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(1825-1932)

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GENERAL INTRODUCTION

PROVENANCE

The material, owned by John Hollingworth whose father was resident engineer to Henry Brunel (1842-1903), was deposited with the University of Bath Library in the early 1970s. Over the years items in the Collection had become disassociated. This catalogue is the result of an attempt to re-establish the Collection as a whole and make its contents publicly visible.

DESCRIPTION OF THE COLLECTION

The Collection is small but diverse. Its theme is broadly engineering but its subject matter is rather miscellaneous, and Hollingworth family ownership, through authorship, purchase and inheritance, appears to be the only strong link between some of the otherwise unconnected documents and publications.

Material in the Collection ranges from an early proposal for the UK's first large-scale, landscaped cemetery and specifications for the development of the Kidderpore Docks in Calcutta, India to architectural drawings of churches in Derbyshire and copies of correspondence between Isambard Kingdom Brunel and John Scott Russell relating to the SS Great Eastern. Despite the lack of overall coherence, the Collection contains several items of national and international significance.

The Collection has been divided into sections to facilitate ease of access although several sections only comprise a single document.

A. Nardone, University of Bath, 2018.

SECTION A **CEMETERY PROPOSAL** **A.1**

A.1 10pp bound manuscript draft entitled 'Necropolis', 1825.

The unsigned draft contains outline proposals and estimated costings for variants on a landscaped cemetery scheme. Explanatory text, which cites current interment practices, chronic problems of overcrowding in London and the Pere Lachaise cemetery in Paris, France, suggests this may be a draft prospectus for circulation to potential investors.

A prospectus of the General Cemetery Company written by George Carden and published in 1830 refers to an earlier scheme of 1825. It seems possible, therefore, that the draft may relate to this first, unsuccessful attempt to develop a largescale landscaped cemetery in London.

SECTION B **BATH TRADES COUNCIL** **B.1**

B.1 29pp manuscript minutes with thread binding *re* Bath Trades Council, 2 February 1891-16 December 1892.

The Bath Trades Council was formed of representatives of other trade societies in Bath and acted as a forum for discussion on current trade related issues in the city.

SECTION C **CANADA COMPANY** **C.1**

C.1 Poster, 44.7 cm x 56 cm, *re* lands in the province of Upper Canada to be disposed of by the Canada Company, 1833-1834.

Below a map of the townships, details about the plots of land on sale and where further information can be found from agents around the British Isles are presented. Details *re* climate, soil and production are given on the reverse.

SECTION D

ARCHITECTURAL DRAWINGS

D.1-D.37

This section contains architectural drawings by Sir Arthur William Blomfield (1829-1899) and by Claude Pemberton Leach (1858-1951) or their associates of churches and ecclesiastical buildings in Derbyshire, the Isle of Wight, London, and Surrey made during the 1880s and 1890s. Their connection to the Hollingworth family is not known.

D.1-D.15	DERBYSHIRE
D.16-D.27	ISLE OF WIGHT
D.28-D.32	LONDON
D.33-D.35	SURREY
D.36, D.37	UNIDENTIFIED

D.1-D.15

DERBYSHIRE

1885

- D.1 *Repton Church West Elevation (St Wystan), June 1885.*
- Ink and wash on paper, 38.2 cm x 55.5 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.2 *Church of St Wystan Repton South Elevation, June 1885.*
- Ink and wash on paper, 38 cm x 56 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.3 *Repton Church South Elevation, June 1885.*
- Ink and wash on paper, 39.1 cm x 56.6 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.4 *Repton Church North Elevation, June 1885.*
- Ink and wash on paper, 38.7 cm x 56.5 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.

- D.5 *St Wystan Repton ½ Inch detail of North Door as at present, June 1885.*
Elevation and plan, ink on paper, 38 cm x 55.9 cm.
- D.6 *Church of St Wystan Repton East Elevation, June 1885.*
Ink and wash on paper, 38 cm x 56 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.7 *Repton Church Longitudinal Section, June 1885.*
Ink and wash on paper, 38.2 cm x 55.6 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.8 *Church of St Wystan Repton, June 1885.*
Sectional drawings, ink and wash on paper, 37.8 cm x 56 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.9 *Repton Church as at present, June 1885.*
Sectional drawings, ink and wash on paper, 38.5 cm x 55.6 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.10 *Church of St Wystan Repton Accommodation, June 1885.*
Seating plan, ink and wash on paper, 37.8 cm x 55.9 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'. Reverse annotated with address for a Mrs Blomfield and calculations *re* seating.
- D.11 *Repton Church Plan as at present, June 1885.*
Ink and wash on paper, 38 cm x 55.6 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.
- D.12 *St Wystan Repton Inch Detail of Seats, June 1885.*
Ink and wash on paper, 37.7 cm x 56.2 cm. Signed in bottom right-hand corner 'Arthur W. Blomfield June 1885'.

