

CIBSE HERITAGE GROUP

Newsletter No. 43

June 2020

HISTORIC ENGLAND NUMBER

Championing England's Heritage



Historic England Headquarters, The Engine House, Fire Fly Avenue, Swindon

Historic England was formed in April 2015 and is the public body that looks after England's historic environment inheriting English Heritage's position as the government's statutory adviser on all aspects of the historic environment and its heritage assets. It also cares for the national collection of photographs, drawings and other records which includes administering the register of England's listed buildings and scheduled monuments.

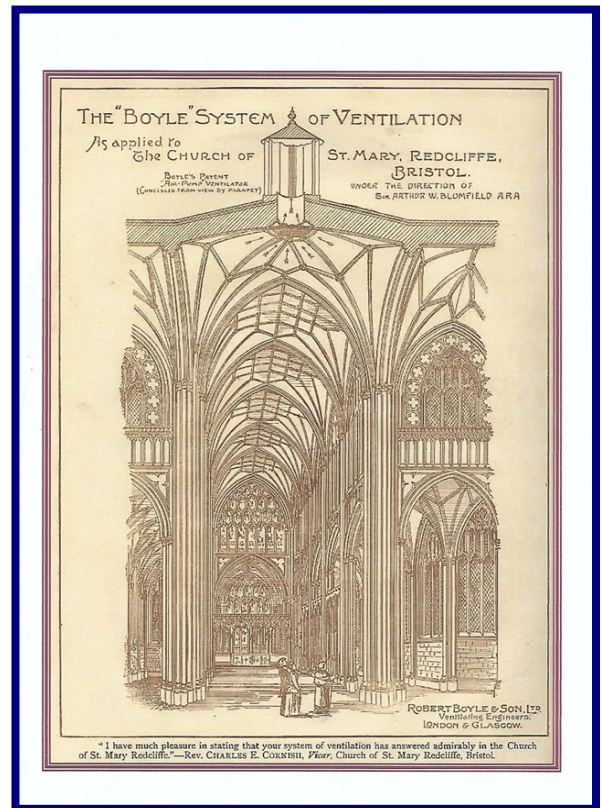
For over twenty years, the Heritage Group has had building services engineers on its Committee, firstly from English Heritage and now we are fortunate to have the same experts representing Historic England: David Drewe- Head of Engineering; Caroline Cattini - Principal Engineer & Team Leader; Senior Engineers, Andrew More and Geraldine O'Farrell from the National Specialist Services Department. Andrew is the current Chair of the Heritage Group while Geraldine is Honorary Secretary having previously served as Vice-Chair.

We are grateful for the support and sponsorship received from them including sharing their expertise, arranging visits to heritage buildings to view their engineering services and for sponsorship of our Newsletters since 2006 and our annual Calendars from 2012.

This Newsletter shows just a few of Historic England's listed properties in the West Country out of the 370,000 listed throughout England, featuring either their historic engineering services or unusual attractions.

THE CITY OF BRISTOL

Church of St Mary, Redcliffe, Redcliffe Way, Grade I, late C12



Drawing from Robert Boyle catalogue 1899

Famously described by Queen Elizabeth I as "the fairest, goodliest, and most famous parish church in England" it is the tallest building in Bristol. The spire damaged by lightning in 1446 was rebuilt in 1872 and stands at a height of 89 m.

The Exchange, Corn Street, Grade I, 1743

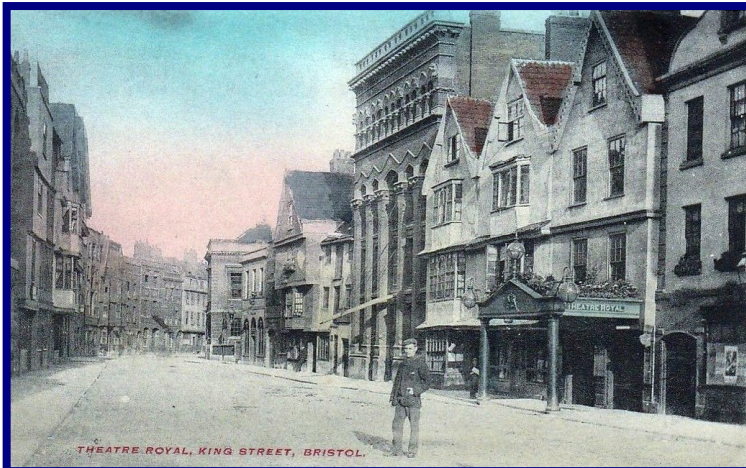


Bronze table or "nail" outside Exchange

The Exchange was built in 1741–43 by John Wood the Elder and is the only surviving 18th-century exchange building in England. Outside the building are four bronze tables dating from the 16th and 17th centuries, known as "nails," at which merchants carried out their business, possibly the origin of the saying "paid on the nail." At the front of the building is a clock showing both Greenwich Mean Time and "local time."

