Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 1685-6 Ry.

DATED 4th November

[Despatch Abstract.]

Type-designs of railway buildings. — Ordered that the seven — forwarded by the Agent, Madras Railway, be forwarded to the Govt of India.

Forwarded

Indexed.

[P. W. Ry. 500—8-5-00.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	1378-9	Ry.	15-9-90				

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

No. 46 R. C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY CONSTRUCTION.

To

THE GOVERNMENTS OF MADRAS, BOMBAY AND BENGAL.
THE CHIEF COMMISSIONERS OF BURMA AND ASSAM.
THE RESIDENT AT HYDERABAD.
THE DIRECTOR GENERAL OF RAILWAYS.
THE CONSULTING ENGINEERS TO THE GOVERNMENT OF INDIA FOR RAILWAYS, CALCUTTA AND CENTRAL DIVISION.

Calcutta, the 15th January 1890.

SIR,

I am directed to request that the Government of India may be furnished with drawings shewing the most approved types of the undermentioned buildings as erected on the railways under your control:—

(*a*) Station building, with waiting and refreshment rooms, suitable for a second-class station.
(*b*) Station building, suitable for an ordinary third-class station.
(*c*) Quarters for foremen, inspectors, &c. (Europeans).
(*d*) Quarters for drivers, guards, fitters, &c. (Europeans).
(*e*) Quarters for clerks, station masters, &c. (Natives).
(*f*) Quarters for porters, pointsmen, police, &c. (Natives).
(*g*) Huts for maintenance gangs.
(*h*) Gatekeepers' lodges.

2. In each case the drawing should be on tracing cloth, to the scale of $\frac{1}{4}$ inch to one foot. The area in square feet for each building should be noted on the drawing, the area being taken at floor level and to include verandahs, but to exclude any plinth, footings, steps, &c. The total average cost of each building at *present* prevailing rates should also be entered and the corresponding rate per square foot. An abstract of quantities of each class of work from floor level upwards and for the floor itself should also be given.

3. Where different types are approved for different districts, the information should be given for each such type. Where the type illustrated might, in the opinion of the railway authorities, be improved, a note showing what improvements are suggested should be made on the drawing, and the proposed modifications drawn to scale in red colour.

I have the honour to be,

SIR,

Your most obedient Servant,

Major, R.E.,
Under Secretary.

Documents accompanying.
Nil.

Government of India Central Printing Office.—No. 1322 P. W. D.—17-1-90.—600.

To The Joint Secretary to the Government of Madras, (Railway Branch) Public Works Department.

No. 545 C&A/31st Jany 1890

C.E.S.

No 27 Jan 29 /

Referred to the

Consulting Engineer for

Railways for compliance.

C.E. South Coast R.

J. Hacy: Asst. P.W.D.

Ry: Branch.

28/31/1/90

2d/31.1.90

To

The Consulting Engineer for Rlys:

with 10 copies

P.W. Coll. 767.

C

Recd 7-1-90

No. 6/27/1/90

No. 1149

South Indian Railway,

AGENT'S OFFICE,

TRICHINOPOLY. 13th August 1890.

From

The Agent,

SOUTH INDIAN RAILWAY.

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Sir,

Referring to your letter No 122 dated 31st January 1890 and reminders I beg to forward herewith eight type-drawings of buildings as constructed on this Railway. Regarding these drawings the Chief Engineer reports:—

"Sheet No 1 (Drawing No 714) represents a "Second class station with waiting and "refreshment rooms as erected at an "important Junction Station - Chingleput

"Sheet No 2. (Drawing No 1792) is an ordinary 3rd "class Station as erected at Majaveram "Being a Station where 1st class passen- "gers, chiefly district officials, are fre- "quently expected extra accommodation "in the Shape of a waiting room is "provided.

Sheet No 3

No "Sheet No. 3. (drawing No. 144/83) is an ordinary
"3rd class Station without any waiting
"room and affords all the accommoda-
"tion usually found necessary at the
"more important 3rd class Stations

Co "Sheet No. 4. (drawing No. 2/88) is another form
"of 3rd class Station which has been
"found to answer all requirements at
"the least important 3rd class Station
"It will be noted that the cost is less
"than the preceding type.

"Sheet No. 5 (drawing No. 175) Is the type of
"bungalows provided at all the important
"Locomotive Stations in the System.
"The cost of similar accommodation
"has been decreased by the adoption
"of a different form of roof in more
"recently Constructed buildings.

"Sheet" No. 6. (drawing No. 173/83 A) Is the type now
(assen- "in course of construction and em-
are pre- bodies the most recent views as to
modation cheapest and best design for
room is buildings.

Sheet No. 3
The Cong No. 1630) is the most
with type of Native Station
Master's
"Masters bungalow, affording the maximum
"accommodation that can be given for the
"Sum decided on as sufficient for
"buildings of this class.

