

(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. 2251

Press

Mis.

138-140

Dated

5

— 8 —

1865.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th August 1865.*

Read the following letters :—

No. 138. From Captain J. F. FISCHER, R. E., Controller of Public Works Accounts, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Chepauk, 27th July 1865, No. 822.

Sir,

With reference to Chapter IV. paragraph 13 of the new Code, I have the honor to forward the accompanying

			RS.	A.	P.	
1 Bill for	...	...	250	0	0	bills received from the Superintending
1 Do for	...	...	56	0	0	Engineer, 4th Division, for works exe-
1 Do for	...	...	62	0	0	cuted to certain buildings in the Pre-
1 Do for	...	...	140	0	0	sidency District for the sanction of Go-
1 Do for	...	...	378	8	10	vernment, as no funds were specially

allotted to these works by that Officer in the Appropriation Returns for the past official year to which the expenditure appertains.

No. 139. From Captain J. F. FISCHER, R. E., Controller of Public Works Accounts, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Chepauk, 31st July 1865, No. 836.

Sir,

I have the honor to forward, with reference to paragraph 13, Chapter IV. of the new Code, the accompanying two bills

			RS.	A.	P.	
1 Bill for	...	...	330	0	0	received from the Superintending Engi-
1 Do for	...	...	92	13	6	neer, 4th Division, for works executed to
						certain buildings in the Presidency Dis-
Total	...	...	422	13	6	trict during 1864-65 for the special sanc-

tion of Government, as no funds were allotted by him in the Appropriation Returns submitted to this Office during the past official year to which the expenditure appertains.

No. 140. ORDER THEREON, 5th August 1865, No. 2,251.

ACCOUNT, No. 20.

1. The Bills are sanctioned.
 2. The Superintending Engineer of the 4th Division should endeavour to prevent the execution of works except on specific allotments of funds.
- (True Extract.)

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

To the Superintending Engineer, 4th Division.
" Controller of Public Works Accounts, with seven Bills.
" Accountant General.

Exd. S. T. Augustin.

N^o 822

From
The Controller
of P. W. Accounts
To
The Secretary to Government
P. W. D.

Sir,

With reference to Chapter IV para
13 of the New Code, I have the honor to forward the accom-
panying Bills received from the Superintending
Engineer 4th Division for works executed to certain
Buildings in the Presidency District for the sanction of
Government, as no funds were specially allotted to these works
by that Officer in the Appropriation Returns for the
past official year to which the Expenditure appertains.

I have the honor to be

Sir

Your most obedient servant
Captain R. B.

Controller of P. W. Accounts

Office of the Controller
of P. W. Accounts
Chepauk 27th July
1865

passage.

21. Colonel Thompson recommends a larger area and a wider passage: he suggests 11×10 as necessary to allow Australian horses to turn, and he further suggests a central passage 12 feet wide. This would give in all 170 square feet per horse, inclusive of the passage way. Colonel Thompson, however, would give a loose box to each horse. This, though absolutely necessary in sick stables, may be considered unnecessary in the ordinary Cavalry and Artillery stables, but we are of opinion that a space of not less than 12×9 for ordinary and 12×12 for sick stables should be provided for each horse. The horses in the latter to be in loose boxes.

22. Colonel Thompson says, of a stable at Oosoor "The passage down the centre is 12 feet wide, to enable it to be used for cleaning Saddlery and Harness, and for Officers and Non-Commissioned Officers to walk up and down when on duty at grooming hours. A small box should be in the corner of each stall to hold the hay or grass, otherwise trampled under foot and wasted; the stable should be open at either end by a large arch which is closed by a door half way up, at night or when the current of wind may set in too strongly at either end—the outside walls do not run up to the roof but stop about 18 inches short of it along both sides, the roof being supported on pillars at equal distances and projecting two feet outwards to prevent rain beating in. Thus air is freely admitted all round and through both ends, whilst none can blow upon the horses. A brick and chunam drain, 6 inches wide, runs down under each row of horses, with a small oval cistern in the centre of each stall, covered with a strong wooden trap perforated with holes—outside the stable, at the top of each drain is a chunam cistern into which a barrel of water is emptied twice weekly, and this rushes down the drain washes thoroughly each cistern and having cleansed all impurities is carried off at the lower end into a drain leading to a dung pit."

23. I beg to forward herewith a design for a sick stable constructed on these principles. The cost of it need not be very much in excess of that approved by His Excellency the Commander-in-Chief in India, for the masonry pillars in each instance would be the same in point of numbers; but the height of them in the plan proposed by this Commission is of necessity greater and the roof more expensive, but the dividing walls shown in our plan can be made of mud or sun-burnt bricks, and the outer wall of the same material between the pillars.

