M.R.O. 1—77,006—8-6-37.

(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. 156	Press / Mis.
317-19	
Dated 17. 1	1867.

Not to be folded or roughly handled

15/3/43

Proceedings of the Madras Government, Public Works Department,
17th January 1867.

Read the following papers :—

No. 317. From the Superintending Engineer, 6th Division, to the Secretary to Government, Department Public Works, dated Tanjore, 6th December 1866, No. 1,064.

1 Plan.
1 Abstract Estimate, Rupees 7,850.

1. I have the honor to inform you that on the 29th ultimo the Local Jail Committee assembled for the purpose of determining the actual positions of the various buildings in the Central Jail enclosure, and that of the temporary huts adverted to in G. O. No. 3,577, dated 8th ultimo.

2. The enclosed plan shows the positions of the various buildings both permanent and temporary, while the red lines show the changes in the original plan, and the buildings, &c., to provide for the accommodation adverted to in paragraph 6 of the Report of the Committee on Central Jails.

Proceedings Madras Government, No. 1,761, 9th December 1865, Judicial Department.

3. The Hospital is to be in the south-east corner. The Female Ward in the north-west. The temporary sheds are to be in the south-west corner, and after their removal the Deputy Jailer's quarters are to be placed in that corner.

4. For the present the north-east corner in which the well for drinking water is to be sunk, is to remain vacant, and may eventually be occupied by the house of the Superintendent of the Jail, if it is determined that he shall live within the enclosure, and if it is deemed unadvisable that he should be provided with accommodation over the gateway, the lower story being occupied by the guard and offices, and the upper story as a dwelling house by the Superintendent.

5. In the centre of the north face, the latrines are to be placed beyond the enclosure, and in a similar position on the south face a washing house with boiler for the Jail clothing, and bathing cisterns are to be placed. It is presumed that the bathing cisterns are to be placed under a roof. I beg that I may be provided with plans, &c., of the buildings to be placed in this enclosure, viz., bathing rooms and cisterns and washing house with boiler for Jail clothing.

6. In the original plan there are two approaches to the central watch tower. One from the main-gate and the other from the latrines, a third approach is proposed to the washing house and bathing rooms.

7. The main gate will be on the west face, and a broad road will lead thence to the main road to Pudducotta.

* 12,000 gallons per diem.
† 4,000 do.

8. It is proposed to have three wells, one in the Hospital enclosure, another* in the bathing, &c., enclosure, and the third for drinking† and culinary purposes in the north-east corner. Until the wells are dug, and the lift required is ascertained, it is premature to arrange how the water is to be raised; but it is necessary to determine at once whether water is to be conveyed from the well in the north-east corner to each barrack, and cook-room, and if so, whether by pipes or masonry conduits, or by a combination of both. If cisterns are to be formed at the extremity of each barrack, and water conveyed thence into each

ward, and to the neighbouring cook-room by means of pipes, about 2,000 lineal feet, if masonry conduit, and 3,500 feet if iron piping from two inches to three inches in diameter with taps and cocks, will be required.

9. It is observed that no privy accommodation is provided for the Solitary or Lunatic Cells or for the Juvenile Ward. I presume that accommodation should be provided in each cell similar to that provided in the Military Solitary Cells.

Plan with G. O. No. 2,810 of 22nd September 1865.

10. No cooking‡ shed is provided in the Solitary and Lunatic Cell enclosure. Is one required?

‡ Not entered in Plan.

11. No ablution room is provided in the Hospital enclosure or in that for the female wards. Are these to be provided, and if so, are the local Officers to determine upon their dimensions, &c.

Entered in Plan.

12. Excavations are being made on the ground with a view of ascertaining whether sub-soil drainage will be required, and it is probable it will not be required. With a sub-stratum of gravel within two feet of the surface, and varying from four to five feet in thickness if the stratum is not interrupted; the drainage could hardly be improved by artificial means.

13. The arrangement of the temporary buildings for the accommodation of 400 prisoners, and their guard, &c., &c., as shown in the south-west corner is that approved by the Local Committee, aided by Major Bates in the absence of Major Hearn. It differs somewhat from that proposed by the Inspector General of Jails, whose proposition was duly considered.

G. O. No. 1,732, 2nd November, Judicial Department.

14. The cost of the temporary accommodation will be Rupees 7,850. This is due to the facts—

1*st.*—That the earth is much mixed with sand, and is not well suited for mud walls, and they must be made thick in consequence.

2*nd.*—It is not deemed advisable to excavate earth and form pits on the site of the Jail for these mud walls, and earth excavated beyond the limits of the Jail will have to be conveyed on an average from 150 to 180 yards.

15. The sheds for the prisoners will be provided with one doorway, eight windows or openings on one side, and nine windows on the other, and a window in each end wall, but no shutters of any sort will be provided; though Major Bates proposed that the windows should be provided with iron bars. As the bars would be expensive, and would render a stout frame work necessary to receive them, and as, owing to the nature of the buildings, the iron bars while they would not tend materially to the security of the prisoners, as the whole window with its frame could easily be removed by prisoners bent on making their escape, and as they would furnish the prisoners with stout weapons of offence in case of an outbreak, I have omitted them in the estimate.

16. I am informed that a large number of prisoners have lately been sent to Madura, and if the temporary accommodation for so large a number of prisoners

as 400 is not required to relieve the Jails, I would suggest that, instead of providing the temporary accommodation for 400 men, orders should be issued for the immediate erection of two of the permanent barracks, and their cook houses, and while one was occupied by prisoners,* the other might temporarily provide accommodation for the Guard, the Jailer, the Dresser, the Hospital, and the provisions, for each barrack contains six wards. Colonel Greenaway informs me that by obtaining stone from the Trichinopoly Fort, he would be able to commence two barracks at once, and would complete them quite as soon as he will be able to complete the temporary barracks. Until the 15th instant, when the monsoon is supposed to be over, it will be impossible to commence work, and I would solicit early instructions relative to the proposition made in this paragraph.

* 126.

