

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.
Con 8/3/59

G.O. No.	<i>497</i>	Press
		<u>Mis.</u>
<i>44</i>	Dated	<i>1-3-18 5.9</i>

Not to be folded or roughly handled

SP

Fort Saint George, Public Works Consultation of 8th March 1859.

Read the following

No. 40. Extract from the Minutes of Consultation in the Military Department, dated 4th January 1859, No. 38.

Observing that under the circumstances stated it is not necessary to call for a further report on the subject of converting the European Serjeant's houses, and the Regimental Magazine of the Sapper Militia into a fortified keep. } (Vide Military Consultation, 4th January 1859, Nos. 74-75.)

No. 41. Extract from the Minutes of Consultation in the Military Department, dated 21st January 1859, No. 267.

Approving Plans and Estimate for Public buildings and Lines for Madras Sapper Militia and stating that the most energetic measures should be adopted for the immediate construction of the work. } (Vide Military Consultation, 25th January 1859, Nos. 65 at 67.)

No. 42. Extract from the Minutes of Consultation in the Military Department, dated 1st February 1859, No. 433.

Observing that orders have been passed for immediate execution of the sum connected with the building of the additional wing to the Hospital of the Native Veteran Battalion. } (Vide Military Consultation, 1st February 1859, Nos. 133-134.)

No. 43. ORDER THEREON, No. 496; dated 4th March 1859.

Ordered that the above Extracts Minutes of Consultation in the Military Department be recorded, and that the following letter be dispatched to the Government of India.

(Signed) J. D. BOURDILLON,
Secretary to Government.

No. 44. Ordered in consequence that the following letter be despatched.

From J. D. BOURDILLON, Esq., Secretary to the Government of Fort Saint George; to Major R. STRACHEY, Officiating Secretary to the Government of India, dated 4th March 1859, No. 497.

SIR,

I am directed by the Right Honorable the Governor in Council to submit for the early

* 3 Plans, viz.
One shewing proposed Lines.
do. } Place of Arms, European Serjeant's
do. } Quarters, Magazine &c.
do. } Hospital &c.
2 Estimates, viz., one for 2,40,000 Rupees, and one for 2,600 Rupees.
Also a Specification.

† See also letter from this Department, dated 19th May 1858, No. 952.

orders of the Government of India, the accompanying Plans and Estimates* amounting in the aggregate to 2,42,600 Rupees, for the erection of Lines, Hospital, and Subsidiary Buildings, for the Madras Sapper Militia, a Corps recently organized and incorporated as a part of the Garrison of Fort St. George, and whose formation was reported in the Military Secretary's letter† dated 21st July 1857, No. 2413.

2. In reply to Mr. Forbes' letter of the 5th February 1858, No. 205, submitting a rough estimate of 2,73,000 Rupees for the above purpose, this Government was informed in your letter dated 19th July 1858, No. 3351, that as the late Honorable Court of Directors had prohibited the construction of Barracks for Native Troops, the Government of India as then advised were unable to sanction the erection of the proposed Buildings for the Sapper Militia; but that at the same time, if there were any special reasons in support of the proposal, due consideration would be given to it. In bringing forward the proposition again, I am instructed therefore to submit the following explanation. The usage of the Madras Army may not perhaps be quite understood in Bengal, and it may be thought that the Sepoys here live in Barracks as European Troops do; but it is not so. The Buildings termed Barracks, include, as explained in Mr.

Fort Saint George, Public Works Consultation of 8th March 1859.

Forbes' letter, Serjeant's Quarters, Store-rooms, Guard-rooms, a place of Arms, solitary Cells, Magazine &c., but not house accommodation for the Sepoys.

3. For the latter purpose it is proposed to erect long buildings termed "Lines." The practice in this Presidency in cases where there are no such Lines constructed at the Government expense, is to give each individual of a Native Regiment on its arrival at a new station, a sum according to Rank on the scale noted in the margin, to enable him to provide a house for himself. From 1843 to 1858, it is calculated that no less than thirty-two Regiments have been stationed on duty at Madras, or an average of about two per annum; and as each

	Rupees.
Subadar.....	24
Jemadar.....	12
Havildar.....	4
Fife and Drum Major.....	4
Naigue.....	3
Private.....	2

of these Regiments received hutting money, it may be easily computed how large a sum of money the Government must have expended in assisting the Sepoys to house themselves. At the same time, the sum given to each man is so small, that it is utterly impossible that he can either purchase, or erect a suitable dwelling for himself out of it. The consequence is, that the Sepoys inhabit hovels quite unfit for the occupation of human beings, and the Regimental Hospitals are crowded with sick. A strong instance of the advantage of erecting Lines for the accommodation of Sepoys is afforded at the Presidency itself, where the Regiment located at the suburbs of Perambore has seldom half the sick in it, that the Regiment in Vepery has, arising chiefly from the fact that the former occupies good and substantial Lines erected by the Government, while the men of the latter live in hovels, said to be "literally not fit for animals to be stalled in." It is properly represented by the Military authorities that "by the Government building lines at the Presidency, there will of course in the first instance, be a large outlay comparatively speaking; but this in time will be more than re-paid by the saving of the constant drain of hutting money every few months; and the increased health, efficiency, and social as well as moral improvement, in the Regiments will give more than an ample return as interest upon the money."

4. Next, with reference to the desire of the Government* of India, to have a report from properly qualified Military Officers, as to

whether the proposed fortified keep enclosing the European Serjeants' houses, and the Regimental Magazine &c., of the Sapper-Militia, could be really held against an enemy, I am directed to explain that the Plan was not designed to do more than render capable of resistance against a mob, during the only disturbances of the Public peace likely to occur at Madras, such as grain riots or caste quarrels, a collection of buildings utterly indefensible if constructed on the Plan usually followed; and that the only building at present in the vicinity is an unfinished Roman Catholic Church. There is no intention whatever of making the place capable of resisting guns or a regular enemy and it is presumed therefore that there will be no necessity to call for any report on the subject.

