

(1) Number of pages 12

(2) Date of repair 18.12.87

(3) Initials of the Referencer lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.

~~B.P. No.~~

903

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Dated

2.1.88

1886

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Not to be folded or roughly handled.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

From Colonel G. E. L. S. SANFORD, R.E., Inspector-General of Military Works,
to the Secretary to Government, Public Works Department, dated Simla,
24th March 1886, No. 1126/3111.

I have the honor to forward, for information, fifteen copies of Military Works
Department Circular No. 2 (Fortifications) of 1886, relative to arrangements for
maintaining correct plans of forts and works of defence.

ENCLOSURES.

From the Inspector-General of Military Works, to the Quartermaster-General in India, dated
25th June 1885, No. 3119.

With reference to the correspondence ending with your Circular Memorandum, No. 57
(Fortifications), dated 28th August 1884, respecting the procedure to be adopted in submitting the
annual reports on forts, it has recently been brought to my notice that the return to the officer
of Royal Engineers of the plans forming Part I of his preliminary report, adverted to in
paragraph 8 of my letter marginally noted, is
No. 3465, dated 12th July 1884, to the Quartermaster-General in India. opposed to the correction in section 5, paragraph
13 (d), of the Bengal Army Regulations promul-
gated in G.O., No. 119, dated 24th September 1883.

2. This paragraph, as revised, directs the annual submission of complete plans of each fort
with the General Officer's report; and as it is understood that these plans are never returned, the
result in most cases must be an enormous accumulation of identical drawings either in your
office or in the Military Department.

3. All that appears to me to be needed is that you should be supplied with one or more
copies of the plans of each fort corrected up to date, after which, unless important changes have
been made in the structural features of the fort since the last inspection, fresh copies of the plans
should not be submitted with the succeeding annual reports. It might be left to the discretion
of the General Officer Commanding, in concert with the Superintending Engineer, to decide what
alterations were important enough to necessitate the submission of corrected plans with an annual
report, such plans when furnished being recorded in supersession of the former ones, which should
then be destroyed.

4. Should His Excellency the Commander-in-Chief concur in this proposal, I would request
that the necessary amendment in the Bengal Army Regulations may be published for guidance.

From the Quartermaster-General in India, to the Secretary to the Government of India,
Military Department, dated 23rd July 1885, No. 3072 B.

With reference to the rules for the inspection of fortified places, contained in paragraph 13
(d), section 5, Bengal Army Regulations, I am directed by the Commander-in-Chief to submit
the marginally noted letter from the Inspector-
General of Military Works, representing that,
No. 3119, dated 25th June 1885. under present regulations, a number of, in many cases identical, drawings of forts in India, the
preparation of which entails great labor, must accumulate in the Military Department Secretariat.

2. The Commander-in-Chief concurs in the opinion of the Inspector-General, Military Works, that an accumulation of identical plans is not required, and is anxious to reduce the labor of preparing these annually.

3. While, therefore, His Excellency generally agrees in the proposals made in paragraph 3 of Inspector-General's letter, and submits draft corrections to give effect to them, he desires to point out that, without great care, there is a possibility that in the course of time important details may be omitted from the record, and serious inconvenience caused thereby, especially in the case of the more important forts, where changes are frequent, and in his opinion it would be a great improvement if the system which obtains in England could be adopted, viz., of having impressions of all such plans on thin paper, so that portions can be easily cut out and corrected as changes occur.

4. The draft of necessary corrections to the paragraph of the Bengal Army Regulations above referred to is as follows:—

Clause d.—For "together with the plans forming Part I of the Royal Engineers' report," substitute "together with the plans forming Part I of the Royal Engineers' report, should any important structural changes in the features of the fort have taken place since last inspection."

Clause e.—After the report of the General Officer has been despatched to Army Headquarters, the report of the Royal Artillery officer (clause a) will be returned to the officer who prepared it, and Parts I and II (unless the former has been forwarded to head-quarters under the above clause) of the report of the Royal Engineer officer (clause b) will be transmitted to the Executive Engineer of the division in which the fort lies, and will remain in his office for reference.

From the Government of India, Military Department, to the Quartermaster-General in India, dated 23rd January 1886, No. 87 M.W.

In reply to your letter, No. 3072 B., dated 23rd July 1885, I am directed to convey the approval of the Government of India to the draft therein submitted to amend section 5, clauses d and e, of the Bengal Army Regulations, regarding the submission of complete plans of each fort with the General Officer's reports.

2. With regard to the proposal in paragraph 3 of your letter, to have impressions of all plans of forts on thin paper, so that portions can be easily cut out and corrected as changes occur, I am to say that, having consulted the Surveyor-General of India and the Inspector-General of Military Works, the Government of India think that the cheapest and most practical method of attaining the object in view will be for the Surveyor-General to keep the zinc plates from which impressions are printed off. These plates may be of thinner sheets than usual, purchased specially for this particular work. The plates could be corrected when necessary by hand, and a new supply of copies printed off whenever required. The cost of the plates will be debitable to the Military Works grant.

