M.R.O. 1—10,006—28-2-50.

(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. 2501 Press Original
B.P. No. Mis. 1874

Dated 3-9 195 .

***Not to be folded or roughly handled***

*Proceedings of the Madras Government, Public Works Department, 3rd September* 1874.

No. 72. Read the following letter from Lieutenant A. AWDRY, Private Secretary to His Excellency the Governor, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Coonoor, 21st August 1874, No. 112:—

I have the honor to inform you that since G. O., No. 1,643, of the 14th May 1873, was passed in the Military Department, the Government House at Guindy Park has been deprived of the fire engine which used to be stationed there, and if a fire were to break out the Government property there would in all probability be much damaged before the engine from Saint Thomas' Mount could arrive.

2. I am therefore directed to bring the subject under your notice, and to request that a fire engine may be supplied from the Public Works Stores or elsewhere, to be stationed at Guindy Park in charge of the Farm Superintendent, who will be ordered to practice the farm laborers and others in the use of it.

3. Accommodation for the engine might be arranged by the District Engineer of Chingleput without difficulty, under the passage connecting the second and third bungalows.

---

No. 73. Order thereon, 3rd September 1874, No. 2,501.

MILITARY WORKS, No. 3.

Communicated to the Military Department in order that the Inspector General of Ordnance be instructed to issue to the Presidency District Engineer all necessary component parts of a fire engine of moderate size, including hose, with a view to their being put together at the Public Works Workshops for use at Government House, Guindy, where the Superintending Engineer in charge of Chingleput District will make the necessary arrangements for shelter and security when not in use. The necessary estimates will be submitted for sanction in due course.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
*Secretary to Government.*

To the Military Department.
" District Engineer, Presidency.
" Superintending Engineer, Chingleput.
" Officiating Controller of Public Works Accounts.
" Private Secretary to His Excy the Governor.

Exd. S. T. Austin.
Spare Copies

Read the following papers:—

No. 175. From W. H. CRAKE, Esq., Chairman Chamber of Commerce, Madras; to the Honorable A. J. ARBUTHNOT, Chief Secretary to Government, Madras, dated 24th August 1863.

By desire of the Chamber of Commerce, I have the honor to draw your attention to the dangers which threatened this town on the night of the 26th June when a fire broke out at Messrs. Line & Co.'s Cotton Godowns. The accident alluded to occurred during the Mohurrum, and the Chamber has every reason to suspect that it was caused by the passage through the town of the riotous torch-light processions a few hours before the discovery of the flames.

The Chamber begs to urge upon Government the great desirability of establishing an efficient Fire Brigade in the town, and of appointing some official to give orders in such an emergency as the above. The Chamber would also hope that the Government will order the discontinuance of torch-light processions through the town, as they are alike dangerous to property, and annoying to the inhabitants.

---

Referred to the Commissioner of Police for report.

(Signed) A. J. ARBUTHNOT,
*Chief Secretary.*

FORT SAINT GEORGE,
*27th August* 1863.

---

No. 176. From Lieutenant Colonel W. J. WILSON, Commissioner of Police; to the Honorable A. J. ARBUTHNOT, Chief Secretary to Government, Fort Saint George, dated Madras, 7th September 1863.

I have the honor to return the letter of the Chairman of the Chamber of Commerce on the subject of the organization of a Fire Brigade for this City, and on the use of torches with native processions, which was referred to me on the 27th ultimo.

2. I will in the first place detail the number of Fire Engines at present available, and the ordinary course pursued on the breaking out of fire, and then proceed to consider the most expedient manner of improving upon existing arrangements.

3. The engines are at present stationed at the following places:—

| | |
|---|---|
| Arsenal... ... ... ... ... | 3 |
| Custom House... ... ... ... | 1 |
| Commissariat Office ... ... ... | 1 |
| Bullet Manufactory ... ... ... | 1 |
| Mint... ... ... ... ... | 1 |
| Gun Carriage Manufactory ... ... | 1 |
| Gunpowder " ... ... | 2 |
| Railway... ... ... ... ... | 2 |
| Total... | 12 |

Besides these I am given to understand that there are five or six engines in store at the Arsenal which might be rendered serviceable at a moderate cost, and four more belonging to the Railway which could be made available in the course of a few hours. The executive of the last named Department has always been prompt in affording assistance on all occasions.

4. The Municipal Commissioners sent orders to England some time ago for two Fire Engines with hoses, suction pipes and buckets complete, which are expected to arrive shortly.

5. A Tindal with a party of Lascars remains at the Arsenal day and night in readiness to turn out in case of any alarm of fire, and the Store Serjeant in charge of the engines always accompanies them to superintend and direct their working. The engine at the Custom Office, which is in charge of the Master Attendant, is worked by the boatmen; that at the Gun Carriage Manufactory by the Ordnance Pupils and coolies; and most of the others are in like manner worked by the establishment to which they are attached.

6. On all occasions of fire, intelligence is immediately sent by the Police according to circumstances. If the fire is not serious the nearest engines are generally found sufficient, but in all alarming cases a requisition is sent to the Fort, and the engines are generally accompanied by a fatigue party from the European Regiment in garrison, which is always found to be most efficient, not only in working the engines, but in rendering assistance in every way.

7. In London it is the duty of the Police to give notice at the Parochial Fire Engine station, and at the nearest station of the Fire Engine establishment, to clear the street or ground in the immediate vicinity of the fire, and to assist in the rescue of persons, and in the removal of property conformably with the wishes of the owners; but they are prohibited from working the engines except in cases of absolute necessity. These rules are followed here as far as applicable, but it has generally been found necessary for the Police to work as Firemen as well as to attend to their own proper duties.

8. It will thus be seen that with the exception of the Railway Engines all the means for suppressing fires both in men and materiel are furnished by Government and that on a liberal scale. These means with the addition of the engines ordered by the Municipal Commissioners, who it is to be presumed will organize a small party to work them, will I believe be found sufficient.

9. It appears, however, that the Government engines might be more advantageouly posted than they are at present, and I would suggest that those now in store be put into a serviceable condition and stationed as follows:—

One at Abercrombie's Battery.
One in Royapoorum, or in Washerman's Pettah.
One in Triplicane.
One in Saint Thomé, and
One in Pursewaukum, or in Vepery.

If this proposal is adopted, it will be necessary to provide cover for the engines at central positions within their respective Districts, and as these matters are managed by the Parochial authorities in England the charge of the engines might be undertaken by the Municipal Commissioners. I would also strongly advise that all the Government Fire Engines be periodically inspected by a competent person from the Arsenal in order to ensure their being kept in a fit state for immediate service.

10. If one of the engines expected by the Municipal Commissioners is kept at their premises in Semboo Doss Street, and the other at, or near the Trevelyan Water Works, they will be available for the central and western portions of the City.

11. An important matter connected with this subject is the supply of water, in which respect we are not well provided. There are certain cisterns on the Esplanades, and in the vicinity of the Custom House and of Clive's Battery which belong to the Department of Public Water Works.

There are also other cisterns belonging to the Municipality situated in the China Bazar road, Nulla Moottoo Chetty Street, and Oodacal Street; and a few public Wells in different parts of the town; but it is generally found necessary to resort to the Wells in private houses which is objectionable for may reasons.

12. The large body of water in the reservoir at the Trevelyan Water Works might probably be made use of to supply cisterns at different points in the west and centre of the town; but this being an Engineering question, I simply draw attention thereto.

