

**INDUSTRIAL REVOLUTION: A DOCUMENTARY HISTORY**  
**Series Two:**  
**Papers of John Rennie (1761-1821), Thomas Telford (1757-1834)**  
**and related figures from the National Library of Scotland**

**DETAILED LISTING - PART 2**

**REEL 21**

**MSS. 19771-19965 RENNIE PAPERS (continued)**

(see page 11 of this guide for an introduction to the Rennie Papers)

**MSS. 19831-19929 NOTEBOOKS**

Throughout his career, particularly during the 1790s, Rennie filled many notebooks with information about the works he himself was involved with, and about others which he visited out of professional curiosity. The books are mostly narrow octavos, interleaved with blotting paper. Rennie seems to have carried them with him on his frequent travels and to have filled them in pencil, rewriting in ink, often on top of the pencil, at some more convenient moment. Rennie received much of his information orally, and in consequence the spelling of place names is not always accurate, and some places at least cannot be certainly identified. The notebooks also contain addresses, booklists (especially of the early technological books and medieval chronicles in which he was interested), and notes of expenses for his travels which often make it clear where he went and when.

This series of notebooks does not contain those which relate exclusively to subject represented elsewhere amongst the papers. These have been placed with other relevant material. MSS. 19831-19902 are arranged chronologically, and all relate to a number of different works. 19903-25, also in chronological order, relate to specific works. 19926-31 are miscellaneous notes of receipts, calculations etc. All are octavo unless otherwise stated.

**REEL 21 (continued)**

**MS. 19831**

Descriptions with many rough diagrams of mills, bridges etc, visited by Rennie in the course of a journey through the south of Scotland and England as far south as Birmingham, 1784.  
186pp.

**MS. 19832**

Note of a conversation with John Southern of Boulton and Watt, and of miscellaneous millwork, 1789.  
27ff.

**MS. 19833**

Millwork, Dover harbour, North Foreland light, Ramsgate harbour, Walker's mashing machine, 1789.  
28ff.

**MS. 19834**

Wilsontown railway, Kelvin aqueduct, Symington's engine for dragging boats, Banks and Co.'s boring mill, Ketley ironworks, Stourbrige canal, 1789-902.  
28ff.

**MS. 19835**

Littlebury mill, Fen drainage, Bishop's malt distillery at Maidstone, Birmingham canal, Brierley ironworks, and other ironworks in the neighbourhood of Birmingham, 1790.  
18ff.

**MS. 19836**

New valve made by Boulton and Watt, Marlborough town mill, various paper mills in Kent, 1791.  
18ff

**MS. 19837**

Various works at Wilsontown, Whatman's mills, mines and machinery at Leadhills and Wanlockhead, including a description of a Symington engine, 1791.

34ff.

**MS. 19838**

Paper mill at Alton in Hampshire, Leeds and Liverpool canal, Royd and Sons' fulling stocks, mill for Philadelphia, 1791.

17 + blank ff.

**MS. 19839**

Lancaster canal, note of a conversation with Andrew Meikle about a threshing machine constructed by John Rastrick of Morpeth, boats on the Aire and Calder canal, Crowther and Oldfield's mill at Luddenden, Rawdon's mill at Todmorden, Rochdale canal, Leeds and Liverpool canal, Holywell copper mills, 1791.

30ff.

**MS. 19840**

Burgess's mill at Milton, Elgar paper mill at Chatford, Bury canal, Blakey's steam-engine, Godwyn's coal machine, 1791.

18ff.

**MS. 19841**

Stowmarket canal, Ipswich harbour, Rochdale canal, Shadwell new steam-engine, Lancaster canal, southernmost mill at Dartford, 1791-2.

30ff.

**MS. 19842**

Crinan canal, Thurso bridge, harbours at Scrabster, Kiess, Staxigoe, and Wick, mills on the Hempriggs Burn, spring at Taymouth, Glennie's mill, 1792.

30ff.

**MS. 19843**

Agreement with Goodey, brick maker in Ipswich, Aylesford bridge, Calne corn mill, Caton silk combing mill, flax mill possibility at Tatham, Blackhill inclined plane for coal wagons, description of a journey from Oban to Fort William, 1792.

30ff.

**MS. 19844**

Sunderland's ore mine at Ulverston, Rochdale canal, and a note on the evidence submitted by mill owners on the River Irk with regard to the Rochdale canal, 1792.

30ff.

**REEL 21 (continued)**

**MS. 19845**

Kings Lynn harbour, Old Bedford river, Denver sluice, 1732.

29 ff.

**MS. 19846**

Notes on various mine pumps in the Manchester area and south Lancashire with a view to using mine water as a canal reservoir, Rochdale canal, River Arun navigation, Iver cotton mill, 1793.

22 + blank ff.

**MS. 19847**

Kennet and Avon canal (calculations and notes connected with water supply), notes concerning the sugar trade in London, 1793.

30 ff.

**REEL 22**

**MS. 19848**

Lock on the Bath navigation, dimensions of Rennie's house in Stamford St Southwark, Lancaster canal, Rochdale canal, Sabatier's cotton press, dimensions of vessels at

Greenock, soundings in Ardrishaig Bay, Wiltshire and Berkshire canal, Huddersfield canal, Crinan canal, Kennet and Avon canal, Croftonmill, 1793.  
30 ff.

**MS. 19849**

River Ouse at York, Foss navigation, Castle Mills at York, 1793.  
22 ff.