17. As soon as work is commenced, I would propose placing Mr. Overseer Cahill (now the Cantonment Overseer) in charge of the Jail buildings, and would suggest that, in accordance with my recommendation, he should be promoted to the vacant Supervisorship, he is extremely well qualified for the post. An Overseer will be required to take his place in the charge of the Cantonment.

Vide Recommendation Roll for the quarter ending 31st October 1866.

18. It has been proposed to take up 600 feet on three sides, and 700 feet on the west side of the Jail, round the enclosure of 1,200 feet square. At present there is hardly a tree on the ground, and it has been suggested that a double row of trees should be planted all round the outer edge of the Jail limits; I would solicit permission to form a nursery for these trees close to the well originally excavated to test the quality of the water. The well is just on the western limit of the ground proposed to be taken up, and the margin of 100 feet more on that, than on any of the other sides, was allowed in order to include this well.

2,400 × 2,500 feet.

19. For the purpose of obtaining stone for the new Jail, it has been proposed to purchase the Golden Rock, which is only about 400 yards from the site of the Jail. The Railway Department are proprietors of $\frac{1}{16}$th of the rock and for $\frac{15}{16}$ths of this rock, and 45·61 Acres of land at its base, from which a very large quantity of stone can be quarried, only Rupees 1,600 is asked, and the Collector informs me that the 126·03 Acres of ground required to be purchased, as it is not Government property, may be obtained for Rupees 1,479-12-0.

Referred to the Judicial Department.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government, P. W. D.

11*th December* 1866.

Referred to the Inspector General of Jails for early report.

(Signed) A. J. ARBUTHNOT,
Chief Secretary.

Fort St. George,
19*th December* 1866.

No. 318. Memorandum from the Chief Secretary to Government in the Judicial Department.

(Here enter 10th January 1867, No. 10.)

From the Inspector General of Jails, to the Chief Secretary to Government, Fort Saint George, dated Ootacamund, 22nd December 1866, No. 130.

1. I have the honor to acknowledge the receipt yesterday of the letter of the Superintending Engineer, 6th Division, dated 6th instant, No. 1,064, with enclosures referred to me for early report, and to return the same herewith.

2. I have no objection to make to the positions chosen for the Hospital and Female Ward. It has not yet been decided whether quarters are to be built for the Superintendent or not, but I am decidedly of opinion that they ought not to be within the walls of the Jail, but at a convenient distance therefrom. I also object to the residence within the Jail enclosure of the Jailer, Deputy Jailer, Apothecary or Dresser. These men are almost certain to have families and servants, whose presence within the Jail would not only be extremely inconvenient, but give rise to all sorts of irregularities.

Judicial Dept, 25th June 1866, No. 1,996, paragraph 12.

3. LATRINE.—It has been settled that the outer wall is to be carried round the latrine, which is to be screened on the side next the Jail by a light fence or palisading to be erected in prolongation of the original line of the outer wall. There ought to be a gateway in the outer wall sufficiently wide to admit a cart, so that the soil can be carried away without passing through the Jail.

Vide Proceedings Judicial Department, 5th October 1866, No. 1,562.

4. BATHING CISTERNS.—The loss of time and inconvenience experienced at Coimbatore, owing to the limited number of bathing cisterns, led me to recommend that one or two should be built for each compartment, but it has since been found that one of the following dimensions will suffice, viz., 20 X 8 and 4 feet deep. These cisterns should be well raised to facilitate the letting off of the water, and should be surrounded by platforms of stone or asphalte. Chunam lasts no time. I do not see any necessity for covering over these cisterns. Their erection and that of the washing house had better be postponed for the present. There is no immediate occasion for them, and the approaching completion of the Central Jails at Coimbatore and Rajahmundry will soon afford sounder data to go upon respecting these details than any we are at present possessed of.

5. The third approach to the central Tower will not be required as a means of access to the bathing place, but it may be for another purpose, viz., for access to to the cook-rooms, and for running up the food to the central ring for delivery to the various compartments. In Clause 2, paragraph 2, of my Report upon the plan of the Central Jail at Cannanore, printed with the Proceedings of Government noted in the margin, I recommended that the cook-rooms should be placed in one spot, as being a cleaner and more satisfactory arrangement than that originally contemplated, and Government was pleased to approve of the proposal. The Jail at Trichinopoly is to contain 982 Convicts, viz., 877 adult males, 21 boys, and 84 women. This is exclusive of Hospital accommodation for 72 males, being at the rate of 8 per cent. A cook-room will be required for the Hospital for the preparation of the food of such patients as may be placed on sick diet, but I propose that the food of all inmates who are on ordinary Jail diet, including boys and women, should be issued from the general cook-rooms. Adult males can be detailed to cook for the women and boys. I annex a rough sketch showing the description of cook-room recommended. It ought to be built within the palisading on some convenient spot as indicated on the plan in red pencil.

Judicial Department, 5th October 1866, No. 1,562.

Proceedings of the Madras Government, Public Works Department,
17*th January* 1867.

Proceedings of Government, dated 5th October 1866, No. 1,562, and 8th November 1866, No. 1,765.

6. GUARD-ROOMS.—It has been found necessary to alter the original plan of these buildings. I will ascertain from the Inspector General of Police the number of men for whom he requires accommodation in the guard-rooms, and report the result.

7. WELLS.—An ample supply of water for drinking, cooking, and bathing will be required, and it must be conveyed to the general cook-rooms and to the various cisterns. The best and most economical manner of doing this is an engineering question which cannot be considered too soon. Up to the present time the want of a proper supply of drinking water at the Coimbatore Central Jail entails the daily employment of a gang of fifty men, who are sent outside to bring it; and the want of proper appliances for drawing bathing water from the well within the Jail causes much additional labor. I have brought this matter to the notice of the Superintending Engineer, 7th Division, but I mention it in this place in order that timely steps may be taken at Trichinopoly.

Judicial Department, 6th June 1866, No. 906.

