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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>2712</u>	Press
<u>342-343</u>	Mis.
Dated <u>14-9</u>	18 <u>65</u> .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th September 1865,*

No. 342. Read the following Circular from Lieutenant-Colonel C. H. DICKENS, R. A., Secretary to the Government of India, Public Works Department (Military Works), dated Simla, 15th August 1865, No. 76 :—

Copy of the following, and of the Memorandum to which it is a reply, forwarded to all Local Governments and Administrations for information and guidance.

(Signed) A. B. SAMPSON,
Asst. Secy. to the Govt. of India.

Memorandum from Lieutenant-Colonel C. J. HODGSON, R. E., Officiating Secretary to Government of North Western Provinces, in the Public Works Department, to the Secretary to Government of India, Public Works Department, dated 27th July 1865, No. 1,439 A.

Referring to plans accompanying Circular No. 46 of current year, and other plans of similar descriptions of buildings recently issued, enquires whether the thickness of walls shown in them, namely, 2 feet, is considered necessary for the purpose of keeping the interior of the building cool, as it is observed that, for structural purposes, 1½ feet thickness for the inner, and 13½ inches for the outer, would amply suffice with good masonry of bricks in lime mortar, and great saving of expense would be effected in the new lines about to be constructed were these reductions allowed.

From Lieutenant-Colonel C. H. DICKENS, R. A., Secretary to the Government of India, Public Works Department, to the Officiating Secretary to Government of North Western Provinces, in the Public Works Department, dated 11th August 1865, No. 899 M.

With reference to your Memorandum No. 1,439 A, dated 27th July 1865, enquiring whether the thickness of walls (2 feet) shown in Standard Plans for Staff Sergeants' quarters, which accompanied Public Works Department Circular No. 46 of 1865, and in other plans of similar descriptions of buildings, might not well be reduced, I am directed to point out that, as a rule, Standard Plans are only intended to show the general arrangement and extent of accommodation to be provided, and should not be considered in the light of "working drawings," as showing structural details which should be invariably followed. Such details should be left to be worked out by the officers of the Department under the orders of their Local Governments.

2. As to the question now referred, regarding the thickness of the walls of buildings, I am to state that there can be no doubt that the dimensions proposed by you, viz., 1½ feet thickness for main, and 13½ inches for outer walls, are ample for good work, but sufficiently skilled labour is not always available, and the Standard Plans are devised accordingly. Moreover, it does not always follow that very thin walls will be less expensive than moderately thick ones, unless where the workmen are accustomed to the greater nicety of work, and can perform it without undue degree of time and labour.

3. On the whole, this is a matter which should be left to the discretion of the local Engineering authorities, due regard being paid to the contingencies above noticed.

To the Secretary to Government of Madras, in the Public Works Department.

No. 343. ORDER THEREON, 14th September 1865, No. 2,712.

MILITARY WORKS, No. 17.

Communicated to the Superintending Engineers for information and guidance.

(True Extract.)

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

To the Superintending Engineers.
,, Military Department.

Ed. S. T. Augustin.

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CIRCULAR No. 76 of 1865.

PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT,
SIMLA, 15th August, 1865.

Military Works.

Copy of the following, and of the Memorandum to which it is a reply, forwarded to all Local Governments and Administrations for information and guidance.

(Signed) C. H. DICKENS, *Lieut.-Col., R. A.,*
Secy. to the Govt. of India.


Asst. Secy. to the Govt. of India.

No. 1439 A, dated 27th July, 1865.

Memo. from—LIEUT.-COL. C. J. HODGSON, R. E., Offg. Secy. to Govt. of N. W. P., in the P. W. Dept.,

To—Secretary to Government of India, P. W. Dept.

Referring to plans accompanying Circular No. 46 of current year, and other plans of similar descriptions of buildings recently issued, enquires whether the thickness of walls shown in them, namely, 2 feet, is considered necessary for the purpose of keeping the interior of the buildings cool, as it is observed that, for structural purposes, 1½ feet thickness for the inner, and 13½ inches for the outer, would amply suffice with good masonry of bricks in lime mortar, and great saving of expense would be effected in the new lines about to be constructed were these reductions allowed.

No. 899 M, dated 11th August, 1865.

From—LIEUT.-COL. C. H. DICKENS, R. A., Secy. to Govt. of India, P. W. Dept.,

To—Offg. Secy. to Govt. of N. W. P., in the P. W. Dept.

With reference to your Memorandum No. 1439 A, dated 27th July 1865, enquiring whether the thickness of walls (2 feet) shown in Standard Plans for Staff Sergeants' quarters, which accompanied Public Works Department Circular No. 46 of 1865, and in other plans of similar descriptions of buildings, might not well be reduced, I am directed to point out that, as a rule, Standard Plans are only intended to show the general arrangement and extent of accommodation to be provided, and should not be

*To the Secy to Govt. of Madras
in the P. W. Dept.*

considered in the light of "working drawings" as showing structural details which should be invariably followed. Such details should be left to be worked out by the officers of the Department under the orders of their Local Governments.

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3. On the whole, this is a matter which should be left to the discretion of the local Engineering authorities, due regard being paid to the contingencies above noticed.

2712 *Truly Yours*

2712

*Communicated to the
Superintending Engineers for
information and guidance.*

*Fort St George
14th Sept/65*

*W.D.
W.D.*

W.D.

*To the Superintending Engineers
Military Dept.
7th Sept 1882
133
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considered in the light of "working drawings" as showing structural which should be invariably followed. Such details should be left to be worked out by the officers of the Department under the orders of their Governments.

*1865 Dept.
P.W. Dept. for Sept
1865*

Military Works.

CIRCULAR No. 76.

To

FROM

SECY. TO GOVT. OF INDIA,
IN THE P. W. DEPT.

Dated SIMLA, 15th August, 1865.

Received

7 Sept 1865

Forwards, for information and guidance, copy of correspondence on the question of reducing the thickness of walls shown in Standard Plans of quarters for Staff Sergeants, and ruling that Standard Plans are only intended to show the general arrangement and extent of accommodation to be provided in Military buildings.

No. 342. 343.

With an Order

11th Sept/65. 12th

20, 27/12. 11th Sept/65