(1) பக்கங்களின் எண்ணிக்கை 34 6/89

(2) புதுக்கித் திருப்பிய நாள் 7/8/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணி துறை

அரசாணை எண்.
~~மு. கோப்புத் தாள் எண்.~~ 241(W) அச்சகம் ~~[illegible]~~

நாள் : 24-1-1890.

17

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,000—15-6-87.

24th January 1890, No. 241 W., Public Works.

2ee1
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

G.O., dated 17th December 1889, No. 1382, Judicial.

From Colonel T. WELDON, Commissioner of Police, to the Chief Secretary to Government, Fort St. George, dated Madras, 23rd October 1889, No. 71.

I have the honor to forward revised plan and estimates * for the construction of the stabling for the Police horses which was sanctioned by Government so far back as December 1886 and registered (Public Works Department) as Provincial No. 149 W. of 1886-87, Civil Buildings, Original Works. There has been delay in submitting this as it was considered desirable to substitute an open shed for close stalls, a temporary shed in use having proved far more healthy than the stalls. There have been several revisions by the Public Works Department, and eventually the Superintending Engineer was of opinion that the original design for a shed required to be strengthened by cross walls to guard against the effect of cyclonic storms. The present shed in use is a somewhat dangerous structure, being supported mainly by casuarina posts which are subject to the ravages of white-ants, the roof too being inflammable is objectionable. I trust therefore that the plan and estimate now submitted may be finally approved. The cost (Rs. 4,228) exceeds the amount originally sanctioned by Rs. 1,141, which the Superintending Engineer reports is unavoidable.

* 1. Revised estimate.
2. Do. detail measurements.
3. Do. abstract.
4. Do. plan.

Approved and transferred to the Public Works Department.

Fort St. George,
5th November 1889.

(Signed) A. G. CARDEW,
Under-Secretary.

Memo. No. 5390 C.

In returning the papers transferred with Judicial Department endorsement, dated 5th November 1889, the undersigned has the honor to forward copy of a standard design drawn up by this department in 1883 for British Cavalry and Artillery stables, and to inquire whether there is any objection to the adoption of this plan for the stables proposed to be built for Police horses at Egmore.

2. The plan submitted through the Commissioner of Police is considered defective in constructive details, and too expensive. It is also considered that one harness room should be sufficient for 12 horses, instead of two as proposed.

3. Stables for Artillery horses at St. Thomas' Mount, constructed nearly in accordance with the standard design, cost on an average Rs. 103 per horse. It will therefore be seen that a large saving will be effected by its adoption for the Police horses.

4. Cross walls are not provided in the standard plan, but the Superintending Engineer will be instructed to provide them for the Police stalls.

5. If these suggestions be approved, a revised plan and estimate will be prepared accordingly.

(By Order.)

CHEPÂK,
18th November 1889.

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Under-Secy. to Govt., P.W.D.

From Colonel T. WELDON, Commissioner of Police, to the Chief Secretary to Government, Fort St. George, dated Madras, 3rd December 1889, No. 80.

I have the honor to return the plan and estimates for the Police horse shed referred to me for remarks by endorsement, dated 23rd November 1889, on a memorandum by the Under-Secretary to Government, Public Works Department, No. 5390 C., dated 18th November 1889.

2. The plan submitted by the Judicial Department is objected to as being defective in constructive details and too expensive. Two harness rooms are also objected to on the (erroneous) assumption that they are required for the saddlery of 12 horses only.

3. The construction of this or similar much needed shelter was sanctioned by Government so far back as 1886, meantime the horses have been kept in a temporary shed, constructed departmentally, which, owing to its inflammability and temporary nature, is a source of anxiety whenever there is either long continued dry weather or indications of approaching storms. An open shed has been tried in preference to closed stalls with the most satisfactory results. The veterinary records will show that the horses have never been in such good health and condition as since they have been stabled in this way; except as the result of an accident, we rarely now have a horse out of work. The difference between the comfort of an open well ventilated shed and the close stalls is most marked, especially in the hot season when the horses in the latter may be seen evidently distressed and sweating, while those in the open shed are cool and comfortable. With a shed also the whole line of horses is well under the observation of the officer or lineman on duty both day and night.