5. For the purpose here referred to, viz. for the place of Arms, Serjeants' Quarters Store rooms, &c. the Government have engaged at a monthly rent of 175 Rupees a large building near the Seven wells, formerly used as a Cotton Screw-godown by a private firm. The building would have been purchased at once, but that the Government Solicitor declared the title to be unsatisfactory; and a reference to the Trustees in England has been made in consequence. Pending a reply, the Government have been allowed to take the building at the above rent, with right of possession however until the Law Officer shall report the Title Deed to be satisfactory for purchase. On emergency, the lower story has been already converted into a place of Arms and furnished with the necessary teakwood stands, under an estimate of 1,750 Rupees as the Right Honorable the Governor in Council was of opinion that it was of the utmost importance to concentrate in one spot the men of the Sapper Militia, who were scattered over all parts of Madras, and make them available for duty as early as practicable.

6. With this explanation, I am to re-submit the project which now comes before the Government of India based on well considered plans and estimates. The estimates are two in num-

Fort Saint George, Public Works Consultation of 8th March 1859.

ber; one being for 2,40,000 Rupees and the other for 2,600 Rupees. The larger estimate provides for the following works.

	Rs.	Rs.
For constructing 16 Lines for 8 Companies of Sapper Militia.....	2,08,000	
For do. Quarters for 9 Buglers	2,270	
For do. 4 Privies for the Sapper Lines, and for sinking a well at each	2,720	
For constructing main and side Drains laying roads and sinking eight Brick Wells along the Lines.	15,000	
		2,27,990
For converting the Upper Story of the Screw Godown into Staff Serjeants' Quarters.....	1,370	
For constructing 2 Cook-rooms for do.	320	
For constructing 2 Privies for do.	210	
For constructing a Magazine	740	
For constructing an Artificer's Shed	670	
		3,310
		2,31,300
Contingencies for Sundries and Superintendence, &c.....		8,700
		2,40,000

The smaller estimate provides for a Hospital at 2,600 Rupees. In withholding sanction from the original proposition, the Government of India in para. 3 of the letter already referred* to, sanctioned 28,500 Rupees for objects forming part of the general plan; but this authority was not acted on pending sanction to the entire project which is now submitted. The present estimates will therefore supersede the partial estimate sanctioned by the Supreme Government.

* 19th July 1858, No. 3351.

7. The cost of erecting Lines for the eight Companies† of which the Sapper Militia is composed, is computed at 2,27,990 Rupees,

exclusive of contingencies, and exclusive also of the value of the Screw Godown and the charge for clearing and levelling the ground. The value of the Screw Godown could not be taken into account, as the purchase, as abovementioned, is not settled by the Government Solicitor pending the reference to England; and the charge for clearing and levelling the ground is not included, because it is proposed to employ the Sepoys themselves in this work. The plan on which the Lines are to be erected is thus described by the Chief Engineer. "The Lines for a Company of Sepoys occupy a space of 505½ and 502 feet x 75 feet. Each range is divided by a wall 12 feet high down the middle, forming quarters on both sides nine feet broad, with a Verandah of six feet, and a yard 19½ feet wide. The roof is to be tiled, and the walls of brick and chunam; the height of the side walls is to be 8 feet, with a foundation of 3½ x 2½. The Verandah is to be supported by Cadaca wood pillars, let into a brick in chunam foundation of 2½ x 1½. The flooring on a basement raised three-quarter foot will be of clay, well beaten and rubbed over. The space allowed for a Subadar is 35 feet, divided into three rooms; for the Jemadar 27 feet; for the Havildar 18 feet; for a Naigue 15 feet; and a Sepoy 13 feet. The Subadar is to have two closets in the Verandah, intended to serve as Cookroom &c.; all others one, besides a screened enclosure in the yard for washing and other purposes. These Barracks are designed on the same plan as that for a Regiment of Native Infantry to be built at Landon's Garden, the details of construction being similiar, and the accommodation as ample; allowance has also been made for an efficient system of drainage."

8. As already mentioned the lower story of the Screw Godown has been converted into a Place of Arms, including Store Rooms, Solitary Cells, and Guard Rooms, under an emergent estimate of 1,750 Rupees sanctioned by this Government. A sum of 3,310 Rupees is now in-

* From Major Strachey, 19th July 1858, No. 3351, para. 2.
From Do. 23rd Novr. 1859, No. 5893.

† Each Company is 120 strong, without Non-Commissioned Officers, &c.

Fort Saint George, Public Works Consultation of 8th March 1859.

cluded in the present estimates for converting the upper story into two Staff Serjeants' Quarters, and for constructing out-houses for their accommodation, as also for building a Magazine, and an Artificer's shed, exclusive of contingencies. The plan of these buildings is thus described by the Chief Engineer. "The Magazine and Artificer's shed are to be built according to the design and dimensions of the Standard Plan. The Hall of the upper story in the Screw godown, $60\frac{1}{2} \times 30\frac{1}{2}$, is to be partitioned off into two separate apartments for the two Staff Serjeants; each of these quarters is again divided into two, so as to give one sitting and one bed room to each man. The existing stair case will serve for one of the quarters, and for the other a new Stair-case is provided."

9. Under special instructions from the Right Honorable the Governor, issued to the Engineer through the Town Major, provision is made for the Hospital at a cost of 2,600 Rupees, by the addition of a wing to the Building used for the sick of the Native Veteran Battalion, who are located in the vicinity of the Sapper Militia. The sick of the latter Corps are at present received into this Building, but as it is not large enough for the service of both Regiments as a permanent arrangement, the plan is to build a new Ward on the other side of the Surgery, capable of holding twenty cots. This new wing, as described by the Chief Engineer, "is to be $70 \times 19\frac{1}{2}$, with walls 10 feet high; a basement raised two feet; the foundation being sent 3 feet deep. A Verandah has been given on both sides of the building. In size and appearance, the building is to be exactly similar to the wing now in existence, and in use by the Native Veteran Battalion."

10. The estimates have been prepared by the Acting Garrison Engineer, and have been approved on examination in the Central Office, the Chief Engineer also pronounces the Plan to have been prepared with much care, and the disposition of the buildings to be such as appears to be well adapted for the purpose. As it is the opinion of his Lordship the Governor and Commander in Chief of Fort Saint George, that "the most energetic measures should be adopted for the immediate construction of the Lines and Buildings for the Sapper Militia," I am directed to submit the recommendation of the Madras Government that the Government of India will be pleased to grant immediate sanction to the above mentioned sum of 2,42,600 Rs. being the estimated cost of the measures herein proposed.

