

- (1) பக்கங்களின் எண்ணிக்கை _____
(2) புதுக்கித் திருப்பிய நாள் _____
(3) ஆதாரங் குறிப்பவர் சுருக்கொப்பம் _____

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

அரசாணை எண். 2115-16
மு. கோப்புத் தாள் எண். (2115-2116)
நாள் : 21-7-1896

அச்சகம்

பலவகை

199

மடிக்கவோ சுண்டபடி கையாளவோ கூடாது.

6236

Govt. of {18%} Madras.
PUBLIC WORKS.

Dated

Permt
Ur sent

Recd.

Encl.

G.O.

21/7/

1896

No.

2115-b.W.

to Houses, Madras

That the Govt. of India
requested to sanction
immediate commencement
of the work of
renovating the —, in
anticipation of the sub-
mission of complete estimates.

Requesting the special
authority of the Govt. of India
the work of renovating
— being immediately com-
menced in anticipation of
submission of com-
plete estimates.

W. H. P.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Lieutenant-Colonel C. C. RAWSON, R.E., Acting Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 9th July 1896, No. 1882.

With reference to paragraph 2 of G.O. No. 1824 W., dated 19th June 1896, I have the honour to report that the necessity for special repairs to Government Houses, Madras and Guindy, was the outcome of a letter received from the Military Secretary to His Excellency the Governor, who in sending a sample of dry rot removed from one of the beams in the Marine Villa, remarked that, "if the rest of the roof timbers were in the same state, the building must be in a dangerous state."

I directed a thorough examination of the roof timbers with the following results.

GOVERNMENT HOUSE, MADRAS.

Main Building.—The floors and roofs are terraced on teak beams and joists except the drawing-room and sky bed-room which have sloped roofs of Bengal terracing supported on teak trusses. In the first floor and terrace roof above second floor, the bearings of timbers were found to be in a very fair state of preservation, with the exception of a few joists the ends of which were decayed, which are being replaced. In the lower terrace roof above first floor, chiefly of the dining-room situated over the carriage porch and side verandahs, the beams and joists were found to be very much decayed; the whole of the timbers and terracing is being renewed. About three years ago nearly 40 joists and 3 beams were replaced. The roof here leaks much during rains; hence the cause of the decay of timbers.

Banqueting Hall.—Many of the joists supporting the floor are decayed at their ends, and are being replaced in the roof of the hall which is covered with Mangalore tiles; a number of rafters and some purlins are decayed and are being replaced.

Private Secretary's Office.—A few joists in the lower verandah were decayed at their ends and are being replaced; all the timbers in the upper storey are in good conditions.

Aide-de-Camp's Bungalow.—With the exception of two rooms and verandahs in the lower storey, the whole of the beams and joists supporting the floor are decayed and are being replaced; the timbers supporting the roof of the upper storey, which was constructed about ten years ago, are in good condition.

Out-houses.—The kitchen and store have terraced roofs supported on teak joists; some of them were found to be decayed. The east verandah of the head coachman's quarters has a Bengal terrace roof supported on palmyrah rafters; these are all much decayed, and the roof itself cracked; it is proposed to replace the palmyrahs with teak rafters and cover the roof with Mangalore tiles. The ends of many of the palmyrah rafters of the horse stalls are decayed; it is proposed to fix brackets and purlins to support these. The same is to be done to support the ends of the joists in the body-guard room.

Police Station near West Entrance Gate.—The roof of the verandah which was entirely of wood was found to be much decayed; Mangalore tiles are to be substituted on teak rafters.

Marine Villa.—A few of the joists supporting the terrace floor are decayed at their ends; they will be replaced, but the whole of the timbers supporting the terrace roof (except those in the south verandah which appear to be of a more recent date) are in an advanced state of decay, the wall plates imbedded in the wall on which the ends of the joists rested were entirely reduced to powder. It is found necessary to remove the whole of the timbers and terrace, and re-terrace with new teak beams and joists.

GOVERNMENT HOUSE, GUINDY.

Main Building.—The joists to the ground floor of passage between second and third blocks are of palmyrah; most of them are decayed and few have already left the roof. It is proposed to remove the palmyrah joists and to insert teak joists instead, without removing the terrace. In the passage between first and second blocks the teak rafters are not only decayed, but also sagged very much. Provision is made to remove the roof and joists and to replace the same. This is all the special repairs to the main building itself.

