

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2392	Press
B.P. No.		Mis.
Dated	7-9-1876	195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th September 1876. No. 2,392.*

No. 99. Read again Proceedings of the Madras Government in the Public Department, dated 25th March 1876, No. 323.

Read the following :—

No. 529.

MEMORANDUM.

THE undersigned is directed to intimate that the building at present used by the Public Works Workshops and Store Department at Chepauk will, on being vacated for the premises in course of erection at the Seven Wells site, be available for occupation as public offices; and to inquire whether it can be utilized by any of the offices in correspondence with the Chief Secretary.

FORT ST. GEORGE, (Signed) G. W. WALKER, Major-General, R.E.,
22nd March 1876. Secretary to Government, P.W.D.

COMMUNICATED to the Inspectors-General of Police and Jails, to the Director of Public Instruction, and the Senior Magistrate of Police.

(Signed) W. HUDLESTON,
25th March 1876. Chief Secretary.

Read also the following papers :—

No. 99-A. Proceedings of Public Department, dated 3rd April 1876, No. 366.

No. 99-B. Proceedings of the Madras Government in the Revenue Department, dated 1st May 1876, No. 1,003. (Through the Political Department, dated 29th May 1876, No. 794.)

Read the following Proceedings of the Board of Revenue, dated 24th April 1876, Miscellaneous No. 3,343.

Read Proceedings of the Madras Government, Revenue Department, dated 28th March 1876, No. 749, requesting to offer opinion on memorandum from the Public Works Secretary, inquiring whether the present Public Workshops buildings at Chepauk about to be vacated can be utilized by any other office.

THE accompanying plans show how the block of buildings at Chepauk occupied by the Revenue Board, Survey Settlement, and Forest Departments, Consulting Engineer for Railways, Examiner of Railway Accounts, and Chepauk Agent is at present apportioned amongst the several departments. The available space is insufficient to meet the increasing requirements of the offices located therein, and additional room is especially required for the Board's office and the Survey and Settlement Departments. It will be seen that want of room has led to the utilization of portions of the verandahs for the Survey Photographers and Settlement Gumastahs.

2. The Board are, therefore, of opinion that the building at present used by the Public Works Workshops and Store Department can best be utilized by the transfer thereto of the offices of the Consulting Engineer for Railways and Examiner of Railway Accounts, and of the Chepauk Agent also, if room can be found. The

Board have ascertained that the only objection offered by the Consulting Engineer for Railways to the removal of his office to the building in question is its unsuitability for an office owing to the want of verandahs. The same objection applies to its utilization as an office by any other department, and it may be possible to remove this disadvantage by the addition of verandahs.

3. The location of the Revenue Survey and Settlement Departments in the same building with the Board is a great convenience, and they have, therefore, suggested the transfer of those departments, which are not from the nature of their duties in such constant communication, or so immediately connected with the Board of Revenue.

(True Extract.)

(Signed) C. A. GALTON,
Acting Secretary.

It will be considered in the Public Works Department whether the Consulting Engineer's Office and that of the Examiner of Accounts can be removed to the building lately used as the Public Works Workshops. In regard to the office of the Chepauk Agent orders will issue in the Political Department.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Secretary to Government.

TRANSFERRED to the Public Works Department for consideration when the replies are complete.

(Signed) W. HUDLESTON,
Chief Secretary.

No. 99-C. Endorsement of the Chief Secretary to Government, dated Ootacamund, 10th June 1876, No. 863.

From Colonel R. M. MACDONALD, Director of Public Instruction, to the Hon. W. HUDLESTON, Chief Secretary to Government, Fort St. George, dated Madras, 10th April 1876, No. 952.

I HAVE the honor, with reference to G. O., No. 323, of the 25th March, to recommend that the buildings used by the Public Works Workshops and Store Department be made over to the School of Arts.

2. I have gone over the buildings with Major Hunt, and agree with him in considering that they are admirably adapted for the purposes required. I beg to submit a letter of the 7th instant from that officer, and to request sanction for the arrangements suggested by him in paragraphs 2, 3, and 4.

3. The only portion of the buildings which will not be required for the School of Arts is the Foundry. Mr. Fowler, Inspector of Schools, Presidency Division, recommends that this building be appropriated to the Madrasa-i-azam, which is at present held in a very unsuitable house rented at Rupees 50 per mensem. It will probably cost 5,000 Rupees to convert the Foundry into a suitable building for a school, but it will be cheaper to pay that sum for a permanent building than to rent the present house. No difficulty will be found in entirely separating the Foundry from the other buildings.

TRANSFERRED to the Public Works Department for disposal.

(Signed) W. HUDLESTON,
Chief Secretary.

No. 99-D. Chief Engineer's Memorandum, 3rd August 1876, No. 1,174.

✓ No. 99-E. Proceedings of the Madras Government in the Revenue Department, dated 26th August 1876, No. 1,992.

Read the following papers :—

Proceedings of the Board of Revenue, dated 17th August 1876, Miscellaneous No. 7,003.

Read the following letter from Lieutenant-Colonel W. H. HESSEY, Superintendent, Revenue Survey, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated Chepauk, 1st August 1876, No. 2,325-78.

I HAVE the honor to bring to the notice of the Board the very crowded state of the rooms in this office. The men (Draughtsmen and Computers) are packed so closely together as seriously to interfere with their efficiency. Three and even four men are obliged to work at the same table; both the quantity and the quality of the work suffer from such close quarters.

2. The number of the men in each room is far greater than due regard to the purity of the air would seem to warrant. It is impossible to keep the doors open to the verandah as sudden gusts of wind might do valuable drawings incalculable damage.