4. Having well tested this mode of stabling, all we asked was that the present temporary and somewhat dangerous structure should be made permanent. The constructive details and cost form of course a professional question. The cost certainly seems high, but so is the cost of all buildings erected by the Public Works Department. At the same time I do not think it possible to construct a substantial shed, giving the required accommodation, for the sum of Rs. 103 per stall. The light sheds erected by the Harbour Trust, quite open except at the ends and with light corrugated iron roof, cost, I believe, Rs. 215, or 220 per 10 running feet. The standard plan which accompanied the memorandum above quoted gives a width of only 8 feet per stall and a total depth of only 10 feet without any verandah. The horses would be very cramped and in the day time and in wet weather exposed to the sun and rain; the bedding would get wet and rheumatism and other complaints result. Our horses lead a far harder life than army horses do in time of peace; they are out in all weathers, come home sometimes late at night, and must have room to lie down and rest. I understand that a committee is now engaged at St. Thomas' Mount in discussing needed improvement on the standard plan of stables.

5. One saddle and harness room would not be sufficient, as there is the saddlery of other horses, besides the harness, double and single, of two pairs of van horses to be provided for. At present the saddlery has to be kept exposed in the shed and liable not only to damage but loss by pilfering small straps, &c. The harness suffers even more than the saddlery.

6. This work has been long delayed by frequent changes and alterations in the design though it might be supposed that the erection of a plain open shed would not present such difficulties. All we ask is that the present very satisfactory, but temporary, mode of sheltering the horses in a shed be made permanent, the two ends of the shed being enclosed to form saddle and harness rooms and to give stability to the structure. With great respect I do not consider the army standard plan suitable for our purpose, and I trust Government may be pleased to direct the adoption of the principle submitted by the Judicial Department, with such modifications of constructive detail as the Public Works Department may consider necessary. The problem to be solved will doubtless not present any difficulty to professional Engineers.

Order—dated 17th December 1889, No. 1382, Judicial.

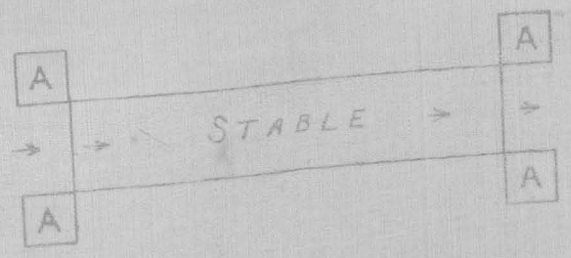
The Commissioner of Police's letter will be transferred to the Public Works Department with reference to memorandum in that department, No. 5390 C., dated 18th November 1889, with an intimation that the plan and estimate transferred under Judicial endorsement, dated 5th November 1889, should, so far as may be, be adhered to, and with a request that the work may be carried out at an early date.

(True Extract.)

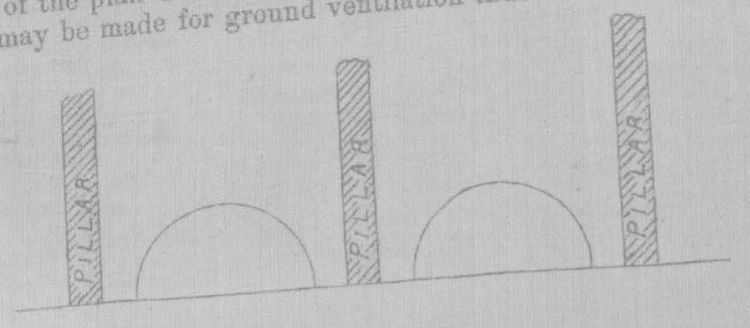
(Signed) A. G. CARDEW,
Under-Secretary.

Note by the Chief Engineer, P.W.D., General, Buildings and Roads Branch.

The only alteration that can be suggested with a view to improving ventilation is to build the stables in the following form :—



AA being harness and saddle rooms would act as buttresses to the ends of the main building. A free draught can then be maintained through the length of the stable. In the cross walls of the plan furnished by the Superintending Engineer, two semi-circular openings may be made for ground ventilation thus :—



The present shed has no rear wall, and it is suggested that the 9″ wall between the bays be dispensed with. To strengthen the building laterally the outer pillars may be buttressed so as to prevent collapse during cyclonic disturbances.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Chief Engineer, P.W.D., General,
Buildings and Roads Branch.

CHEPÂK,
22nd January 1890.

Order—dated 24th January 1890, No. 241 W., Public Works.

The revised estimate, amounting to Rs. 4,228, for constructing 12 horse-stalls for the Mounted Police, in the compound of the Presidency Magistrate's Court at Egmore, Madras, is sanctioned in supersession of the estimate of Rs. 3,087 sanctioned in G.O., No. 3227 W., dated 7th December 1886.

