

Edl(1915) Department.

Ins SERIES.

G.O. No. 956 Edl

DATED 31-8-15

26 39000

[Despatch Abstract.]

Building. : Appkorm g, with Remarks,
the alterations proposed by the
authorities of the Hindu College,
Tinnevely, in the plan approved
in G.O No 1235 Edl of the 4-11-14.

Copy of letter No. 133 S. E. dated the 26th January 1915, from T. P. Dillon Esquire, Executive Engineer, Tinnevely Division, Palamcottah, to the Superintending Engineer, VI Circle.

DATE 20-2-1915

Reference:-- Superintending Engineer's No. 9552/1587
dated 23rd November 1914 and 10299/1587 dated 12th December
1914.

I have the honour to submit the following report with reference to para 10 of the note by the Chief Engineer No. 580 D of 15th October 1914 attached to G. O. No. 1235 Educational of 4th November 1914, received with your number quoted above.

1. The pressure on the soil according to para 10 of the note is 1.06 tons per square foot. This is evidently calculated with reference to the section of wall in the sanctioned plan - D. P. I. No. 156. The section of the wall as actually built now is however, altogether different and I herewith submit a fresh plan of the building as it is being actually constructed and a site survey plan noting thereon the trial pits. It will be seen from the former plan that the foundations for the walls have been taken down to 2'-9" below the sanctioned depth. The pressure on the soil for this section comes to 1.4 tons per square foot against 1.06 tons for the sanctioned section - vide calculation sheet attached. The soil below is sandy; in view, however, of the fact that the foundations have been taken down to a greater depth they may be considered safe. The quality of work done is good and the materials used are also good.

2. With regard to the other points raised in the note, I have the honour to state as follows:--

Para 4 of note. The partition walls have already been built to a thickness of 2' and the Secretary to the College Committee informs me that this thickness has been allowed with a view to have shelves fixed in them. Copy of letter from the Secretary on this and other points mentioned in G. O. No. 1235 Education dated 4th November 1914, is en-

Para 5. Rolled steel beams are being used throughout the main building. As regards steel joists in the corners of verandahs at the junction of blocks F and M, I have the honour to state that block F is now built altogether as a separate building and the school authorities intend moving block M in tracing - D. P. I. No. 155, further north. The exact site, however, is not yet fixed.

Paras 6 and 7. These are attended to.

Para 8. This will be reported on when 1st floor work proceeds.

Para 9. The span of the archways is fixed as 6'-6" to suit the position of doors in the rooms. The question of abutment pillar at D in blue print does not arise as the building is to be a separate one as shown in the fresh plan now submitted by me.

No. 362^{ca} dated 18th February 1915.

Copy forwarded to the Chief Engineer, Public Works Department for information.

It will be observed that the work was started in April 1914 i.e., 7 months before the plans and estimates were approved by Government. The foundations as built are considered suitable for a 2 storied building.

Superintending Engineer,
VI Circle.

Encls

1 Blue Print No 156

1 Tracing

1 New Plans

1 Tracing

1 Calculation Sheet

1 Copy of letter

6

Copy of letter No. Nil dated 18th December 1914 from the Secretary, Hindu College Committee, Tinnevely to the Executive Engineer, Tinnevely Division.

With reference to the letter of the Chief Engineer No. 580 D dated 15th October 1914, forwarding the proceedings of the Director of Public Instruction, Madras Ref. on C. No. 1329/1912 dated 2nd December 1914, informing sanction by Government of a grant not exceeding one-half of the actual expenditure nor Rs. 12,725/- towards the cost of certain extensions to the building occupied by the Hindu College, Tinnevely, I have the honour to state that the extension work was begun on 20th April 1914 owing to the urgent necessity for accommodation.

2. Though the Executive Engineer, has recommended as sufficient a foundation of 9 feet depth, as per his letter 520 M dated 3rd March 1914, a foundation of 11 feet 9 inches depth has been laid in consideration of the proposed erection of a third storey and of the fact that the building is exposed to occasional floods of the Tambravarni.