8. LUNATICS.—Cells for this class are not required in Central Jails.

9. PRIVY ACCOMMODATION FOR JUVENILES, AND FOR MEN CONFINED IN SOLITARY CELLS.—Juveniles can be marched to the general latrine in charge of a warder, but it will be advisable to provide privy accommodation for the Solitary Cells, as suggested by Captain Oakes, as the entrance of persons for the purpose of removing tubs or other night conveniences from the cells had better be avoided. No cook-room is required for men in solitary confinement. Their food can be supplied to them from the general cook-rooms.

10. BATHS FOR THE HOSPITAL AND FOR THE WOMEN.—These are necessary. The former should be under cover. Possibly a corner or portion of the verandah might be made available for this purpose, as intended at Cannanore. The bath for the women may be screened by a wall of honey-comb work.

Proceedings dated 5th October 1866, No. 1,562.

11. In my sketch of the temporary barracks, I adopted an arrangement of the huts which seemed the least likely to interfere with the building operations, and the most easy to guard; but it was merely offered as a suggestion, and as the plan prepared by the Superintending Engineer is preferred both by him and by the Superintendent of Police, I have nothing to say against it. It will not do, however, to leave the windows without shutters or bars of any kind. At Madura the contriv-

ance is simple and cheap, and although it cannot be said to be very secure, it is much better than nothing. The windows there are oval, with two stout wooden bars crossing each other at right angles; the ends running some way into the wall.

12. The proposal to plant trees outside the wall of the new Jail at Madura has received the approval of Government, and I think the same project should be carried out at Trichinopoly.

13. The Superintending Engineer has recently applied to me for information upon one or two points, some of which have already been settled, but the orders of Government are required regarding others, the points are the following, viz. :—

I. The provision of arrow slits in the outer walls, which has been urged by Dr. Ranking, who is of opinion that even if not made along the whole face of the walls, they are indispensable in the corners occupied by the Hospital and Female Barrack. No such provision has been made elsewhere to the best of my belief, and I think that apertures in the outer wall are objectionable, as affording the means of communication with the inmates from without, and of introducing forbidden articles into Jail.

Judicial Department, 8th November 1866, No. 1,765.

II. The height of the walls dividing one compartment from another. It has been decided that these are to be seven and a half feet in height.

III. The height and composition of the outer and inner rings enclosing the Jail buildings. I think it is essential that these should be substantial, and not less than ten feet in height, as at Bangalore, and as recommended by the Committee on Central Jails. Captain Oakes states that wooden palisading will be very expensive, and likely to cost about 2 Rupees and a quarter per lineal foot, unless cheap jungle wood can be procured from Ceylon. Under these circumstances iron rails would be preferable.

14. In the plan passed for Central Jails there are four lateral openings on each side of every barrack. One of these is a door and the remaining seven fixtures, but all open down to the floor. I have reason to believe that the Right Honorable the Governor is of opinion that the windows ought not to come down lower than thirty inches from the floor, so as to guard against the draught of air which must otherwise exist, and I therefore take this opportunity to mention the circumstance.

15. The floors of the wards at Coimbatore are composed of bricks, which are already beginning to give way and to become uneven. At Mangalore and elsewhere the floors are made of earth well beaten down and washed periodically, as occasion may require, with a mixture of cow-dung and water. These floors are found to answer well, as they are easily kept clean and easily repaired. I would advise that similar flooring be tried in the Central Jail.

16. I think I have now noticed every point with the exception of that raised by the Superintending Engineer in the 16th paragraph of his letter, in which he states that Colonel Greenaway could build two permanent barracks, each to contain 126 men, in the same time that he could complete the temporary barracks, by which I understand him to mean the whole accommodation for 400 Convicts

Proceedings of the Madras Government, Public Works Department,
17*th January* 1867.

and their guards; but no probable time is stated, so it is difficult to give any opinion regarding the point in question. At Madura the huts were built in about three weeks. The weather, however, was rainy, so they took some time to dry and were not occupied until some six weeks after their commencement; but I can scarcely believe that a permanent barrack could be completed in any thing like that time. Ninety Convicts were sent from Trichinopoly to Madura about the end of last month, but the Jail at Salem is still overcrowded, the surplus Convicts being in tents. However, 8,000 Rupees is a large sum to lay out on temporary buildings, and if two permanent barracks can be speedily built, I should be inclined to limit the temporary accommodation to what would suffice for 150 or 180 Convicts.

17. Allusion is made, more than once, in the Superintending Engineer's letter, to the existence of a Jail Committee assembled for the purpose of determining the position of the Jail buildings. I knew that one Committee had been appointed to report upon the alterations required in the District Jail, and one to select a site for the Central Jail, but I was not aware until now that there had been any other.

From the Inspector General of Jails, to the Chief Secretary to Government, Fort Saint George, dated Ootacamund, 23rd December 1866, No. 13.

With reference to the 16th paragraph of my letter of yesterday, No. 130, regarding the extent of temporary accommodation to be provided on the site of the Central Jail at Trichinopoly, I have the honor to inform you that early in November the Superintending Engineer of the 7th Division directed Lieutenant Smith to cover over the two eight roomed barracks at the Coimbatore Central Jail with temporary roofing pending the supply of proper wood, and it was then supposed that both of these barracks would have been ready for occupation by this time. If this work were pressed on vigorously it ought to be finished very shortly, and accommodation would thus be provided for 336 Convicts.

No. 319. ORDER THEREON, 17th January 1867, No. 156.

CIVIL WORKS, No. 70.

1. The Government, having taken into consideration these papers relating to the disposition of the various buildings connected with the proposed Central Jail at Trichinopoly, resolve to call the attention of the Superintending Engineer of the 6th Division to the remarks of the Inspector General of Jails in paragraphs 2 to 5 of his letter regarding the provision and location of quarters for a Superintendent, a Jailer, a Deputy Jailer, and an Apothecary or Dresser. Captain Oakes will be guided by Colonel Wilson's observations on the latrine, bathing cisterns, and cook-rooms. He will also consider, with reference to paragraph 7 of the Inspector General's letter, the best and most economical manner in which water required for drinking, cooking and bathing purposes can be conveyed, and will provide accordingly in his estimate.

