prefabrication in Australasia
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Smith & Baber tent, labelled 'Smith Baber, London', formerly in the garden at Montagu House, Whitehall, now at Boughton House, Northamptonshire, UK, late C18th

*Country Life*, CXLIX (4 March 1971), p 429

'A View of Governor Philips [sic] House, Sydney Cove Port Jackson taken from the NNW'
watercolour, British Museum (Natural History) Watling Collection, 19
local timber prefabrication

1804
Sydney to Newcastle & Van Diemen’s Land

1806
Sydney house for Te Pahi in New Zealand

1824
Sydney to Moreton Bay [Brisbane]

1832
Sydney to New Zealand for James Busby

1836
Sydney to Melbourne Lonsdale’s Cottage

1838-40
Sydney to Port Essington

1838
Adelaide, various

1841
Van Diemen’s Land to Portland 1841 Steam Packet Inn
Lonsdale’s cottage
drawing by the Royal Engineers, Sydney, for Lonsdale’s Cottage, 1836

Archives
Office of New South Wales
Section of Lonsdale’s Cottage, 1836

Archives
Office of New South Wales
Lonsdale’s Cottage, attributed to George O’Brien, 1839 or 1850
State Library of Victoria H3487
Lonsdale’s Cottage, attributed to George O’Brien, 1839 or 1850
State Library of Victoria H3487
Lonsdale’s Cottage: reconstruction of the roof frame
Miles Lewis
Lonsdale’s cottage at the time of demolition, April 1891, by Charles S Bennetts
State Library of Victoria H3846
as supplied, with the roof too small

as built, with a skew roof

as extended during Lonsdale’s occupation

additions 1853-1891

Lonsdale’s Cottage

stages of development

Miles Lewis
Lonsdale’s Cottage prepared for removal from Jolimont, 1891
Royal Historical Society of Victoria
the rise and fall of Lonsdale's Cottage part A

1836 made by the Royal Engineers in Sydney, roof size incorrect

1837 shipped on the *Isabella*, some timbers jettisoned in foul weather

1837 carcase erected with some replacement timber

1837 roof erected with the rear adjusted to fit

1837-91 various additions

1891 moved to Carrum
Lonsdale’s Cottage at Carrum, 1950s
Royal Historical Society of Victoria
the rise and fall of Lonsdale's Cottage part B

1959 removed from Carrum, some timbers fell off the trailer

1959 re-erected in John Holland's builder's yard with some replacement timber

1962 dismantled and stored under iron sheets at Como

1973: elements found to have been used in the Moomba float and as doors on the Como lavatories

1973: an inventory taken: parts of McCrae's Cottage &c now mixed in placed in commercial storage

removed to storage at 'Glenfern'

1985 another inventory taken at 'Glenfern': only one window head and two sills could be confidently identified
Lonsdale’s Cottage
detail from the inventory taken at ‘Glenfern’ in 1985

Miles Lewis
the remaining window head and sills from Lonsdale’s Cottage, 1985

Miles Lewis
Steam Packet Inn, Portland, Victoria, c 1840
Miles Lewis
major British prefabricators in timber

Peter Thompson
(exported to Adelaide, Melbourne & New Zealand)

Henry Manning
(exported to St Helena, New Zealand, Perth, Adelaide, Melbourne)
Peter Thompson
Peter Thompson's Emigrant's house [for South Australia] & pair of semi-detached cottages

[John Stephens], The Land of Promise (London 1839), advertisements Builder, I, 6 (18 March 1843), p 70
'Adelaide Church' by Peter Thompson, from an advertisement of 1838
Judge Chapman's letter, New Zealand, December 1843

Chief Justice Martin's house at Judges Bay, Auckland, by Peter Thompson, before 1843], and the plan from Chapman’s letter

Stacpoole, *Colonial Architecture in New Zealand*, p 26
'Woodlands', Oaklands Junction, by Peter Thompson, 1842, erected 1843

Miles Lewis
'Woodlands', models before and after alterations
'Woodlands', Oaklands Junction, by Thompson, 1842, erected 1843
Cast iron window sashes; panelled ceilings

Miles Lewis
Henry Manning
First Government House, Auckland, by Henry Manning, erected by William Mason, 1841

