No. of Pages 58
Date of Repairs May 1988
Initial of repairer

P.W.D

G.O.Ms - 3469 W
dated 19-12-1887

1
3469

19TH DECEMBER 1887, No. 3469 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

G.O., dated 14th December 1887, No. 2849, Judicial.

Read again—

G.Os., dated 14th August 1886, No. 2147, and 15th January 1887, No. 74.

Read—also the following papers:—

From the Registrar, High Court, dated 29th March 1887, No. 884.
Memorandum, dated 11th August 1887, No. 2760 C., Public Works.
G.O., dated 5th September 1887, No. 2391 W., Public Works.

Order—dated 14th December 1887, No. 2849, Judicial.

The new iron record racks, having been specially designed for records folded lengthwise, will not be suitable for old records. · One or two racks will be supplied at once to the courts of such District Judges as desire to try them, on particulars being furnished as to the exact height of room and the nature of the roof and as to whether the racks should be single or double.

(True Extract.)

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

Note by the Chief Engineer, Public Works Department.

Record Racks.—The weak point in the iron racks, if made according to the models lately furnished by the Public Works Workshops, will be the hoop-iron partitions forming the shelves; these will certainly sag, and it is a question whether it would not be better to use wooden battens in place of hoop-iron. If made of teak, they will not be liable to be destroyed by white-ants, and they will, like the hoop-iron, allow air to pass through the shelves, which is of importance if records are to be kept for any length of time without being moved.

2. In order to compare the internal capacity, space occupied, and cost of different classes of racks, the workshops have made a tracing of wooden racks of about the same shelf capacity as the iron racks, and the three classes may be lettered thus:—

A. Iron racks according to the models, with hoop-iron partitions for shelves.
B. Wooden racks according to the tracing attached.
C. Iron racks according to the models, but with wooden battens to form the shelves in place of hoop-iron.

Class C is, in my opinion, the best.

2/3469

3. *Comparison of shelf capacity, cost, &c., of classes A, B, C.—*

	Double Racks.	Single Racks.
	C. FT.	C. FT.
Cubic space occupied by A	150	90
Do. do. by B	161¼	100
Do. do. by C	157½	98⅘
Shelf capacity of A	120	75
Do. of B	112½	71¼
Do. of C	112½	71¼
	RS.	RS.
Cost of A	130	100
Do. of B	121	109
Do. of C	130	112

4. From these figures it will be seen that there is not very much advantage in using iron in place of wood for record racks.

5. By using wooden battens the shelf capacity of the iron racks is reduced; but it must be remembered that the shelf capacity of the racks is calculated on the assumption that the partitions will not sag, which they are sure to do with hoop-iron.

6. I think the cost of the single rack entered as Rs. 112 may be wrong, as the substitution of wooden battens for hoop-iron has caused no increase of cost in the case of the double racks, and it is not clear why it should add Rs. 12 to the price of the single racks. Class C would, I think, be found the most suitable, and I would recommend a practical trial of them on the first opportunity.

7. A tracing of a ladder is furnished, which will be light and strong, and is very similar to the class of ladder used in workshops for oiling, ~~shutting~~, shifting belts, &c.; the hooks might be made with blunter points and be covered with leather.

Shafting

19th October 1887. (Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 19th December 1887, No. 3469 W., Public Works.

Communicated, with copy of note by the Chief Engineer, Public Works Department, dated 19th October 1887, to the General Superintendent, Public Works Workshops, for information and guidance.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the General Superintendent, Public Works Workshops,
through the Superintending Engineer, V Circle, with plan.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1887] Madras

PUBLIC WORKS.

Dated December, 19th.

Recd. Enc

G.O., 19th Dec. 1887, No. 3469 W

DECEMBER.

Iron Record Racks

Proceedings in the Judicial Department on the subject of the new —, communicated, with copy of note by the Chief Engineer, Public Works Department, to the General Superintendent, Public Works Workshops, for information and guidance.

3
3469

4th February 1887, No. 273 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from H. T. ROSS, Esq., Registrar of the High Court of Judicature at Madras, Appellate Side, to the Chief Secretary to Government, dated Madras, 2nd December 1886, No. 3214:—

I am directed to submit, for the sanction of Government, the accompanying designs and estimates, amounting to Rs. 955-8-0, for record racks required for the new District Court building at Rajahmundry, and to request that funds may be allotted for the same.

2. The District Judge removed his court to the new building early in this year, but the records are still kept in the old building a quarter of a mile off for want of racks, the existing ones being quite unsuited to the new building and too old to stand the shock of removal. The old building itself has been condemned as unsafe for the record-keeper and his assistants to remain in, and the Public Works Department are anxious to have it vacated with a view to dismantling it.

