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GIBB

Engineering drawings and papers relating to the work of
John Gibb, Alexander Gibb and Easton Gibb and their
companies, c. 1801-1914.

Compiled by Robert Sharp

GIBB

In 1983 a collection of engineering drawings was presented to the Science Museum by Sir Alexander Gibb and partners. It related to engineering projects, around Britain, of several generations of the Gibb family. Approximately 270 of these drawings pertained specifically to the Aberdeen Railway. As they stand up as a collection in their own right, they have been transferred to the Scottish Record Office, a more appropriate repository for them.

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|-----|---|---|
| 1/1 | - | Plan of a Lighthouse, proposed to be erected upon the Bell Rock. [Bears signature of] M Downie

[On verso] Plans of two different positions of one of the Triangles proposed as supporters to a Stage for landing Materials upon, and for facilitating the work in building a Light-house upon, the Bell Rock
Line drawing with wash, 54.5 x 76cm
Scales 1":5' & 1":2' respectively |
| 1/2 | - | [Plans of a Lighthouse....Bell Rock. Watermarked 1801]
Line drawing with wash, 54 x 75.5cm
Scale 1":4' |
| 1/3 | - | Plans shewing two different positions of one of the Triangles proposed as supporters to a Stage for landing materials upon, and for facilitating the work in building a Light-house upon, the Bell Rock.
[Watermarked 1801]
Line drawing with wash, 55 x 75.5cm
Scale 1":2' |
| 1/4 | - | [Plans of a Lighthouse....Bell Rock?]
Line drawing with wash, 54.5 x 64cm
Scale 3½":20' |
| 1/5 | - | [----- as above -----
Watermarked 1796. Bears signature of] M Downie
Line drawing with wash, 54.5 x 75cm
Scale 3½":20' |
| 1/6 | - | [----- as above -----
Watermarked 1796. Bears signature of] M Downie
Line drawing with wash, 55 x 75cm
Scale 3½":20' |
| 2/1 | - | Needles Rock Lighthouse. [Upper main |

		door and arms above same. Watermarked 1858] Pencil sketch, 39.5 x 56.5cm Scale 1":8"
2/2	-	----- as above ----- Line drawing with wash, 44 x 36cm Scale 1":10'
2/3	1858	----- as above ----- Line drawing, 74 x 47cm Scale 1":4'
2/4	-	----- as above ----- Line drawing with wash, 74 x 51cm Scale 1":4'
3	1836	Plan & section of a proposed railway from the city of Edinburgh by the towns of Musselburgh & Haddington to the town of Dunbar to be called the Edinburgh, Haddington & Dunbar Railway. George Stephenson, consulting engineer; Grainger & Miller, acting engineers 6 sheets bound, 59 x 115.5cm Scales various
3/1-3		[Continuous plan and section, and additional larger scale plans]
3/4		Supplementary plan of...railway between the Proposed Station at Edinburgh and where it enters the Parish of Duddingston
3/5		[2 sections etc]
3/6		Additional plan of Dunbar showing the Line of Proposed branch railway to the harbour
4/1	1843	Survey of the South Shore of the River Tay from Newburgh to Flisk Point Shewing the Jetties on the property of the ...Earl of Zetland. By Robert Stevenson & Sons C.E. [Bears signature of] Jno. Gibb Photo-reproduced with wash, 48.5 x 93cm Scale 1_":1000'
4/2	1843 Apr	River Tay. Tracing from Messrs Stevensons' survey made in 1843 extending along the south shore from Newburgh to Flisk Point. [Bears ms. names] Jno. Gibb [and] R.S. & sons Photo-reproduced with wash, 25.5 x

		94.5cm Scale 3":2600'
4/3	-	Tracing of South Shore of the Tay from Newburgh to Flisk from Survey by Messrs Stevenson made in 1833 & 1834 Photo-reproduced with wash, 34.5 x 108cm Scale 3":2600'
4/4*	1843 Apr	Plan & chart of the River Tay with the Jetties along the Shore on the Lands of Balmbreigh belonging to...Earl of Zetland...from a survey by George Buchanan C.E. Edinburgh. [Bears on verso ms. names] James Luke?, Jno. Gibb Printed with wash, 67 x 183cm Scales various
5	-	General plan of the St Katharine Docks. Thomas Telford, civil engineer; Philip Hardwick, architect Engraving, 49.5 x 62.5cm Scale 1":96'
6/1-3	1914	Poole Harbour. Plans and Sections. Tidal Waters. George Neill Abernethy, engineer; Herbert Kendall, surveyor. Copy as deposited at the Board of Trade. [Deposited Plans at 1914 Session] 3 sheets bound, 56 x 76cm Scales various
/1		[O.S. map, 1902 edition, sheet L1 NW & NE, showing proposed training bank into Poole Bay]
/2		[Training bank etc, plan & sections]
/3		[Borough of Poole, ground plan]
6/4-5	1914	----- as above -----. 2 sheets bound, 56 x 76cm Scales various
/4		Poole Harbour New Works Sheet No.1 Parish and borough of Poole [ground plan]
/5		----- as above -----No. 2 Borough of Poole [ground plan]

7/1	-	Hopeman Harbour on the Property of Admiral Duff of Drumuir. [Watermarked 1842] Line drawing with wash, 60.5 x 97cm Scale 1":69'
7/2	1837 Nov	Plan and Sections of Proposed Improvements at the Harbour of Hopeman in the County of Moray Line drawing with wash, 52 x 72.5cm Scales 1":35'; 3½":25'
7/3	-	Plan and Sections of Proposed Improvements at the Fishing Harbour of Hopeman, in the County of Moray. [Watermarked 1837] Line drawing with wash, 52 x 72.5cm Scales 1":35'; 1":7'
8	-	Broomielaw Harbour. Design for the South Quay Breastwall Line drawing with wash, 67.5 x 48cm Scales 1":2'; 1":4'
9/1	ca.1835	Map of the River Clyde between the village of Carmyle, and the town & harbour of Port Glasgow, and Plan of Wet Docks and other works proposed to be constructed in connexion with the said River and the harbour of Port Glasgow etc. [Part missing. Bears names] David Logan, William Kyle Lithograph with wash, 23.5 x 63cm
9/2*	-	Plan and section of the proposed dock at Port Glasgow. [Refers to 'the late Mr Wood's survey in 1800'. Watermarked 1828] Printed with wash, 58 x 83cm Scale 1":90'; 1":10'
10*	ca. 1837	Plan of the town and harbour of Burghead. Drawn by Robert Ray from a Plan by George McWilliam, Land Surveyor, Elgin. [Bears names] James Leslie and Jos. Mitchell, engineers Lithograph, 48 x 61cm Scales 1":150'; 1":10'
11	1850	Plan of St Helier's Harbour, Jersey, with Improvements designed by Messrs Walker & Burges Lithograph with wash, 38 x 55cm Scale 1":200'
12	1863	Dartmouth Harbour Improvement. Proposed New Works. [Plan of