THE CITY OF BRISTOL

The Theatre Royal, King Street, Grade I, from 1764-66



The Theatre Royal, the oldest continually-operating theatre in the English-speaking world, was built between 1764 and 1766 and has been called "the most beautiful theatre in England." Today it is the home of the Bristol Old Vic.

City Hall, College Green, Grade II, 1935-52*

City Hall (formerly the Council House) has been the seat of local government in Bristol since 1956. It was designed and partially built in the 1930's and completed after World War II. The architect was Vincent Harris.



*Mechanical Services: Arthur Scull & Son
Consultant J Roger Preston & Partners*

*Sulzer 6.6 kV off-peak electrode boilers serving
the LPHW thermal storage heating system*



The Council Chamber air handling unit



Boiler Room control panel

BATH SPA

The Roman Baths, Stall Street, Grade I, reconstructed C12



The Great Bath fed by a hot spring, reconstructed above the pillar bases



The Roman Heating System or Caldarium. The floor has been removed to reveal the empty space which the hot air flowed through to heat the floor

EXMOUTH, DEVON

A La Ronde, Summer Lane, Grade 1, 1758



A La Ronde is an 18th-century 16-sided house located near Lypstone, Exmouth, in the ownership of the National Trust. The house was built for two spinster cousins, Jane and Mary Parminter.



LPHW cast iron pipe coil heater



Original gas lighting

Very little of the original Victorian heating system remains in the building. The system installed was a low-pressure wet heating system with cast iron distribution pipework serving 5 box-ended pipe coil heaters. Sadly, the only one of the pipecoil heaters to survive in the house can be seen in the Library. The other 4 heaters were removed and disposed of as recently as the 1970's. The heating system is considered to have been installed during the 1860's or 1870's.

The original gas distribution pipework system with wall lights, complete with glass globes and mantles is still operational. Other replica gas lighting fittings have been added to the system to match with the original styles.

SALCOMBE HILL, near SIDMOUTH, DEVON

The Norman Lockyer Observatory, Grade II, mainly 1912



The observatory was founded by Joseph Norman Lockyer in 1912 when he retired to Sidmouth following the closure of the South Kensington Observatory where he was Director. The Observatory's historic instruments are associated with Lockyer's pioneering work on star temperature which led to theories of stellar evolution and the foundation of astrophysics.



The Lockyer telescope

The observatory provides modern telescopes with computer enhanced imaging, maintains some of the nation's most historic astronomical instruments and enjoys a relatively dark night sky with a southerly aspect across the sea. The Lockyer telescope was built in 1871 for Norman Lockyer, to contain the 6¼ inch lens from his previous one which was home-made. Lockyer used the telescope to make his discoveries about the composition of the Sun in 1868.

THREE LISTED PROPERTIES IN DEVON



***The Octagon, 29 Fore Street, Budleigh Salterton, Grade II, mid C19
Possibly once a toll house***



Millais' painting "The Boyhood of Raleigh"



***Church of All Saints, Sidmouth, Grade I,
c.1520-55***



***Royal Glen Hotel, Sidmouth, Grade I, a farm house in 1700.
Possibly an hotel from the 1870's***

WE REMEMBER GEOFF BRUNDRETT *RIP*



It was with deep sadness and regret that members were told of the death of Geoff Brundrett a long serving and active member of the Heritage Group. After a long struggle with a serious lung condition Geoff passed away on 5th June 2020.

Geoff had been a member of the Group for over 30 years and was active in all the interests of the Group and a keen attendee of the visits to various Historic properties arranged by the Group to view their historical and heritage engineering services. His knowledgeable input and help for the Group will be sadly missed.

Geoff was president of CIBSE during 1997 its centenary year and was involved with and wrote the Introduction of the book *The Quest for Comfort*

Geoff received two Bronze medals from the Institution for papers he'd written firstly about Lighting Research & Technology and then about Legionella. Geoff went on to receive the award for both the Silver and finally the Gold Medal for services to the CIBSE Institution.

We offer our sincere condolences and heartfelt sympathy to his Family.

WE REMEMBER THE LATE GARY BENNETT



It is with profound regret and shock we were told of the accidental death of Gary Bennett on 11th December 2019. With great sadness we learned that Gary aged 59, died peacefully in hospital following a fatal crash when his car was involved in a collision with a fire engine responding to an emergency call. Gary was a Managing Partner of Bennett Robertson Design of Belfast. He was former Chair of CIBSE Northern Ireland, served on the CIBSE Professional Conduct Committee and was a member of our Heritage Group. In early 2019, Gary was involved with the installation of The Great Light attraction in Belfast's Titanic Quarter.

Although a relatively new member of the Heritage Group, last October he organised a very successful visit to the Titanic Hotel in Belfast where he gave a talk on the history of the Great Light and arranged visits to the Great Light, the Titanic Museum and HMS Caroline.

Our sincere condolences and heartfelt sympathy to his Family.

This Newsletter is sponsored by



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