MILITARY DEPARTMENT.

No. 38.

Extract from the Minutes of Consultation, 4th January 1859.

Read Extract Minutes of Consultation Public Works Department.

Recording observations on a letter from the Government of India, pointing out that certain references have been omitted in the Quarterly return of references remaining unanswered by the Madras Government on 30th September 1858.

Here enter 15th December 1858, No. 2706.

The Government of India, in Major Strachey's letter dated 19th July 1858, No. 3351, para. 2, while approving of the proposal to convert the European Serjeants houses, and the Regimental Magazine of the Sapper Militia into a fortified keep, observed that it was necessary, before carrying out the arrangement, to obtain a report from properly qualified Military Officers, that in the position which it is designed to occupy, it could really be held against an enemy.

2. It is explained in para. 2 of the letter from the Town Major of Fort Saint George dated 18th November 1858, No. 4479, which was communicated to the Public Works Department in Military Minutes of Consultation 7th December 1858, No. 4434, that the plan in view was only to render capable of resistance against a mob, during a rice riot or caste quarrel, (the only disturbances of the public peace likely to occur in the locality,) a block of buildings utterly indefensible, on the plan on which they have hitherto been built, but that there was no intention of making them capable of resisting Guns; and that the only buildings in the vicinity, are the proposed Sepoy's Lines, and an unfinished Roman Catholic Church.

3. Under these circumstances, the Governor in Council presumes, that it is not necessary to call for a further report on the subject.

(True Extract.)

A. Marshall
Acting Secretary to Government.

To the Public Works Department. *With 20 spare Copies.*

Exd. J. Davis.

MCms 21 Dec 58 No 687
31 Aug 58 - No 44445
18 Jan 59 - 2425

P Works 1859 Report
St Louis 8th March
No 69

Extract Minutes
in the Military Department

Dated 4th } January 59
Received 11th }

1858

Tucker No 197 of 1859

Observing that under
the circumstances stated it is
not necessary to call for a further
report on the subject of converting
the European Sergeants houses,
and the Regimental Magazine
of the Sapper Militia into a
Casemate Magazine.

St Louis 14th March 1859

No 40

23 Feb 59

Extract from the Minutes of Consultation, 21st January 1859.

Read Extract from the Minutes of Consultation, in the Public Works Department, under date the 23rd December 1853, No. 2776.

From the Officiating Chief Engineer, 27th November 1858, No. 5841; to the Acting Secretary to Government, Public Works Department.

I have the honor, with reference to Extract Minutes of Consultation, under date the 5th February last No. 204, to forward for submission to Government, the accompanying Plans, and an Estimate for Public Buildings and lines for Madras Sapper Militia. The Estimate provides for the following works viz.

	Rs.	Rs.
For constructing 16 lines for 8 Companies of Sapper Militia ..	2,08,000	
For Do. Quarters for nine Buglers... ..	2,270	
For Do. four Privies for the Sapper lines, and for sinking a Well at each... ..	2,720	
For constructing Main and side Drains, laying Roads, and sink- ing 8 Brick Wells along the lines... ..	15,000	2,27,990
For Converting the Upper story of the Screw Godown into two Staff Serjeant's Quarters... ..	1,370	
For constructing two Cookrooms for the Staff Serjeants... ..	320	
For constructing two Privies for do.	210	
For constructing a Magazine..... ..	740	
For Do. an Artificer's shed... ..	670	3,310
		2,31,300
Contingencies for Superintendence &c... ..		8,700
		Total..... 2,40,000

2. The alterations to the Screw Godown for converting it into a place of Arms, Store Rooms, Solitary Cells, and Guard Room, as per Estimate, sanctioned by Government under date the 15th instant, have been already completed on emergency. The present Estimate provides for converting its Upper story into two Staff Serjeants Quarters, and for constructing out houses for their accommodation, as well as for constructing a Magazine, and an Artificers shed, at a further cost exclusive of Contingencies, of Rupees 3,310.

3. Provision is made in a separate Estimate, herewith submitted, prepared under instructions from the Town Major, for adding a Wing to the Hospital of the 1st Native Veteran Battalion for the use of the Sapper Militia, at a cost of Rupees 2,600.

4. The cost of erecting lines for 8 Companies of Sappers, for 9 Buglers, with all necessary accommodation and Drainage, amounts to Rupees 2,27,990, exclusive of contingencies, but this does not include the charge for clearing and levelling the ground, as the site has not yet been fixed upon, but such may well be done, by the Sapper Militia themselves.

5. The Magazine and Artificer's shed, are to be built according to the design and dimensions of the Standard Plan. The Hall of the upper story, in the Screw Godown $60\frac{1}{2} \times 30\frac{1}{2}$, is to be partitioned off, into two separate apartments for the two Staff Serjeants, each of these quarters is again divided into two, so as to give one sitting, and one bed room to each man. The existing staircase will serve for one of the quarters, and for the other a new stair case is provided. The Wing to be added to the Native Veteran Battalion Hospital, for the accommodation of the sick of the Sapper Militia, is to be $70 \times 19\frac{1}{2}$, with walls 10 feet high, a basement raised 2 feet, the foundations being sunk 3 feet deep. A Verandah* has been given on both sides of the building. In size and appearance, the building is to be exactly similar to the Wing now in existence, and in use by the Native Veteran Battalion.

* In front, of $6\frac{1}{2}$, and in rear, of $5\frac{1}{2}$ feet in the clear.

6. The lines for a Company of Sepoys, occupy a space of 503½ and 502 feet × 75 feet. Each range is divided by a wall 12 feet high down the middle, forming Quarters on both sides, 9 feet broad, with a Verandah of 6 feet, and a yard 19½ feet wide. The roof is to be a sloping one, and tiled, and the walls of brick in chunam, the height of the side walls is to be 8 feet, with a foundation of 3½ × 2½. The Verandah is to be supported by Cadacawood Pillars, let into a brick in chunam foundation of 2½ × 1½. The flooring on a basement raised ¾ foot, will be of clay, well beaten and rubbed over. The space allowed for a Subadar is 35 feet, divided into 3 rooms, for the Jemadar 27 feet, for the Havildar 18 feet, for a Naigue 15 feet, and a Sepoy 13 feet. The Subadar is to have

Submitted with my letter No. 5840, dated 27th November 1858.