- Dartmouth Harbour, surveyed in 1853,
bearing ms. notes] 'Plan
accompanying Engineer's Report to
Dartmouth Harbour Improvements
Commissioners 17 Oct 1863' [and]
'Board of Trade 24 Nov 1863'
Printed, 66.5 x 50.5cm
Scale 1":625'
- 13 ca.1833 Plan of the Present Harbour in the
Bay of Gourock with proposed
new pier in the property of General
Darroch in the Parish of Innerskip
and County of Renfrew. [Bears
signature of] Jno. Gibb, civil
engineer, Aberdeen
Lithograph, 34 x 42cm
Scales 1":650'; 1":50'
- 14 - Plan of the Harbour of Kinghorn and
of the Sea Coast from it to
Pettycur... from a Survey by Geo.
Buchanan, civil engineer.
[Watermarked 1827]
Engraving, 60 x 48.5cm
Scales 1":500'; 1":40' etc
- 15 1844 Plan and sections of the Harbour at
Lithograph with wash, 76 x 55.5cm
Scales 1":30' (vert)
1":200' (horiz) etc
- 16/1* 1831 Plan and Chart of the Harbour and
Docks of Leith and the adjacent
coast extending from Wardie to the
Figgate Whins. [Bears names] Patrick
Dall R.N.; James Leslie, engineer
[and ms. annotations including note
of 1835 Mar 21 signed J Miller re the
original held by Capn. Dall]
Printed, 65 x 95cm
Scale 1":500'
- 16/2 1826 Apr [Plan of proposed new piers at Leith
Docks. Bears signature of] W Chapman
Lithograph, 27.5 x 37.5cm
Scale 1":450'
- 17* 1854 Chart of the Frith of Forth from
Queensferry to Inchkeith shewing the
relative position of the proposed
harbour at Granton Referred to in a
Report to...Duke of Buccleuch and
Queensberry by Robert and Alan
Stevenson, civil engineers,
Edinburgh. [Bears name] James
Ritson, surveyor [and ms. on verso]
Jno Gibb

18

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/ 6

17

/ 8

/9

Brick Bridge for Turnpike Roads on

/10		Lot No. 2 or Bridge No.1 73 x 51cm Scale 1":4'
/11		Transverse Sections and Culverts. A Four Feet Brick Culvert; A Three Feet Brick Culvert; A Two Feet Brick Culvert 50.5 x 72.5cm Scale 1":4'
19/1	1844 Aug 3	Aberdeen New Gas Works. Plan of two dwelling houses propose to be erected. [Bears signature] Alex. Gibb Line drawing with wash, 66 x 95cm Scale 1":5'
19/2	1844 Jan 23	----- as above ----- Retort House and adjoining sheds for coals. [Bears signature] Alex. Gibb [and note of] Feb 6 'one of the plans referred to in my offer' [signed] John Fraser Line drawing with wash, 51 x 87cm Scale 1":5'
19/3	1844 Jul 12	Aberdeen New Gas Work. Drawing of Travelling Carriage for Lifting Covers of Dry Lime Purifiers. [Bears signature] Alex. Gibb Line drawing with wash, 64 x 95.5cm
19/4	1844 Feb 6	----- as above ----- Drawing of Condenser. [Bears signature] Alex. Gibb [and note of] Feb 21 'Plan referred to in our Offer to the New Gas Company' [signed] John Vernon Line drawing with wash, 64.5 x 95.5cm Scales 1":6"; 1":2'
19/5	-	----- as above ----- Ground Plan of Retort House [including Chimney Stalk. Watermarked 1843] Line drawing with wash, 64.5 x 96cm Scales 1":5'; 3":2'
19/6	-	[----- as above ----- -] Line drawing with wash, 65.5 x 97.5cm Scale 1":5'; " :2'
19/7	-	Aberdeen New Gas Work. Drawing of Retort Bench No.3. [Watermarked 1843] Line drawing with wash, 63.5 x 90cm Scale 1":1'

19/8	-	Gas Work Aberdeen. Details of Retort Bench Line drawing, part with wash, 68 x 98cm Scales 1":1'; 1":6"
19/9	-	Aberdeen New Gas Work. Drawing of Retort Bench and Hydraulic Main. [Watermarked 1843] Line drawing with wash, 64.5 x 90cm Scale 1":4'; 1":1'
19/10	-	Aberdeen New Gas Works. Drawing No.1. Section of Gasholder and Elevation of Standards and Guide Rods etc. [Watermarked 1843] Line drawing, 58 x 85cm Scale " :2'
19/11	-	Aberdeen New Gas Work. Northermost Tank. [Watermarked 1843] Line drawing, part with wash, 82 x 63cm Scale 1":4'
19/12	-	Gas Work Aberdeen. Balance Weight for Gasholder Line drawing, 65.5 x 96.5cm Scale 1:2
19/13	-	Gas Work Aberdeen. Balance Weight for Gasholders Line drawing, 66 x 98cm Scale 1:2
19/14	-	[--- as above ---] Apparatus for Proving Pipes. [Watermarked 1843] Line drawing with wash, 32 x 58.5cm Scale 1":1'
19/15*	-	Aberdeen New Gas Work. Drawing of Dry Lime Purifier. [Watermarked 1843] Line drawing with wash, 64 x 94cm Scale 1":11'
19/16	-	----- as above ----- Ground Plan of Offices. [Watermarked 1842] Line drawing with wash, 55.5 x 61.5cm Scale ½":1'
19/17	-	Enlargement of the Aberdeen New Gas Line drawing with wash, 63 x 95cm Scale 1":11'
19/18	1844	Aberdeen New Gas Work. [Offices,

