

Public Works (1897) Department.

G.O., No. 2056 W

DATED 12 October 1897

[Despatch Abstract.]

Police Station House at Tavarau Kurucki, Tréhi-
hopoly St.: Letter from S.E. M. (in) reporting
on the cause of failure of the — constructed by
the P.W.D. in 1884, recorded.

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24
12/10/97

[illegible]

Station House at Java-
ranenrichi. constructed
in 1884. Reports as to
the cause of failure of
the —

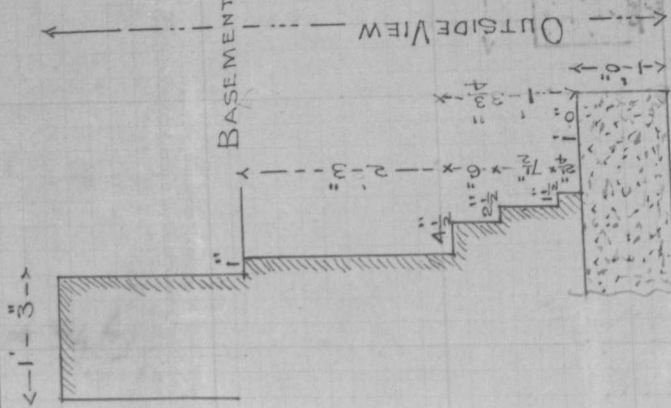
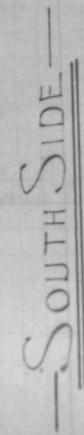
0.25415

189/10

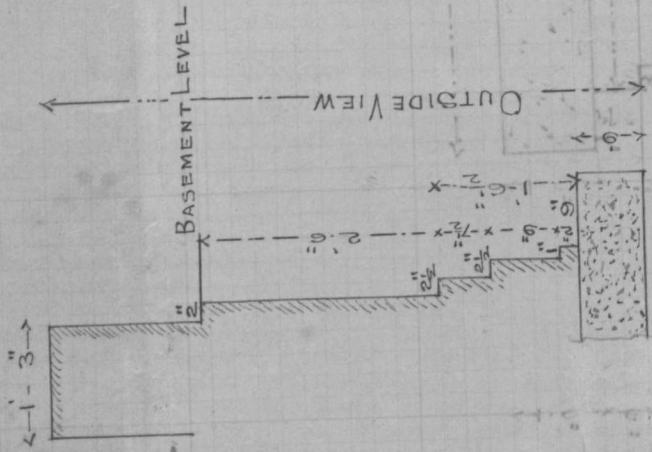
BACK PAPERS.

FURTHER PAPERS.

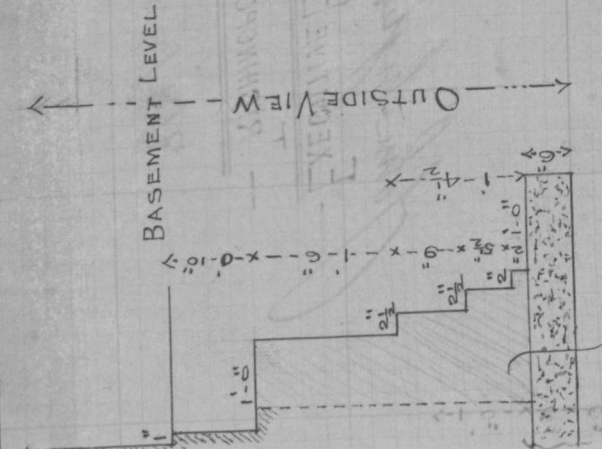
—SECTION OF FOUNDATION AS EXECUTED



— NORTH SIDE —



EAST SIDE



NOTE → THE PORTION WITHIN THE DOTTED LINE HAS BEEN BUILT (IT IS SAID) BY THE POLICE AUTHORITIES AS A SUPPORT TO THE WALL CRACKED IN REAR

SECTION OF FOUNDATION AS SANCTIONED



John. Hughes
—EXECUTIVE E
T

— RICHINOPOLY DIVISION —

8/8/97

TRICHINOPOLY
KULITALAI
TAL
DIVI

TERRACE

ELEVATION (VENETIANS REMOVED.)

DETAILS OF
VERANDAH SUPPORTS.

PEGS FOR AGG. TREATMENTS.

DETAILS OF ARM RACK

SECTION

EMT10N

FASTENING + REASIZING AT C

TONELIX-42

TONELIX-42

ELEVATION

SECTION

FRANCE DOOR.