3. In the case of very extensive corrections, the Surveyor-General should be supplied with correct original plans to be reproduced *de novo*.

Copy of the foregoing, with copy of the letter to which it is in reply, forwarded to the Inspector-General of Military Works for information, with reference to his letter, No. 3119, dated 25th June 1885, to the address of the Quartermaster-General in India.

(By Order.)

(Signed)

J. E. BROADBENT, Capt., R.E.,
Assistant Secretary to the Govt. of India.

From the Inspector-General of Military Works, to the Superintending and Executive Engineers, Military Works Department and Biluchistan, dated Simla, 3rd March 1886, Circular No. 2 (Fortifications).

The correspondence noted in the margin, relative to the maintenance, in a correct state, of

Inspector-General's No. 3119, dated 25th June 1885, to the Quartermaster-General in India.
Quartermaster-General's No. 3072 B., dated 23rd July 1885, to the Military Department.
Military Department No. 87 M.W., dated 23rd January 1886, to the Quartermaster-General in India, with endorsement.

of corrected or fresh plans of any fort, the obsolete copies of previous plans are destroyed or kept in safe custody.

2. Executive Engineers will be responsible that, on the issue

ORDER—dated 2nd April 1886, No. 903 W., Public Works.

Communicated to Superintending Engineers and to the Military Department.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To Superintending Engineers,
„ the Military Department.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of Madras.

PUBLIC WORKS.

Dated April, 2nd.

Recd.

Encl.

G.O., 2nd April 1886, No. 903 W.

APRIL.

Plans of Fortifications

Circular from the Government of India relative to arrangements for maintaining correct — and works of defence, communicated to Superintending Engineers and to the Military Department.

903
10TH FEBRUARY 1886, No. 371 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Colonel J. J. McLEOD INNES, V.C., R.E., Inspector-General of Military Works, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 3rd December 1885, No. 5417:—

I have the honor to advise despatch by Government bullock train (receipt enclosed) of the military standard plans, as per accompanying list, in compliance, as far as possible, with your indent, No. 2400 C., dated 2nd December 1883.

2. There has been unavoidable delay in meeting your indent; the bulk of the plans were only received over from the Public Works Department, Government of India, in the early part of this year, and they took a considerable time to sort and arrange.

ORDER—dated 10th February 1886, No. 371 W., Public Works.

The standard plans received with the foregoing letter will be distributed to Superintending Engineers and to the Military Department, so far as copies are available.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers,
„ the Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of (1886) Madra
PUBLIC WORKS.

Dated February, 10th.

Recd.

Encl.

G.O., 10th Feb. 1886, No. 371 W.

FEBRUARY.

Military Standard Plans

Distribution of copies of certain
received from the Government of India.

No. 3119, dated 25th June 1885.

From—The Inspector General of Military Works,
To—The Quarter Master General in India.

WITH reference to the correspondence ending with your Circular Memorandum No. 57 Fortifications, dated 28th August 1884, respecting the procedure to be adopted in submitting the annual reports on forts, it has recently been brought to my notice that the return to the Officer of Royal Engineers of the plans forming Part I of his preliminary report, adverted to in paragraph 8 of my letter marginally noted, is opposed to the correction in section 5, paragraph 13 (d), of the Bengal Army Regulations promulgated in G. O. No. 119, dated 24th September 1883.

2. This paragraph, as revised, directs the annual submission of complete plans of each fort with the General Officer's report; and as it is understood that these plans are never returned, the result in most cases must be an enormous accumulation of identical drawings either in your office or in the Military Department.

3. All that appears to me to be needed is that you should be supplied with one or more copies of the plans of each fort corrected up to date, after which, unless important changes have been made in the structural features of the fort since the last inspection, fresh copies of the plans should not be submitted with the succeeding annual reports. It might be left to the discretion of the General Officer Commanding, in concert with the Superintending Engineer, to decide what alterations were important enough to necessitate the submission of corrected plans with an annual report, such plans when furnished being recorded in supersession of the former ones, which should then be destroyed.

4. Should His Excellency the Commander-in-Chief concur in this proposal, I would request that the necessary amendment in the Bengal Army Regulations may be published for guidance.

No. 3072B., dated 23rd July 1885.

From—The Quarter Master General in India,
To—The Secretary to the Government of India, Military Department.

WITH reference to the rules for the inspection of fortified places, contained in paragraph 13 (d), section 5, Bengal Army Regulations, I am directed by the Commander-in-Chief to submit the marginally noted letter from the Inspector General of Military Works, representing that, under present regulations, a number of, in many cases identical, drawings of forts in India, the preparation of which entails great labor, must accumulate in the Military Department Secretariat.

2. The Commander-in-Chief concurs in the opinion of the Inspector General, Military Works, that an accumulation of identical plans is not required, and is anxious to reduce the labor of preparing these annually.

