

- (1) பக்கங்களின் எண்ணிக்கை 20.
 (2) புதுக்கித் திருப்பிய நாள் 16/89
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/89

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(59)

PNP துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1331	அச்சகம் பலவகை
நாள் :	18 5 1889	198

1001.

மலக்கலோ கண்டயடி கையாளவேற கூடாது

10 sheets

sheet 3 map set to ment 1/2

1331

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, I Circle,
to the Chief Engineer, Public Works Department, dated Dowlaishweram,
27th April 1889, No. 224 G.D.

I have the honor to report that, having been informed that the Division office building at Chettipet in the Western Delta was in a dangerous state, I inspected it on the 12th instant and found it very much cracked, so much so that I ordered one room which I think in danger of collapsing to be at once vacated and I consider the whole building to be unsafe, and I recommend that it be pulled down, the materials being used in the construction of another office; it is too much cracked for buttressing or tying to be of any use.

2. I enclose a tracing and copy of a letter from the Assistant Engineer in charge of the division giving details of the cracks. The office was constructed in the year 1877 at a cost of Rs. 11,882, and for many years showed no signs of cracking; in fact it was not till after the floods of 1886-87, when the compound was under water for several days, that any serious settlement took place, and it is only in the last few months that the cracks have been getting rapidly worse. The soil on which the building stands is extremely bad and I measured some cracks in the vicinity nearly 6' deep, and I think the failure is due to the ground cracking after being thoroughly saturated by the floods.

3. I thought that perhaps the drain (shown in tracing) at the back of the building and which is in rather a peculiar position might have had something to do with the failure, but I examined it and found it in good order.

4. If another office is to be built with the materials of the present one, it will be necessary to find accommodation for the office establishment during its construction, and the only suggestion I can make is that the Executive Engineer's house at Dowlaishweram be temporarily used as an office, and if the three months' leave applied for by the Executive Engineer, Eastern Delta division, be granted, this can be done without inconvenience.

Note by the Acting Chief Engineer for Irrigation.

I am surprised that the building which has stood well for upwards of 12 years should have suddenly come to such grief. There cannot be any doubt whatever that it is entirely due to movement of the ground, due probably to its having been flooded.

2. The Superintending Engineer should have described the foundations or shown them on the tracing; they are easily ascertainable from the existing plan of the work as built and other records.

3. The work was good and was carried out when a competent and most careful officer, Lieutenant (now Major) Dorward, was in charge of the division.

4. The *old* cracks in the verandah pillars (on the *outside* of them) undoubtedly arose from the drag inwards of the top of the pillars when the verandah rafters sagged slightly as they had been notched to the bressummers too rigidly; those cracks had nothing to do with the present state of affairs. I see nothing for it but to pull down the building and erect another on the same general plan, so that roof timbers, doors, windows and other woodwork and fittings (the most expensive part of the building) may be used again, and of course the tiles and many of the bricks will be fit to use again.

5. In rebuilding I would keep further away from the weir channel and from the canal.

6. I should think that the office might, during construction of the new building, be accommodated in the Chettipet rest-house and a temporary shed with perhaps the assistance of the large office tent generally lying idle at the Superintending Engineer's office.

11th May 1889.

(Signed) G. T. WALCH,
Ag. Chief Engineer for Irrigation.

ORDER—dated 18th May 1889, No. 1331 W., Public Works.

The Superintending Engineer, I Circle, will prepare an estimate for a new building with reference to the remarks of the Chief Engineer for Irrigation. The office can, in the meanwhile, be accommodated as suggested by Mr. Walch.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle.
,, Chief Engineer for Irrigation.

Exd. J. Henricus.
Spare Copies

1331

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.
PUBLIC WORKS.

Dated May, 18th.

Recd.

Encl.

G.O., 18th May 1889, No. 1331 W.

MAY.

Division Office at Chettipet

Instructions to Superintending Engineer,
I Circle, for preparing estimate for a new
building for the —.