		sheds, chimney. Bears two ms. notes of Feb 22 'one of the Plans referred to in my Offer to the Aberdeen New Gas Company' one signed by William Ewan?, the other by George Duncan] Line drawing with wash, 57.5 x 59cm Scale 1":5'
19/19	-	----- as above ----- [Offices, sheds, chimney] Line drawing, part with wash, 58 x 91cm Scale 1":5'
19/20	-	----- as above ----- [Buildings from south and north sides. Watermarked 1845] Line drawing, part with wash, 63.5 x 93cm Scale 1":5'
19/21	1844	Plan of the Aberdeen New Gas Work Line drawing with wash, 72 x 125cm Scale 1":11'
20	1909 Jul	Glasgow Main Drainage. Kinning Park Pumping Station. [Bears signature] W O Easton? Photo-reproduced with wash, 47 x 115.5cm Scale 1":20'
21	-	Sketch of the Fishing Village of Brodiestown, Intended to be erected at Sarclet near Wick, in the County of Caithness Engraving, 27.5 x 43
22	-	Sketch Shewing the City and Old Town of Aberdeen, with the position of the Old & New Bridges across the Don and the Roads connected therewith Lithograph, 19.5 x 24cm
23	1828	Plan of the Country between Glasgow & Kingswell Showing the Alterations Proposed on the Road from that City towards Kilmarnock With the Sections of the respective line [In two parts] Engraving with wash, 28 x 129cm Scales 1": $\frac{1}{2}$ m etc.
24*	-	Plan and Section of Two New lines of Road, extending from Aberdeen, to Printed with wash, 46 x 117cm Scale 1":500'

25*	-	Plan of Road by the proposed bridge over the River Dee at Craiglug and from thence toward Aberdeen. [Watermarked 1827] Lithograph with wash, 75 x 55.5cm Scale 3":1100yds
26	1815 May 8	Design for Embanking Haugh land on Deeside belonging to John Menzies...Pilfoddels. [Bears signature] Jno. Gibb Line drawing with wash, 36.5 x 130cm Scale 1":40'; 1":5'
27	1846	Aberdeen Improvements. Plan & Sections shewing the proposed new streets and other improvements Within the City of Aberdeen and suburbs All 68 x 101cm Scales 1":100'; 1":20'
/1		Street from St Nicholas Street to Broad Street
/2		Street from George Street to King Street
/3		Street from Union Street to Trinity Quay
/4		Street from near Union Bridge to Wellington Suspension Bridge Turnpike Road
/5		Street from Castle Street to Links
/6		Street from Bon Accord Square to Guild Street
/7		Street from Inverury Turnpike to High Street, Old Aberdeen
28*	-	Exeter Bridge. Plan and Sections showing Granite Line drawing with wash, 61 x 38cm Scale _":1'; _":1'
29*	1850	Design for a Stone Bridge across the River Ness. By J Mitchell, Civil Engineer Line drawing with wash, 68 x 83cm Scale 1":10'
30/1	-	--- untitled --- [Weighing machine. Bears name] David Kirkaldy, Glasgow Line drawing with wash, 67 x 99.5cm

30/2	-	[Ms. on verso] Testing Machine. [Bears name] David Kirkaldy, Glasgow Line drawing with wash, 73 x 123.5cm
31	1831	Plan and elevation of the Tide Gauge at H M Dockyard Sheerness, and at Portsmouth. [This is plate V in Phil. Trans. 1831, p.174] Engraving, 58 x 29cm Scale " :2'
32/1*	-	Plan of the Building for high pressure engine at Winchburgh Tunnel Line drawing with wash, 53 x 74cm Scale 1" :2'
32/2	-	Sketch of winding and pumping apparatus to be attached to the Engine at the Centre Shaft of Winchboro' Tunnel. [Watermarked 1831] Line drawing with wash, 51.5 x 63cm Scale 1" :16"
32/3	-	[Winchburgh Tunnel. Lock gate? Watermarked 1831] Line drawing with wash, 53.5 x 73cm Scale 1" :2'
33	-	Section of a Ballustrade of the New Bridge at Glasgow. [Watermarked 1831] Line drawing, 53.5 x 73cm Scale 2" :1'
34/1	-	Centre used in building the Bridge of Don. [Watermarked 1831] Line drawing with wash, 53.5 x 73.5cm Scale 2" :11'
34/2	-	[----- as above ----- --? Watermarked 1831] Line drawing with wash, 53.5 x 74cm Scale 2" :11'
35/1	-	Machine used for lowering down the stones at the building of Cartland Craigs Bridge. Plan of the Centre used at the building of Cartland Craigs Bridge. [Watermarked 1831] Line drawing, 53.5 x 74cm
35/2	-	Centre for a 58 feet Arch. [Watermarked 1831] Line drawing, 53.5 x 74cm
36	-	Aberdeen Dock. ...the Boiler with

- its seat, also, the Support for the Pump Shaft & Chimney. ...the Engine House, Boiler Seat, Chimney etc. ...the Pump Lever & Support. [Watermarked 1831]
Line drawing with wash, 53.5 x 74cm
Scale ½":1'
- 37 - Sketch shewing the manner of raising the excavated stuff of Foundations of Wear Bridge by means of Horse-Power. [Watermarked 1831]
Line drawing, 53.5 x 74cm
Scale 2":9'
- 38 - Durham Junction Bridge. [Watermarked 1831]
Line drawings with wash, 53.5 x 74cm
- /1 Plan of Moveable Cranes Used for loading and unloading the stones in the cairn
Scale 1":4'
- /2 Plan of a Crane Used for unloading the stones in keels
Scales 1":2'; 1":6"
- /3 Plan of Crane Used in Building the North Pillar and Abutment
Scales 1":2'; 1":6"
- 39 - Glasgow Bridge. Steam Engine used for Cofferdam. [Watermarked 1831. This is on verso of 38/3]
Line drawing with wash, 53.5 x 74cm
Scale 1":16"
- 40 - Lighting Apparatus of the Buchananess Lighthouse. [Bears ms.]
Description of the Lighting Apparatus used in the Lighthouses [sic] built by the Commissioners for Northern Lighthouses. [Watermarked 1829]
Line drawing, 53.5 x 74cm
Scales 1":2'; 1":1'
- 41 - Lighting Apparatus of the Sumburghead Lighthouse. [Watermarked 1829]
Line drawing, 74 x 53.5cm
Scale 1":10'
- 42 - Design for a Tollhouse. [Watermarked 1829]
Line drawing, 74 x 53.5cm
Scale 1":7'