2. The information required in paragraphs 9 to 11 of Captain Oakes' letter regarding privy accommodation for juveniles, and for men confined in solitary

cells, as well as for cook-rooms for the latter, and baths for the Hospital and for the women, is supplied in paragraphs 9 and 10 of Colonel Wilson's letter.

3. The estimate of Rupees 7,850 for the temporary buildings for the accommodation of 400 prisoners and their guard is approved. These buildings should be placed within the precincts of the Jail, but so as not to interfere with the erection of the permanent buildings. It seems advisable that the windows of those temporary heds should be secured in the manner indicated in paragraph 11 of Colonel Wilson's letter. Considering the time that the construction of the permanent Barracks will in all probability occupy, and the necessity of providing greatly increased accommodation at once for prisoners, His Lordship in Council is of opinion that the erection of temporary accommodation should be commenced at once and completed as rapidly as possible.

4. The proposal to plant trees round the outer edge of the Jail enclosure is approved.

5. The subject of paragraph 19 of Captain Oakes' letter has been disposed of in G. O. 7th January 1867, No. 42.

6. The Government concur with Colonel Wilson in his views on the points adverted to in paragraphs 13 to 15, and the suggestions therein made should receive attention in the preparation of the general estimate for the Jail, the submission of which should be expedited. Meanwhile the construction of the Jail should be proceeded with as rapidly as possible, and additional funds will be granted if required.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 6th Division, with two Plans.
" Judicial Department.
" Controller of Public Works Accounts.
" Inspector General of Jails.
" Accountant General.

Exd. S. T. Augustin.

No. 130 9

From

Lieutt: Colo: W. J. Wilson
Inspector General of Jails

To The Honble: A. J. Arbuthnot
Chief Secretary to Government
Fort Saint George.

Sir, I have the honor to acknowledge the receipt yesterday of the letter of the Superintending Engineer 6th Division dated 6th instant No. 1064 with enclosures referred to me for early report, and to return the same herewith.

2d I have no objection to make to the positions chosen for the Hospital and Female Wards. It has not yet been decided whether quarters are to be

be built for the Superintendent or not, but I am decidedly of opinion that they ought not to be within the Walls of the Jail, but at a Convenient distance therefrom - I also object to the residence within the Jail Enclosure of the Jailor, Deputy Jailor, Apothecary or Dresser - These men are almost certain to have Families and Servants whose presence within the Jail would not only be extremely inconvenient but give rise to all sorts of irregularities -

3 Latrines - It has been settled that the outer Wall is to be carried round the Square which is to be surrounded on the side next the Jail, by a light fence or railing to, the erected in prolongation of the original line of the outer Wall - There ought to be a Gateway in the outer wall sufficiently wide

Jail. June 1796 Para 12.

wide to admit a Cart, so that the Soil can be Carried away without passing through the Jail -

4 Bathing Cisterns - The loss of time and inconvenience Experienced at Commencement owing to the limited number of bathing Cisterns leads me to recommend that not one or two Should be built for each Compartment, but it has since been found that one of the following dimensions will suffice viz - 20 x 8 and 4 feet deep - These Cisterns Should be well raised to facilitate the letting off of the water, and Should be surrounded by platforms of Stone or Asphalte - Chunam lasts no time - I do not See any necessity for covering over these Cisterns - Their erection Should be that of the Washing Houses and better; the position for the present - There is no

Fort St. Pro. Jail 5th October 1795

immediate.

immediate occasion for them, and the approaching Completion of the Central Jails at Coimbatore and Rajahmundry will soon afford fuller data to go upon respecting these details than are at present possessed of.

5 The third approach to the Central Cells will not be required as a means of access to the Bathing place, but it may be for another purpose viz. for access to the Cookrooms, and for sending up the food to the Central Ring for delivery to the various Compartments - In Clause II. Para 2 of my Report upon the Plans of the Central Jails at Kadamandoi printed with the Proceedings of Government noted in the margin I recommended that the Cookrooms should be placed in one spot, as being a cleaner and more satisfactory arrangement than that originally contemplated, and Government was pleased to approve of the proposal. - The Jail at Trichinopoly is to contain 982 Convicts, viz 877 adult Males, 21 Boys and 84 Women - This is exclusive of Hospital accommodation for 72 Males being at the rate of 8 per Cent - A Cook room will be required for the Hospital for the preparation of the food of such patients as may be placed on sick diet, but I propose that the food of all Inmates who are on ordinary Jail diet including Boys and Women should be removed from the general Cookrooms - Adult males can be detailed to Cook P.

for

15

Oct. 1880
No 1502

for the women and Boys. I annex a rough sketch shewing the description of Cook Room recommended. It ought to be built within the palisading on some convenient spot as indicated in the plan in red pencil.

6 Guard Rooms. It has been found necessary to alter the original plan of these buildings. I will ascertain from the Inspector General of Police the number of men for whom he requires accommodation in the guard rooms and report the result.

7 Wells. An ample supply of water for drinking, cooking and bathing will be required, and it must be conveyed to the general Cook Rooms and to the various Cisterns. The best and most economical manner

manner of doing this is an engineering question which cannot be considered too soon. Up to the present time the want of a proper supply of drinking water at the Coimbatore Central Jail entails the daily employment of a gang of 50 men who are sent outside to bring it, and the want of proper appliances for drawing bathing water from the well within the Jail causes much additional labor. I have brought this matter to the notice of the Superintending Engineer of Division, but I mention it in this place in order that timely steps may be taken at Trichinopoly.

8 Lunatics. Cells for this class are not required in Central Jails.

9 Privy accommodation for Juveniles

juveniles, and for men confined
in Solitary Cells — The juveniles can
be marched to the general latrine
in charge of a warder, but it will be
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as suggested by Captain Oates as
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Confinement — Their food can be
supplied to them from the general
Cook rooms —

10 Baths for the Hospital and
for the women — These are ne-
-cessary — The former should be
under Cover — Possibly a Corner
or

Barracks
Dec. 1866
154B

or portion of the Verandah might
be made available for this purpose
as intended at Lahmeinore — The
bath for the women may be
screened by a wall of Stone
Comb work —

11 — In my Sketch of the temporary
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windows

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12 The proposal to plant trees outside the wall of the new Jail at Madura has received the approval of Government, and I think the same project should be carried out at Trichinopoly.