3. In the long drawing room facing north there are at the present time 132 men (10 East Indians and 122 Natives). A portion of the room is set apart for the Office Assistant and the Manager. A considerable space is occupied by passage and gangway. Taking however the floor area of the room there is a space of 41 square feet for each person. The area thought safe in a barrack is 90 feet per man.

4. In the room facing west the men are still more crowded. Each man has only 40 square feet of floor. The photographic gallery adjoins this room.

5. Each person in a barrack should, I believe, have 1,800 cubic feet of air. In this office the men have but 864 in one room and 724 in the other.

6. In the lower floor we are sadly in want of room to store the large masses of records which are sent for deposit here on the completion of survey of districts. Boxes of valuable records are obliged to be kept in the passages.

7. The store-room is inadequate to contain the stationery, instruments, chemicals, &c.

8. I have the honor, therefore, to request that some additional space be allotted for the use of the survey.

9. I observe that the subject has already been noticed in Board's Proceedings of 24th April 1876, No. 3,343.

THERE is no additional space available for allotment to the Survey Department, and the same inconvenience is experienced by the Board and the Settlement Department. Colonel Hessey's letter will, however, be submitted to Government with reference to G.O., dated 1st May 1876, No. 1,003, transferring to the Public Works

*Proceedings of the Madras Government, Public Works Department,
7th September 1876. No. 2,392.*

and Political Departments for consideration the Board's Proceedings suggesting the removal of the offices of the Consulting Engineer for Railways, Examiner of Railway Accounts, and Chepauk Agent.

(A true Copy and Extract.)

(Signed) C. A. GALTON,
Acting Secretary.

Proceedings of the Board of Revenue, dated 18th August 1876, Miscellaneous No. 7,079.

Read the following letter from R. K. PUCKLE, Esq., Director of Revenue Settlement, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated Tinnevely, 12th August 1876, No. 3,006-85.

With reference to Board's Proceedings, No. 4,123, dated 19th May 1876, and in continuation of Mr. Rundall's letter enclosed in Board's Proceedings, No. 1,655, dated 28th June 1876, I have the honor to bring to notice the very serious inconvenience to which I am put for want of sufficient office accommodation.

2. At present I have an establishment of 143 people crowded into one room with a floor space of 1,978 square feet which is practically greatly reduced by the area occupied by 17 almirahs and 54 boxes of records; from this reduced space further deduction must again be made for small enclosures screened off for the Uncovenanted Assistant, Office Manager, and Record-keeper, so that the available space for 140 persons employed on the diglot writing of registers, correcting proofs for the Press, checking calculations, &c., is reduced to about 6 square feet per man, and these operations, which should be conducted with all possible care, have now to be performed in a babel of confusion and noise to the great detriment of a costly and important work.

3. The rooms adjoining now occupied by the Consulting Engineer for Railways have, I believe, a larger floor area than my crowded office, but one or more of these rooms are usually closed during the frequent tours of one or other of the Consulting Engineers, and even when both officers are at head-quarters their comparatively small establishment might easily find accommodation elsewhere.

4. The Consulting Engineer's work is in no way advanced by being conducted under the same roof with the Board, and these officers would have no objection, I presume, to vacate their rooms if suitable accommodation is found for them elsewhere. I beg therefore to suggest, for the Board's consideration, the advisability of taking some immediate steps in the matter as the loss of time and accuracy in a department that is controlling and recording the results of an expenditure of about three lakhs of Rupees per annum is very serious, and I believe that it would be better to rent a house for my department or for that of the Consulting Engineer for Railways rather than continue the present system until the Government Workshops are fitted as public offices.

SUBMITTED to Government in continuation of Board's Proceedings, dated 17th August 1876, Miscellaneous No. 7,003.

(A true Copy and Extract.)

(Signed) C. A. GALTON,
Acting Secretary.

*Proceedings of the Madras Government, Public Works Department,
7th September 1876. No. 2,392.*

THESE papers will be communicated to the Public Works Department in continuation of G.O., 1st May 1876, No. 1,003, with a request that early orders may be passed in that Department in regard to the proposed removal of certain offices from the Chepauk buildings to the old Public Works Workshops now vacant.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Secretary to Government.

No. 99-F. From Major P. MONTGOMERIE, R.E., Officiating District Engineer, Presidency, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Fort St. George, 28th August 1876, No. 2,893.

With reference to your memorandum, No. 1,174, dated 3rd August 1876, I have the honor to forward, for approval, a block plan of the Chepauk Workshop buildings showing the arrangements proposed for

accommodating the entire Public Works Secretariat.

- 1 Block Plan.
1 Statement.
2. A statement of the accommodation to be provided is enclosed.
3. I have been obliged to introduce a verandah in rear of the main building to afford a means of access to the different rooms, without which it would be impossible for the occupants to move without passing through the adjoining compartments.
4. I propose building up the existing store-sheds with the addition only of a row of pillars to lessen the span of the roof, and these pillars will divide the length of the rooms into record space and office.
5. At the suggestion of the Examiner the Foundry will be utilized as a general stationery stores under his immediate control.
6. Pending your approval to these arrangements, I have the honor to inform you that detail plans and sections of them on a large scale are being prepared from which to make out the estimate.

PUBLIC WORKS DEPARTMENT.

SECRETARIAT OFFICES.

Chepauk.

STATEMENT of the accommodation to be provided for each branch.

Rooms for Officials.