3. Provision for these racks was not made in the previous estimate for furniture for this court (G.O., 12th March 1886, No. 664 W.) as it was then proposed to supply iron racks to all courts, which proposal has had to be kept in abeyance under G.O., 14th August 1886, Mis. No. 2147, Judicial.

No. 4522, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

(Signed) H. A. STUART,
Under Secretary.

15th January 1887.

Order—dated 4th February 1887, No. 273 W., Public Works.

The estimate, amounting to Rs. 956, for providing record racks for the new District Court-house at Rajahmundry, is sanctioned, and the amount is allotted from the Provincial reserve with the Government.

2. This sanction has been registered as Provincial, No. 174 W. of 1886-87, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with four enclosures.
,, Examiner, Public Works Accounts.
,, Judicial Department.

Exd. P. L. Pereira.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated February, 4th.

Recd. *Encl.*

G.O., 4th Feb. 1887, No. 273 W.

FEBRUARY.

District Court-house at Rajahmundry

Estimate of Rs. 956 for providing record racks for the new —, sanctioned, and funds provided.

In the Judl. Dept I am not
note asking the Ch. J [illegible]
[illegible]

4/3469

No. 2514.

CIRCULAR.

The High Court desires to impress on District Judges the necessity of exercising some personal supervision over their Record-rooms. It has reason to believe that, though much progress has certainly been made in bringing the destruction of old records up to date, there is still in some Courts an accumulation of old Registers and useless papers, which occupies much space and interferes with the orderly and systematic arrangement of records which have to be preserved. A Record-keeper is seldom promoted out of his own Department and he is consequently apt to get negligent unless properly looked after.

Each District Judge is requested before the end of the current year to make a careful inspection of his Record-room, and to submit, as a separate enclosure to his Administration Report, a memorandum showing exactly how far the work of destruction has been carried out and the real state of the Record-room as ascertained by himself. The memorandum should describe the nature of the accommodation provided; its sufficiency generally, and in particular with reference to light and air; the nature and suitability of the racks or bureaux in which papers are stored; whether there is any accumulation of old registers &c., or of any ancient records which have never yet been sorted for destruction; if so, whether any and what temporary establishment is necessary for their destruction; any difficulties which may have arisen in connection with the Rules of 16th August 1882; and generally any recommendations which suggest themselves to the District Judge.

The pay of the Record-keeping staff, and in many Districts its strength also, has recently been increased, and there ought now to be no difficulty in securing a competent head with the necessary punctual and systematic habits. But much may be done to aid him if the following simple directions are carefully followed in all the Courts.

Section 137 of the Procedure Code allows a Court, of its own accord or on an application, to send for records, but requires that every application be supported by an affidavit showing that the record is material and that copies cannot be obtained. The Courts should bear in mind the labour which such calls entail and should only make them when satisfied that the records are really needed.

It is believed that, in some Districts, the 1st note to Schedule C in the Rules of 16th August 1882 has been overlooked. Execution records are only required to be sent to the District Court after completion, and this stage is not reached when each successive application is finally disposed of, but, as stated in that note, only on the date on which final satisfaction is recorded or when no proceedings have been taken for six years. If this rule is not attended to, the Record-keeper has to give out and take back the record for each successive application for execution.

The clerks attending the trial of the suits must carefully attend to the following directions:—

(*a*). At the head of the Index, enter the nature of the suit or proceeding with reference to Schedule C. Thus, if the suit is for foreclosure, write at top of the Index on the right hand side in large hand C, I(c); if it is an Insolvency proceeding, C, 3(b); and so forth;

(*b*). Immediately below such entry, write the date of the final decree or order and, below that, the date on which part IV can be destroyed;

(*c*). Whenever an exhibit is produced by a person other than the party who files it, write opposite it in the column of Remarks 'filed by PW1'—meaning, by Plaintiff's 1st witness—or as the case may be;

(*d*). When an exhibit has become void or useless in consequence of the decree and not returnable under Section 144, write across it, and also in the Remarks column of the Index opposite it, "superseded by decree";

(*e*). Avoid as far as possible all paper not of foolscap size;

(*f*). Fold all papers once down the middle, as official correspondence is now folded;

Enclosure to the High Courts letter of 22nd Feb/87 No. 454

(*g*). Mark each paper with its serial number on the top right hand side, and at the bottom on the same side, mark the Part to which it appertains;

(*h*). Arrange the record in order of serial number without reference to Parts.