13 The Superintending Engineer has recently applied to me for information upon one or two points some of which have already been settled, but the orders of Government are required regarding others - the points are the following viz

I The provision of arrow slits in the outer walls, which has been urged by Dr Ranking who is of opinion that even if not made along the whole face of the walls they are indispensable in the corners occupied by the Hospitals and Female Barracks - No such provision has been made elsewhere to the best of my belief, and I think that apertures in the outer wall are objectionable as affording the means of communication with the inmates from without, and of introducing forbidden articles into Jail.

II The height of the walls dividing the

me Compartment from another - It has been decided that these are to be 7½ feet in height -

III The height and Composition of the outer and inner Rings enclosing the Jail Buildings - I think it is essential that these should be substantial and not less than 10 feet in height as at Bangalore, and as recommended by the Committee on Central Jails - Captain Oakes states that wooden palisading will be very expensive and likely to cost about 2 Rupees and a quarter per lineal foot unless cheap Jungle wood can be procured from Ceylon - Under these circumstances iron rails would be preferable -

14 In the plan papers for Central Jails

Hardy 21 14

Jails there are four lateral openings on each side of every Barrack - One of these is a Door and the remaining seven fixtures but all open down to the floor - I have reason to believe that the Right Honble the Governor is of opinion that the windows ought not to come down lower than 30 inches from the floor, so as to guard against the draught of air which must otherwise exist, and I therefore take this opportunity to mention the circumstance -

15 The floors of the Wards at Coimbatore are composed of bricks which are already beginning to give way and to become uneven - At Bangalore and elsewhere the floors are made of earth well beaten down and watched

washed periodically as occasion may require with a mixture of Cow-dung and water - These floors are found to answer well, as they are easily kept clean and easily repair-ed - I would advise that similar flooring be tried in the Central Jail -

16 - I think I have now noticed every point with the exception of that raised by the Superintending Engineer in the 16th paragraph of his letter in which he states that Colonel Greenaway could build two per-manent Barracks each to contain 126 men in the same time that he could complete the temporary Bar-racks by which I understand him to mean the whole accommodation for 400 Convicts and their guards but this probable time is stated to - It is difficult to give any opinion regarding the point in question - At Madura the huts were built in about 3 weeks - The weather however was rainy so they took sometimes to dry and were not oc-cupied until some days weeks after their Commencement, but I can scarcely believe that a per-manent Barrack could be com-pleted in any thing like that time. Timber could be sent from Trichinopoly to Madura about the end of last month but the Jail at Salem is quite overcrowded the surplus Convicts being in tents - However, 5000 Rupees is a large sum

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4th Allusion is made more
than once in the Superintending
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the position of the Jail build-
-ings- I know that one Committee
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the alterations required in the dis-
-trict Jail, and one to select
a site for the Central Jail,

but I was not aware until now
that there had been any other-

I have the honor to be
Sir
Your most obdt Servt

Recd 2nd December 1866

Dep. Genl of Jails

131.

2

The Honble R. J. Cuthbert
Chief Secretary to Govt:
Fort St. George

Sir

With reference to the 16th paragraph of my letter of yesterday No. 180 regarding the extension of temporary accommodation to be provided at the site of the Central Jail at Vellore, I have the honor to inform you that early in November the Superintending Engineer of the 7th Division directed Assistant to Cross near the two Light Cavalry Barracks to the Coimbatore Central Jail the temporary Roofing pending the supply of proper tools, and it was then supposed that both of these Barracks would have been ready for occupation by this time - If this work were pushed on vigorously it ought to be finished very shortly, and accommodation would thus be provided for 336 Convicts -

I have the honor to be
Sir
Your obt Servt:

Octacamund
28 Dec 1866.

J. Wilson
Dpt: J Jails

27

From
The Brigr Jail
To
The Chief Secy: to Govt:
Fort St. George

Dated 22d Dec: 1866
Rect: 10th January 67
No 130 Jail

Submitting for orders
Returns letter of
Supdt: Engineer 6th Divn
regarding new
Central Jail Trichi:
which is unable
to furnish

Civil Buildings

Trichinopoly District
Trichinopoly Taluq.
Abstract Estimate

29

New Work

Work Providing Temporary accommodation for 400 Prisoners, their guards &c on the proposed site of the New Central Jail at Trichinopoly.—

Quantity	Description of Work	Rate	Amount	Amount of Each Work
	Prisoners' Barracks.			
58,660	Cft. of Clay @ ——	" " 6	1,833 2 .	
526	do of Flooring with mud & tamping	" 3	98 10 .	
51,612	Sft. of Plastering with mud @ per square	" 6	193 8 8	
320	Cft. Country wood @ ——	1 "	320 " .	
27,840	Sft. of Roofing with Bamboo Rafters, Poo reepers, keetos & Kannel grass @	7 "	1,948 12 9	4,394 1 5
	Excavating foundation		48 " .	
	Sundries & Contingencies ——		107 14 7	155 14 7
	Total ——			4,550 " .
	Cooking Shed			
4525	Cft. of Clay @ ——	" " 6	141 6 11	
3728	Sft. of Plastering with mud @	" 6	13 15 8	
57	Cft. of Flooring with mud & tamping @ —	" 3	10 11 0	
2900	Sft. of Roofing with Bamboo rafters & reepers, keetos &c @	" "	203 " .	
32	Cft. of Country wood @ —	1 "	32 " .	
	Excavating foundation —		5 " "	
			406 17	
	Sundries & Contingencies		9 14 5	
	Total ——			41600
	Carried over			4066 .

