

BEDFORDSHIRE, HUNTINGDONSHIRE & THE SOKE OF PETERBOROUGH

BEDFORDSHIRE. A county in England, about 36 miles in length, and 22 in breadth. It contains 9 hundreds, 10 market towns, 124 parishes, and 107,936 inhabitants, and sends four members to parliament.

HUNTINGDONSHIRE. A county of England, bounded by Northamptonshire, Cambridgeshire, and Bedfordshire. It is 22 miles long, and about 18 broad. The principal rivers are the Ouse and Nen. It is divided into 4 hundreds, which contain 5 market towns, 78 parishes, and 279 villages.

Bedford. It has five churches, of which St Paul's is a very notable building.....

Huntingdon. It has 2 churches, a handsome market-place, and a good grammar school. It was once very large, having 15 churches, which in Camden's time, were reduced to 4, and now to 2.....

In 1842, Peterborough was in Northamptonshire. Huntingdon & Peterborough are now in Cambridgeshire.

BEDFORDSHIRE

COCKAYNE HATLEY [TL2649]

ST JOHN

Held since 1417 by the Cockayne family, refitted in the 1820s with an astonishing collection of woodwork and other artefacts from the Continent.

Heating by*

[] JB, 63: Jenkins, 4-5

LEIGHTON BUZZARD [SP9225]

ALL SAINTS

C13-15, regarded by Betjeman as the finest parish church in the county, now restored after a major fire in 1985.

Heating by*

[] JB, 64-5: Jenkins, 8-9

HUNTINGDONSHIRE

HUNTINGDON [Cambridgeshire TL2371]

TRINITY CHURCH

High Street

Built c.1869, *John Tarring*.

Heating by G N Haden & Son, prob. warm air, installed c.1869

[] BE/BU, 269-70 not listed: TBL1869/46 (Ve, VI)

SAWTRY [Cambridgeshire TL1683]

ALL SAINTS WITH ST ANDREW

Built 1880, *Sir Arthur William Blonfield*

Heating by*

[] JB, 277

THE SOKE OF PETERBOROUGH

PETERBOROUGH [Cambridgeshire TL1998]

CATHEDRAL CHURCH OF ST PETER, ST PAUL AND ST ANDREW

[Location map, precincts: BE/BU, 321]

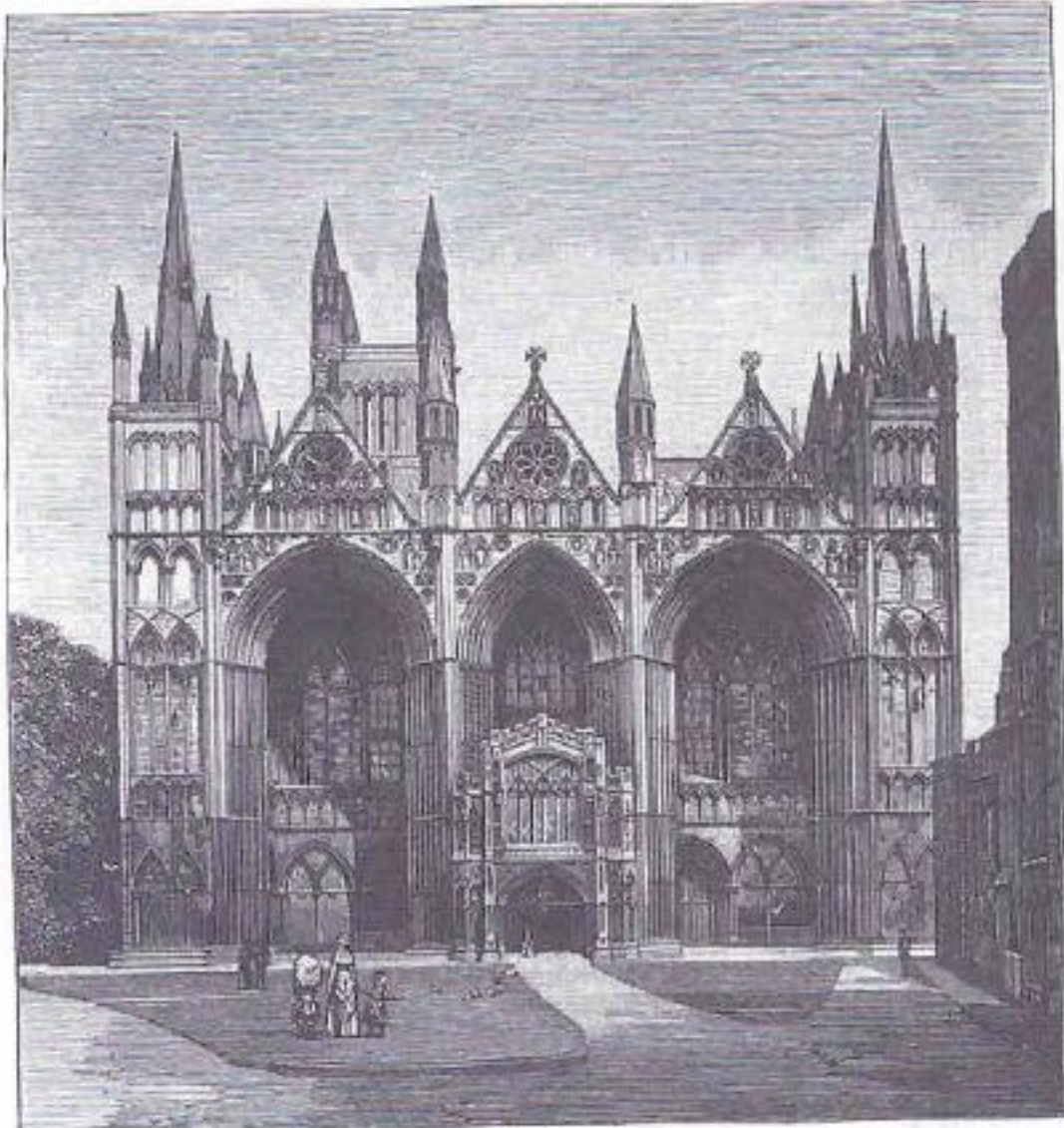
Norman, about 1118-1237, restored 1882-6, *John Loughborough Pearson*. Made a cathedral 1541 by Henry VIII.

Heating by 8 Garney warm air stoves by The London Warming & Ventilating Co Ltd, c.1900

[] BE/BU, 305-23 (P); CA, 147-151 (P); CAEW, 199-207, (2Vc, 2Vi); CE/N, 271-86 (P from TB.1891); Cormack, 114-7; Clifton-Taylor, 271 (P)

Heating in Churches: Bedfordshire, Huntingdonshire and the Soke of Peterborough

BEDFORDSHIRE, HUNTINGDONSHIRE & THE SOKE OF PETERBOROUGH



PETERBOROUGH CATHEDRAL
CATHEDRAL CHURCH OF ST PETER, ST PAUL & ST ANDREW
[Cathedrals & Abbeys of England & Wales, 1891, p.201]

Heating in Churches: Berkshire

BERKSHIRE

A county of England, bounded on the north by Oxfordshire and Buckinghamshire, on the west by Wiltshire, on the south by Hampshire and Surrey, and on the east by Middlesex and Buckinghamshire. It is about 40 miles long, and 25 broad.

It now incorporates areas which were previously in Buckinghamshire.

ASCOT [SU9268]

ASCOT CONVENT (RC)

Heating by John Metcalf, Preston. Low pressure hot water heating installed between 1873-1910.

[] BE/BE, 68-70 not listed; Metcalf, 41

ASCOT PRIORY

Society of the Holy Trinity

Originally a convalescent hospital, begun 1861,

Charles Buckenidge, additions by *Sir George*

Gilbert Scott. Chapel 1877 by *William Butterfield*

South wing 1901 by *Leonard Aloysius Scott Stokes*

Heating prob. G N Haden & Sons Ltd who held the

UK rights to the Reck system from 1904, although

the reference is from a catalogue issued by *Jas*

Boyd, Paisley. Accelerated low pressure hot water

heating system using a Reck patent circulator,

installed between 1904-1911.

[] BE/BE, 68-9; Boyd, 20

MAIDENHEAD [SU8881]

ALL SAINTS

Boyne Hill

Built 1854-65, *George Edmund Street*

Considered one of Street's best works

Heating by *:

[] BE/BE, 173-4; JB, 75; TBI.1860/769

SLOUGH [SU9779]

Now in Berkshire, but was originally in

Buckinghamshire where entries are included

SUNNINGDALE [SU9567]

HOLY TRINITY

Previous church 1839, chancel rebuilt 1860

by *George Edmund Street* remainder by *John*

Oliver Scott

Heating by A M Perkins & Son Ltd, London.