If the above instructions are followed, the record will reach the Record-keeper in a handy form. He should

(*a*) verify it by running over the serial numbers at the top of each paper;

(*b*) then deal it into Parts I to IV and tie up each separately;

(*c*) verify the date on which Part IV has to be destroyed and enter below it any remarks as to the destruction of other papers which he thinks necessary. The date being shown in a prominent place, there will generally be no occasion to open the bundle again until the time for destroying Part IV has arrived.

(*d*) When Part IV (or any other Part) has been destroyed, the fact should be noted on the Index and the date on which the next Part or document has to be destroyed should be substituted.

(*e*) When any Exhibit is returned, the fact and the date should be entered in the Remarks column.

(*f*) When material papers are sent to the High Court, new serial numbers should not be given but they should be entered in the list according to their old numbers, and the total number of papers sent, shown at foot of the list.

Much space is now wasted in most record-rooms by the racks or bureaux being of an unsuitable character. Low bureaux are out of place in lofty rooms, and racks too broad for a double row of records involve a loss of space. The Registrar has been directed to procure designs and estimates for racks formed of painted iron bands, each shelf to measure about 6 feet in length, 2¼ in breadth and 6 inches in height. On such a shelf, two rows of records could be placed on their sides, and access could be easily had to one row from each side of the rack. The whole could be removed, dusted and replaced in a very few minutes, and any particular bundle found in a few seconds. There will be sufficient space above for the hand to move, and for air to circulate. The height of the racks, or, in other words, the number of shelves, will only be limited by the height of the record-room, for a light iron ladder could easily be provided with them. The High Court hopes to see racks of some such description furnished to all the District Courts before long, and, on learning which of the Courts are most in want of space and new racks, it will be prepared to ask Government for a special grant.

Of course open racks are not suitable unless the record-room is reasonably secure.

R. S. BENSON,
Acting Registrar,
Appellate Side.

HIGH COURT OF JUDICATURE,
MADRAS, *10th September* 1885.

To

The District Judge of with spare copies for distribution to District Munsifs, and Judges of the Cantonment Courts of Small Causes.

" Subordinate Judge of
" Agent to the Governor at
" First Judge of the Presidency Court of Small Causes.
" Chief Secretary to Government with 3 spare copies.

Exd. A. M. Sabhapathi Mudaliar.

No. 454. High Court of Judicature,
Madras, 22nd February 1887.

From

H. T. Ross Esquire,
Registrar of the High Court
Of Judicature, Madras

To

Captain W. L. C. Baddeley, R.E.
Under Secretary to Government
P.W.D.

Sir,

With reference to your letter dated the 19th instant, No. 590 C, I have the honor to forward herewith a copy of this Court's circular dated 10th September 1885, No. 2,514.

I have the honor to be,
Sir,
Your Most Obedient Servant,

H Ross
Registrar,
Appellate Side

Exd. A. Parthasarathy.

P.W.C. No. 1483

(25)

Judicial {1887} Department.

No.

FROM

THE REGISTRAR OF THE HIGH COURT
OF JUDICATURE AT MADRAS,
APPELLATE SIDE.

Dated 22nd February } 1887
Received 24. 2. 87

No. 1265 C of 4-4-87

No. 454
Enc: One

Forwarding a Copy of this Courts Circular of 10th Septr/85, No. 2514 Called for in letter of the 19 inst., No. 590.C

To await receipt of the estimate called for from the P.W. Workshops. W.C.M.
15.3.87

8
8469 ~~The Hon. P. P. Hutchins~~

No. 400 C d/4.2.87
" 455 C d/8.2.87
" 273 W d/4.2.87

Note

With reference to the Hon. Member's remarks on G.O. No. 273 W of 4.2.87, attention is invited to Memo. No. 400C dated 4.2.87, from which it will be seen that the question as to iron record racks has not been lost sight of. An estimate for iron racks has been called for from the P.W. Workshops, & it is probable that it will be more economical to have them made up there than to procure them from Messrs Massey & Co. On receipt of the estimate from the workshops, the comparison desired by the Hon. Member will be submitted.

The wooden record racks for the Registering

Cur. 15.2.87 R 18.2.87

Court house appear to be urgently required, & as the estimate was approved in the Judicial Dept, it was sanctioned in the P.W. Dept for immediate execution -

WCB
15.2.87

DW

Thanks - Kindly write to Registrar High Court appte for a copy of the circular desiring that records sd be folded once only longitudinally & suggesting the use of iron racks. This will show exactly what I intended. The cubic space does not indicate accurately what amt of records can conveniently be stowed away, for in wooden racks where the shelves are high there is great wastage, but I sd have thought the cubic space even must be greater where iron is used

18 Feb

P.W.D.