13. With regard to the hope expressed in the concluding portion of Mr. Crake's letter to the effect that Government would order the discontinuance of torch-light processions, I cannot venture to recommend the adoption of any such measure. No procession of any kind takes place at night, whether Hindoo or Mahomedan, without being accompanied by torches and blue lights. Processions from Pagodas of a religious nature, and those from private houses on occasions of domestic ceremonies are alike in this respect, and there is probably not a night in the year during which such processions do not take place in some part of the town.

14. It is stated in the Chairman's letter that there is reason to suspect that the late fire was caused by the torches accompanying the procession at the Mohurrum; this view may be correct, but it was also the opinion of many that it arose from spontaneous combustion.



15. For sometime past owing to the sudden increase in the Cotton trade, a much greater quantity of that article has been brought into Madras than the purchasers have been able to house and the consequence is that it has to be stowed in court yards, and on the pials of houses, until proper places can be procured for its reception. This is a state of things which cannot be expected to last, but while it does continue it seems more reasonable that the owners should make some special arrangements for the protection of their goods from fire, than that they should call for measures involving so indiscriminate an interference with the long established customs of the people.

16. It must, however, be admitted that the straggling parties at the Mohurrum scarcely come within the same category as the processions to which I have referred in the 13th paragraph of this letter, as they partake more of the character of saturnalia than of ordinary religious observances, and it is notorious that a great number of the persons engaged are not Mussulmen, but Pariahs and Hindoos of the lowest castes. On the last two occasions of the celebration of this festival, the numerous bands of masqueraders who used to frequent the Mount Road, and the neighbourhood of the houses of European gentlemen, were restricted by me to Triplicane and other quarters principally inhabited by Natives, which restriction, when petitioned against, was approved of by Government.

17. Without therefore going the length of prohibiting torch-light processions during the Mohurrum, endeavours may be made to prevent all except Mussulmen from taking part therein, and also to concentrate the various parties as much as possible in order to bring them under supervision.

---

Referred for the opinion of the Municipal Commissioners with reference to the suggestions made in paragraphs 9, 10, 11 and 12.

(Signed) A. J. ARBUTHNOT,
*Chief Secretary.*

FORT SAINT GEORGE,
*8th September* 1863.

---

No. 177. From the Municipal Commissioners for the Town of Madras; to the Chief Secretary to Government, Fort Saint George, dated Madras, 16th September 1863.

1. In returning the letter from the Commissioner of Police, dated 7th instant, and its enclosure, referred by Government for our opinion on the suggestions made in paragraphs 9, 10, 11 and 12, we have the honor to state that the places at which the Commissioner of Police proposes to station the five additional Fire Engines appear to us to be well selected, and we shall have no objection to take charge of the engines if Government will provide Depôts for them, and the requisite establishments to work them.

2. The two engines imported by us from England will be stationed one at our office and the other at the Trevelyan Water Works, as recommended by Colonel Wilson.

3. The large supply of water stored in the Trevelyan cistern can, in our opinion, be availed of in case of a fire breaking out in the western and centre sections of the town, pipes having been laid down in Andeapah Naick Street as far as the Market.

(Signed) A. C. SILVER, Lieut. Colonel, *Officiating President.*
( „ ) B. CARDOZO,
( „ ) S. JESUDASEN,
*Municipal Commissioners for the Town of Madras.*

---

No. 178. From Lieutenant Colonel W. J. WILSON, Commissioner of Police; to the Honorable A. J. ARBUTHNOT, Chief Secretary to Government, Fort Saint George, dated Madras, 30th January 1864, No. 20.

I have the honor to report that about 7 o'clock on the night of the 18th instant, a fire was discovered in one of the godowns in the block of buildings to the north of the Custom House, known as the Bankshalls, where most of the rice and other grain landed in Madras is stored.

2. The Police under the direction of Mr. Ansell, the Deputy Commissioner, were on the spot shortly after the alarm was given, and the engine from the Custom House having been brought

up by Supervisor Veerasawmy Naick of the Master Attendant's Department with a party of boatmen, the fire was got under about 11 o'clock by their combined exertions, although it was not entirely quenched until some hours later. A party of the 4th Regiment Native Infantry which arrived shortly after the commencement of the fire, and which remained until a sufficient body of Police had been collected from the more distant stations, rendered material assistance.

3. I herewith foward copy of a report from Mr. Ansell, in whose remarks I entirely concur, and as I believe the subject of a Fire Brigade is still before Government, I take this opportunity of recommending that a sufficient supply of leather buckets, ladders, fire-hooks, crow-bars, axes, and grapnels be attached to each engine. In paragraph 9 of my letter, dated 7th September last, No. 117, I suggested that the Government engines should be periodically inspected by some competent person, and my opinion is strengthened by the fact that the hose of the engine burst on the night of the 18th, and the consequences would have been serious had not a spare one been procured very soon afterwards.

4. It is also highly desirable that some improved method of drawing water from the wells, and of conveying it to the scene of action should be adopted. The first object may be obtained by the use of small portable pumps with leathern hoses, and by fitting the public wells with cross-bars and wheels. The second, by supplying low trucks for the water casks which could thus be taken to the spot in much less time, and with much less labor than is now required, and the chatties or buckets could be more speedily and easily filled therefrom. On the occasion of the fire now in question, I observed that the wastage which took place in filling the chatties from the bunghole was very great. A small pump, such as is used in distilleries for pumping liquor from one cask to another would fill the engine from casks without either loss of time or wastage.

5. The property destroyed consisted principally of rice and new gunny bags to the value of about 5000 Rupees, all of which were in the godown where the fire commenced, and beyond which it fortunately did not extend; for had it done so, the contiguity of the buildings and the narrowness of the lanes by which the block is intersected would in all probability have rendered futile all endeavours to stop its further progress.

6. Although the owners of several godowns and their servants were on the spot, including the proprietor of the goods destroyed, yet not one of them gave the slightest assistance in any way, or made any attempt to do so.

7. I have now the honor to recommend that a gratuity may be sanctioned for distribution amongst the Police and boatmen engaged on this occasion, as in addition to working the engine they were actively employed in conveying water from a considerable distance, and in working inside the godown itself, removing the burning goods and materials, a service which cannot be performed without more or less damage to clothing which the men cannot well afford. The reward, if sanctioned, may be paid from the sum provided for "Rewards for information and for services rendered," and as the number* of men engaged was considerable, I beg to name the sum of 250 Rupees.

* 3 Inspectors.
3 Constables.
4 Jemadars.
2 Darogahs.
9 Duffadars.
14 Naigues.
66 Peons.
16 Marine Police.
52 Boatmen of Master Attendant's Department.

8. The Supervisor Veerasawmy Naick, whose name has on more than one occasion been brought to the favorable notice of Government, was of great assistance during the whole affair.

9. I have omitted to mention that the cause of the fire has not been ascertained, but there is no reason to suppose that it was other than accidental.

---

From J. ANSELL, Esq., Deputy Commissioner of Police; to Lieutenant Colonel W. J. WILSON, Commissioner of Police, dated Madras, 23rd January 1864.