**MS. 19850**

Summerhouse on Duiquoich Hill at Inverary, Robert Adam's bridge over the Esk at Dalkeith, Smeaton mill, Crinan canal, drawings of the Kelvin aqueduct, conversation with Scott, a shipbuilder in Greenock, concerning the depth of the Crinan canal, dredgers on the Clyde, Lancaster canal, 1794.  
34 ff.

**MS. 19851**

Drawing of Staines bridge, Lancaster canal, Chelmsford navigation, Grand Junction canal, Muirkirk ironworks, Lympsey Stoke bridge, various mills on our near the Thames between Staines and Isleworth, Smith's silk mill at Mackney Wick, 1794.  
48 ff.

**MS. 19852**

Kennet and Avon canal, canal boats, Taunton and Bridgwater canal, Taunton and Topsham canal and several of the mills on the line of the canal, 1795.  
34 ff.

**MS. 19853**

Fielding's mill on the Calder, Ribright's mill at Bromley, note of a contact with Pinkerton and Murray for part of the Lancaster canal, description of an exceptional thunderstorm near Lockerbie, Crinan canal, Kelvin aqueduct, Kennet and Avon canal, mills at Merton and Isleworth, Tamar canal, notes on Morwellham harbour and barges, 1795.  
48 ff.

**MS. 19854**

Water supply to the house of Samuel Brandram of Lee, Kennet and Avon canal, Bath navigation, Beddington snuff mill, Dartford gun powder mill, 1795-6.  
34 ff.

**MS. 19855**

Leek canal, Calder canal, Cheddleton flint mill, Hanley and Shelton canal, Uttoxeter canal, Wolseley bridge, mechanism for the Royal Mint press, 1797.  
48 ff.

**MS. 19856**

Paper mills (possibly in Kent), Macdougall's threshing mill, Bishop's mills at Maidstone, Newcastle canal, Tamar canal, Thrale's mill, note of contracts connected with the Kennet and Avon canal, Meux's brewery, 1797.  
33 ff.

**MS. 19857**

Wolseley bridge, Leek canal, Wilkinson, Baker, and Fisher's mill, bridge on the Dumbarton to Luss road, poem written at Tyndrum, scribbling mill at Kirkstall, Forth and Clyde canal, Leith harbour, Arbroath harbour, Cawood mill, Bramhope mill, Etherington's arsenic mill at Gainsborough, drawing of Gainsborough bridge, inscription on Lune aqueduct, 1797.  
34 ff.

**REEL 22 (continued)**

**MS. 19858**

Miscellaneous mill work, Thrale and Co's mill, experiments at Wandsworth mill, Benjamin Blodgett's wooden bridge, tunnel on the Salisbury and Southampton canal, Kennet and Avon canal, Lockwood's sawmill, 1797-8.  
48 ff.

**MS. 19859**

Royal Mint, Sir Samuel Bentham's warship, Salisbury and Southampton canal, Kennet and

Avon canal (waterflow of Semington Brook), Simmonds' brewery at Reading, Goodwyn's brewery, 1798.

47 + blank ff.

**MS. 19860**

Bath springs, Ketley inclined plane, Wolseley bridge, Leek canal, Gott's mill at Leeds, Pease and Brooks' ail mills at Hull, dovetailed stonework at Fountains Abbey, Kirkudbright harbour, Duke of Buccleuch's steam-engine at Danderhall, Leith harbour, Hanley steam-engine, Buildwas bridge, 1798.

48 ff.

**MS. 19861**

Leigh harbour, Glasgow bridge, Crinan canal, Polton paper mill, Bonnington mills, Kelso bridge, 1798.

48 ff.

**MS. 19862**

Darenth calico ground, Stamswood mill near Andover, Staverton mill near Bradford on Avon, 1798.

18 ff.

**REEL 23**

**MS. 19863**

Salisbury and Southampton canal, Huddart's rope machine, Kelso bridge, Simmonds' pump at Reading, Billinge's mill at Twyford, millwrights' wages, Goodives colliery near Coleford in Somerset, Chelmer and Blackwater canal, Wraysbury coppermill, Colnbrook paper and leather mill, Avoncliff aqueduct, 1799.

47 ff.

**MS. 19864**

Canterbury mill, Dover harbour, Logan Rock, Ramsgate harbour, Kennet and Avon canal, Huddart's rope machine, various Hornblower engines in Cornish tin mines, 1799.

34 ff.

**MS. 19865**

Gardner and Aire's steam-engine at Spalding, Billinge's mill at Twyford, Fen drainage, Friskney wind machine, dredger at Hull, Horncastle navigation, note of conversation with Andrew Meikle at Phantassie, Leith harbour, Saltcoats harbour, 1799.

34 ff.

**MS. 19866**

Whiteadder bridge, Kennet and Avon canal, Lingard and Sadler's oil mill, Simmonds' mill at Reading, Pulteney bridge at Bath, Huddart's rope machine, Fish and Yates' snuff mill, Phillpots' iron mill at Chatham, Leith harbour, Sandford and Bishop's brick machine, Newbury canal, Leek canal, 1799-1800.

22 ff.

**MS. 19867**

Windmill at Bardney built on Eckhardt's principles, Fen drainage, Datchett bridge, 1800.

22 ff.

**MS. 19868**

Southcott wire mill at Reading, Leek canal, Wolsley bridge, Birmingham canal, Grand Trunk canal, Kennet and Avon canal, Wraysbury copper mill, wells on Croydon common, Uxbridge copper mill, Sayce's maltmills at Bath, Fen drainage, Huddart's rope factory, Union mill at Birmingham, 1800.

48 ff.