9/8469

C/

To the Registrar
High Court
Appellate Side

Sir,

I am directed to request that you will be good enough to furnish this office for reference, with a copy of the High Court's Circular desiring that records should be folded once only longitudinally & suggesting the use of iron record racks

I have &c

WCB
15.2.87

Despd DW
19/2/87

No. 453C of 8-2-87
- 400C - 4-2-87
- 273W - 4-2-87
- 3369W - 21-12-86

0/3369 12 65 C

12/61

PWD

Iron v Wood Record Racks

From a comparison of Ests received it appears that every 100 cubic feet of storage space in an iron rack costs five times as much as in a wooden rack. Both for the same outside measurements, more storage room is available in an iron rack than in a wooden one - this of course is due to the framework & shelves taking up less space, & much room.

Messrs. Mannings & Co and the PW Workshops have submitted Ests for Racks as follows.

36 Racks 13' high 6' wide 2½' deep with 12 shelves 12 inches apart

18 Racks 13' high 3' wide 2½' deep with 12 shelves 12 inches apart

2 W.I. ladders 12' long.

M & Co	PW Workshops
4800	5788

The difference in price is due to the large percentage added to all Workshops bills (PW Workshops)

1/2/87

1265 C

to cover interest on capital & other items of account. It is probable that the actual cost of the works to Govt would be about the same, wherever the work was done; but that turned out by the P.W. Workshops would be of better quality. —

In the Estes for wooden racks submitted by the District Judge Godavari: It is observed that the shelves are 6' deep, this would be most inconvenient if placed against a wall — how could a record be taken from the back of the shelf —

The accompanying plans submitted by the P.W. Workshops provides for an iron rack 9' 11" high (12' - 3" total) 6' wide and 2½ feet deep and it shows the description of iron rack which could be made up of any dimensions required —

ACC
25 - 3 - 87

No. 1265C dt 4th April 1887.
[illegible] 3/2060

With reference to his No 6252 of 18th March 1887, the plan of an Iron record rack is returned to the S.E. V with the request that the design may be modified as follows.

(1) The rack is intended to stand away from the walls, so that records can be taken from both sides of it; the frame work must therefore be stiff enough and the feet large enough to render the structure stable, even when a ladder is placed up against it, with the weight of a man near the top; probably cast iron feet will be found to answer better than splayed ends —

(2) The clear space between the shelves is to be 6" as shown on the plan, but as the records are to be placed side by side resting on their longer edge, the battens shown in the drawing must be replaced by light flat iron bars, placed at right angles to the direction in which the battens are now fixed in the plan.

No 4556 of 8-2-87

1265 C

As uniformity in the construction of these racks is very desirable, the General Supt should modify the design of the racks for the Madura district courts, and submit a type design of iron racks and ladders; the latter might well be made of wood with a flat rung at the top such as is common in libraries.

As regards cost Messrs Massey & Co have submitted an est. of 4500 for racks & ladders while the P.W. Workshops ask 5788 Rs for; ~~and~~ but it is hoped ~~that~~ under the revised rules of calculating the profit to be made on works, the P.W. Workshops will be able to reduce their price very considerably.

31.3.87

Fw 2/4/87

4/4/87

To the S.E. V Circle

immediate issued 10/5/87

II/3469

P.W.D.

Memo

Letter from the Registrar High Court No 1942 d 9-7-86

Forwarded to the Supdg. Engr. V Circle who is requested to submit a plan & estimate showing the cost at which iron record racks similar to those which Messrs Massey also offer to supply, can be made up at the P.W. Workshops.

25.1.87

To the S.E. V Circle with one encl. enclos, to be returned

4/2/87

Fw 3/1/87

No. 400 C of 4-2-87

B/14 — 4/2/87

12/3469

No. 6282

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepauk, 18 March 1887.

From Col. W. H. Burton R.E.
~~The~~ SUPERINTENDING ENGINEER,
V CIRCLE,

To
The Chief Engineer
P. W. Department

Enclosures. 2
1 Plan
1 Letter

SIR,

In returning the enclosure of your Memorandum No 400 C dated 4th February 1887, I have the honor to forward a Plan of iron Record Racks for the High Court and to state that the cost of making in the P. W. Workshops.

36 Racks 6 ft long 2½ ft wide and 13 ft high with 12 shelves 12 inches apart @ Rs 120 each is Rs 4320.
18 Racks 3 ft long 2½ ft wide and 13 ft high with 12 shelves 12 inches apart @ Rs 80 each is Rs 1440.
2 W. I. Ladders 12 ft long @ Rs 14 each 28
5788

In the Plan however, the shelves are shown 16 inches apart.