- D.20 *New Vestry All Saints Church Ryde, 1 April 1891.*
- Sectional drawings with window and door details, ink and wash on tracing paper, 38 cm x 54.6 cm. Inscribed '[?] Poole, J.M. Pletts, William Watts, Isaac Barton' and 'C.P. Leach'.
- D.21 *New Vestry All Saint's Church Ryde, 1 April 1891.*
- Combined west external and internal elevation. Ink and wash on tracing paper, 37.8 cm x 57.5 cm. Inscribed '[?] Poole, J.M. Pletts, William Watts, Isaac Barton' and 'C.P. Leach'.
- D.22 *New Vestry All Saint's Church Ryde, 2 January 1891.*
- Ground plan, ink and wash on tracing paper, 38.2 cm x 56.3 cm. Inscribed '[?] Poole, J.M. Pletts, William Watts, Isaac Barton' and 'C.Pemberton Leach Architect'.
- D.23 *All Saint's Church, Queen's Road, Ryde, ca 1891-1894.*
- Plan of new vestry, ink and wash on paper, 38.8 cm x 55.8 cm.
- D.24 *All Saint's Church, Queen's Road, Ryde, 1 April 1891.*
- Combined west external and internal elevation of new vestry. Ink and wash on paper, 39 cm x 55.7 cm.
- D.25 *All Saint's Church Ryde IW Inch detail of Screen to Chancel Aisle, September 1884.*
- Ink on paper, 28.1 cm x 38.1. Signed 'C. Pemberton Leach'.
- D.26 *All Saint's Church Ryde IW Inch detail of Screen to Chancel Aisle, September 1894.*
- Ink on paper, 32 cm x 38 cm. Signed 'C. Pemberton Leach'.

- D.34 *Shamley Green Church: Plan shewing addition, April 1897.*

Ground plan, wash and ink on paper, 39 cm x 56.7 cm. Signed 'Edward Mitchell, C. Pemberton Leach'.
- D.35 *Church at Shamley Green. Proposed Additions 1/8th Scale, April 1897.*

Elevations, wash and ink on paper (damaged), 37.2 cm x 57.3 cm. Signed 'Edward Mitchell No. 2'.
- D.36, D.37 UNIDENTIFIED nd**
- D.36 Design for a rood screen, nd.

Pencil and ink on paper, 39.4 cm x 56.5 cm.
- D.37 Design for alter and west window, nd.

Pencil and ink on paper (damaged), 43 cm x 53.4 cm. Signed 'C. Pemberton Leach'.

SECTION E ENGINEERING: NAVY, DOCKS AND SHIPPING 1855-1983

This section contains a diverse range of material relating to various engineering aspects of the navy, docks and shipping. It includes a copy set of letters between Isambard Kingdom Brunel (1806-1859) and John Scott Russell (1808-1882) about the building of the *Great Eastern* steamship and a collection of specifications of works and associated documentation, formerly the property of M. Bennett, Engineer, relating to the development of docks and harbours in Edinburgh, Bristol and London.

- E.1 TYNE COMMISSION
- E.2-E.25 SS GREAT EASTERN
- E.26-E.28 NAVAL ARCHITECTURE
- E.29-E.48 DOCKS

E.1 TYNE COMMISSION 1855

E.1 Seven draft versions bound with thread in card covers of *Report of the Commissioners Appointed to Inquire into the Present State of the River Tyne*, May 1855.

The report was commissioned in 1854 to examine the state of the River Tyne and to assess the impact of encroachments such as jetties, embankments and other works on tidal flow and navigation. Those appointed to carry out the inquiry were William Bowles, Sir John Bell, Robert FitzRoy (1805-1865), Robert Baynes Armstrong (1785-1869) and Isambard Kingdom Brunel (1806-1859).

A depositor note credits the item as the property of Isambard Kingdom Brunel; each version is initialled 'IKB' and annotated in pen and pencil.

E.2-E.25 SS GREAT EASTERN 1852-1863, 1880, 1983

E.2-E.20 Typescript copies of correspondence, principally between J. Scott Russell and I. K. Brunel, *re* the conception, design and construction of the *Great Eastern* steamship.

