

(1)

- (1) பக்கங்களின் எண்ணிக்கை 32
(2) புதுக்கித் திருப்பிய நாள் 10/9.0
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/9

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

(23)

அரசாணை எண். 28
மு. கோப்புத் தாள் எண். அச்சகம்
பலவகை

நாள் : 4-1-1892 198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

16 Sheets

ஆவண. கா-1-18,006-15-6-87.

(1)

PART III.
Accommodation authorised for Native Troops in the Plains.

Arm of the service, Department, &c.	Item Number.	DETAILS.	Length. Feet.	Breadth. Feet.	Height. Feet.	Floor area per man. Supl. ft.	Plinth area of building. Supl. ft.	DETAIL OF ORDERS, &c.				
								Authority.	PARTICULARS.	Standard plan.	Type plan.	
A Regiment of Native Infantry.												
								Clause 44 of I. A. Cir. for 1887.	BENGAL. Excluding British officers, the strength of a regiment of Bengal infantry is— <i>Native Commissioned Officers.</i> Subadars 8 Jemadars 8 — 16 <i>Non-Commissioned Officers.</i> Havildars 40 Naiks 40 — 80 <i>Rank and File.</i> Drummers 16 Sepoys 800 — 816 TOTAL 912	No.	No.	Series.
								G. O. No. 4 of 1884.	Drum, fife and bugle-majors of Native infantry regiments rank as havildars.			
								Clause 44 of I. A. Cir. for 1887.	The strength of a regiment of infantry of the Punjab Frontier Force and of the infantry battalion of the corps of Guides is the same as that of a Bengal infantry regiment.			
								Clause 206 of I. A. Cir. for 1882.	The strength of a Gurkha battalion is the same as that of a regiment of Bengal infantry. Recruit boys on the scale of $\frac{38}{80}$ boys per regiment are allowed to the Gurkha regiments at Dehra Dun, Dharmasala, Abbottabad and the battalion at Almora.			
								Clauses 35 and 36 of I. A. Cir. for 1883.	The 2nd regiment of Bengal Native infantry and the 1st battalion of the 2nd Goorkha regiment are each allowed an extra jemadar.			

quartered within fortified posts, and at places where details are temporarily detached and often relieved.

“All such cases should be referred to the Government, in order that each may be dealt with on its own merits.”

In such cases, *i.e.*, when Government take upon themselves the whole expense of constructing quarters for Native troops, the work would be carried out by the Military Works Department or Public Works Department.

Huts built from the "Hutting allowance" are the property of the State.

In order to improve the sanitary condition of the huts, Government are prepared to make special "grants-in-aid" to corps with a view to the huts being built on a raised platform or with raised floors. Also for dressing and preparing the site, providing tanks for the reception of drainage, &c. (Military Department letter No. 347, *M. W. Accounts*, dated 7th April 1984, and No. 686, *M. W. Accommodation for troops*, dated 9th July 1984.)

The nature and height of the platforms and floors will depend on local conditions, such as the situation of the lines and the comparative dampness or dryness of the site, the cost of the specification proposed, &c.

In the case of raised platforms of some cheap description (such as rammed earth), it is usual to extend the platforms beyond the huts to 2 feet on all sides except the front, where it should be 6 feet wide. The platforms are to be finished off with earthen slopes.

The Military Works Department or Public Works Department will design and superintend the work, and the unskilled labour should be furnished by the men themselves (Military Department letter No. $\frac{300}{C}$, Native lines, dated 20th February 1890).

Accommodation authorised for Native Troops in the Plains—continued.

DETAILS.		DETAIL OF ORDERS, &c.						Type plan.			
Item Number.	Item	Length.	Breadth.	Height.	Floor area per man.	Plinth area of building.	Authority.	PARTICULARS.	Standard plan.	No.	Series.
(a) PRIMARY BUILDINGS—contd.											
		Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.	Article 260 of I. A. Regns., Vol. I, Part II.	The barracks (or huts) of the Infantry Regiments of the Punjab Frontier Force are the property of the State and are constructed by the Public Works Department.	No.		
							Article 261 of I. A. Regns., Vol. I, Part II (Clause 2 of I. A. Cir. for 1891).	MADRAS. Hitherto the Infantry Regiments of the Madras Army have huted themselves, under the general Regulations applicable to Bengal, with the exception that the huts are the property of the troops. Government, however, have now decided that a grant of Rs70,000 is to be made annually for the construction, &c., of lines in the Madras Presidency as follows:— i.—Construction, remodelling and purchase of lines Rs50,000. ii.—Repair allowance of Government lines Rs20,000. Under this decision, all the lines will, in course of time, become the property of the State. The work of constructing and remodelling lines would presumably be carried out under the rules in force in Bombay Presidency (<i>See</i> under Bombay). BOMBAY. The huts are the property of the State. A special allotment is made annually for the construction and maintenance of lines of native infantry, including the corps of sappers and miners. All grants shall be applied at the discretion of the Commander-in-Chief, accounts of expenditure incurred being rendered to the Military Accounts Department. The huts according to dimensions, &c., approved by the Commander-in-Chief, will be built by the men under the orders of the Commandant of the station and the immediate direction of the Regimental Commanding Officer. It is intended that the labour of the men,			

A Regiment of Native Infantry—contd.