**MS. 19869**

Hurley mill, Thames and Medway navigation, Grand Junction canal, Staverton mill, Cowley and Hathaway's mill at Redbrook near Monmouth, Plater's pasteboard engine, London docks, Mortar engine at Lime house, Fen drainage, Leith harbour, 1800.

22 ff.

**MS. 19870**

Surveys of Boston and Lynn bays, Boston bridge, River Ouse, Wisbech canal, River Ancholme and associated drainage schemes, harbours of Dundee, Arbroath, and Pellycur, embankments on the South Esk, harbours of Montrose, Fraserburgh, Peterhead, and Aberdeen, 1800.

46 ff Oblong octavo.

**MS. 19871**

Grand Trunk canal, Peak Forest canal, inclined plane at Chapel-en-le-Frith, lime burning at Preston and Chester, coast of stone at Lancaster, navigation of the river Douglas at Tarleton, Standish colliery horse gin, Harecastle new furnace, limekilns at Clough, Leek canal, Wolseley bridge, Caldon canal, Uttoxeter canal, 1801.

22 ff.

**MS. 19872**

Croydon canal, Grand Surrey canal, weir at Blairdrummond, Menai straits, Conway river crossing, Perth harbour, 1801.

23 ff.

**MS. 19873**

Harbours of Greenock, Portpatrick and Chichester, Invermore mill, Larne mill, Menai straits, Swilly bridge, Llanrust bridge, 1801.

40 ff.

**MS. 19874**

Deptford waterworks, lock at Wapping, engine for Koops and Co's paper mill, Chrik aqueduct, Dublin harbour, 1801.

22 ff.

**MS. 19875**

Skating match on London docks when frozen, limestone burnt at Limehouse, Tate's distillery at Thames Bank, Fen drainage, Elstone and Nicholson's mill at Wisbech, Rutt and Jameson's engine in London, Pont Cyssyltau aqueduct, Menai straits, 1802.

22 ff.

**MS. 19876**

Witham navigation, Fen drainage, Division point at Drayton, Bramah's sugar press, Hermitage dock at London, Staines bridge, Koops and Co's Neckinger mill, experiments on the breaking strains of iron rails, warehouse for West India dock, 1802.

22 ff.

**MS. 19877**

Gravesend tunnel, Stacey and Wise's steam-engine at Maidstone, Medway and Rother canal, Teise navigation, London dock, Croydon canal, Huddart's rope works, Glenkens canal, 1802.

22ff.

**MS. 19878**

Goodwyn and Co's steam-engine, Gravesend tunnel, New river, London docks, London and Portsmouth canal, reservoirs for Grand Junction canal, 1802.

22 ff.

**MS. 19879**

Hull dock, Ancholme navigation, Fen drainage, Witham navigation, Foss navigation, 1802.

22 ff.

**REEL 24**

**MS. 19880**

River Witham at Lincoln, Foss navigation, Saxilby swing bridge, 1802.

9 + blank ff.

**MS. 19881**

Waterworks at Kidbrook for Charles Abbot MP, Dover town mill and harbour, Kent canal, Torksey lock, Lough Owel, Royal canal, 1802.

30 ff. Oblong octavo.

**MS. 19882**

London docks, sugar milling, Wolseley bridge, Stretton bridge, Radford bridge, Darlaston

bridge, pile-driving engine at Wisbech, Handfordbridge, Conway crossing, Boston bridge, Fen drainage, Musselburgh bridge, Teviot bridge, 1802-3.  
32ff.

**MS. 19883**

London docks, Kennet and Avon canal, Portsmouth harbour, Chichester harbour, Dublin water supply, 1803.  
20 ff.

**MS. 19884**

Pile-driving machine at Woolwich, London docks, Thames and Medway canal, Royal canal, Bristol harbour, 1803.  
20ff.

**MS. 19885**

Foss navigation, railways near Leeds, Lichfield water supply, mills at Island bridge in Dublin, experiments at Limehouse rope works, London docks, 1803.  
20 ff.

**MS. 19886**

Plymouth harbour, Kennet and Avon canal, 1803.  
20 ff.

**MS. 19887**

Wisbech mill, Boston bridge, Dungeness light, seawall at Dymchurch, Croydon canal, London docks, Wandsworth mills, 1803-4.  
20 ff.

**MS. 19888**

Lea Bridge mills, Romney Marsh drainage and Royal Military canal, steam-engines for the Royal Mint, both in London and Birmingham, London docks, Claverton mill, Merton mill, 1804.  
20 ff.

**MS. 19889**

Chesterfield canal, Beverley drainage, Hull docks, Winteringham sea wall, Ancholme drainage, 1804.  
22 ff.

**MS. 19890**

Angles of windmill sails, London docks, Royal Military canal (for further material on Rennie's activities in this connection, see MS. 2868), River Wey at New Haw, mills at Evesham, Pymore flax mill, 1804.  
21 ff.

**MS. 19891**

Soundings at Woolwich dock, experiments on a Woolf steam-engine at Meux's brewery, Fen drainage, Albury Park paper mill, 1808.  
22 ff.

**MS. 19892**

Cranes for London docks, springs at Woolwich, Fen drainage, Margate harbour, London and Portsmouth canal, 1808.  
22 ff.

**MS. 19893**

Experiments in cutting copper bolts at Sheerness, undermining of the cliff at Reculver, Sheerness harbour (including notes of surveys etc made in 1763 and 1765), Portsmouth harbour, Manchester waterworks, Glasgow waterworks at Anderston, 1808.  
22 ff.

**MS. 19894**

Harbours at North Sunderland, Burnisland, Methil, Leven, and Anstruther, supply of stone in Fife, Sempster's patent canvas, Burns' flaxmill at Dundee, Bell Rock light, Perth mills, 1808.  
22 ff.