"Sheet No. 8. (drawing No. 349) two types are shewn
"on this Sheet – those that have been
"erected on the S. I. Ry. and those
"that are in course of construction on
"the V. G. S. Ry. It is believed that the
"latter will afford all the accommo-
"dation required and will not cost as
"much as the buildings on the S. I. Ry.
"It is not the practice to provide
"permanent quarters for porters, pointsmen
"and men of that class on the S. I. Ry – but
"for the accommodation of linemen in the employ
"of the Government telegraph department we
"have recently built quarters that would
"suit men of the porter and pointsman
"class – the design is therefore forwarded – vide
"Sheet No. 4."

I am,
Sir
Your most obedient Servant
William Butts
Agent

11

REGISTER
No. 1063
FILE
No.

R/Ry 4/
8447/90

From
The Agent,
South Indian Railway,
Trichinopoly.

To
The Consulting Engineer for
Railways,
Madras.

Dated 13th August 1890.
Received 14.8.90
Roys No. 1149
Enclosure.

Madras Railway Co.
Chief Engineer's office.
Madras, 20th August 1890.

No 4679/1064

The Ag. Agent & Manager.

Dear Sir

Drawings of Railway buildings.

In reply to the Consulting Engineer's letter cto 737 forwarded with your cto 6836/708 of 19th current.

1. I beg to inform you that the Drawing office Staff can with difficulty do the current work of my office so that it is impossible to say when time could be found to make the drawings asked for, involving as they do much work.

2. If Government will sanction a special staff of three extra

Draftsmen at a total cost of Rs 80/- a month for this work, the drawings required by the Government of India would be finished in two months, after this special staff commences work on them.

Yours faithfully
(signed) H. R. P. Carter,
Chief Engineer.

(True Copy)

W. Leuchars.
Ag. Agent & Manager.

(No. 1)

5,000—14-11-85.

No. 6836
898

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 21st August 1890

From

The Agent and Manager.
M.R.C.

To

The *Consulting Engineer for Railways.*

SIR,

Your No 737 dated 15th August 1890
Drawings of approved types
of buildings for the Government
of India.

In reply to your enquiry as to when these drawings will be ready, I have the honour to submit for your information a letter from the Company's Chief Engineer pointing out that the present staff of draughtsmen is not sufficient to enable

him

how to undertake the work at once, and requesting sanction for a special staff of 3 extra draughtsmen at a total cost of Rs 80 a month for two months for the preparation of the plans required by the Government of India.

I have the honour to be
Sir,
Your most Obedt Servt

J. Breithaupt

Agent & Manager.

REGISTER
No. 1160
FILE
No.

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer
for Railways.

Dated 27 August 1890

Recd. 28.8.90

Read

No. 6936/097

Drawings of approved type of buildings for the Govt. of India

Vide letter to Rd
Despatched 466
26/8/90

No. 1147

South Indian Railway,

AGENT'S OFFICE,

TRICHINOPOLY, 26 August 1890

From

The AGENT,
SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

Sir,

In continuation of my letter No. 1147 dated 13 Instant I beg to forward herewith a type drawing of an Inspector's bungalow which drawing I regret was inadvertently overlooked by me when forwarding the other plans with the above letter.

I am
Sir
Your most obedient Servant

Walter J. Hooper
for Agent

1 Encl.

REGISTERED
No. 1121
FILED
No.

Pt B 3 8247/90

From

The Agent,
South Indian Railway,
Trichinopoly,

To

The Consulting Engineer for
Railways,
Madras.

Dated 16 August 1890
Received 18 August 1890
No. 1212
Enclosure.

Form No. 1.

Office of Consulting Engineer for Railways,
Madras, 1st September 1890.

Public Works Department.

Letter from the Agent, South Indian Railway
No. 1149 dated 13th August 1890 with enclosures
Do ——— Do ——— No. 1212 dated 26th August 1890 with enclosures
Letter from the Agent and Manager, Madras Railway
No. 6836/898 dated 21st August 1890 with enclosure.

No. 581.

~~Government.~~

Submitted. ——— to ——— Government

(herewith returned) with reference to G.O. No. 545 C. dated 31st January 1890 and for transmission to the Government of India.

Office Copy with Con 4719 sent to R. Ry only on 19.5.90

2. The drawings called for by the Government of India in letter No. 46 R. dated 15th January 1890 have been furnished by the Agent, South Indian Railway and are now submitted.

3. The Madras Railway have not yet put the work in hand, as the Chief Engineer states that the drawing office staff can hardly cope with current work, and he suggests that a special drawing staff on Rs 80 per mensem be engaged for two months

months to execute the drawings.—
The matter is under correspondence,
and it is hoped that the wishes
of the Government of India
may be met, without incurring
any extra expenditure on a
special drawing staff.