With much pleasure I beg to bring to your favorable notice the praise-worthy conduct of the Police, who were on duty with me at the fire in the third line Bankshalls on the night of the 18th instant; the greatest praise is due to all who were present for their strenuous exertions and endeavours to extinguish the fire. I would, however, more especially mention Constables Banyard of the 1st Division, and Middleton of the Marine Police. The Police were ably assisted by a strong party of the 4th Native Infantry and several boatmen: these were engaged in rolling casks of water from the cistern north of Clive's Battery to the site of the fire, a distance of five or six hundred yards. I also consider this a favorable opportunity to bring to notice the inadequate supply of water and necessary implements at present available, in the event of a fire breaking out in town. Filled as every godown is with cotton and other combustible materials, I would urge the necessity of adopting some measures, not only to facilitate the supply of water, but also to provide necessary and proper implements, such as scaling ladders, long fire-hooks, axes, grapnels with ten or twelve feet of light chain attached, and a plentiful supply of leather buckets.

2. On the recent occasion it was indeed providential that it was a clear and fine night, and that there was no wind: had there been a strong north-easterly wind blowing, all the exertions made would, in my opinion, have proved futile, the fire could not have been (as it was) confined to the godown in which it originated: and had it reached the Cotton Screw and the Commissariat Arrack Godowns, which are in close proximity, how far it might have spread, or what amount of life and property might have been destroyed it is impossible to conceive.

(True Copy.)

(Signed) W. J. WILSON, Lieut. Colonel,
*Commissioner of Police.*

---

No. 179. From Lieutenant Colonel W. J. WILSON, Commissioner of Police; to the Honorable A. J. ARBUTHNOT, Chief Secretary to Government, Fort Saint George, dated Madras, 6th February 1864, No. 23.

With reference to my letter of the 7th September last, No. 117, I have the honor to report that two Fire Engines have recently been constructed at the Gun Carriage Manufactory, so that the number at that establishment now consists of three which may be depended upon as being maintained in a serviceable condition.

---

No. 180. ORDER THEREON, 15th March 1864, No. 370.

The papers above recorded have reference to an application made by the Chamber of Commerce for the establishment of an efficient Fire Brigade, and for a prohibition against torch-light processions through Black Town. On the latter point, the Commissioner of Police deprecates the issue of any such prohibition as that for which the Chamber apply. He observes that "no "procession of any kind takes place at night, whether Hindu or Mahomedan, without being "accompanied by torches and blue lights. Processions from Pagodas of a religious nature, and "those from private houses on occasions of domestic ceremonies, are alike in this respect; and "there is probably not a night in the year during which such processions do not take place in "some part of the town." He states at the same time that the torch-light processions during the Mohurrum, which is an essentially Mahomedan festival, are engaged in not only by Musselmans, but also by Pariahs and Hindus of the lowest caste; and he proposes that endeavours should be made to prevent all but Musselmans from taking part in them, and also to concentrate them as much as possible, so as to bring them under due supervision. The Governor in Council concurs in the Commissioner's views.

2. As regards the means available for extinguishing fires, it appears that there are 14 engines at present stationed at the following places:—

| | |
|---|---|
| Arsenal... ... ... ... ... ... ... ... | 3 |
| Custom House ... ... ... ... ... ... ... | 1 |
| Commissariat Office... ... ... ... ... ... | 1 |
| Bullet Manufactory... ... ... ... ... ... | 1 |
| Mint ... ... ... ... ... ... ... ... | 1 |
| Gun Carriage Manufactory... ... ... ... | 3 |
| Gunpowder do. .. ... ... ... ... | 2 |
| Railway... ... ... ... ... ... ... ... | 2 |
| Total... | 14 |

in addition to which there are five engines in store at the Arsenal, and two belonging to the Municipal Commission.

3. Lieutenant Colonel Wilson recommends that the additional engines available should be posted as follows :—

1 at Abercrombie's Battery.
1 in Royapoorum or in Washermanpettah.
1 in Triplicane.
1 in St. Thomé.
1 in Pursewakum or Vepery.
1 in Semboo Doss Street, and
1 at the Trevelyan Water-works.

This arrangement is sanctioned. Colonel Wilson does not propose the formation of a separate establishment for working the engines, and, in the opinion of the Governor in Council, it is not necessary. It is a duty which may very well be done, as it has been hitherto, by the Police, aided, in Black Town, by the boatmen and, in the case of a serious fire, by a fatigue party from the European Regiment in the Fort. The formation of a separate Fire Brigade in a straggling town like Madras, would be a very expensive measure, and one not warranted by the necessities of the case.

4. The Government approve of the Commissioner's recommendation that the Government engines should be periodically inspected by a competent person from the Arsenal. The necessary arrangement will be made by the Inspector General of Ordnance and Magazines, who will also arrange, in communication with Lieutenant Colonel Wilson, for a sufficient supply of leather buckets, ladders, fire-hooks, crowbars, axes and grapnels being attached to each engine.

5. Referring to the important matter of supplying water to the engines, it appears that a large supply can be obtained from the Trevelyan Cistern in the western and centre sections of the town, pipes having been laid down in Andeapah Naick's street as far as the market; but in most localities it must come from the neighbouring wells, and to facilitate the drawing of water from such wells and its conveyance to the scene of action, the Commissioner of Police recommends the use of small portable pumps with leather hoses, the public wells being fitted with cross-bars and wheels. He also recommends the provision of low trucks for the water casks, and the use of small pumps, such as are used in distilleries for pumping liquor from one cask to another, for the purpose of filling the engines from the water casks. The Governor in Council will be prepared to consider the expediency of procuring apparatus of the description recommended on being furnished with designs of the pumps and estimates of their cost. It is understood that the Commissioner is now engaged in making further inquiries on the subject.

6. The Government sanction the disbursement of the sum of Rupees 250 in rewarding the Police and boatmen engaged in extinguishing the late fire at the Bankshalls.

(True Extract.)

*Chief Secretary.*

To the Chamber of Commerce.
" Commissioner of Police.
" Inspector General of Ordnance and Magazines.
" Municipal Commissioners.
" Civil Paymaster.
" Accountant General.
" Military Department.

Exd. J. Tulloch.



Read the following papers :—

No. 57. From Major G. B. BOWEN, Acting Commissioner of Police, to the Chief Secretary to Government, Fort St. George, dated Madras, 5th December 1872, No. 81.

I have the honour to bring to the notice of Government the imperfect arrangements existing in this town for extinguishing fire in case it breaks out on a large scale. It is true that large fires are of rare occurrence in Madras, and that serious disasters have seldom occurred, but it is equally true that, on the whole, good fortune has had something to do with this exemption from signal catastrophes.

2. In the year 1864, it was only in consequence of the absence of wind that the Police, assisted by the Master Attendant's Department, were able to arrest a fire that seriously threatened the whole of the Bankshalls. On a recent occasion nothing but the prompt action of the Police and Mr. Stolberg, who were fortunately close to the spot at the time, prevented a fire in Messrs. Arbuthnot's godowns which would have seriously taxed and probably got beyond the present means of extinguishing fire. The Police, who were rewarded by the Insurance Company, were able to adopt immediate steps and get the fire under; but any hesitation or delay in consequence of their being at the other end of their beats might have entailed far more serious results.

On another occasion, in 1864, a fire broke out in the woodyards near the Gun Carriage Manufactory. The engines of that establishment were immediately available, and the fire was with difficulty subdued. If a fire were now to break out in the woodyards near the Trevelyan Water Works, or even in Popham's Broadway, the difficulties would be far greater.