**MS. 19895**

Larne canal, North fleet cement mill, Ardglass harbour, wells at Ramsgate, 1808-9.  
22 ff.

**MS. 19896**

Great Ouse bridges and sluices, Bedford river, Fen drainage, River Nene, mines at Beswick, Liverpool harbour, Kelso bridge, 1809.  
38 + blank ff.

**MS. 19897**

Deptford waterworks, bridges over Gunter's Ditch at Reading, tunnel at eh Royal Mint (with notes concerning the position of the well and the rolling mill), Devizes railway, Newport harbour, 1809.  
22 ff.

**MS. 19898**

Ramhurst powder mill, Grand Western canal, Gloucester and Berkeley canal, London bridge, Southwark bridge, Liverpool docks, mills at Colnbrook, 1811.  
22 ff.

**MS. 19899**

Approaches to Waterloo bridge, Fen drainage, Enfield lock, Doncaster waterworks, Tyne estuary at South Shields, dredging machine on River Witham, pile at Chetney Hill in Margate, Endsleigh bridge, Pembroke docks, 1813.  
24 ff.

**REEL 25**

**MS. 19900**

Dublin harbour, Waterloo bridge, conversation with Nash concerning the Highgate Archway and the possible construction of a triumphal arch on Waterloo bridge, Leeds and Liverpool canal, 1815-16  
24 ff.

**MS. 19901**

River Cam from Cambridge to Clayhithe, especially the bridges at Cambridge, 1818.  
29 + blank ff.

**MS. 19902**

Aberdeen harbour, Ythan estuary, Bridge of Don, Arbroath canal, Isleworth mill, Deeping fen drainage, Yarmouth harbour, Severn at Tewkesbury, Knottingley and Goole canal, Selby canal, 1818.  
59 ff.

**MS. 19903**

Diggins' mill at Chichester, 1786  
6 + blank pp.

**MS. 19904**

S.D. Liptrap and Co's distillery, London, 1786.  
13 + blank ff.

**MS. 19905**

Bell, Gosse and Co's distillery, London, 1786. 7 ff.

**MS. 19906**

Silas Deane's snuff and tobacco mill, 1786.

**MS. 19907**

James Haig;s distillery, Canonmills, 1787. 5 ff.

**MS. 19908**

Aitchison and Brown's distillery, St Clements Wells, 1787. 7 ff.

**MS. 19909**

J.T. Rutt's drug grinding mill, 1787. 6 ff.

**MS. 19910**

Henry Goodwyn's brewery, London, 1787. 22 ff.

**MS. 19911**

Hankins' corn mill at Ware, 1788. 31 ff.

**MS. 19912**

Johnston and Gould's mill, Brentford, 1790  
lii + 8 ff.

**MS. 19913**

Elgar's paper mill, Chatford, 1791. 6 ff.

**MS. 19914**

Severn's mill at Whitechapel, 1794. 4 ff.

**MS. 19915**

King's brew house, and dock, at Gosport, 1796. 7 ff.

**MS. 19916**

George Bishop's mill at Maidstone, 1796. 7 ff.

**MS. 19917**

Wilkes' oil and corn mill at Dartford, 1798. 9ff.

**MS. 19918**

R. and W. Were's White lead mill at Garrat, 1799, with notes concerning an oil mill, 1804.  
8 ff.

**MS. 19919**

Flour mill at Invermore near Larne, 1799. 8 ff.

**MS. 19920**

Oat and barley mills at Larne, 1799. 6ff.

**MS. 19921**

Sayce and Kelson's brewery, Bath, 1800.  
9ff.

**MS. 19922**

Chamber Broun and Co's paper mill at Aberdeen, 1802.  
3 + blank ff.

**MS. 19923**

Brandram and Templeman's lead mill, n.d.  
11 ff.

**MS. 19924**

Dunkin and Stibb's mill, n.d.  
10 ff.

**MS. 19925**

Glennie's mill, n.d.  
9 ff.

**MS. 19926**

Receipt book, containing receipts for money paid by Rennie for supplies, and as wages to his employees, 1802-14.  
77 ff. Oblong octavo.

**MS. 19927**

Notebook containing a ready reckoner for the velocity of water, and notes on calculations relating to volume, flow and weight of water, n.d.  
40 pp.

**MS. 19928**

Notebook containing a table of measures for canal cutting by Samuel Hodgkinson, with a



covering letter by Hodgkinson, to Rennie, 1817.  
54 ff.

**MS. 19929**

Surveys (not by Rennie) for Winstanley's silk mill at Marlborough, and Walthamstow oil mill, 1793.  
12 ff. Quarto.

**REEL 26**

**MSS. 19930-35 MISCELLANEOUS PAPERS**

**MS. 19930**

Miscellaneous prospectuses, accounts, memoranda, booklists, and business papers, including those relating to the winding up of Rennie's affairs at his death, 1787-1821.  
142 ff.

**MS. 19931**

Inventory of plenishing (excluding books) of Rennie's house in Stamford Street, 1821. 9 ff.

**MS. 19932**

Family correspondence. All letters are to John Rennie unless otherwise stated.

(i) Letters of George Rennie, engineer, 1808-9, 1814, 1821. (f.1)

(ii) Letters of Sir John Rennie, 1810-12, 1814-15, 1818-21. These include the detailed letters he sent while on his extensive tour in France, Italy, Greece, Turkey, and Egypt. They contain plans and diagrams as well as detailed descriptions of many engineering undertakings, especially bridges and harbours. (f.25).