Stacpoole, *Colonial Architecture in New Zealand*, pp 24-5
H. MANNING, 251, HIGH-HOLBORN, London, manufacturer on the most simple and approved principles, pack in a small compass, may be erected with windows, doors, and locks, painted inside and outside, floors, &c. complete for habitations in a few hours after landing. price £15. and upwards. They may be taken to pieces and removed as often as the convenience of the settler may require. H.M. made those now occupied in the colony, by the Rev. C.B. Howard, J.B. Hack, esq. and others from whom testimonials have recently been received of the superiority of those over all others. ...
Henry Manning’s panelised prefabrication system

J C Loudon, *An Encyclopædia of Cottage Farm and Villa Architecture* (London 1846 [1833]), p 256
Manning cottage at Ringmer Rd, Burnside, South Australia

Miles Lewis
Manning cottage at Burnside, South Australia

Miles Lewis
Journal of Samuel Bradford Vaughan

‘Particulars of Packages of wooden house as they are marked + numbered’
courtesy of Mrs W J Kendall, now in the State Library of Victoria

<table>
<thead>
<tr>
<th>Package</th>
<th>Description</th>
<th>Marked</th>
<th>Numbered</th>
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<td>1</td>
<td>12, 14, 2, 8</td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>2, 12, 8, 14</td>
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<td></td>
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<td>3</td>
<td>2, 1, 8, 14</td>
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<tr>
<td>4</td>
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<td>5</td>
<td>12, 2, 8, 14</td>
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<td>12, 2, 8, 14</td>
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<td>7</td>
<td>12, 2, 8, 14</td>
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<tr>
<td>8</td>
<td>12, 2, 8, 14</td>
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<td>9</td>
<td>12, 2, 8, 14</td>
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<td>12, 2, 8, 14</td>
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<td>11</td>
<td>12, 2, 8, 14</td>
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</tr>
<tr>
<td>12</td>
<td>12, 2, 8, 14</td>
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[Note: The page contains instructions and a table listing the packages with their contents and markings.]
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<tr>
<th>No.</th>
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<th>Quantity</th>
<th>Price 1</th>
<th>Price 2</th>
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</thead>
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<tr>
<td>12</td>
<td>2 Bead + Butt Framings</td>
<td>1 do.</td>
<td>7.8</td>
<td>3.0</td>
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<tr>
<td>13</td>
<td>8 Square Panell’d do.</td>
<td>1 do.</td>
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<td>3.0</td>
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<tr>
<td>14</td>
<td>10 Bead + Butt do.</td>
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<td>7.8</td>
<td>3.0</td>
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<tr>
<td>15</td>
<td>6 do. do. do. do.</td>
<td>1 do.</td>
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<td>3.0</td>
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<td>3.0</td>
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<tr>
<td>17</td>
<td>8 Doors + Grounds</td>
<td>1 Package</td>
<td>7.8</td>
<td>3.0</td>
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<tr>
<td>18</td>
<td>4 Corner Posts</td>
<td>1 do.</td>
<td>8.7</td>
<td>1.4</td>
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<tr>
<td>19</td>
<td>12.2 Grooved Posts</td>
<td>1 do.</td>
<td>8.7</td>
<td>1.0</td>