Military Secretary's Office.—The verandah has a Bengal terrace, a portion of which is supported with palmyrah joists; these joists are partially decayed and are not strong enough to support the roof, many of the joists show signs of twisting; provision is therefore made for removing that portion of the Bengal terrace verandah supported by palmyrah rafters, and replacing the same with teak rafters, the same as the other portion of the verandah.

Kitchen.—This comprises not only kitchen, but stores, servants' godowns, &c.

The roof of the verandah in the court-yard is of flat and pan tiles with palmyrah rafters. The rafters are completely decayed, the outer shell of hard wood only remaining, and the ends which enter the wall are completely eaten away in most of the rafters. Three out of the four valley rafters are decayed at the end where they are fixed in the wall. The bressummers are in good order. It is proposed to replace the palmyrah rafters by teak, as good palmyrah cannot be had in the local market at present.

The main rooms of the kitchen are terraced, the timber work of which are decayed at the ends including the beams. Provision has been made for removing and replacing the terrace over these four rooms and for new teakwood. Most of the old joists which are rotten at the ends only will be utilized on other works in Guindy Park, for which provision has been made in other estimates.

Creepers Stands.—These were of teakwood, and during the past ten years were twice replaced; so it is proposed to erect them of wrought iron.

Cisterns.—The lotus cistern is about 70 feet in diameter, but very shallow; consequently the Victoria Regia lotus cannot be got to grow to any perfection, so it is proposed to sink four wells 4' deep in the bed of the cistern for the lotus plants.

The other lotus cistern near the fern-shed leaks so badly that it is difficult to keep any water in it; provision is therefore made for plastering the same with cement. The Military Secretary asked that the creepers stands and cisterns be attended to.

Stables.—The roof is covered with flat and pan tiles supported with palmyrah couples. The couples are completely decayed, the ends of most of them where they enter the wall are eaten up and have sunk, a few pieces nailed on to strengthen them, and some of the collar pieces have already fallen down.

During the past ten years two sides of the stables were raised and improved, and it is only this one side that now remains to be done. Owing to the difficulty in getting good palmyrahs it is proposed to use teakwood instead. A portion of the roof has palmyrah reepers; these are completely decayed, so much so, that the flat tiles keep falling down.

Servants' Quarters.—Provision is made for re-roofing two of the oldest blocks which are in a very shaky condition. The roof consists of pan tiles supported with palmyrah couples with a ridge ventilator. The couples are twisted, the palmyrahs are much decayed, only the outer skin remaining. Provision is made for re-roofing

these two blocks with the best of the palmyrahs to be removed from the kitchen and the stables, but I fear the requisite quantity will hardly be had from the buildings above referred to.

Gate Lodges.—These are all terraced, but the teak joists are so rotten at the ends that, with a single crack of a hammer, every one of them can be removed. Provision is made for removing and replacing the terrace and for using the old teak that is to be removed from the kitchen.

Farm-yard—This is the oldest building in Guindy Park, and most of the buildings forming it are in bad order. The building called the Superintendent's office is two-storied, the joists to the lower storey are decayed at the ends and are supported by purlins along the wall. The joists in the upper storey are also in much the same condition. Last year three joists completely left the roof and were replaced with new joists. The Superintendent's quarters in the farm-yard is in a worse condition. Here also the joists can be removed with very little force. Godowns are covered over with flat and pan tiles supported by palmyrah rafters which are much decayed, the roof outside having a wavery appearance owing to the rafters having sunk in places.

Eastern Bungalow.—In this bungalow two of the Aide-de-Camps to his Excellency the Governor reside. This roof consists of flat and pan tiles supported by palmyrah rafters which are all decayed, especially those over the main rooms. The ends where they enter the wall are completely eaten away and are supported by purlins running along the wall. Provision is made for removing this roof entirely and for placing a Mangalore tiled roof instead with a teak ceiling. The roof supports to be of teak.

ORDER—No. 2115 W., dated 21st July 1896.