Perkin's high pressure hot water small-bore heating

system, prob. 1860-1891

[] BE/BE, 232; Dye (ad)

WINDSOR [SU9676]

HOUSE OF MERCY CHAPEL

Hatch Lane

Built 1853-96, chapel 1857,

Henry Woodyer [37]

Heating *

[] BE/BE, 305; Dixon, 199-201

ST GEORGE'S CHAPEL

Windsor Castle

Dates from 1474, Victorian restoration by

Edward Blore 1841-5 & 1863 *Sir George Gilbert*

Scott 1866-72. *John Loughborough Pearson*

1878-86 Building completely restored 1920-30.

Heating by

(1) John Grundy, London, warm air stoves

(2) A M Perkins & Son Ltd, London

Perkin's high pressure hot water small-bore

heating system, installed before 1891, the Grundy

system before 1897

[] BE/BE, 268-79; Dye (ads: Grundy, Perkins)

ST STEPHEN

Vansittart Road

Built 1874, *Henry Woodyer*

Heating prob. G N Haden & Sons who held the

UK rights to the Reck system though the reference

is from a catalogue issued by *Jas Boyd* of Paisley,

which gives the church location as Clewer, once a

village on the outskirts of Windsor. Accelerated

low pressure hot water heating using a Reck patent

circulator, installed between 1904-11

An unnamed church at Clewer appears on a Haden

listing.

[] BE/BE, 300; Boyd, 21

BUCKINGHAMSHIRE

A county of England, bounded on the north by Northamptonshire, on the east by Bedfordshire, Herfordshire and Middlesex, on the west by Oxfordshire, and on the south by Berkshire, from which it is separated by the river Thames. It is about 50 miles in length, and 18 in breadth.

Buckingham. There is a county jail, and a town-hall. It has but one church.

Some parts are now in Berkshire.

ETON [Berkshire SU9677]

QUEEN'S SCHOOL CHAPEL

Eton College

[Location, College map, BE/BU, 313]

Built 1889-91 with additions 1903-5, *Sir Arthur William Blomfield*

Heating by John Grundy, London. Warm air stoves, c.1891

[] BE/BU, 318-9: Dye, (ad)

GERRARDS CROSS [TQ 0088]

ST JAMES

Windsor Road

Built 1859 by Hardy & Son, Cowley, *Sir William Tite*

Heating by Messrs Grainge, Uxbridge, poss. low pressure hot water heating, c.1859.

[] BE/BU, 338-9: JB, 91: TBL 1859/617 (Ve)

SLOUGH [Berkshire SU9779]

ST MARY

Church Street

Originally described as Upton Church, Windsor Road, Upton-cum-Chalvey

Built 1835-36, alterations 1876-78 by Fassnidge & Son, Uxbridge, *William Scamp*, Windsor Castle and *John Ould Scott*

Heating by The London Warming & Ventilating Co Ltd, London. Gurney warm air stoves, c.1880.

[] BE/BU, 624-5: TBL 1881/404 (V)

CAMBRIDGESHIRE

A county of England, bounded by the counties of Bedford, Huntingdon, Northampton, Lincoln, Norfolk, Suffolk, Essex, and Hertford. It is 50 miles in length from north to south, and 25 broad from east to west.

Ely. The minster is a fine building, and has a stately tower, which can be seen at a great distance. The bishops have the rights of Counts Palatine, which also they had through the whole Isle of Ely, till the reign of Henry VIII. Ely is completely subordinate to the bishop in its civil government, and is the only city in England unrepresented in parliament.

Now includes the former counties of the Isle of Ely and Huntingdon, and the Soke of Peterborough.

CAMBRIDGE [TL4458]

ALL SAINTS

Jesus Lane

Built 1862-9, *George Frederick Bodley*

Heating by *

[] BE/C, 221; JB, 102

KINGS COLLEGE CHAPEL

Founded by Henry VI in 1441, completed by Henry VIII

Heating by *

[] The Chapel, BE/C, 102-15; Watkin EA, 71-3

OUR LADY & THE ENGLISH MARTYRS (RC)

Hills Road

Built 1885-90, *Dunn & Hansom*, described as a big ambitious building.

Possibly the Catholic church on a Haden listing

[] BE/C, 229

ELY [TL5480]

CATHEDRAL OF THE HOLY AND UNDIVIDED TRINITY AND ST ETHELDREDA

Dates back to 1090, Cathedral from 1109.

Restoration by *Sir George Gilbert Scott*

The famous octagonal tower was built 1322-8 and given its timber lantern by 1342.

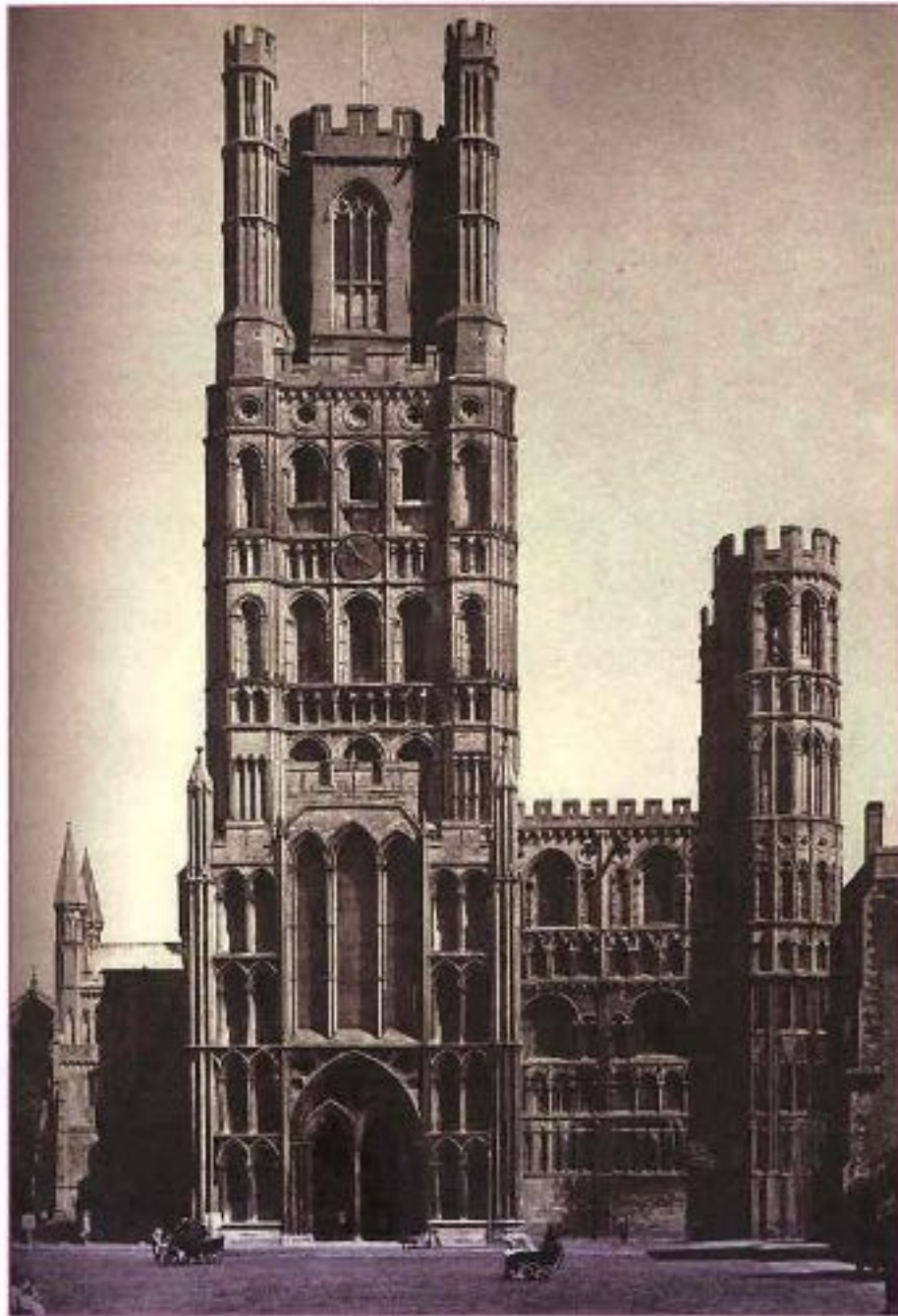
Heating prob. The London Warming &

Ventilating Co Ltd, London. Gurney warm air stoves, installed late C19.