43	-	Canal Lock on the Aberdeenshire Canal. [Watermarked 1829] Line drawing with wash, 74 x 53.5cm Scales 2":13'; 1":2'
44	-	Design for a Chain Pump. [Watermarked 1829] Line drawing, 53.5 x 74cm Scale 2":13"
45/1-3	-	Hurst High Light. Proposed Light Keeper's Dwelling. Contract drawing[s nos. 1 to 3] Line drawings with wash, 48 x 65cm Scales various
46	-	Lantern for light apparatus of the first order. Contract Drawing No.2. [Bears name] Walker Burges & Cooper Photo-reproduced, 77.5 x 57.5cm Scale 1":1'
47*	-	Elevation of the Roof of the Warehouse at Ellesmere Port. [In two parts and incomplete] Line drawing, 31 x 65cm
48/1	-	High Whitby Lighthouses. No.1 General plan of sites. [Watermarked 1850] Line drawing with wash, 52 x 74.5cm Scale 1":60'
48/2	-	High Whitby. No.2 North Lighthouse. [Watermarked 1850] Line drawing with wash, 52.5 x 75cm
48/3	-	High Whitby. No.3 South Lighthouse. [Watermarked 1850] Line drawing with wash, 52 x 74cm
48/4	-	High Whitby. No.4 Details of Towers & Dwellings. [Watermarked 1850] Line drawing with wash, 52 x 75cm
49/1	1836	Drawing of a Cast-iron Lighthouse proposed for Ayr Harbour Line drawing with wash, 49.5 x 52cm Scale 1":2'
49/2	1836	Drawing of Lighthouse with double light proposed for the Harbour of Ayr Line drawing with wash, 72 x 51cm Scale 1":4'
50	[1852]	Examples of moving bridges, iron,

- suspension and oblique bridges and viaducts, for Railways and other Works. By G Drysdale Dempsey, C.E. Accompanied by Descriptive Text. [Published by] Atchley & Co, Great Russell Street, London
10 sheets bound, 70.5 x 51cm
Scales various
- 51 [1850] Examples of iron roofs of various spans, from 20 to 150 feet, adapted for all descriptions of buildings. [By G Drysdale Dempsey, C.E.] Accompanied by Descriptive Text. [Published by] Atchley & Co, Great Russell Street, London. [Includes plate IV: cast iron roof 45 feet span for Pentonville Prison etc; plates V & VI: wrought and cast iron roofs at the New Palace of Westminster] 10 sheets bound, 71 x 53cm
Scales various
- 52 - Sketch plan & elevation of the bridge over the Dee at Invercauld
Line drawing with wash, 53.5 x 64cm
Scale 1":23'
- 53/1 - Plan Shewing the Site of Bridge Proposed to be Built across the River Clyde at Mauldslie the Property of William Dixon. Sheet No.2
Line drawing, 66.5 x 98cm
Scale 1":100'
- 53/2* - Designs for a Bridge [both a stone bridge and an iron bridge] to be built over the River Clyde at Mauldslie
Line drawing, 73.5 x 130cm
Scale 1":10'
- 54 Aberdeen Water Works Extension
- /1 1864 [Ink and wash continuous longitudinal section of the 21 mile extension. Bears on last sheet ms. note certifying] 'that this is an exact copy of the [Jan 9] Section of the Aberdeen Water Works Extension made by us in February 1864' [signed] William Jazdowski
29 sheets bound, 53.5 x 79cm
Scales 1":20' (vertic)
1":132' (horiz)

/2	-	Drawing of house for hydraulic engine near Saint Devenick's Bridge Line drawing with wash, 54.5 x 75cm Scale 1":4'
12*	/3- 1863 Jul 3	Contract No.1. Drawing ... Line drawings with wash
/3		No.3 Inlet and Gauge tank at River Dee, Cairnton 62 x 97cm Scale 1":5'
/4		No.4 General cross sections of aqueduct, overflow tank etc 61 x 92cm Scales 1":4'; 1":1'
/5		No.5 Invercannie Reservoir. General plan 61 x 96cm Scale 1":50'
/6		No.6 Invercannie Reservoir. General sections & details 61 x 93cm Scales 1":50'; 1":5'
/7		No.9 Wrought iron aqueduct crossing burn of Crathes 61 x 92cm Scales 1":20'; 1":4'
/8		No.12 Wrought iron aqueduct crossing Culter-burn 61 x 94cm Scales 1":4'; 1":8'
/9-12		[Nos.13-15, 17] Low service reservoir, filters etc at Brae of Pitfodels All 61 x 91cm Scales 1":60'; 1":20'; 1":4'
55/1-6	-	Great North of Scotland Railway [Bear ms. general specification, and note re contract of 1851 Mar between Great North of Scotland Railway Co and Mitchell Dean & Co] Line drawings Scale 1":5'
/1		Sheet No.1 Bridge under line for turnpike road 64 x 96cm
/2		Sheet No.2 Bridge under line for public road

		63.5 x 96.5cm
/3		Sheet No.3 Bridge under line for public road. Partly in embanking and cutting 68.5 x 100.5cm
/4		Sheet No.4 Bridge over line for turnpike road 68.5 x 100.5cm
/5		Sheet No.5 Bridge over line for farm road 68.5 x 100.5cm
/6		Sheet No.6 Bridge under line for farm road 69 x 100.5cm
/7		----- as above ----- Sheet No.8 Arching over the Bogie Water near pegs 64 & 67; Sketch for [8] bridges over the Shervack Water; Sketch for [two ornamental] bridges at Wardhouse & Leith-hall. [Bears ms. general specifications, and note as above] Line drawing, 69 x 101cm Scale 1":8'
55/8-9	-	----- as above -----[Bears ms. general specification, and note as above] Line drawings
/8		Sheet No.9 Design for the Deveron Viaduct 69 x 101cm Scale 1":15'
/9		Sheet No.10 Design for the Spey Viaduct 69 x 98.5cm Scale 1":20'
/10	1849 Nov	Plan and Section Shewing the Proposed Deviation and Alteration of the Line and Levels of the Great North of Scotland Railway at Aberdeen. [Bears signature of Sheriff Clerk depute of Aberdeenshire] Line drawing, 50.5 x 68cm Scale 1":400' & 1":6ch (horiz) 1":60' (vertic)
/11	-	G.N.S. Railway. Keith Extension. Drawing of Timber Bridge over the Isla at peg 633. [Bears signature

of] Alex. Gibb, Engineer
Line drawing with wash, 49 x 37.5cm
Scale 3½":10'