DOOR

—

ELEVATION

EXTERIOR ELEVATION

FLUATION

PLAN

1. 100

D^o. SUB SOIL- STIFF FARTU
D^o. SUB SOIL- R-V FARTU MIXED WITH SAND

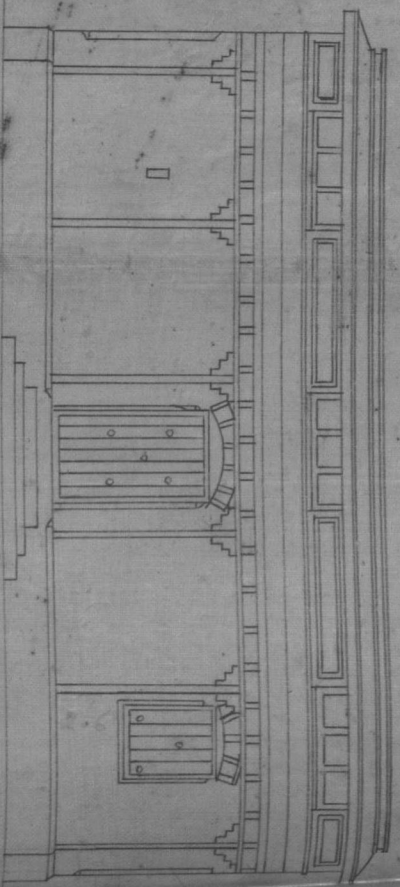
Amount of Estimate Budget

1655

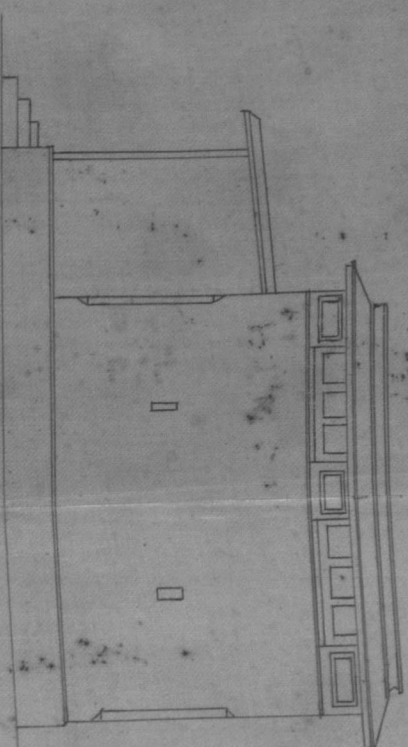
EXECUTIVE ENGINEER

W. H. Rader
Major, R.E.

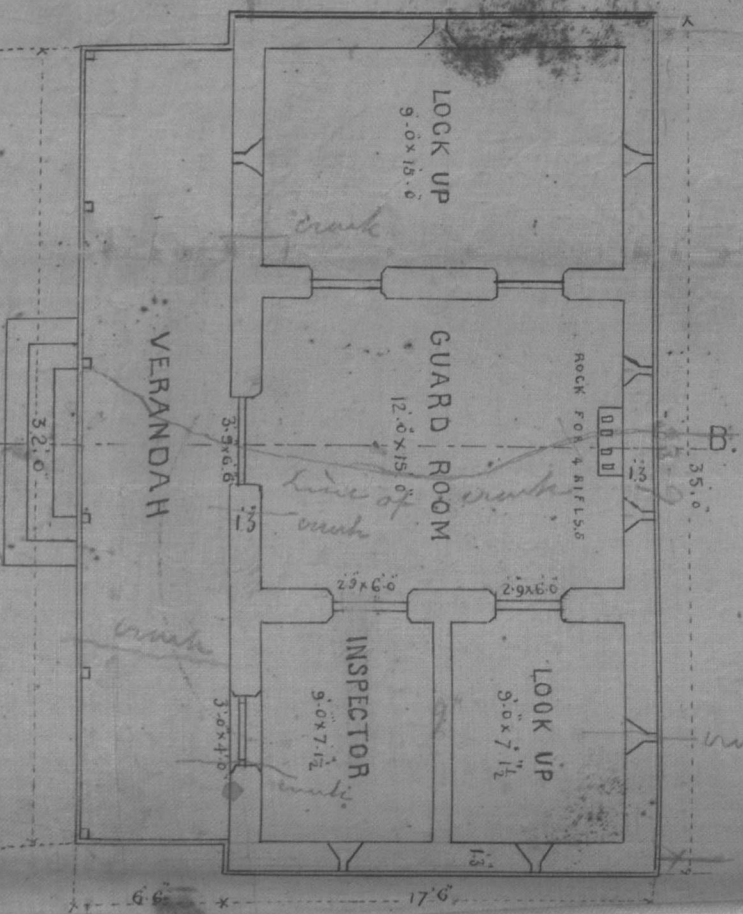