3. With reference to para 4 of the Chief Engineer's note dated 15th October 1914, the partition wall has been given the thickness of 2 feet since it is proposed to fix shelves in the wall itself.

4. The longitudinal and end walls have been given a thickness of 1 7/8th ft. for the sake of greater strength and due proportion compared with the other walls of the building.

5. Now nearly half the work is completed, I therefore have the honour to request you to give me the necessary instruction regarding the construction of the building in future.

Sd/ T.P. Dillon,
24-1-15,
Executive Engineer,
Tinnevely Division.

Pressure on foundations (taking the section of wall as actually being built).

Ground floor

Concrete foundation $1 \times 6 \times 3 \times 120 \text{ lbs.}$ lbs 2160

Brick masonry $1 \times 6 \times \frac{3}{4} = 4.50$

Area of ground and $1 \times 3 \frac{3}{4} \times 1 \frac{1}{2} = 5.62$

basement $1 \times 3 \times 1 \frac{1}{2} = 4.50$

$1 \times 2 \frac{5}{8} \times 3 = 7.87$

$1 \times 2 \frac{1}{4} \times 2 = 4.50$

Wd ... Superstructure $1 \times 14 \frac{1}{2} \times 1 \frac{7}{8} = 27.25$

Wd Wd in upper

floor $1 \times 13 \frac{1}{2} \times 1 \frac{1}{2} = 20.25$

Wd Wd parapet $1 \times 2 \times 1 \frac{1}{8} = 2.25$

Total area. = 76.74 square feet.

Weight in lbs. per foot run = $76.74 \times 1 \times 120 = 9207$

Terrace over ground floor. $1 \times 31 \frac{3}{4} \times 2.00 = 2.00$ lbs 3175

(allowing for load, wood joists etc).

Girder $\frac{31 \frac{3}{4} + 3.75}{10 \frac{3}{8} + 2} \times 100 \text{ lbs.}$ 165

Top terrace $1 \times 32 \frac{1}{8} \times 173$

Girder $\frac{35 \frac{1}{8}}{2} \times \frac{89}{10 \frac{3}{4}}$ 148

Add for verandal $1 \times 6' - 9 \frac{3}{8} \times 173 = 1.17$

Total in lbs. 18.8

or 8.8

This pressure is over an area of 6×1 or 6 square feet
Therefore Pressure per square foot 1.4 tons

* Weight being distributed over the span of $10 \frac{3}{4}$

(5)

Putthi

15/2/44 Superintending Engineer, VI C

123521234-11-14

Colo No 1253

O.F.-29

Educational

DEPARTMENT.

Received 5-4-15

191

Registered

8/4

1915

Subject.

Submitting certain modifications in the building scheme approved for the Hindu College, Tinnevely.

ENCLOSURES

No.

Ref. on Cur.

No. 3829/12,

Spare copies

Station Madras, Dated the 1st April 1915

From (Name) The Hon'ble Mr. H.S. Duncan, M.A.,
(Designation) Ag. Director of Public Instruction.

To The Secretary to the Government of Madras,
Educational Department.

Sir,

I have the honour to submit herewith copies of letters Nos. 93, dated 10th March 1915 and 94 dated 13th March 1915 of the Secretary, Hindu College Committee, Tinnevely, proposing certain modifications in the scheme for which a grant of Rs.12,725/- has been sanctioned in G.O.No. 1235 Edl., dated 4th November 1914 and to recommend that the proposed alterations may be ^{sanctioned} subject to approval in the Public Works Department. The management claims no additional grant for the extra cost involved.

(R)

pp 79/15

12

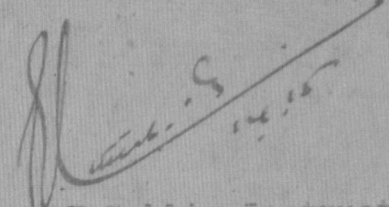
6

6
-A
6
2. The approved plan and estimate are enclosed.