27-4-89 from Supg
Engineer Circle to the
Chief Engineer P. W. D.
Chettipet

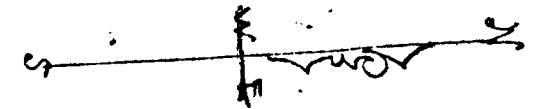
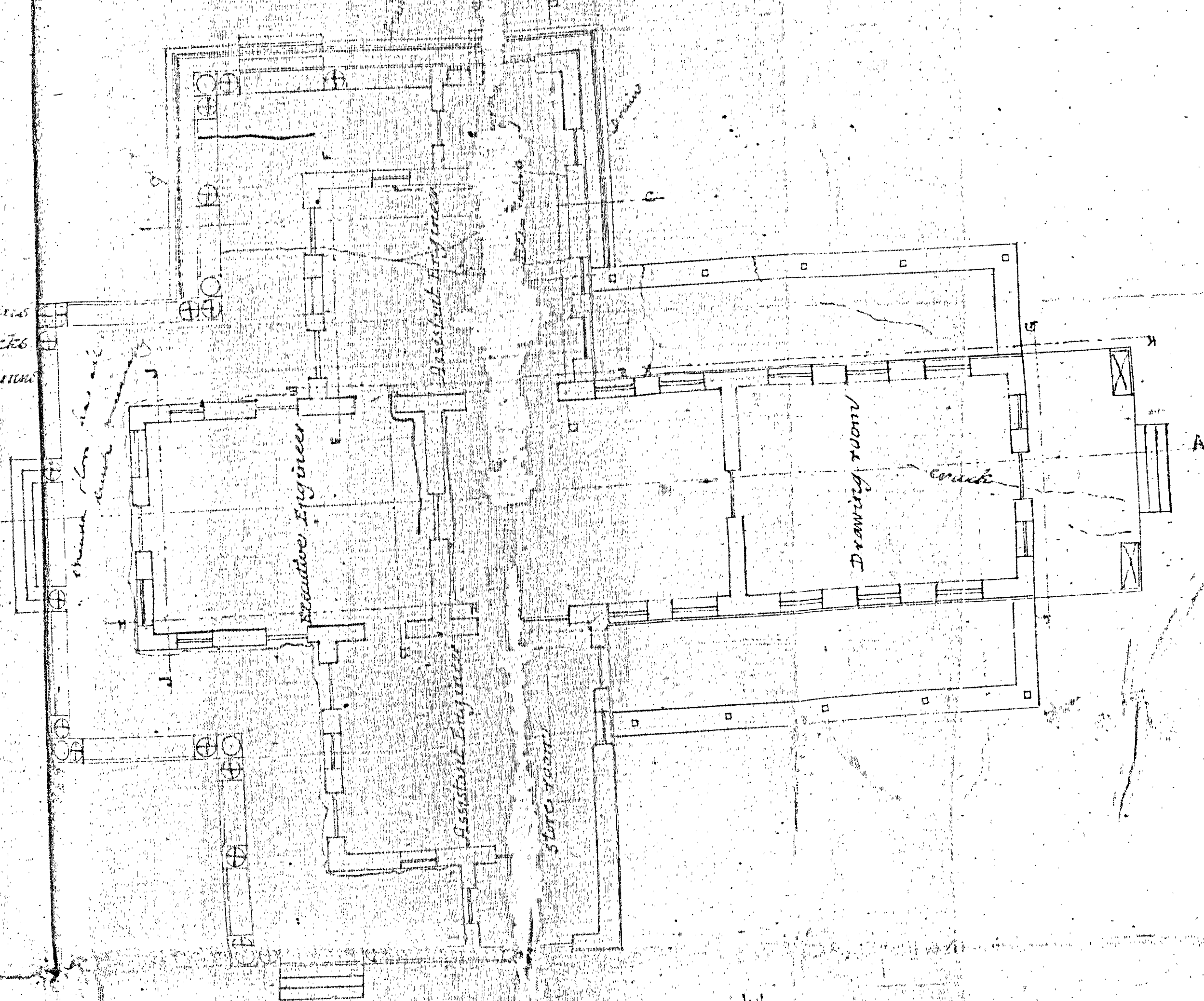
Godavari De...
Western Det...
Plan of Dr... office