(iii) Letters of George Rennie of Phantassie, 1792, 1806, 1820-1. (f.111).

(iv) Letters of George Rennie, Governor of the Falkland Islands, 1817. (f.124).

(v) Letters of James Rennie, a cousin of the engineer, 1820. (f.153).

(vi) Letters of General Sir John Aitchison, nephew of John Rennie, 1809-10, 1812-14.

Aitchison fought through the Peninsular War, and these letters give an account of the campaign through the eyes of a perceptive and intelligent subaltern. For further letters on this subject from Aitchison see W.F.K. Thomson (ed.)

*An Ensign in the Peninsular War*, London, 1981. (f.155).

(ix) Letters of other members of the Aitchison family, 1806, 1812, 1814, 1819-21. (f.225).

247 ff.

**REEL 27**

**MS. 19933**

Family correspondence. All letters are to John Rennie unless otherwise stated.

Letters of and concerning Lieut. William Rennie, RN, son of John Rennie, 1809-1820. These letters cover his entry into the Navy, his service in Portugal, the Mediterranean, Canada, and the West Indies where he died in 1818. They are mostly from William Rennie himself, but include letters from others who were involved in his career.

215 ff.

**MS. 19934**

Miscellaneous material relating to the life and career of John Rennie, including a memorandum in his own hand concerning some of his major works, biographical sketches by Sir John and George Rennie, lots of reports compiled by Rennie and at one time in Sir John's Schlichtegrol, genealogical material concerning the Rennies and related families, and papers relating to the Society of Civil Engineers, 1771-92. A further copy of this is MS. 1843.

75 ff. Quarto.

**MS. 19935**

Facsimile, 1893, of the minute book of the Society of Civil Engineers, 1771-92. A further copy of this is MS.1843.

75ff. Quarto.

**REEL 28**

**MSS. 19936-7 LETTER BOOKS**

These press copy letter books cover every activity in which Rennie was engaged from the small matters concerned with his millwright business as have large civil engineering work. The larger subjects have been indexed as have all recipients of letters.

Correspondents in 19936 include: the Duke of Argyll, John Bain, William Burthwaite, Richard Bowsher, Henry Brutton, Richard Coates, William Crosley, William Cartwright, Charles Clowes, Charles Dundas, Henry Eastburn, George Fletcher, Samuel Gregson, Humphrey Graham, Sir George Jackson, William Jessop, John Mackenzie, T C Medwin, the Duke of Norfolk, John Paterson, Francis Page, John Southern, George Rennie, Ralph Shuttleworth, John Seton, Robert Twisdal, John Ward, James Watt, Charles Wedge, Daniel Warner, John Ward and others.

Correspondents in 19937 include: Hugh Atkins, Sir Joseph Banks, Boulton & Watt, M R Boulton, Dudley Clark, Henry Clark, Richard Coates, Benjamin Davies, Patrick Drummond, Charles Dundas, Peter Ewart, John Gray, Benjamin Gott, Thomas Gordon, Samuel Hodgkinson, James Holmes, John Jones, George Joyce, James Murray, James Mills, John Paterson, Joseph Potter, William Robinson, George Rennie, William Scudamore, John Thomas, Mathias Wilkes, James Watt and others.

MS. 19936. 1793-4. 283 ff.

## **REEL 29**

### **MSS. 19936-7 LETTER BOOKS (continued)**

MS. 19937. 1800. 277 ff.

## **REEL 30**

### **MSS. 19938-65 RENNIE FAMILY PAPERS**

#### **MS. 19938**

(i) Correspondence and papers of George Rennie, engineer, 1821-63. (f.1).

(ii) Papers relating to the sale in 1850 of John Rennie's library by his sons, including annotated sale catalogues etc. (f.186).

(iii) Copy, 1893, of George Rennie's marriage certificate, 1828. (f.240).

(iv) Letters to James Watt junior, passed on to George Rennie, on the subject of John Rennie's life and work, 1821. (f.241).

258 ff.

## **REEL 31**

### **MSS. 19939-41**

Journals of George Rennie.

19939. Visit to France and Germany, 1814. 69 ff. Quarto.

19940. 1819. 146 pp. Octavo.

19941. 1821. 146 pp. Octavo.

## **REEL 32**

### **MS. 19942**

Journal of Sir John Rennie, 1838-9.

84 ff. Quarto.

### **REEL 32 (continued)**

#### **MS. 19943**

Business papers of Sir John Rennie. This includes memoranda concerning London Bridge, 1832, incoming correspondence, 1833-41, and other miscellaneous accounts and papers, 1835-8, mostly relating to the Commercial (London and Blackwall) Railway.

192 ff.

#### **MS. 19944**

(i) General correspondence of Sir John Rennie, 1811, 1821-4, 1827, 1829-30. 1833, 1837, 1841-2, 1845, 1861, 1864. (f.1)

(ii) Letters to John Rennie's daughters, 1821. (f.1).

(iii) Letters to James Rennie, 1822-4. (f.221).  
279 ff.

### **REEL 33**

#### **MS. 19945**

Collection of reports and memoranda, mostly printed, with press cuttings, mostly relating to the life and work of Sir John Rennie, 1822-74.  
115 ff.

#### **MS. 19946**

Scrapbook containing letters and other papers addressed to Sir John Rennie and to his son Charles Garth Colleton Rennie, 1818-91. Writers include C. F. von Wiebeking, Sir G.B. Airy, Garibaldi, George Scharf, Cardinal Manning, G.O. Trevelyan, and J.A. Froude.  
76 ff. Quarto.