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<tr>
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<td>1 do.</td>
<td>20.11</td>
<td>1.0</td>
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<td>2 Top + 2 Bottom Plates to connect with Plates no. 20</td>
<td>1 do.</td>
<td>15.2</td>
<td>.9</td>
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<tr>
<td>22</td>
<td>9 Joists</td>
<td>1 do.</td>
<td>21.7</td>
<td>.9</td>
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<tr>
<td>23</td>
<td>9 do.</td>
<td>1 do.</td>
<td>21.7</td>
<td>.9</td>
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<tr>
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<td>9.2 Grooved Posts</td>
<td>1 do.</td>
<td>7.11</td>
<td>.9</td>
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<td>Case Floor Cloth for Roofing</td>
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<td>.9</td>
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<td>18.2 Grooved Posts</td>
<td>1 Package</td>
<td>7.10</td>
<td>1.2</td>
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<tr>
<td>28</td>
<td>2 Gable Posts 24 Gable Muntins</td>
<td>1 do.</td>
<td>7.8</td>
<td>1.0</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>in.</td>
<td>Tons. feet</td>
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<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>-----</td>
<td>------------</td>
</tr>
<tr>
<td>31</td>
<td>1 do.</td>
<td>4 Top Plates</td>
<td>20.11</td>
<td>-.9</td>
</tr>
<tr>
<td>32</td>
<td>1 do.</td>
<td>4 Bottom do.</td>
<td>20.11</td>
<td>-.9</td>
</tr>
<tr>
<td>33</td>
<td>1 do.</td>
<td>14 Rafters</td>
<td>13.1</td>
<td>-.11</td>
</tr>
<tr>
<td>34</td>
<td>1 do.</td>
<td>14 do.</td>
<td>13.1</td>
<td>-.11</td>
</tr>
<tr>
<td>35</td>
<td>1 do.</td>
<td>12 do.</td>
<td>13.1</td>
<td>-.11</td>
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<td>36</td>
<td>1 do.</td>
<td>12 do.</td>
<td>13.1</td>
<td>-.11</td>
</tr>
<tr>
<td>37</td>
<td>1 do.</td>
<td>17 Roof Boards</td>
<td>23.-</td>
<td>-.11</td>
</tr>
<tr>
<td>38</td>
<td>1 do.</td>
<td>17 do. do.</td>
<td>23.-</td>
<td>-.11</td>
</tr>
<tr>
<td>39</td>
<td>1 do.</td>
<td>17 Floor do.</td>
<td>15.4</td>
<td>1.4</td>
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<td>40</td>
<td>1 Package</td>
<td>17 Floor do.</td>
<td>15.4</td>
<td>1.4</td>
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<td>41</td>
<td>1 do.</td>
<td>17 do. do.</td>
<td>15.4</td>
<td>1.4</td>
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<tr>
<td>42</td>
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<td>25 do. do.</td>
<td>3.1</td>
<td>1.10</td>
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<td>43</td>
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<td>20 Roof Boards</td>
<td>10.6</td>
<td>1.-</td>
</tr>
<tr>
<td>44</td>
<td>1 do.</td>
<td>20 do. do.</td>
<td>10.6</td>
<td>1.-</td>
</tr>
<tr>
<td>45</td>
<td>1 do.</td>
<td>4 Rafters for Gable Ends</td>
<td>13.-</td>
<td>-.6</td>
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<tr>
<td>46</td>
<td>1 Case</td>
<td>6 Locks for doors of the Pannel'd House</td>
<td>6 Iron braces to connect bottom and Top Plates</td>
<td>3 Locks for Rough House</td>
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<tr>
<td>47</td>
<td>1 Package</td>
<td>1 Cottage Window</td>
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<td>3.7</td>
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<tr>
<td>22</td>
<td>1 Do.</td>
<td>2 Framings</td>
<td>-</td>
<td>6.8</td>
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<tr>
<td></td>
<td></td>
<td>Seat - Riser + Roof For</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>1 Do</td>
<td>1 Door + Frame + 1 W.C.</td>
<td>7.2</td>
<td>3.-</td>
</tr>
</tbody>
</table>