[] BE/C, 339-69; Billington, 95; CA, 130-4 (P); CAEW, 215-224 (5Ve, 3Vi); CE/N, 103-131 (P from TB.1892); Clifton-Taylor, 267 (P); Cormack, 36-42; Watkin EA, 62 (P)

Heating in Churches: Cambridgeshire

CAMBRIDGESHIRE



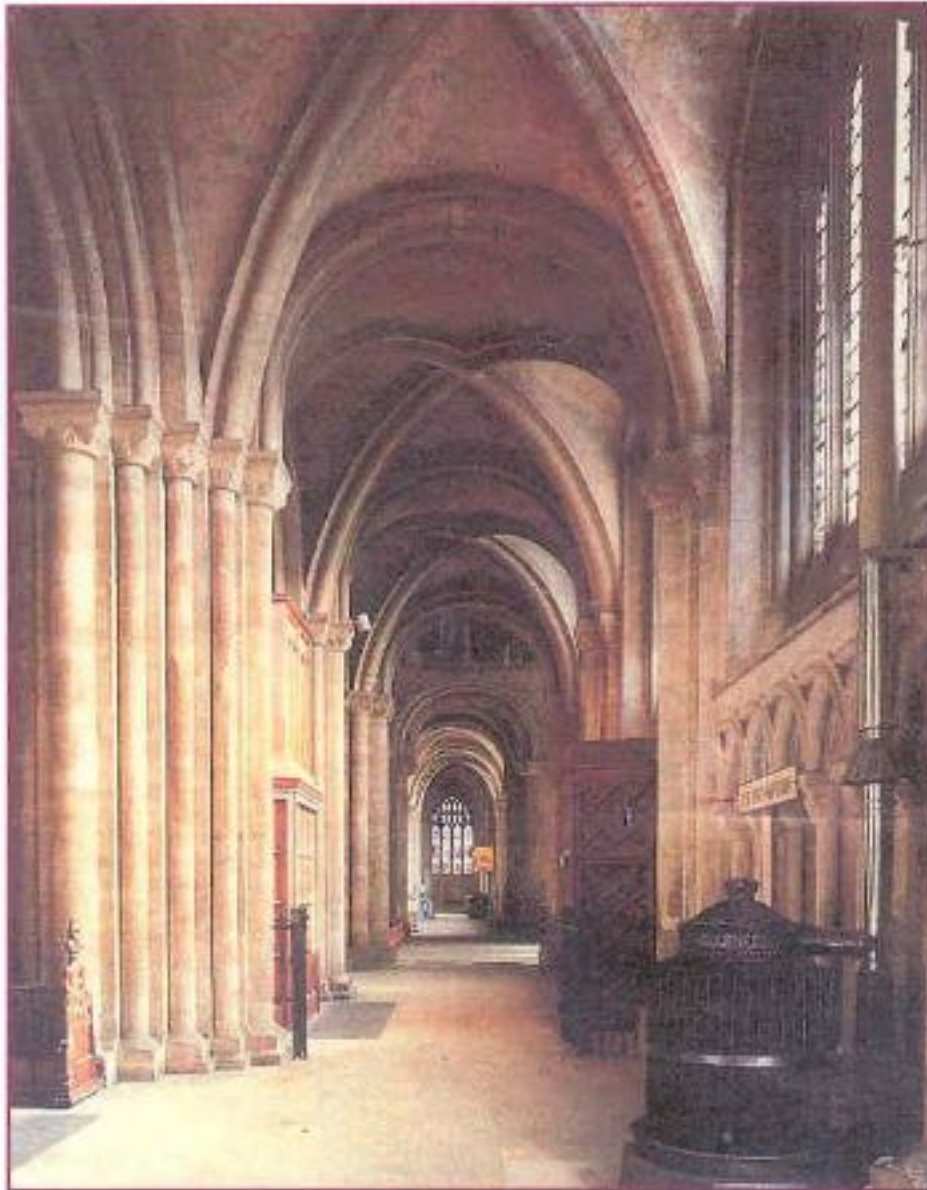
ELY CATHEDRAL

CATHEDRAL OF THE HOLY TRINITY

Heated by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
[The Cathedrals of England, Alec Clifton-Taylor, 1986, p.51]

Heating in Churches: Cambridgeshire

CAMBRIDGESHIRE



PETERBOROUGH CATHEDRAL

CATHEDRAL CHURCH OF ST PETER, ST PAUL and ST ANDREW

Heated by eight Gurney warm air stoves by The London Warming & Ventilating Co Ltd,
c.1900; converted to oil firing in the 1970s and converted to gas (as picture) c.1991

[H&V News, 6 July 1991]

Heating of Churches: Cheshire

CHESHIRE

A county Palatine of England, lying on the Irish Sea, and bounded by Lancashire, Yorkshire, Derbyshire, Staffordshire, Shropshire, and Wales. It is about 60 miles in length, and 30 in breadth.....It has 101 parishes.

Chester. It has nine well-built churches, and a cathedral, dedicated to St Werburgh, which is very ancient.

Some parts are now in Merseyside

CHRESTER [SJ4066]

CATHEDRAL CHURCH OF CHRIST AND THE BLESSED VIRGIN MARY

Norman, extensive restoration 1818-1908, by *T Harrison*, 1844 *R C Hussey*, 1858 *Sir George Gilbert Scott* 1882 *Sir Arthur William Bloufield* *Charles James Bloufield* and *Sir Giles Gilbert Scott*. Made a cathedral by Henry VIII, 1542. The Chapter House contained a "Warming Room" with two large fireplaces.

Heating by The London Warming & Ventilating Co Ltd, London. Six Gurney warm air stoves, date unknown. (JMB.2001 & GWB)

[] BE/CH, 135-147; CA, 277-8 (P); CAEW, 208-14 (3Ve, Vi); Clifton-Taylor, 266 (P); Cormack, 102-4; TB.1893 in CE/N, 53 (P); Chapter House TBL1849/366 (Vi)

MACCLESFIELD [SJ9173]

ST ALBAN (RC)

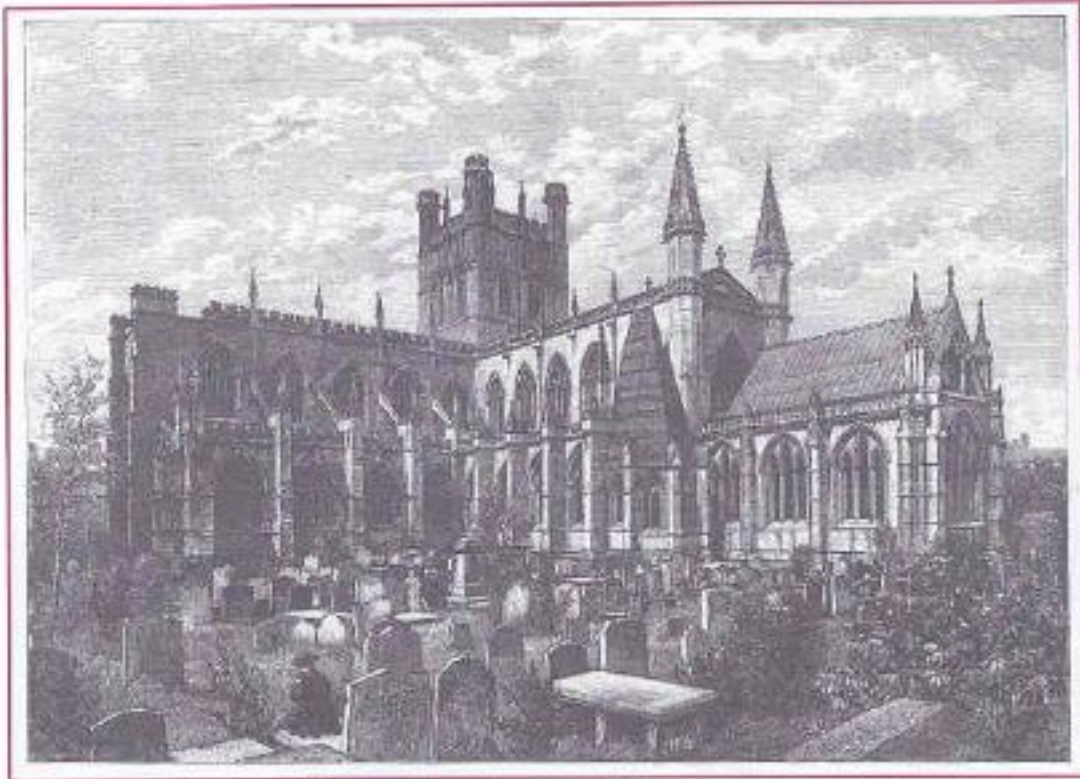
Built 1838-41, *Augustus Welby Northmore Pugin*

Building cost £8000.