Rm
R. F. Ffuld
Executive Engineers

2
Re Chief Secretary
Fort St.
Geo.
Bro Pierce
Dy Secy
Dated 23 Dec. 76
Rec 10 Jany 77
Co Cy

10

Plate thick Plan of the Foundation Central Jail with temporary cooking shed will shortly be forwarded accompanied for Executive Engineer

Brought over — 1916

Provision Shed

4421	Cft of Clay @	"	" 6	138 2 6	
34	Cyds of Flooring @	"	3 "	6 6 "	
3168	Sft of Plastering @	"	6 "	11 14 "	
20	Cft of Country wood @	1	" "	20 " "	
1740	Sft of Roofing with Bamboo rafters, Redjers, keets &c	7	" "	121 129	
9	Windows @	7	" "	63 " "	
1	Door @	10	" "	10 " "	
				371 3 3	
	Excavating foundations & Sundries & Contingencies			13 129	
	Total				385 00

Hospital

5399	Cft of Clay @	"	" 6	168 11 6	
53 21/27	Cyds of Flooring @	"	3 "	10 1 4	
4757	Sft of Plastering @	"	6 "	17 13 0	
28	Cft of Country wood @	1	" "	28 " "	
2480	Sft of Roofing with Bamboo rafters, prepers, keets & Naul grass &c — @	7	" "	173 97	
12	Windows Complete @	7	" "	84 " "	
2	Doors Complete @	10	" "	20 " "	
	Excavating foundation	"	" "	5 " "	
				507 3 5	
	Sundries & Contingencies			12 127	
	Total				520 00

Dressers & Jailer's Rooms

5514	Cft of Clay @	"	" 6	172 5 0	
40	Cyds of Flooring @	"	3 "	7 8 0	
4172	Sft of Plastering @	"	6 "	15 103	
	Carried over			195 7 3	

Brought over — 195 7 3 5871

2635 1/2	Sft of Roofing with Bamboo rafters, prepers & keets & Naul grass &c — @	7	" "	184 61	
28	Cft of Country wood @	1	" "	28 " "	
8	Windows Complete @	7	" "	56 " "	
4	Doors do — @	10	" "	40 " "	
24	Bamboo Posts — @	"	4 "	6 " "	
	Excavating foundations —			7 " "	
				516 13 4	
	Sundries & Contingencies —			13 2 8	
	Total				530 " "

Hut for 8 Warders

2236	cft of Clay — @	"	" 6	69 14 "	
12	cyds of flooring — @	"	3 "	2 4 "	
2267	Sft of Plastering — @	"	6 "	8 8 "	
986	do of Roofing with Bamboo Rafters, prepers, keets & Naul grass &c — @	7	" "	69 " 3	
12	Cft of Country wood — @	1	" "	12 " "	
				161 10 3	
	Excavating foundation, Sundries & Contingencies			8 59	
	Total				170 " "

Police Hut

10544	Cft of Clay — @	"	" 6	329 8 "	
103	Cyds of Flooring — @	"	3 "	19 5 "	
5306	Sft of Plastering — @	"	6 "	19 14 4	
5331	Sft of Roofing (as above) @	7	" "	373 23	
62	Cft of Country wood @	1	" "	62 " "	
	Excavating Foundation —			6 " "	
	Carried over			809 137	6571

5871

	Brought over			809	13 7/11 65/71
	Sundries & Contingencies			20	7 5
	Total				830 0 0

Police Cooking Shed

1916	Cft. of Clay	@	"	6	59 140
17	Cyd. of Flooring	@	"	3	3 30
1176	Sqft. of Plastering	@	"	6	4 66
1015	Do Roofing (as above)	@	"	7	71 09
12	Cft. of Country wood	@	"	1	12 00
					150 83
	Excavating foundation & Sundries & Contingencies				9 79
	Total				160 0 0

Privy & Ablution Rooms

2397	Cft. of Clay	@	"	6	74 146
9	Cyd. of Flooring	@	"	3	1 11 0
2291	Sqft. of Roofing (as above)	@	"	7	160 5 11
192	Cft. of Brick in chunam flooring for ablution room	@	"	2	24 00
12	Cft. of Country wood	@	"	1	12 00
1856	Sqft. of Plastering	@	"	6	6 154
					279 149
	Excavating foundation & Sundries &c				9 13
	Total				289

Total Estimate Rupees — 7,850

Supt Engs' office 6th Dec 66
Lanjore 6th December 66

H. F. Dickens Captain RE
Supt Engineer 6th Dist

23

Enclosure in a letter from the Superintending Engr 6th Dn, to the Secretary to Government No. 1064 - dated 6th December 1866.

Rec'd 10th Dec 66
Rep'd 19th "

Estimate for providing accommodation for 400 Prisoners their guard &c on the proposed site of the new Central Jail at Trichinopoly —
Con Estl No 276 of 66.

Jail Enq's Office 6th Dn.
San José 6 December 66.

No 1064 -

35

From,
Captain R. F. Cakes R.E.
Superintending Engineer 6th Dn.

To,
Colonel C. A. Orr R.E.
Secretary to Government
P. W.

Sir,

I have the honor to inform you that on the 29th Ultimo the Central Jail Committee assembled for the purpose of determining the actual positions of the various Buildings in the Central Jail Enclosure & that & the temporary Huts adverted to in G.O. No 3577, dated 8th Ultimo -

2 — The enclosed Plan shows the positions of the various Buildings both permanent & temporary while the red lines show the changes in the Original Plan, & the Buildings &c to provide for the accommodation adverted to in para 6, of the Report of the Committee on Central Jails -

The

3 — The Hospital is to be in the S.E. Corner — The Female Ward in the N.W. — The Temporary Sheds are to be in the S.W. Corner, & after their removal the Deputy Jailers Quarters are to be placed in that Corner —

4 — For the present the N.E. Corner in which the Well for drinking water is to be sunk, is to remain Vacant, & may ultimately be occupied by the House of the Superintendant of the Jail if it is determined that he shall live within the Enclosure, & if it is deemed inadvisable that he should be provided with accommodation over the Gateway, the lower Story being occupied by the Guard & officers, & the upper Story as a dwelling House by the Superintendant.