A Regiment of Native Infantry—contd.

94

the use of Government cattle, and the sanctioned money allowance shall meet all requirements whatsoever.
Huts built under these rules are the property of the State.

In Madras, regiments are required to supply all but skilled labour (Q. M. G., Madras Army, Memo. No. 1668 M.W., dated 17th July 1891)

The Executive Engineer or other responsible Military Works Department or Public Works Department Officer is to advise the regimental officers concerned from time to time as the work proceeds.

These rules do not apply to Bombay infantry regiments quartered in the Quetta district, or at stations where lines are built and kept in repair at the expense of the State.

Forwards standard plan

Note.—(On Standard plan).—The detailed plans of buildings cannot be insisted upon when the men construct their own huts, but they should always be adhered to when the buildings are constructed at the expense of the State.

* 12' in the case of a pent roof, and 14' for a flat roof, height in each case taken to underside of tie-beam or rafter.

* Excludes court-yards. Madras Standard plan.

482	QUARTERS FOR NATIVE COMMISSIONED OFFICERS <i>Bengal and Bombay.</i> Quarters for a subadar or jemadar— Each officer— 1 room 1 room 1 cook-house 1 stable Open court-yard with walls 5½' high.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</
-----	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------

28/4

Accommodation authorised for Native Troops in the Plains—continued.

Arm of the service, Department, &c.	Item Number.	Details.	DETAILS.					Authority.	DETAILS OF ORDERS, &c.			Type plan.
			Length.	Breadth.	Height.	Floor area per man.	Plinth area of building.		Particulars.	Standard plan.	No.	
			Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.					
		(b) AUXILIARY BUILDINGS— <i>contd.</i>										
	488	CELLS, SOLITARY. 2 Cells, each containing— 1 room (the cell) . . . 1 attached latrine . . .	10 4	10 4	12 7½	100 ...	403 }	P. W. D. Cir. No. 30 of 1865.	Forwards Standard plan A slightly raised sloping boarded cot is to be built as a fixture in each cell. The cells should be placed close to the quarter-guard and in such a position that the doors can be seen by the sentry. They should in all possible cases face north and south, so that the sun may not shine upon the doors and windows. One cell is sufficient for a wing.	101		
	489	DRAINAGE . . .	...	...	...	...	...	P. W. D. Cir. No. 6 of 1868. P. W. D. Cir. No. 66 of 1871.	Where masonry drains are not required, the surface drainage should, under proper direction, be carried out by the corps occupying the lines; but where masonry drains are required, they shall be constructed by the Military Works Department or Public Works Department at the cost of the State.			
	490	FORGE . . .	...	...	...	...	...	P. W. D. Cir. No. 116 of 1867.	Not necessary and not an authorised building.			
	491	LINES, BLOCK PLAN OF — . . .	...	...	...	...	...	P. W. D. Cir. No. 24 of 1867.	Forwards Standard plan	94		
									Noruz—(On Standard plan).—The block plans showing the general arrangement of the lines should be followed in all cases where it may be deemed expedient to do so, and they are to be considered as indicating the maximum extent of ground that the Government of India will in future allow to be taken up for the lines of a regiment of native infantry. Since the issue of the above orders, the strength of native infantry regiments has been increased.			
									BENGAL. Excluding Punjab Frontier Force, but including Hyderabad Contingent.			
	492	LINES,* MAINTENANCE OF — . . .	...	...	...	...	...	Articles 252 to 259 of I. A. R., Vol. I, Part II.	Except in the case of lines* built at the expense of the State, the huts are kept in repair by the regimental agency, the money for the work coming from the "hutting allowance" (Military Estimates).			

A Regiment of Native Infantry—*contd.*

A Regiment of Native Infantry—*contd.*

Clause 139 of I. A. R., for 1890.
Also para. 98 II of I. A. R., Vol. XII.

Para. 106 A of I. A. R., Vol. XII.

If, owing to field service or any other cause, the lines* are left in charge of a depot, that depot will continue to draw the allowance and will be required to keep the lines* in order. If lines* are left entirely vacant, the amount will be passed to the Officer Commanding the station, who out of this allowance will pay for the watchmen employed, and will make arrangements for keeping the lines* fit for occupation. In no case will the lines* be handed over to the Military Works Department.

* Should repairs be necessary during the vacancy of the lines,* they are to be carried out by the Military Works Department, on the requisition of the Officer Commanding the Station, the cost of the work being debited to the Military Department, in accordance with the Public Works Department Code, XIV, iv, 97, supported by a bill signed by Executive Engineers, countersigned by the Commanding Officer of the Station.*

* The word "lines" in this case means the primary accommodation referred to in items 482 to 485.

