M.R.O. 1—77,006—3-6-37.

(1) Number of pages 20

(2) Date of repair 4-7-1938

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works. **DEPARTMENT.**

G.O. No. 2826. Press Mis.

133-34

Dated 8 - 11 - 1871.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 8th November 1871.

No. 133. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 7th October 1871, No. 2,130:—

I HAVE the honour to forward copy of letter No. 115, dated the 13th ultimo, from the officer in charge of No. 1 Range, Ganjam, reporting the falling in of the roof of the Anglo-vernacular School-house.

2. I have not yet had an opportunity of seeing this building; but it appears from Supervisor Ramiah's report, the late Range Officer, Mr. Irving, substituted a couple roof for the truss roof sanctioned in the estimate, and I can find no authority sanctioning this proceeding of his. It appears from the span of the building, 21 feet, to have been a most hazardous proceeding. Fortunately no accident occurred when the roof gave way. I now beg to recommend Supervisor Ramiah be permitted to send in a design for reconstructing the building from the basement.

3. As soon as I am able to leave this district, I will proceed to Chicacole and make an examination of the work. In my letter to Government of the 22nd March 1871, No. YY, printed with G. O. of the 15th April 1871, No. 1,056, I had to report very unfavourably of some of the works at this station.

No. 134. ORDER THEREON, 8th November 1871, No. 2,826.

CIVIL WORKS, No. 5.

THE Superintending Engineer of the 1st Division will submit a plan and estimate for reconstructing the Anglo-vernacular School-house from the basement; but sanction to the work will be withheld until Major Fischer has personally inspected and reported on the site and foundations. From the reports now made there can be little doubt that the failure of the building is due to the very reprehensible conduct of Lieutenant and Sub-Engineer H. Irving, the late Range Officer, in substituting a couple for the sanctioned truss roof. The Government desire to be furnished with a full report, showing the date of commencement and completion of the building, and under whose superintendence it was constructed; also whether the alteration in the design of the roof was reported to, and approved of, by the Superintending Engineer; what is on record on the subject, and on what dates while in progress the building was inspected by the Superintending Engineer. Extracts from the Superintending Engineer's inspection reports on the subject should be submitted.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Acting Superintending Engineer, 1st Division.
,, Educational Department, with reference to G. O. in that Department, dated 5th October 1871, No. 294.

Exd. S. T. Augustin.

No 1829
2867/68

3

To,
The A.S. Inspector of Schools
1st Division

Sir,

With reference to your Memo No 181 dated 28th August 1867 I have the honor to state for your information that I have inspected the Vernacular School at Chicacole and found Varandah to leak badly in many places, and also many cracks appeared over the Varandah roof and walls.

This building was constructed under the superintendance of Lieut H. Irving the late Range Officer. I think it is far better to tile the whole of the Bengal roof of the Varandah than to repair it with Chunam and Tar.

The rafters of the Couples are touching each the side walls of the Building as the tie beams of the entire roof being not properly and strongly joined with the couple rafters which was alone the cause of Cracking walls consequently I propose to remedy this irregularly by laying 2 wooden pieces of 96 ft in length 4 inches broad and 4 inches thick on both sides along the outer edges of the side walls under Cornice work and then tie these at every 10 feet in length with iron bars of 1 Inch diameter which should pass from one end to the other of the walls duly screwed at the ends. Cracks in the walls can be filled with Key Stone Brick jelly and Chunam and reamong the tiles so that there may not be leakages.

I

I recommend the above repairs may be executed at an early date before it's coming down to dangerous state.

Chicacole 14th Sept. 1867

/Signed/ A. S. Mainal Supr.
In charge 1st Range

(True Copy)

/Signed/ A. S. Mainal Supr.
In charge 1st Range

(True Copy)

Lt. Col. Maj. Rl.
Acting Chief Engineer 1st Dr.

Dated 18/9/67

5

From

Overseer V. Narrainswamy

To

The Supervisor in charge
No. 1. Range. Ganjam

Dated 13th September 1867.

Sir,

I beg to acknowledge the receipt of your Official Memo No. 341 dated 12th Instant and in reply, to inform you that in the Estimate for the Government School at Chicacole, truss roof had been provided for, but the reason for using Couples in constructing the same is, because beams suitable for trusses were not procurable in this vicinity. This was duly reported by me to my Superior Mr. Sub Engineer Irving, then in charge of this Range, who obtained a supply of beams from the Forest Department, which being slender and rotten proved useless for the trusses. Mr. Irving permitted me in consequence to use Couples in lieu of the trusses provided for in the Estimate which I did accordingly. This I did under the orders of my Superior and not at my option. I had not the power to do it optionally. All the works in the town of Chicacole were under the immediate supervision of my Superior for which I had only

at an
dange
Chicac
14th S

to pay Cooles for removing & removed
from Circuit to Chicacole

16/9/71 Narrainswamy
Taluq Overseer

True Translation

Chicacole 16th Sept. 1871

H. Teichmann Major R.E.
Asg. Superintending Engineer
1st Division

No 115
1871/72

Office of 1st Range
Chicacole 13th Sept. 1871

From

The Supervisor
In charge No 1 Range
Ganjam District

To

The Superintending Engineer
1st Division

Sir,

I beg to report that half of Chicacole Anglo Vernacular School roof fell down suddenly partly yesterday evening and partly today morning and the rest of the roof also appearing to be fall down in a day or two. Great danger would have happened to school boys and Masters, if they were under that part of the roof at the time. I have written to the Deputy Inspector of Schools of the District who is now present at Chicacole to remove school at once from the building. Rafters which are very weak at the spots where the beams were improperly joined broken down all along. I am sure this work was not done by a skilful workman.

