

Providence Foundry,
Burslem,

Sept. 29. 1886.

L.A. 10072/86.

Dear Sir,

I now have pleasure in sending herewith a few designs of various sizes of Tiles, some are independent patterns to work in floors along with plain tiles, and others you will observe are continuous patterns which of themselves would make a floor. Others are finishing borders and corners and one would make a centre piece $8\frac{1}{2}" \times 8\frac{1}{2}"$. Of course many more examples could be given but those I have thought sufficient for the present and the sizes as I have before explained run as follows when fired viz:-

6" x 6", $4\frac{1}{4}" \times 4\frac{1}{4}"$, 3" x 3", $2\frac{1}{2}" \times 2\frac{1}{2}"$, $1\frac{1}{2}" \times 1\frac{1}{2}"$

for plain tiles of various colours there are besides the before mentioned sizes diagonal halves of the same  and the $4\frac{1}{4}"$ across the corners measures 6" thus working with a 6" Tile on the side of it and so on with other sizes.

Also

Providence Building
 Providence, R.I.
 I have two specimens in view
 herewith a few designs of various sizes
 of tiles, some are independent patterns
 along with plain tiles
 and others you will observe are continuous
 patterns which if the same material was
 used, other one finishing border
 and corner and one would make a
 center piece $6\frac{1}{2} \times 6\frac{1}{2}$ of course many
 more examples could be given but these
 I have thought sufficient for the present
 and the sizes are I have before mentioned
 some of the other sizes are
 6×6 , $4\frac{1}{2} \times 4\frac{1}{2}$, 3×3 , $2\frac{1}{2} \times 2\frac{1}{2}$, $1\frac{1}{2} \times 1\frac{1}{2}$
 for plain tiles of various colors
 then one finishes the border mentioned
 size diagonal border of the same
 and the $4\frac{1}{2} \times 4\frac{1}{2}$ corner the corner measures
 6" then working with a 6" tile with
 side of it and so on with others
 etc.

Also there are octagon, hexagon and
 diamond shapes used, out of which
 patterns are formed from plain tiles
 of various colours.

I am &c

(sd) William Boulton.

Providence Foundry,
Burslem.

Sept. 25. 1886.

Director General of Stores,
India Office, S.W.

Dear Sir,

In answer to yours of 23rd Inst the
Tile Press is well in hand and am
finishing it ready for delivery but
will suspend d/y and the execution
of the moulds and pattern plates until
I get your full instructions.

I am preparing you some designs
of encaustic Tiles, which will take
a few days to get ready and will
send them soon as finished.

I am ignorant of the intentions
of the Government of Madras as to
the extent of their operations in this
particular line, but as the distance
is so great, I thought it well to
anticipate that they might wish
to go into the matter more extensively
after a trial, and it would be well
to

L.A. 9882.

Ln:4
11/8 25/86
157

Providence Journal
Providence

Dec 22 1888

Director General of States
Luzon Office, P.H.

7.0. 1888

Dear Sir
In answer to your of 23rd inst. the
tile press is well in hand and our
finishing it ready for delivery but
will require a few days and the execution
of the models and patterns and
I am preparing for some design
of encaustic tiles, which will take
a few days to get ready and will
send them soon as finished.

I am ignorant of the intention
of the Government of Mexico as to
the extent of their operation in this
country. It is so great I thought it well to
anticipate that they might wish
to visit the water works and
after a trial, and it would be

to furnish them with designs also of
larger and smaller tiles of the various
sizes that may work together to make
nice encaustic floors as I have done
for firms in Australia, America, France,
Spain Germany and other countries
besides Minton of Stoke, New of
of Roseley and other eminent firms
in this country. By doing this now
may save time in correspondence.
Whatever patterns the Government of
Mexico may select, will of course
govern the price, according to the
greater or lesser amount of work
therein.

I will also send you some
illustrations of Machinery necessary
for working a Tile Works in the most
modern and economical principles
and beg to say that I am in a
position to supply anything that
may be required for the complete
fitting up of a Tile Works, having
taken

taken out Letter Patent for various
machines, and having made the
business a specialty for many years
thanking you for your prompt
communication.

Lu: 3⁴
PM 8250/88
8579



A. 9635.

taken out Letter Patent for various
machines, and on 23rd September 86
business a specialty for many years
Sir,

With reference to your letter dated the
18th Instant, I have to state that the
information required by you, will be
obtained from the Government of Madras
and pending the receipt of a reply, I
shall be obliged if you will suspend
the supply of the Tile Press &c.