	Square Feet.
Public Works Library and Waiting-room	30 x 37½ = 1,125
Chief Engineer, Public Works Department	30 x 20 = 600
Assistant to do. do.	30 x 12 = 360
Consulting Architect and Assistant to do.	27 x 17½ = 472½
Chief Engineer, Irrigation Department }	
Assistant to do. do. }	27 x 27 = 729
Secretary, Public Works Department	27 x 17½ = 472½
Chief Engineer for Railways	27 x 17½ = 472½
1st Deputy do. ... }	
2nd do. do. ... }	27 x 27 = 729
Examiner of Railway Accounts	27 x 17½ = 472½
Do. of Public Works Accounts	30 x 20 = 600

*Proceedings of the Madras Government, Public Works Department,
7th September 1876. No. 2,392.*

Deputy Examiner of Public Works Accounts	...	...	30 × 12 =	360
Do. do. for Irrigation	...	...	32 × 15 =	480
Accounts, Library	...	...	32 × 15 =	480
Total for Officials				7,353

OFFICES.

Secretary, Public Works Department, Office Establishment.

[illegible]

Total for Secretary's Office ... 1,977

Chief Engineer's and Secretary's Library and Records.

Library	<i>Chief Engineer's and Secretary's Library and Records.</i>							
Records	...	...	...	...	...	...	...	164
Extra accommodation	...	...	...	...	...	...	...	283
	...	...	...	...	...	...	...	1
Total for Records								448

Chief Engineer, Public Works Department, Office Establishment.

Chief Engineer, Public Works Department, Office Establishment.					
1 Manager	...	...	...	...	12 × 20 = 480
1 Superintendent	...	...	...	...	12 × 16 = 192
5 Clerks	...	Correspondence Branch.	...	...	12 × 16 = 192
3 Do.	...		...	...	6 × 8 = 240
6 Do.	...		...	...	6 × 8 = 144
1 Superintendent	...	Registry	...	...	6 × 8 = 288
6 Accountants	...	Copying	...	...	12 × 16 = 192
12 Office Servants and extra accommodation provided	...	...	...	...	6 × 8 = 288
					153

Total for Chief Engineer's Office...	1,824
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Draughtsmen's Room.

4	Draftsmen, Correspondence	Total for Chief Engineer's Office...	1,824
3	Do.	<i>Draughtsmen's Room.</i>	
3	Do.	under Consulting Architect.	$8 \times 10 = 320$
2	Do.	under Chief Engineer's Assistant ...	$8 \times 10 = 240$
	do.	do. Irrigation ...	$8 \times 10 = 240$
	do.	do. Public Works Workshop Superintendent.	$8 \times 10 = 160$
	Extra accommodation and Head Draughtsmen ...		424

Total for Draughtsmen...	1,384
--------------------------	-------

Office of the Chief Engineer, Irrigation Branch.

						Total for Draughtsmen...	1,384
<i>Office of the Chief Engineer, Irrigation Branch.</i>							
3 Superintendents	...	...	...	...	...	...	
11 Clerks	...	...	...	...	...	...	
6 Draftsmen...	...	...	...	...	...	...	12 × 16 = 576
12 Almirahs...	...	...	...	...	...	...	6 × 8 = 528
Extra accommodation provided...	...	...	...	...	...	...	8 × 10 = 480
	...	...	...	...	...	...	2 × 8 = 192
	...	...	...	...	...	...	16
						Total for Chief Engineer, Irrigation Office ...	1,792

*Proceedings of the Madras Government, Public Works Department,
7th September 1876. No. 2,392.*

	<i>Office of the Chief Engineer, Railways.</i>					Square Feet.
1 Assistant...	...	...	...	...	...	300
13 Persons ...	...	...	...	...	...	1,300
Records ...	...	...	...	...	...	496
	Total for Chief Engineer, Railways					2,096

Office of Examiner, Railway Accounts.

1 Assistant	...	...	...	...	...	} 51 × 21 = 1,071
6 Persons and Records	...	...	...	...	...	

Office of the Examiner, Public Works Accounts.

Office Establishment	...	...	...	...	154 × 21 = 3,234
Do.	...	...	...	...	135 × 21 = 2,835
Records	...	...	...	...	154 × 9 = 1,386
Do.	...	...	...	...	135 × 21 = 1,215

Total for Examiner's Office	...	8,670
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General Stationery and Stores	...	...	$109\frac{1}{2} \times 57 = 5,900$
4 Tiffin-rooms for Clerks, &c.	...	...	$21\frac{1}{2} \times 18\frac{1}{2} = 1,591$
2 Lavatories for Office	...	...	$12 \times 10 = 240$

28th August 1876.

(Signed)

P. MONTGOMERIE, Major, R.E.,

Offg. District Engineer, Presidency.

No. 92-G. From Colonel W. T. F. FAREWELL, Officiating Deputy Chief Engineer, Public Works Department, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Fort St. George, 29th August 1876.

AGREEABLY to the orders conveyed in your Memorandum, No. 1,174, of the 3rd of August, I have the honor to submit a plan of the accommodation available in the Public Works Stores and Workshops at Chepauk, showing the mode in which it is proposed to distribute it so as to contain offices for—

- (1.) Chief Engineer, Department Public Works.
- (2.) Do. for Irrigation.
- (3.) Do. for Railways.
- (4.) Secretary, Public Works Department.
- (5.) Examiner of Public Works Accounts.

2. The area required by each officer for himself, Assistants, and Office Establishment, has been obtained in communication with the officers concerned, and strictly adhered to; while the space for the Chief Engineers' and Secretary's Offices has been arrived at by assuming the Establishment, laid down in Memorandum by Major Scott, R.E., on the subject, as being correct, or nearly so.

3. Great care has been taken in making the requisite division of space, and with the exception of two short verandahs, by which alone access can be gained to the various offices without making thoroughfares of the rest, no addition to the building is contemplated.