Total measurement in. Tons. feet

Feet - 592.3 - or 14. 32
Directions for erecting my Wooden House. (Portable Panell'd made by Mr Manning of Holborn)

First look out the ground plates or cills and knock them together, take care to bring the corners together as they are marked - next place the corner posts according to their respective marks into the bottom plates + put the nuts on screws from the underside + screw them tightly up - next put in the middle posts those that are fastened with screws + screw them from the underside very firmly; next knock the top plates together according as they are marked (these plates are grooved the bottom are not) + lift them up bodily + place the same upon the top of posts already screwed in. then screw the top plates down to the posts but not close down at first until you get all the panelled framings + posts in all round which you must do by first placing in a framing then a post and the last (when you come to close the last two) must be sprung in thus [sketch]. You must take care to place the doors and windows in the places where you want them to be before you screw down the top plates firmly + put in the cross partitions - i.e. in a similar way to the external enclosures. The cross plates are marked at each end which you must be particular in looking to. having got all properly down screw up all the nuts very firmly - next put in the Rafters + nail two or three braces across the underside of the Rafters to keep them in their places - then nail on Board covering for the Roof - and last of all put down the Floor Boards.

The gable Enclosures are put in similarly to the panell'd framing. Note. the Bottom plates are painted Black.
'Jolimont' by Henry Manning, 1839: pastel, by G A Gilbert
State Library of Victoria no H5278
Jolimont, reconstruction

MUAS 6993
78 Mercer Street, Queenscliff, by Henry Manning, 1853: built in Mona Place, South Yarra, moved c 1859-63

Miles Lewis
view across the Fitzroy Gardens, by Charles Nettleton, 1860s
(Henry Cooke’s house indicated)
State Library of Victoria 793524 / H88.22/7
house of the Rev John Ham in Grey Street, East Melbourne (one of the 'sailship houses', imported from New Zealand by Henry Cooke)

A J Petrie
Lyndhurst Hall, 46 Walhalla Street, Pascoe Vale, erected in Brunswick c 1856, moved to the present site in the late 1860s: old photo & modern view

State Library of Victoria no H654
Miles Lewis
Lyndhurst Hall: details of cladding, and baseboard with iron spline

Miles Lewis
Lyndhurst Hall

grooved cladding board

broad splines for cladding
narrow splines for flooring

Miles Lewis
‘Sketch on Sandridge Pier’, by George Thomson, undated but c 1855, showing George Train's warehouse
State Library of Victoria no H90.61/1
Osborne House, 456 Victoria Street, North Melbourne

Miles Lewis
detail of the flyer advertising the Misses Haynes’s seminary
‘Osborne House’: rear view & detail of boarding

Miles Lewis
Osborne House
lading numbers on lining boards

Miles Lewis
Osborne House numerals cut from studs

Miles Lewis
Central Melbourne plan showing wards
MUAS 1,505
number & value of buildings in Melbourne 1843-1855

Miles Lewis
Harkins house, built in East Melbourne, 1850s, moved to 37 Warrigal Road, Mentone in 1900: view at Mentone, from north, ?c 1910

from a photograph supplied to the National Trust by Mrs Renouf, 1983
Harkins house at Mentone, from north c 1910 & c 1930

photos supplied to the National Trust by Mrs Renouf, 1983
Harkins house at Mentone during demolition, 1983

Miles Lewis
Harkins House
quirked board cladding
north-east room
Miles Lewis
Harkins house
stencil on floorboard
Miles Lewis
Harkins house frame as reassembled in Collingwood by Andrew Muir

Miles Lewis
Harkins house frame
roof structure showing mortised king posts

Miles Lewis
Harkins house frame
roof structure showing mortised king posts

Miles Lewis

Malay roof structure
Showing *alang muda* connecting mortised *runjuk langgit* posts

Miles Lewis
Harkins House

roof post with Chinese character
bottom plate & scarf joint

Miles Lewis
2 Henry Street, Prahran, c 1853, remodelled c 1930

Miles Lewis
2 Henry St, Prahran

crossed base plate at north-east corner

access through iron and shingle roofs, with Andrew Muir

Miles Lewis
2 Henry St, Prahran

roof space, posts with mortice holes, Willys Keeble & Andrew Muir

Miles Lewis
papier mâché
the buildings of C F Bielefeld
papier mâché church
C F Bielefeld, *Portable Buildings*
(London 1853), pl 5
papier mâché church
sectional perspective & plan

C F Bielefeld, *Portable Buildings* (London 1853), pl 6
papier mâché villa

C F Bielefeld, *Portable Buildings* (London 1853), pl 1
papier mâché villa, interior view & plan

C F Bielefeld, *Portable Buildings* (London 1853), pl 2
papier mâché cottage

C F Bielefeld, *Portable Buildings* (London 1853), pl 8
Edward Taylor Bellhouse

Manchester
San Francisco
Balmoral
Melbourne
Numbaa
iron warehouse with living quarters over, for San Francisco, by E T Bellhouse, 1850

Allgemeine Bauzeitung, 1850
ballroom for Balmoral, by Bellhouse, 1851

*Illustrated London News, 22 November 1851*
detail of stanchion from E T Bellhouse’s British patent, 609 of 1853
warehouse, Latrobe Terrace, Geelong

Michael Read, 'Prefabricated Buildings and Structures' (BArch, Melbourne University, 1963), pl 51
warehouse, Latrobe Terrace, Geelong, details

Michael Read, 'Prefabricated Buildings and Structures', pls 51, 56
40 Moor Street, Fitzroy, prior to removal to South Melbourne, views, elevation and plan

Clare Lewis & Mary Lloyd, 'Portable Buildings' (BArch, University of Melbourne, 1959)
40 Moor Street, as re-erected behind 399 Coventry St, South Melbourne

Miles Lewis
Coppin's Royal Olympic Theatre, cnr Lonsdale & Stephen [Exhibition] Sts, Melbourne, 1855, manufactured by Bellhouse of Manchester

the local solution

British iron builders
John Walker & A T Walmsley

Henry Ginn, Colonial Architect
iron house at ‘The Weatherboard’, Inverleigh, one of a batch designed by Henry Ginn, Colonial Architect, c 1852-3, fabricated by John Walker, erected from 1854 onwards