I have the honour to be,

S i r,

Your most obedient servant,



for Director of Public Instruction.



P.V.S.

10th March 1915.

7

From

The Secretary,

Hindu College Committee,
Tinnevely.

To

The Director of Public Instruction,
Madras.

Sir,

R
With reference to G.O. No. 1235 Edl., dated 4th November 1914 communicated in your Ref. on Cur. No. 3829/12, dated 2nd December 1904 I have the honour to inform you that the Executive Engineer, Tinnevely District, has examined the building which had been commenced with your permission and is likely to have reported certain modifications that had been adopted in constructing the first floor.

2. The block of buildings marked 'V' will not now be constructed at the place marked in the plan but northwest of it as its construction just west, takes away the light of the northern hall.

3. I have the honour to request you to permit the following alterations in view of the reasons stated against each. The Committee will not claim any grant for the extra cost that has to be incurred.

(a) Veranda. Instead of building masonry pillars and arches, permission may be granted to have iron pillars with wooden beams over them, as such a modification will give sufficient light to the Science and Mathematics between halls ~~in~~ the Southern and Northern Halls of the ground floor. Similar construction may be permitted also for the veranda upstairs.

(b) Permission may be granted to build the upstairs walls 1 1/2 feet thick in view of proportion and putting up a light gabled roofed third story.

8

7 8 8

(c) The height of the wall upstairs is given as 12 feet. It may be permitted to be raised to 13 feet in view of height downstairs and in view of the height of the girders.

(d) It is considered desirable to have the upstairs as one hall and it is therefore prayed that a rolled steel girder similar to the other may be permitted to be substituted for the cross wall upstairs which divides the hall into two portions.

4. In view of the building being in progress, I have the honour to request you to order necessary instructions to be issued as early as possible.

5. The plan and estimate approved by you are enclosed for reference.

I have the honour to be,

S i r,

Your most obedient servant,

/Sd-----

S e c r e t a r y.

/True Copy/

for Director of Public Instruction

9

No. 94.

Hindu College Committee, Tinnevely,
13th March 1915.

From

The Secretary,

Hindu College Committee,

Tinnevely.

To

The Director of Public Instruction,

Madras.

Sir,

In continuation of my letter No. 93, dated 10th March 1915 regarding new building, I have the honour to add the following to clauses B and C of para 3 of my letter.

Para 3 (b) The third storey will be built only if sanctioned. Full details of the wall roof etc., will be given before sanction is applied for. This proposal is made in view of the costs of laying a new foundation elsewhere and want of space.

Para 3(c) The provision in the estimate is to build arches over windows and doorways. Stone lintels of 10 $\frac{1}{2}$ inch thickness or such other thickness as may be advisable may be permitted at least in case the height of the walls is not allowed to be raised from 12 to 13 feet.

I have the etc.,

/Sd/ -----

Secretary.

(By order)

for Director of Public Instruction

Ed CN^o 1432 10
10

Educational DEPARTMENT.



Registered 22.4.1915.

Subject.

Submitting letter from the Correspondent, Hindu College Committee, Tinnevely, No. 97, dated 8th April 1915, *informing that the work of the extension of the College building was stopped.*

ENCLOSURES.
No.
Spare copies

Ref. on Cur. No. 3829/12
Station Madras, Dated the 19th April 1915.

From (Name) The Hon. Mr. H.S. Duncan, M.A.,
(Designation) Ag. Director of Public Instruction.

To The Secretary to the Government of Madras,
Educational Department.

Sir,

AS

Ref. on Cur. No. 3829/12, dated 1st April 1915.

Submitted to Government in continuation of
letter R.C.No. 3829/12, date 1st April 1915.

Plante
18.4.15
for Director of Public Instruction.

Govt
18
P.V.S.

1097

8/4/15

From

1007/8/15

Hindu College, Tinnevely.

6th April 1915.

The Correspondent,

Hindu College Committee,

TINNEVELLY.

TO

THE DIRECTOR OF

PUBLIC INSTRUCTION,

MADRAS.