2. A sum of Rs. 4,228 is allotted from the Provincial reserve with the Government for the work which should be executed as quickly as possible.

3. Attention is drawn to the note by the Chief Engineer above recorded.

4. This sanction has been registered as Provincial No. 108 W. of 1889-90, and classified as Civil Buildings, Original Works.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, V Circle, with five enclosures.
,, Examiner, Public Works Accounts, with the duplicate abstract estimate.
,, Judicial Department.

Exd. J. Moses.
Spare Copies.

241/3

BUILDINGS AND ROADS.
CIVIL WORKS.
Govt. of (1890) Madras.
~~PUBLIC WORKS.~~

Dated January, 24th.

Recd.

Encl.

G.O., 24th Jan. 1890, No. 241 W.

JANUARY.

Twelve Horse Stalls for the Mounted Police in the Compound of the Presidency Magistrate's Court, Egmore

Revised estimate of Rs. 4,228 for constructing —, sanctioned.

City Police Office.

No. 71

Madras, 23rd October 1889

241/4
10

From
Colonel J. Weldon,
THE COMMISSIONER OF POLICE,
MADRAS.

To
The Chief Secretary to Government,
Fort Saint George,
Madras.

Sir,

I have the honour to forward revised plan and estimates* for the Construction of the Stabling for the Police horses which was Sanctioned by Government so far back as December 1886 and registered (P. W. D.) as Provincial No. 149 W. of 1886-87 Civil Buildings, Original Works. There has been delay in Submitting this as it was Considered desirable to substitute an open shed for close stalls a temporary shed in use having proved

*
1. Revised Estimate.
2. do. Detail measurements.
3. do. Abstract.
4. do. Plan.

G.O. 3358, [illegible] 12.86 [illegible] page 72 of Print [illegible] [illegible] May 87 [illegible] 1073.

1

far more healthy than the stalls. There have been several revisions by the Public Works Department and eventually the Superintending Engineer was of opinion that the original design for a shed required to be strengthened by cross walls to guard against the effect of Cyclonic storms. The present shed in use is a somewhat dangerous structure being supported mainly by Casuarina posts which are subject to the ravages of white ants, the roof too being inflammable is objectionable. I trust therefore that the plan and Estimate now submitted may be finally approved. The cost (Rupees 4228) exceeds the amount originally sanctioned by Rupees 1141. which the Superintending

Engineer reports is unavoidable.

I have the honour to be,
Sir,
Your most obedient Servant

Murdoch Colonel.
Commissioner of Police.

[illegible]
19. 5-86: 1270 mis
20. 12-86: 3357 mis
20. 5-87. 1073 mis

P.W. no. 10.5.G.89
12083/R.3 11/10 /89

38

Hin

From
The Commissioner of Police
Madras

To
The Chief Secretary to Govt.
Fort St. George.

Dated 23d } October 1889
Received 24th }

CHIEF SECRETARY TO GOVERNMENT OF MADRAS 24 OCT

No. 71

Enclosures. 4.

Stabling for Police Horses

Submits plan & Estimate for Construction of ________ for final approval.

Approved and transferred to the Public Works Dept.

R. G. Cardew
Under Secy.

Recd. 6. 11. 89

SECRETARY TO GOVERNMENT P.W. DEPARTMENT, MADRAS. 6 NOV. 89

To the Comr. of Police
— P.W.D.

Ent. 6/11/89

No. 5390 C

P. W. Department
Chepak. 18th November 1889

COMMISSIONER'S OFFICE MADRAS CITY POLICE 25 NOV. 89

40

211/6

Memorandum

In returning the papers transferred with Judicial Department endorsement of 5th Nov. 1889, the undersigned has the honor to forward copy of a standard design drawn up by this Department in 1883 for British Cavalry and Artillery Stables, and to inquire whether there is any objection to the adoption of this plan for the stables proposed to be built for Police horses at Egmore—

2. The plan submitted through the Commissioner of Police is considered defective in constructive details, and too expensive. It is also considered that one harness room should be sufficient for 12 horses, instead of two as proposed.

3. Stables for Artillery horses at St. Thomas' Mount constructed nearly in accordance with the standard design cost on an average Rs 103 per horse— It will therefore be seen that a large saving will be effected by its adoption for the Police horses—

4. Cross walls are not provided in the standard plan but the Supdg. Engineer will be instructed to provide them for the Police stalls.

