uk/big/eng/NFK/Milhist>

City of Norwich Aviation Museum

<http://www.cnam.org.uk/index.php>

Norfolk and Suffolk Aviation Museum

<https://www.aviationmuseum.net/index.html>

RAF Museum Site Plans for RAF Airfields and Stations

<https://www.rafmuseum.org.uk/research/default/archive-collection/site-plans-for-rafairfields-stations.aspx>

Imperial War Museum, Duxford

<https://www.iwm.org.uk/visits/iwm-duxford>

Thor Missile Deployment in the UK

<https://harringtonmuseum.org.uk/thor-missile-deployment-in-the-uk/>

Bristol Bloodhound Missile

<http://www.bcar.org.uk/bloodhound>

RAF Radar Museum

<https://www.radarmuseum.co.uk/history.htm>

The bleak truth about a nuclear winter in Norfolk during the Cold War: EDE 13 Nov. 2018

<https://www.edp24.co.uk/features/what-would-have-happened-if-nuclear-bombs-had-hiteast-anglia-1-5778219>

Aviation Museums in East Anglia.

http://www.airscene.co.uk/aviation_museums/east_anglia.php

Aviation Museums in East Anglia Norfolk and Suffolk

<https://www.aviationmuseum.net/Aboutusdetail.htm>

100th Bomb Group Memorial Museum

http://www.airscene.co.uk/aviation_museums/UK/100th-bomb-group-museum.php

Bentwaters Cold War Museum

<https://www.bcw.org.uk>

http://www.airscene.co.uk/aviation_museums/UK/bentwaters_cold_war_museum.php

Boxted Airfield Museum

<http://www.boxted-airfield.com/boxted-airfield-museum>

http://www.airscene.co.uk/aviation_museums/UK/boxted_airfield_museum.php

The City of Norwich Aviation Museum

<http://www.cnam.org.uk>

http://www.airscene.co.uk/aviation_museums/UK/city-of-norwich-aviation-museum.php

RAF Radar Museum Neatishead.

https://www.radarmuseum.co.uk/room_guide.htm

Martlesham Heath Control Tower Museum

<http://www.mhas.org.uk>

http://www.airscene.co.uk/aviation_museums/UK/martlesham_heath_control_tower_museum.php

RAF Bircham Newton Heritage Centre

<https://www.rafbnmp.org.uk>

http://www.airscene.co.uk/aviation_museums/UK/raf-bircham-newton-heritagecentre.php

RAF Sculthorpe Heritage Centre

<https://www.rafsculthorpeheritagecentre.org>

http://www.airscene.co.uk/aviation_museums/UK/RAF-Sculthorpe-Heritage-Centre.php

Seething Control Tower Museum

http://www.airscene.co.uk/aviation_museums/UK/Seething-Control-Tower-Museum.php

Wethersfield Airfield Museum

<http://www.americanairmuseum.com/place/409>

http://www.airscene.co.uk/aviation_museums/UK/Wethersfield-Airfield-Museum.php

Understanding and Appreciating the Region of East Anglia: Additional Reading



Cromer beach and pier. Norfolk. © Barry Bridgwood

Discovering Windmills. Vince, J. Shire Publications 1981

Windmills of England. Brown, R.J. Robert Hale Ltd

Some Essex Watermills. Benham, H. Mersea Bookshop 1983

Forgotten Railways (East Anglia). R.S. Joby A Regional History of The Railways of Great Britain Volume 5. D.I. Gordon

Norfolk Airfields in the Second World War. Graham Smith Countryside Books, 1994

Action Stations 1. Military airfields of East Anglia. Michael J.F. Bower Patrick Stephens Ltd, 1982

Discovering Timber-Framed Buildings. Harris, R. Shire Publications Ltd, [1978] 1981.

Recording Timber-Framed Buildings: An Illustrated Glossary. Alcock, N.W et al. Council for British Archaeology, 1996.

Discovering Traditional Farm Buildings. Peters, J.E.C. Shire Publications, 1991.

Churches and Chapels: Investigating Places of Worship. Parsons, D.CBA, 1998

Round Tower Churches of South East England. Goode, W.J. Round Tower Churches Society, Norfolk, 1994

Recording a Church: An Illustrated Glossary. Cock. T. Et al. Council for British Archaeology, 1996

Norfolk Churches from the Air and More Norfolk Churches from the Air. Page, M and Young, P. Poppyland Publishing, 2017

Recording Timber-Framed Buildings: An illustrated glossary. Alcock, N.W, et al. CBA, 1996

Regional Variations in Timber-Framed Building: In England and Wales. Ed. Stenning and Andrews. Essex County Council 1998.

English Farmhouses. Brown, R.J. Robert Hale, London, 1982.

The English Country Cottage. Brown, R/J. Robert Hale, London, 1982.

Houses in the Landscape: A Regional Study of Vernacular Building Styles. Penoyre, J & J. Faber and Faber, 1978

Western Architecture. Furneaux Jordan. R. Thames and Hudson Ltd, London 1997

Fixtures and Fittings in Dated Houses 1567 – 1763. Alcock. N.W & Hall. L. Council for British Archaeology 1999

Conservation Specific Reading

An Introduction to Architectural Conservation, Philosophy, Legislation and Practice. Nick Lee Evans. RIBA Publishing 2014

An Outline of European Architecture. N. Pevsner. Pelican [1943] 1966, Pelican Books, England.

Building Conservation Philosophy. Earl, J. Donhead, 2003

Illustrated Handbook of Vernacular Architecture. Brunskill. R.W. [1971] 1982, Faber, England.

Technologies of Architecture, Vol 5. History, Performance and Conservation. Barry Bridgwood and Lindsay Lennie. Taylor & Francis, 2009

The Development of English Building Construction. C.F.Innocent. [1916] Donhead Publishing Ltd, Reprint, 1999.

Modern Matters: Principles & Practice in conserving Recent Architecture. Ed. Macdonald. S. Donhead 1996.

Preserving Post-War Heritage: The Car and Conservation of Mid-Twentieth Century Architecture. Ed Macdonald. S. Donhead 2001

The Repair of Historic Buildings: Advice on principles and methods. Brereton. C. English Heritage 1995.

Creative re-use of Buildings. Vols 1 & 2. Latham. D. Donhead 2000

Conservation of Traditional Farm Buildings. English Heritage 2006