56/1-40	1870	Callander and Oban Railway. Crianlarich Contract All are line drawings, (some partly with wash), except for /19, /20 and /25 which are printed copies of ms. drawings
/1		A100 Drawing No.10 of Bridge No.7 over Road near Peg 354 and No.52 near Peg No.597. [Bears ms. annotations] 76.5 x 53.5cm Scale 1":5'
/2		A101 Drawing No.11 of Viaduct No.8 over Stream near Peg 355 53 x 75.5cm Scale 1":10'
/3		A102 Drawing No.12 of Occ Bridge No.9 over Railway near P357 [and of other bridges as specified] 76 x 53cm Scale 1":5'
/4		A103 Drawing No.13 of Viaduct No.13 over Stream near Peg 380 51.5 x 76cm Scale 1":1'
/5		A104 Drawing No.14 of Bridge No.15 over Stream near Peg 389 53.5 x 76.5cm Scales 1":5'; 1":2'
/6		A105 Drawing No.16 of Bridge No.21 over T.P.Road near Peg 419 53.5 x 76cm Scale 1":5'
/7		A106 Drawing No.18 of Viaduct No.24 over Stream near Peg 438 53 x 76cm Scale 1":5'
/8		A107 Drawing No.19 of Bridge No.27 over Road near Peg 455 53.5 x 76.5cm Scales 1":5'; 1":1'
/9		A108 Drawing No.20 of Bridge No.31 under Diversion of T. P. Road near Peg 485 76.5 x 53cm

Scale 1":5'

- /10 A109 Drawing No.21 of Bridge No.32
over Stream near Benmore Peg 491
53 x 76.5cm
Scale 1":5'
- /11 A110 Drawing No.22 of Bridge No.35
over Stream at Inverardran near Peg
517; Bridge No.43 over Stream near
Peg 557
53.5 x 76.5cm
Scales 1":5'; 1":1'
- /12 A111 Drawing No.23 of Bridge No.36
over Stream near Peg 524
77 x 53cm
Scale 1":5'
- /13 A112 Drawing No.24 of Bridge No.39
over stream near Peg 546
53.5 x 76.5cm
Scales 1":5'; 1":1'
- /14 A113 Drawing No.25 of Bridge No.42
over diversion of Turnpike Road near
Peg No.553
76.5 x 52.5cm
Scale 1":5'
- /15 A114 Drawing No.26 of Viaduct No.45
over Stream near P.562
53.5 x 76
Scale 1":5'
- /16 A115 Drawing No.27 of Viaduct No.46
over Stream near P.566
53.5 x 76.5cm
Scale 1":5'
- /17 A116 Drawing No.29 of Viaduct No.51
over River Dochart near Peg 594
53 x 76cm
Scale 1":10'
- /18 A117 Drawing No.30 of Bridge No.55
under Road Diversion near Peg 615
51 x 76cm
Scale 1":5'
- /19 A118 Drawing No.32 of Culverts with
Rubble Arches
51.5 x 75.5cm
Scale 1":5'
- /20 A119 Drawing No.33 of Culverts with
Rubble Arches
51.5 x 75.5cm

		Scale 1":5'
/21		A120 Drawing No.34 Plan & sections of Luib Station ground 54 x 103cm Scales 1":40' (plan & horiz) 1":20' (vertic)
/22		A121 Drawing No.36 Plan & sections of Tyndrum Station 63 x 196cm Scales 1":40' (horiz) 1":20' (vertic) 1":4'
/23		A122 Drawing No.37 of Engine Shedd at Tyndrum Station 53.5 x 76.5cm Scale 1":5'
/24		A123 Drawing No.38 of Water Tank No.2. [Bears abstract specification and details of carpenter work and tank. <u>With</u> printed copy of same 67 x 50cm] 75.5 x 51.5cm Scales 1":1'; 1":5'
/25		A124 Drawing No.39 of Engine turntable pit; of cattle pen 51 x 75.5cm Scales 1":6'; 1":4'
/26		A125 Drawing No.40 of Platelayers Cottages. [Bears ms. abstract specification and details of carpenter work and slater work] 53.5 x 76.5cm Scale 1":6'
/27		A126 Drawing No.41 of Station Gate & Fencing, wharf-wall, gradient board, mile-post & guards for switch rods 47 x 46cm Scale 1":2'
/28		A127 Plan & sections of Crianlarich Station Ground 52.5 x 150cm Scales 1":40' (horiz) 1":20' (vertic)
/29	1872 Feb	A128 Altered Drawing of Bridge No.53 near P.602 63 x 50.5cm Scale 1":5'; 1":1'

- /30 Drawing of Bridge No.1 over Stream
near Peg 313
53.5 x 77.5cm
Scales 1":1'; 1":5'
- /31 Drawing of Bridge No.21 over T.P.
Road near Peg 413
53 x 67.5cm
Scale 1":5'
- /32 Drawing of Bridge No.22 over Stream
Diversion near Peg 425
52.5 x 46cm
Scale 1":5'; 1":1
- /33 Drawing of Bridge No.32 over Stream
near Peg 491
52 x 65cm
Scale 1":5'
- /34 Drawing of Bridge No.39 over Stream
near Peg 546
53.5 x 71.5cm
Scale 1":5'; 1":1'
- /35 Drawing of Bridge No.42 over
diversion of Turnpike Road near Peg
No. 553
68 x 53cm
Scale 1":5'
- /36 - Altered Drawing of Bridge No.53 near
Peg 602
58 x 47cm
Scales 1":5'; 1":1'
- /37 Drawing of Occupation Bridge No.59;
of Occupation Bridge No.60
53.5 x 67cm
Scale 1":5'
- /38 Drawing of Viaduct No.8 over Stream
near Peg 355
53.5 x 75cm
Scale 1":10'
- /39 Drawing of Viaduct No.46 over Stream
near P.566
52.5 x 44.5cm
Scale 1":5'
- /40 Drawing of Viaduct No.51 over River
Dochart near Peg 594
51.5 x 68cm
Scale 1":10'