Scale

1331

N.B. sepia colored lines denote
all cracks in the walls of
building and foundation

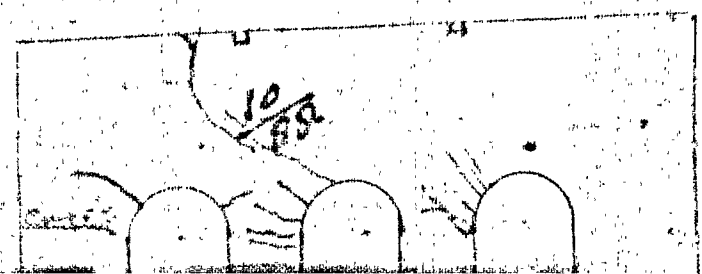
Vertical lines
denotes cracks
in the columns



K.K.

A.A.

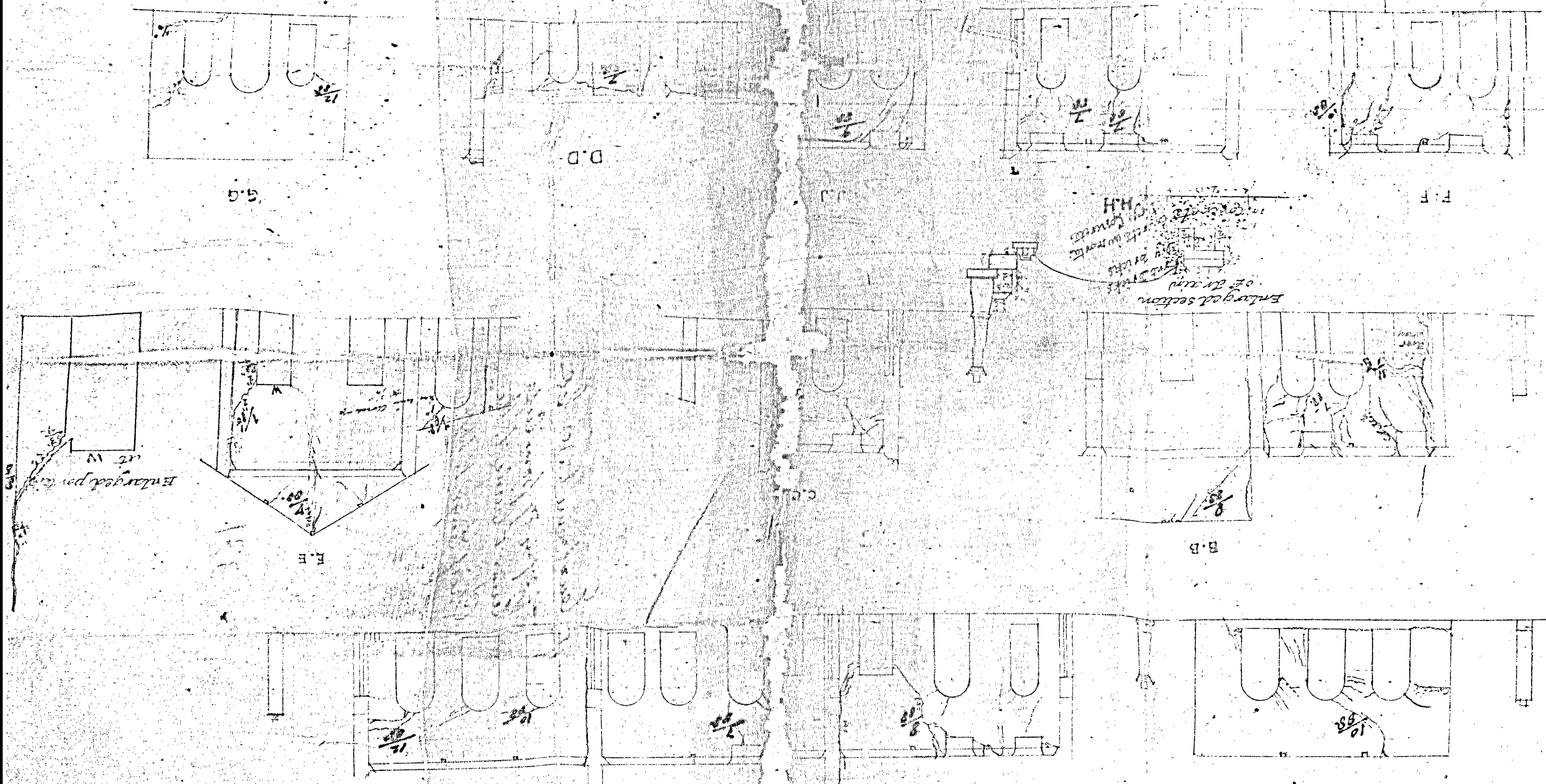
W



10/89

17.89 Asst Eng: uvelange Western Delta

Handwritten signature



No 23
 Chatterpitt 19 April 1899
 From

The Executive Engineers

Godavari Western Division

The Superintendent Engineer

33

[illegible]

the plaster on the West wall is
being cracked out at about the
level of Verandah roof.
The West cracks at present are
(1) the one above mentioned
(2) the three cracks shown in section
III. The one on the left of the section
was at one time about 2 months ago
1" wide but has since closed up the
lower part of the wall has moved
up to the W. $3/4$ to S. The center crack
is the most dangerous. It is widest
under the ridge about $3/4$ " and the
upper part of the wall is falling
over towards the Assistant Engi-
neers Office, this crack has increased
rapidly & joined quite recently
to that from the left hand
angle of door marked W. The
crack which is shown in the enlarged
elevation has not increased much
recently but when it first began
widened rapidly. This crack shows
a movement of the lower portion
of

of the wall of $3/4$ " west & $3/4$ " South. The
cracks in the draftsmen's office are
all recent and are still increasing.
New cracks are also appearing in the
arches of windows in Draftsmen and
31 Executive Engineers Office rooms. This
extensive cracking of the office seems
mainly to have taken place since
1) the construction of the back drain
& 2) the 1886 floods. The drain how-
ever as you saw seems to be in good
condition. The crack in the angle
filler at the S.W. corner occurred I
believe before the drain was laid
and was I think attributed by G.
J. Walsh Esquire when Superintending
Engineer to the dragging of a Bream-
mer. I have ordered according
to your instructions that the Execu-