These barracks are designed on the same plan as that for a Regiment of Native Infantry, to be built at Landon's Garden, the details of construction being similar, and the accommodation as ample, allowance has also been made for an efficient system of drainage.

7. The Plan appears to have been prepared with much care, and the disposition of the buildings such, as is well adapted for the purpose.

For improvements to the Screw Godown and for the construction of lines for the Sapper Militia...	Rs. 2,40,000	8. The estimates have been examined in this office, and being found correct, I have the honor to submit them for the approval of Government, and to recommend the amount, viz., Rupees (2,12,600) two lacs, forty-two thousand and six hundred, for sanction.
For adding a Wing to the Native Veteran Battalion Hospital for the Sapper Militia...	2,600	
Total...	2,42,600	

From the Acting Garrison Engineer, 15th November 1858, No. 423; to the Chief Engineer.

With reference to Extract Minutes of Consultation No. 204 dated 5th February, and your resolution thereon No. 7881, dated 6th March 1858, I have the honor to forward Plans and Estimates with abstract, amounting to Rupees (2,40,000) two lacs and forty thousand, for the Public buildings and lines for the Madras Sapper Militia.

2. No charge is entered for levelling the ground, as the men of the Battalion will be employed for this purpose.

3. The value of the Screw Godown already fitted up as a Barrack, is not included, as the purchase is not settled by the Solicitor, pending a reference to England. In the compound of the above—Store rooms, Solitary cells, Guard rooms, and Privies are already completed, in a separate estimate the upper story of the Godown is proposed for Quarters for the Staff Serjeants, the additional out buildings being provided. The Store Magazine and Artificers shed are taken from the standard plan.

4. An Hospital is not included in this estimate, as special orders have been received through the Town Major, for a Wing to be added to that of the Native Veteran Battalion adjoining, instead of erecting a separate building.

From the Acting Garrison Engineer, Fort St. George, 19th November 1858, No. 436; to the Chief Engineer.

Erecting a new ward with out-houses for the use of the Sapper Militia, on the South side of the Surgery attached to the Hospital of the 1st Native Veteran Battalion Barracks at Black Town.

and Estimate with Abstract, amounting to Rupees (2,600) two thousand and six hundred, for work as per margin.

2. I beg to state, that the above work can be completed within three months.

From the Town Major, Fort St. George, 18th October 1858, No. 4052; to the Acting Garrison Engineer, Fort St. George.

The Garrison Assistant Surgeon in Medical charge of the Madras Sapper Militia, having reported that the present Hospital of the 1st Native Veteran Battalion, in which the sick of the

Madras Sapper Militia is also located, is not large enough to contain the sick of both Regiments as a permanent arrangement, I have received the Orders of the Right Honorable the Governor, to request you will be good enough to prepare a Plan and Estimate, for a new ward to be built on the other side of the Surgery, to correspond in its dimensions with the one at present in use with the Veterans, and thus to be capable of holding 20 Cots.

In consequence of the monsoon, it is not intended this building should be commenced at once, but merely that all the necessary arrangements should be made to enable the work to be proceeded with immediately on its conclusion.

Ordered that the above letter and its enclosures be forwarded to the Military Department for consideration with reference to the letters from the Government of India, dated 19th July 1858, No. 3351, and to the Extract Minutes of Consultation in that Department, dated 12th October 1858, No. 3687.

(A true Extract.)

(Signed) W. H. BAYLEY,

Acting Secretary to Government.

Referred to the Town Major.

5th January 1859.

From the Town Major, Fort St. George, 14th January 1859, No. 170; to the Secretary to Government, Military Department.

I have had the honor to submit the Extract Minutes of Consultation No. 2776 of the 23rd ultimo, with the Plan and Estimate connected therewith, for the consideration of the Right Honorable the Governor.

I have received His Lordship's orders to return them with his entire approval, and the recommendation, that the most energetic measures should be adopted, for the immediate construction of the Lines at Royapooram, as well as for the Wing to be added to the Veteran Hospital for the accommodation of the sick of the Madras Sapper Militia.

I am to add the suggestion, that if papers of this nature were in the first instance submitted for the Right Honorable the Governor's consideration, much delay would be prevented.

Approved.

The Governor in Council is of opinion, that the most energetic measures should be adopted for the immediate construction of the Lines and Buildings for the Sapper Militia—emergent application will therefore be made to the Government of India through the Department Public Works, for sanction to the revised Estimate now submitted for Rupees (2,40,000) two lacs and forty thousand.

Orders were passed in Minutes Consultation No. 4434, 7th December 1858 para. 2, for the additional Wing to the Hospital of the Native Veteran Battalion.

The attention of the Chief Engineer will be requested by the Public Works Department, to the concluding para. of letter No. 170, dated 14th January 1859 from the Town Major, that the course suggested may be adopted hereafter.

(True Extract and Copies.)

William Stob

Ag. Deputy Secretary to Government.

To the Department Public Works, with Plans and Estimates. 8-20 spare Copies.

- „ Town Major.
- „ Quarter Master General.
- „ Military Auditor General.
- „ Accountant General.
- „ Inspector General of Ordnance.

Exd. J. Davis.

15 ✓

PUBLIC WORKS DEPARTMENT.
Military.

No. 118.

Extract from the Minutes of Consultation under date the 12th January 1859.

Read the following Extract from the Minutes of Consultation in the Military Department.

Approve for immediate execution the building of an additional wing to the Hospital of Native Veteran Battalion. } (Here enter 7th December 1858, No. 4134.)

Ordered that the Extract Minutes of Consultation in the Military Department above recorded lie over till the detailed Plans and Estimate for the buildings and lines for the Madras Sapper Militia Corps forwarded to that Department with Extract Minutes of Consultation dated 23rd December 1858, No. 2776 have received consideration.

2. The Chief Engineer will issue instructions for the construction of the additional wing to the Hospital of the Native Veteran Battalion on emergency as ordered in para. 2 of the Extract Minutes of Consultation in the Military Department above recorded.

(A true Extract.)

(Signed) J. D. BOURDILLON,
Secretary to Government.

To the Chief Engineer with E. M. C., M. D., No. 4434.
,, Military Department.