3. In the same year Government sanctioned a distribution of twenty engines throughout Madras, as given in the margin. This arrangement was never carried out. Why I am not able to say, but probably for want of shelter for the engines, and the means of having them properly looked after. At the same time an Ordnance Warrant Officer was appointed to go round and see that the engines, &c., were kept up in working order. Water-carts were also sanctioned, and appear to have been made up but not distributed.

| | |
|---|---|
| Grand Arsenal | 3 |
| Custom House | 1 |
| Commissariat Office | 1 |
| Bullet Manufactory | 1 |
| Camp Equipage Depôt | 1 |
| Mint | 1 |
| Gun Carriage Manufactory | 3 |
| Gun Powder ,, | 2 |
| Abercrombie's Battery | 1 |
| Royapooram or Washermanpettah | 1 |
| Triplicane | 1 |
| St. Thomé | 1 |
| Pursewalkum or Vepery | 1 |
| Semboodoss Street | 1 |
| Trevelyan Works | 1 |
| Total | 20 |

4. Fires in the outlying parts of Madras are of very rare occurrence, and the few that do occur break out in small Parcherry huts, and are easily stopped by pulling off the thatch whenever the fire shows itself. There are very few large godowns or stores where fire can take a serious hold before assistance is obtained. It may not, therefore, be considered necessary to adopt the arrangement formerly sanctioned.

5. The engines throughout Madras are now distributed as follows:—

| | |
|---|---|
| Arsenal | 3 (one steam). |
| Powder Mills | 2 |
| Gun Carriage Manufactory | 3 |
| Municipal Office | 3 |
| Commissariat Office | 1 |
| Custom House | 1 |
| Royapooram Railway Station | 1 (steam). |
| Salt Cotaur | 1 (steam). |

A glance at the map will show that the northern part of Black Town and the principal suburbs are thus left almost entirely unprotected. If it were not for the Gun Carriage Factory and Salt Cotaur they would have to send one and a half or two miles for an engine. As it is, many of the most populous parts of Madras would have to send one mile.

6. It has been customary, where the Government engines were undermanned, for the Police to work the engines and bring water, assisted by such bystanders as could be induced to work, until the troops arrived. Where the area of the fire is limited they can do this and protect property, keep the ground clear, &c., at the same time. If the conflagrations were extensive this arrangement would certainly break down, and confusion would ensue.

To work the engines at all these stations, except at the Railway and Municipal Office, men would be immediately available. The establishment for this purpose at the Railway and Municipal Office are, I understand, very small, and cooly labour would have to be obtained.

7. As regards the supply of water certain rough and ready expedients that have been resorted to hitherto would not suffice either. A large fire would demand something more than these; and, as the municipal water supply will soon be in working order, some arrangement should be made to utilize the fire plugs in all the thickly-populated parts of the town, and for the adaptation of the various sizes of hose now in use to these hydrants. I enclose a sketch map showing the number of hydrants, of which only a few will be useful in fire plugs; the round red dots are the hydrants, the square ones fountains. The large red figures show the number of engines at each station as in paragraph 5.

8. It also seems highly desirable that there should be an understanding as to the officer who is to give directions regarding the disposal of the engines, so as to ensure effectual working with reference to the water supply and the fire to be quenched.

9. To ensure the co-operation of the various departments concerned, and something like systematic working when a fire breaks out, I recommend that a Committee should be appointed to consider and report on the questions I have now raised.

10. It may not be advisable to institute an expensive fire brigade, but the Municipality might adopt some system of obtaining labour to drag their engines on an emergency arising. At present they have one Superintendent and four lascars for three engines. The three engines are all in the courtyard of the Municipal Office, and two lascars sleep there at night. How they could be taken a mile in any reasonable time is a matter for speculation, especially as they have sundry



difficulties to contend with before they get them out of the gate. The Superintendent is under the impression that it is the duty of the Police to drag his engines.

11. Implements for extinguishing fire, water-carts, ladders, fire-hooks, &c., should be kept at all principal Police Stations. At present they have only buckets supplied by the Municipality, some of which require repair.

---

No. 58. From the Acting Inspector-General of Police, to the Chief Secretary to Government, Fort St. George, dated Madras, 7th June 1872, No. 2034.

The unprepared state of our resources, during the recent cyclone, has reminded me of another weak point in the internal economy of our city, which it seems very desirable to look into. I allude to the existing means and appliances for extinguishing fires. Not having had any serious conflagrations in Madras for some years, we may the more certainly calculate on one eventually, when, speaking from my own experience as Commissioner of Police in the town, I fear not only will there be the same want of requisite material, but of systematic pre-arrangements and division of labour.

2. I believe there are fire engines in the Fort, and that the Municipal Commissioners use some also; but I was never able to ascertain who really was responsible for their being kept in effective order, or to whom application should be made for them when wanted. I have the honour accordingly to sound a timely warning.

---

No. 59. ORDER THEREON, 12th February 1873, No. 227.

The distribution of the fire engines in the Madras Town sanctioned and in force is shown below:—

| — | Sanctioned. | Present. | Remarks. |
|---|---|---|---|
| Arsenal | 3 | 3 | (One steam). |
| Custom House | 1 | 1 | |
| Commissariat Office | 1 | 1 | |
| Bullet Factory | 1 | ... | |
| Camp Equipage Depôt | 1 | ... | |
| Mint | 1 | ... | |
| Gun Carriage Manufactory | 3 | 3 | |
| Powder Mills | 2 | 2 | |
| Abercrombie's Battery | 1 | ... | |
| Royapooram | 1 | 1 | Railway station (steam). |
| Triplicane | 1 | ... | |
| St. Thomé | 1 | ... | |
| Pursewalkum | 1 | ... | |
| Semboodoss Street | 1 | ... | |
| Trevelyan Works | ... | 3 | Do. do. (steam). |
| Municipal Office | ... | 1 | |
| Salt Cotaur (Goods Station) | ... | ... | |
| Total | 20 | 15 | |

2. The existing distribution seems to be precisely the same as it was before the proposals of Colonel Wilson, as Commissioner of Police, were made and sanc-

tioned in 1864, except that the engines have been withdrawn which were stationed at the Mint and Bullet Factory now abolished. The former building, however, now contains a large amount of valuable Government property, and it would seem advisable that the engine should be replaced there.

3. When Colonel Wilson recommended the wider distribution of engines there were sufficient in store to meet the requirements, and there they seem to have remained.

4. The Government also sanctioned the necessary supply of fire-buckets, ladders, fire-hooks, crowbars, axes, and grapnels for each engine, and desired that estimates might be submitted for the portable pumps with hose and water-carts, which it was recommended should be supplied, but no action seems to have been taken in the matter.

5. The Government are not now informed how far the available stock of engines in the Presidency Town is sufficient, if distributed, to meet its requirements, nor what obstacle is in the way of distribution, though Major Bowen suggests want of shelter as the cause.

6. The improved water supply to the town has greatly facilitated satisfactory arrangements for checking conflagrations, should such occur, and the Governor in Council resolves to request the Inspector-General of Ordnance and Magazines, the Inspector-General of Police, the Commissioner of Police, and the President of the Municipal Commission, with the District Engineer, to form themselves into a Committee to consider and report how far the proposals sanctioned in G. O., 15th March 1864, No. 370, Judicial, are now sufficient and suitable for the purpose and capable of being carried out, and what is necessary to allow of their adoption, and to complete the protection of the town.

7. If engine-sheds are required in any particular localities, the District Engineer will prepare a plan and sketch estimate, remembering that there is no necessity for these sheds being of a costly description. All that is required is that the engines should be protected from sun and rain.