Sir,

I have the honour to inform you that the work of the extension of the College Building was stopped awaiting the sanction applied for in my letter Nos.

pp 7-9 ante

C.NO.93/10-3-15 & C.NO.94/13-3-15.

2. In view of necessity to get the building soon completed and with a view to give the least trouble by applying for several alterations, I have the honour to inform you that I shall build the verandahs, downstairs and upstairs substantially as provided in the sanctioned Plan and Estimate.

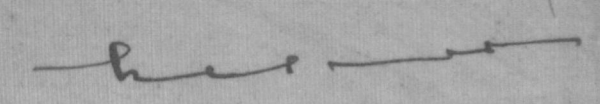
I have the honour therefore to request you to arrange for sanction of the alterations referred to in para 3, b, c, ^d of my letter C. NO.93/10-3-15 and ^{para} 3 b, c of my letter C.NO.94/13-3-1915.

pp 7-9 ante

I have the honour to be,

Sir,

Your most obedient servant,



Correspondent.

13
Memo of details of alterations prayed for.

pp 28 auto
Letter NO.93/10-3-15 Para 3 (b). Permission may be granted to -

build the upstairs walls $1\frac{1}{2}$ ft thick in view of proportion -
and putting up a light gabled roofed third story.

pp 28 auto
Letter NO.94/13-3-15. Para 3 b. The third story will be -
built only if sanctioned. Full details of the walls roof -
etc, will be given before sanction is applied for. This pro-
posal is made in view of the cost of laying a new foundation
elsewhere and want of space.

pp 28 auto
Letter NO 93/10-3-15 Para. C. ^{3.} The height of the wall up-
stairs is given as 12 ft. It may be permitted to be raised to
13 ft in view of height downstairs and in view of the height
of the girders.

pp 28 auto
Letter NO 94/13-3-15 Para 3.C. The provision in the estimate
is to build arches over windows and doorways. Stone lintels
of $10\frac{1}{2}$ inch thickness or such other thickness as may be --
advisable may be permitted, at least in case the height of the
walls is not allowed to be raised from 12 to 13 ft.

pp 28 auto
Letter NO.93/10-3-15. Para 3.d. It is considered desirable
to have the upstairs as one hall and it is therefore prayed -
that rolled steel girder similar to ^{the} other, may be permitted
to be substituted for the cross-wall upstairs which divides
- the hall into two portions.


Correspondent.

E. W. NOTE

14213
17 Aug. 15

An estimate amounting to Rs. 25,450 with 2 plans bearing D.P.I. Nos. 155 and 156 for constructing Block F of the proposed extensions to the Hindu College, Tinnevely was approved in G.O. No. 1235-Educational dated 4-11-1914.

II. The Director of Public Instruction now submits for sanction through the Educational Department certain deviations the particulars of which are as follows :-

- (1) Increase in the depth of the foundations and thicknesses of walls owing to the erection of a third storey under contemplation.
- (2) Adopting throughout one uniform size of Rolled steel girders (24" x 7½" at 100 lbs.) and teak joists (3" x 8") for supporting the floors and roofs of rooms.
- (3) Rearranging doors and windows, omitting girders at corners of verandahs at junction of blocks F and M, and increasing the width of verandan openings from 6' to 6'-6" owing to the proposal to construct block M ^{apart} ~~aloof~~ from block F.
- (4) Increasing the height of walls of First floor by 1 foot or substituting stone lintels for brick arches over doors and windows.
- (5) Omitting the cross wall in the First floor and providing a Rolled steel girder in its place for supporting the roof so that the two rooms may be converted into one hall.

15
(6) Increasing the thickness of partition walls in Ground floor from 1'-6" to 2'-0" providing shelves therein.

III. The items (1) (2) (3) and (6) II have been shewn in the plan submitted to the Executive Engineer, Tinnevely Division through the Superintending Engineer, Vellore with reference to para 10 of Chief Engineer's Note No. 580-D dated 15-10-14 in connection with the G.O. referred to in para I.