Heating by *

[] BE/CH, 267-8; Curl VC, 30

CHESHIRE



CHESTER CATHEDRAL

CATHEDRAL CHURCH OF CHRIST AND THE BLESSED VIRGIN MARY

The Chapter House was provided with a Warming Room having two large fireplaces.

The cathedral was heated by 6 Gurney warm air stoves by The London Warming & Ventilating Co Ltd
[Cathedrals & Abbeys of England & Wales, 1891, p.212]

Heating in Churches: Cornwall

CORNWALL

A county in England, which forms the south west extremity of Great Britain. It is bounded on the east by Devonshire; its other parts are washed by the sea. Its length from east to west is 74 miles, and its greatest breadth about 43; on the south west it terminates in two promontories, the Lizard Point and the Land's End. It contains 9 hundreds and 206 parishes.

FALMOUTH [SW8032]

ALL SAINTS

Killegrew Street

Built 1887-90, *John Dando Sedding*

Heating by *

[] BE/CO, 67; JB, 129

KING CHARLES THE MARTYR

Church Street

Built 1662-4, C19 alterations, then 1896

Edmund Harold Sedding

Heating by *

[] BE/CO, 66-7; JB, 129

TRURO [SW8244]

CATHEDRAL CHURCH OF ST MARY

Built 1880-1910, *John Loughborough Pearson*

completed by his son *Frank Loughborough*

Pearson. The only Anglican cathedral built by the

Victorians, on the site of the C16 Parish Church.

Cost at 1887, £114,081 11s 9d.

Heating by John Grundy, London, by Grundy warm air, before 1897.

{BMR.2003}

[] BE/CO, 233-4; CA, 115 (P); CAEW, 264-6 (Ve, building not completed when this book was written); CE/S, 286-91; Connack, 138-9; Dye, (ad)

ST PAUL (or ST CLEMENT)

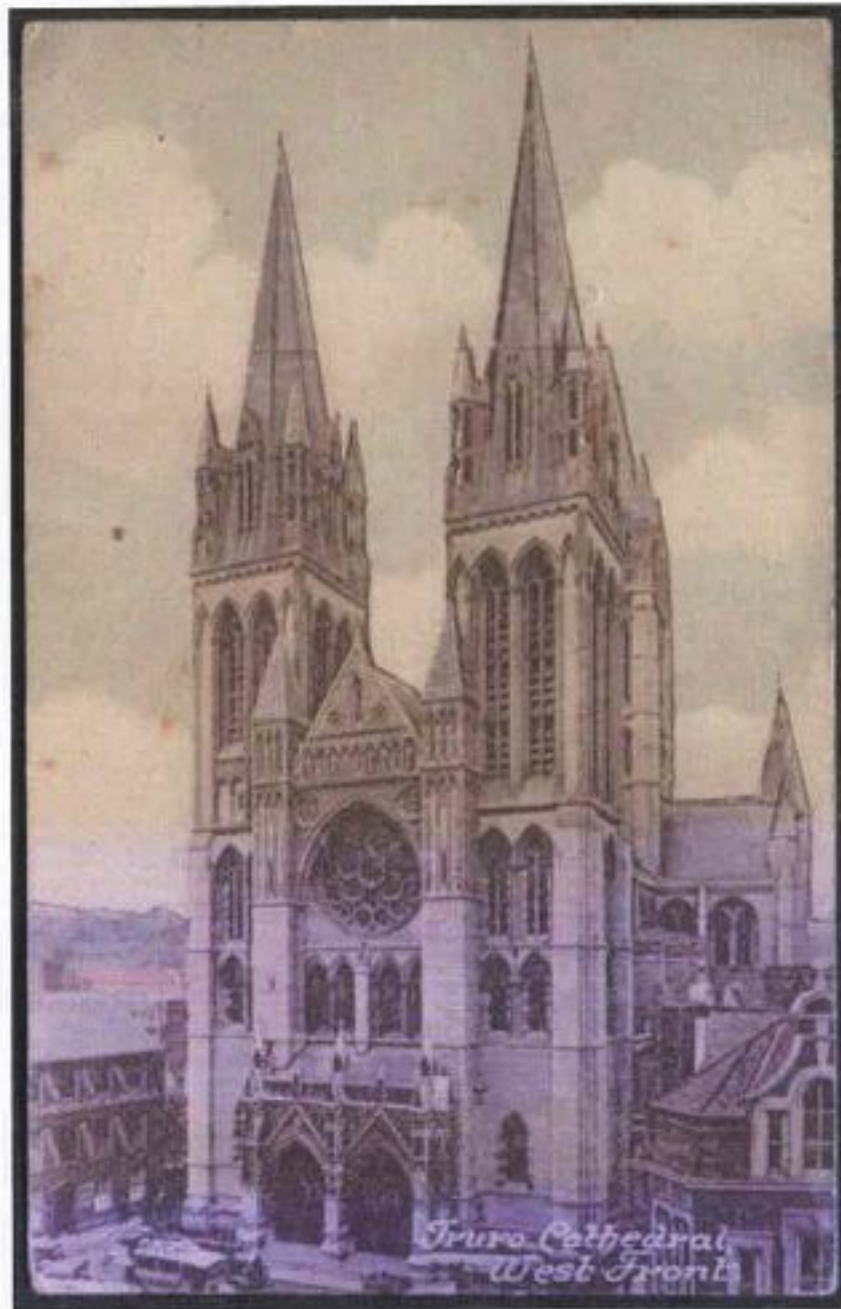
Built from 1848, continued 1882-9 by *John Dando Sedding*

Heating by *

[] JB, 135

Heating in Churches: Cornwall

CORNWALL



TRURO CATHEDRAL
CATHEDRAL CHURCH OF ST MARY
Heating by Grundy warm air stoves
[Postcard]

CUMBERLAND & WESTMORELAND

CUMBERLAND. A maritime county of England, bounded on the west by the Irish Sea and Solway Firth; on the north by Scotland; on the east by Northumberland, Durham and Westmoreland; and on the south west and south by the sea and Lancashire. It is 58 miles in length, and its greatest breadth is about 45 miles.....It contains 1 city, 2 boroughs, 17 market towns.

WESTMORELAND. An English county, 40 miles in length, and 21 in breadth, bounded by Cumberland, Lancashire and Yorkshire. It contains 26 parishes and 8 market towns.

Both now amalgamated into Cumbria and incorporating the original North Lancashire

CUMBERLAND

CARLISLE [Cumbria NY3956]

CATHEDRAL OF THE HOLY AND UNDIVIDED TRINITY

Norman, originally an Augustinian Priory, cathedral from 1133, restored 1853-7, *Evvar Christian* [14] who designed the National Portrait Gallery, London.

Heating by*

[] BE/CU, 88-96; CA, 215-7 (P); CAEW/251-8 (2Ve, 2V1); CE/N, 41-50; (P from TB-1893); Clifton-Taylor, 266 (P); Cormack, 22-5

WREAY [Cumbria NY4348]

St Mary

Built 1842, designed by *Sarah Losh*, an amateur, as a memorial to her sister Katherine. Regarded by Jenkins as unique and the best church in what was Cumberland.

Heating by*

[] BE/CU, 210-3; JB, 145; Jenkins, 103

WESTMORELAND

AMBLESIDE [Cumbria NY3704]

St Mary

Built 1850-4, *Sir George Gilbert Scott*.

Heating by*

[] BE/CU, 215; JB, 573

Heating of Churches: Cumberland & Westmoreland

CUMBERLAND & WESTMORELAND



CARLISLE CATHEDRAL
CATHEDRAL OF THE HOLY AND UNDIVIDED TRINITY
[Cathedrals & Abbeys of England & Wales, 1891, p.252]

DERBYSHIRE

A county of England, bounded by Cheshire, Staffordshire, Yorkshire, Nottinghamshire, Leicestershire, and Warwickshire. It extends nearly 56 miles in length from north to south, and 34 from east to west where broadest; but in the south part it is not above six. It is divided into six hundreds.

DERBY [SK3536]

CATHEDRAL AND PARISH CHURCH OF ALL SAINTS

Tower completed c.1530, church rebuilt 1723-5 by William & Francis, Warwick. Part rebuilt by *James Gibbs*. Some restoration of interior 1873-4, *J Young*. Cathedral from 1927.

Gibbs wrote "A Book of Architecture," 1728, said to have been the most influential C18 book on architecture. He also designed St Martins-in-the-Fields, London

Heating by *:

[] BE/D, 167-71: CA, 168-70 (P); CAEW, Derby not included as it was not a cathedral when the book was written in 1891: CE/N, 70-1: Cormack, 143.