(True Extract.)

W. HUDLESTON,
*Chief Secretary.*

To the Inspector-General of Ordnance and Magazines.
„ Inspector-General of Police.
„ Commissioner of Police, with map.
„ President of the Municipal Commission, Madras.
„ Public Works Department.

Exd. J. Wright.



Read the following papers :—

No. 173. From Lieutenant A. AWDRY, Private Secretary to His Excellency the Governor, to Colonel A. C. SILVER, Secretary to Government Military Department, Fort Saint George; dated Guindy Park, 21st March 1873.

I have the honor to request that you will be so good as to solicit the sanction of Government to the issue of a Fire Engine complete with hose, &c., from the Arsenal.

2. The Engine is required for the purpose of watering the garden at Guindy Park during the hot weather.

3. It is also desirable that two Store Lascars should be detailed for charge of the Engine.

---

Nos. 174 & 175. *With reports from the Inspector General of Ordnance and Magazines, dated 27th March and 22nd April* 1873, *Nos.* 392-*G* & 17-*G.*

---

No. 176. ORDER THEREON, 14th May 1873, No. 1643.

The Government regret that they are unable to comply with the request of the Private Secretary to the Right Honorable the Governor.

(True Extract.)

(Signed) A. C. SILVER, Colonel,
*Secretary to Government.*

To the Private Secretary to the Right Honorable the Governor.
„ Inspector General of Ordnance and Magazines.

Exd. J. E. Cashart.

No. 29. Read the following letter from Colonel A. STEWART, R.A., Inspector-General of Ordnance and Magazines, and President of the Committee connected with the subject of fires in Madras, &c., to the Honourable W. HUDLESTON, Chief Secretary to Government, Fort St. George, dated Fort St. George, 2nd February 1874, No. G—296 :—

I have the honour to forward Proceedings* of the Committee directed in Order† of Government to consider and report how far the proposals sanctioned in G.O., dated the 15th March 1864, No. 370, regarding the distribution of fire-engines in the town of Madras, are now sufficient and suitable for the purpose and capable of being carried out, &c.

* With Appendices A to H inclusive and three plans.

† No. 227, dated 12th Feb. 1873, Judicial.

2. Paragraph 45 of the accompanying Proceedings explains one cause of delay in submitting them, as the Committee were anxious to see the practical working of their suggestions before forwarding them to Government; and I have also to observe that, owing to the many and various duties of the members, it has been found extremely difficut to assemble the Committee at times convenient to all.

3. The Committee await the further orders of Government on the proposals now submitted by them.

---

No. 30. ORDER THEREON, 5th March 1874, No. 375.

The Committee are requested to submit, in a connected form, the several recommendations which are scattered through their proceedings, and for which they desire the sanction of Government.

(True Extract.)

*Acting Chief Secretary.*

To the Inspector-General of Ordnance and Magazines.

Exd. J. Wright.

*Proceedings of the Madras Government, Judicial Department, 2nd June* 1874.

No. 13. Read the following letter from Colonel A. STEWART, R.A., Inspector-General of Ordnance, &c., and President of Committee on Fire Engines, &c., to the Hon. D. F. CARMICHAEL, Acting Chief Secretary to Government, Fort St. George, dated Fort St. George, 7th May 1874 :—

I have the honour to forward, with four enclosures, revised Proceedings of Committee on Fire Engines, as called for in Order* of Government.

* No. 375, dated 5th March 1874.

---

PROCEEDINGS of the Committee on Fire Engines, &c., assembled at the Ordnance Office, Fort St. George, on Tuesday, the 21st April 1874, to take into consideration the best mode of carrying out the instructions contained in Order of Government, Judicial Department, No. 375, dated 5th March 1874.

PRESENT.

*President.*

Colonel A. Stewart, R.A., Inspector-General of Ordnance, &c.

*Members.*

Lieutenant-Colonel J. Goddard, R.E., District Engineer, Presidency.

Do. C. S. Hearn, M.S.C., Inspector-General of Police.

T. H. Going, Esq., Deputy Chief Engineer, and Acting Chief Engineer, Madras Railway Company.

J. G. Coleman, Esq., Acting President, Municipal Commission.

ABSENT.

Lieutenant-Colonel W. S. Drever, M.S.C., Commissioner of Police.

Major T. Dyer, M.S.C., Brigade Major, Fort St. George.

Read Order of Government, No. 375, dated 5th March 1874, as also the Proceedings of the Committee therein referred to.

2. Resolved to prepare an Abstract, in a connected form, of the several recommendations already submitted by the Committee to Government and to forward the same to the Acting Chief Secretary to Government.

3. Resolved to request that ten spare copies of the Proceedings may be supplied to the President for circulation to enable the Committee to carry out Resolution No. 2.

(Signed) A. STEWART, Colonel, R.A., *Inspr.-Genl. of Ord. and Mag.* } *President.*

( ,, ) J. GODDARD, Lieut.-Col., R.E., *District Engr., Presidency,*

( ,, ) C. S. HEARN, Lieut.-Col., M.S.C., *Inspr.-Genl. of Police,*

( ,, ) T. H. GOING, *Acting Chief Engr., M. R. C.,*

( ,, ) J. G. COLEMAN, *Acting Presdt., Munl. Comn.,* } *Members.*

ABSTRACT of the Proposals of the Committee assembled in obedience to Order of Government, No. 227, of the 12th February 1873, to consider and report how far the proposals sanctioned in G. O., dated 15th March 1861, No. 370, regarding the distribution of fire engines in the town of Madras, are now sufficient and suitable for the purpose, and capable of being carried out, &c.

| No. | Proposals submitted for the consideration and orders of Government. | Paragraph of Committee's Proceedings. |
|---|---|---|
| 1. | That the present distribution and arrangements of the fire-engines in charge of the Ordnance Department should be continued in force, with the exception that the engine formerly at the Mint should be again stationed on those premises ... ... ... ... ... ... ... ... ... ... ... ... | 25 |
| 2. | That the following shall be the number and distribution of Municipal fire engines,<br>1 large fire engine at Municipal Office, Black Town,<br>1 Do. at Central Station, D Division, Triplicane High Road,<br>1 Do. at Elephant Gate Tannah,<br>1 Do. at Choolay Bazaar do.<br>1 Do. at Central Station, Mylapore,<br>Total ... 5<br>and that the fire engines wanting to complete the above establishment should be purchased with as little delay as practicable ... ... ... ... ... ... ... ... ... ... | *ib.* |
| 3. | That the aid of the various Insurance Office Agencies at the Presidency be invited by Government towards carrying out, in the manner and to the extent that may be considered most expedient, these very necessary arrangements for the protection of the town from fire ... ... ... ... ... ... | *ib.* |
| 4. | That Appendix A of Proceedings be printed as an Appendix to the "Fire Code" recommended in Proposal No. 8 ... ... | *ib.* |
| 5. | That Rules for working Fire Engines, as detailed in Appendix B of the Committee's Proceedings, be printed in English and the vernaculars, and that a copy in each language be pasted on a board and hung up at each station where there is a fire engine ... ... ... ... ... ... ... ... ... ... | *ib.* |
| 6. | That the articles mentioned in paragraph 8 of Appendix B be always kept ready for immediate use with each fire engine... | *ib.* |
| 7. | That the improved supply of water be utilized as much as possible, and that, as a tentative measure, a sample small portable canvas cistern, with the necessary appliances, be procured from England to store water for the use of the steam fire engines as it is discharged from the hydrants. One of these cisterns to be kept with each steam fire engine. | *ib.* |
| 8. | That the following Rules be published as sections of a "Code" for the better prevention and extinction of fires in the town and suburbs of Madras ... ... ... ... ... ... ... ... | 28 |