I have the honor &c
Sir,
Your most obedt Servt
W H Burton Col. R.E.
Supdg Engineer 5th Circle

M. N. 2265

No. 570 C of 19-2-87
- 455 C - 8-2-87
- 400 C - 4-2-87
- 273 W - 4-2-87
- 3369 W - 21-12-86

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
P. W. Deptt

Dated 18th } March 1887.
Recd. 19 }

ENCLOSURES. 2

No. 6282

Iron Record Racks

Forwards a plan of for the High Court with their Costs.

T Compare with [illegible]

---

[19]

Reference on No. 1461 *of* 1887.

In replying the above should be quoted.

10/8969

Judicial DEPARTMENT.

READ the following Letter from the Registrar of the High Court, Madras, dated 29th March 1887, No 884.

The Chief Engineer, Public Works Department, is requested to be good enough to submit his reply to G. O. dated 15th January 1887, No 74, Mis. Judicial, at as early a date as possible.

Ootacamund, }
6th May 1887. }

Ag. Chief Secretary

To,
The Chief Engineer,
Public Works Department.

P.W. Cor 3497

No. 400 C d/ 4.2.87
" 273 W d/ 4.2.87
" 590 C d/ 17.2.87
" 1265 C d/ 4.4.87
" 3369 W d/ 11.12.86.
" 1793 W d/ 15.7.86
" 897 W d/ 16.3.86
No. 1823 C of 21-5-87
G. O. 1189 W 2.5.87

Recd 9/5/87

No. 1823 C of 21/5/87

N.B.
A reminder to [illegible] 1265 C d/ 4th April '87, issued on 1-5-87

[illegible] 16/6/87

[illegible] 19-6-87 P. 16-6-87

No. 978 15/3469

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepâk, 21st May 1887.

From
Coll. H. M. Vibart. R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer,
P.W. Department.

Enclosures.

SIR,

With reference to your Memorandum No. 1265 C dated 4th April 1887, calling for a fresh design and Estimate for iron Record racks for the High Court, I have the honor to request that I may have again the Plan returned with this Office letter No. 6282, dated 18th March 1887, of the iron Rack proposed to be made by Messrs. Massey and Company and for which they have submitted an Estimate of Rupees 4,800. The Plan is required for reference by the General Superintendent P.W. Workshops.

I have the honor to be
Sir,
your Most Obedt. Servt.

H. M. Vibart Coll. R.E.
Superintdg. Engr. 5th Circle

No. 1793 W d/15-7-86 No. 1189 W. 2-5-87
" 697 W d/16-3-86 " 455 C d/8-2-87
" 3369 W d/21-12-86 " 590 C d/19-2-87
" 1265 C d/4-4-87 " 400 C d/4-2-87
273 W. 4-2-87
No. 1823 C d/31 May 1887

Memo

The Supdg. Engineer V Circle is informed that the plan referred to was returned with this office memo No. 1265 C d/4 April /87.

27-5-87

S.E. V.C. Despd 31/5/87

From W.C.N. No. 3916

The Supdg: Engineer
V Circle

To

The Chief Engineer,
P.W.D.

Dated 21st } May 1887.
Recd 23 }

Enclosures.

No. 1823 - d/31 May 1887

No. 978

Iron record racks for the High Court — Requests that the plan of — may be returned for reference by the General Supdt. P.W. Workshops.

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[19]

Reference on No. of 188 .

In replying the above should be quoted.

17/3469

Judicial DEPARTMENT.

CHIEF SECRETARIAT
MADRAS.

READ the following

+ Reference on Cur. 1461, d/6 May 1887.
re Iron Record Racks for H. C. Courts.

+ Cur. 3497

THE Public Works Department is requested, to be good enough, to submit an early reply to the paper read above.

(By order)

Ootacamund
~~Fort St. George,~~
29th June 1887.

Ag. Under Secretary.

No. 1793 W/4 15-7-86
" 697 W/4 16-2-86
" 3369 W " 21-12-86
" 1265 C " 4-4-87
" 1189 W " 2-5-87
" 455 C " 8-2-87
" 590 C " 19-2-87
" 400 C " 4-2-87
" 273 W " 4-2-87

C.W.C. No. 4977

17.7.87

No. 2210 cd/2d July 1887

Memo

The Supdg. Engr, V circle, is requested to expedite the submission of his reply to memo: No. 1265 C. d/4th April 1887

Subject - Iron record racks.

2.7.87

J. 5/7

S.E. V circle

HC/

18/3469

The model of Iron Record Racks [illegible] go to the General Engr P.W. Iron Works, [illegible] to the S.E. V, [illegible] the G.O. written [illegible] with D.B.