5. If these suggestions be approved, a revised plan and estimate will be prepared accordingly—

(By order)
W. C. Baddeley Captain R.E.
Under Secy. to Govt. P.W. Dept.

To The Judicial Dept.
With papers returned & standard plan—

End RH

(1)

Judicial C. No 44

City Police Office,

No. 80.

Madras, 3rd December 1889.

From Colonel J. Weldon,
THE COMMISSIONER OF POLICE,
MADRAS

To The Chief Secretary to Government,
Fort Saint George,
Madras.

Sir,

I have the honour to return the plan and estimates for the Police Horse shed referred to me for remarks by Endorsement dated 23rd November 1889 on a Memorandum by the Under Secretary to Government Public Works Department No. 6390.C dated 18th November 1889.

2 ——— The plan submitted by the Judicial Department is objected to as being defective in constructive details and too expensive. Two harness rooms

are also objected to on the (erroneous) assumption that they are required for the saddlery of 12 horses only.

3 ——— The Construction of this or Similar much needed shelter was Sanctioned by Government so far back as 1886. Meantime the horses have been kept in a temporary shed, Constructed departmentally, which, owing to its inflammability and temporary nature is a Source of anxiety whenever there is either long Continued dry weather or indications of approaching Storms. An open shed has been tried in preference to closed stalls with the most satisfactory results. The Veterinary records will show that the horses have never been in Such good health and Condition as Since they have been stabled in this way. Except as the result of an accident

we rarely now have a horse out of work. The difference between the Comfort of an open, well ventilated shed and the close stalls is most marked, especially in the hot season when the horses in the latter, may be seen evidently distressed and Sweating while those in the open shed are Cool and Comfortable. With a shed also the whole line of horses is well under the observation of the Officer or lineman on duty both day and night.

4 ——— Having well tested this mode of stabling all we asked was that the present temporary and Somewhat dangerous structure should be made permanent. The Constructive details and Cost form of Course a professional question. The Cost Certainly seems high but so is the Cost of all buildings erected by the

are also objected to on the (erroneous) assumption that they are required for the saddlery of 12 horses only.

3 ——— The Construction of this or Similar much needed shelter was Sanctioned by Government so far back as 1886, Meantime the horses have been kept in a temporary shed, Constructed departmentally, which, owing to its inflammability and temporary nature is a Source of anxiety whenever there is either long Continued dry weather or indications of approaching Storms. An open shed has been tried in preference to closed stalls with the most satisfactory results. The Veterinary records will show that the horses have never been in Such good health and Condition as Since they have been stabled in this way, Except as the result of an accident

we rarely now have a horse out of work. The difference between the Comfort of an open, well ventilated shed and the close stalls is most marked, Especially in the hot Season when the horses in the latter may be seen evidently distressed and Sweating while those in the open shed are Cool and Comfortable. With a shed also the whole line of horses is well under the observation of the Officer or lineman on duty both day and night.

4 ——— Having well tested this mode of stabling all we asked was that the present temporary and Somewhat dangerous Structure should be made permanent. The Constructive details and Cost form of Course a professional question. The Cost Certainly Seems high but so is the Cost of all buildings erected by the

[illegible] Works Department. At the same time I do not think it possible to Construct a substantial shed, giving the required accommodation for the sum of Rupees 103. per stall. The light sheds erected by the Harbour Trust, quite open except at the ends and with light Corrugated iron roof Cost, I believe, Rupees 215, or 220 per 10 running feet. The Standard plan which accompanied the Memorandum above quoted gives a width of only 8 feet per stall and a total depth of only 10 feet without any verandah. The horses would be very Cramped and in the daytime and in wet weather exposed to the Sun and rain; the bedding would get wet and rheumatism and other Complaints result. Our horses lead a far harder life than army horses do in time of peace,

they are out in all weather, Come home sometimes late at night and must have room to lie down and rest. I understand that a Committee is now engaged at Saint Thomas Mount in discussing needed improvement on the Standard plan of Stables.

5 ______ One saddle and harness room would not be sufficient as there is the saddlery of other horses, besides the harness, double and single, of two pairs of Van horses to be provided for. At present the saddlery has to be kept exposed in the shed and liable not only to damage but loss by pilfering small straps &c. The harness suffers even more than the saddlery.

6 ______ This work has been long delayed by frequent changes and alterations in the design though it might be supposed that the erection of a plain open shed would not present such difficulties.