I shall be obliged if you will
furnish me for transmission to India
with copies of the coloured designs of
patterns submitted with your tender
of the 11th September, and of any other
designs that you may have in stock,
in order that the indenting officer
may make his selection.

I am, Sir,

W. Boulton,
Providence Foundry,
Burslem.

Your obedient servant,
Director General of Stores.

Providence Foundry,
Burslem,

Sept 18. 1886.

The Director General of Stores,
India Office. S. 80.

Dear Sir,

Your esteemed order for Tile Press
and dies and pattern plates as per my
tender of 11th instant recd with thanks.
Same shall have my most careful
attention.

Will you be kind enough to say
per return if it is definitely ~~settled~~
understood that I work to the designs
sent with my tender for the brass
pattern plates?

Also please to let me know per
return what is the contraction of
the clay of which it is intended to
make the Tiles, so that I may make
the dies and pattern plates the
right size to allow for shrinkage
in firing, or if you can state the
exact size the dies must be made



P 3
M: 2
P/W 8250/
8599/86

Providence Journal
Providence

Dear Sir,

I have examined other for the press
and other photographs and as far as
tender of 11 is instant record that
I have still having most careful

attention
Will you be kind enough to say
for return of this definitely
understand that I want to the design
sent with my letter for the press
better plate?

Also please to let me know for
return what is the position of
the flag of which it is intended to
make the size, so that I may make
the size and better plate the
right size to allow for advantage
in framing, or if you can state the
exact size the size must be made

I should prefer it.

No doubt you are aware that all
clays contract more or less in firing,
and in my experience I find them to
vary very much in different parts of
the world.

Yours truly
Per Pro Wm Boulton
F. Harris

4552

It is requested that in any further communication on this subject the under-mentioned letters and number may be quoted, and the reply addressed to
The Director General of Stores,
India Office,
Westminster, S.W.
SCT. 9442.

India Office, London,

1st October 1886.

Sir,

With reference to the demand in
indent dated 14th July 1886, for a Tile
press for the Government Brick
Manufactory, I have the honour to
forward herewith, drawings of tiles
received from M^r. W. Boulton, to
whom an order for the press has been
given, at a cost of £67, and also
copies of his letters.

I have to ask that I may be
informed which of these patterns are
considered to be most suitable, and
also what is the contraction of the
clay from which it is intended to
make the tiles.

I have the honour to be, Sir,
Your obedient servant,
J. W. R. R.
Madras for Director General of Stores.
The Secretary
to Government,
Public Works Department,

Mr. F.
14. 8250/86
8599/86

8:1
P.W.C. No 8250
8599/86

1777-8 W-14-7-86

Ry 22-10-86

No: 20

(+16 Procuings)

3712/86 of 23 Oct/86

Referred to the
Consulting Architect
for early report.

John Astle. Colonel R.E.
Supt for M.W.D.

31st MAY 1886, No. 1363 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 13th May 1886, No. 611.

With reference to paragraph 3 of G.O., No. 1492 W., dated 26th June 1885, and to item 21 on page 4 of the Provincial final budget for 1886-87, I have the honor to request that the indent for *carton-pierre* may be forwarded to England if it has not already been sent.

CERTIFICATE by the Examiner, Public Works Accounts.

Number and date of indent or letter with which received.	Description of articles indented for		Work to which the value is chargeable.	GRANT.		Certificate to be initialled by the Examiner.
				Amount.	Authority.	
1	2		3	4	5	6
Public Works Secretary's office note, No. 1833 C., dated 17th May 1886.	Provincial. Carton-pierre	RS. A. P. 1,801 10 3	Presidency division. Ornamenting the ceilings of the nave in St. George's Cathedral, Madras.	RS. 2,711	Item No. 21 of final issue of the Provincial budget for 1886-87.	I certify that funds to meet the outlay which it is estimated will be incurred in England in connection with this indent during the year 1886-87 have been provided for in the estimates of the Public Works Department to the extent of £137-0-0.

MADRAS,
19th May 1886.

(Signed) D. C. GORDON,
Examiner, Public Works Accounts.

Endorsement on Receipt Office Note, No. 129, dated 20th May 1886.

Forwarded to Government with reference to office note, No. 1833 C., dated 17th May 1886.

