

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

11th October 1886, No. 6315.

Defences—Forts.

Read the following paper :—

No. 95. From Brigadier-General E. FAUNCE, Officiating Quarter Master General, to Lieutenant-Colonel A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 11th September 1886, No. 2924-B.

I am desired, by the Commander-in-Chief, to submit to Government the Annual Inspection Report of Fort St. George for 1886, with the following remarks :—

I. Armament.—It having been found impossible to mount one of the 24-pdrs. on the Royal Bastion without sacrificing the Wash House of the Military Prison, the total number of guns of this calibre should be reduced to 37.

When the two 5-barrel Nordenfeldt guns to be allotted * to the Fort are received, it will be necessary to alter

* *Vide* statement with Proceedings of Government, No. 3060, dated 6th June 1885. the existing platforms for machine guns which were provided for the Gardner guns originally issued experimentally.

II. Stores.—The defective tampions of the 24-pdrs. have since been altered.

III. Magazines.—As the new shell and cartridge stores for each group of guns are reported to have been since completed, none of the magazines within the *enceinte* of the Fort will in future be utilized for storage of ammunition of the Fort armament. They have all been condemned as unsafe, and His Excellency the Commander-in-Chief has decided that it would be in every respect better that they should hereafter be utilized as ordnance store rooms, letting the new magazine on the berm contain such proportion of powder for the armament of the Fort and Beach Batteries as it may be desirable to keep within easy reach, the remainder being stored in the magazine at St. Thomas' Mount.

IV. Works considered necessary.—

- (a) Demolition of outworks.—Though there is no prospect of this work being carried out at present, Sir Herbert Macpherson would wish to record his opinion as to the necessity for it when funds are available.
- (b) Removal of work-sheds on South Berm while the Ordnance Department is so pressed for space within the Arsenal and it is impossible to find space elsewhere in the Fort for these work-sheds.—The Commander-in-Chief would suggest that they be allowed to remain where they are until necessity arises for using the guns with the fire of which they now interfere, when their demolition could be carried out without any great delay.
- (c) Facing walls of *enceinte* with Portland cement.—This is certainly a desirable measure and ought to be carried out.
- (d) Magazine in Wallajah berm.—This work is in progress.
- (e) Removal of Gardner gun recess. } Should all be carried out soon.
- (f) Repairs to Palisades, and }
- (g) Removal of coal shed. }
- (h) Removal of stables from the Fort.—This is no doubt a most desirable measure, but until the outworks are demolished, it seems impossible to provide a site for them outside the *enceinte*.

From Brigadier-General A. C. JOHNSON, c.b., Commanding Eastern District, to the Quarter Master General, Madras Army; dated Fort St. George, 30th March 1886, No. G. 112-A.

I have the honor to inform you that on the 20th March 1886, accompanied by the officers as per margin, I held an inspection of Fort St. George as directed in para. 16, Section V, Madras Army Regulations.

Colonel H. L. Prendergast, R.E., Superintending Engineer, V Circle.
Colonel E. Staveley, Commanding Royal Artillery, Eastern District.
Lieutenant-Colonel F. Smalley, Officiating Deputy Assistant Quarter Master General, Eastern District.

2. The reports submitted by a senior Officer, Royal Artillery, Fort St. George, and by the Executive Engineer, Presidency Division, were duly considered on the spot and hereinafter embodied.

3. *Armament.*—The authorized armament consists of—

- (a) Five 80-pdr. R.M.L. converted guns of 5 tons.
- (b) Thirty-eight 24-pdr. S.B. cast-iron guns of 50 cwt.
- (c) Three 10-inch S.B.C.I. mortars.
- (d) Two gardner machine guns.

(b) One of the 24-pdr. guns has been removed from the Royal Bastion, thereby reducing present S.B. armament to 37.

(d) In England having cartridge chambers altered.

In addition to the above, there are the following used for signal, time, and saluting purposes:—

- (e) Six 18-pdr. C.I.S.B. guns.
- (f) Six 9-pdr. bronze S.B. guns.
- (g) One 6-pdr. C.I. gun.