4. The plan showing the whole arrangements proposed is submitted for approval; in the meantime the plan and estimate for the work is on hand, and, on the receipt of orders on this letter, will be completed and submitted immediately.

*Proceedings of the Madras Government, Public Works Department,
7th September 1876. No. 2,392.*

5. In company with the District Engineer and Superintendent of Public Works Workshops, I have inspected the Workshops Stores at Chepauk, and also those at the Seven Wells; and called upon the General Superintendent definitely to report when the Chepauk Shops and Stores can be entirely vacated. I am glad to be able to state that much greater activity has lately been shown in the matter of removal of stores, &c.; and the progress of the Workshops and Stores at the Seven Wells is creditable to the General Superintendent; still however much remains to be done before the shops will be in a condition after final removal to commence regular work again.

6. The General Superintendent's letter is attached for reference; it will be observed that he states he can, completing all emergent work on hand, finally vacate the buildings in the middle of November; at the same time the whole of the southern wing can be vacated almost immediately, and thus, if Government wished it, the alterations to this part of the building could be taken in hand, and it could be done at once.

No. 100.

ORDER THEREON, 7th September 1876, No. 2,392.

CIVIL WORKS, No. 6-B.

HIS GRACE the Governor in Council
approves of the proposed distribution of
the offices of the

Chief Engineer, Public Works Department,
Chief Engineer, Irrigation,
Consulting Engineer for Railways,
Secretary, Public Works Department,
Examiner, Public Works Accounts,

in the building about to be vacated as a Public Works Workshops and Stores. And directs that detailed plans and estimates be submitted for carrying it into effect. The southern wing and southern half of the main building will be at once availed of by the Consulting Engineer for Railways, and the space at present occupied by him in the Chepauk Palace given up for additional accommodation for the Revenue Survey and Settlement Offices. Room for the Chepauk Agent can probably be found in portion of the adjoining building vacated by the late Inspecting Engineers for Buildings and Communications. The Deputy Chief Engineer will report the space required and that available.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the District Engineer, Presidency.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Consulting Engineer for Railways.
" Deputy Chief Engineer, Public Works Department.
" Board of Revenue.
" Public, &c., Departments.

Exd. A. Grubert.
Spare Copies

No. 529

Memorandum.

The undersigned is directed to
intimate that the building at present used
by the Public Works Workshops and Store
Department at Chepauk, will, on being
vacated for the premises in course of erection
at the Seven Wells, will be available for
occupation as public offices, and to enquire
whether it can be utilized by any of the
offices in correspondence with the Chief
Secretary.

G. W. Walker Major-General R.E.

For St. George
12 March 1876

Secretary to Govt.
P.W.D.

To,
The Chief Secretary to Government.

1000 1000 1000 1000
1000 1000 1000 1000
1000 1000 1000 1000
1000 1000 1000 1000

12

General of Police _____
to the Chief Secretary to Government, dated 29th March 1876 at 1524.

629
8-76

1954

1

Andrews

S

10

Am I not by your

J. W. Spaulding

Aut. 22.9
Sept. 23.2 } March 1/96

151291

Comm. 2th S. G. of Mass
 & Jails. 2nd S. G. of Mass
 Union Mass. of Mass.

no 2573

Mr. General of Police
Director of Public Instruction
Senior Deputy of Police

171-172

1. In giving orders to
building men, read
by the N.Y. Monitor
& Standard of the
bank and he will
by any of the officers
in correspondence
with the Chief Clerk.

Rev. 1876 Dept.
No: 2453

Public Dept.

Dated 3 April
Recd. 4 May

No.

1876, No. 366

Govt. of 1873 Madras.

Commdy. letter of
the Inspr. Genl. of Police
stating that the P. W.
Stores building cannot
be utilized in the
Police Dept.

No 99A-

Cii-2-9.76 Mdd 7-9.76

of Sheet 65 Aug 8

Depd to on 22-6-76

No 3

Revenue department

Proceedings of the Madras Govt.

Read the following
Proceedings of the Board of Revenue
dated 24th April 1876, No. 3343.

Read Proceedings of
the Madras Government, Revenue
department, dated 28th March 1876,
No. 749, requesting to offer
opinion on memo from the
Public Works Secretary, enquiring
whether the present Public
Workshops buildings at Chepauk
about to be vacated can be
utilized by any other office.

The accompanying
plans show how the block
of buildings at Chepauk occu-
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Survey Settlement and Forest
departments; Consulting Engineer
for

for Railways Examiner of Rail-
way Accounts and Chepauk
Agent is at present apportioned
amongst the several depart-
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is insufficient to meet the in-
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way Accounts, and of the
Chepauk Agent also, if room
can be found. The Board
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to the want of verandahs.
The same objection applies
to its utilization as an office
by any other department
and it may be possible to
remove this disadvantage
by the abolition of verandahs.

3. The location of the
Revenue Survey and Settlement
Departments in the same building with the Board

of Arts is the Foundry. Mr. Fowler, Inspector of
Schools, Presidency Division, recommends that this
building be appropriated to the Madrasa-i-Azam
which is at present held in a very untenable
house rented at Rupees 50 per mensem. It will
probably cost five thousand Rupees to convert
the Foundry into a suitable building for a
school, but it will be cheaper to pay that sum
for a permanent building than to rent the
present house. No difficulty will be found
in entirely separating the Foundry from the
other buildings.

I have the honor to be,
Your most obedt servant,
R. M. Christie,
Director of Public Instruction.

For Mr. ...
...

Handwritten notes at the top of the right page, including "The Foundry" and "Madrasa-i-Azam".

Handwritten notes in the middle of the right page, including "The Foundry" and "Madrasa-i-Azam".