#### **MSS. 19947-9**

Journals of Matthew Boulton Rennie, Octavo.  
19947

Business education in Rotterdam, and travel in Switzerland and France, 1824,  
73 ff.

19948.

Visit to Italy, Austria, and Germany, 1827-8.

81+ blank ff.

19949

Visit to Spain, 1831. 64 ff.

#### **MS. 19950**

Journal of John Keith Rennie of Frensham Vale, son of George Rennie, engineer, while at Trinity College, Cambridge, 1848.  
138 pp.

### **REEL 34**

#### **MS. 19951**

(i) Letters of and to J.K Rennie, 1857-96. (f1).

(ii) Correspondence of George Banks Rennie concerning the Smeatonian Society, 1901-2, 1908. (f.179).

(iii) Correspondence of William Rennie, barrister, and other family letters, 1893, 1907-28. (f. 310).

(iv) Letters of Lord Allenby to John Rennie Maudsley, 1921, 1936, n.d. (f.405).

409 ff.

#### **MS. 19952**

Notebook concerning a brewery at Cremill Point, Plymouth, 1823, with notes of soundings in the Thames below London Bridge.

86 + blank pp. Octavo.

#### **MS. 19953**

Miscellaneous papers relating to the Rennie family and to the firm of John and George Rennie. These include the birth certificates of John Rennie's children, typescript copies of some early family letters (photocopies of the originals are in MS 19966, ff. 12-52), papers concerning the possible purchase of Phantassie, 1896, 1912, and a history of the firm of J. and G. Rennie from its foundation to its dissolution in 1862.

245 ff.

#### **MS. 19954**

Miscellaneous genealogical papers relating to the family of Rennie of Frensham Vale, 18<sup>th</sup>-19<sup>th</sup> cent. 56 ff.

#### **MSS. 19955-61**

These cover papers of the Rennie family, including the family of Dick of Braid, c1770 and the letter books of John George Mackworth Rennie of Frensham Vale. They have been omitted

from this microfilm edition.

## **REEL 35**

### **MS. 19962**

Miscellaneous plans and drawings too large to be included in the preceding volumes. These relate to work by John Rennie on harbours, mills, railways, bridges, drainage and other schemes:

- (i) Aberdeen, harbour mouth, n.d.
- (ii) Ardglass, sections of harbour, n.d.
- (iii) Plant for Billinge's silk mill, n.d.
- (iv) Bridlington harbour, n.d.
- (v) Shore near Charlestown, by Robert Beaumont, 1807.
- (vi) Proposed railway from Dunleary to Dalkey, 1815. 2 sheets.
- (vii) Ordnance ground at Harwich with situation of two proposed lights, c1808.
- (viii) Holyhead harbour, n.d. 3 sheets.
- (ix) Sugar mill at Jamaica, n.d.
- (x) River Lea from Hertford to Bow Bridge, n.d.
- (xi) East Fen drainage, n.d.
- (xii) Cast iron bridge at Lucknow, 1812.
- (xiii) Sugar mill for Underwood and Co., n.d.
- (xiv) Plumber block for unspecified rolling mill, n.d.
- (xv) Cross section of a harbour (possibly Plymouth) n.d.
- (xvi) Designs for Musselburgh bridge, 1803. 2 sheets.

### **MS. 19963**

Portfolio of miscellaneous drawings, watercolours, and maps, many apparently by J.K Rennie, 19<sup>th</sup> cent,  
107 ff.

### **MS. 19964**

Framed presentation copy of the 'View of the New Bridge over the River Tweed at Kelso, Scotland', by William Daniell, c1802.  
65 x 41 cms.

### **MS. 19965**

Framed copy of a print of 'The opening of the Waterloo Bridge on the 18<sup>th</sup> of June 1817', drawn by William Findlater, etched by A Pugin, 1818.  
46 x 6 cms.

## **REEL 36**

### **MSS. 19966-68 FURTHER RENNIE PAPERS**

#### **MS. 19966**

- (i) Letter of Sir Stephen Cottrell, Secretary of the Board of Trade, concerning machinery for the Royal Mint, 1804. (f. 1).  
*Bought, 1980.*
- (ii) Letter of John Rennie to General Sir Hilgrove Turner, 1804. (f.3).  
*Bought, Sotheby's 21-2 July, 1980, lot 149.*
- (iii) Letter of John Rennie to Richard Sharpe concerning Northfleet naval dockyard, 1810, and to Thomas Mantell, Dover, 1820. (f.5).  
*Bought, 1970.*
- (iv) Letter of John Rennie to John Wilson Croker, 1818 (f.8).  
*Bought, 1973.*
- (v) Letter of Sir John Rennie to the 2<sup>nd</sup> Viscount Melville, 1829, describing St Petersburg.  
*Bought, 1981.*
- (vi) Photocopies of the originals of the typescript letters in MS 19953 relating to Rennie family affairs, 1788-1821. (f. 12).  
*Acquired under export licence arrangements.*  
52 ff. Folio and under.

#### **MS. 19967**

Reports, estimates and plans by John Rennie for a bridge over the river Whiteadder, 1800-1. These consist of two reports and a collection of plans bound together, for four different stone bridges proposed for different points on the river near Paxton, and for a cast iron bridge for which Rennie did not estimate. The volume was apparently prepared for a client, and was at one time in the family of Milne Home of Paxton.

38 ff. Folio and over. *Bought, 1980.*

#### **MS. 19968**

Ledger of Sir John Rennie for expenses incurred in his civil engineering work, 1821-8.