22



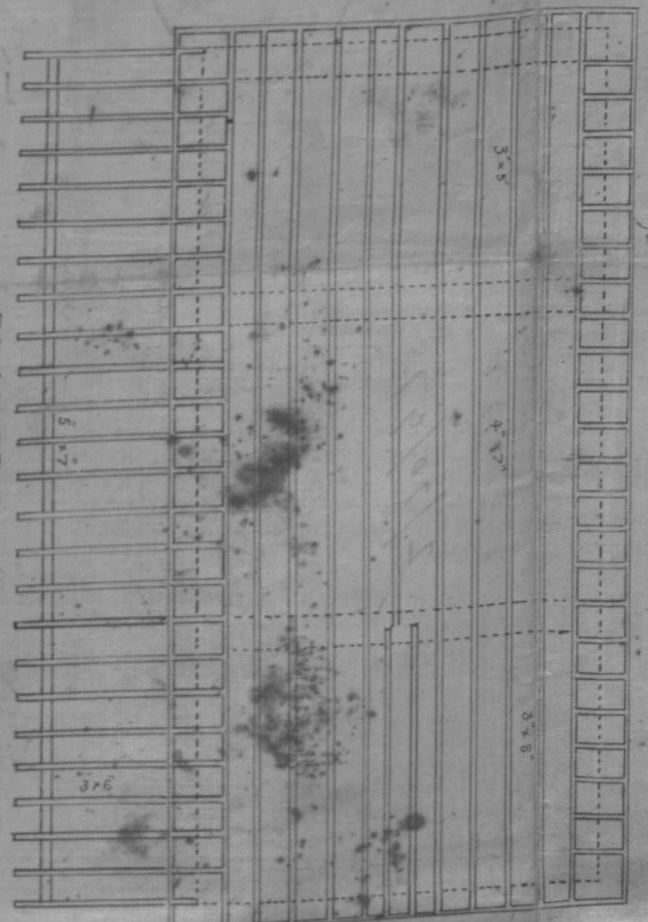
ELEVATION



END ELEVATION



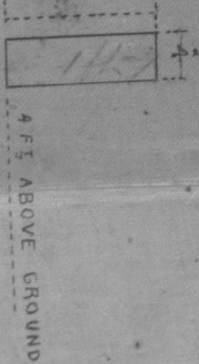
GENERAL PLAN



PLAN OF ROOF

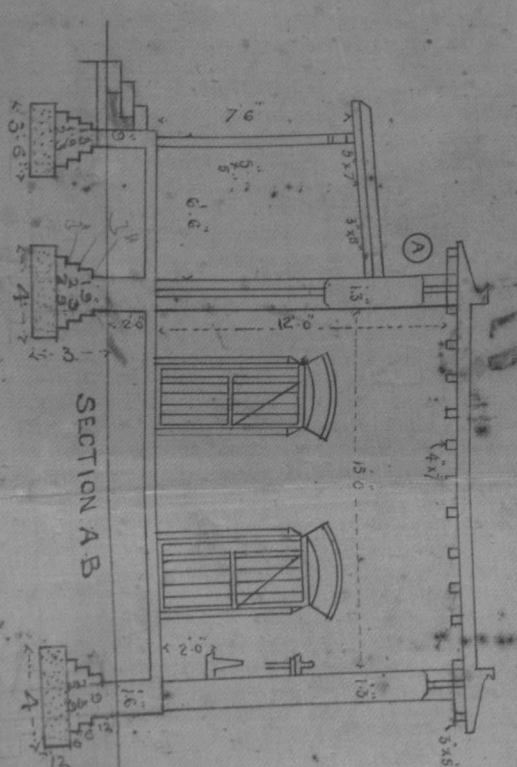


SECTIONAL PLAN

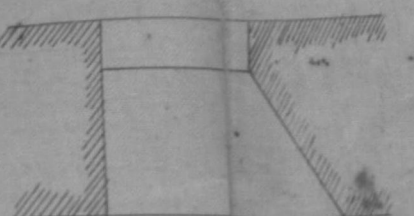


EXTERIOR

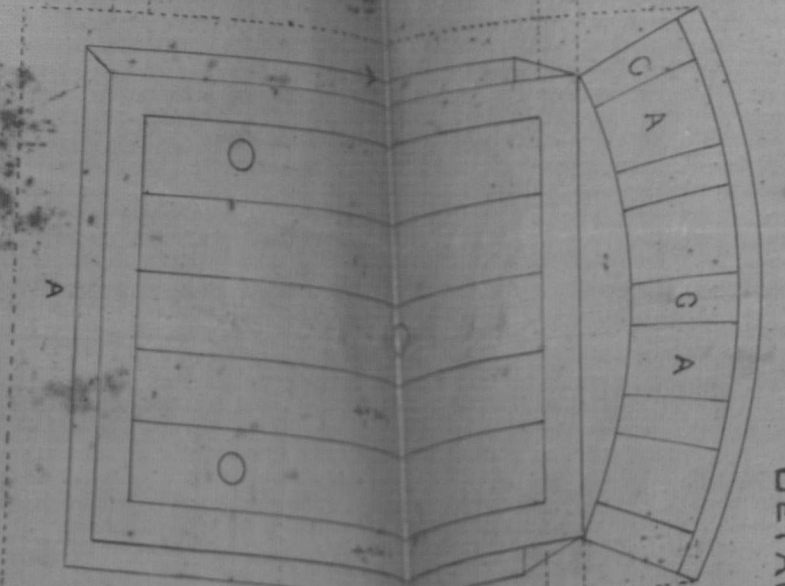
DETAILS OF LOOP HOLES.