Sons, Victoria Street, Westminster
 Photo-reproduced line drawings (most
 with crayon) except where specified

/1	1901	Drawing No.55 Tunnel at 20 miles 68.5 x 97cm Scales 1":8'; 1":4'; 1":88'
/2	1901 Apr	No.374 Trial Pits 72.5 x 140cm Scales 1":2ch (horiz) 1":20' (vertic)
/3	1901 Apr	No.373 Raising Level of Wycombe & Loudwater Railway Pencil drawing. 70 x 123cm Scales 1":2ch (horiz) 1":40' (vertic)
/4	1901 Apr	No.372 Drawing No.4 Earthwork diagram [showing cuttings and embankments] 46 x 200cm Scale 4":1m
/5	1901 Apr	No.363 [Sections of cutting, of bank; elevation of gates; plan of drinking pond, etc. [Bears stamp] Easton Gibb, contractor, Kew 72.5 x 95cm Scale ¼":1' etc
/6	1901 Apr	No.362 Type drawing of brick facing for viaducts, bridges etc. [Bears stamp as above] 69.5 x 98cm Scales 1":8'; 1":1'
/7	1901 Apr	No.361 [Elevations etc of intermediates, gates etc. [Bears stamp as above] (No crayon), 66.5 x 109cm Scales ½":1'; "":1'
58	-	A92 Rhymney Railway. Contract No.3. Drawing No.17. C and C Extn. Overline Bridge at 4m 35ch Line drawing, part with wash, 69.5 x 108cm Scale 1":4'
59	-	Sketch of a Machine for Conveying wagons from a Railway and carrying them to where required. [Also bears sketch of 'a Crane for lifting coal Wagons when full loaded off the Railway and placing them into the Machine for conveying them where

		required' (and side view of same), and references to both sketches. Watermarked 1829. Shelved at MSL 120] Ink sketch with text, 55 x 74cm Scale 1":1'
60*	1845	Deeside Railway. Plan of Ornamental Bridge proposed to be erected over Line drawing, 63 x 70cm Scale 1":4'
61	-	S. C. Co. Ltd. Stargate & Greenside Railway Ink drawings
	/1	[Level crossing gates etc] 49.5 x 70.5cm Scales 1":2'; 1½":1'
	/2	Drawing No.9 [Fencing, field gates, 52 x 70.5cm Scales 1":2'; 1½":3'
62*	1867 Feb	S.W. Prong Lighthouse. [Shelved at MSL 161] Line drawing with wash, 69 x 32cm Scale 1":10'
63	-	Godrevey Island Lighthouse. [Shelved at MSL 121] Line drawings with wash, both 54.5
	/1	No.1 General plan. [Watermarked 1858] Scale 1":30'
	/2	No.3 Elevation to the south. [Watermarked 1858] Scale 1":8'
64	-	[Blackfriars Bridge. Shelved at MSL 162] 3 sheets watermarked 1832, 1833, 1836 All 32 x 53cm
	/1	[Cross sections of] Present [and] Proposed [bridge, and of] London Bridge Line drawing with wash Scale 1":8'
	/2-8	[Arch elevations] Line drawings with pencil Scale 1":12'
	/9	Elevation of centre arch with the

		piers, columns & parapets, as proposed to be altered Lithograph Scale 1":12'
	/10	Elevation of centre arch with the piers, columns & parapets in their present state Lithograph Scale 1":12'
65	-	New Battersea Bridge. Contract Drawings Lithographed, 68.5 x 102cm [unless otherwise stated] Scales various
	/1 (part 3)	[Ground plan of Battersea Bridge Road etc approaching the river from the south] Scale 1":20'
	/2	[Wanting]
	/3	Elevation 50 x 270cm
	/4	Half Elevation of Centre Span and Details of Cast Iron Ornamental Spandrels 69 x 134cm
	/5	Details of Fenders, Booms etc
	/6	Surrey Abutment
	/7	Surrey Approach
	/8	Middlesex Abutment
	/9-10	Middlesex Approach
	/11	Abutments and Approaches Various Details
	/12	Details of Piers
	/13	Details of Wrought iron work and of Pier Gully
	/14	Details of Skewbacks and Arched Ribs
	/15-16	Centre Span
	/17	[Wanting]
	/18-19	Intermediate Spans

/20		Shore Spans
/21		Shore Span
/22-24		Details of Ironwork for Centre Span
/25		Details of Coving (Centre Span)
/26		Details of Cast Iron Cornice etc
/27		Details of Cast Iron Parapet
66	[185-?]	Examples of Brick Bridges, sewers, and culverts, for roads, railways, and drainage. Accompanied by Descriptive Text [not present. Published by] Atchley & Co, Great Russell Street, London 11 sheets bound, 68 x 51cm Scales various
67	-	Map of the Country between Glasgow, Kilmarnock & Ayr Shewing the line of the proposed Railway for Connecting Glasgow and Paisley with Ayrshire. [Includes] Sections of Gradients. [Bears ms. on verso] Mr Gibb, Kilmarnock & Ayr Railway Lithograph, 37 x 33.5cm Scale 1":3'
68	1845	Map Shewing the Line of the Proposed Direct Northern Railway from Perth to Elgin, with its connections Lithograph, 50.5 x 38cm
69	1856	Sketch Plan of Aberdeenshire shewing Lines of Railway, 1856 Lithograph, 73 x 69.5cm Scale ½":1m
70	1846	Map of the Scottish Midland Extension Railway Shewing its Line as compared with the Existing Arbroath & Forfar Railway and the Aberdeen Railway now in the course of formation, 1846 Lithograph, 56 x 92.5cm Scale 1":2m
71	1845	Sketch of the Edinburgh and Northern Railway shewing its connection with existing and proposed lines Lithograph, 96 x 62cm Scale 1":4m
72	-	[Line drawings re Dundee Dock] Scale 1":2'