Lines* built at the expense of the State are kept in repair by the Military Works Department or Public Works Department, the money for the work being provided from the budget grant of the department concerned.

The lines* of the infantry regiments of the Punjab Frontier Force are kept in repair by the Public Works Department (at the expense of the State), the men helping when possible and the regimental carriage assisting when available.

MADRAS.

See page 239.
The huts under old rules are the property of the men, but will gradually become that of the State. Huts that are the property of the troops are kept in repair by and at the expense of the owners.

Huts that under the new rule become the property of the State, will be maintained from the annual allowance of Rs. 20,000 for repair of Government lines,* the work will presumably be carried out regimentally as in the case of Bombay.

See page 239.
Bombay.

Arm of the service, Department, &c.	Item Number.	DETAILS.	Length.	Breadth.	Height.	Floor area per man.	Plinth area of building.	Authority.	PARTICULARS.	Standard plan.	No.	No.	Series.
A Regiment of Native Infantry— <i>contd.</i>													
	492	(b) AUXILIARY BUILDINGS— <i>contd.</i> * LINES, MAINTENANCE OF— <i>contd.</i>	Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.	Paras. 38, 39, 40, 41, 43, 44 and 45, section 2, Bombay Barrack Regns.	BOMBAY— <i>contd.</i> Allotments for the repair and maintenance of lines* of native infantry, and the corps of sappers and miners, will be made when necessary under the orders of the Commander-in-Chief on representation from responsible officers in charge of the lines,* to the Quarter Master General, Poona. Commanding officers are responsible for the state of their regimental lines,* and will arrange for periodical inspections being made to ensure every hut being kept in a proper state of repair. All repairs will be carried out by the men under arrangements to be made by Commanding officers, who will defray the cost out of the money allotted for repairs, and will render accounts of expenditure of such allotments to the Pay Examiner. No sums will be disbursed to the men. If owing to field service, or any other cause, the lines* are left in charge of a depôt, that depôt will receive the balance of the hutting money in hand of the regiment, and will be required to keep the lines* in order; should further funds be required for this purpose, a reference should be made to the Quarter Master General, Poona. If the lines* are left entirely vacant, the balance of hutting money with the regiment vacating will be transferred to the Officer Commanding the station, who out of this fund will pay for the watchmen employed (when possible, however, a military guard should be detailed to protect vacant lines*), and will make arrangements for keeping the lines* fit for occupation, rendering accounts of such expenditure to the Pay Examiner. In no case will lines* be handed over to the Military Works (or Public Works) Department.	No.	No.		

A Regiment of Native Infantry—*contd.*

A Regiment of Native Infantry—*contd.*

These rules do not apply to native infantry regiments quartered in the Quetta District, or at stations where lines* are built and kept in repair at the expense of the State.

In those cases in which, on some special occasion, when the men of the native infantry have been unable to construct their own huts, the Military Works (or Public Works) Department does so for them, on the design and scale laid down by regulations for native lines*, they must be kept in repair afterwards by the men from allotments from the annual grant, but when the State has seen fit to order the construction of lines for native troops by the Military Works (or Public Works) Department on a large and more expensive scale than the lines* laid down to be provided and maintained from the hutting allotment, the repairs will be executed at the expense of the State.

* The word "lines" in this case means the primary accommodation referred to in items 432 to 434.

BENGAL AND MADRAS.
Lays down measures (see below) that should be adopted for the purification of barracks of native troops whenever these are vacated on account of cholera or other infectious diseases, and states that the cost of such measures of purification, when ordered, should be defrayed by the State.
Every hut or building in which a case of the disease (cholera) occurs, or which, there is reason to suspect, may have been contaminated by cholera discharges, should at once be fumigated with sulphurous acid, the floor to the depth of 6" should be dug up, the old earth buried, and fresh earth placed in it; the inside of the roof should be washed over with a solution of McDougall's powder or other disinfectant, and the walls smeared with fresh mud (leaped). The last-named process, it is believed, will be more efficacious, and at the same time more economical than white-washing. Where the floor is not earthen, but of brick or other permanent construction, it should not be dug up, but washed with some disinfectant in the same manner as the ceiling.
It is not considered necessary that the whole of the buildings occupied by the troops should be subjected to the process of disinfection, but only those individual huts or barracks which appear likely to retain the germs of the disease.

P. W. D. Cir. No. 115 of 1897.

493 LINES, DISINFECTION OF—

Accommodation authorised for Native Troops in the Plains—continued.