Inspector General of Police

all we ask is that the present very satisfactory, but temporary, mode of sheltering the horses in a shed be made permanent, the two ends of the shed being enclosed to form saddle and harness rooms and to give stability to the structure. With great respect I do not consider the Army Standard plan suitable for our purpose and District Government may be pleased to direct the adoption of the principle submitted by the Judicial Department, with such modifications of constructive detail as the Public Works Department may consider necessary. The problem to be solved will doubtless not present any difficulty to professional engineers.

I have the honour to be,
Sir,
Your most obedient Servant

Elmeadow Colonel
Commissioner of Police

ALe

Mm 6

241/10

– Inspector General of Police

Judicial C. No. 4339
G.O. 26.3.86 : 805
14.5.88 : 1270
20.12.88 : 3352
20.6.87 : 1073

18*89*

Public Works Department.

TO BE RETURNED WITH REPLY.

25 NOV 89

No. *5390 C.*
Dated *18th November/89*
Despatched *20*
Received *21st*
Enclosures 3.

Dt 23rd November/89

Referred to the Commissioner of Police Madras for remarks.

(By order)

A. G. Cardew.
Under Secy.

SUBJECT.

E.2
21/12/83/89

Forwarding a plan for the stables proposed to be built for Police horses at Egmore.

over

Judicial Department.

8 P

241/11

CHIEF SECRETARIAT MADRAS

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper :—

From the Commissioner of Police dated 23rd October and 3rd December 1889 Nos 71 and 80 respectively.
From the Public Works Department, dated 18th November 1889 No. 5390C

Offering remarks on the Public Works Department's Memo on the plan &c for Stables for Police horses at Egmore.

Order 17th December 1889 No. 1382

The Commissioner of Police's Letter will be transferred to the Public Works Department with reference to Memo in that Department No 5390C dated 18th November 1889 with an intimation that the plan and estimate transferred under Judicial Endorsement dated 5th November 1889 should, so far as may be, be adhered to, and with a request that the work may be carried out at an early date.

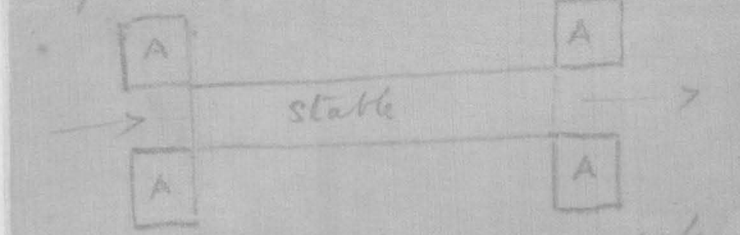
(True Extract)

A G Cardew.
Under Secretary

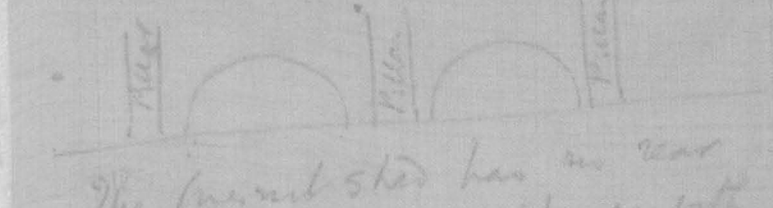
To
The Public Works Department with original papers
– Commissioner of Police
– Inspector General of Police

J. S.

The only alteration I can suggest with a view to improving ventilation is to build the stables in the following form, for stability



A, A, being harness & saddle rooms – [illegible] A free draught can then be maintained through the length of the stable – In the cross walls of the plans furnished by S.E. two arches or openings may be made for ground ventilation thus,–



The present shed has no rear wall & I should dispense with the 9" wall between bays – To strengthen the building laterally the outer pillars may be buttressed 2' or to prevent collapse during cyclonic disturbances – 22.1.90

Works Department.

2ed/13

Cu[illegible] No. 42,083

Le[illegible]tter No. 1282

Dated 7th December 1889

From the Judicial Department

Note of Remarks.

The accompanying plans & Estimates for Rs 4,228 for Stabling for the mounted Police [illegible] requested by the Judicial Dept. under their U.O. Memo No 5390 dated 18th November 1889 with an enquiry as to whether there would be any objection to the adoption of the Standard designs for Stables for Native Cavalry & Artillery instead of the plans submitted from [illegible], as a considerable saving in the cost would thereby be effected – The Judicial Dept. referred the matter to the Commissioner of Police who in reply states that these stables are [illegible] and that it is very essential on account of the health of the horses to have the Stabling built like a shed and that it should be a permanent structure. He further states that the Saddle rooms are necessary [illegible] accommodation is required for several lots of harness besides saddles.