| No. | Proposals submitted for the consideration and orders of Government. | Paragraph of Committee's Proceedings. |
|---|---|---|
| | *First.*—That standing orders, as detailed in Appendix C, be published as Section I. of the Code for the guidance of the troops in garrison, in cases of fire in the town or suburbs ... ... ... ... ... ... ... ... | 28 |
| | *Second.*—That Rules as detailed in Appendices D, E, and F be adopted by the "Ordnance," "Police," and "Municipal" Departments, respectively, and that they form Sections II., III., and IV. of the proposed Code ... ... ... ... ... ... ... ... ... ... | *ib.* |
| | *Third.*—That the General Rules detailed in Appendix G be adopted in addition to the separate departmental Rules as detailed in Appendices C to F, and that these General Rules form Section V. of the proposed Fire Code ... ... ... ... ... ... ... ... ... | *ib.* |
| | *Fourth.*—That the number and distribution of the fire engines, as eventually sanctioned by Government, be printed, and that a copy in English and the vernaculars be pasted on a board and hung up at each Police Station and at each station where there is a fire engine ... ... ... ... ... ... ... ... | *ib.* |
| 9. | That plan and estimate, marked No. 2, for fire engine sheds be adopted, and that such sheds be erected where necessary... | 30 |
| 10. | That, in reference to the two different forms of hydrants prevailing, viz., No. 1 at Triplicane and No. 2 elsewhere, fire plugs of an orifice *not less in diameter* than that of the suction pipes of the largest of the steam fire engines be procured ... ... ... ... ... ... ... ... ... ... | 32 & 40 |
| 11. | That twelve-inch pipes be laid down along the frontage of the most important public buildings in Madras, where required, so as to connect with the Municipal main pipes ... ... ... | 41 to 44 inclusive. |

FORT ST. GEORGE,
21*st April* 1874.

(Signed) A. STEWART, Colonel, R.A., *Inspr.-Genl. of Ord. and Mag.* } *President.*
( ,, ) J. GODDARD, Lieut.-Col., R.E., *District Engineer, Presidency,*
( ,, ) C. S. HEARN, Lieut.-Col., M.S.C., *Inspr.-Genl. of Police,*
( ,, ) T. H. GOING, *Acting Chief Engr., M. R. C.,*
( ,, ) J. G. COLEMAN, *Acting Presdt., Munl. Comn.,* } *Members.*

No. 14. ORDER THEREON, 2nd June 1874, No. 998.

As requested in Order, dated the 5th March 1874, No. 375, the Committee on Fire Engines submit an abstract of the proposals contained in their report, dated the 2nd February 1874, regarding the distribution of fire engines in the town of Madras.

2. The proposals are eleven in number, and they will be noticed in the order in which they are placed in the abstract:—

**Ordnance.*

Grand Arsenal, 4—3 of sixth size.
Gun Carriage Factory, 3 hand and 1 steam.
Powder Factory, 2.
Bullet do. 1.
Camp Equipage Depôt, 1.
Commissariat Office, 1.
Custom-house, 1.

*First Proposal.*—The existing distribution* and arrangements of fire engines in the Ordnance Department will be continued; but an engine will be placed, as formerly, at the late Mint premises, which are now occupied by the Clothing Board and Medical Stores.

*Second Proposal.*—The Municipal Commissioners for the town of Madras will be requested to increase the number of large fire-engines at their disposal from three to five, and to arrange for having them placed at the following places, viz.:—

One at the Municipal Commissioners' Office, Black Town.
" " Central Station, D Division, Triplicane High Road.
" " Elephant Gate Tannah.
" " Choolay Bazaar Tannah.
" " Central Station, Mylapore.

*Third Proposal.*—The Government do not consider it desirable to seek the aid of the various Insurance Offices in the adoption of arrangements for the protection of the town from fire.

*Fourth Proposal.*—The nomenclature of components of fire engines, which forms Appendix A of the Committee's Proceedings dated 2nd February 1874, will be printed as an Appendix to the proposed Fire Code.

*Fifth Proposal.*— The "Rules for working Fire Engines," which forms Appendix B to the Proceedings above cited, are approved, and will be printed in English and in the vernaculars and pasted on boards at the several engine stations.

*Sixth Proposal.*—The articles described in Clause 8 of Appendix B will be provided for each engine for immediate use.

*Seventh Proposal.*—The Municipal water supply will be utilized as far as practicable, but, as a tentative measure, small portable canvas cisterns, with the necessary appliances for the storage of water, will be obtained from England, one cistern being retained with each steam fire engine. The Inspector-General of Ordnance and Magazines will submit the necessary indent for the number of cisterns required for transmission to the Secretary of State for India.

*Eighth Proposal.*—The rules embodied in Appendix C for troops in garrison on occasions of fire in the town or suburbs of Madras having received the approval of His Excellency the Commander-in-Chief will be adopted as Section I. of the proposed Fire Code. The rules in Appendices D, E, and F will be referred to the Inspector-General of Ordnance and Magazines, to the Inspector-General of Police, and to the President of the Madras Municipal Commission, respectively, for their opinion. The General Rules (Appendix G) are approved, and will form Section V. of the proposed Fire Code. The number of engines and their distribution will be notified, and printed Notifications in English and in the vernaculars will be pasted on boards at each Police and Engine Station.

*Ninth Proposal.*—The plan for a fire engine shed is approved. Sheds according to this plan will be built wherever necessary.



*Tenth Proposal.*—The fire-plugs of the diameter stated will be obtained from England. They will be included in the indent to be submitted to the Secretary of State for canvas cisterns.

*Eleventh Proposal.*—The laying down of twelve-inch pipes where required along the frontage of important public buildings in connexion with the Municipal main pipes is approved.

3. The thanks of Government will be conveyed to the Committee for their report.

(True Extract.)

D. F. CARMICHAEL,
*Acting Chief Secretary.*

To the President of the Committee on Fire Engines.
" Military Department.
" Public Works Department, with plan of the shed.
" Inspector-General of Ordnance and Magazines.
" do. of Police.
" President of the Municipal Commission, Madras.

Exd. A. S. Rodgers.

*Proceedings of the Madras Government, Revenue Department,*
*10th June* 1874.

No. 94. Read the following Proceedings of the Board of Revenue, dated 1st June 1874, Miscellaneous No. 3,620 :—

Read the following letter from Lieutenant-Colonel W. H. HESSEY, Acting Superintendent of Revenue Survey, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Chepauk, 29th May 1874, No. 1,372-64.

I REGRET to have to report that owing to the carelessness of one of the subordinates of the Survey a fire broke out in the photographic room attached to this Office at 3-30 P.M. The fire was speedily extinguished.

2. I have reason to believe that little damage is done to the photographic room. The ordinary work of the Survey Office will not be interfered with in any way.