DETAIL OF ORDERS, &c.													
Arm of the service, Department, &c.	Item Number.	DETAILS.	Length.	Breadth.	Height.	Floor area per man.		Plinth area of building.	Authority.	PARTICULARS.	Standard plan.	Type plan.	
						Feet.	Supl. ft.					No.	No.
	493	(b) AUXILIARY BUILDINGS— <i>contd.</i> LINES, DISINFECTION OF — <i>contd.</i>	Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.		P. W. D. Cir. No. 19 of 1868.	The expenditure referred to above is to be borne by imperial funds, and the work is to be executed by the Military Works Department or Public Works Department.	No.	No.	
	494	MAGAZINE— Type plan — Ammunition room Powder room Lobby Enclosure wall	16 8 7½ ...	16 6 6 ...	16½ 16½ 16½ ...	601	...		Para. 49, Section II, Bombay Barrack Regulations.	BOMBAY. Whenever it may become necessary, on account of an outbreak of cholera, or other infectious disease, to white-wash the lines of native troops, the material required for the purpose, together with all the necessary utensils, will be supplied by the Military or Public Works Department, the work being carried out by the troops themselves. In cases where the troops have been moved into camp, fatigue parties will be employed on the work. See remarks against items 22 and 148. Enclosure walls for magazines of native troops are only to be given at the undermentioned stations and also at all stations situated in the Eastern Frontier districts : Talagong, Jhelum, Bakloh, Dharmasala, Dehra Dun, Almorah, Pithoragarh, Gorakhpore, Segowlie, Bhagalpore, Nya Dookka, Berhampore, Dacca, Doranda, Banda, Nagode or Sutna. It may be accepted as a general rule that enclosure walls for magazines of native troops are only to be given at stations where there are no British troops. See item 25. Each man is to receive 48 superficial feet.	{ 60A. to 60G. 61	{ B. I. B. I.	
	495	PARADE-GROUND	...	...	...	...	...	...	P. W. D. Cir. No. 29 of 1877.				
	496	QUARTER-GUARD	...	...	...	...	...	...	P. W. D. Cir. No. 20 of 1865.				

A Regiment of Native Infantry—*contd.*

A Regiment of Native Infantry—*contd.*

A Regiment of Native Infantry—*contd.*

		(i) Quarter-guard for a regiment or wing with armouries. Guard-room for 21 men* Room for native officer Lock-up for 2 prisoners	66 16 16	16 10 12	9½ 9½ 9½	48 160 96	(2,740 including an 8' wide verandah on one side.		P. W. D. Cir. No. 83 of 1867. Para. 1226 of I. A. Regns., Vol. II, Part I. The strength of the quarter-guard of both a full regiment and a wing is the same, <i>viz.</i>— 1 Native Commissioned officer. 1 Havildar. 1 Naick 1 Bugler or drummer. 12 Sepoys. Where there are armouries 6 additional sepoy are allowed. MADRAS. Strength of quarter-guard is— 1 Havildar. 2 Naicks. 1 Bugler. 18 Sepoys. BOMBAY. Strength of quarter-guard is— 1 Havildar. 1 Drummer or bugler. 1 Fifer. 13 Sepoys. The above include magazine guards. M. D. No. 20 of 1868 Authorises the provision of a separate room 16' X 10' for the native officer on duty in a native infantry quarter-guard (Bengal). M. D. Cir. No. 1 M. W. of 1882 A verandah 8' wide should be provided on one side of all quarter-guards which may in future be built for native troops. This addition, however, is not to be made to existing quarter-guards, unless under very special circumstances, to be fully reported. * A guard-room of this size will probably only be necessary where the armouries are scattered and built at a distance from the quarter-guard.			
		(ii) Quarter-guard for a regiment or a wing without armouries. Guard room for 15 men Room for 1 native officer Lock-up for 2 prisoners	48 16 16	16 10 12	9½ 9½ 9½	48 160 96	(2,208 includes an 8' wide verandah on one side.		P. W. D. Cir. No. 38 of 1874. Forwards Standard plan of quarter-guard. This plan is now obsolete as regards the bells of arms.	104	...	...

Accommodation authorised for Native Troops in the Plains—continued.

Arm of the service, Department, &c.	Item Number.	DETAILS.	Length.	Breadth.	Height.	Floor area per man.		Plinth area of building.	DETAIL OF ORDERS, &c.						
						Feet.	Supl. ft.		Authority.	PARTICULARS.	Standard plan.	No.	No.	Type plan.	Series.
(b) AUXILIARY BUILDINGS— <i>contd.</i>															
	496	QUARTER-GUARD— <i>contd.</i>							M. D. letter No. 2059 F., dated 8th August 1890.	Ring bolts (fixtures) are to be fixed in the walls or floors of guard-rooms, to which the regimental treasure chest can be fastened by chains and padlocks (2 latter are classed as furniture).					
	497	REAR-GUARD							P. W. D. Cir. No. 83 of 1867. Para. 1226 of I. A. Regns., Vol. II.	Strength of rear-guard is not to exceed — 1 Havildar } for a regiment of native infantry. 1 Naick } 9 Sepoys } The strength of a rear-guard of a wing of a native infantry regiment is to be the same as that of a full regiment. (In the case of Bombay Infantry the rear-guard consists of 7 men). It is not considered necessary to provide rear-guards except in special localities like Peshawar; when considered necessary a reference should be made by the local Military authorities on each occasion through His Excellency the Commander-in-Chief for the orders of the Government of India in the Military Department.					
	498	RIFLE RANGE							...	The superficial and cubic space to be the same as given in quarter-guards.					
	499	SCHOOL							M. D. Letter No. 717 M. W., dated 20th July 1885. M. D. letter No. 80 C. Milv. Buildings, dated 8th January 1880.	Except in the case of Madras native troops, schools are built and maintained regimentally from funds given from the Military Estimates. Regiments of Madras infantry, including those permanently stationed in the Bengal Presidency, are to be provided with school-houses in accordance with the practice in force in the Madras Presidency. The Standard plan sanctioned by the Madras Government should be adopted as a guide, but latitude is allowed to local officers to modify or depart from the plan according to circumstances, whenever it is practicable to effect a saving thereby.					