Condition of guns, carriages and platforms good, all the guns are mounted and the armament is complete, except (d) as above.

4. *Ammunition.*—The regulated proportion of ammunition is complete and good.

5. *Store Rooms.*—The new store rooms at each of the bastions for the groups of guns situated thereon are either completed or on the point of being so.

6. *Stores.*—The tampions of the 24-pdr. are too small and drop out on the guns being depressed.

7. *Magazines.*—Nos. 3 and 9 Magazines are in good order and in use. No. 24 Magazine is too damp for use. There are new shell and cartridge stores in each of the bastions of the Fort completed or almost so.

8. *Defences.*—A detailed description of every part of the defences is contained in Part II, Annual Report of Fort St. George, published in G.O., 23rd July 1883, No. 4035. It is therefore needless to repeat the description in this report.

9. *Works completed during the year—*

- (a) Stone platforms and embrasures for 24-pdrs.
- (b) Demolition (in part) gas-works.
- (c) Mounting the guns of the armament.
- (d) Emplacements for 80-pdr. 5-ton guns at salients North-East and South-East Demi-Bastions.

10. *Works in Progress.*—Emplacements for the 80-pdr. guns at salients of Wallajah, St. George's and Royal Bastion's expense, shell and cartridge stores and artillery stores for the groups of guns at these bastions. These are on the point of completion and will be handed over to the Royal Artillery by 20th April 1886.

11. *Works considered necessary.—*

- (a) The demolition of all the outworks inclusive of the traverses on the covered way.
- (b) The removal of the work-sheds of the Ordnance Department on the South Berm.
- (c) The rendering of the walls of the *enceinte* with Portland cement.
- (d) Magazine on the berm of the Wallajah Gate.
- (e) Removal of recess for Gardner gun on salient of Flag-staff Redan.
- (f) Repair of the Palisades at the crest of the glacis.
- (g) Demolition of coal shed on left flank of Royal Bastion.
- (h) Removal of stables from the Fort.

(a) These demolitions will cost Rs. 33,997, and the work is very necessary as not only are the outworks now useless, and in a ruinous state, but they entirely mask a great number of the guns on the *enceinte*. When levelled, space would be afforded for stables, &c., which are much required to be moved out of the Fort.

(b) These sheds completely mask the two guns on the East flank of Wallajah Bastion, and the two on the West flank of the South-East Demi-Bastion; their removal is urgently required, and could be effected for value of materials composing them.

(c) It is recommended that a sum of Rs. 5,000 be expended annually for this purpose till the whole of these walls are so treated.

(d) Plan and estimate for this work are under preparation, and a sum of Rs. 20,000 has been provided for in Budget Estimate, 1886-87.

(e) This is not required, is out of place, and should be removed.

(f) It is recommended that Rs. 5,000 be annually expended for maintaining these in proper order; no repairs were executed to them during the past year for want of funds, and they are now in a very bad condition.

(g) This is useless and objectionable thus situated, is falling down, and should be removed.

(h) It has been long contemplated to erect stabling and coach-houses outside the Fort; a position was chosen and estimate and plan prepared, but Government not having approved of the site, the matter stands in abeyance; and no other site appears to be available, until the outworks are levelled, when no doubt one may be selected without interfering with the fire of the guns.

12. Part I of the Annual Report of Executive Engineer consisting of a plan and sections through the most important part of the works of Fort St. George, is attached.

No. 96. ORDER THEREON, 11th October 1886, No. 6315.

Communicated for the information of the Public Works Department and for favor of issue of the necessary orders in regard to works (c), (e), (f) and (g) referred to in para. IV of the Quarter Master General's letter.

2. The report will be forwarded to the Government of India and their attention invited to the suggestion for the withdrawal from the armament of this fortress of the 24-pdr. 50-cwt. S.B. cast-iron gun ordered to be mounted on the Royal Bastion.

No. 97. To the Secretary to the Government of India, Military Department; dated 11th October 1886, No. 6316.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Public Works Department.
„ Quarter Master General.
„ Inspector-General of Ordnance.

Exd. P. L. Pereira.