Sidney Smith
Major R.E.

for off: Secy: Engrs: for Rly:

BR

Sir

Perhaps it would be
as well to remark as
follows regarding A. M's delay
of 7 months in informing Govt.
that he is unable to do ~~that~~
the work without an extra
establishment for which
he might have applied months
ago.—

Para 2. The result of the
correspondence between the
Consulting Engineer for Railways
& the Agent & Manager Madras
Ry will be awaited.

Para. 3. The Agent & Manager
will be informed that H.E. the
Governor in Council desires with
displeasure the delay, extending
over a period of seven months,
that has occurred in the sub-
mission of his application for
an extra establishment of
draughtsmen which desideratum
he might have foreseen months
ago & thus have avoided the
further

Form No. 3.

No. 1378 R 2/15 Sept 1890.

H.S 11/9/90

Ordered to be for-
warded to the Govt. of India
with reference to its letter
No. 46 R.C. dated 15th January
1890.

2. The result of the correspondence
between the Consulting Engineer &
the Agent & Manager Madras Railway
will be awaited.

3. The Agent & Manager, Madras Rly
will be
informed that H.E the Governor in
Council considers that ~~the Plans submitted~~
~~by the Govt of India under their~~
~~letter dated the 15th January 1890~~
~~are either defective or incomplete~~ if an
~~extra~~ Establishment ~~will be~~ required
~~for the~~ preparation of the plans, it should have been
~~asked~~ for immediately ~~after~~ the sanction
was accorded. ~~This should have been done~~ at the time

Ry. No. 1379 R 2/15 Sept 15/1890
Forwarded. 5/9/90

~~Sanction should be communicated to the plans~~
~~submitted several months ago.~~
Copy to India
with 9 drawings
16/9/90.

H.S
16/9

The Consg: Engr: for Rys &
H.S
18/9

GRC 22/9

Sch. 5/2. R 11/9

P. W. Cir: 82475

From

THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS,

No. 581

Dated 12 September 1890
Received 22

No. of Enclosures. 7 & 1 plan

Subject.

Submitting correspondence
regarding drawings of
the most approved
types of certain classes
of Railway Buildings
on Meter as used
on the Indian Railways

P.

No. 1378. 79 R 2/15 - Sept 90.

5,000—14-11-85.

(No. 1.)

No. 6836/1120 MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,
MADRAS, 29th October 1890

From

The Ag. Agent and Manager.
M. R. Co

To

The *Consulting Engineer for Railways.*

SIR,

With advertence to your No. 92
dated 31st January 1890, giving cover to a
copy of G. O. No. 546 C dated idem and
subsequent correspondence on the subject,
I have the honour to forward herewith
seven type designs of certain classes of
railway buildings adapted on this line
prepared by the Chief Engineer, who in
submitting the drawings writes as follows:-

"I presume that 'huts for maintenance gangs'
"are houses provided where accommodation
"in villages is not procurable. If I am correct
"in my supposition we have no such huts on
"the Madras Railway."

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

Jas Nicholson
Ag. Agent & Manager

REGISTERED
No. 1316
FILE
No.

MADRAS RAILWAY.

From The Agent and Manager.

To

The Consulting Engineer
for Railways.

Dated 8th October 1890

Recd. 30th Oct 90

No. 6836/1120

Forwarding type designs of certain classes of building to be erected at the Madras Railway

Form No. 2.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,
Madras, 31st October 1890.

Letter from the Agent and Manager, Madras Railway, No: 6836/1120, dated 29th October 1890 and enclosures.

No. 754

SUBMITTED _____ to _____ Government, in continuation of this office endorsement No: 581, dated 1st September 1890, and for transmission to the Government of India.

2. The sum of Rs 30 was sanctioned for an extra draughtsman to draw up these plans, as the Chief Engineer stated that it was impossible to prepare them with the existing staff.

Sidney Smith
Major R.E.
For Offg. Consg. Engr. for Rys

B Form No. 3.
No. 1685 R dt 4th Nov. 1890.

Ordered to be forwarded to the Govt. of India in continuation of P.W.D. docket No. 1379 R dated 15th Sept: 1890. —

H.E. No 1686 R dt 4th Nov. 1890

Forwarded

95/11 1/11/90 D.R.

From

THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS.

No. 754

Dated 31st
Received 31. } October 1890.

No. of Enclosures. 8 (7+1)

Subject.

Submitting letter from the Agent and Manager, Madras Railway forwarding [illegible] =signs of certain classes of Railway buildings adopted on the Madras Railway for transmission to the Govt of India

B.

dt. 1685-86 R dt 4th Nov. 1890.

H.E. 1.XI.90 D.R.

3/11

492 3/11/