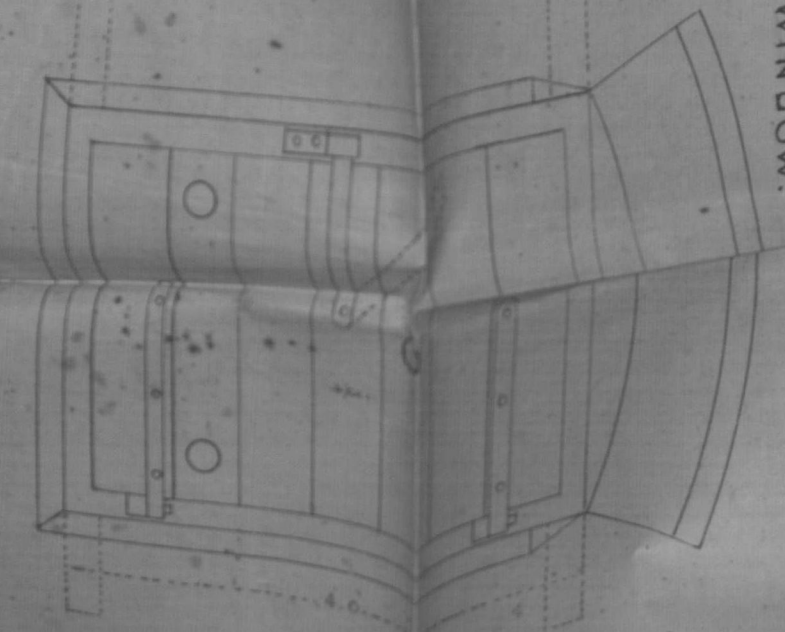
SECTION A-B



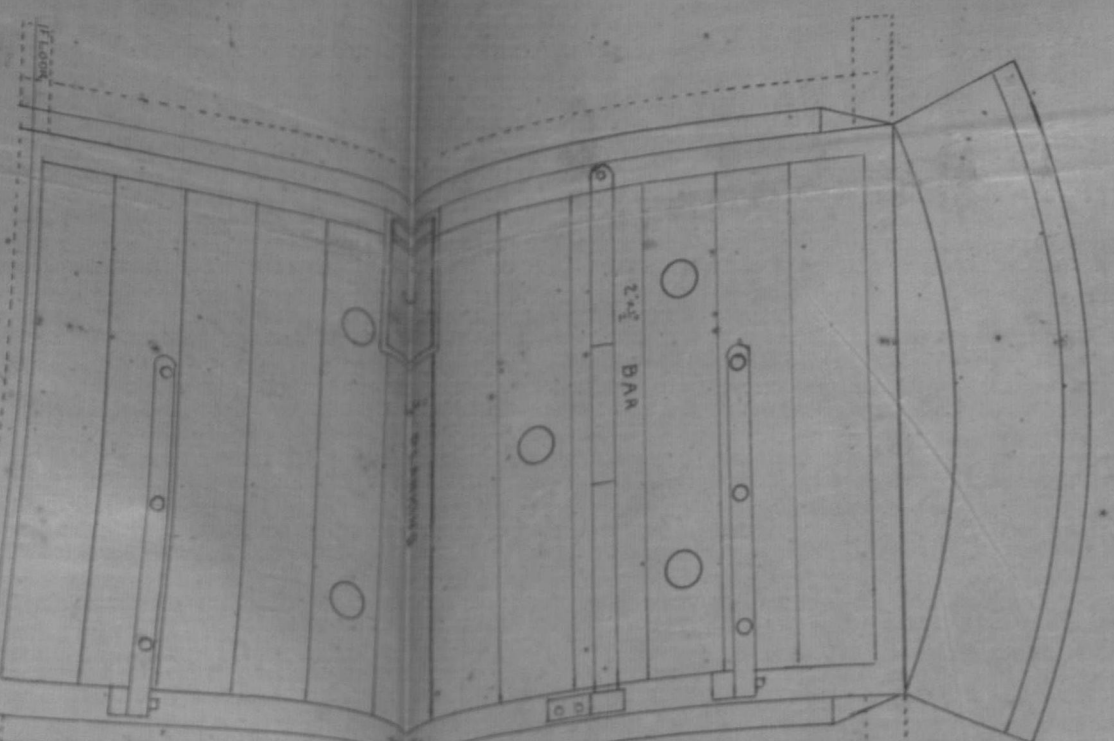
DETAILS OF EN



DETAILS OF WINDOW.



INTERIOR ELEVATION.

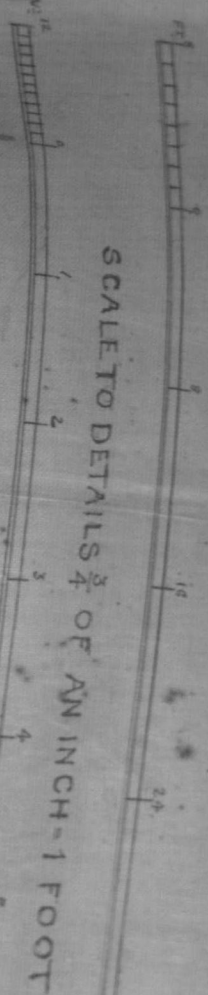


INTERIOR ELEVATION



EXTERIOR ELEVATION

PLAN



SCALE TO DETAILS 1/2 OF AN INCH-1 FOOT

SCALE 8 FEET-1 INCH

Drawn by C. C. C. C.
Checked by C. C. C. C.

4678/8
 3468
 8/18/97

025.2
 8362/57



Enclor M I U S. E 6th W 1539 TC
 20-8-97

From John Supt's Esq, Executive
 Engineer, Trichinopoly, to the Su-
 perintending Engineer, Tiruchir, No:
 346 P.E. dated 8 August 1897:—

With reference to your letter
 No: 4 T.C. dated 4 January 1897, here-
 with returned, I have the honor to
 forward the original sanctioned
 plan and estimate for constructing
 the Police Station house at Tura-
 rankurthy for your perusal and
 to inform you that the foundations
 were examined in 3 places and are
 as per enlarged section herewith sent
 from which it will be seen that they
 have not been laid as per sanctioned
 plan.

2. The work was commenced in
 January 1884 and completed in July
 of the same year at a cost of Rs 1830,
 during which period Mr: C. H. R.
 Morton, a permanent upper subordinate
 appears to have been in charge of the
 Kulitalai Taluq (as per Salary bill

of this office) hence it is presumed that he must have had charge of this work also.

3. The failure of the structure was reported by the Superintendent of Police, so far back as October 1891, and was due to insufficient foundation resting on bad soil composed of pure sand being a deposit washed down the slope of a hill at the foot of which the station is built.

4. With a view to prevent the total destruction of the building, an estimate for constructing buttress was prepared at the request of the Superintendent of Police by Sub Conductor, then Sergeant, Blake and submitted to you with this office No: 77 P.E. dated 4 May 1892, for transmission to that office so that the work might be carried out by the Police Department and the work [has] as will appear from the section of the Eastern wall appears to have been done but had

no effect - Vide this office No: 600 P.E. dated 15 December 1896.