Govt. of (1886) Madras.

MILITARY.

To
THE PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated October, 11th.

Issued

Recd. Encl.

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OCTOBER.

Nos. 95—97.

Defences—Forts.

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When the two 5-barrel Nordenfeldt guns to be allotted * to the Fort are received, it will be necessary to alter the existing platforms for machine guns which were provided for the Gardner guns originally issued experimentally.

II. Stores.—The defective tampions of the 24-pdrs. have since been altered.

III. Magazines.—As the new shell and cartridge stores for each group of guns are reported to have been since completed, none of the magazines within the enceinte of the Fort will in future be utilized for storage of ammunition of the Fort armament. They have all been condemned as unsafe, and His Excellency the Commander-in-Chief has decided that it would be in every respect better that they should hereafter be utilized as ordnance store rooms, letting the new magazine on the berm contain such proportion of powder for the armament of the Fort and Beach Batteries as it may be desirable to keep within easy reach, the remainder being stored in the magazine at St. Thomas' Mount.

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- (b) Removal of work-sheds on South Berm while the Ordnance Department is so pressed for space within the Arsenal and it is impossible to find space elsewhere in the Fort for these work-sheds.—The Commander-in-Chief would suggest that they be allowed to remain where they are until necessity arises for using the guns with the fire of which they now interfere, when their demolition could be carried out without any great delay.
- (c) Facing walls of enceinte with Portland cement.—This is certainly a desirable measure and ought to be carried out.
- (d) Magazine in Wallajah berm.—This work is in progress.
- (e) Removal of Gardner gun recess.
- (f) Repairs to Palisades, and
- (g) Removal of coal shed.
- (h) Removal of stables from the Fort.—This is no doubt a most desirable measure, but until the outworks are demolished, it seems impossible to provide a site for them outside the enceinte.

From Brigadier-General A. C. JOHNSON, C.B., Commanding Eastern District, to the Quarter Master General, Madras Army; dated Fort St. George, 30th March 1886, No. G. 112-A.

I have the honor to inform you that on the 20th March 1886, accompanied by the officers as per margin, I held an inspection of Fort St. George as directed in para. 16, Section V, Madras Army Regulations.

Colonel H. L. Prendergast, R.E., Superintending Engineer, V Circle.

Colonel E. Staveley, Commanding Royal Artillery, Eastern District.

Lieutenant-Colonel F. Smalley, Officiating Deputy Assistant Quarter Master General, Eastern District.

2. The reports submitted by a senior Officer, Royal Artillery, Fort St. George, and by the Executive Engineer, Presidency Division, were duly considered on the spot and hereinafter embodied.

3. *Armament.*—The authorized armament consists of—

- (a) Five 80-pdr. R.M.L. converted guns of 5 tons.
- (b) Thirty-eight 24-pdr. S.B. cast-iron guns of 50 cwt.
- (c) Three 10-inch S.B.C.I. mortars.
- (d) Two Gardner machine guns.
- (b) One of the 24-pdr. guns has been removed from the Royal Bastion, thereby reducing present S.B. armament to 37.
- (d) In England having cartridge chambers altered.

In addition to the above, there are the following used for signal, time, and saluting purposes:—

- (e) Six 18-pdr. C.I.S.B. guns.
- (f) Six 9-pdr. bronze S.B. guns.
- (g) One 6-pdr. C.I. gun.

Condition of guns, carriages and platforms good, all the guns are mounted and the armament is complete, except (d) as above.

4. *Ammunition.*—The regulated proportion of ammunition is complete and good.

5. *Store Rooms.*—The new store rooms at each of the bastions for the groups of guns situated thereon are either completed or on the point of being so.

6. *Stores.*—The tampions of the 24-pdr. are too small and drop out on the guns being depressed.

7. *Magazines.*—Nos. 3 and 9 Magazines are in good order and in use. No. 24 Magazine is too damp for use. There are new shell and cartridge stores in each of the bastions of the Fort completed or almost so.

8. *Defences.*—A detailed description of every part of the defences is contained in Part II, Annual Report of Fort St. George, published in G.O., 23rd July 1883, No. 4035. It is therefore needless to repeat the description in this report.