5 — In the Centre of the North face, the Latrines are to be placed beyond the enclosure, & in a similar position on the South face a washing House with boilers for the Jail Clothing & bathing Cisterns are to be placed — It is presumed that the bathing Cisterns are

are to be placed under a roof — I beg that I may be provided with Plans &c of the Buildings to be placed in this Enclosure — viz: Bathing Rooms & Cisterns & Washing House with Boilers for Jail Clothing —

6 — In the Original Plan there are two Approaches to the Central Watch Tower — One from the Main Gate & the other from the Latrines, a third Approach is proposed to the Washing House & Bathing Rooms —

7 — The Main Gate will be on the West face & a broad Road will lead thence to the Main Road to Puddacotta

8 — It is proposed to have 3 Wells — one in the Hospital Enclosure — One then in the Bathing &c Enclosure, & the third for Drinking & Culinary purposes in the N.E. Corner — Until the Wells are dug & the lift required is ascertained, it is premature to arrange how the water is to be raised, but it is necessary to determine at once whether Water is to be conveyed from

from the Well in the N.E. corner to Each Barrack, & Cook room, & if so, whether by Pipes or Masonry Conduits, or by a Combination of both - Of Cisterns are to be formed at the Extremity of Each Barrack, & water Conveyed thence into each Ward, & to the neighbouring Cook Room by means of Pipes - About 2000 lineal feet of Masonry Conduit & 3500 feet of Iron Piping from 2" to 3" in diameter with taps & Cocks will be required -

9 — It is observed that no privy accommodation is provided for the Solitary or Lunatic Cells or for the Juvenile Ward. I presume that accommodation should be provided in each Cell similar to that provided in the Military Solitary Cells. —

10 — No Cooking Shed is provided in the Solitary & Lunatic Cell Enclosure — If one required —

11 — No ablution room is provided in the Hospital Enclosure or in that for

for the Female Wards - Are these to be provided & if so, are the local officers to determine upon their dimensions &c

12 — Excavations are being made on the ground with a view of ascertaining whether Sub-Soil drainage will be required, & it is probable it will not be required - With a Sub-Stratum of Gravel within 2' of the surface, and varying from 4" to 5' in thickness if the Stratum is not interrupted, the drainage could hardly be improved by Artificial means. —

13 — The Arrangement of the temporary Buildings for the accommodation of 400 Prisoners, & their Guard &c &c as shewn in the S.W. Corner is that approved by the Local Committee and by Major Bates in the absence of Major Hearn - It differs somewhat from that proposed by the Inspector General of Jails whose proposition was duly considered —

14 — The Cost of the temporary accommodation

accommodation will be Rs 7,850-
This is due to the facts.—

1st That the Earth is much mixed with sand, & is not well suited for mud walls, & they must be made thicker in consequence—

2d — It is not deemed advisable to excavate Earth & form pits on the site of the Jail for the mud walls, & Earth excavated beyond the limits of the Jail will have to be conveyed on an average from 150 to 180 Yards.—

Excavating for foundations of outer walls would be of some benefit.

15 — The sheds for the Prisoners will be provided with 1 Doorway, 8 Windows or openings on one side, & 9 Windows on the other, & a Window in each end wall — but no shutters of any sort will be provided; — though Major Bates proposed that the Windows should be provided with Iron Bars — As the Bars would be of pressing, & would render a stout frame work necessary to receive them & as, owing to the nature of the Buildings, the Iron bars while they would not tend materially to the security of the Prisoners as the

whole

whole Windows with its frame could easily be removed by Prisoners bent on making their Escape, & as they would furnish the prisoners with stout weapons of Offence in case of an outbreak, I have omitted them in the Estimate —

16 — I am informed that a large number of Prisoners have lately been sent to Madura, & if the temporary accommodation for so large a number of Prisoners as 400 is not required to relieve the Jails, I would suggest that, instead of providing the temporary accommodation for 400 men, orders should be issued for the immediate erection of 2 of the permanent Barracks, & their Cook Houses, & while one was occupied by Prisoners, the other might temporarily provide accommodation for the Guard, the Jailer, the Dresser, the Hospital, & the provisions, for each Barracks contains 6 Wards — Colonel Freemantle informs me that by obtaining stone from the

Trichinopoly

Fricking of Fort, he would be able to
Commence 2 Barracks at once, & would
complete them quite as soon as he
will be able to Complete the temporary
Barracks :- Until the 15th Instant
when the Monsoon is supposed to be
over, it will be impossible to Commence
work, & I would solicit early instructions
relative to the proposition made in
this para :—

17 —— As soon as work is Commenced
I would propose placing Mr Overseen
Cahill (now the Cantonment Overseen)
in Charge of the Jail Buildings, & would
suggest that, in accordance with my
recommendation, he should be pro-
moted to the vacant Supervisorship-
he is extremely well qualified for
the post —— An Overseen will be
required to take his place in the
Charge of the Cantonment —

18 —— It has been proposed to
take up 600' on three sides, & 700' on
the West side of the Jail round the
Enclosure of 1,200' Square - At present
there

there is hard & stiff on the ground, &
it has been suggested that a double
row of Trees should be planted all
round the outer edge of the Jail limits
I would solicit permission to form a
Nursery for these Trees close to the
Well originally excavated to test the
quality of the Water — The Well is just
on the Western limit of the ground pro-
posed to be taken up, & the margin
of 100' more on that, than on any of the
other sides, was allowed in order to
include this Well. —

19 —— For the purpose of obtaining
Stone for the New Jail, it has been
proposed to purchase the Golden Rock
which is only about 400 yards from the
site of the Jail — The Railway De-
partment are Proprietors of 1/16 of the
Rock & for 15/16 of this Rock, & 45.61 Acres
of land at its base from which a very
large quantity of Stone can be quar-
ried, only Rs 1600, is asked, & the
Collector informs me that the 126.03
Acres of Ground required to be purchased,

&c

ver it is not Government property.
may be obtained for Rs. 1479-12-0-

I have the honor to be
Sir,
Your most Obt Servt
W. F. Bates Captain R.E.
Supt Engineer 6th Div.