17.XII.87

1793W.y/15-7-86

19]

Reference on No. of 188 .

In replying the above should be quoted.

2nd Reminder

$\frac{19}{3469}$ Judicial DEPARTMENT.

CHIEF SECRETARIAT, MADRAS.

READ the following Reference on C No. 1461, dated 6th May 1887, re Iron Record Racks for Dt Courts.

THE Public Works Department is requested to be good enough to submit an early reply to the paper read above.

(By order)

Ootacamund
~~FORT ST. GEORGE,~~
6th Augt 1887.

A. L. Cardew
Ag. Under Secretary.

No. 3144

R 8.8.87

No. 2670C of 11-8-87
P.W.

The papers on this subject were with ~~you~~. Please say what answer is to be sent as this is the third reminder

FB
10/8

Reply ~~that~~ models of Iron racks, designed on the suggestions made by the Hon Mr Hutchins, have been made in the P W Workshops, and will very shortly be forwarded with the necessary estimates
10.8.87

C/ No. 2670C of 11-8-87 20/3469 P.W. Dept.

Memo.

With reference to the 2nd Reminder dated 6th August 1887 calling for a reply to reference on C No. 1461 of 6th May 1887 regarding Iron Record Racks for District Courts, the undersigned has the honor to state that models of Iron racks, designed on the suggestions made by the Honble Mr Hutchins, have been made in the P.W. Workshops, and will very shortly be forwarded with the necessary Estimates.

10.8.87
D.W.

Judicial Dept. ~~H~~ 11/8/87

B.P.

No. 2670 c of 11-8-87

the estimates

Detailed Estimate of the probable cost of making Iron Rack as per design for Record Rooms

21/34 69

Particulars	No	Quantity	Rate	Per	Amount	Total
			Rs a p		Rs a p	Rs a p
Angle & T Iron		lbs 590	. 1 1	lb	40 . .	
Flat Iron		806	. . 10	"	42 . .	
Swedish Iron Rivets		50	. 2 .	"	6 . .	
Fuel charges					5 . .	
Smiths labor					25 . .	
Drillers					3 . .	
						121 . .
10 percent Genl charges						12 . .
					Total Rupees	133 . .

P. W. Workshops
Madras
8th June 1887

Genl. Supdt. P. W. Workshops

22/95 P.W.W.
1/6/87

Sec. 2
P.W. 5702

Detailed Estimate of the probable cost of making a Ladder for the use of the Record Racks as per Tracing 92/3469

Particulars	Rate	per	amount	Total
5½ C.feet Teak wood	3 - -	Cft	17 8 -	
40 lbs Iron Work	- 1 -	lb	3 - -	
50 lbs Castings	- - 8	lb	2 - -	
Carpenters labor	- - -	—	7 - -	
Filers — "	- - -		1 - -	
Machine men's	- - -		- 8 -	
Smiths			1 - -	
10 per Cent			3 3 -	35
	Rupees			35 - -

P.W. Workshops }
Madras }
27th June 1887 }

A Joyce
Genl Supdt P.W. Workshops.

93/349

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Bangalore, 2 July 1887.

No. 1488.

From
Col. H. M. Vibart, R.E.
THE SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer
P. W. Dept.

Enclosures. 5.
4 Plans.
Estimates.

SIR,

With reference to your Memorandum No. 1265 C dated 4 April 1887 I have the honor to forward a Revised Design for Iron Record Racks and an Estimate amounting to Rs. 133, together with a Design & Estimate of Rs. 35 for Ladder.

The original Plan of Record Rack received with your Memorandum No. 1265 C of 4 April 1887 is returned.

I have the honor to be
Sir
Your Most Obedt. Servt.

H. M. Vibart
Col. R.E.
Superint. Engr. 5th Circle

1773 W – 15 – 7 – 86
697 W – 16 – 3 – 86
3369 W – 11 – 12 – 86
1765 C – 4 – 4 – 87
1189 W – 2 – 5 – 87
1155 C – 8 – 2 – 87

590 C – 19 – 2 – 87
400 C – 4 – 2 – 87
270 W – 4 – 2 – 87
2210 C – 2 – 7 – 87

No 2397 W of 5th Sept/87

Recorded with reference to G.O. no 2397 (W) of 5th September 1887
(vide C. 4275 & 5734)

15. 8. 87

15/8/87

C. 15. 8. 87.

P.W.C. No 5151

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
P. W. Department.

Dated 2nd
and Recd. 4th } July 1887.

14. 7. 87.

ENCLOSURES. 5.