His Excellency the Governor in Council is of opinion that, under the circumstances brought to notice in this letter, it is desirable that no time should be lost in renovating these residences which have been allowed to fall into a state of disrepair which threatens their safety in some cases. The estimated cost of these repairs, which must, in some cases, be regarded as "special," is likely to exceed the limit of expenditure (Rs. 15,000) prescribed in paragraph 10, chapter VI, Volume II of the Public Works Code. The sanction of the Government of India will accordingly be requested to the immediate commencement of the work of renovation, in anticipation of the submission of complete estimates of the cost; a schedule of which should be framed and submitted by the Consulting Architect on account of each residence, separately.

[Here enter No. 2116 W., dated 21st July 1896.]

(True Extract.)

Under Secretary to Government.

To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Military Secretary to His Excellency the Governor.

Ext. T. K. Narayana Aiyangar.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of {1896} Madras.

PUBLIC WORKS.

Dated July, 21st.

Recd.

Encl.

G.O. No. 2115 W., 21st July 1896.

JULY.

Government Houses, Madras

Ordered that the Government of India be requested to sanction the immediate commencement of the work of renovating the —, in anticipation of the submission of complete estimates.

No. 2116 W., 21st July 1896.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

LETTER—from

THE HON'BLE COLONEL D. McNEIL CAMPBELL, R.E.,
Joint 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 the information of the Government of India, the accompanying copy of Proceedings of this Government, No. 2115 W., dated 21st July 1896, from which it will be seen that the residences of His Excellency the Governor, and connected buildings, at Madras, have fallen into a state of disrepair, which in some cases must affect their safety. It is, in the opinion of His Excellency the Governor in Council, desirable that no time should be lost in restoring these buildings and putting them into a condition of safety. The present time, while His Excellency is residing at Ootacamund, is the most convenient for carrying on the work. I am accordingly to request the special authority of the Government of India to this work of renovation being immediately commenced, in anticipation of the submission of complete estimates; the amount of which is almost certain to exceed the limit of Rs. 15,000 for each residence, prescribed in paragraph 10, chapter VI, Volume II of the Public Works Code.

2. I am to add that a complete schedule of expenditure on each residence will, in due course, be laid before the Government of India for formal sanction.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Joint Secretary to Government.

OOTACAMUND,
21st July 1896.

Exd. T. K. Narayana Aiyangar.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1896} Madras.
PUBLIC WORKS.

Dated July, 21st.

Recd.

Encl.

No. 2116 W., 21st July 1896.

JULY.

Government Houses, Madras

Requesting the special authority of the Government of India to the work of renovating the — being immediately commenced, in anticipation of the submission of complete estimates.

No. 1882

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
9th July 1896.

1 Pica

From

Lieut. Col. A. G. Consulting Architect
to the Government of Madras,

To

Engineer
The Chief Public Works Department.

Sir,

enclosures.

The reference to para 2 of G. O.
No. 519 June 1896, I have the honor
to report that the necessity for special repairs
to Government House, Madras & Quindry
was the outcome of a letter received from the
Military Secretary to His Excellency the
Governor who in sending a sample of
dry rot removed from one of the beams in
the Marine of timbers were in the same
state the building must be in a dangerous
state."

I directed a thorough examination
of the roof timbers with the following results:
Government House, Madras.
Main Building. The floors & roofs are

terraced in teak beams & joists. except the drawing room & sky bed room which have sloped roofs of Bengal terrace being supported on teak trusses. In the first floor & terrace floor & terrace roof above second floor, the bearings of timbers were found to be in a very fair state of preservation with the exception of a few joists the ends of which were decayed which are being replaced. In the lower terrace roof above first floor chiefly of the dining room, situated over the carriage porch and side verandahs, the beams & joists were found to be very much decayed, the whole of the timbers & terracing is being renewed - about 3 years ago nearly 40 joists & 3 beams were replaced. The roof here leaks much during rains hence the cause of the decay of timbers.

Banqueting Hall.

Many of the joists supporting the floor are decayed at their ends and are being replaced, in the roof of the Hall which is covered with Mangalore tiles a number of rafters and some purlins are decayed and are being replaced.

Private Secretary's Office.

A few joists in the lower verandah were decayed at their ends and are being replaced, all the timbers in the upper story are

are in good condition.