Exd. Geo. Fonseca.

1858-59
A. J. 159 1859
165-172

Extract from the Minutes of Consultation in the Military Department
Dated 21st January 1859
Record 26: 1859
Dated 26th January 1859
Extract from the Minutes of Consultation in the Military Department

Dated 21st January 1859
Record 26: 1859
Dated 26th January 1859
Extract from the Minutes of Consultation in the Military Department

1858-59

23. February 1859

Approved
Dated 21st January 1859
Record 26: 1859
Dated 26th January 1859
Extract from the Minutes of Consultation in the Military Department

-Military Department

-1843.

W. H. Wood.

The Governor in Council
advises that orders have been
passed in the Military Dept.
on these points -

1843, 1844 }
1845, 1846 }
1847, 1848 }
1849, 1850 }
1851, 1852 }

Military Dept.

The Department
Public Works.

Mr. Cms. 18th Aug 189. No. 21,925.

P. Works 1859 Report.
To Com: 8th March.

N^o 246.

Extract mins = cons:
in the Military Dept.

Dated 1st }
Received 2nd } February
1859
N^o 433.

Observing that
orders have been passed
for immediate execution
of the work connected with
the building of the
additional wing to the
Hospital of the British
Veteran Battalion.

Est^d 496. 4th March 1859

N^o 42.

c23 July 11th March

Public Works Dept. 23

N^o 496

Extract from the Minutes of Consultation
Under date th. 4th March 1859.

Read the following Extract
from the Min^{utes} Consult^{ation} Dept.

Here enter 4th 21st Aug 1859
N^o 38-267-433

Ordered that the
above Extracts Minutes of
Consultation in the Military
Dept be recorded, and that
the following letter be im-
mediately dispatched to the
Govt of India.

Here enter
4th March
1859
N^o 497.

than an ample return as in-
terest upon the ^{money?} ~~money~~.

4 Next, with reference
to the desire of the Govt of India
to have a report from properly
qualified Military Officers, as
to whether the proposed fortified
Keep enclosing the European
serjeants' houses and the Regimental
Magazine &c of the Sapper
Militia, could be really held
against an enemy, I am direct-
ed to explain that the plan
was not designed to do more than
render capable of resistance
against a mob, during the only
disturbances ^{of} against the Public
Peace likely to occur to wit
Madras, such as grain riots
or caste quarrels, a ^{collection} ~~block~~ of
buildings utterly indefensible
if constructed on the plan usually
followed; ~~the plan on which such buildings~~
~~have hitherto been erected~~
and that the only Building ^{at present} in
the vicinity in the proposed

* From Major Strachey, 19th July,
1858, N. 3357, para 2.
Hon - do. 23rd Nov/58, No 5883.

viz. for the Place of arms,
serjeants' quarters, Store-
rooms, &c. the Govt -

5

3/1 ~~explained~~ and an unfinished
Roman Catholic Church. ~~There~~
There is no intention whatever
of making the ^{place} ~~Keep~~ capable of
resisting guns or a regular enemy,
and it is presumed, ^{therefore} that under
~~these circumstances~~ there will
be no necessity to call for any
report on the subject. For the pur-
pose here referred to, ~~the Govt~~
have ^{engaged} ~~taken up~~ at a monthly
rent of 175 Rs a large building
near the Seven Wells, ~~at Madras~~,
formerly belonging to and used
as a Cotton Screw factory by
^{a private} ~~the late firm of Messrs~~ ~~Cardozo~~
~~and Co.~~ The Building would
have been purchased at once, but
that the Govt Solicitor declared
the title to be unsatisfactory;
and a reference to the Trustees
in England has been made in
consequence. Pending a reply,
the Govt have been allowed to
take the Building at the above

rent, with the right of possession
however until the Law Officer
shall report the Title Deed to
be satisfactory for purchase. On
emergency, the lower story has
been already converted into a
Place of Arms and furnished with
the necessary teakwood staves,
under an estimate of 1,750 Rs, as
the Right Honble the Govt in
Council was of opinion that it
was of the utmost importance to
concentrate in one spot the men
of the Sapper Militia, who were
scattered over all parts of Madras,
and make them available for
duty as early as practicable.

With this explanation,
I am to resubmit the project,
which now comes before the Govt
of India based on well considered
plans and estimates. The esti-
mates are two in number; one
being for 2,40,000 Rs, and the other
for 2,600 Rs. The larger estimate
provides for the following works -

For constructing 16 Lines for 8 cm.	
panies of Sapper Militia	2,08,000.
For - do. Markers for 9 Buglers	2,270.
For - do. 4 Privies for the Sappers Lines, and for sinking a well at each	2,720.
For constructing Main & Side drains, laying roads, and sinking 8 Brick wells along the Lines	15,000.
For converting the Upper Story of the Series Godown into Staff Quarters	
Quarters	1,370.
For constructing 2 Cookrooms for - do	320
For constructing 2 Privies for - do	210.
For constructing a Magazine	740
For - do - an Artificer's shed	670.
	<u>3,310.</u>
	2,31,300.
Contingencies for Sundries & Superintendence	8,700.
	<u>Rs 2,40,000</u>

* 19th July 1852, No. 3357.

The smaller estimate provides
for a hospital at 2,600 Rs. In
withholding sanction from the
original proposition, the Govt of
India in para 3 of the letter
already referred to, sanctioned
28,500 Rs for objects forming
part of the general plan; but the

authority was not asked in pend-
ing sanction to the entire project
which is now submitted. The
present estimates will therefore
supercede the partial ^{estimate} ~~measure~~
~~which have been authorized by~~
the Supreme Govt.