Miles Lewis
house at the Weatherboard

junction of panels at the window line maker’s plate

Miles Lewis
house at the Weatherboard
corner detail showing the painted number 60/A

Miles Lewis
prefabricated house design by Henry Ginn, Colonial Architect, c 1852-3: Public Works Department contract drawing for erection, 18 May 1854: detail

PRO Victoria, police file, series 937 (1852-), 'The Depot', box 141 no 3
the Ranger’s house, Parkville, Melbourne, by Henry Ginn, Colonial Architect; fabricated by Walmsley of London, c 1854

details of gusset & maker’s plate

Miles Lewis
Edwin Maw

EDWIN MAW

LIVERPOOL
iron house and shed, former hotel, at Numbaa, NSW, by Edwin Maw, c 1854

Bob Irving
former Presbyterian Church, Numbaa, NSW, by Edwin Maw, 1854

Miles Lewis
former Presbyterian Church, Numbaa, NSW, by Edwin Maw, 1854: interior

Miles Lewis
former Presbyterian Church, Numbaa, NSW, by Edwin Maw, 1854
connection of girt & stanchion

Miles Lewis
iron building, ‘Longford House’, Longford, by Edwin Maw, 1850s
Miles Lewis
Edwin Maw building
detail of girt with spacer and cladding fixing
Miles Lewis
Edwin Maw building
collection of girts to column
Miles Lewis
Edwin Maw building
column base and floor tie
Miles Lewis
structural system of the Edwin Maw building, Longford
Miles Lewis
prefabricated iron building at Keilor

Miles Lewis
Free Presbyterian churches by Robertson & Lister, 1854, for Melbourne & Sydney later St Stephen's church, Macquarie Street, catalogue illustration & photo of 1910
Charles D Young & Co, *Illustrations of Iron Structures for Home and Abroad*, pl 19
Free Presbyterian Church, Macquarie St, Sydney, by Robertson & Lister

*Photographs of Public and other Buildings (Sydney 1872)*, p 92 (no 256), details
Legislative Council Chamber, Macquarie Street, Sydney, by Robertson & Lister

Miles Lewis
iron house made for Land Commissioner W N Gray, designed by Bell & Miller, made by Robertson & Lister

Young, *Illustrations of Iron Structures*, pl 9, design 14
Corio Villa, 56 Eastern Beach, Geelong, manufactured c 1854-5, erected c 1855-6
La Trobe Collection, State Library of Victoria
Corio Villa details

Miles Lewis
Corio Villa
rear room & detail of wall construction

Miles Lewis
Corio Villa: detail of cast iron stanchion, rear wall
Miles Lewis

Iron store, McKillop St, Geelong: detail of stanchion from inside
Miles Lewis
cast iron stanchion from Corio Villa
Miles Lewis
Robertson & Lister horizontal corrugated cladding system

Miles Lewis
iron store, McKillop Street: from the north-west

Miles Lewis
cast iron corner stanchions

Iron store,
McKillop St,
Geelong

Brown Brothers store, Ginn & Mercer St,
Geelong

Miles Lewis
Brown Brothers Store, Ginn and Mercer Streets, Geelong, 1853: view from an old bill-head

Mornement & Holloway, *Corrugated Iron*, p 68
Brown Brothers Store, Ginn and Mercer Streets, Geelong, 1853

Miles Lewis
Brown Brothers Store, old view of the side flank
Brown Brothers Store, Ginn and Mercer Streets, Geelong, 1853

façade details

Miles Lewis
Brown Brothers Store, Ginn and Mercer Streets, Geelong, 1853 imitation granite wallpaper

Miles Lewis
Brown Brothers Store,
Ginn and Mercer Streets,
Geelong, 1853
rear view

cast iron corner stanchion
wrought iron T-sections
cast iron sashes

Miles Lewis
Iron cottage, Patterson Place, South Melbourne
- cast iron corner stanchion
- wrought iron T-sections
- cast iron sashes

Brian or Hilary Lewis
399 Coventry Street, South Melbourne

four rooms plus attic compared with Patterson Place cottage of two rooms plus attic

Miles Lewis
iron store at Bridgewater, Victoria
Miles Lewis
Samuel Hemming

view of Samuel Hemming's works, Bristol, August 1853
*Illustrated London News*, 18 February 1854, from a view in August 1853
‘A Portable Town for Australia, Erected at Samuel Hemming’s Portable House Manufactory, Clift House, Bristol. Showing the Church and Parsonage House as ordered to be sent out to the Bishop of Melbourne.’