ST MARY (RC)

Bridge Gate

Built 1837-9, *Augustus Welby Northmore Pugin*: his first large parish church. Chapel added 1854, *Edward Welby Pugin*.

Heating by *

[] BE/D, 171Curl VC, 34

MATLOCK BATH [SK2960]

CONGREGATIONAL CHURCH

Built c.1865, *W Hull*, Northampton

Heating by Messrs Blake, Coventry, system unknown, installed c.1865

[] BE/D not listed: TBI.1865/872 (Ve)

DEVON

A county of England, reaching from the Bristol to the English Channel, and bounded by Cornwall, and Somersershire, and Doesotshire. It is 69 miles in length, and 60 in breadth, and is divided into 31 hundreds.

Exeter. Here is a noble cathedral, (for it is one of the sees of the Bishops of the Church of England).....

ATHERINGTON [SS5922]

ST MARY *

From C15, restored 1884, *John Loughborough Pearson*

Heating by *

[] JB, 164

BARNSTAPLE [SS5633]

WESLEYAN CHAPEL

Boutport Street

Built 1867, extended 1885, then 1905,

Alexander Lauder, Barnstaple

Only part of outer walls remain (1989).

Heating poss. by Garton & King, Exeter.

Poss. Garton & King warm air stoves as Wesleyan

Chapel, Newton Abbott by same architect

[] BE/DE, 152; TBI.1869/346 (Ve)

DARTINGTON [SX7862]

ST MARY

Original church rebuilt on a new site . 1878-80,

John Loughborough Pearson

Heating by *

[] JB, 168

EXETER [SX9292]

CATHEDRAL CHURCH OF ST PETER

Norman but mainly C13-14, restoration c.1805-29

& 1870-7 by *Sir George Gilbert Scott*

The cathedral vaulted roof (over 300 ft) is said to be the longest continuous stretch of Gothic vaulting in the world.

Heating by The London Warming & Ventilating Co

Ltd, London. Gurney warm air stoves, before

1897, prob.c.1877. New system provided c.1997

{FJF.2001}

[] BE/DE, 364-86 (P); CA, 97-100 (P); CAEW,

225-32 (2Ve, 2Vi); Clifton-Taylor, 268 (P);

Cornack, 42-5; Dye, (ad); TB/1891 (P)

CATHEDRAL LIBRARY

[Location CA, 98 (P), next to Chapter House]

Built C14, rebuilt 1887, *John Loughborough Pearson*

Heating by A M Perkins & Son Ltd, London.

Perkin's high pressure hot water small-bore heating

system, prob. installed 1887. Replaced by low

pressure hot water heating system using cast-iron

radiators in 1950s {FJF.2001}

[] Dye, (ad)

NEWTON ABBOTT [SX8671]

WESLEYAN CHAPEL:

Built c.1870 by Lowe & Sons,

Alexander Lauder, Barnstaple

Heating by Garton & King, Exeter.

Garton & King warm air stoves, c.1870

[] BE/DE, 584-92 not located: TBI 1870/145-6

(Ve)

OTTERY ST MARY [SY0995]

ST MARY THE VIRGIN

Dates from C12, reconstructed C14 with C16

additions. Restored 1850, *William Butterfield*

Heating by *

[] JB, 172

PLYMOUTH [SX4754]

CATHEDRAL CHURCH OF ST MARY AND

ST BONIFACE (RC)

Cecil Street

Built 1856-58, *Joseph Aloysius Hawson*

restored 1920-7 & 1956-7

Heating by *

[] BE/DE, 645-6; CA, 105; CE/S, 227

TORQUAY [SX9164]

ST JOHN EVANGELIST

Montpellier Road

Built 1861-5, *George Edmund Street*

Heating by *

[] BE/DE, 849; JB, 174

OUR LADY AND ST DENIS (RC)

(Later, Our Lady Help of Christians)

Priory Road, St Marychurch

BE/DE says built 1865 but TBI ref is 1881

Builder, William & Jesse Eddles, *Joseph Aloysius*

Hawson & Son

Heating by *

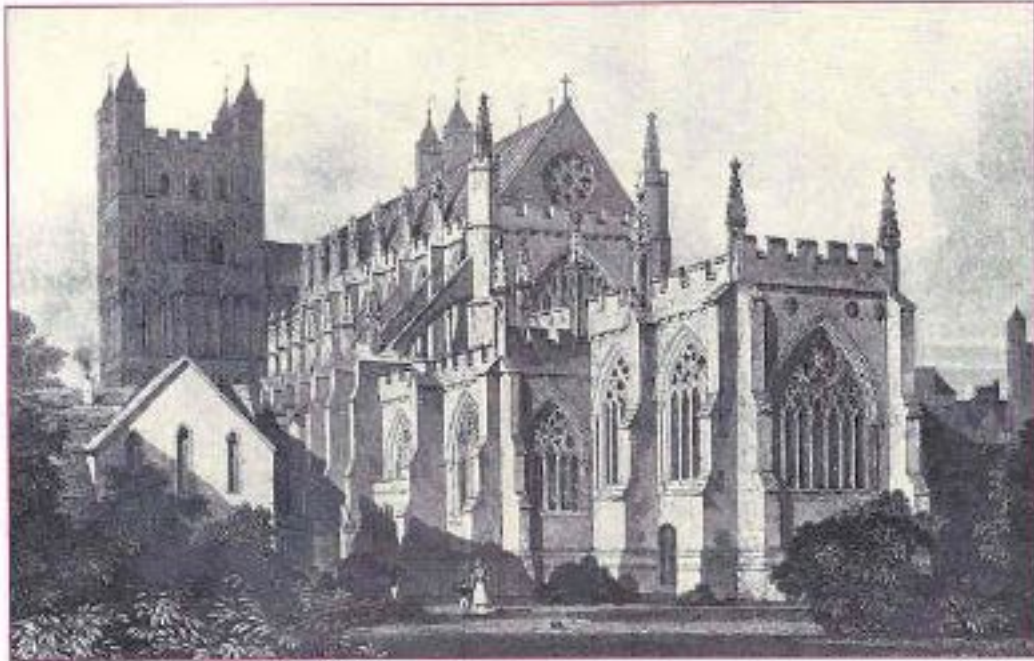
Hart, Son & Peard are listed as coppermiths but

were known (on other projects) to have been a

manufacturer of heaters and ornamental coils

[] BE/DE, 851-3; TBI.1881ii/337 (Vi)

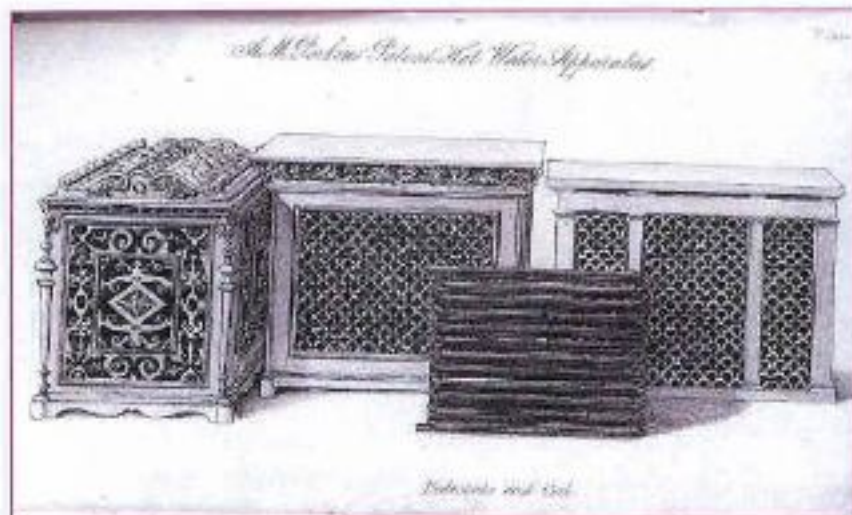
DEVON



EXETER CATHEDRAL

CATHEDRAL CHURCH OF ST PETER

Cathedral heated by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
The Cathedral Library was heated by high pressure hot water by A M Perkins & Son Ltd
[The Cathedral Builders in England, 1904, p.72]



Pedestals (heater enclosures) and heating coil

[A M Perkins's Improved Patent Apparatus for Warming & Ventilating Buildings, 1840]

Heating in Churches: Devon

DEVON



YARCOMBE

ST JOHN THE BAPTIST

Heated by a Perkins' high pressure hot water system with return bend coils
[Photograph: Frank Ferris]

Heating in Churches: Dorsetshire

DORSETSHIRE

A county of England, lying on the English Channel, bounded by Devonshire, Somersetshire, Wiltshire and Hampshire. It is about 52 miles in length, and 36 in breadth, and contains 248 parishes.

