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MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 2283

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Dated 25. 7.

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Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
29th July 1867.*

No. 689. Read the following Circular from the Government of India, Public Works Department, (Military Works,) dated Simla, 4th July 1867, No. 63 :—

The following remarks and suggestions of the Sanitary Commission for Bombay, in regard to doors and windows in Barracks of European Troops, which are approved by the Government of India, are circulated for information in continuation of Public Works Department Circular No. 36, dated 1st April 1867.

By Order, &c.,

(Signed) C. H. DICKENS, Colonel, R. A.,
Secretary to the Government of India.

Extract from letter from the Secretary to the Government of Bombay, to the Secretary to the Government of India, Public Works Department, Simla,—No. 351-1,202 M. W., dated the 21st May 1867.

“Paragraph 2. The usual plan adopted for Barrack door openings is to give the masonry jambs a splay, generally 3 inches on each side. This is convenient as getting the shutters out of the way of the door opening; but, when the doors open inwards, it certainly tends to spread the current of air entering by the door frame, which itself, by its contraction within the jambs, may further tend to give lateral motion to, and to cause eddies in the air, and though the cots are placed nine inches clear of the extreme splay of the masonry jambs, it is very possible that there may at times be draughts, more especially during slants of wind.

“3. Screens must be either fixtures or movable; if the former, they would at times be intolerable; if the latter, they would be constantly requiring repair, might at times give great annoyance by swinging about and would hardly, by soldiers, be used or set aside judiciously, according to their real need or otherwise.

“4. It is suggested for consideration whether it might not be advisable either to do away with the splay of the masonry jambs, thus directing the current of air more squarely into the Barrack-room, while the cots also each gained another three inches of wall screen; or to make all Barrack doors open outwards, their frames being placed flush with the interior face of the wall, thus still further adding to the screen at the bed head by the thickness of the door frame. The Commission have observed the latter arrangement in some plans for Barracks by Captain Wilkins, &c.

“5. It appears desirable that perforations or fixed venetians in the lower panels of doors should be confined to the inner half only of each shutter, so as to occupy together the centre of the door when closed. This construction has been before now recommended by the Commission.”

No. 690.

ORDER THEREON, 29th July 1867, No. 2,283.

MILITARY WORKS, No. 40.

Communicated to the Military Department and to the Superintending Engineers for information.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Military Department.
" Superintending Engineers.
" Sanitary Commissioner.
" *Capt. Kennedy*

Exd. S. T. Augustin.

Circular No. 63, Public Works.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Military Works.

To * *The Secretary to Govt. of Madras
in the Public Works Dept.*

SIMLA, the 4th July 1867.

THE following remarks and suggestions of the Sanitary Commission for Bombay, in regard to doors and windows in Barracks of European Troops, which are approved by the Government of India, are circulated for information in continuation of Public Works Department Circular No. 36, dated 1st April 1867.

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Secretary to the Govt. of India.

W. S. P. D. R. Captain, R. E.,
Asstt. Secy. to the Government of India.

Extract from letter from the Secretary to the Government of Bombay, to the Secretary to the Government of India, Public Works Department, Simla,—No. 351-1202 M.W., dated the 21st May 1867.

"PARAGRAPH 2. The usual plan adopted for Barrack door openings is to give the masonry jambs a splay, generally 3 inches on each side. This is convenient as getting the shutters out of the way of the door opening; but, when the doors open inwards, it certainly tends to spread the current of air entering by the door frame, which itself, by its contraction within the jambs, may further tend to give lateral motion to, and to cause eddies in the air, and though the cots are placed 9 inches clear of the extreme splay of the masonry jambs, it is very possible that there may at times be draughts, more especially during slants of wind.

"3. Screens must be either fixtures or moveable; if the former, they would at times be intolerable; if the latter, they would be constantly requiring repair, might at times give great annoyance by swinging about and would hardly, by soldiers, be used or set aside judiciously, according to their real need or otherwise.

"4. It is suggested for consideration whether it might not be advisable either to do away with the splay of the masonry jambs, thus directing the current of air more squarely into the Barrack-room, while the cots also each gained another 3 inches of wall screen; or to make all Barrack doors open outwards, their frames being placed flush with the interior face of the wall, thus still further adding to the screen at the bed head by the thickness of the door frame. The Commission have observed the latter arrangement in some plans for Barracks by Captain Wilkins, R. E.

"5. It appears desirable that perforations or fixed venetians in the lower panels of doors should be confined to the inner half only of each shutter, so as to occupy together the centre of the door when closed. This construction has been before now recommended by the Commission."

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