After finding that couple rafter roof is built to school contrary to its sanctioned original Estimate in which a trusses roof is provided. I have written a Memo. to Taluq Overseer Narrainswamy under whose superintendance the

work was carried out to its completion during the time of late Range Officer Mr. Sub Engineer Irving to let me know the cause of altering the description of roof without authority. In answer to my Memo dated 7th March Irving states that he did it in accordance with Mr. Irving's directions. I do not know how Mr. Irving can direct to construct this sort of Roof to a building breadth of which exceeds 18 ft. and extends 24 feet. If couple Rafters are placed even the work was not done artificially and carefully.

After I came to this Range in Dec. 66 I have on 24th September 1867 written a letter No 182 to the then Inspector of Schools 1st Division which if read the condition of the construction of the building can be plainly ascertained. If I would have not repaired this building in 1867 by laying Iron bars from wall to wall and screw at the ends, the whole of the building together with walls would have fallen down a long time before this. I am serving in this Department since 27 years but never seen such building which fell down in 5 years time from its completion.

If this building is to be constructed again it will be necessary to remove walls and every thing, and rebuild it using some of the old materials which may be considered to be useful and it will take above Rupees 3,000.

Beg to remain Yours obt
/Signed/ A Ramiah Supt.
In charge 1st Range

(True Copy)
W.T. Taylor Major RE
Acting Supt Engineer 1st Division

× Urzee enclosed

× True Copy enclosed

SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION.

DOWLAISHWARUM, 7th October 1871.

No. 2130

From

Major J. F. Fischer R.E.

Acting Superintending Engineer

1st Division

To

Colonel J. Carpendale R.E.

Secretary to Government D. P. W.

MADRAS

SIR,

I have the honor to forward copy of Letter No. 115 dated the 13th Ultimo, from the Officer in charge of No. 1 Range Ganjam, reporting the falling in of the roof of the Anglo-Vernacular School House.

2. I have not yet had an opportunity of seeing this building, but it appears from Supervisor Ramiah's Report, the late Range Officer, Mr. Irving, substituted a couple roof for the truss roof sanctioned in the Estimate, and I can find no authority sanctioning this proceeding of his. It appears from the Span of the Building, 21 feet, to have been a most hazardous proceeding. Fortunately no accident occurred when the roof gave way. I now beg to recommend Supervisor Ramiah be permitted to send in a design for reconstructing the building from the basement.

As

Enclosures unable
No. 2130 dated
7th October from
the Superintending Engineer
1st Division Ganjam
to the Secretary to Govt.
D.P.W. Madras
dated 7th Oct. 1871

3. As soon as I am able to leave this District, I will proceed to Chicacole and make an Examination of the work. In my letter to Government of the 22d March 1871 No 353. printed with G. O. of the 15th April 1871 No 1056 I had to report very unfavorably of some of the works at this Station.

I have the honor to be

Sir

Your Most Obt. Servant

Wm. F. Fletcher Major R.E.

Acting Superintending Engineer

1st Division

15 April/71 - No 174-179

P. Dr. 1871 Departmt
From Pro: of Govt for Novr
Dec 4876

The Agt Superintending Engineer
1st Division

To The Secretary to Government
D. P. W.
Madras

Dated 7th October 1871.
Recd 13
No 2130

Encls: three

Forwards copy of letter from the Officer in charge of the Kistna Range Gangaiee reporting the falling in of the roof of the Anglo Vernacular School house at Chicacole & requests the Range Officer may be permitted to send in a design for reconstructing the building from the basement.

No 133

No 2826-8 Novr/71.

Copies of Cols in Ex 27

Copies of Cols in Ex 15

No 2826

The Superintending Engineer of the 1st Dn will submit the plan and estimate for reconstructing the Anglo Vernacular School house from the basement but sanction to the work will be withheld until Major Fisher has personally inspected and reported on the site and foundations.

From

I enclose draft of a letter which is a copy of one addressed to the Educational Dept. by Mr. Dinkin some time ago. If so, I should like you to send it upon this after you sign it.

From the reports now made there can be little doubt that the failure of the building is due to the very reprehensible conduct of Executant and Sub Engineer H. Irving the late Range Officer in substituting a couple for the sanctioned truss roof.

The Government desire to be furnished with a full report showing the date of commencement

commencement and completion of the building and under whose supervision it was constructed. also whether the alteration in the design of the roof was reported to and approved of by the Superintending Engineer; what is on record on the subject and on what dates while in progress the building was inspected by the Superintending Engineer. Extracts from the Superintending Engrs inspection reports on the subject should be

C- No. 4896-

Govt. of [1871] Madras.

PUBLIC WORKS.

To The Acting Superintending Engineer 1st Division

Dated

Recd. Encl.

G. O. 8 Novr 1871. No. 2826.

Nos. 133 & 134

Anglo Vernacular School at Chicacole Ganjam

Plans and Estimate for re-constructing the building called for-