		/1	Elevation of One Leaf Shewing the Bars [i.e. lock gate] 49 x 73cm
		/2	Plan of the Clapsill and Gates 74 x 49cm
		/3	Design for the Gates of the Entrance Lock of the Earl Grey Wet Dock at Dundee 49 x 74cm
73	1831 Aug		[Line drawings, possibly of Dean Bridge, Edinburgh, each bearing signature of Charles Atherton] Scale 1":3'
		/1	No.2: [--- untitled ---] 54.5 x 74.5cm
		/2	No.4: Plan of Middle Pillar & Section through Intr. Cross Walls & Pilasters 75 x 54.5cm
		/3	No.6: Sections of North Arch 54.5 x 75.5cm
		/4	No.8: Retaining Wall at back of West Newel, North Abutment; Retaining Wall at back of East Newel, North Abutment 51.5 x 72.5cm
74	-		[Line drawings of Dredging Machine] Scale ½":1'
		/1	[Side elevation] 46 x 65cm
		/2	Plan of Dredging Machine continued 46.5 x 67.5cm
		/3	Section of Dredging Machine. [Bears] Reference 49 x 71cm Scale (for parts) 1":8"
		/4	Plan of Dredging Machine 48 x 72cm
75/1	1850 Mar		Fraserburgh Harbour. Proposed Improvements. By Alexander Gibb C E. Design No.2, Sheet No.1. General Plan Line drawing with wash, 65 x 97.5cm Scale 1":50'

75/2	-	Fraserburgh Harbour Works. Enlarged Section of Inner Breakwater; Parapet Stairs of Inner Breakwater, etc Line drawing, 68 x 100cm Scale 1":3'; 1":2', etc
75/3	-	Fraserburgh Harbour. Plan of proposed improvements by James Walker, Civil Engineer Line drawing with wash, 125.5 x 66cm Scale 1":50'; 1":10'; 1":1'
75/4	[c.1851]	Fraserburgh Harbour Works. Proposed Road of Access. [Bears note re Report to the Commissioners of 15 Aug 1851, signed Alex Gibb] Line drawing with wash, 29.5 x 67.5cm Scale 1":50' (horiz) 1":15' (vert)
75/5	[c.1851]	----- as above ----- Plan of Jetty on the Inch Rocks Line drawing, 34.5 x 52cm Scale 1":50'; ½":1'
76	1838	Plan of Glenfuir Estate belonging to the Edinburgh & Glasgow Union Canal Company, Shewing the Line of the proposed Edinburgh & Glasgow Railway Through the Property, [and] Sketch of the Edinburgh and Glasgow Union Canal, Shewing also the Line of the proposed Edinburgh & Glasgow Railway, between Edinburgh & Falkirk Lithograph with wash, 41.5 x 33.5cm Scales 3":1000'; 1":2½m
77	1836	Plan of the proposed Edinburgh & Glasgow Railway. With a branch to Falkirk ... J U Rastrick, Parl[iamentar]y Engineer; Grainger & Miller, Engineers Printed: Title page + 6 sheets (longitudinal section) + 5 sheets (plans of Glasgow and Edinburgh and line in between) Scales sections 1":100' (vert) 1":c.2fur plans 1":2fur 2":2500' 3":1000'
78	1838	----- as above ----- -- Printed: 5 sheets (as above)

Scales as above

- | | | |
|------|--------|--|
| 79 | - | Johnston's Map of the County of Forfar with the Railways
Printed, 91 x 71cm
Scale ca.2":3m |
| 80 | [182-] | Design for the proposed New London Bridge by the late John Rennie Esqre. [Shelved at MSL88]
Lithograph, 29.5 x 36.5cm
Scale 3":250'; 1":100' |
| 81/1 | - | Stotfield & Lossiemouth Harbour. Sheet No.1. Plan of proposed extension of the North Pier and enlargement of Inner Harbour on the West Side
Line drawing, 68 x 98cm
Scale 1":c.31' |
| 81/2 | - | ----- as above -----
Sheet No.2. Enlarged drawing of Extension of North Pier
Line drawing, 68.5 x 97cm
Scale 1":c.6' |
| 81/3 | - | ----- as above -----
Sheet No.3. Plan of proposed Enlargement of Inner Harbour towards the East Side
Line drawing, 68.5 x 97.5cm
Scale 1":c.31' |
| 82 | - | Plan & Sections of the Entrance Gate to Banff Harbour. [Watermarked 1844]
Line drawing with wash, 57.5 x 74.5cm
Scale 1":3' |
| 83/1 | | Plan of the Stonehaven Harbour showing the entrance jettee. [Watermarked 1847]
Line drawing with wash, 68 x 78.5cm
Scale 1":c.48' |
| 83/2 | - | Stonehaven Harbour Entrance. Sheet No.2
Line drawing with wash, 60.5 x 90.5cm
Scale 1":5' |
| 84 | 1835 | Plan of Greenock Harbour and Roadstead, with the proposed Wet Docks, as designed by Thomas Telford
...
Lithograph, 26 x 38cm |

- | | | |
|---------|--------------|---|
| 85 | 1838 | <p>Map of the Warkworth Coquet Harbour and Coquet Roads, as taken for the Admiralty, [showing location of Radcliffe Colliery. Sent to Gibb, Chester-le-Street, Durham (postmarked Apr 16); verso bears printed note of 1837 Oct 26 re coals from the Colliery, and ms. letter, 29 St Swithin's Lane, London to Gibb/?, which refers to 'the Breakwaters & Piers as finally fixed by Sir John Rennie']</p> <p>Lithograph with wash, 43 x 55cm</p> <p>Scale 1":950'</p> |
| 86 | 1851? Mar 10 | <p>Girdleness. Elevation and plan of two barns and two byres; Storehouse at Torry Pier. [Bears signature of Robert(?) Stevenson, Edinburgh, and name 'Alan Stevenson, Delt.']</p> <p>Line drawing with wash, 46.5 x 60cm</p> <p>Scale 1":5'</p> |
| 87/1 | 1845 | <p>Plans and Sections of the proposed Argyll Canal. Engineer John Gibb Esqre. Thomas Kyle Surveyor. [3 copies, one bearing 'Glasgow 28th November 1845' and signature of Thomas Kyle]</p> <p>Lithographs with wash, 67.5 x 99cm (or less)</p> <p>Scale 1":400'; 1":100' (etc)</p> |
| 87/2-4 | - | <p>Argyll Canal. Plan of Lock at West Loch Tarbert. [3 sheets with progressively more detail. Watermarked 1844]</p> <p>Line drawings, one with wash, 73.5 x 127.5cm (or less)</p> <p>Scale 1":10'</p> |
| 88 | | <p>Great Northern Railway. Enfield to Stevenage [loop line. Having obtained authority by an Act of 1898, the Great Northern seemed in no hurry to proceed. Not until 1906 was a contract for the first section, from Enfield to Cuffley, let. This part of the line was opened in 1910, but the works on the rest of the line were far from complete when war broke out in 1914. The loop opened in March 1918.</p> |
| 88/1-12 | | <p>Undated copy drawings on fragile tracing paper, these have been permanently sealed in Melinex, except for /7. They are housed at</p> |