No 2397 W of 5th Sept/87

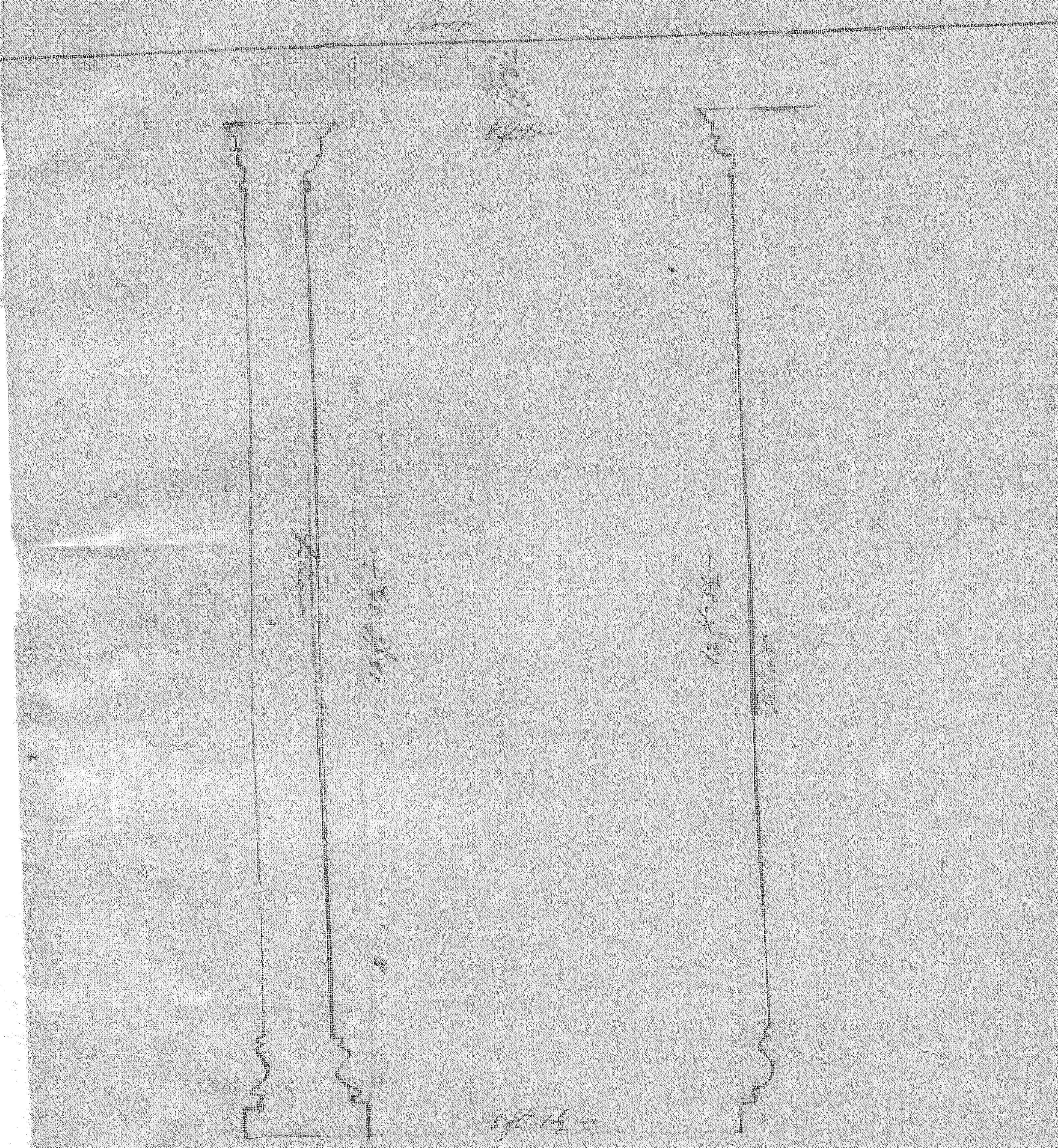
No. 1488.

Iron Record Rack.

Forwards a revised design for — and an Estimate amounting to Rs 133 together with a design and an Estimate of Rs 35 for Ladder —

The rack to be within the red lines.

94
3969



Iron Rack

Dt. Ct. [illegible]

Public Works Dept.

25/3969

Note for the Hon. Mr. P. P. Hutchins

With reference to the desire of the Hon. Member to have a trial made of Class C. record rack described in the accompanying note, it is found on enquiry that there are no proposals now before the P. W. Dept. for record racks for the Judicial Dept.

~~It is understood that the Hon. Member intends to arrange for a record rack of this class being tried in the High Court at Madras~~

W.W.
25.11.87

[illegible]
25/11/87.