A Regiment of Native Infantry—*contd.*

Q. M. G., Madras Army, Memo. No. 1668 M. W., dated 17th July 1891.													
The authorised school accommodation for a regiment of Madras infantry is for 200 pupils. The cost of materials only is provided by the State, the regiment concerned being required to supply the labor.													
Standard plan (Madras).													
When a Madras infantry regiment has not been provided with a school by the State, it draws allowances (from Military estimates) to enable it to build and maintain a building for the purpose (Article 342 of India Army Regulations, Vol. I, Part II.)													
Spare accommodation may be re-appropriated for school purposes.													
Not authorised except in Madras, where they are allowed for certain buildings not provided with verandahs (Q. M. G., Madras, Memo. No. 1668 M. W., dated 17th July 1891).													
500	SENTRY BOXES												
	2 rooms each		48	15	7½			3 126					
	4 transepts, each		16½	15	7½								
501	STORE-ROOM (REGIMENTAL STORE)—												
	1 room		18	12	16			569					
	1 verandah		12	10	16								
Standard plan To be a building containing one room 18' x 12' with an arched roof 16' high in the clear, and having a verandah 10' wide for doolies. Position to be half way between the quarter-guard and lines. Existing regimental store-rooms need not be altered, if they are, on the whole, considered sufficient.													
In view of other and more pressing demands which have to be provided, the Government of India do not think it possible at the present time to find funds for carrying out any general scheme of increasing the store accommodation for native infantry regiments. There is no objection, however, to the Standard plan being modified so as to provide 506 square feet of floor space, in view of this modified plan being adopted whenever any absolutely new stone rooms have to be built.													
M. D. letter No. 1708 M. W., Accommodation for troops, dated 10th August 1887.													
The above accommodation of 596 square feet, it is thought, can be best given in— 1 room 18' x 21', 1 " 18' x 12', A verandah 34½' x 10' being given on one side.													

A Regiment of Native Infantry—*contd.*

Accommodation authorised for Native Troops in the Plains—continued.

Arm of the service, Department, &c.	Item Number.	DETAILS.	Length.	Breadth.	Height.	Floor area per man.	Plinth area of building.	Authority.	PARTICULARS.	DETAIL OF ORDERS, &c.		
										Standard plan.	No.	Type plan.
A Regiment of Native Infantry— <i>contd.</i>		(b) AUXILIARY BUILDINGS— <i>concl.</i>										
	502	WELLS	Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.	M. D. letter No. 630 M. W., <i>Plans, Standard</i> , dated 23rd June 1884, and M. D. letter No. 2134 M. W., <i>Accounts</i> , dated 14th October 1887.	Government refuse to sanction any store-room accommodation for a Pioneer corps in addition to what is allowed to an ordinary native infantry regiment.	No.		Series.
								M. D. letter No. 1893 M. W., <i>Staff and Miscellaneous</i> , dated 22nd December 1886.	Government sanction the provision, at the expense of the State, of wells for the lines of native infantry.			
									His Excellency the Commander-in-Chief has decided that the maximum number of wells to be provided for a native infantry regiment should be 5, <i>viz.</i> — 1 for each double-company and 1 for the hospital. This number should be regarded as the maximum to be provided, the number actually required being considered locally in each case. Under ordinary circumstances, 1 well per wing and 1 for the hospital will be sufficient for a regiment, the maximum number will only probably be necessary where the wells have to be very deep.			
	503	WORKSHOPS	...	...	...	...	...	M. D. letter No. 2134 M. W., <i>Accounts</i> , dated 14th October 1887.	Government refuse to sanction workshop accommodation for Pioneer corps			
	504	(c) SUBSIDIARY BUILDINGS. COOK-HOUSES	...	...	...	...	...		As a rule, cook-houses for native troops are only provided at the expense of, and built by, the State in the case of troops quartered in forts or defensible posts, or when they occupy barracks or huts that have been built by the State. Each man should receive 9 square feet of floor space, and the sheds may be more or less open at the sides and ends.			

BENGAL AND BOMBAY.