§ 7. The cost of erecting lines
for ^{the} eight companies of which the
Sapper Militia is composed, is
computed at 2,27,990 Rs, exclusive
of contingencies, and exclusive also
of the value of the Screw Sodown
and the charge for clearing and
levelling ^{the} ground. The value of
the Screw Sodown could not be
taken into account, as the pur-
chase, as above mentioned, is not
settled by the Govt Solicitor pend-
ing the reference to England, &
the charge for clearing and levelling
the ground is not included, because
it is proposed to employ the se-
poys themselves in this work.
The plan on which the lines are

x Each Company is 120 strong,
without non-commissioned
officers & ^{ca}.

to be erected is thus described by
the Chief Engr. The lines for a
Company of Sepoys occupy a
space of $50\frac{1}{2}$ and 502 feet x 75
feet. Each range is divided by
a wall 12 feet high down the mid-
dle, forming quarters on both
sides nine feet broad, with a veran-
dah of six feet, and a yard $19\frac{1}{2}$ feet
wide. The roof is to be a sloping
one and tiled, and the walls of
brick and chunam; the height of
the side walls is to be 8 feet, with
a foundation of $3\frac{1}{4} \times 2\frac{1}{2}$. The
Verandah is to be supported by
Cadaca Wood pillars, set into a
brick in chunam foundation of
 $2\frac{1}{4} \times 1\frac{1}{4}$. The flooring on a basement
raised three quarters foot will be
of clay, well beaten and rubbed over.
The space allowed for a Sutadar
is 35 feet, divided into three
rooms; for the Jemadar 27 feet;
for the Havildar 18 feet; for a
Naigue 15 feet; & a Sepoy, 13 feet.

The Subadar is to have two closets in the Verandah, intended to serve as Cookroom &c.; all others one, besides a screened enclosure in the yard for smoking and other purposes. These Barracks are designed on the same plan as that for a Regiment of Native Infantry to be built at Sandon's Garden, the details of construction being similar, and the accommodation as ample; allowance has also been made for an efficient system of drainage.

8. As already mentioned, the lower story of the Screw Store has been converted into a Place of Arms, including Store Rooms, Solitary Cells, and Guard Room, under an emergent estimate of 1,750 Rs sanctioned by this Govt. A sum of 3,310 Rs is now included in the present estimate for converting the upper story into ^{two} Staff Sergeants Quarters, &

for constructing ^{out-}houses for their accommodation, as also for building a Magazine, and an Artificer's shed, exclusive of contingencies. The plan of these buildings is thus described by the Chief Engr. "The Magazine & Artificer's shed are to be built according to the design and dimensions of the Standard Plan. The Hall of the upper story in the Screw Store, $60\frac{1}{2} \times 30\frac{1}{2}$, is to be partitioned off into two separate apartments for the two Staff Sergeants; each of these quarters is again divided into two, ~~so~~ so as to give one sitting and one bed room to each man. The existing stair case will serve for one of the quarters, and for the other a new staircase is provided."

9. Under special instructions from the Right Honble the Secy, issued to the Engineer thro'

the Town Major, provision is made for the hospital at a cost of 2000 Rs, by the addition of a wing to the Building used for the sick of the Native Veterans Battalion, who are located in the vicinity of the Sapper Militia. The sick of the latter corps are at present received into this Building, but as it is not large enough for the service of both Regts as a permanent arrangement, the plan is to build a new ward on the other side of the Surgery, capable of holding twenty cots. This new wing, as described by the Chief Esqr, "is to be 70 x 19½, with walls 10 feet high; a basement raised 2 feet; the foundations being sunk 3 feet deep. A Verandah has been given on both sides of the building. In size and appearance, the building is to be exactly similar to the Wing now in existence, and in use by the Native Veteran Battalion."

#10. The estimates have been prepared by the Acting Surgeon

3 have been approved Esqr, and an examination in the Central Office, ~~has been found to be correct.~~ The Plan also ~~is pronounced by the Chief Esqr also~~ pronounced the Plan, to have been prepared with much care, and the disposition of the building, ~~to be~~ such as appears to be well adapted for the purpose. As it is the opinion of His Lordship the Govt & Comr in Chief of Fort St. George, that "the most energetic measures should be adopted for the immediate construction of the Lines & Buildings for the Sapper Militia," I am directed to submit the recommendations of the Madras Govt that the Govt of India will be pleased to grant immediate sanction to the above mentioned sum of 2,42,000 Rupees being the estimated cost of the measures herein proposed.

Fort St. George
4th March 1859

[Signature]

Public Works 1859 Department.
D^o to Cons. 8th March.

N^o 497.

To The Officiating Secretary,
to the Government of India.
8th March 1859.

From 2^d 25th Nov 1876/876
before 15 April



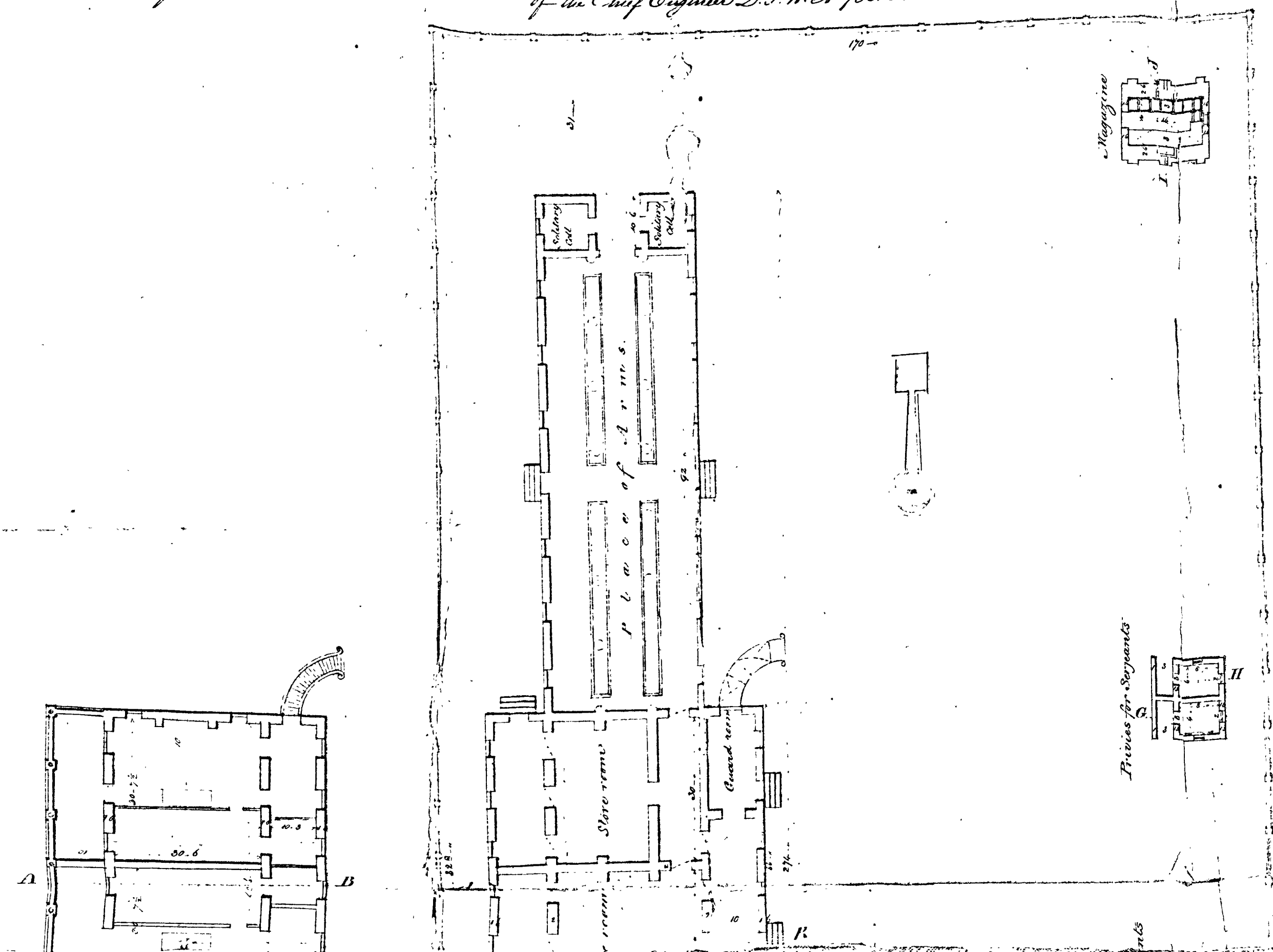
(Submitting for the early)
orders of the Govt of India. Plans
and Estimates amounting in the
aggregate amount of Rs 242600
for the erection of Lines Hospital
and subsidiary Buildings for
the Madras Coy. Militia.