Handwritten notes at the bottom of the right page, including "The Foundry" and "Madrasa-i-Azam".

No. 863

P.W.D.
9 SEP 76

Transferred to the Public Works Department for disposal.

Approved
10th June 1876 }
W. H. Public Works Dept
10th June 1876. }
Chief Secretary
with enclosure.

Recommendation that the buildings used by the Public Works Department & other Dept be made over to the School of Arts as they are found to be well adapted.

Transferred

Encls. one

To Mr. 11/169

Notes 10th }
Recd 17th } April 1876.

From
The Director of Public Instruction
to the Chief Secretary
to Government
J. S. George

Class. 1876

CP 7 September 76 - 2392

No 996.

Recd on 9/9/76
Cii - 2-9-76
Cii - 12-6-76
M. S. Shub 65 Aug 76

ND

10

P.W.D.

9 SEP 76

No 44

Transferred to the Public Works Dept.
Department for construction of the
Public Works Department. Chief Secretary
29 May 1876

Recd on 9/9/76
Cii - 2-9-76
M. S. Shub 65 Aug 76

Public (1876) DEPARTMENT.

From
Pres. of Government
Public Works Department

No. 1803

Ch. Secy's Memo No 878 of
29-5-76

Dated

Received

No.

No. 288

Regarding the utilization of the P.W. Workshop buildings by other offices.

Transferred

NP/5

Revenue Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

READ

the following:

Miscellaneous No 7003

Proceedings of the Board of Revenue
dated 17th August 1876.

Read the following:

No 2325
78

From

The Superintendent
Revenue Survey

To The Secretary to the Board
of Revenue

Sir,

Have the honor to bring
to the notice of the Board the
very crowded state of the
room in this office. The men
(Draftsmen and Copyists)
are packed so closely together
as

as seriously to interfere with their efficiency. Three and even four men are obliged to work at the same table; both the quantity and the quality of the work suffer from such close quarters.

2. The number of the men in each room is far greater than due regard to the purity of the air would seem to warrant. It is impossible to keep the doors open to the Verandah as such drafts of wind might do valuable drawings incalculable damage.

3. In the long drawing room

8
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4. In the room facing west the men are still more crowded. Each man has only 40 square feet of floor. The Photographic gallery adjoins this room.

5. Each person in a barracks

harrack should, I believe, have
1800. Cubic feet of air. In this
Office the men have but 864
in one room and 724 in
the other.

6. In the lower floor
we are sadly in want of
room to store the large masses
of records which are sent for
deposit here on the completion
of Survey of Districts. Boxes
of valuable records are obliged
to be kept in the passages.

7. The storeroom is
inadequate to contain the
stationery, instruments, Chemi-
cals &c.

8. I have the honor there-
fore to request that some
ad-

additional space be allotted
for the use of the Survey.

9. I observe that the sub-
ject has already been noticed
in Board Proceedings of

24th April 1876 No. 3348.

Revenue Survey Office } I have the
Chennai } signed H. B. Messy
1st August 1876. } Supdt. Revenue

There is no additional space
available for allotment to
the Survey department and
the same inconvenience
experienced by the Board
and the Settlement depart-
ment. Colonel Messy's
letter will, however, be sub-
mitted to Government
with

with reference to G.O.
dated 1st May 1876 No. 1003
transferring to the Public
Works and Political De-
partments for considera-
tion the Board's Proceed-
ings suggesting the re-
moval of the Offices of the
Consulting Engineer for
Railways, Examiner of Rail-
way Accounts and Chief
Agent.

True Copy & Extract
Signed C. A. Gallon
Acting Secretary

996.

Miscellaneous.

10
10
Revenue Department
Miscellaneous No. 4099

Proceedings of the Board of Revenue

Dated 18th August 1876

Read the following

Letter No. 3006
85

From the Director of Revenue
to the Secretary to the Board of Revenue

Sir,
With reference to Board's Proceedings,
No. 4123, dated 19th May 1876, and in continua-

tion of the Board's Proceedings, No. 1655, dated 28th June
1876, I have the honor to bring to notice

the very serious inconvenience to which
I am put for want of sufficient office
accommodation.

At present I have an establish-
ment of 143 people crowded into one
room with a floor space of 1478 square
feet which is practically greatly reduced

by

by the police, occupied by 17 admirals
and 54 boxes of records from which
reduced space further deduction must
again be made for small enclosures
screened off for the Unaccounted Assistant,
Office Manager and Records Keeper, so that
the available space for 140 persons en-
gaged in the Discharge of registers,
correcting proofs for the Press, checking
calculations &c is reduced to about
6 sq. ft. per man, and these operations
which should be conducted with all
possible care, have now to be performed
in a hall of confusion and noise
to the great detriment of a costly and
important work.

3. The rooms adjoining now occupied
by the Consulting Engineer for Railways
have, I believe a larger floor area
than my crowded office but one or
more of these rooms are usually
closed

closed during the frequent tours of
one or other of the Consulting Engineers
and even when both officers are at
head quarters their comparatively
small establishment might easily
find accommodation elsewhere.
However the Consulting Engineer's work
is in no way impeded by being conducted
under the same roof with the Board
and these officers would have no
objection, I presume, to vacate their
rooms if suitable accommodation is
found for them elsewhere. I beg
therefore to suggest for the Board's
consideration the advisability
of taking some immediate steps
in the matter as the loss of time
and accuracy in a department
that is controlling and recording
the results of an expenditure
of

of about 3 lacs of Rupees per annum
 is very serious and I believe that
 it would be better to rent a house
 for my department or for that of
 the Consulting Engineer for Railways
 rather than continue the present
 system. until the Government
 Workshops are fitted as public
 offices.