Madras.
COOK-HOUSES FOR SINGLE RANK AND FILE.
4 Cook-houses for 480 men—
Each cook-house—
4 rooms, each

505	LATRINES	154	6	average 8 $\frac{1}{2}$	3	each 621	...	Para. 650 of I. A. Regns., Vol. XII.	“ Latrines for the hospitals of native troops and followers will be built by, and at the expense of, the Military Works Department. The Cantonment Committee will arrange for the provision of any other latrines required for native troops and followers, the expenses incurred being charged against the cantonment fund, when it is in a position to bear the charge. In cases where cantonment funds are not available, the cost of constructing such latrines will, with the sanction of the Commander-in-Chief, which must be previously obtained, be defrayed from the allotment for minor works. At stations where Cantonment Committees do not exist, the Officer Commanding will arrange for the construction of these latrines.”	Madras Standard plan.		
									When native troops are located in forts or defensible posts, latrines for their use are provided at the expense of, and constructed by, the State. In the case of Quetta and other stations in Beluchistan latrines were provided by the State on the scale of 5 seats per 100 men			
									BOMBAY.			
								Para. 46 of Section 6 of Bombay Barrack Regns.	Latrines for native troops and native followers will be constructed and kept in repair by the Military Department at all stations where the trench system of conservancy cannot be carried out. The scale of latrines and proportion of seats is as follows :— <i>Regiment of Infantry—</i> 8 latrines, with 8 seats in each, for males, 2 " " 10 " " for females. <i>Regiment of Cavalry—</i> 6 latrines, with 8 seats in each, for males, 1 latrine, with 10 seats, for females.			

A Regiment of Native Infantry—*concl.*

Accommodation authorised for Native Troops in the Plains—continued.

Arm of the service, Department, &c.	Item Number.	DETAILS.	DETAIL OF ORDERS, &c.					Authority.	PARTICULARS.	Standard plan.	Type plan.	
			Length.	Breadth.	Height.	Floor area per man.	Plinth area of building.				No.	Series.
			Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.		Followers will be provided for separately on the same scale, <i>i. e.</i> seats at 8 per cent.			
		(c) SUBSIDIARY BUILDINGS— <i>contd.</i>							MADRAS.			
	505	LATRINES— <i>contd.</i>						M. D. letter No. 637 S. C., Medical Dept., dated 9th June 1880.	See items 482 to 485. The Bengal rules are generally applicable. Madras Standard plan.			
		(d) HOSPITAL BUILDINGS.							Government approve of the establishment of general (or consolidated) hospitals for native troops wherever existing conditions render the adoption of the system feasible, the case of each station being separately considered. But in no instance is any expense to be incurred in altering or adding to existing buildings, until specific explanations and estimates have been submitted, and the sanction of Government to the work being carried out has been obtained.			
	506	HOSPITAL FOR A REGIMENT OF NATIVE INFANTRY.						M. D. letter No. 1357 M. W., of 4th June 1891.	Approves revised Standard plan.			
		3 wards, each for 12 patients, each ward.	36	20	13½	60						
		1 ward for 14 men.	42	20	13½	60						
		2 small wards, each.	12	12	11½	144						
		2 bath-rooms, each.	12	12	11½	...	9,151		60 superficial feet and 810 cubic feet to be provided per patient.			
		1 office.	14	11	11½	...		M. D. letter No. 620 M. W., dated 8th July 1882.				
		1 dispensary.	14	14	11½	...		M. D. letter No. 1220 M. W., dated 18th December 1882.				
		1 hospital store.	8	8	8	...		P. W. D. Cir. No. 19 of 1866.	The hospital is to be a single-storeyed building, floors are to be raised 3 feet in dry and 5 feet in damp climates. When space is restricted, or when it is required to accommodate more patients than can be conveniently placed in one floor, a second storey may be given. Where the soil retains much moisture, the building should have a vaulted basement. A single building should suffice for every description of native regimental hospital. Pun- khas are not considered necessary for native hospitals. A punkha is, however, authorised for the medical officer's office, see para. 749 of I. A. Regns., Vol. VI.			
		1 medical store.	8	8	8	...			Accommodation is to be provided for 50 patients for a full regiment, see also para. 747 of I. A. Regns., Vol. VI.			