3. From inquiries made by Captain Freeth, the officer in charge of the Photographic Establishment, I understand that the fire originated in a pan of charcoal which had been used to heat water for photographic purposes. The water required is generally heated by a spirit lamp; the supply of spirit had unfortunately run out, some delay having occurred in procuring a fresh supply, the photographer, without orders, and I may say contrary to orders, used a pan of charcoal on the central roof of the building. The man, when the fire was no longer needed, extinguished it, as he thought, and placed the fire chatty in a corner under a small thatched shed which covers the tank supplying water to the photographic room. The fire was first discovered by the photographer who was engaged inside the photographic room. There can be no doubt that the fire some how or other was communicated from the fire chatty to the thatch.

4. I have reported the accident to the District Engineer, and have requested him to be so good as to inspect the place and decide what repairs are necessary.

---

SUBMITTED for the information of Government.

2. The fire reported by the Superintendent of Revenue Survey was of trifling extent, and was soon put out, water being available in the neighbourhood; but it was sufficient to show that the building may be in danger from fire at any moment, and that fire-buckets and other appliances should be kept in readiness. Only a few sparks were blown down into the record-room before the fire was discovered and the shutters closed. Otherwise the interior might have suffered great damage, and it is so extensive and cut up into so many divisions that one or two fire engines might not have been able to stop the fire.

3. The Board are informed that the subject of protecting public buildings from fire is now before Government, and will be glad to know what is decided. The Chepauk Office will probably need special appliances.

---

No. 95. ORDER THEREON, 10th June 1874, No. 714.

Miscellaneous.

THE Government are glad to hear that the damage done was insignificant.

2. The person to blame should be punished for his carelessness and disobedience of orders, which might have resulted in the destruction of the building.

3. All thatch should be removed forthwith and absolutely prohibited.

4. The last paragraph of the Board's Proceedings will be dealt with in the Public Department.

(True Extract.)

(Signed) C. G. MASTER,
*Acting Secretary to Government.*

To the Board of Revenue.
,, the Public Department.

Govt. of 1874 Madras.

REVENUE.

To

THE BOARD OF REVENUE,

&c., &c., &c.

Dated June 10th.

Recd. Encl.

G. O., 10th June 1874, No. 714.

JUNE.

Nos. 94-95.

*Fire in Photographic Room of Revenue Survey Office, Chepauk.*—Expresses pleasure in respect to the insignificant damage done by —; orders punishment of the person to blame, and the immediate removal and absolute prohibition of all thatch; and refers the question of protecting public buildings from fire to the Public Department.

---

*Proceedings of the Madras Government, Public Works Department, 23rd June 1874.*

Read the following Proceedings of the Madras Government in the Judicial Department, dated 2nd June 1874, No. 998:—

ABSTRACT.—*Fire Engines.*—Orders passed on the several proposals of the Committee regarding the distribution of fire engines in the Town of Madras, and the thanks of Government conveyed to the Committee for their report.

---

ORDER THEREON, 23rd June 1874, No. 224.

COMMUNICATED to the District Engineer, Presidency, who will submit estimates for the erection of the proposed fire engine sheds wherever necessary.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
*Secretary to Government.*

To the District Engineer, Presidency, with one Enclosure.

Exd. E. C. Shunker,
Spare Copies

## *Proceedings of the Madras Government, Public Department, 26th June* 1874.

No. 90. Read the following letter from Colonel A. STEWART, R.A., Inspector-General of Ordnance and Magazines, to the Hon. D. F. CARMICHAEL, Acting Chief Secretary to Government, Fort St. George, dated Fort St. George, 20th June 1874, No. G-89 :—

Ordnance Department.

Referring to the "eighth proposal" communicated in Order* of Government, I have the honour to state that I consider the Rules contained in Appendix D suitable for the guidance of the Local Ordnance Department.

* No. 998, dated 2nd June 1874.

2. With reference to the orders on proposals "sixth" and "seventh," which direct this Department to obtain and provide cisterns and other articles for general use, I presume the Municipality and Railway authorities will have to pay for such articles as may be supplied to them from Ordnance Stores.

3. I have directed the necessary inquiries to be made as to the quantities necessary to be maintained, and will shortly submit a special indent on the Home Authorities for the articles in question.

4. I request orders as to whether the above special indent will, as usual, have to be forwarded through the Military Department of Government.

---

No. 91. ORDER THEREON, 26th June 1874, No. 715.

The Rules for the guidance of the Ordnance Department on occasions of fire are approved and sanctioned, and will form Section II. of the proposed "Fire Code."

2. The Inspector-General is correct in assuming that stores supplied to the Municipal and Railway authorities shall be on payment.

3. The indent for articles required from England may, as in the case of other indents for Ordnance Stores, be submitted through the Military Department.

(True Extract.)

D. F. CARMICHAEL,
*Acting Chief Secretary.*

To the Military Department.
" President of the Committee on Fire Engines.
" Inspector-General of Ordnance and Magazines.

Exd. J. Wright.

17

*Proceedings of the Madras Government, Public Works Department,*
*29th June* 1874.

Read the following Proceedings of the Madras Government in the Revenue Department, dated 10th June 1874, No. 714 :—

ABSTRACT.—*Fires in Photographic Room of Revenue Survey Office, Chepauk.*—Expresses pleasure in respect to the insignificant damage done by— ; orders punishment of the person to blame, and the immediate removal and absolute prohibition of all thatch ; and refers the question of protecting public buildings from fire to the Public Department.

---

ORDER THEREON, 29th June 1874, No. 263.

COMMUNICATED to the District Engineer, Presidency, for report as to the special appliances required for the future protection of the buildings.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
*Secretary to Government.*

To the District Engineer, Presidency.

Exd. E. C Shunker.
Spare Copies

17 18

*Proceedings of the Madras Government, Judicial Department,*
*3rd July* 1874.

No. 18. Read the following letter from Lieutenant-Colonel C. S. HEARN, Inspector-General of Police, to the Hon. D. F. CARMICHAEL, Acting Chief Secretary to Government, Fort St. George, dated Madras, 25th June 1874, No. 2452 :—

With reference to G.O., No. 998, dated the 2nd June 1874, I have the honor to state that the Police Rules in Appendix E of the Fire Code were drawn up by Colonel Drever and Major Bowen (the present and late Commissioners of Police), and that they appear to me to be sufficient.

---

No. 19. ORDER THEREON, 3rd July 1874, No. 1198.

The Governor in Council sanctions the "Rules for Police on Occasions of Fire in the Town or Suburbs of Madras," to form Section III. of the proposed "Fire Code."

(True Extract.)

*Acting Chief Secretary.*

To the Inspector-General of Police.
" " " of Ordnance and Magazines.

Exd. J. Wright.

No. 1655.

From

The District Engineer
Presidency.

To,

The Chief Engineer and
Secretary to Government
D. P. W.

Sir,

Encls:
1 Copy of Committees Pro:-

In reference to G. O. No. 263 of 29th June 1874 received by me on the 30th June 1874, I have the honor to report that the subject was disposed of under G. O. No. 697 of 23rd June 1874 P. D. by the Committee of which I am a member.

2. Under the above circumstances I have the honor to enclose a copy of the Committees' Proceedings submitted to Governt.

I have &c.

Fort St. George
11th July 1874

(Signed) J. Goddard Lieut. R.E.
District Engineer
Presidency.

No. 228.

Recorded with reference to G. O. No. 263 dated 29th June 1874.

28th July 1874.

To, The District Engineer Presid

Proceedings of the Committee on Fire Engines re-assembled at the Ordnance Office Fort St. George on the 3rd July 1874 in obedience to Order of Govt. in the Public Department dated 23rd June 1874 No. 697 to consider the question of protecting the Chepauk buildings from fire.