MSP 129]

- /1 General plan [in 3 parts]
 Line drawing, 337 x 72cm
 Scale 1:2500

- /2 Sections of Platforms in bank as at
 Enfield, part of Cattlegate and
 Cuffley Stations
 Line drawing (coloured), 29 x 45.5cm
 Scale 1":8'

- /3 Sections of Platform & Wharf Walls
 in Cuttings [at Lavender Hill,
 Cattlegate and Cuffley Stations as
 indicated]
 Line drawing (coloured), 39.5 x 46cm
 Scale 1":2'

- /4 Occupation Underbridge at 4m 6½c
 Line drawing (part coloured), 62 x
 96.5cm
 Scale 1":8'

- /5 Contract No.1, Drawing No.3. Cross
 Sections [in 2 parts]
 Line drawing, 163 x 79cm
 Scale 1":20'

- /6 Drawing No.4. Embankments and
 Cuttings
 Line drawing (coloured), 55 x 90cm
 Scale 1":2'

- /7 Contract No.1, Drawing No.11. Public
 Road under Bridge (Windmill Hill) 0m
 51½c
 Photo-reproduced coloured line
 drawing, 64 x 95.5cm
 Scale 1":8'

- /8 Drawing No.14. Public Road Under-
 bridge (Chase Green Avenue)
 Line drawing (part coloured), 65 x
 100.5cm
 Scale 1":8'

- /9 Contract No.1, Drawing No.16. Public
 Road Overbridge (Lavender Hill) at
 1m 34chs
 Line drawing (part coloured), 69.5 x
 96cm
 Scale 1":8'; 1":16'

- /10 Drawing No.17. Viaduct from 1m 69½ch
 to 1m 77ch. Rendlesham
 Line drawing (part coloured), 64.5 x
 102cm

		Scale 1":4'; 1":8'; 1":16'
/11		Contract No.1, Drawing No.19. Private Road Overbridge at 2Mls. 25¼Chs. Line drawing (part coloured), 68.5 x 96.5cm Scale 1":8'
/12		Contract No.1, Drawing No.25. Subway at Enfield Station Line drawing (part coloured), 65 x 103cm Scale 1":8'
88/13	1905 Dec 19	Great Northern Railway Company. Enfield to Stevenage Railway (Contract No.1). [Press cutting inviting tenders] 1 leaf
88/14	1906 Jan 1- 30	[Correspondence:] The Great Northern Railway, Engineer's Office, King's Cross Station, London [and] Easton Gibb & Son, Great George Street, London, [re Enfield to Stevenage Railway (Enfield to Cuffley) Contract No.1] 7p ms./ts.
89	-	Strathspey Railway. Price Book Ms. Notebook
90	1864 Apr 2	Copy Extract Registered Contract between the Commissioners under the Aberdeen Police and Waterworks Act 1862 and Easton Gibb and his Cautioners for the Construction of the Aberdeen Waterworks 166p ms. bound [the last 15p badly damaged]
91/1	1871 Jan - 1873 Aug	Callander & Oban Railway. Criannlarich Contract. Monthly Statements of Income & Expenditure Ms. vol. bound
91/2	1870 Nov- 1874 Jan	----- as above ----- - Monthly Balance Sheets Ms. vol. bound
92/1	1900 Dec	Glasgow Central Station. Extension. [Details of and] Tender[s for] Granite [made to] Easton Gibb, Kew 11p ms.
92/2	1900 Dec 14	Central Station, Glasgow. Tender. Summary of Quantities

93	1898 Feb 22	Metropolitan Railway. [Copy of] Sir John Wolfe Barry's Report to the Directors on New Works in Progress 7p ms.
94	1876 Aug- 1878 Jun	London & North Western Railway. [Norton?] Branch Extension. Monthly Statement of Income & Expenditure Ms. vol. bound
95	1907	Sirhowy Coal. Monmouthshire Railway Bills. Reports of evidence before Select Committee of House of Commons [Bound vol. of press cuttings]
96		[3 documents re] North Eastern Railway, [each endorsed] Gateshead Widening - Tender
	/1 1903 Aug 14	North Eastern Railway Act, 1903. Chapter ccliv 51p
	/2 1904	Detailed Quantities. [Endorsed] Priced Schedules, [it is a tender by] Easton Gibb & Son, Great George Street, London 15 leaves printed/ms.
	/3 1904	Specification [+] Form of Contract 38p + 2
97		Cardiff & Caerphilly Railway Contract
	/1 1867 Oct- 1871 [Mar?]	Monthly Balance Sheets Ms. vol. bound
	/2 1868 Dec- 1870 Jul	Fortnightly Statements of Income & Expenditure Ms. vol. bound
	/3 1870 Jul- 1871 Mar	[----- as above -----] Ms. vol. bound
	/4 [c.1879]	[Book of costs and estimates etc] Ms. vol. bound
98	1904 Oct	Cardiff Railway Company. Contract No.2. Specification of Works. Approximate Quantities. Schedule of Prices and Form of Tender. Sir Douglas Fox, Robert White, Engineers, Victoria Street, London. [Approximate Quantities and Schedule of Prices have been removed. Form of

Tender has been completed by Easton
Gibb & Son, Great George Street,
London. Endorsed on front 'E G & S
Copy No.1' and on verso 'Tongwynlais
to Treforest - Tender']
55p

- | | | |
|-----|----------|--|
| 99 | 1831 | Plan & Sections of the proposed
Edinburgh & Glasgow Railway. With
branches to Leith, Raw Camps, and
the Benhar Coalfield, by Grainger &
Miller. [Bears ms. 'Edinburgh 24
November 1831 Grainger & Miller'.
Shelved at MSR 132]
Printed, part with wash, 60 x 386cm
Scale 1½":2000' etc |
| 100 | [c.1845] | [Plan, longitudinal section and
cross sections of Argyll Canal from
West Loch Tarbert to East Loch
Tarbert. Shelved at MSR133]
Line drawing with wash, 121 x
430.5cm
Scales 1":100' (plan), etc |

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