C. 11th Jany/67 A. 15th
Fo 3rd

Referred to the
Judicial Depn
Mardn dt. 10-
Dell - RK
Dy Secy to Govt
Pb Wks

Received 21 Dec/66
Issued 22-

11 Dec/66.

Respectfully
submitted for early
report.
C. J. Cumberland
Superintending Engineer
1st Div. Punjab 11 Dec. 2/9/12.

Recd 16th Decr
Copied 30th January
Rs 45 6th Divn
To the Secretary
to Government
D. P. Wks
Dated 6th
Received 13 Decr/66.
Letter No 1064.
Ex: Rs
Submits with Ob-
servation Plan of the
New Central Jail at
Shekhupoora together
with an Abstract Es-
timate of Rs 7850 for
Temporary Buildings
to accommodate the
Prisoners on the site.
Estn No 156-1 Jany 1867

51

Judicial Department

No 10.

47

Memorandum.

In returning the enclosed letter from Captain Oakes, the Chief Secretary has the honor to send Colonel Orr two letters from the Inspector General of Jails regarding the arrangements of the Central Jail about to be built at Pychinopoly. The Chief Secretary is of opinion that the temporary huts for 400 prisoners should be commenced at once, they should be placed within the precincts of the Jail but so as not to interfere with the permanent buildings.

Fort Saint George
18th January 1867

C. J. Cumberland
Chief Secretary

To
The Public Works Department.

No 47

51

1867 Dec.

Pro. of Govt. for January

Memo. 49

From

The Chief Secty. to Govt.

in the Jail Dept.

Dy. 10 January

Recd 11 Dec. 1867

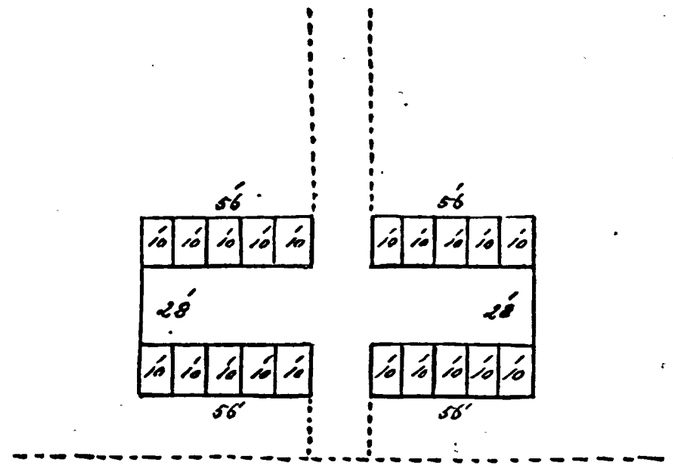
No 10

Returning, with remarks, the Plan and Estimate of the New Central Jail at Trichinopoly.

No 3/68.

Jany 1867. 2/15th

No. 156-17th Jany 1867.





Rough Sketch of Cook Rooms
alluded to in Para 5.

Public Works Dept

156 No. 156 Civil Works 53

Proceedings of the Madras Government

Under date the 17th January 1867

Read the following

From the Supg Engineer of the 6th Dn (Here enter 6th December 1866 to 1064)

Mem.
From the Chief Secy to Govt. in the Judicial Deptt (Here enter 10th January 1867 to 10).

The Government having taken into Consideration these papers relating to the disposition of the various buildings Connected with the proposed Central Jail at Trichinopoly, resolve to call the attention of the Supg Engr of the 6th Dn to the remarks of the Inspector General of Jails in Paras 2 to 5 of his letter regarding the provision and location of quarters for a Superintendent, a Jailor, a Deputy Jailor, and an Apothecary or Dresser.

N.

J.P.

W.H.

Captn Oakes will be guided by Col: Wilson's observations on the Latrine, Bathing Cisterns and Cookrooms. He will also Consider, with Reference to Para 7 of the Inspector General's letter, the best and most economical manner in which water required for drinking, Cooking and bathing purposes can be Conveyed, and will provide accordingly in his estimate.

The information required in Paras 9 to 11 of Captn Oakes' letter regarding privy accommodation for Juveniles, and for men Confined in Solitary cells, as well as for Cookrooms for the latter, and Baths for the Hospital and for the women, is supplied in Paras

55

9 & 10 of Col: Wilson's letter.

The estimate of Rs 7,850 for the temporary buildings for the accommodation of 400 prisoners and their guard is approved. These buildings should be placed within the precincts of the Jail, but so as not to interfere with the erection of the permanent buildings. It seems advisable that the windows of those temporary sheds should be secured in the manner indicated in Para 11 of Col: Wilson's letter. Considering the time that the Construction of the permanent Barracks will in all probability occupy, and the necessity of providing greatly increased accommodation at once for prisoners, his

Lordship in Council is of opinion that the erection of temporary accommodation should be Commenced at once and Completed as rapidly as possible.

The proposal to plant trees round the outer edge of the Jail enclosure is approved.

The subject of Para 19 of Capt^n Oakes' letter has been disposed of in G.O 7 Jany /67. No 42.

The Gov^t Concur with Col Wilson in his views on the points adverted to in Paras 13 to 15, and the suggestions therein made should receive ~~Consideration~~ attention in the preparation of the general estimate for the Jail, the submission of which should be expedited.

51 20

Meanwhile the Construction of the Jail should be proceeded with as rapidly as possible, and additional funds will be granted if required.

The 1 Engr & Dr with two plans ✓
" Jail Dept ✓
4 " Controller ✓
3 " I Genl of Jails ✓
3 " Med Genl ✓

37

Dep^t 17 January /67

Pub: Works 1867 Department

Proc: of Govt for January

No 156

Proc: of the Madras Govt

Dt 17th January 1867

Paying orders on certain papers relative to the positions &c of the various buildings connected with Jail (central) at Trichinopoly.

Ag 314 @ 319.

c. 14th Jany 1867 A. 159