It is thought that the original letters, once in the custody of I. K. Brunel's grand-daughter, Lady Noble, no longer survive (see *John Scott Russell*, G. S. Emmerson, 1977, p.303).

E.2 1852.

E.3 1853.

E.4, E.5 1854.

Two folders.

E.6-E.9 1855.

Four folders.

E.10-E.14 1856.

Five folders.

E.15 1857.

E.16 1858.

E.17 1859.

E.18 1861.

E.19 1863.

E.20 1880.

E.21-E.24 78 black and white photographic prints, copies of originals held by the Smithsonian Institution, Washington, USA, showing the construction of the *Great Eastern* steamship, 1855-1857.

Four folders.

E.25 Reprint entitled 'The Great Eastern Controversy: A Comment', R. A. Buchanan, *Technology and Culture*, **24** (1), January 1983.

E.26-E.28 NAVAL ARCHITECTURE 1865

E.26-E.28 *The Modern System of Naval Architecture*, J. Scott Russell, London, Day and Son, 1865.

Three large volumes of technical text on ship building illustrated with detailed designs for ships including the SS Great Eastern.

E.26 Volume 1: Contents, tables, calculations and text, 7.5 cm x 52 cm x 68.5 cm.

E.27 Volume 2: Plates, 4 cm x 52 cm x 68.5 cm.

E.28 Volume 3: Plates, 5.5 cm x 54 cm x 68.5 cm.

E.29-E.48	DOCKS	1875-1898
E.29	Conditions and specification: New wharf and dock (Aberdeen Steam Navigation Company), Limehouse, London, UK, March 1875.	
E.30	1p printed proceedings with two attached diagrammatic drawings <i>re</i> a committee appointed by the Government of India to consider engineering proposals for Kidderpore Docks, Calcutta, India, 12 March 1891.	
E.31	6pp manuscript entitled 'Schedules of Prices' setting out costings for works to various docks in Liverpool, Cardiff and India, 1869-1892.	
E.32-E.40	Leith Harbour and Docks, Edinburgh, Scotland, UK, 1892, 1893.	
E.32	Specification, conditions of contract, tender and schedule of prices: new dock, lock and graving dock, 1892.	
E.33	Specification, conditions of contract, tender and schedule of prices: Pumping machinery for graving dock, 1892.	
E.34	Specification, conditions of contract, tender and schedule of prices: Dock gates for graving dock, 1892.	
E.35	Advance of money to contractor (quantities), 1893.	
E.36	Approximate bill of quantities for reclamation embankment, wet dock, graving dock and relative works, 1893. Two copies (annotated).	
E.37	1p typescript memorandum for contractors, 31 March 1893.	

- E.38 Specification, conditions of contract, tender and schedule of prices: Works at Newhaven Harbour (annotated), 1893.
- E.39 Approximate bill of quantities: Works at Newhaven Harbour, 1893.
Two copies (annotated) with 3pp manuscript notes and calculations.
- E.40 Plans and sections: New wet dock on east sands, 1892.
- E.41 Plans and sections: Avonmouth dock extension, new entrance lock, railways and other works; Bristol new streets and widening of College Green, railways, Swing Bridge and new roads, Bristol, UK, 1893.
- E.42 Specification, conditions of contract, form of tender and schedule of prices: Strengthening a portion of the Corporation Quay Wall, Stockton on Tees, County Durham, UK, May 1894.
- E.43-E.46 Surrey Commercial Docks, Rotherhithe, London, UK, 1895, 1898.
- E.43 Conditions, specification and tender: Dock extension, January 1895.
- E.44 Form of agreement, specification, schedule of quantities and prices, and form of tender: Dock extension, December 1897.
- E.45 Plans and sections: Proposed new works, 1894.
- E.46 Contract drawings: Dock Extension Works, 1898.
- E.47 Contract drawings: Dock improvement (North Metropolitan Railway and Canal Company), Limehouse, London, UK, March 1897.
- E.48 Contract drawings: Dock extension (Caledonian Railway), Grangemouth, Scotland, UK, June 1898.

SECTION F

ENGINEERING: RAILWAYS

1848, 1931-1932

- F.1 Coloured map entitled 'A Map of the United Kingdom Showing the Railways Completed and in Progress' published by R.H. Laurie, London, 1848.
- F.2 Notebook (unbound) containing thumbnail black and white photographic prints and diagrams recording progress of London and North Eastern Railway (LNER) engineering works on the Southern Area New Southgate Bridge, North Circular Road, London, UK, compiled by J. Hollingworth, January 1931-March 1932.