

(1) Number of pages 16
 (2) Date of repair 14. 11. 86
 (3) Initials of the Referencer lwa

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

RW DEPARTMENT

G.O. No.	<i>2104 W</i>	Press.
B.P. No.		Mis.
Dated	<i>11. 8. 1879</i>	<i>187</i>

1009

Not to be folded or roughly handled

2104

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

11th August 1879, No. 2,104 W.

Buildings and Roads.
Civil Works.

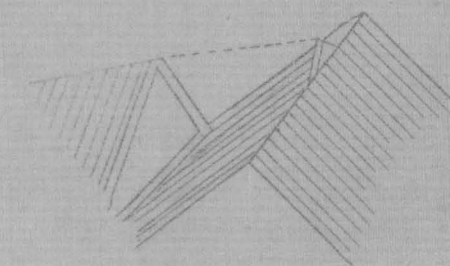
Read the following paper :—

No. 77. From R. F. CHISHOLM, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, Buildings and Roads Branch, dated Chepauk, 2nd August 1879, No. 243.

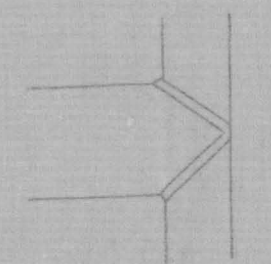
I HAVE the honor to report that I made my annual inspection of the Lawrence Asylum main buildings on the 16th ultimo.

2. The defective gutters above the hospital have been most carefully renewed by the Executive Engineer, Ootacamund, but the great variations of temperature crack the lead at the joints. In two or three places the lead has cracked across and opened one-sixteenth of an inch, these cracks require to be continually soldered.

3. The tiling throughout appears to be satisfactory, but I am in doubt as to how long it will remain so. The tiles were laid by Colonel Farewell on continuous sheet iron; this so long as the iron lasts is perfect, but a leak in the school-room roof would indicate that the water has in some way got through the iron. There are one or two places in the roof wrongly constructed; these leak, and will, I fear, always leak until they are altered. I allude to a piece in the south-east corner and a piece over the Principal's residence, where the slope of one side of the roof drains against the gable wall.



These two places should be corrected by running the roof forward and draining by two angle gutters.



4. The tower appears to stand the extremely high winds very satisfactorily and shows no signs of movement. There are upwards of twelve pieces of glass broken in the tower; these should be replaced; a large quantity of rain pours in and keep the walls damp.

5. It would be well each year to flash some portion of the building where roofs join walls. As lead is expensive I would suggest doing a piece each year until the whole is done. Wherever a roof joins a wall, either flat or sloping, the dampness beneath shows that a certain quantity of moisture finds its way in, and lead flashing is the only cure. It would be well also to provide a leaden gutter on the west side of the Principal's house roof, and to lead the water off to the south-west corner of the flat.

6. The rain beats through the south-west face of the Nurse's quarters. The brick of this face should be silicated, and if this process answers the whole of the west face of the building should be similarly treated.

7. The column in the porch seems to me weak; it should have been of stone; it would be well to watch it, and if it shows signs of weakness the arches should be propped on either side and the column renewed in stone.

8. With the idea of making the place look finished some one has introduced paper imitations of painted glass in the dining-room central light. The damp has destroyed the colors, and the whole presents a faded and dilapidated appearance. Now that the art of glass painting is practised at the local School of Arts, it would be an encouragement to order a properly painted window. It would not cost more than from 400 to 500 rupees.

9. All the woodwork, masonry and plaster work remains substantial and good, but the floors are of too soft a material to withstand the wear and tear of some three or four hundred boys. I can suggest nothing cheap as a substitute.

No. 78. ORDER THEREON, 11th August 1879, No. 2,104 W.

This report will be communicated to the Superintending Engineer, Fourth Circle, for such action as he may consider necessary.

2. In future such inspections will, in accordance with G.O., No. 2,476 W., dated 13th June 1878, be left to the local officers of the Public Works Department.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle.
„ Consulting Architect.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1879] Madras.
PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEER,
FOURTH CIRCLE.

Co. No. 80

Dated August 11/79.

Issued

Recd.

Encl.

G. O. 1125 August 1879, No. 2164 W.

AUGUST.
Nos. 77-78.