Present.

Colonel A. Stewart R.A. Inspr. Genl. of Ordce. & Magt. } President.

Lieutt. Col. J. Goddard R.E. District Engineer }
Lieutt. Col. C. S. Hearn M.S.C. Inspr. General of Police } Members.
J. C. Loch Esqre. President Munl. Commn. }

Absent.

Lieutt. Col. W. S. Drever M.S.C. Commissioner of Police }
T. H. Going Esqre. Ag. Chief Engineer M.R.C. (Sick) }

The Committee having assembled pursuant to order, and duly considered the question now referred to them, beg most respectfully to observe that the "General Rules" (Appendix G of their former proceedings) which

which were sanctioned in order of Govt. in the Judicial Dept., to form section V of the proposed "Fire Code" provide for the safety of the Chepauk buildings, in common with that of all other public buildings at the Presidency that they presume 12 inch pipes will be laid down along the frontage of the said buildings as explained in the 11th Proposal of their former Pros. and sanctioned in the above order of Govt. and that such minor preventive measures as the provision of ladders fire-hooks, buckets filled with water &c. will, as a matter of course, be attended to by the responsible officers of the Departs. located in the buildings.

2. The Committee are not aware of the necessity for any special appliances in reference to these particular buildings, and they are quite unable to offer any suggestions on this point.

(Signed) A. Stewart Colonel R.A. Inspr. Genl. of Ordnce. & Engs. } President.
(Signed) J. Goddard Lieut. Col. R.E. District Engineer }
(Signed) C. S. Hearn Lieut. Col. Inspr. General of Police }
(Signed) J. C. Loch Presdt. Munl. Commn. } Members.

(True Copy)
(Signed) J. B. Cardozo.
Head Uncovenanted Assistant to the Inspr. Genl. of Ordnce. & Engs.

---

*Proceedings of the Madras Government, Judicial Department, 29th August 1874.*

No. 135. Read the following Proceedings of Government in the Public Works Department, dated 14th August 1874, No. 2250:—

Read the following letter from Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Fort St. George, 17th July 1874, No. 1,792.

1 Shed, Municipal Commissioner's Office, Black Town.
1 Do. Central Station, D. Division, Triplicane High Road.
1 Do. Elephant Gate Tannah.
1 Do. Choolay Bazaar Tannah.
1 Do. Central Station, Mylapore.

With reference to G.O., No. 224, dated 23rd June 1874, I have the honor to submit an estimate on the approved plan, amounting to Rupees 140, for five fire-engine sheds for stations as per margin.

Sanctioned, and funds transferred from the grant for "Repairs, Civil Buildings, Provincial" at the District Engineer's disposal.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
*Secretary to Government.*

No. 136. ORDER THEREON, 20th August 1874, No. 1552.

The charge for the provision of sheds for the engines at the stations named in the margin of the District Engineer's letter is a Municipal charge, and the sanction accorded in the Public Works Department for meeting it from Provincial Funds will be cancelled in that Department.

(True Extract.)

*Acting Chief Secretary.*

To the Public Works Department.
" President of the Municipal Commission, Madras.

Exd. W. H. French.

*Proceedings of the Madras Government, Public Works Department, 3rd September* 1874.

No. 72. Read the following letter from Lieutenant A. AWDRY, Private Secretary to His Excellency the Governor, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Coonoor, 21st August 1874, No. 112:—

I HAVE the honor to inform you that since G. O., No. 1,643, of the 14th May 1873, was passed in the Military Department, the Government House at Guindy Park has been deprived of the fire engine which used to be stationed there, and if a fire were to break out the Government property there would in all probability be much damaged before the engine from Saint Thomas' Mount could arrive.

2. I am therefore directed to bring the subject under your notice, and to request that a fire engine may be supplied from the Public Works Stores or elsewhere, to be stationed at Guindy Park in charge of the Farm Superintendent, who will be ordered to practice the farm laborers and others in the use of it.

3. Accommodation for the engine might be arranged by the District Engineer of Chingleput without difficulty, under the passage connecting the second and third bungalows.

---

No. 73. ORDER THEREON, 3rd September 1874, No. 2,501.

MILITARY WORKS, No. 3.

COMMUNICATED to the Military Department in order that the Inspector General of Ordnance be instructed to issue to the Presidency District Engineer all necessary component parts of a fire engine of moderate size, including hose, with a view to their being put together at the Public Works Workshops for use at Government House, Guindy, where the Superintending Engineer in charge of Chingleput District will make the necessary arrangements for shelter and security when not in use. The necessary estimates will be submitted for sanction in due course.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
*Secretary to Government.*

To the Military Department.
" District Engineer, Presidency.
" Superintending Engineer, Chingleput.
" Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

No 112.

22

From

The Private Secretary to His Excellency
the Governor

To

The Secretary to Government
Public Works Department
Fort Saint George.

Sir,

I have the honor to inform you that since G. O. No 1643 of the 14th May 1873 was passed in the Military Department the Government House at Guindy Park has been deprived of the Fire-Engine which used to be stationed there, and if a fire were to break out the Government property there would in all probability be much damaged before the Engine from Saint Thomas' Mount could arrive.

2. I am therefore directed to bring the subject under your notice and to request that a Fire-Engine may be supplied from the Public Works Stores or elsewhere, to be stationed at Guindy Park in charge of the Farm Superintendent who will be ordered to practice the farm Labourers and others in the use of it.

3. Accomodation for the Engine might be arranged by the

District Engineer of Chingleput without difficulty under the passage connecting the Second and third Bungalows:-

I have the honor to be
Sir
Your obedient Servant
A. Awdry.
Private Secretary.

Coonoor
21: August
1874

231

10:27 00

Public Works Department
Proceedings of the Madras Government
Read the following

From
The Private Secy
to His E. the Governor (H. E. No 112 Dated
21 Augt 1874)
2501

Communicated
to the Military Depart-
-ment in order that
the Inspector General
of Ordnance be
instructed to issue
to the Presidency
District Engineer
all necessary com-
-ponent parts of
a Fire Engine of
moderate size, in-
-cluding hose; with

P. W. 1874 Dept.
Pro: of Govt of Madras
No: 5466
From
The Private Secretary
to H. E. the Governor.

Dated 21 Augt 1874.
Recd 31st —

No: 112.

Requesting the
supply of a Fire Engine
to Govt House Quarters.

E. No: 2501. 3-9-74.

No. 72

a view to their being
put together at the
Public Works Work
-shops for use at
Govt. House Guindy;
where the Supg Engineer
in charge of Chin-
-gleput District
will make the
necessary arrange-
-ments for ~~its~~ shelter
and security when
not in use. The
necessary estimates
will be submitted
for sanction in
due course.

GWW

72-73.

Rec 27/8/74 Rec 27/8/74

Private Secy to His Excellency the Governor
M.G. Deptt
D.E. Pressolency
Supdg Engineer Chingleput
Cuba
S. Capius despd 9/9/74.

Sign copy despd 11/9/74

25

5466

Govt. of 1874 Madras.

PUBLIC WORKS.

To

Dated

Recd. Encl.

G. O. Dept. 1874, No. 2501

Nos. 72-73.

Fire Engine.

Letter from the Private Secretary to His Excellency the Governor, requesting the supply of a Fire Engine to Government House at Guindy Park. Com^d to the Military Department with instructions.