For churches in Bournemouth and Christchurch, see Hampshire, which is the County where they were located in Victorian and Edwardian times.

BRANKSOME [SZ0492]

ST ALDHELM

St Aldhelm's Road, Poole

Built 1892-4, *George Frederick Bodley* and *Thomas Garner* completed 1911

Heating by*

[] BE/DO, 326 & 553n; JB, 181

CATHERSTON LEWESTON [SY3694]

ST MARY

Built 1858, *John Loughborough Pearson*

Heating by*

[] BE/DO, 130; JB, 181

CATTISTOCK [SY5999]

ST PETER & ST PAUL

Rebuilt from 1857 by *Sir George Gilbert Scott* then mainly in 1874 by *Sir George Gilbert Scott Jr*. Described by Pevsner as the masterpiece among Dorset churches, which he said is in its thrilling parts due to the work of Scott Jr.

Heating by*

[] BE/DO, 130-1; JB, 181

KINGSTON [SY9579]

ST JAMES

Built 1873-80, *George Edmund Street* considered by Betjeman to be one of Street's best churches. Provided by the 3rd Earl of Eldon at a cost of £70,000. Pevsner remarks that the church, in all but name, stakes a cathedral claim.

Heating by*

[] BE/DO, 243-4; JB, 183

MELPLASH [SY4898]

CHRIST CHURCH

Built 1845-6, *Benjamin Ferrey* built in a Norman style

Heating by*

[] BE/DO, 282; JB, 183

MONKTON WYLD [SY3396]

ST ANDREW

Built 1848-9, *Richard Cromwell Carpenter* who also built the Rectory

Heating by*

[] BE/DO, 296-7; JB, 183

SHERBORNE [ST6316]

ABBEY OF ST MARY

A cathedral until 1075. Benedictine monastery, nave rebuilt 1475-90. Purchased for £230 by the townspeople after the dissolution in 1539. Restored in the 1850s, *Richard Cromwell Carpenter* completed 1855-84 by his partner *William Slater*. Early heating by warm air stove. Replaced in 1950s. Now heated by boiler with warm air system using the old floor ducts and gratings, with some additional radiators {FJF.2001}

[] BE/DO, 369-77; CAEW, 321-9 (VI); JB, 184; Jenkins, 160

WIMBORNE MINSTER [SZ0099]

WIMBORNE MINSTER

(ST CUTHBURGA)

Built C12 & C13-15

Restored 1857, *Thomas Henry Wyatt* and in 1891, *John Loughborough Pearson*

[] BE/DO, 461-6; CAEW, 415-23 (2Ve, 3Vi); JB, 186; Jenkins, 164

Heating in Churches: Durham

DURHAM

A county of England, lying on the German Ocean, and bounded by Northumberland, Cumberland, Westmoreland, and Yorkshire. It is about 40 miles in length and 30 in breadth, and contains 1 city, 8 market towns, and 113 parishes.

Durham. The cathedral is a fine building.....

The north-east part is now in Tyne and Wear.

DARLINGTON [NZ2814]

ST HILDA

Parkgate

Built 1887-8, *John Loughborough Pearson*

Heating by *

[] JB, 193

DURHAM [NZ2742]

CATHEDRAL CHURCH OF CHRIST
AND BLESSED MARY THE VIRGIN

Dates back to 1039, Victorian restoration by *Sir George Gilbert Scott, E R Robson & C Hodgson Fowler*. Has been called the finest Norman building in England, and, in some ways, the most important building of its date in Europe. The C14 Monk's Kitchen (later Muniment Room) has fireplaces in four corners. The Dormitory Undercroft housed a Warming Room (Calefactory), usually defined as a room in a monastery where a fire burned for the comfort of the monks.

Heating by warm air Gurney stoves by The London Warming & Ventilating Co Ltd

Modern heating system designed by J R Kell of Oscar Faber & Partners in 1952: radiators and pipe coils served from medium pressure hot water district system; weather control, 12-hour daytime operation, reduced setting at night. Pump run continuously. Boiler power 3.95 million Btu/h, maintaining 60°F, usage 50,000 therms pa (heat meter). Heated cube 3.62×10^6 ft³ including library and chapter house, giving 1.09 Btu/ft³.

[] BE/DU, 162-206 (P); CA, 218-2 (P); CAEW, 55-65 (2Ve, 6Vi); CE/N, 71-103 (P from TB, 1893); Clifton-Taylor, 267 (P); Cormack, 31-5; Faber, 35; SIHVE

HUNSTANWORTH [NY9448]

ST JAMES

Built 1863, *Samuel Sanders Teulon* who also designed the vicarage, school and much of the village.

Heating by *

[] JB, 195

WEST RAINTON [NZ3246]

ST MARY

Built 1863, *Edward Robert Robson*
tower added 1877.

Heating by *

[] JB, 197

DURHAM



DURHAM CATHEDRAL

CATHEDRAL CHURCH OF CHRIST AND BLESSED MARY THE VIRGIN

The 14th century Monk's Kitchen had fireplaces in four corners while
the Dormitory Undercroft housed a Warming Room (Calefactory)

Heating by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
[Cathedrals & Abbeys of England & Wales, 1891, p.58]

Heating of Churches: Essex

ESSEX

A county in the east of England, lying on the German Ocean, bounded by Suffolk, Cambridge, Herfordshire and Middlesex; and separated by the Thames from Kent. It is about 54 miles long, and 48 broad, and is divided into 18 hundreds.

Parts now in Greater London

BRENTWOOD [TQ5993]

CATHEDRAL CHURCH OF ST HELEN (RC)
Ingrave Road
Built 1861, *Gilbert Blount*, cathedral from 1971, enlarged and interior modernised 1972-4. New RC Cathedral by *Quinlan Terry*, dedicated in 1991.
Heating by *
[] BE/E, 101; CA, 122

CHELMSFORD [TL7007]

CATHEDRAL AND PARISH CHURCH OF ST MARY THE VIRGIN AND ST PETER AND ST CEDD
Built C15; rebuilt in after major tower collapse in 1800, firstly 1801-30 *John Johnson* then c.1878, *Sir Arthur William Blomfield* Cathedral from 1913. Much restored and extended in the 1920s, *Sir Charles Nicholson*.
Heating by *
[] BE/E, 114-6; CA, 127; CAEW Chelmsford not included as not a cathedral in 1891; CE/S, 81; Cornack, 142

CHINGFORD [Greater London TQ3894]

ST PETER AND ST PAUL
Built 1844, *Lewis Pulliamy*, enlarged 1902-3 by *Charles James Blomfield*
Heating by *
[] BE/E, 123; JB, 204

COLCHESTER [TL9925]

ST NICHOLAS
High Street
Built 1875-6, mainly *Sir George Gilbert Scott*
Heating by *
[] BE/E, 133

COPFORD [TL9222]

ST MICHAEL AND ALL ANGELS
Important C12 church, famous for its early medieval brick and outstanding wall paintings.
Heating by *
[] BE/E, 149-50; JB, 204-5; Jenkins, 182-4

EPPING [TL4502]

ST JOHN THE BAPTIST
Built 1889-1908, *George Frederick Bodley & Thomas Garner*
Heating by G N Haden & Son
[] BE/E, 173-4; JB, 205-6

GREAT WARLEY [TQ5890]

ST MARY THE VIRGIN
Built 1904, *Charles Harrison Townsend* with Arts and Crafts interior by *William Reynolds Stephens*. Townsend was the architect of the both the Whitechapel Gallery and the Horniman Museum in London
Heating by *
[] BE/E, 213; JB, 207; Jenkins, 188-9

SAFFRON WALDEN [TL5338]

ST MARY THE VIRGIN
Rebuilt late C15, early C16, rated by *Betjeman* as perhaps the largest and finest church in the county. The organ has 3500 pipes and the tower 12 bells.
Heating by *
[] BE/E, 331-3; JB, 211; Jenkins, 196

THAXTED [TL6131]