Rev. Secy. Office
 I have the pleasure to
 acknowledge the receipt of your
 letter of the 12th inst. 1876.
 I am, Sir, very respectfully,
 Yours,
 Sd/- R. H. Puckle
 Dir. of Rev. Secy.

Submitted to Government
 continuation of Board's Pro-
 ceedings dated 17th August 1876.

Memo No. 7003.
 (True Copy & Extract)
 Sd/- C. B. Galton
 Secy.
 To The Secretary to Government R. D.
 Order.

Order thereon 26th August 1876 No. 1992.

These papers will be communi-
 cated to the Public Works Department in
 continuation of G.O. 1st May 1876 No. 1003,
 with a request that early orders may be
 passed in that Department in regard to
 the proposed removal of certain offices
 from the Chhapank buildings to the old
 Public Works Workshop now vacant.

(True Extract)

Sd/-
 Secretary to Govt.

To The Public Works Department.

Exd. C.

P.W.D.
9 SEP 76

Order to be sent to the Chief Engineer, P.W.D., for the purpose of obtaining the necessary sanction for the proposed plan of the Workshop buildings.

*Enclosed for the Chief Engineer, P.W.D., are the following documents:—
1. A plan of the Workshop buildings, showing the arrangements proposed for accommodating the entire P.W.D. Secretariat.
2. A statement of the accommodation to be provided in the proposed buildings.
3. A plan of the proposed verandah, showing the means of access to the different rooms, without which it would be impossible for the occupants to move without passing through the adjoining compartments.
4. A plan of the proposed building up the existing store sheds with the addition of a row of pillars.*

(Signed) [Signature]

Chief Engineer, P.W.D.

*Enclosed for the Chief Engineer, P.W.D., are the following documents:—
1. A plan of the Workshop buildings, showing the arrangements proposed for accommodating the entire P.W.D. Secretariat.
2. A statement of the accommodation to be provided in the proposed buildings.
3. A plan of the proposed verandah, showing the means of access to the different rooms, without which it would be impossible for the occupants to move without passing through the adjoining compartments.
4. A plan of the proposed building up the existing store sheds with the addition of a row of pillars.*

2392
Sept 7/76

Recd - 24.9.76
Cii - 2.9.76 Mtd 7.9.76
A.H. Shukla Dygk.

No. 2893,
From,
The District Engineer
Presidency
To,
The Chief Engineer,
Dept. Public Works.

Encl:
Block plan
Statement.

With reference to your Memo. No. 1174, dated 3rd August 1876, I have the honor to forward for approval a block plan of the Workshop buildings showing the arrangements proposed for accommodating the entire P.W. Secretariat.
A statement of the accommodation to be provided is enclosed.
I have been obliged to introduce a verandah in rear of the main building to afford a means of access to the different rooms, without which it would be impossible for the occupants to move without passing through the adjoining compartments.
I propose building up the existing store sheds with the addition of a row of pillars to

to lessen the span of the roof, and these pillars will divide the length of the rooms into record space and office.

5. At the suggestion of the Examiner the Foundry will be utilized as a general Stationery stores under his immediate control.

6. Pending your approval to these arrangements, I have the honor to inform you that detail plans and sections of them on a large scale, are being prepared from which to make out the estimate.

I have the honor to be

Srs,

Your most obedient servant

Charles Lewis Napier

Offg. District Engineer
Residency

Fork St. George.

28th Aug. 1876.

E. L.

47

fat.

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72 1/2

472 1/2

729

472 1/2

600

360

480

480

352

P.W.D.

29/10/76

No

For
The District Engineer
Residency
The Chief Engineer
S.M.

Dated 20/10/76
Recd

Encl. No. 2893.

1 x 1000 ft. from 6 ft. to 10 ft. for approval
a block plan of the

Chapman's Workshop

building showing the

arrangements (structure)

for accommodating the

into the Secretariat.

7 September/76 No. 2392

2/10/76

cc-1-9.76 M.A. 7-9.76
Dep't to Gt. 29-8-76.

SP 15
21

P.W.D.

Secretariat Offices.

Chapman's.

Statement of the accommodation
to be provided for each Branch.

Rooms for Officials.

	Sq. ft.
P.W. Library and Waiting Room - $30 \times 37\frac{1}{2}$	= 1125
Chief Engineer, P.W.D. - 30×20	= 600
Assistant to - do - 30×12	= 360
Cons. Architect & Asst. to - do - $27 \times 17\frac{1}{2}$	= 472 $\frac{1}{2}$
Chief Engineer, Irrigation Dept. } 27×27	= 729
Asst. to - do - $27 \times 17\frac{1}{2}$	= 472 $\frac{1}{2}$
Secretary P.W.D. - $27 \times 17\frac{1}{2}$	= 472 $\frac{1}{2}$
Chief Engineer for Railways - $27 \times 17\frac{1}{2}$	= 472 $\frac{1}{2}$
1 st Dy. - do - 27×27	= 729
2 nd Dy. - do - $27 \times 17\frac{1}{2}$	= 472 $\frac{1}{2}$
Examiner of Railway Accounts - 30×20	= 600
Examiner of P.W. Accounts - 30×12	= 360
Dy. - do - 32×15	= 480
Dy. - do: Irrigation. - 32×15	= 480
Accounts, Library. - 32×15	= 480
Total for Officials	7353

Offices.

Secretary W. W. P. Office Establishment.