3. While, therefore, His Excellency generally agrees in the proposals made in paragraph 3 of Inspector General's letter, and submits draft corrections to give effect to them, he desires to point out that, without great care, there is a possibility that in the course of time important details may be omitted from the record, and serious inconvenience caused thereby, especially in the case of the more important forts, where changes are frequent, and in his opinion it would be a great improvement if the system which obtains in England could be adopted, viz., of having impressions of all such plans on thin paper, so that portions can be easily cut out and corrected as changes occur.

4. The draft of necessary corrections to the paragraph of the Bengal Army Regulations above referred to is as follows:—

(Clause d).—For “together with the plans forming Part I of the Royal Engineers’ Report,” substitute “together with the plans forming Part I of the Royal Engineers’ Report, should any important structural changes in the features of the fort have taken place since last inspection.”

(Clause e).—After the report of the General Officer has been despatched to Army Head-Quarters, the report of the Royal Artillery Officer (clause a) will be returned to the Officer who prepared it, and Parts I and II (unless the former has been forwarded to Head-Quarters under the above clause) of the report of the Royal Engineer Officer (clause b) will be transmitted to the Executive Engineer of the Division in which the fort lies, and will remain in his Office for reference.

No. 87M.W., dated 23rd January 1886.

From—The Government of India, Military Department,

To—The Quarter Master General in India.

In reply to your letter No. 3072B., dated 23rd July 1885, I am directed to convey the approval of the Government of India to the draft therein submitted to amend section 5, clauses d and e, of the Bengal Army Regulations, regarding the submission of complete plans of each fort with the General Officer's reports.

2. With regard to the proposal in paragraph 3 of your letter, to have impressions of all plans of forts on thin paper, so that portions can be easily cut out and corrected as changes occur, I am to say that, having consulted the Surveyor General of India and the Inspector General of Military Works, the Government of India think that the cheapest and most practical method of attaining the object in view will be for the Surveyor General to keep the zinc plates from which impressions are printed off. These plates may be of thinner sheets than usual, purchased specially for this particular work. The plates could be corrected when necessary by hand, and a new supply of copies printed off whenever required. The cost of the plates will be debitable to the Military Works Grant.

3. In the case of very extensive corrections, the Surveyor General should be supplied with correct original plans to be reproduced *de novo*.

Copy of the foregoing, with copy of the letter to which it is in reply, forwarded to the Inspector General of Military Works for information, with reference to his letter No. 3119, dated 25th June 1885, to the address of the Quarter Master General in India.

By order,

(Sd.) J. E. BROADBENT, Capt., R.E.,

Assistant Secretary to the Government of India.

903
5/3
Military Works Department.

Circular No. 2 Fortifications.

FROM

THE INSPECTOR GENERAL OF MILITARY WORKS,

TO

THE SUPERINTENDING AND EXECUTIVE ENGINEERS,
MILITARY WORKS DEPARTMENT AND BILUCHISTAN.

Simla, 3rd March 1886.

THE correspondence noted in the margin, relative to the maintenance in a correct state of the plans of forts and defensive works, is forwarded for information and guidance.

2. Executive Engineers will be responsible that, on the issue of corrected or fresh plans of any fort, the obsolete copies of previous plans are destroyed or kept in safe custody.

W. G. BOWYER, Captain, R.E.,

for Inspector General, Military Works.

CIRCULAR No. 2 FORTIFICATIONS.

OFFICE OF INSPECTOR GENERAL OF MILITARY WORKS.

Simla, 3rd March 1886.

SUBJECT.

Arrangements for maintaining correct plans of forts and works of defence.

Govt. C. B. Press, Simla.—No. 252 I. G., M. W.—19-8-86.—119.

All communications to be addressed to the Inspector General of Military Works.

MILITARY WORKS DEPARTMENT.

No. 1126/3/11

From

Colonel G. C. L. Sanford, R.E.,

Inspector General of Military Works,

To

The Secretary to Government of Madras,
Public Works Department.

Simla, 24th March 1886.

SIR,

I have the honor to forward for information 15 copies of Military Works Department Circular No. 2 Fortifications, of 1886, relative to arrangements for maintaining correct plans of forts and works of defence.

I have the honor to be,

Sir,

Your most obedient servant,
W. G. Bowyer

Captain, R.E.,

For Inspector Genl. Mily. Works.

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Print with
pencil

M.R.
M.R. works

Prcl 2480

A No 903 Wa/2 April/86.

Communicated

to Suptg. Engrs. and
to the Military Dept.

As 31/3/86.

As 2/4/86



2/4/86

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Suptg. Engrs.
Military Dept.

2/4/86

W. Thorne
with order

2486

Govt. of Madras.

PUBLIC WORKS.

Dated

3/4/86

Recd.

Encl.

G.O., 2nd April 1886, No. 9134.

Plans of Forts

Enquire the Govt
relative to arrange-
ments for maintaining
Coast & works
of defence, Caernarvon
& the 4 to the
Military Dept.

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125/4

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