National Library of Australia, pican84413223
the second of Hemming's iron churches
a view of Hemming's yard in August 1853
National Library of Australia nla.pic-an8713118
'Interior view of the Second Church erected for the Diocese of Melbourne at Hemming's Patent Improved Portable Buildings Manufactory, Clift House, Bristol, 1,000 sittings.'

State Library of Victoria
Holy Trinity Church of England, Bay St, Port Melbourne, by Samuel Hemming, 1853, erected under the supervision of Knight, Kemp & Kerr, 1855

Royal Historical Society of Victoria A-52-C
St Paul's Church of England, Fisher & Brantome Sts, Gisborne, remaining side flank

Miles Lewis
Congregational Church, Bourke Street, Sydney
Photographs of Public and other Buildings, p 89 (no 267)
Cottage for the Archdiocese of Sydney, by Hemming

Mitchell Library
house by Samuel Hemming

State Library of Victoria H30150
'Wingecaribbee', Bowral, NSW

Hilary Lewis

house by Samuel Hemming
State Library of Victoria H30150
'Wingecaribbee', corner detail

zinc

Henry Hewetson, London
William Kirkwood, Edinburgh
James Middlemass, Edinburgh
Boydell & Glasier, Birmingham & London
William Kirkwood's Portable Metallic Houses for Australia

zinc house by James Middlemass of Edinburgh

_McPhun's Australian News_, no 4 (April 1853), p 4; no 8 (August 1853), p 12
zinc house formerly at Guildford, now next to the Diggers Hotel south of Castlemaine

Miles Lewis
Francis Morton

of Liverpool, London & Glasgow
ornamental shooting lodge by Francis Morton & Co of Liverpool, London & Glasgow, 1869

advertisement by Francis Morton

International Exhibition, 1862, *Catalogue of the Industrial Department*, p 31
rubbish bin outside the Ravenswood hall, Queensland

Miles Lewis
detail of rubbish bin
post Ravenswood, Queensland

Miles Lewis
Frederick Braby
Court House, Broome, Western Australia, by Frederick Braby of Glasgow, 1889

Brian Kidd
Court House, Broome: entrance and detail of the steps.
Court House, Broome
column base & detail of the brand
Court House, Broome, detail of the roof framing
wrought iron (or just possibly steel)

hook bolts

cast iron

Court House, Broome, detail of the roof framing
Court House, Broome,
louvred door & detail of iron louvred shutter
the Improved Timber and Iron Buildings of Frederick Braby & Co

Braby’s Handbook for Engineers and Architects
(2nd ed, Fredk. Braby & Co. Ltd, London, no date [?c1913]), pp 95, 94
assay office of the London and Hamburg Gold Company, c 1897, now in Maritana St, Kalgoorlie
Miles Lewis
London and Hamburg building, relocated lining boards
Miles Lewis
London and Hamburg building: post and ant cup

Miles Lewis
London and Hamburg building
steel base beam branded REINER WALZWERK NP18 1897
Miles Lewis
Knuckey St church, view at Simpsons' yard in Wakefield Street, Adelaide
photo in the possession of the Rev Stafford
Knuckey St church, Darwin views in 1986 & c 2005

Miles Lewis; Janet Beeston
Wesleyan Church, Knuckey Street, Darwin, 1897: detail of imitation weatherboard cladding, seen from inside

Miles Lewis
Knuckey Street church, Darwin
details of composite hip rafter and angle purlins with hook bolts

Miles Lewis
Knuckey Street church cladding system with and without the cover strip
Miles Lewis
Knuckey Street church: composite stud and cladding fixing system

Miles Lewis
Knuckey Street church: views of ridge construction

Miles Lewis
Knuckey Street church: roof framing at the ridge

Miles Lewis
the twentieth century
a Beaufort steel house in Canberra, 1947

surviving Beaufort houses in Coburg

Miles Lewis
interior detail of a Beaufort house at 21 Somali Street, Coburg
David Beauchamp
the Riley Newsum house

Wood, July 1951, p 252
Riley Newsum houses being put up on the Canberra plains by the A V Jennings Construction Co, early 1950s

panel junction in the Riley Newsum house


Wood, July 1951, p 252
an 'Operation Snail' house at Kyneton

Miles Lewis