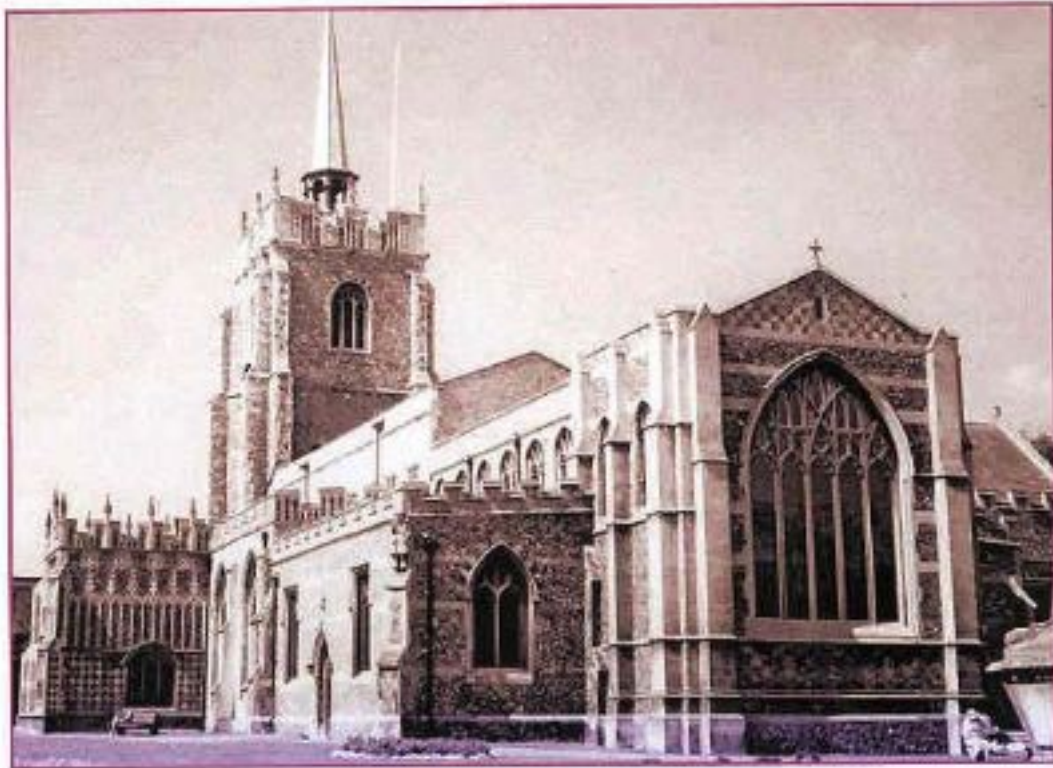
ST JOHN THE BAPTIST
Principally C14-C16, considered one of the finest churches in Essex.
Heating by *
[] BE/E, 380-2; JB, 212; Jenkins, 197

TWINSTEAD [TL8636]

ST JOHN THE EVANGELIST
Built 1859-60, *Henry Woodyer*
Heating by *
BE/E, 397; JB, 213

Heating of Churches: Essex

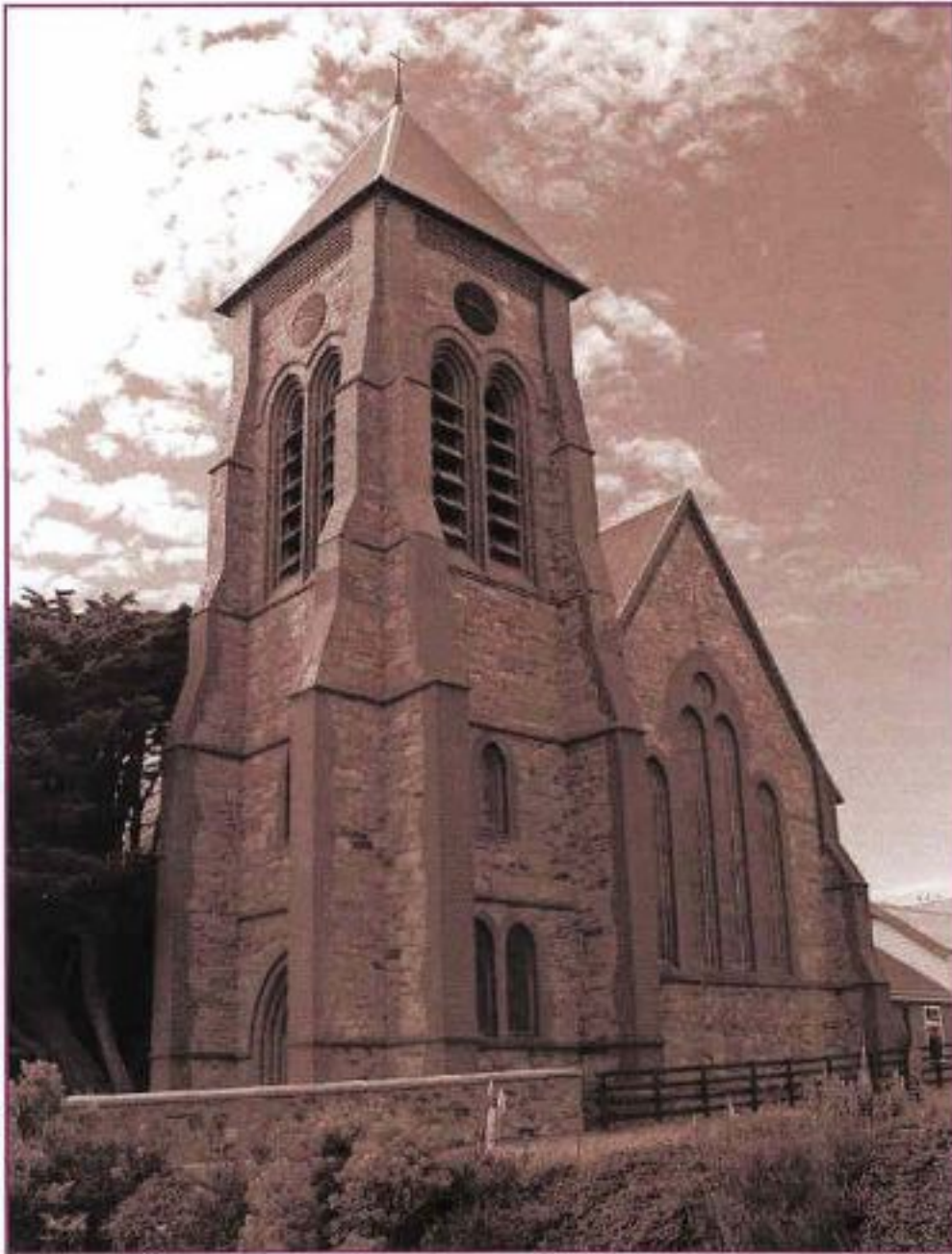
ESSEX



CHELMSFORD CATHEDRAL
CATHEDRAL AND PARISH CHURCH OF ST MARY THE VIRGIN AND
ST PETER AND ST CEDD cathedral from 1913

Heating in Churches: Falkland Islands

FALKLAND ISLANDS



STANLEY CATHEDRAL

Heated by Gurney warm air stoves by The London Warming & Ventilating Co Ltd

Heating in Churches: Gloucestershire

GLOUCESTERSHIRE

A county of England, bounded by Monmouthshire, Herefordshire, Worcestershire, Warwickshire, Oxfordshire, Wiltshire, and Somersetshire. It extends in length more than 60 miles, but is not more than 26 in breadth. It is divided into 13 hundreds, which contain one city, 27 market towns, 280 parishes, and 1229 villages.

Gloucester. The chief city, containing 5 parish churches, besides its ancient and magnificent cathedral.

Some parts of Gloucestershire are now in Avon

BATSFORD [SP1833]

ST MARY

Built 1861-2, *W F Poulton, Reading*

Heating by *

[] JB, 220

CHELTENHAM [SO9422]

PORTLAND CHAPEL

Built 1821 or earlier, architect *unknown*

Heating by Bailey, High Holborn, London.

Warming by steam heating, installed 1821.

The following description is from Tredgold/1834, "The chapel is 62 feet long, 25 feet 8 inches wide, and 26 feet high. The boiler, containing 24 cubic feet, is fixed underneath the chapel, in a room adjoining the school-room, from whence a main steam-pipe, m (Fig.23), conveys the steam to a row of pipes, SS, on each side of the chapel. These pipes are near to the walls and floor, passing through the ends of the seats, and affording to each pew an agreeable warmth. They communicate with two pedestals, b b, at the foot of the gallery-stairs, near the entrance to the chapel. Also, a large pedestal, heated by steam, is placed in the table-pew under the pulpit at P; and being made double, it warms a quantity of fresh air in its passage through it, which is admitted for the purpose of ventilation. The fire is generally lighted under the boiler late on Saturday night, and allowed to burn slowly all night; in the morning about eight or nine o'clock it is made up, and the steam let into the pipes, which renders the chapel warm and comfortable before the congregation assemble, when the steam is shut off and the fire suffered to go down, but is made up again, and the steam passed through the pipes previous to the congregation assembling in the evening."