tive Engineers Office is not to be
used. I believe I informed you that
the building was of rough stone &
plastered this was incorrect as the
building is all of brick.

S S S

the conclusion I request that early
orders may be obtained for the con-
struction of a new office, as if the
present building were to collapse
there is no building in the village
suitable or available for a Divi-
sion Office.

133160

I have to
(Sd) J. S. Wilson
Assistant Engineer
Incharge Western Dis-
trict
(True Copy)

J. Campbell Major R.E.
Superintending Engineer
Mysore

Endo 2

133160

No. 224 G.D.
1P

FROM,
Major J. McNeil Campbell R.E.
SUPERINTENDING ENGINEER
FIRST CIRCLE.
TO,
THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT
DOWLAISHWERAM, 27th April 1889.

SIR, I have the honor to report
that having been informed that the
'division office' building at Chettipett
the Western Delta was in a dangerous
state, I inspected it on the 12th instant
and found it very much cracked, so
much so that I ordered one room which
I think is dangerous, collapsing to be
at once vacated and I considered the
whole building to be unsafe, and I
recommend that it be pulled down
the materials being used in the construction
of another office, it is too much cracked
for buttressing or trying to be of any
use

Enclose a tracing and copy of a
from the Assistant Engineer in charge of
the compound giving details of the cracks.
The office was constructed in the year
1877, at a cost of Rs. 1,882, and for many
years showed no signs of cracking, in
fact it was not till after the floods
of 1886-87 when the compound was under
water for several days that any serious
settlement took place and it is only in
the East few minutes that the cracks
have been getting properly visible. The soil
on which the building stands is extremely
bad and I measured some cracks
in the masonry nearly 6 feet deep
and I think the failure is due to the
ground cracking after being thoroughly
saturated by the floods.

