

## **ARCH : JOHN**

Collection of 72 mechanical and civil engineering drawings, all but eight of which have been sealed in Melinex due to their fragility. All are line drawings with (or part with) wash, measuring ca.69 x 104cm, except for A1. All bear name 'W B Johnson, Con. (Consulting, or) M (Mechanical) Engineer, Manchester'. Most bear 'Memorandums'.

Drawings relate to contracts for:

- A Milne, Oldham
- B Wm Hughes, Manchester
- C Mess. Edwin Boden & Co., Manchester
- D Mess. Thos. Dugdale Bro. & Co., Blackburn
- E Mess. Samuel F Armitage & Co., Farnworth
- F Mess. Rylands Bros. Lim., Warrington

**Inv. no.** 1995-381

A1 1862 May 21

[Three dimensional view of 5-storey mill, 168' x 105', and  
adjacent 3-storey building]  
37 x 83cm

B 35 H.P. Condensing Horizontal Engine. W.B. Johnson's Patent

1	1861 Oct 30/ [1862] Jun 25	Drawing No.41 Scale 1:1
2	1861 Nov 1/ 1862 Jun 20	Drawing No.42 Scale 6":1'
3	1861 Dec 18/ 1862 Jun 3	Drawing No.69 Scale ½":1'
4	1862 May 7/ 1862 Jun 14	Drawing No.65 Scales 6":1'; 2":1'
5	1862 Jun 4	Drawing No.70 Scale 3":1'
6	1862 Jun 5	Drawing No.71 Scale 2":1'
7	1862 Jun 9	Drawing No.72 Scale 1½":1'
8	1862 Jun 11	Drawing No.73 Scale 4":1'
9	1862 Jun 12	Drawing No.74 Scale 6":1'
10	1862 Jun 14	Drawing No.76 Scales 6":1'; 2":1'
11	1862 Jun 16	Drawing No.77 Scale 12":1'
12	---- " ----	Drawing No.78 Scales 6":1'; 3":1'
13	---- " ----	Drawing No.79 Scale 1:1
14	1862 Jun 19	Drawing No.80 Scale 1:1
15	---- " ----	Drawing No.81 Scale 1:1
16	1862 Jun 21	Drawing No.82 Scale 1:1

17	1862 Jun 26	Drawing No.85 Scale 1:1
18	1862 Jun 27	Drawing No.86 Scale 1:1
19	---- " ----	Drawing No.87 Scale 1:1
20	1862 Jun 30	Drawing No.88 Scale 1:1
21	1862 Sept 13	Drawing No.104 Scale 1:1
22	1862 Sept 16	Drawing No.105 Scale 6":1'
23	1862 Sept 19	Drawing No.106 Scale 2":1'
24	1862 Sept 22	Drawing No.107 Scale 1:1
25	1862 Sept 25	Drawing No.108 Scale 1:1
26	1862 Oct 2	Drawing No.109 Scale 4":1'
27	---- " ---	Drawing No.110 Scale 1":1'

C 20 H.P. Condensing Horizontal Engine. W.B.  
Johnson's Patent

1	1862 Dec 27	Drawing No.115 Scale 1:1
2	1862 Dec 29	Drawing No.117 Scale 3":1'
3	1862 Dec 31	Drawing No.118 Scale 6":1'
4	1863 Jan 2	Drawing No.119 Scales 1":1'; 1:1
5	1863 Jan 3	Drawing No.120 Scales 2":1'; 1:1
6	1863 Jan 6	Drawing No.121 Scale 1:1
7	1863 Jan 10	Drawing No.122 Scale 1:1
8	1863 Jan 12	Drawing No.123 Scale 1:1
9	1863 Jan 14	Drawing No.124 Scale 1:1
10	---- " ----	Drawing No.125 Scale 6":1'
11	1863 Jan 15	Drawing No.126 Scale 6":1'
12	1863 Feb 13	Drawing No.133 Scale ½":1'
13	1863 Feb 18	Drawing No.134 Scales 3":1'; 6":1'
14	---- " ----	Drawing No.135 Scales 2":1'; 6":1'
15	1863 Feb 19	Drawing No.136 Scale 1:1
16	---- " ----	Drawing No.137 Scale 6":1'

17	1863 Feb 20	Drawing No.138 Scale 1:1
18	---- " ----	Drawing No.139 Scale 1:1
19	1863 Mar 10	Drawing No.160 Scale 1:1
20	1863 Mar 12	Drawing No.161 Scale 1:1
21	1863 Mar 14	Drawing No.162 Scale 1:1
22	1863 Mar 16	Drawing No.163 Scale 6":1'
23	1863 Mar 18	Drawing No.164 Scale 1:1
24	1863 Mar 20	Drawing No.165 Scale 6":1'
25	1863 Mar 23	Drawing No.166 Scale 1:1
26	1863 Mar 24	Drawing No.167 Scale 1:1

D1	1872 May 20	Spur-fly Wheel. Auxiliary Engines Scale 4":1'
2	1872 May 22	Spur-fly Wheel Pinion. Auxiliary Engines Scale 4":1'
3	---- " ----	Crank and second motion Shafts. Auxiliary Engines Scale 3":1'
4	1872 May 27	Cylinder Valve Rod Mounting and Guide. Auxiliary Engines Scale 1:1
5	1872 Nov 26	End Elevation of Cylinders and Cyl. valve boxes. Auxiliary Engines Scale 4":1'
6	1872 Nov 27	Transverse Section of Main Frames, also end flange of the same and connections to the Cylinders. Auxiliary Engines Scale 4":1'
7	1872 Nov 28	Pillar Fixings for Carrying end of Cylinders. Auxiliary Engines Scale 4":1'
8	1872 Nov 29	Transverse Sections of Main Frames. Auxiliary Engines Scale 4":1'
9	1872 Nov 30	Cylinder Escape Valves, and Gearing for same. Auxiliary Engines Scale 1:1
10	1872 Dec 2	Levers &c for working Cylinder Valves. Auxiliary Engines Scale 1:1
11	1872 Dec 3	Cam shaft Pedestal Fixings &c. Cylinder Valves. Auxiliary Engines Scale 1:1

E1	1877 Mar 7	3rd. Proposed Ground Plan of intended new Loom Shed and connected Buildings Scale 3/4":10'
2	1877 Mar 17	Upper end of new Loom Shed Columns, shewing the mode of connecting the Tie Beams and Roof Gutters to the same Scale 1:1
3	---- " ----	Columns for the new Loom Shed, and Foundation work for the same Scales 3":1'; 6":1'
4	1877 Mar 19	Sections &c of Roof Gutters for new Loom Shed and connected Warehouse Building Scale 1:1
5	1877 Mar 22	Roof Gutters for the new Loom Shed Scale 1½":1'
6	1877 Mar 24	Roof Gutter connecting Pipes and Down Spouts for the new Loom Shed Scales 1½":10'; 3":1'



F1 1881 Aug 1-  
1881 Nov 16

General Plan of Compound Horizontal Engine. 550 Ind. H.P.  
Scale  $\frac{1}{2}$ " : 1'