[] BE/GL, 150 there is a Portland Street but no mention of a chapel: HMS: Tredgold.1834, 310 (Plate VII, & Figs 21, 22, 23 & 24)

CINDERFORD [SO6514]

WESLEY CHURCH

Built 1849, architect *unknown*.

Ventilation by Robert Boyle & Son Ltd, London.

Boyle patent ventilators, assisted natural ventilation, prob. installed before 1900.

Testimonial by Rev Arthur Allingham, "The Wesleyan Church here was one of the worst ventilated I have ever known; atmosphere close and stuffy. Since using your Ventilators there is a wonderful difference."

[] BE/GL, 159: Boyle, 40

DAYLESFORD [SP2425]

ST PETER

Built 1860, *John Loughborough Pearson*

French Gothic style

Heating by *

[] JB, 223

GLOUCESTER [SO8318]

CATHEDRAL CHURCH OF THE HOLY TRINITY

Dates back to 1089, Victorian restoration by Sir George Gilbert Scott. Orig. abbey church, made a cathedral 1542 by Henry VIII.

Heating by The London Warming & Ventilating Co Ltd, London. Gurney warm air heating stoves, installed 1865.

[] BE/GL, 198-219: CA, 172-7 (P): CAEW, 233-42 (3Ve, 3Vi): CE/S, 131-156 (P from TB.1891; also 2Ve, Vi): Clifton-Taylor, 268: Cormack, 105-9 (P): Dye, 22 (ad) Science Museum Collection 75, ID 9, CAT 1959-10 records Gurney stove as installed in 1865, removed 1958. TBI.1856/603 (E2, P, 3Vi) & 1875/35 (Ve)

[] Photo of Gurney stove in Lady Chapel, Clifton-Taylor, 201: Photo of Gurney stove in Science Museum Collection

ALL SAINTS

Lower Barton Street

Built 1875, *Sir Giles? Gilbert Scott*

Heating by *

[] JB, 225

ST JAMES

Upton Street

Built 1837-41, *Sampson Kempthorne*.

Heating prob. by G N Haden & Sons Ltd, who held the UK rights to the Reck system, although the reference is from a catalogue issued by Jas Boyd of Paisley. Accelerated low pressure hot water heating system using a Reck patent circulator, installed between 1903-11

[] BE/GL, 231: Boyd, 22

Heating in Churches: Gloucestershire

HORSLEY [ST8497]

ST MARTIN

Rebuilt 1838-9, *Thomas Rickman*

Heating by G & J Haden, Trowbridge, later G N Haden & Son; a Haden warm air stove, installed c.1838.

[] BE/G, 276; WRO.1325

HUNTLEY [SO7219]

ST JOHN THE BAPTIST

Built 1863. *Samuel Sanders Teulon* described as serene and impressive.

Heating *

[] JB, 227

LONG NEWTON [ST9192]

HOLY TRINITY

Rebuilt 1841 with additions in 1870, *Thomas Henry Wyatt*

Heating by G & J Haden, Trowbridge, later G N Haden & Son; a Haden warm air stove installed c.1841.

[] BE/G, 306; WRO.1325

TEWKESBURY [SO8932]

ABBEY, CHURCH OF ST MARY

Dates back to 1088, restored from 1875, *Sir George Gilbert Scott* The Society for the Protection of Ancient Buildings (SPAB) was founded by William Morris in 1877 "as a direct result of Scott's draconian proposals for the 'restoration' of Tewkesbury."

Heating prob. by The London Warming & Ventilating Co Ltd, London; 2-Gurney warm air stoves, prob.c.1875. Adapted gas-fired Gurney stoves still in use. {FJF.2001 & BMR}.

[] BE/GL, 357-70; JB, 232. TBI.1846/378 (Ve) & 1877/375, 393, (2VI)

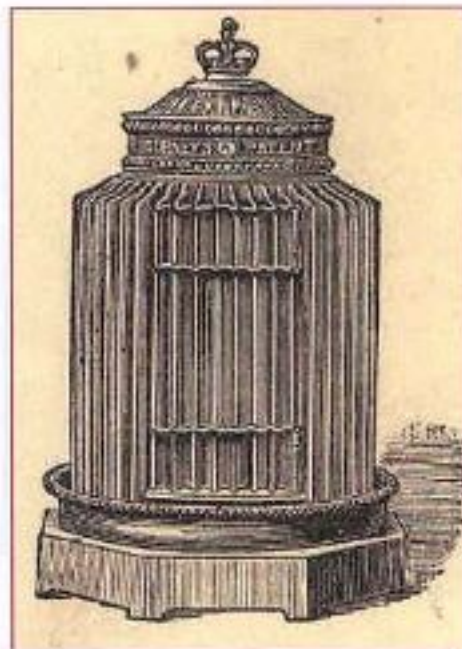
GLoucestershire



GLoucester Cathedral

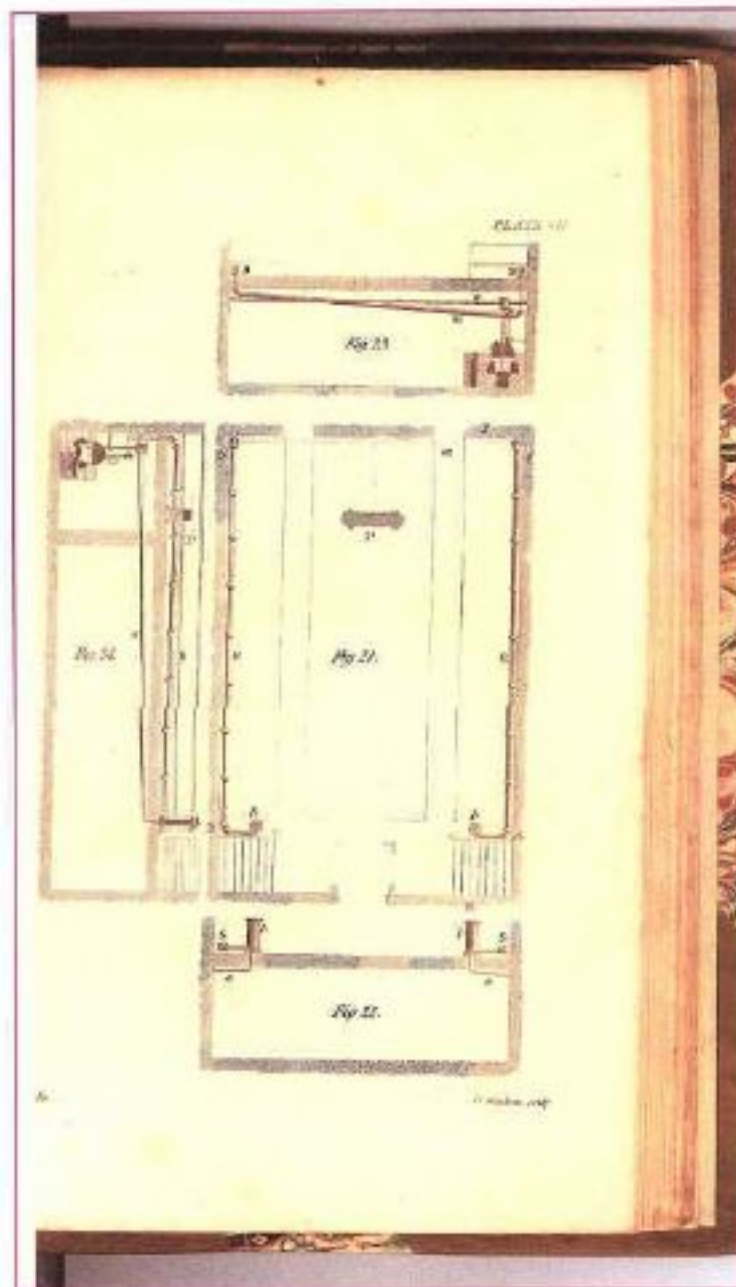
CATHEDRAL CHURCH OF THE HOLY TRINITY

Gurney warm air stoves by The London Warming & Ventilating Co Ltd installed in 1865
[Cathedrals & Abbeys of England & Wales, 1891, p.233]



Gurney warm air stove
[Heritage Group Collection]

GLOUCESTERSHIRE



CHELTENHAM PORTLAND CHAPEL

Steam heating system of 1821 by Bailey of High Holborn
[The Principles of Warming and Ventilating Public Buildings,
Thomas Tredgold, 1834; Paul Yunnice Collection]

GLOUCESTERSHIRE



TEWKESBURY ABBEY

ABBEY, CHURCH OF ST MARY

Gurney warm air stoves installed c.1875

[Cathedrals & Abbeys of England & Wales, 1891, p.381]



Gurney warm air stove at Tewkesbury
[Heritage Group Collection]