2. Assistants $12 \times 20 = 480$ sq. ft.

1. Superintendent $12 \times 16 = 192$.
5. Clerks $6 \times 8 = 240$.

1. Superintendent $12 \times 16 = 192$.
5. Clerks $6 \times 8 = 240$.

4. Clerks $6 \times 8 = 192$.
3. Accountants $6 \times 8 = 144$.

1. Mowhee
1. Duffadar
4. Peons. 195 .

Extra accommodation provided 102 .

Total for Secretary's Office sq. ft. 1977

Chief Engineer's and Secretary's Library and Records.

Library 164 .
Records 283 .

Extra accommodation provided 1 .

Total for Records 448

Chief Engineer, W. W. P. Office Establishment.

1. Manager $12 \times 20 = 480$.
1. Superintendent $12 \times 16 = 192$.
5. Clerks $6 \times 8 = 240$.

3. Clerks $6 \times 8 = 144$.
6. Clerks $6 \times 8 = 288$.

1. Superintendent $12 \times 16 = 192$.
6. Accountants $6 \times 8 = 288$.

12. Office servants and extra, accom- 153 .

modation provided 1824 .

Total for Chief Eng's Office 1824.

Draftsmen's Room.

4. Draftsmen, Const. Branch under Const. Archt. $8 \times 10 = 320$.
3. — do. — under Chief Eng's Archt. $8 \times 10 = 240$.
3. — do. — do. — Irrigation. $8 \times 10 = 240$.

2. — do. — do. Mr. Workshop Supt. $8 \times 10 = 160$.

Extra accommodation and Head 424 .

Draftsmen 1384 .

Total for Draftsmen

Office of the Chief Engineer.
Irrigation Branch.

3. Superintendents $12 \times 16 = 576$
 11 Clerks $6 \times 8 = 528$
 6 Draftsmen $8 \times 10 = 480$
 12 Almshouses $2 \times 8 = 192$
 Extra accommodation provided 16
Total for Chief Engr. Irrig. Office 1792.

Office of the Chief Engineer, Railways.
 1 Assistant 300.
 13. Persons 1300.
 Records 496.
Total for Chief Engr. Railways - 2096.

Office of Examiner Railway App.
 1 Assistant
 6 Persons, and Records } $51 \times 21 = 1071$.

Office of the Examiner
to W. Accounts.

Office Establishment $154 \times 21 = 3234$
 do. $135 \times 21 = 2835$
 Records $154 \times 9 = 1386$
 do. $135 \times 21 = 1215$
Total for Examiner's Office 8670.

General Stationery, and Stores $109 \frac{1}{2} \times 57 = 5900$
 4 Tiffin Rooms for clerks &c. $2 \frac{1}{2} \times 18 \frac{1}{2} = 1591$
 2 Lavatories for Office $12 \times 10 = 240$

28th August 1876.

Charles Meier Major R.E.
 Offg. District Engineer
 Presidency

Encl.

P.W.D.

29 11 76

No 1

Recd 28th Aug 76

Statement of the
accommodation to be
provided in the
Public Workshops
by Mr. Officer

No 99 Fr.

24 18

From
Colonel W. T. Farwell
By Chief Engineer P.W.D.
To Major General G. W. Walker
Chief Engineer P.W.D.

Sir. Agreeably to the orders
conveyed in your memorandum
No 1174 of the 3rd of August, I
have the honor to submit a plan
of the accommodation available in
the Public Works Stores and
Workshops at Chepauk, showing
the mode in which it is proposed
to distribute it so as to contain

- Offices for -
1. Chief Engineer P.W.D.
 2. " " for Irrigation,
 3. " " for Railways,
 4. Secretary Public Works Dept.
 5. Examiner of P.W. Accts.

The area required by
each Officer for himself, Accts
and

D W H

and Office Establishment, has been obtained in communication with the Officers concerned, and strictly adhered to; while the space for the Chief Engineers' and Secretaries' Offices has been arrived at by assuming the Establishment, laid down in memorandum by Major Scott. R.E. on the subject, as being correct or nearly so.

Great care has been taken in making the requisite division of space, and with the exception of two short verandas, by which alone access can be gained to the various Offices without making thorough fares of the rest, no addition to the building is contemplated.

The

The plan showing the whole arrangements proposed is submitted for approval; in the meantime, the plan and Estimate for the work is on hand, and, on the receipt of orders on this letter, will be completed and submitted immediately.

In company with the District Engineer and Superintendent of Embarkation Works, I have inspected the Works shops, I have Chepank, and also those at the Seven Wells; and called upon the Genl. Superintendent definitely to report when the Chepank shops and Stores can be entirely vacated. I am glad to be able to state that much greater activity has lately been shown in the matter of removal of stores.

Stores &c; and the progress of
the Workshops and Stores at the
Seven Mills is creditable to the
Genl Superintendent; - still however
much remains to be done before
the shops will be in a condition
after final removal to commence
regular work again.

The Genl Superintendent's letter
is attached for reference; it will
be observed that he states he
can, completing all urgent work
on hand, finally vacate the
buildings in the middle of Nov^r;
at the same time the whole of
the Southern wing can be vacated
almost immediately, and thus, if
Government wished it, the alterations
to this part of the building could
be

26 20
be taken in hand ^{and} - it could
be done at once -

I have the honor to be
Sir

Your most Obedt^l

W. H. C. C. L.

Offg: Dy Chief Eng^r

Fort St. George }
29th August }

P.W.D.
SEP 76

No.

101551

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MEMORANDUM. 11/16

Letter Number 101551
dated the 31st Aug 1876
from the District Engineer of

- The Chief Engineer is instructed to design that plan and estimate be prepared at an early date for the utilization of the P.W. stores and workshops at Chepauk as offices for
1. Chief Sup. P.W.D.
 2. for Irrigation
 3. for Railways
 4. Secretary P.W.D.
 5. Examiner P.W. Accounts.