I thought that perhaps the
drain (shown in tracing) at the back
of the building and which is in rather
a peculiar position might have had
something to do with the failure but
as I found it in go

another office is to be built with
the materials of the present one, it
will be necessary to find accommo-
dation for the office establishment
during its construction and the only
suggestion I can make is that the
Executive Engineer's house at Donlaiswaram
be temporarily used as an office and
if the 3 months leave applied for by
the Executive Engineer Easton Delta be
be granted, this can be done without
inconvenience.

I have the honor to be
Sir,

Your most Obedt Servant

J. R. Campbell Major &c
Supg Engineer & Circle

7

7

80. Aug 31/4 of 17-7-77
 907 of 17-3-77
 3508 of 14-12-74
 1497 of 6-6-74
 1077 of 18-4-74
 744 of 13-3-71

FROM, *Major D. M. Campbell*
 SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,
 THE CHIEF ENGINEER
 PUBLIC WORKS DEPARTMENT.

DATED 27/4/89
 DESPATCHED 29/4/89
 RECEIVED 7/5/89

NO. 224 G.O.

ENCLOSURES 2

SUBJECT.

Remission office building
 at Chittipet.

Reporting on the unsafe
 state of the - and
 recommending that it
 be pulled down and
 another constructed

24.8.5/5

No. 160
 Government of Madras.

PUBLIC WORKS DEPARTMENT.

Ootacamund, 11 May 1889

OFFICE NOTE.

From

To

Letter from the S.E. & C. Circle
 No. 224 G.O. of April 27. 1889

For favor of
 remarks.

P. M. S.

10.5.89 W
 I am surprised that
 the building which
 has stood well for
 upwards of 12 years
 should have suddenly
 come to such a state
 of decay. It is
 doubt or rather that
 it is certainly due to

24.8.5/5

your presence
 to be very heavy
 flooded -

1331

The Vap'rs should
 have described the
 foundry, or shown them
 in the tracing, there are
 could ascertainable
 from the plan of the
 of the work - built
 & other records.

The work was good &
 was carried out when
 a competent and
 best-qualified Officer.
 A (from India) Board
 was in charge of the
 Division -

The old cracks in the
 horizontal pillars (on
 the outside of them)
 undoubtedly arose
 from the drag inwards
 of the top of the pillars
 when the horizontal
 rafter passed slightly
 as they had been
 attached to the brasses
 too rigidly. These cracks
 and bulging to the
 present state of affairs -

Seeing nothing for it but
 to pull down the building
 & set another on the same
 general plan, so that
 roof timbers - doors -
 windows & other woodwork
 & fittings of the most expensive
 part of the building, being
 he used again - & of course
 the tile & beams of the
 back will be fit to use again.

The building should be kept further away from the main Channel
 & from the Canal -

I should think that the office with chimney construction of the
 Low and being, be accommodated in the building with chimney
 a temporary shed with pillars for the maintenance of the house &
 sent generally lying idle at the Office of the Office.

C. S. G. S. G. S.

11/5/89

The S.E. 1 Circle will be called
 upon to prepare an estimate for a new
 building with reference to the remarks of the
 Ch. Engr. & Mr. - The Office can in the meantime be accommodated as suggested by Mr. Walter.

13.5.89

PUBLIC WORKS DEPARTMENT.

13.5.89

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 13.5.89

1331

READ the following

From the Supt. Engineer I Circle (H.E. No 224 G.O. of April 27. 1889)
 Noting the Supt. Engr. I. (- - -) of May 11. -)

The Supt. Engineer

I Circle will prepare an
 estimate for a new building
 with reference to the
 remarks of the Chief

Engr. for signature.

The office can in the
 meanwhile be accommodated

as suggested by Mr. Walter

S. E. 1 Circle

C. E. S. 1.

9.5.89

14.5.89

7.0.2

(331

[Faint handwritten notes, possibly "C. 100" and "100"]

10

Ant. 51/5. Str 11/5.

Subt. of 1889, 1890

PUBLIC WORKS.

27/5/18

D.W.

201

E.L.

18 May 1890 No 13314

Division of Public Works
at Petropet

Instructions to S E

7 miles for preparing
estimate for a new
building for the

(10)

50/3/1

27/5