N^o 44-

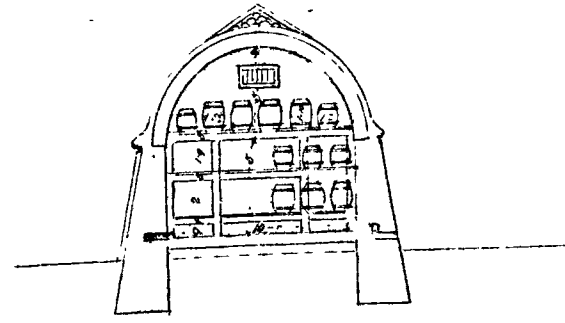
No 1
*Plan and Sections showing the Buildings and Site of the Cotton Screw Godown near the Seven Wells
 at Black Town*

*converted into Place of Arms Store and Guard rooms, Solitary Cells and the proposed Staff Sergeant Quarters
 in the Upper Story together with the Plans for constructing the Store Magazine,
 Artificer's Shed and the out-houses for the Sergeants of the Madras Sapper Militia.
 Prepared with the reference to the Extract from the Minutes of Consultation No 204 dated 5th February 1858 agreeably to the orders
 of the Chief Engineer D.P.W. No 7881 dated 6th March 1858.*

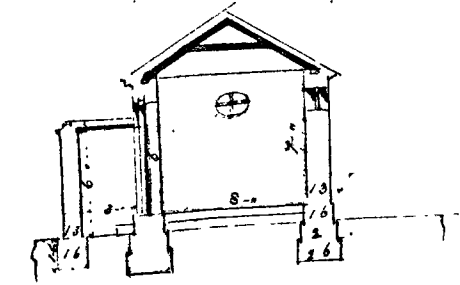
*Upper Story converted into
 Sergeants Quarters*



Section thro IJ.



