

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.****DEPARTMENT.**

G.O. No.

Press
Mis.

Dated

18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th July 1871.*

No. 66. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Cuddalore, 23rd May 1871, No. 35:—

THERE is no better way of replying to the Order of Government No. 1,333, dated 15th May 1871, on the subject of the necessity of the improvements proposed to the Government Bakery at Bangalore, than by forwarding the memorandum of instructions sent by my predecessor to the Executive Engineer, Bangalore, on the subject, and this I have the honour to do.

No. 224-A.

MEMORANDUM.

IN G. O., 29th November 1866, No. 3,797, the Right Honourable the Governor minutes to the following effect:—"I am certainly under the impression that some of the buildings are designed "with an unnecessary degree of solidity, but this costly and durable method of construction is "consistent with the standard plans now in force and the presumption of sanitary authority."

2. To the undersigned it would appear that the above remarks apply more particularly to the new Bakery, Bangalore, as they succeed almost immediately a reference to that building.

3. During the recent visit, however, of the undersigned to Bangalore, he examined, in company with Captain Wood, R.E., the building alluded to, which has been built, as the Government are aware, with such want of care and skill that the contractor was fined by the Executive Engineer in the sum of Rupees 1,000 for refusing to make good this bad work and for dilatoriness. This fine was subsequently remitted by the Government—*vide* G. O., dated 14th January 1869, No. 100.

4. In spite therefore of the solidity of the design, it would appear that this building is constructed in a far from durable manner. The arches at the end of the terraced verandahs of the upper-story show cracks and symptoms of weakness. The trusses of the roofs appear in many instances to have failed and to be failing. Indeed, it is a question whether their design does not contain an element of self-destruction. Cracks appear at the corners of all the upper rooms, but the cracks that have the worst appearance are precisely where the strongest work is required, namely, in the machinery room. And it is open to very grave doubt whether the walls of this room will stand, unaided, the vibration of the machinery.

5. Captain Wood was requested to submit a sketch and estimate of what he considered requisite in the way of iron-ties, etc., for supporting this room, and it is very desirable that funds be allotted by Government for some such service, in order that the walls may be securely braced up before the room is handed over to the Commissariat and the machinery put into regular use.

MADRAS,
27th January 1871.

(Signed) R. A. ROBERTS, Lieut.-Colonel, R.E.,
Acting Superintending Engineer, 5th Division.

No. 67. ORDER THEREON, 6th July 1871, No. 1,783.

MILITARY WORKS, No. 3.

As it appears from the accompaniment to this letter that the Government Bakery at Bangalore cannot be handed over to the Commissariat Department until the security of the machine-room and ends of verandahs in the upper-story of the building has been ensured by the provision of the tie-bars provided for in the estimate of Rupees 660, which came

*Proceedings of the Madras Government, Public Works Department,
6th July 1871.*

under the consideration of Government in Proceedings No. 1,338, dated 15th May, 1871, His Excellency the Governor in Council sanctions that estimate, and will allot the requisite funds in making appropriations from the Reserve under Military.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 5th Division.
" Controller of Public Works Accounts.
" Military Department.

N^o 224-A.

Superintg. Engineer's Office, 5th Divⁿ.
Madras, 27th January 1871.

Memorandum.

In G. O. 29th November 1866, N^o 3,797, the Right Honorable the Governor minutes to the following effect. I am "certainly under the impression that "some of the buildings are designed "with an unnecessary degree of solidity "but this costly and durable method of "construction is consistent with the "Standard plans now in force and the "presumption of Sanitary authority."

2. To the undersigned it would appear that the above remarks apply more particularly to the New Bakery, Bangalore, as they succeed almost immediately a reference to that building.

3. During the recent visit, however, of the undersigned to Bangalore he examined in company with Captain Wood R.E., the building alluded to, which

which has been built, as the Government are aware, with such want of care & skill that the Contractor was fined by the Executive Engineer, in the sum of Rs. 1000. for refusing to make good this bad work & for dilatoriness. This fine was subsequently remitted by the Government. Vide G.O. dated 14th January 1869, No. 100.

4. In spite therefore of the solidity of the design, it would appear that this building is constructed in a far from durable manner. The Arches at the end of the terraced Verandahs of the upper story show cracks & symptoms of weakness. The trusses of the roofs appear in many instances to have failed and to be failing. Indeed it is a question whether their design does not contain an element of self-destruction. Cracks appear at the corners of all the upper rooms, but the cracks that have the most appearance are precisely where the strongest work is required, viz. in the Machinery room. And it is open to very

grave doubt whether the walls of this room will stand, unaided, the vibration of the Machinery. —

5. Captain Wood was requested to submit a sketch & estimate of what he considered requisite in the way of iron ties, &c. for supporting this room, and it is very desirable that funds be allotted by Government for some such service in order that the walls may be securely braced up before the room is handed over to the Commissariat and the Machinery put into regular use. —

[Signed J. A. Roberts, Lt. Col. R.E.,
Adj. Suptg. Engr., 5th Div.]

[True Copy]

Forleau Colonel R.E.,
Superintg. Engineer, 5th Div.

N^o 35. Superintg: Engineer's Office, 5th Divⁿ.
Cuddalore, 23rd May 1891.

From, Colonel A. J. M. Poileau, M.E.,
Superintg: Engineer, 5th Divⁿ.
To, Colonel J. Carpendale M.E.,
Secretary to Government, I.W.D.

Sir,
There is no better way of
Enclosure
Copy of Colmel replying to the order of Government N^o
Collet's Memo: 1338, dated 15th May 1891, on the subject
of the necessity of the improvements
proposed to the Government Bakery
at Bangalore than by forwarding the
Memo. of instructions sent by my
predecessor to the Executive Engineer,
Bangalore on the subject, and this I
have the honor to do, &c. &c., Sir,
Your most obedient Servant.

A. Poileau Colonel M.E.,
Superintg: Engineer, 5th Divⁿ.

Enclosure No. 1 in letter

No: 35 of 23rd May 1891

from the Supg: Engr:
Govt. of the Deccan
to the Secy: to
Govt: I.W.D.

No. 4. 2373/71

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11783
Proceedings of the Madras Government

[Handwritten signature]

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176. E. No 3592²² June 11

176. E. No 3592²² June 11

NP

1871 Feb 24
Wm. D. Johnson study
1871 Feb 23/4

Dated 20/7

Enclosure 1.

Government & Liberty
not separate. —

Transcribing copy of a
Memo: if inclined to send
do the H^o: Eng^l: (sampled)
by Portonel respect in the
subject of the necessity of
P^l: in moments of

Manchlore. —
J: 1783-6. *St. J.*

under the consideration
of Government in Pro-
ceeding No 1338 dated
15th May 1871, His Excel-
lency the Governor in
Council sanctions that
estimate and will allot
the requisite funds in
making appropriation
from the Reserve under
military.

[Faint, mostly illegible handwritten text]

To the Secy. & Engrs. &c.
Controller
Atty. Secy.
Recd 8/7/71

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Govt. of 1871 Madras.

PUBLIC WORKS.

To the Superintendent Engrs.
5th Division

Dated

Recd.

G. O. 6th July 1871, No. 1783.

Nos. 664 67

For the Superintendent Engrs.

*As per order of the
Superintendent Engrs.
to the effect that the
of the same are to be
the same are to be
the same are to be*