Aide de Camp's Bungalow.

With the exception of two rooms & verandahs in the lower story the whole of the beams & joists supporting the floor are decayed and are being replaced, the timbers supporting the roof of the upper story, which was constructed about 10 years ago, are in good condition.

Out Houses.

The kitchen and store have terraced roofs supported in teak joists some of them were found to be decayed. The East verandah of the Head Constables quarters has a Bengal terrace roof supported in palmirah rafters, these are all much decayed, and the roof itself cracked, it is proposed to replace the palmirahs with teak rafters and cover the roof with Mangalore tiles. The ends of many of the palmirah rafters of the horse stalls are decayed, it is proposed to fix brackets & purlins to support these. The same is to be done to support the ends of the joists in the body guard room.

Police station near West Entrance Gate.

The roof of the verandah which was entirely of wood was found to be much decayed, Mangalore tiles are to be substituted on teak rafters.

Marine Villa

A few of the joists supporting the terrace floor are decayed at their ends, they will be replaced, but the whole of the timbers supporting the terrace roof (except those in the South Serandah which appear to be of a more recent date) are in an advanced state of decay, the wall plates imbedded in the wall in which the ends of the joists rested were entirely reduced to powder. It is found necessary to remove the whole of the timbers & terrace and terrace with new teak beams & joists.

Government House, Guindy Main Building

The joists to the ground floor of passage between 2^d & 3^d blocks are of palmirah, most of them are decayed & a few have already left the roof. It is proposed to remove the palmirah joists and to insert teak joists instead without removing the terrace. In the passage between 1st & 2^d blocks the teak rafters are not only decayed but also sagged very much. Provision is made to remove the roof & joists and to replace the same. This is all the special repairs to the main place, all minor repairs

Building itself

Military Secretaries Office

The Serandah has a Bengal terrace a portion of which is supported with palmirah joists, these joists are partially decayed and are not strong enough to support the roof, many of the joists show signs of twisting, provision is therefore made for removing that portion of the Bengal Terrace Serandah supported by palmirah rafters & replacing the same with teak rafters, the same as the other portion of the Serandah.

Kitchen

This comprises not only kitchen but stores, servants' godowns &c.

The roof of the Serandah in the Court yard is of flat & pan tiles with palmirah rafters. The rafters are completely decayed the outer shell of hard wood only remaining & the ends which enter the wall are completely eaten away in most of the rafters.

Three out of the four valley rafters are decayed at the end where they are joining

in the wall. The brasses are in
good order. It is proposed to replace the
palmirah rafters by teak as good palmirah
cannot be had in the local market at present.

The main rooms of the kitchen
are tenanted the timber work of which are decayed
at the ends including the beams. Provision has
been made for removing & replacing the terrace
over these 4 rooms and for new teak wood. Most
of the old joists which are rotten at the ends only
will be utilized on other works in Grindy park
for which provision has been made in other
Estimates.

Creeper stands

These were of teakwood and during the
past ten years were twice replaced so it is proposed
to erect them of wrought iron.

Cisterns

The lotus cistern is about 70 ft in dia:
but very shallow consequently the *Natoria*
Regia lotus cannot be got to grow ^{to} any per-
fecture so it is proposed to sink 4 wells 4 deep
in the bed of the cistern for the lotus plants.

The other lotus cistern near the fern
leaks so badly that it is difficult to keep
any

any water in it, provision is therefore made for plastering the same with cement. The Military Secretary asked that the creepers stands & cisterns be attended to. 24

Stables

The roof is covered with flat span tiles supported with palmarah couples. The couples are completely decayed, the ends of most of them where they enter the wall are eaten up & have sunk, a few pieces nailed on to strengthen them and some of the collar pieces have already fallen down.

During the past ten years 2 sides of the stables were raised and improved and it is only this one side that now remains to be done, owing to the difficulty in getting good palmarahs it is proposed to use teakwood instead. A portion of the roof has palmarah rafters these are completely decayed, so much so, that the flat tiles keep falling down.

Servants quarters

Provision is made for re-roofing 2 of the oldest blocks which are in a very shabby condition. The roof consists of span tiles supported with palmarah couples with a ridge ventilator. The couples are twisted, the palmarahs are much decayed, only the outer skin remaining

Provision

Provision is made for re-roofing these two blocks with the best of the palmirahs to be removed from the kitchen & the stables but I fear the requisite quantity will hardly be had from the buildings above referred to.