Many entries especially those relating to the Admiralty, Navy Board, Fen Drainage, London Docks, Ramsgate Harbour, Irish crossing harbours, London Bridge, and Cramond Bridge, are for work in completion of his father's undertakings. There are some entries relating to new work, mainly railways.

168 ff. Quarto. *Bought, Sotheby's, 13 Dec, 1977, lot 223.*

#### **REEL 37**

#### **MSS. 19969-78 TELFORD PAPERS**

These papers are part of the surviving business archive, or relate to the work, of Thomas Telford (1757-1834), the engineer. With the exception of two letters (MS.19972, ff.83, 89), the papers were preserved in the family of John Richman, the statistician, who edited and published the *Life of Thomas Telford Civil Engineer, written by himself*, in 1838. The papers consist of business correspondence, draft reports, accounts and other papers relating to Telford's professional activities for the last decade of his life, as well as correspondence and some drafts relating to the *Life* itself. The business papers relate mainly to Scottish undertakings and to harbours, canals and fen drainage, with some personal and professional accounts. The collection is roughly half of the material which survived Rickman's hands; the other half, consisting primarily of English material, especially relating to the Holyhead Road, and the final manuscript of the *Life*, is now with the Ironbridge Gorge Museum Trust. The papers are arranged by undertaking, and all volumes are large folio and under unless otherwise stated.

*Bought, 1976.*

#### **MS. 19969 BRIDGES**

(i) Broomielaw, Glasgow, correspondence and accounts, 1833-4. (f.1).

(ii) Over Bridge, Gloucester, letters, 1832, 1834, and draft reports (f.73).

(iii) Tongland Bridge, Kirkcudbright, letters, 1833. (f.86).

(iv) Printed Act of Parliament relating to the waterworks at London Bridge, 1822, with a letter, 1831, concerning drawings of London Bridges. (f.91).

99 ff.

#### **MS. 19970 CANALS**

(i) Aire and Calder, letter, 1833.(f.1).

(ii) Birmingham and Liverpool Junction, letter and accounts, 1833-4. (f.2).

(iii) Gloucester and Berkeley, report and accounts, 1823-6. These very detailed accounts are those of Hugh McIntosh the contractor, which were queried by the Canal Company. (f.5).

(iv) Macclesfield, share receipts, and printed circulars and reports, 1826-34. (f.41).

(v) Middlewich, draft letter of Telford to Thomas Stanton. The letter also deals with a proposal to establish a room in the Institution of Civil Engineers exclusively for housing canal papers. (f.59).

(vi) Paisley and Ardrossan, correspondence, accounts, and share certificates 1806-17. (f.60).

(vii) Edinburgh and Glasgow union, printed report and minutes, 18289. 1831-1. (f.76).

(viii) Weaver navigation, letters and memorandum, 1828,1830, 1833. (f. 86).

(ix) Memorandum, reports, and correspondence concerning the use of steamboats on canals, 1831-3. These relate to Telford's attempts to show that travel by canal was cheaper and only a little slower than travel by train. (f.92)

122 ff.

#### **MS. 19971 HARBOURS & ROADS**

(i) – (vi) HARBOURS

(i) Aberdeen, letters, and accounts 1830,1833, and a draft of the section of the *Life* relating to the harbour. (f.1).

(ii) Courtown, letters and reports, 1830-3. See also MS.19978. (f.15).

(iii) Dundee, letters, 1830-1, 1833. (f.50).

(iv) London, St Katherine's Dock, correspondence, report, and share certificates, 1825-30. (f.58).

(v) Trinity, letter, 1834. (f.89).

(vi) Wapping, memorandum, 1805, concerning docks and lock gates. (f.91).

(vii) – (viii) ROADS

(vii) Glasgow and Carlisle, reports, specifications and letters, 1821, 1833-4. Much of this is set out as for the relevant section of the appendix to the *Life* (f.93).

(viii) Report Book, 1830-1. This material originally formed part of a folio sized notebook, but because of its condition it could not be preserved in that form and is now part of this volume. It includes specifications for the road from Grantown on Spey to Ballindalloch, with details of bridges at Cromdale, Dalvey and Advie, and general specifications for the Glasgow and Carlisle road, with details of the bridge over the Duneaton water. Much of this material appears in the appendix to the *Life*.

(f.146). 164 ff.

#### **MS. 19972 MISCELLANEOUS UNDERTAKINGS**

(i) Nene outfall, report and letter, 1833. (f.1).

(ii) Eau brink Cut, letters, 1830, 1832-4, with a note by Thomas Casebourne on its effects, 1833.

(f.16).

(iii) Chesterfield Railway, report and accounts, 1826.

(f.26).

(iv) St Helens and Runcorn Railway, letters, 1833

(f.30).

(v) London metropolitan water survey, reports and accounts, 1831-4, with reports by Telford on reservoirs in Green Park, 1828.

(f.33).

(vi) Edinburgh Encyclopaedia, letters and minutes, 1833.

(f.59).

(viii) New Brunswick, letters concerning a proposed canal from the Bay of Fundy to the Gulf of St Lawrence, 1824-5.

(f. 75).

(ix) General incoming correspondence, 1795, 1809, 1815, 1822-34.

(f.83). 144 ff. *f.83 bought, 1976; f. 89, bought 1972.*

#### **REEL 38**

##### **MS. 19973**

Assorted documents (mainly receipts and accounts) giving brief details regarding: Arundell Canal; Kingston Bridge; Mersey Navigation; Broomielaw Bridge, Glasgow; Macclesfield Canal; London and Birmingham Canal; Glasgow and Portpatrick Road; Liverpool and Manchester Railway; Burnham marshes; and other works.