9. *Works completed during the year—*

- (a) Stone platforms and embrasures for 24-pdrs.
- (b) Demolition (in part) gas-works.
- (c) Mounting the guns of the armament.
- (d) Emplacements for 80-pdr. 5-ton guns at salients North-East and South-East Demi-Bastions.

10. *Works in Progress.*—Emplacements for the 80-pdr. guns at salients of Wallajah, St. George's and Royal Bastion's expense, shell and cartridge stores and artillery stores for the groups of guns at these bastions. These are on the point of completion and will be handed over to the Royal Artillery by 20th April 1886.

11. *Works considered necessary.—*

- (a) The demolition of all the outworks inclusive of the traverses on the covered way.
- (b) The removal of the work-sheds of the Ordnance Department on the South Berm.
- (c) The rendering of the walls of the *enceinte* with Portland cement.
- (d) Magazine on the berm of the Wallajah Gate.
- (e) Removal of recess for Gardner gun on salient of Flag-staff Redan.
- (f) Repair of the Palisades at the crest of the glacis.
- (g) Demolition of coal shed on left flank of Royal Bastion.
- (h) Removal of stables from the Fort.

(a) These demolitions will cost Rs. 33,997, and the work is very necessary as not only are the outworks now useless, and in a ruinous state, but they entirely mask a great number of the guns on the *enceinte*. When levelled, space would be afforded for stables, &c., which are much required to be moved out of the Fort.

- (b) These sheds completely mask the two guns on the East flank of Wallajah Bastion, and the two on the West flank of the South-East Demi-Bastion; their removal is urgently required, and could be effected for value of materials composing them.
- (c) It is recommended that a sum of Rs. 5,000 be expended annually for this purpose till the whole of these walls are so treated.
- (d) Plan and estimate for this work are under preparation, and a sum of Rs. 20,000 has been provided for in Budget Estimate, 1886-87.
- (e) This is not required, is out of place, and should be removed.
- (f) It is recommended that Rs. 5,000 be annually expended for maintaining these in proper order; no repairs were executed to them during the past year for want of funds, and they are now in a very bad condition.
- (g) This is useless and objectionable thus situated, is falling down, and should be removed.
- (h) It has been long contemplated to erect stabling and coach-houses outside the Fort; a position was chosen and estimate and plan prepared, but Government not having approved of the site, the matter stands in abeyance; and no other site appears to be available, until the outworks are levelled, when no doubt one may be selected without interfering with the fire of the guns.

12. Part I of the Annual Report of Executive Engineer consisting of a plan and sections through the most important part of the works of Fort St. George, is attached.

No. 96. ORDER THEREON, 11th October 1886, No. 6315.

Communicated for the information of the Public Works Department and for favor of issue of the necessary orders in regard to works (c), (e), (f) and (g) referred to in para. IV of the Quarter Master General's letter.

2. The report will be forwarded to the Government of India and their attention invited to the suggestion for the withdrawal from the armament of this fortress of the 24-pdr. 50-cwt. S.B. cast-iron gun ordered to be mounted on the Royal Bastion.

No. 97. To the Secretary to the Government of India, Military Department; dated 11th October 1886, No. 6316.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Public Works Department.
" Quarter Master General.
" Inspector-General of Ordnance.

Exd. P. L. Pereira.

Gobt. of (1886) Madras.

MILITARY.

To
THE PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated October, 11th.

Issued

Recd.

Encl.

G.O., 11th October 1886, No. 6315.

OCTOBER.

Nos. 95—97.

Defences—Forts.

Fort St. George.—Orders passed on the
Annual Inspection Report of — for 1886.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

11th October 1886, No. 6315.

Defences—Forts.

Read the following paper :—

No. 95. From Brigadier-General E. FAUNCE, Officiating Quarter Master General, to Lieutenant-Colonel A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 11th September 1886, No. 2924-B.