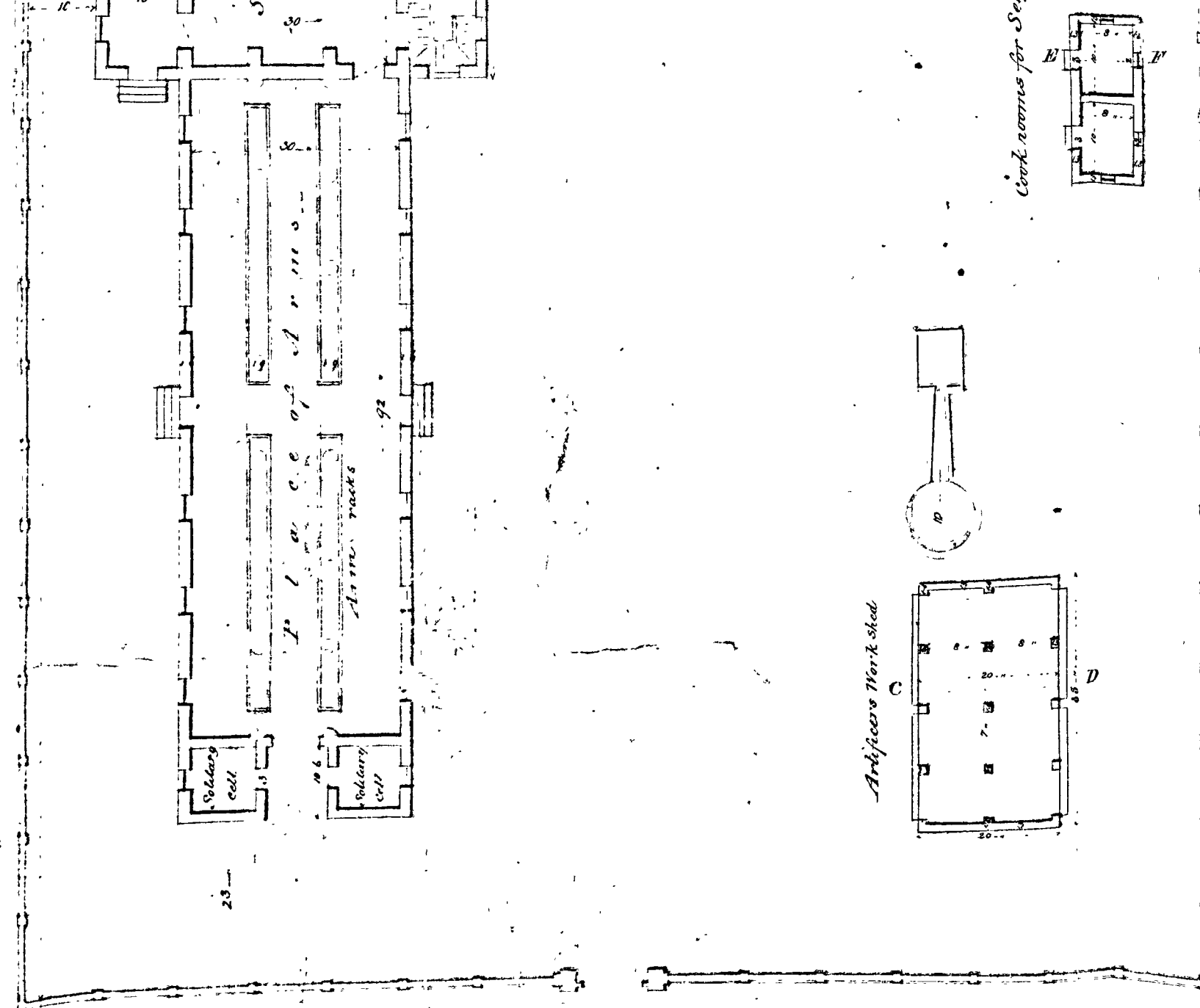
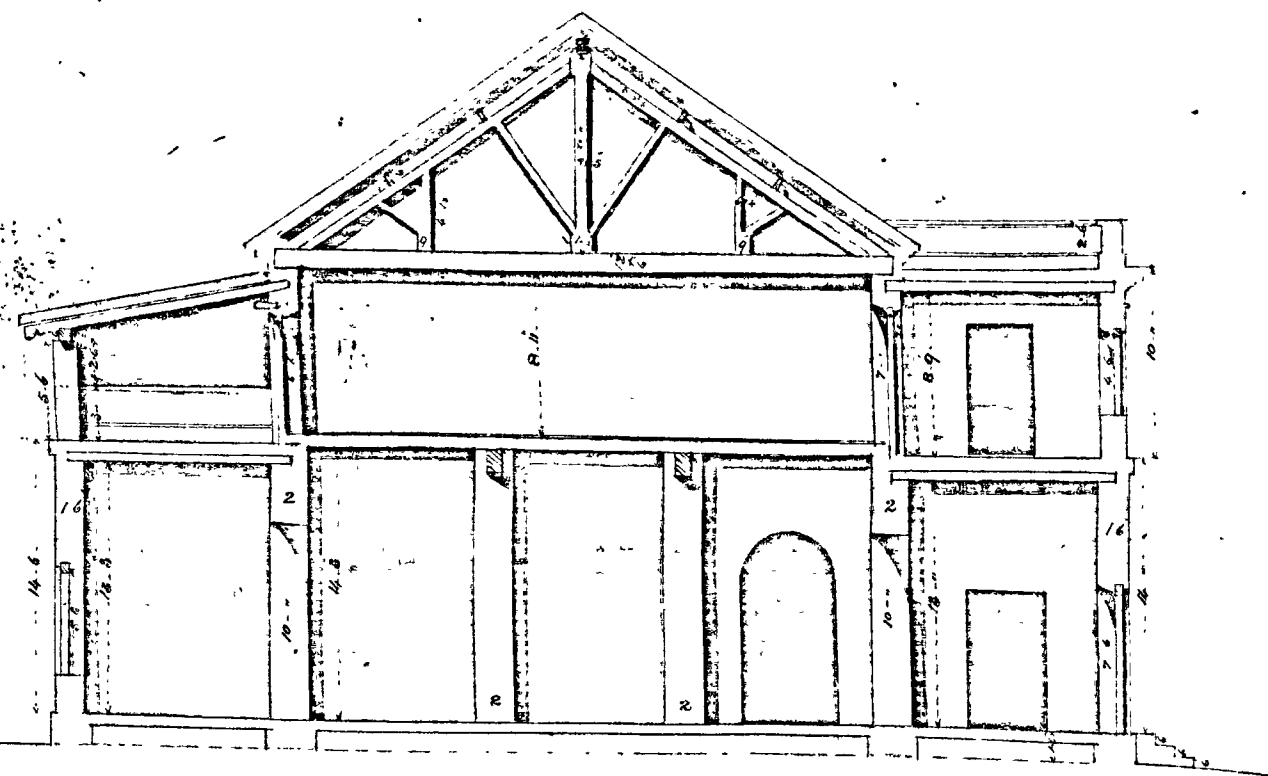
Section thro GH.



Section thro EF.



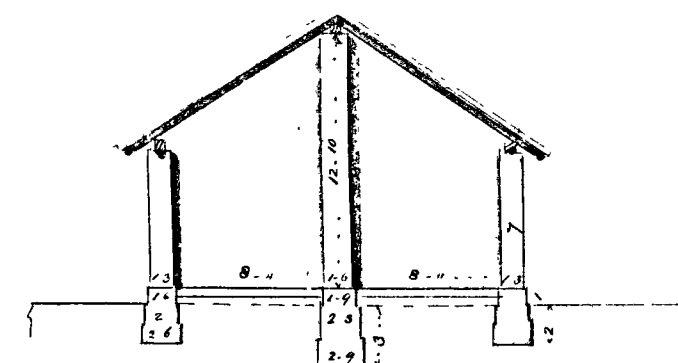
Section thro A.B.



Scale to Plan



Section thro C.D.



Scale to Section



Garrison Eng^{rs} Office
Port St George
15th November 1858

Henk Bendersgat Captain
Acting Garrison Eng^{rs}

10/24/1859

To J. G. - 10/10/1881

PM. N. 498
74-3-59

Howard, looking at the buildings
and side of the bottom. From the side near the seven
wells at 13 feet. From the side near the place of the
These 4 quarter rooms, solitary beds and the physical
Shag - Serpents and others in the upper left
together with the. From the side near the side
Magazine. The side of the side and the side of the
the Serpents of the. From the side of the side.

631/429/59
8/4



631/61620

Sept to Oct. 1899
No 497

9 1/2 3 Panels/59.
By 15

(Plan recd 10/4/59)

40-1/3