The Commissioner of Police has erroneously characterised the Standard design as close Stabling. These Stables are open on both sides and have a more [illegible] than the plans

as for
with the stiffen the
Cross walls are no
longer necessary
they are exactly
and trussed close
in this Country.

As the design is approved by the Commissioner P.W. this it may be well to pass it, only substituting square pillars for the central columns, and square pillars for the ends or other supports for the roof; the iron ties connecting the trusses may also be dispensed with as they are of no practical utility, and the continuing ties pass through the central columns and thus weaken the principal supports of the roof.

The papers connected with this file have been sent up with the Estimate for reconstructing the Royal Artillery Stables at St Thomas Mount C No 11,714 —

20-12-89

AC

241/14

Please arrange with D to have the diagram lithographed. The Regulation should be issued urgent —

Ac

24/1/90

241/17

Yes — the Pres. [illegible]
[illegible] to the [illegible]
in a [illegible]
of the [illegible]
proper [illegible]

The word drought, there
be drought — in
the first.

Aug. 1 '28

... for
with the ...
cross walls are ...
longer ... inherently ...
they are greatly ...
and [illegible] ...
in this Country -

As the design is approved by the Commissioner [illegible] it may be well to pass it, only substituting square pillars for the centre columns, and square pillars for the [illegible] as outer supports for the roof & the iron ties connecting the [illegible] may also be dispensed with as they are of no practical utility, on the contrary they pass through the centre columns and thus weaken the principal supports of the roof.

The papers connected with this file have been sent up with the Estimate for reconstructing the Royal Artillery Stables at St Thomas' Mount C No 11,714 —

20-12-89

Dir

It seems necessary to lithograph the diagram in the enclosed chief Engr's note, as the note will be unintelligible without the sketches.

For orders.

Ce
27-1-90

The lithographing must be done quickly, as funds have been allotted for the Stables.

Ce
29-1-90

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[6]

Govt. of {1889} Madras.

9
241/13

To

Proceedings, dated 188
No.

Subject.

[6]

Govt. of 188 Madras.

To

The P W Depth

Proceedings, dated 17 Decr 1889
No. 1382

Subject.

Communicating with remarks to the P W Depth letter from the Comr of Police returning standard plan &c for stabling for Police horses.

11

PUBLIC WORKS DEPARTMENT

291/16

PROCEEDINGS OF THE MADRAS GOVERNMENT.

24th January 1890

READ the following

a Commissioner Police, Madras. — No. 71, d/23rd Octr 1889.

Endorsement thereon in the Judicial Department dated 5 November 1889.

Memorandum in the Public Works Department No. 5390 C d/18 Novr 1889.

From the Commissioner of Police, Madras. — No 80 d/3rd December 1889.

Proceedings of Government Judicial Department. — No. 1382, d/17th Decr 1889.

Note by the Chief Engineer P. W. Department. — dated 22nd Jany 1890

Jas 23/1

The revised estimate amounting to Rs 4,228 for constructing twelve horse-stalls for the mounted Police, in the compound of the Presidency Magistrate's Court at Egmore, Madras, is sanctioned in supersession of the estimate of Rs 3087 sanctioned in G O No 3227 W, dated 7th December 1886.

2. A sum of Rs 422

is allotted from the Provincial reserve with the Government, for the work which should be executed as quickly a possible.

3. Attention is drawn to the Note by the Chief Engineer, above recorded.

4. This sanction has een registered as — Provincial No 108 W of 889-90, and classified s Civil Buildings, riginal works.

22.1.90

22.1.90

To
The S. E. V Circle
with ~~X~~ 4 enclosures.
Examd P. W. posts
with the duplicate of estimate
Judicial Deptt
7/7

12083.

Govt. of 18 [illegible] Madras.

PUBLIC WORKS.

Print Book

Dated

Recd. Encl.

G.O. 24th Aug 1890 No. 2411 W.

Twelve ho[illegible]alls for the Mount[d] Police in the Compound of the Presidency Magistrate's Court Egmore.

Revised estimate of Rs 4228 for carrying sanctioned.

90
5

[illegible] [illegible]