(Signed) D. C. GORDON,
Examiner, Public Works Accounts.

1886

P. W. DEPARTMENT.

Current No. 8250

From *Mr. Dr. L. J. Stone*
India office

ENCLOS.—20

716 *Tracing*

No. *S.A. 9442*
Dated *1 October 1886*
Received *22*

SUBJECT.

*Title Press - For the design
for the Govt. Brief Manufacture
of - ~~as per~~ from Mr. W. B. Baillie
& recd. to be informed which
of the patterns are considered
to be most suitable & also what
the contraction of the Clay
from which it is intended to
make the tiles*

DISPOSAL.

No. *3729* Dated *23 Oct 1886*

*Referred to the
Consulting Architect
for early report.*

*(H) J. Hasted
Secy. to Govt. P.W.D.*

21/11

ORDER—dated 31st May 1886, No. 1363 W., Public Works.

Ordered that the indent be forwarded to the Director-General of Stores, India Office, for favor of early compliance.

2. Copies of G.Os., No. 587 W., dated 12th March 1885, and No. 1492 W., dated 26th June 1885, will be attached to each copy of the indent.

(Here enter No. 1364 W., dated 31st May 1886.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.

Exd. E. Fernandez.
Spare Copies

no. 1779 W. 14.7.86.
- 1778 W. 14.7.86.
- 1777 W. 14.7.86.
- 2382 C. 6.7.86.
- 1363 W. 31.5.86.
- 1365 W. 31.5.86.
- 1364 W. 31.5.86.

Exd. E. Fernandez.
29/10

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.
PUBLIC WORKS.

Dated May, 31st.

Recd.

Encl.

G.O , 31st May 1886, No. 1363 W.

MAY.

Indent

Ordered that the — for *carton-pierre* ornamental work for decorating the ceiling of the nave of St. George's Cathedral at Madras be forwarded to the Director-General of Stores, India Office, for compliance.

31st MAY 1886, No. 1364 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

THE DIRECTOR-GENERAL OF STORES,

INDIA OFFICE, LONDON.

SIR,

I am directed to forward, herewith, for favor of early compliance, an indent, in duplicate, for *carton-pierre* ornamental work for decorating the ceiling of the nave of St. George's Cathedral at Madras.

2. A certificate by the Examiner, Public Works Accounts, to the effect that the necessary funds have been provided, accompanies.
G.O., No. 1363 W., dated 31st May 1886.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
31st May 1886.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1886) Madras.
PUBLIC WORKS.

Dated May, 31st.

Recd.

Encl.

31st May 1886, No. 1364 W.

MAY.

Indent

Forwarding to the Director-General of Stores, India Office, an — for *carton-pierre* ornamental work for decorating the ceiling of the nave of St. George's Cathedral at Madras.

31st MAY 1886, No. 1365 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

I am directed to forward, for information, copy of my No. 1364 W., of this date, to the Director-General of Stores, accompanied by the triplicate copy of the indent referred to therein.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
31st May 1886.

Exd. E. Fernandez.
Spare Copies

P.W.C. No. 8599 ✓

Public Works Department.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

The Chief Engineer
P. W. D.

No. 939

Dated 2^d November 1886.

Received 4.11.86

+ 21
No. of ENCLOSURES. (20)

(+16 Trans.)

Subject.

Particulars regarding the
tile press ordered for the
Government Brick Manufactory
through the India Office.

~~SA~~

P. W. D

Consulting Architect's Office,

Chopank, Madras,

30th October 1886.

Recd. 2nd November.

No 939

From

The Consulting Architect

to the Government of Madras,

To

The Chief Engineer

Public Works Department.

Wm
4/11/86

Sir,

Enclosure.

20

In returning the papers received with your endorsement N^o 3729C dated the 23rd Instant, I have the honor to state that I consider patterns N^o 8 and N^o 11 to be the most suitable.

2. Our clay contracts $\frac{1}{8}$ of an inch in 4 inches that is, a 4 inch powder pressed tile measures $3\frac{7}{8}$ inch when burnt.

3. I will be glad to have the illustration of machinery referred to ⁱⁿ Mr Boulton's letter N^o 9882 dated the 25th September 1886.

I have the honor to be

Sir

Your most obedient servant

30 OCT 86

Wm Thompson

Colonel R.E.
Executive Engineer in Charge
Consulting Architect Division