R.A.

I agreed with Col. Baxter that a few C racks shd be got ready. In the J.D. I have asked High Court to say what Court will take & try them. The G.O. order will correct Col. H. for [illegible] initials

[illegible]
25 Nov

The racks cannot be ordered till we see plan of the room in which they are to be placed.

[illegible]
25/11/87.

25-11-87

[25]

26/2489 Judicial Department.

Fl 1

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read again G.O. 14th August 1886 No. 2147 & 15 Jany 1887, No. 74)

READ also the following papers

from the Registrar, High Court, no. 884 dated 29th March 1887

Memorandum from the Public Works Department, 11 August 1887,

?2670 C. No. 2760 C.

G.O. 5th September 1887 No. 2391 W. Public Works.

Order, 14th December 1887 No 2849

The new iron record racks having been specially designed for records folded lengthwise, will not be suitable for old records. One or two racks will be supplied at once to the Courts of such District Judges as desire to try them, on particulars being furnished as to the exact height of room and the nature of the roof, and as to whether the racks should be single or double.

(True Extract)

A G Cardew

Ag. Under Secretary

The Hon'ble the Judges of the High Court.

Copy to Public Works Dept. ✓

Record Racks.

The weak point in the Iron racks, if made according to the models lately furnished by the PW Workshops, will be the hoop iron partitions forming the shelves; these will certainly sag, and it is a question whether it would not be better to use wooden battens in place of hoop iron; ~~[illegible]~~ if made of teak they will not be liable to be destroyed by white ants, and they will like the hoop iron allow air to pass through the shelves, which is of importance if records are to be kept for any length of time without being moved —

In order to compare the relative capacities, space occupied, and cost of different classes of racks, the PW Workshops have made a tracing of wooden racks, of about the same shelf capacity as the iron racks; and the three classes may be lettered thus

A Iron racks according to the models, with hoop iron partitions for shelves.

B Wooden racks according to the tracing attached.

C Iron racks according to the models, but with wooden battens to form the shelves, in place of hoop iron.

Class C is in my opinion the best —

P.T.O.

Comparison of Shelf capacity Cost &c of Classes A. B. C.

	Double racks	Single racks
Cubic space occupied by A.	150 c ft	90 c ft
" " " B	161¼ "	100 "
" " " C	157½ "	98¾ "
Shelf capacity of A	120 c ft	75 c ft
" " " B	112½ "	71¼ "
" " " C	112½ "	71¼ "
Cost of A ——	130 Rs	100 Rs
" " B ——	121 "	109 "
" " C ——	130 "	112 "

From these figures it will be seen that there is not very much advantage in using iron in place of wood, for record racks.

By using wooden battens the shelf capacity of the iron rack is reduced; but it must be remembered that the shelf capacity of the racks is calculated on the assumption that the partitions will not sag; ~~when~~ they are sure to do with hoop iron.

I think the cost of the single rack entered as 112 Rs may be wrong, as the substitution of wooden battens for hoop iron has caused no increase of cost in the case of the double rack, and it is not clear why it should add 12 Rs to the price of the single rack.

Class C would I think be found the most suitable, and I would recommend a practical trial of them on the first opportunity.

A tracing of a ladder is furnished, which will be light and strong, and is very similar to the class of ladder used in workshops for oiling shafting shifting belts &c. The hooks might be made with blunted points, and be ~~[illegible]~~ covered with leather.

W C Baddeley

19.10.07

irc. 25-11-87.

No. 3469 W. of 19th October 1887

P.W.C. No. 10314

[°]

Govt. of (188) Madras.

A 5 Print the note

Communicated with copy of note by the Chief Engineer Public Works department dated 19th October 1887 to the General Superintendent Public Works workshops for information and guidance

19/12

To

The P.W. Dept.

16 DEC 87

R/16-12

Proceedings, dated 16 – 12 – 1887.

No. 2849.

Subject.

Regarding iron racks for District Courts.

14/12/87

14/12/87

2391-2 W of 5/7/87
2670 C of 11/10/87
1150 W of 1/5/87

The Genl. Supt. P.W. Workshops
Ask the Supdg. Engr. E. Circle with plan

DC
11/1/88

Northcroft

10,314

Govt. of [1887] Madras.

PUBLIC WORKS.

Dated 22/12

Recd. Encl.

G.O., 19 Dec 1887, No. 3469 W

Iron Record Racks

Pro. in the Publ. Dept. on ~~upon~~ the subject of the new — ; comd. with copy of Note by the Chief Engr., Ry. Dept., to the Genl. Supt., Ry. Workshops for information & guidance.

21/12