A Regiment of Native Infantry—*contd.*

A Regiment of Native Infantry—*contd.*

507	HUT-WARDS FOR CONTAGIOUS DISEASES— Each hut-ward— 1 room for 3 patients	22	15	16½	110	472 each	...	P. W. D. Cir. No. 19 of 1867.	Floors should be of permanent construction. Doors should be the same as for barracks for Europeans, but they need not have so much glazed surface. Venetian doors are not to be given in addition. Drainage of bath-rooms is not to be collected in cess pools, but should be conveyed to any neighbouring garden or young trees, or, failing these, it should escape by the rain waterdrains to the nearest outlet.			
								P. W. D. Cir. No. 100 of 1867.	Fireplaces are to be given at stations in the Punjab, also at all hill stations, including Deyrah Dun and at Shillong, Buxar, Dar- jeeling and Northern Cachar. The fireplaces should have no projections, so that the open- ings may be covered and the wall-spaces used when required.			
								P. W. D. Cir. No. 65 of 1873.	One of the end rooms is to be converted into a bath-room. Floor is to be sloped, and an opening provided for escape of water.			
								I. A. Regns., Vol. VI, para. 627.	Wire-netting or other suitable open screen will be provided for the upper windows when re- commended by the Administrative Medical Officer.			
								I. A. Regns., Vol. VI, para. 628.	A separate ward will, when practicable, be allotted to prisoners whom it may be necessary to admit into hospital for treatment.			
								I. A. Regns., Vol. VI, para. 629.	A ward will, when practicable, be appropriated for the treatment of eye-diseases, and will be color-washed an orange shade.			
								I. A. Regns., Vol. VI, para. 1310.	Native officers requiring Medical treatment will be attended by a Medical officer at their quarters if they are suitable for a sick officer, and the illness is of a mild character; otherwise, one of the corner rooms of the hospital will be made available for the reception of a native officer. In the event of no such accommodation being available, he will be treated in his own quar- ters; on no account is he to be relegated to the common ward of the hospital.			
								...	NOTE.—On Standard plan—Accompanying Public Works Department Circular No. 2, dated 10th January 1878, two hut-wards are to be provided for an hospital for a regiment of native infantry. Allowing 110 super- ficial feet and 1,500 cubic feet per patient, each ward is to be for 3 patients, and the huts are to be of kutcha materials.			

Accommodation authorised for Native Troops in the Plains—continued.

Arm of the service, Department, &c.	Item Number.	DETAILS.	DETAIL OF ORDERS, &c.					Authority.	PARTICULARS.	Standard plan.	Type plan.	
			Length.	Breadth.	Height.	Floor area per man.	Plinth area of building.				No.	No. Series.
		(d) HOSPITAL BUILDINGS— <i>contd.</i>										
	512	LATRINE FOR HOSPITAL— <i>contd.</i>	Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.	P. W. D. Cir. No. 19 of 1867.	A shallow earthen or iron vessel well coated with pitch or dammer should be provided for soil; a drain of stone or brick well dammed for urine, and a similar drain, a step or two in advance, for ablution water. Iron buckets, coated with dammer, should be placed outside to receive the liquid flowing from these drains, and to admit of this the floor should be slightly raised.	No.		
	513	MORTUARY— 1 room	12	12	...	...	240	P. W. D. letter No. 1601 of 1875.	Authorises the provision of a regular latrine with a shed for dry earth. A small building will suffice.			
	514	QUARTERS FOR HOSPITAL ASSISTANTS— A block for 2 assistants and *1 sub-assistant. For each assistant— 1 room 1 bath-room A verandah An open "zenana"— Court-yard For the sub-assistant— 1 room 1 verandah.	12 12 6 6 16 32 12 12	12 8 8 8 8 8 12 8	12 8 8 8 8 8 12 8	192 144 ...	1,334 excl. site of court-yards.	P. W. D. Cir. No. 19 of 1866.	Says that, as it is not customary to carry out <i>post-mortem</i> examinations, a simple enclosed shed will suffice. Since the above decision, Government have authorised (P. W. D. letter No. 1257 of 1873) the provision of a bracket and hook for the purpose of suspending a spring balance for weighing human organs after dissection. From this it is apparent that <i>post-mortem</i> examinations are sometimes carried out, so the mortuary should be built and fitted up in accordance with Type plan No. 7, Hospital Series.	...	11	N. L.

A Regiment of Native Infantry—*contd.*

	515	QUARTERS FOR HOSPITAL SERVANTS (i)—Block for married men— Each man (ii)—Block for single men— Each man	... 12 6	... 10 10	... 10 10	... 120 60		Para. 185 of I. A. Regns., Vol. XII. P. W. D. Cir. No. 43 of 1877. P. W. D. Cir. No. 16 of 1881. Paras. 480 and 688 of I. A. Regns., Vol. VI. M. D. letter No. 1066 M. W. dated 17th July 1880. 	Accommodation is to be provided for— 2 Hospital assistants, *1 Sub-hospital assistant. for the hospital of a native infantry regiment. * Regiments of Madras infantry and the infantry of the corps of Guides, have no sub-hospital assistants, so in the case of these corps provision should only be made for 2 hospital assistants (Army List). A regiment of infantry of the Hyderabad Contingent is allowed— 1 apothecary. 1 hospital assistant. The quarters and out-offices for the apothecary will be in accordance with details given in Part V. Authorises the provision of <i>zenana</i> compounds in front of each hospital assistant's quarter. Walls of compound to be 8' high and to enclose a space 32' x 16'. Arrangements should be made for the drainage of the <i>zenana</i> compounds. Hospital assistants and sub-assistants are entitled to free quarters. NOTE.—On Standard plan.—Accompanying Public Works Department Circular No. 2 of 1878. The quarters should be constructed in a detached block within the hospital enclosure, and so disposed as not to interfere with the ventilation of the hospital. Quarters are to be provided in the vicinity of the hospital and by the State. One-third of the men are to be provided for as married, the remainder as single men. In the plains each— Single man is to get . . . 60 s.-ft. Married man is to get . . . 120 "			
								Appendix No. 10 of I. A. Regns., Vol. VI.	Bungal including Punjab Frontier Force and Hyderabad. The following scale of servants is authorised :— For a full regiment . . . 8 men. For a detached wing . . . 4 " For a detachment under the strength of a wing but over the strength of a company . . . 3 " For a company . . . 3 "			

A Regiment of Native Infantry—*contd.*

Accommodation authorised for Native Troops in the Plains—continued.