No mtlay is to be at present provided for on verandahs, or on architectural embellishments. All that is wanted is the distribution of existing office establishments as may be most convenient in the existing buildings, supplemented of course as may be found necessary. The foundry for instance may be restored and adapted.

2. For the present the numerical strength of the offices of 12.4 may be assumed to be that laid down in Major Leath's memo of March last still in circulation but of which doubtless a rough draft exists in the Irrigation office

The present space for various offices has led to various suggestions for additional numbers may be provided. The fort is overcrowded it is most undesirable in the present sanitary government to erect additional buildings there. The proposal to erect another story in the central building is worthy & not a movement in

90-7 September 76 N 2392

N: 99 G

Recd from 9-9-76
Cm 2-9-76 Oth 7-9-76
D.H. Smith & Co.

office. An arbitrary division
will however have to be made
between Nos 1 and 4 of the
present Secretariat office
Establishment.

3. The preparations of this
plan and estimate will rest
with the Presiding Engineer
under instructions from the
Chief Engineer at Madras,
who will be so good as to con-
-sult the Consulting Engr.
for Railways and the Secy
P.W.D. as to the accommo-
-dation required for their
offices -

21. 4. 11. 11.
copy 3.8.76.

P.S.

The Plans of proposed
alterations to the Secretariat
Buildings in the Fort, and
to the P.W. Stores and Work-
-shops already sent in, are
returned, not approved.

3/8/76

21. 4. 11. 11.

2. Col. Farewell by Chief Engr. P.W.D.
Copy to be made at Madras for
Maj. R. Montgomerie
D.S. Presiding Engr.

Ch. Engr. P.W.D.

The present plan
will be considered
The plan
The plan
The present plan
additional space
In various places
led to various suggestions
The additional accommodation
may be provided

The Fort is overcrowded
it is most undesirable
on the present plan
Sanitary grounds
to erect additional
buildings there

The proposal to erect
another story in the
Central building is
costly & not a
convenient one

From examining the
dimensions it seems
probable that the
Great Public Works
Shops &c. at Chepauk
will accommodate the
Whole P.W.D.
including Chief Engineer
C. Engineer for Irrigation
Consulting Engineer for
Railways. Secretary
for Public Works -
with their dependent
offices - as well as the
Engineer of P.W.
Accounts -

This would not be
an inconvenient situation
if the whole department
were brought together

I would suggest that
it be referred to the
C. Engineer & the
Executive report. His
Hon. department will
be accommodated therein -
without modification
of the building
having regard to the
agency of the need
which requires immediate
provision arrangements
to be made & send
out of the question
any present remodeling
of the external features
of the building -
If possible it be desired
to add verandahs
& ~~give~~ other minor things
the building - it can

Be as early done at
a future time as now
and finally done
early done
Attends J. H. 21/7/76

Letter from Col. Faure on
Harris's suggestion
25/7/76
I fully inclose
J. H. 21/7/76

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 7th Sept 76.
again
Read the following:-

- (Proceedings of the Public Department) (S.B. No 323 of 25th March 1976)
- Read also
- (Proceedings Public Department) (" 366 of 3rd April 1976)
- (Progs: Rev. Dept. through the Political Department) (" 1053 of 1st May 1976)
- (Endorsement Educational Dept.) (" 863 of 15th June 1976)
- (Chief Engineer's Memo: " 1174 of 3rd Aug 1976)
- (Progs: Revenue Dept " 1992 of 26th do)
- (Letter from District Engineer Presidency " 2893 of 28 do)
- " from Dy Chief Engineer " 29th do

His Grace the Gover-
nor in Council approves
letter that the apportionment of the proposed distribution
has been made in con- of the offices of the
-ultation with the several Chief Engineer. Public Works Dept.
offices concerned as regards Chief Engineer - Irrigation
space required for their Consulting Engineer for Railways
several offices - Secretary, Public Works Dept.
Examiner, Public Works Accounts
in the building about to be

MA 4/4
MK
3/9 -

vacated as a Public Works
 Workshop and Stores. And
 directs that detailed Plans
 and Estimates be submitted
 for carrying them into effect.
 The Southern wing and
 Southern half of the main
 Building will be at once
 vacated, of by the Consulting
 Engineer for Railways, and
 the space at present occu-
 pied by him in the Chepauk
 Palace given up for addi-
 -tional accommodation
 for the Revenue Survey
 and Settlement Offices.
 Room for the Chepauk Agent
 can probably be found in
 portion of the adjoining
 building vacated by the
 late Inspecting Engineer
 for Buildings and Com-
 munications. The Deputy
 Chief Engineer will report
 the

22
 the space required and
 that available. 30

St. Inq. Precedency ✓
 Ch. Inq. for Inq. ✓
 Examiner, Mr. Ault ✓
 Conf. Inq. for Railways ✓
 by Chief Inq. Br. ✓
 Board of Revenue ✓
 Public, & Depts ✓

ms des. 1/9/76

Des. 30/9/76

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Oct. of 1876 Madras.

PUBLIC WORKS.

To

The District Eng^r & Prison Secy

Dated

Issued

Recd.

Encl.

G. O. 7th Dec 1876, No. 2292

Nos. 99-100

N^o 99-100

Ent^d in Reg^r
20-10-76

Public Works Workshops
& Stores, Chepauk

Issuing orders on the
subject of the proposed
introduction of certain Officers
into the line of duty about
the vacant ones by the

Sup^r of Public Works
Chepauk

Sup^r of Public Works
Chepauk

Please
and
for
W.S.

N^o 99-100