I am desired, by the Commander-in-Chief, to submit to Government the Annual Inspection Report of Fort St. George for 1886, with the following remarks :—

I. Armament.—It having been found impossible to mount one of the 24-pdrs. on the Royal Bastion without sacrificing the Wash House of the Military Prison, the total number of guns of this calibre should be reduced to 37.

When the two 5-barrel Nordenfeldt guns to be allotted * to the Fort are received, it will be necessary to alter the existing platforms for machine guns which were provided for the Gardner guns originally issued experimentally.

* Vide statement with Proceedings of Government, No. 3060, dated 6th June 1885.

II. Stores.—The defective tampions of the 24-pdrs. have since been altered.

III. Magazines.—As the new shell and cartridge stores for each group of guns are reported to have been since completed, none of the magazines within the enceinte of the Fort will in future be utilized for storage of ammunition of the Fort armament. They have all been condemned as unsafe, and His Excellency the Commander-in-Chief has decided that it would be in every respect better that they should hereafter be utilized as ordnance store rooms, letting the new magazine on the berm contain such proportion of powder for the armament of the Fort and Beach Batteries as it may be desirable to keep within easy reach, the remainder being stored in the magazine at St. Thomas' Mount.

IV. Works considered necessary.—

- (a) Demolition of outworks.—Though there is no prospect of this work being carried out at present, Sir Herbert Macpherson would wish to record his opinion as to the necessity for it when funds are available.
- (b) Removal of work-sheds on South Berm while the Ordnance Department is so pressed for space within the Arsenal and it is impossible to find space elsewhere in the Fort for these work-sheds.—The Commander-in-Chief would suggest that they be allowed to remain where they are until necessity arises for using the guns with the fire of which they now interfere, when their demolition could be carried out without any great delay.
- (c) Facing walls of enceinte with Portland cement.—This is certainly a desirable measure and ought to be carried out.
- (d) Magazine in Wallajah berm.—This work is in progress.
- (e) Removal of Gardner gun recess.
- (f) Repairs to Palisades, and
- (g) Removal of coal shed.
- (h) Removal of stables from the Fort.—This is no doubt a most desirable measure, but until the outworks are demolished, it seems impossible to provide a site for them outside the enceinte.

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Colonel H. L. Prendergast, R.E., Superintending Engineer, V Circle.
Colonel E. Staveley, Commanding Royal Artillery, Eastern District.
Lieutenant-Colonel F. Smalley, Officiating Deputy Assistant Quarter Master General, Eastern District.

2. The reports submitted by a senior Officer, Royal Artillery, Fort St. George, and by the Executive Engineer, Presidency Division, were duly considered on the spot and hereinafter embodied.

3. Armament.—The authorized armament consists of—

- (a) Five 80-pdr. R.M.L. converted guns of 5 tons.
- (b) Thirty-eight 24-pdr. S.B. cast-iron guns of 50 cwt.
- (c) Three 10-inch S.B.C.I. mortars.
- (d) Two Gardner machine guns.

(b) One of the 24-pdr. guns has been removed from the Royal Bastion, thereby reducing present S.B. armament to 37.
(d) In England having cartridge chambers altered.

In addition to the above, there are the following used for signal, time, and saluting purposes:—

- (e) Six 18-pdr. C.I.S.B. guns.
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Condition of guns, carriages and platforms good, all the guns are mounted and the armament is complete, except (d) as above.

4. Ammunition.—The regulated proportion of ammunition is complete and good.

5. Store Rooms.—The new store rooms at each of the bastions for the groups of guns situated thereon are either completed or on the point of being so.

6. Stores.—The tampions of the 24-pdr. are too small and drop out on the guns being depressed.

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8. Defences.—A detailed description of every part of the defences is contained in Part II, Annual Report of Fort St. George, published in G.O., 23rd July 1883, No. 4035. It is therefore needless to repeat the description in this report.

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10. Works in Progress.—Emplacements for the 80-pdr. guns at salients of Wallajah, St. George's and Royal Bastion's expense, shell and cartridge stores and artillery stores for the groups of guns at these bastions. These are on the point of completion and will be handed over to the Royal Artillery by 20th April 1886.