IV. This plan and the deviations mentioned above have been examined in the Chief Engineer's office and the following remarks made :-

(a) Regarding the sizes of teak joists the proposal originally approved should be adopted ~~but~~ and there is no ~~objection~~ objection in making all the girders of one uniform size namely 24" x 7½" x 100 lbs.

(b) (1) By the rearrangement of doors and windows as shewn in the plan now submitted the pressure on masonry, even in the case of a two storeyed building, is in excess of the permissible limit for brick in lime mortar.

(2) The alterations in foundation ~~has made~~ by the School authorities have not helped in relieving the walls of this excessive pressure.

(3) The construction of the 3rd store in contemplation cannot, ~~therefore be~~ ^{approved} ~~allowed~~.

(4) Rolled steel stanchions encased in brick in cement should be provided at the ends of the girders supporting the 1st floor at places marked PP on the pencil plan submitted

mitted

by the Executive Engineer, Tinnevely
Division, ^{in accordance with} details shown in flap
C.A. No. 122/1915.

(c) The height of walls of First
floor may be increased by 1 foot in
preference to the provision of stone
lintels over doors and windows.

(d) The cross wall in the First
floor may be omitted and a Rolled steel
girder 24" x 7½" at 100 lbs. provided
its place for carrying the roof timber.

(e) The staircase referred to in
para VI of the Chief Engineer's note
quoted in para III supra has not been
shown in the plan now submitted.

V. Subject to these remarks the
deviations have been approved.

VI. No additional grant towards
excess in cost involved in these deviations
has been recommended as the same
is not claimed by the College Committee.

8.7.15

2.5.
d.222
31.5.15

SUBJECT.

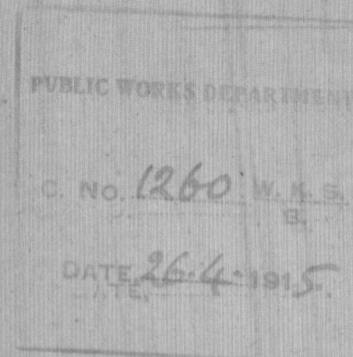
Alterations in the scheme for
the extension of the building oc-
cupied by the *United College*,
Tennessee.

From

The D. F. I. No. 3829/8 the 1-4-15
1/12

Register No. 1253 Edl.

pp 5 & CF



Edl no 1253-1

19 4 15

The P.W.D. may, it is sub-
mitted, be consulted ^{as to} whether the
alterations proposed by the College
Committee may be approved.

NS
10.4.15Edl
10.4.15Edl
19.4.15

P.W. no.

OFFICE NOTE.

Educational Deptt. 18

SUBJECT. Extensions to the Hindu College Buildings, Tinnevely.

pp 10-13 CF From the D. P. S. R.O.C. No: 3829/12 d/ the 19th April 1915.

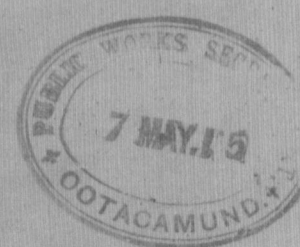
Register No. 1A32 Edl.

M

pp 5-8 CF
Refer to D.P.S.C.F.

CP 1260 d/16/15
Col. B

Will docket at (E)



Edl no 1432-1
7.5.15

PUBLIC WORKS DEPARTMENT

1390 WKS

10.5.1915

The D. P. S's letter R.C. No: 3829/12 d/ the 19th April 1915 Submitting certain modifications in the building scheme approved for the Hindu College, Tinnevely, was forwarded w/o to the Public Works Deptt. on the 19th April 1915. The present communication may also be forwarded w/o to that Deptt. with the request that early sanction of the modifications suggested ~~be~~ ~~be~~ may be arranged for.

47-135
5-5-15 1-5-15

2.14
Q.5.4

P.W. no.

M.
10. A.
100-26-11-12.



19
LOCAL AND MUNI., EDL. AND LEG. DEPTS.

PUBLIC WORKS DEPARTMENT.