(i) Draughtsmen's and surveyor's bills, 1819-33. These cover all the works on which Telford was engaged in the last fifteen years of his life. (f.1).

(ii) Booksellers' accounts, 1826-34. (f.73).

(iii) Bankers', lawyers', and stablers' accounts, and rent receipts, 1814-34.

(f. 135). 180 ff.

##### **MS. 19974**

Miscellaneous bills and receipts, 1820-2, 1825-34, n.d. Includes expenses; tax statements; and costs of carriages, sofas, tables, clothes and insurance.

250 ff.

##### **MS. 19975**

(i) Miscellaneous papers relating to Telford's life and work, including a list of his major works in his own hand, n.d.

(f.1).

(ii) Papers of John Rickman: notes on a tide survey, 1834-5, and material relating to his preparation of Telford's *Life* for the press.

(f.34). 101 ff.

#### **REEL 39**

**MS. 19976**

Telford's address book, n.d. (Badly damaged).  
25 + blank ff. Octavo.

**MS. 19977**

Letters to John Rickman, 1835, 1837-8, mainly concerning the publication and distribution of Telford's *Life*, but including material on fen drainage, tide measurement, steamboats, and the parallel roads of Glen Roy. Writers include Robert Southey, Robert Stevenson, Tycho Wing and John Gibb.  
175 ff.

**MS. 19978**

Two plans of Courtown Harbour, n.d.  
97 x 63 cms.

**REEL 40****MS. 19988 ENGINEERING.**

Miscellaneous correspondence relating to engineering, 1769-1874, much of it addressed to Robert Stevenson or his family, and apparently at one time part of the Stevenson family papers.

Bought, Sotheby's 4 March 1980. (i) lot 350; (ii) lot 356; (iii) lots 352-5; (iv) lots 311, 326, 481.

(i) Letter of John Smeaton to William Hall of Whitehall concerning Eyemouth harbour, 1769. (f.1).

(ii) Letters, 1787-1874, n.d., and other papers, 1768-1853, n.d., addressed to the Stevenson family on engineering matters. (f.3).

(iii) Two letters of Robert Stevenson, 1808, from the Bell Rock light; a certificate signed by Stevenson with an accompanying medallion giving George Milne, a seaman in the service of the Northern Lighthouse Commissioners, immunity from impressments, 1809; and letters of and to Stevenson concerning the impact of waves on vertical surfaces. (f.190).

(iv) Letters to Robert Stevenson from Sir Walter Scott, c1820, I.K. Brunel, 1834, and Viscount Palmerston, 1835, the last of these relating to proposed improvements to the harbour at Mullaghmore, in Sligo. (f.192). 198 ff. Folio and under.

(f.192). 198 ff. Folio and under.

**REEL 40 (continued)****MS. 19989 MISCELLANEOUS ENGINEERING PAPERS.**

(i) Letters and accounts relating to the Gas Light Company of Edinburgh, 1817-27, 1838. Most of the letters are addressed to John Watson, the manager, or Alexander Kidd, the secretary of the Company. Many of the letters are incomplete. (f.1). *Bought, 1962.*

(ii) Letter of Alexander Tilloch, stereotyper, to Davies Gilbert, 1815, concerning Arthur Woolf's engine, with a draft reply. (f.36). *Bought 1979.*

(iii) Letter of John Loudon McAdam to Andrew Knight concerning the Ludlow to Leintwardine road, 1821. (f.39). *Bought, Sotheby's 21-2 July, 1980, lot. 147.*

(iv) Small collection of accounts, correspondence, and a work sheet, of Thomas Terras, road contractor, Balmulle, 1823-38.

*Presented by M.E. Taylor Esq., 1977.*

(v) Memorial for John Gibb and Sons, engineers, against the Edinburgh and Glasgow Railway, relating to the construction of the Almond Valley viaduct and embankments, 1842. (f.64). *Bought, 1974.*

(vi) Letter of Sir John Robison on various scientific matters including photography, 1840. (f.123). *Bought, 1977.*

(vii) List of claims for compensation against the Deeside Railway by tenants on the Pitfodels estate, 1852. (f.125). *Bought, 1982.*

(viii) An incomplete and anonymous history of lighthouses entitled 'Life among the Lighthouses', c1880. (f.135). *Bought, 1982.*

(ix) Miscellaneous notes relating to tides on the Clyde, and to dredging, 1886, 1888. (f.187). *Bought 1966.*

(x) Six letters relating to the Highland Railway, 1904-5, 1907. (f.194). *Bought, 1969.*

(xi) Papers and correspondence, 1841-3, 1850, relating to Robert Davidson of Aberdeen, pioneer of electric traction, with miscellaneous printed bills and leaflets relating to his work. (f. 200)

*Presented by Alexander Davidson Esq., 1976.*  
242 ff. large folio and under.

Papers omitted from this microfilm edition of the Rennie Papers

**MS. 19955**

Notebook containing an account of the family of Dick of Braid, c1770.  
12 ff. Octavo.

**MS. 19956**

Domestic cash book, 1859.  
8 ff. Octavo.

**MS. 19957**

Wage book at Frensham Vale, 1867-8.  
8 ff. Quarto.

**MSS. 19958-61**

Letterbooks of John George Mackworth Rennie of Frensham Vale. Rennie was a judge in India, and retired in 1906. These press copy letter books cover the years 1924 until 1936. They relate entirely to private affairs. Recipients of letters have not been indexed. Quarto.

19958. 1920-4 488 ff.

19959. 1924-6. 451 ff.

19960. 1928-33. 500 ff.

19961. 1933-6. 350 ff.