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(a) These demolitions will cost Rs. 33,997, and the work is very necessary as not only are the outworks now useless, and in a ruinous state, but they entirely mask a great number of the guns on the *enceinte*. When levelled, space would be afforded for stables, &c., which are much required to be moved out of the Fort.

(b) These sheds completely mask the two guns on the East flank of Wallajah Bastion, and the two on the West flank of the South-East Demi-Bastion; their removal is urgently required, and could be effected for value of materials composing them.

(c) It is recommended that a sum of Rs. 5,000 be expended annually for this purpose till the whole of these walls are so treated.

(d) Plan and estimate for this work are under preparation, and a sum of Rs. 20,000 has been provided for in Budget Estimate, 1886-87.

(e) This is not required, is out of place, and should be removed.

(f) It is recommended that Rs. 5,000 be annually expended for maintaining these in proper order; no repairs were executed to them during the past year for want of funds, and they are now in a very bad condition.

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(h) It has been long contemplated to erect stabling and coach-houses outside the Fort; a position was chosen and estimate and plan prepared, but Government not having approved of the site, the matter stands in abeyance; and no other site appears to be available, until the outworks are levelled, when no doubt one may be selected without interfering with the fire of the guns.

12. Part I of the Annual Report of Executive Engineer consisting of a plan and sections through the most important part of the works of Fort St. George, is attached.

No. 96. ORDER THEREON, 11th October 1886, No. 6315.

Communicated for the information of the Public Works Department and for favor of issue of the necessary orders in regard to works (c), (e), (f) and (g) referred to in para. IV of the Quarter Master General's letter.

2. The report will be forwarded to the Government of India and their attention invited to the suggestion for the withdrawal from the armament of this fortress of the 24-pdr. 50-cwt. S.B. cast-iron gun ordered to be mounted on the Royal Bastion.

No. 97. To the Secretary to the Government of India, Military Department;
dated 11th October 1886, No. 6316.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Public Works Department.
" Quarter Master General.
" Inspector-General of Ordnance.

Ed. P. L. Pereira.

Gobt. of {1886} Madras.

MILITARY.

To
THE PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated October, 11th.

Issued

Recd.

Encl.

G.O., 11th October 1886, No. 6315.

OCTOBER.

Nos. 95—97.

Defences—Forts.

Fort St. George.—Orders passed on the
Annual Inspection Report of — for 1886.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

No. 2746/Way/1886
Pro: Military Dept. H. & No. 6315/11-10-86.

*Communicated to
the Suptg. Engineer V
circle in view to the
early preparation of
estimates for carrying
out items (e), (f), and
(g), para IV of the
Quarter master Genl's
letter. An estimate
for item (c) has already
been called for in
para 2 of G.O. No. 2497/W.
dated 25th Sept. 1886.*

*2. Adverting to the
remark against item
(d) - Magazine in
Wallajah heru - the*

Supdy. Engineer will report what progress has been made with the work. No reply has yet been received to No. 1239-40 W. dated 17th May 1886 forwarding the estimate for the sanction of the Govt. of India.

(Sd) D. McNC.

16-10-86

(Sd) J. O. H.

16-10-86.

S. & V circle
Mily. Sept.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

11th October 1886, No. 6315.

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No. 97.

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dated 11th October 1886, No. 6316.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

To the Public Works Department.
" Quarter Master General.
" Inspector-General of Ordnance.

Exd. P. L. Pereira.

Govt. of {1886} Madras.

MILITARY.

To
THE PUBLIC WORKS DEPARTMENT,
&c., &c., &c.

Dated October, 11th.

Issued

Recd.

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G.O., 11th October 1886, No. 6315.

OCTOBER.

Nos. 95—97.

Defences—Forts.

Fort St. George.—Orders passed on the
Annual Inspection Report of — for 1886.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

No 2746 dated 18th Oct/86
Pro: Military Dept. H. & No. 6315 d/11-10-86.

*Communicated
to the Suptg. Engineer
V circle in view to
the early preparation
of estimates for carry-
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16-10-86

(sd) J. O. H.

16-10-86

No. 2746 W dated 18th Oct/86

S.E. & circle
aily. sept.