C. No. 1912 W.K.S.
B.

DATE 3-7-1915.

L. & M. and E. & L. U. O. D. No. _____ dated _____

NOTE FOR THE ^{under} SECRETARY.

It is submitted that the Public Works Department Department may be requested to state when a reply to the unofficial reference noted below may be expected.

28
28.6.15

To

THE Public Works DEPARTMENT U.O.

1260
plant
U.O. No. 1253-1, DATED 19. 4 1915

Subject.

Submission of certain Modifications in the building scheme approved for the Hindu College - Tirunelveli

REMINDEES ALREADY SENT.

_____ 191 .
_____ 191 .
_____ 191 .

CO
25/6/15

64
28.6.15

262

21
21

pp 14-16 CP

Note by the Chief Engineer P.W.D. No 4238/17-8-15

For A.S.

The deviations proposed by the School authorities in the estimate for extensions to the Hindu College, Tirunelveli, are approved by the Chief Engineer P.W.D. subject to his remarks contained in his note read above.

pp 14-16 CP

The case may now be returned to the Col & CP for issue of orders.

14/7/15
15/7/15
16/7/15

It may be remembered that a great deal of unnecessary trouble is caused by school authorities being unable to make up their mind as to their requirements when getting out a scheme & also by employing incompetent individuals for the preparation of their plans and estimates. It is also a mistake to allow work to be started before the plans & estimates have been approved by Govt.



P.W.D. No 1334/15-1
EST. 13-8-15

Notified
OFFICE

Col & CP 22

15.8.15

Educational Dept.

A draft order is submitted for approval. The management claimed no additional grant towards the extra cost that may be involved in the derivations.

2. The remarks in the concluding portion of the P.W.D. note are apparently based on the fact that the Tinian College authorities originally commenced the work before the sanctioning of the grant. This was no doubt a breach of art: 51 of the Grant-in-aid Code. It will however be seen from the note to G.O. No. 1235 Edl., dt. the 4th Nov. 1914 that this point was raised and that, in view of the special circumstances of the case, the Govt. were pleased to condone the irregularity. The Director had also stated in that connection that he was not in the habit of ^{giving permission to} allowing school authorities to begin work ^{in anticipation} before the ~~of sanction of grant~~ ~~grant was sanctioned~~ without reference to Govt. The sanctioning of a grant of course implies that the plans & estimates have been approved by the Govt. For this circumstance it does

P. P. V. E. F. & para IV of
2.8. note on P. 16 E. F.

P. P. V. S. W. note dt. 20.11.14
in P. 2 of the note to

Does not seem necessary that any special action should be taken on the remarks of the P.W.D.

Oct
20.8.15
JH
20.8.15

It is to be noted in connection with another file which I saw yesterday that it is somewhat remarkable that the Committee have these extensive alterations in hand to their existing building while they apparently contemplate abandoning it altogether and building another at a cost of $2\frac{1}{2}$ lakhs at Talavayathur

GP
22.8.15

The order may come

GP
31.8.15

” ” ” ” ” ” 191

C. No. 12532, From the D. P. 9. R. O. C. No. 3829, dated 18 April 1915.

1305 " 1432862 " " " " " " the 19th April 1918.

-16c if " Note by the C.S. P.W.D. " 421D " the 17th Aug. 1915.

No. 350, dated 3/8/1915

Mrs:

The alterations proposed by the authorities of the Hindustan College, Tinnevely, in the plan approved in G. O. No: 1235 Edl., dt the 4th Nov: 1914 are approved subject to the remarks of the Chief Engineer contained in his note read above and on the understanding that no larger grant will be paid than that already promised.

the D. p. S. (with plans and
(¹⁰⁰ ^{CE's} ¹⁰⁰ ¹⁰⁰) estimated net:
looking to the P. W. D. (1990)

20.8.15

25.8.15
 T.H.

22-8-15

2
noted Louisiana

had deep lot go into of house all

— several of us saw museum since

25

also put up with all

and something in the year

between 10
over

18
18.5.9

18
18.5.9