24. The same design would do equally well for ordinary stables with modification, in respect to the space assigned to each horse.

This plan appears to possess the following advantages:—

- (a.) The central passage allows of horses being brought into or out of the stable without risk, it also affords room for the cleaning of Harness which should be done in the stable and not in Bar-rack verandahs as at present.
- (b.) All Harness can be safely kept at night-time away from the Bar-racks but still well protected.
- (c.) Horses can be cleaned in all weathers without any exposure to the men.

allolments

submit to the President
from the Representative of
1st District Portland Me
recd in the President's
and Report of the
of Government.

March 29th July 1885
 Newark N.J. No 822
 85

Wm. M. Stewart
According to Agreement
J. M. D.

Sept 1865
Not Good for Ciguas
Jms No 2795
The Carpenter

1. The Bills are structured

1. *August 24th 18th 18th*
 2. *December 18th 18th*
 3. *October 18th 18th*



What an Order

22257-3200 Aug 1/00

25/10/38

- (d.) All horses will be in stalls of sufficient size.
and (e.) Perfect protection from rain, damp and land wind, is ensured both to horses and men.

25. For the foregoing reasons we would recommend each sick horse stable and ordinary stable, should be thus constructed, and that a Troop stable should contain

- 72 Stalls.
- 4 Harness rooms, and
- 4 Line article rooms.

The sick horse stable should similarly contain

- Veterinary Dispensary.
- Swinging stalls.
- Foot Bath.
- Sweating room.

Boiler, &c., all under the same roof as the sick horses themselves, for whom stalls should be provided.

26. Veterinary Surgeons and Officers Commanding Cavalry and Artillery, will be in a position to report upon the probable number of sick stalls required.

27. Soliciting that this communication may be submitted to Government.

Referred for the observation of His Excellency the Commander-in-Chief.

28th April 1865.

From the Quarter Master General, Head Quarters, Ootacamund, 13th July 1865, No. ¹⁹³7291; to the Secretary to Government, Military Department, Fort Saint George.

The Officer Commanding Mysore Division has made a reference to Head Quarters, with reference to the plan and dimensions of the stables to be erected at Bangalore for the Hussars and the Artillery in the old Race Course, in order that he may be able, in communication with the Executive Engineer, to set apart a suitable plot of ground for their construction and that of the subsidiary buildings.

2. The subject of the dimensions to be given to stalls is one of previous correspondence, and the standard plan for this Presidency was fixed by Government in Proceedings of Government, dated 11th December 1863, No. 3942.

3. Subsequently, orders were received from the Supreme Government, in Proceedings of Government, Public Works Department, dated 8th March 1865, No. 648, laying down other dimensions and forwarding a standard plan, which has been circulated to Superintending Engineers for guidance.

4. The Sanitary Commission, at page 21 of their Report in the Appendix G, propose another plan with other dimensions. It remains for Government therefore to decide what shall be done.

5. It appears to the Commander-in-Chief that the Madras standard, which was prepared in communication with experienced Artillery and Cavalry Officers, and now actually existing in the stables at Cannanore, comes nearer the mark of what is required than any of the others.

6. The area of each stall, not including the Officers' walk, is as under, according to the three plans.

	f.	i.	f.	i.	s.f.	i.
Madras.....	12	3	15	6	=190	0
Bengal.....	8	0	14	0	=112	0
Sanitary Commission...	9	0	12	0	=108	0

Proceedings of the Madras Government.
Order date No. 5th August 1865

Read the following

From the Contr. of M. Roads

Submits 5 Bills received from the Sup. Engr. 4th Div. for certain works executed in the Presidency with request to special sanction of Govt. N.D. 27th July/65 No. 822.

From - do - do

Submitting 2 Bills for certain works executed in the Presidency with amt to Rs. 422.13.16 N.D. 31st July/65 No. 836

The Bills are sanctioned -

2. The Superintending Engineer of the 4th Div. should endeavour to prevent the execution of works except on specific allotments

[Handwritten signature]

allotments of funds.

W. H. L.

I am the proprietor of
the house, No. 12, in
the town of
the county of
the state of
the year 1870.

7.

The Superior 4-15-70
Controller Wm. J. B. L.
Acott and

Deaff 7th August.

207 1865-2 2/10
of No. of Gov. for stage

No. 2297.
No. of the Mills
2495 Aug 1865

Directing the
Bills submitted by the
Committee of the Senate
for the expenditure to
certain buildings in the
Treasury St.

Ms. 108 @ 140