DETAIL OF ORDERS, &c.												
Arm of the service, Department, &c.	Item Number.	DETAILS.	Length.	Breadth.	Height.	Floor area per man.	Plinth area of building.	Authority.	PARTICULARS.	Standard plan.	Type plan.	
											No.	No.
	515	(d) HOSPITAL BUILDINGS— <i>contd.</i> QUARTERS FOR HOSPITAL SERVANTS— <i>contd.</i>	Feet.	Feet.	Feet.	Supl. ft.	Supl. ft.	Para. 1076 and Appendix X of I. A. Regns., Vol. VI.	<i>Madras.</i> Para. 1076.—“When a native corps is divided in the Madras Presidency and a detachment hospital becomes necessary, one of the sanctioned <i>toties</i> (“sweepers”) will be attached thereto. For detachments of less than a wing at permanent out-posts, one <i>toty</i> is allowed. No hospital servants are ordinarily supplied to native corps, the establishment of 2 <i>toties</i> being borne on the strength of their respective regiments * * *.” The following special establishments have been sanctioned for native hospitals:— St Thomas' Mount . . . 2 servants. Bangalore . . . 4 ” Secunderabad . . . 4 ” Rangoon . . . 6 ” Thayetmyo . . . 3 ” Hunsoor . . . 3 ” Fort St. George-dispensary . . . 1 ” Burma company of sappers and miners . . . 4 ” Bhamo . . . 3 ” Mandalay . . . 3 ” Meiktila . . . 3 ” Myingyan . . . 3 ” Shwebo . . . 3 ”	No.	No.	Series.
	516	SHED FOR DOOLY-BEARERS ATTACHED TO THE HOSPITAL. 1 room	20	12	10	60	364	Appendix No. 10 of I. A. Regns., Vol. VI.	<i>Bombay.</i> The following scale of servants is authorised:— For a regiment of infantry or any body of men amounting to 500 . . . 5* servants. For a detachment of 300 men or upwards, but not amounting to 500 . . . 2 ” For a detachment of 100 men or upwards, but not amounting to 300 . . . 2 ” * At Bombay itself this is reduced to 4 servants. Four dooly-bearers are allowed for each regiment or wing. These men are to be accommodated in a shed built in the vicinity of the quarter-guard.			

A Regiment of Native Infantry—*contd.*communications
be addressed to
Director Gen-
of Military
Works in India.No. 5010
BMilitary Works Department,
Simla, 10th December 1891.

From

The Director General of Military Works in India,

To

The Secretary to the Government of
Madras Public Works Department.

Madras

Sir,

In continuation of this office letter No. 954B dated 23rd February 1891, I have the honor to forward for information, 20 copies of that portion of Part III of Appendix No. Bengal Barrack Regulations, which relates to the accommodation authorised for a regiment of Native Infantry in the plains.

I have the honor to be,

Sir,

Your most obedient servant,

R. Arnott Major R. E.

For Director General of Milly. V

P. W. CURRENT No. 131

W. 3401 Wd 17 Dec 91

Communicated to
the officers of the Public
Works Dept. concerned
in continuation of G.O.
3110 Wd 19 Nov 91.

S. 16

✓✓✓
S. E. L. IV & VI Circles
Ex P. W. Dept.
Mily. Dept. / with P. W. Dept.
ca. 17/12/91
S. E. L. V. C. 18.11.12
18/12

Circular No. 21-B.

Military Works Department.

From

The Director General of Military Works,

To

The Secretary to the Government of Madras,
Public Works Department,
Madras.

Dated Simla, the 7th December 1891.

In this Office Circular No. 17-B., dated 27th October 1891,

For—

“Appendix M of India Army Regulations, Volume XII (Bengal Barrack
Regulations)”

Read—

Appendix M, Bengal Barrack Regulations.

N. Arnott

Major, R.E.,

for Director General of Military Works.

with 20 S. copies.

17.12.91-3401

9

By 20.12.91 4- Janey/92

Communicated to
officers of the Public
Works Dept concerned
with reference to E.D. 3110W
of 19 Nov 91.

Done

over
min. 91

S.S.S.
S.E. I.D. + Mr. Corder
Ex P.H.A.
Mily Dept

20/11

ES

20.11.91