Gate Lodges.

These are all tenanted but the teak joists are so rotten at the ends that with a single crack of a hammer every one of them can be removed. Provision is made for removing & replacing the terrace & for using the old teak that is to be removed from the kitchen.

Farm Yard

This is the oldest building in Grindley Park and most of the building forming it are in bad order. The building called the Superintendent's office is two storied, the joists to the lower storey are decayed at the ends and are supported by purlins along the wall. The joists in the upper storey are also in much the same condition. Last year 3 joists completely left the roof and were replaced with new joists. The Superintendent's quarters in the farm yard is in a worse condition. Here also the joists can be removed with very little force.

7
godowns are covered over with flat span tiles supported by palmirah rafters which are much decayed, the roof outside having a wavy appearance owing to the rafters having sunk in places. 59

Eastern Bungalow.

In this Bungalow two of the Aide. de. Camps & His Excellency the Governor reside. This roof consists of flat span tiles supported by palmirah rafters which are all decayed especially those over the main rooms. The ends where they enter the wall are completely eaten away and are supported by purlins running along the wall. Provision is made for removing this roof entirely & for placing a Mangalore tiled roof instead with a teak ceiling. The roof supports to be of teak.

I have the honor to be
Sir

Your most obedient servant

C. Lawrence

7.7.96 Lt. Colonel M. L.

By: Consulting Architect
to Government

N^o 2115 W. dated 21 July 1896

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Chief Architect (H.E. N^o 1882 of July 9th 1896)

His Excellency the Governor in Council is of opinion that, under the circumstances brought to notice in this letter, it is desirable that no time should be lost in renovating these residences which have been allowed to fall into a state of disrepair which threatens their safety in some cases. The estimated cost of these repairs, which must, in some cases, be regarded as "special," is likely to exceed the

D.H. 16.7.96

limit of expenditure
(Rs. 15,000) prescribed in
para 10, Chap. VI, Volume
II of the P. W. Code. The sanction
of the Government of
India will accordingly be
requested to the immediate
commencement of the work
of renovation, in anticipation
of ^{the} submission of complete
estimates of the cost;
a schedule of which should
be framed and submitted
by the Engrs. Architects on
an account of each residence,
separately.

(H.E. S. 2116 W a/21 July 96)

To,
The Secy. to the
Govt of India, P.W. Dept. Bhop

Sir, I am directed

Engrs. Architects
Bhopal P.W. Dept.
Under Secy. to H.E. the Govt.

994
16.7.96

to forward for the information
of the Government of India
the accompanying copy of
Proceedings of this Council
No 2115 W of 21 July 1896
from which it will be seen
that the residences of
His Excellency the Governor,
and connected buildings,
at Madras, have fallen
into a state of disrepair
which in some cases must
affect their safety. It is,
in the opinion of His
Excellency the Governor in
Council, desirable that
no time should be lost
in restoring these buildings,
and putting them into
a condition of safety. The
Honble F. A. S. P. S. S.

Sir,

H.B.

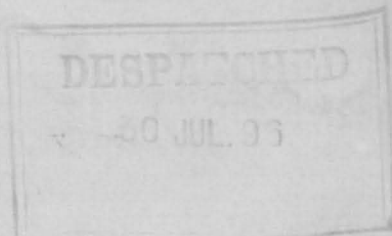
Excellency is residing at
Ootacamund, is the most
convenient for carrying out
the work. I am accordingly
to request the special
authority of the Govt of
India to this work of
renovation being immediately
commenced in anticipation
of the submission of complete
estimates; the amount of
which is almost certain
to exceed the limit of
Rs 15,000 for each residence,
prescribed in para 10,
Chap. VI, Vol. II of the M. Code.

I am to add that a
complete schedule of expenditures
in each residence will, in
due course, be laid before the
Govt of India for formal sanction.

Expenditure on ren-
ovating Government
Houses, Madras.

Urgent

Print
urgent



T. S.
B. C. M.

Manuscript recd
21/7/93

INDEXED
24/7