Lawrence Asylum Buildings.—The Consulting Architect's annual report of inspection of the same, communicated to the Superintending Engineer, Fourth Circle, such inspections in future to be left to the local officers of the Public Works Department.

ROADS AND BUILDINGS.

No. 243

CONSULTING ARCHITECT'S OFFICE,

Chennai, 2nd Augt 1879.

2109/79

From

THE CONSULTING ARCHITECT TO GOVERNMENT,

To

THE CHIEF ENGINEER, PUBLIC WORKS DEPARTMENT,
BUILDINGS AND ROADS BRANCH.

SIR,

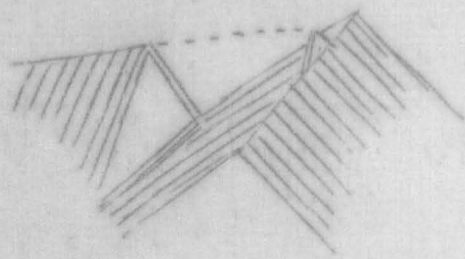
Enclosures.

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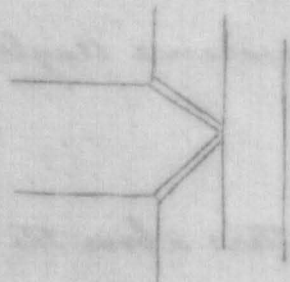
2 The defective gutters above the hospital have been most carefully renewed by the Executive Engineer at Ootacamund but the great variations of temperature crack the lead at the joints. In 2 or 3 places the lead has cracked across and opened $\frac{1}{2}$ of an inch, these cracks require to be continually soldered.

3 The tiling throughout appears to be satisfactory but I am in doubt as to how long it will remain so. The tiles were laid by Mr. Foxwell on continuous sheet iron this so long as the iron lasts is perfect, but a leak in the school room roof would indicate that the water has in some way got through the iron. There are one or two places in the roof wrongly constructed these leak and will I fear always leak until they are altered. I

allude to a piece in the South East corner and a piece over the Principal residence where the slope of one side of the roof drains against the gable wall



These two places should be corrected by running the roof forward and draining by two angle gutters



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4
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suggest nothing cheap as a substitute

I have the honor to be

sin

Your most obedt. servant.

W. L. G.

Long Arch. to Governor

90-2476-13-6-78

P.W.D.

21379

ROADS AND BUILDINGS.

From
The Consulting Architect
to Government,

To
The Chief Engineer, P. W. Department,
Buildings and Roads Branch.

Per 2104 of 11-8-79

No. 243

Dated 2nd August 1879.

Received

No. OF ENCLOSURES.

*Annual Inspection report
Lawrence Asylum.*

77

*Cir 6-8-79. Put 8-8-79.
Co. Oct 11-8*

P. W. DEPARTMENT-1879-80.

MEMORANDUM.

Current No. *5714*

Letter Number *243*

dated the *2nd August 1879*

from the *Consulting Architect to Govt.*
Supg. Engineer of

S. W.

*There is nothing to
show the authority under
which this inspection was
made by the Consulting
Architect. According
to G.O. No. 2476 W of 13th
June 1878, it was left
to the District Engineer
to do so. vide proposed
draft order.*

S. W.

S

*Commit. - but I presume
Mr. C made some
instantaneous arrangements
6/8/79*

90. 2476 W-13-1-78

Aug 11-8-79 No 2104 W

To Coly 11-8-

B & R
C works

No. 2104 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 11th Aug 79

Read the following:—

From
The Consulting Architect
to Government } (N.E. 243 d/ 2nd August 1879)

This report will be
communicated to the Super-
intending Engineer South
Circle for such action as he
may consider necessary.

2. In future such inspections
will, in accordance with G.O.
No. 2476 W dated 13th June
1878, be left to the local
officers of the
Public Works Department.

28
13

To The S. E. 4th H ✓
Consy Architect 3 ✓

Despatched
22-8-79

W. H. S.

S
4.8

Att

6/8/79

Hon. W. M. Brewster

Cir 6-8-79. Put 8-8-79.

to Octy 11-8-79

to Octy 11-8-79

Cir 3714

Govt. of 1879 Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O. 11 Aug 1879, No. 2104

Nos. 77-78

Laurence Asylum building
The Curd Architects' annual
report of inspection of the
Cannal & the Dry Smith
Circle; such inspections
in future to be left to the
local Offices of the M. Dep.