True Copy

J. V. Boddy Lt. Col. R.E.
Superintending Engineer
20-8-97
W. Birch

OFFICE OF THE SUPERINTENDING ENGINEER,

6TH CIRCLE,

Trichinopoly, 20th August 1897.
5/22

From Lt Col. O. V. Boady R.E.
The Sperintending Engineer,
6th Circle.

To

The Chief Engineer,

SIR,

P.W.D.

ENCLOSURES. 3.

1. Copy of letter.
1. orig sanctioned
Section of founda-
tion
1. Section of
foundation as
executed.

3.

With reference to para 2 of
G.O. No. 3425 W dated 30 November 1896,
I have the honor to forward herewith
Copy of letter No. 346 P.E. dated 8th
August 1897, from the Executive Engineer,
Trichinopoly - Do, who has examined
the foundations in question. I also
forward sections of the foundations
as sanctioned and as executed.

The nature of the soil as noted
on the original plan is as under:-

Nature of Soil - Red Earth mixed
with sand
— Do — — — Schiff Earth.

It is evident on looking at the ac-
- Companying sections that when the
work was being executed the subsoil
was found not to be so good as was

OWE.3
8362/97

Originally supposed, and that there-
fore a considerably increased depth
of foundation was given than allowed
for in the estimate. Even this has
been of no avail and the foundations
and walls have settled.

Sand is an excellent material
to build on if it is confined - in
this case. being an accretion washed
down the face of the hill it has
in all probability been able to
spread and thus cause the da-
mage.

I have the honor to be
Sir,

Yours most obed^t Servant.

V.V. Kozlovskiy K. Kob. R.E.
Superginiv, 11 Circle

FROM
THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

TO
THE CHIEF ENGINEER,

NO.

Dated. }
Received. } 189

Enclosure.

Public Works DEPARTMENT.

C. No. 8362.

HIS EXCELLENCY THE GOVERNOR.

THE HON'BLE SIR HENRY BLISS, K.C.I.E.

THE HON'BLE MR. GROSE, C.I.E.

SUBJECT.

Failure of the Police Station House
at Tavarankuruchi in the Trichinopoly
District.

FOR ORDERS.

In para 2 of G. O. No. 3425 W of
30th November 1896, the Supty. Engineer
VI Circle was asked to report on the
cause of the failure of the Police Station
House at Tavarankuruchi in the
Trichinopoly District constructed by
the P. W. Department in 1884.

2. The Supty. Engineer forwards
sections of the foundations as sanctioned
and as executed, and reports that the
nature of the soil and subsoil as noted
on the original plan was "Red earth
mixed with sand" and "Stiff earth"
respectively, that when the work
was executed, the subsoil was found
not to be so good as originally supposed,
that therefore a considerably ^{greater}
depth of foundations was given than
that allowed for in the estimate, that
even this has been of no avail, and

Flag A

that the foundations and walls have settled. The Suptg. Engineer also states that sand is an excellent material to build on if it is confined, but in this case, being an accretion washed down the face of the hill, it has in all probability been able to spread and thus cause the damage.

3. The building has evidently failed owing to insufficient foundations and it seems to have been an error of judgment to have built it on such a soil.

Very much to be regretted. But, I fear it is too late to visit the responsible person with the responsibility. The papers may be needed.

A.S.H. 1.10.97

BS
6/10/97

May 9.9.97

[Signature]

that the foundations and walls have settled. The Suptg. Engineer also states that sand is an excellent material to build on if it is confined but in this case, being an accretion washed down the face of the hill, it has in all probability been able to spread and thus cause the damage.

3. The building has evidently failed owing to insufficient foundation and it seems to have been an error of judgment to have built it on such a soil.

Cms 8362

OW

The report contained in this paper was called for in G.O. No. 3425W dated 30-11-96 - for orders which the Government can be accepted.

The location, the upper sub-division mentioned in the G.O. is better left as it is long ago. The name of the sub-divisional officer & the G.O. Nos. at the time are not given.

Cms

24/8/97

W. In order to have built on such soil at all would seem to have been an error of judgment, but nothing was done.

May 9.97

[70]
200-16-8-97.

Judicial DEPARTMENT.



MEMORANDUM No.

The favour of an early reply to the communication noted in the margin is requested.

G.O. No. 1785, Just, dated 11 Nov. 96.

Subject.

The reason why the police station at Tavarankunichi in the Trichinopoly dt. has in so short a time reached such a dangerous condition.

CHIEF SECRETARIAT,

13th August 1897.

To

The Public Works Dept.

Mr. 11.8.97.

10485

Francis
as Under-Secretary.