

Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 1465 Ry.

DATED 26th November 1898.

[Despatch Abstract.]

Universal System of Signalling.

Sanction accorded to the payment of Rs 32 f to the Engineer in Chief, Berwada Madras Railway, for supplying the Consulting Engineers Office, with 100 lithographed copies of each of the nine tracings relating to the ———.

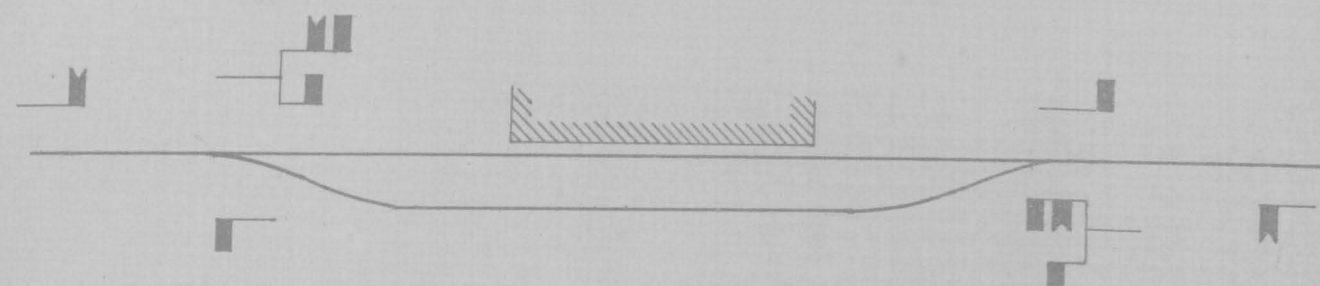
Indexed.

28/11/98

PROPOSED. DOWN TRAIN TO ENTER STATION AND STOP.

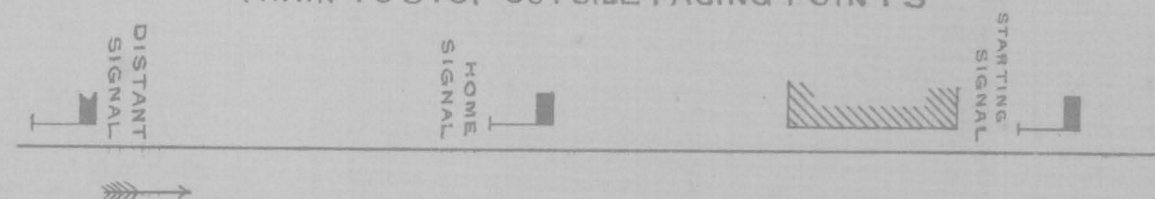
UNIVERSAL SYSTEM OF SIGNALLING

BEZWADA MADRAS RAILWAY PROPOSAL

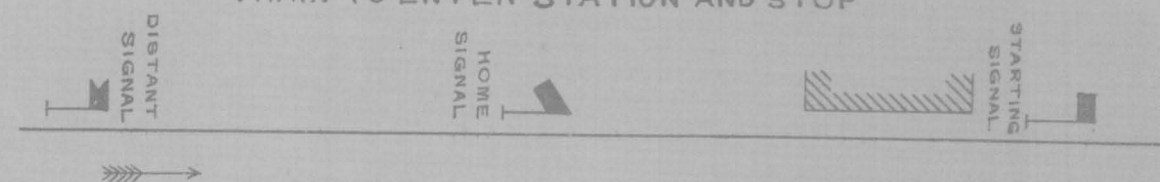


SOUTH INDIAN RAILWAY PROPOSALS

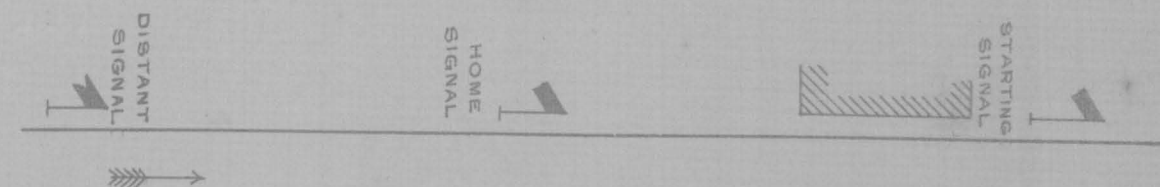
TRAIN TO STOP OUTSIDE FACING POINTS



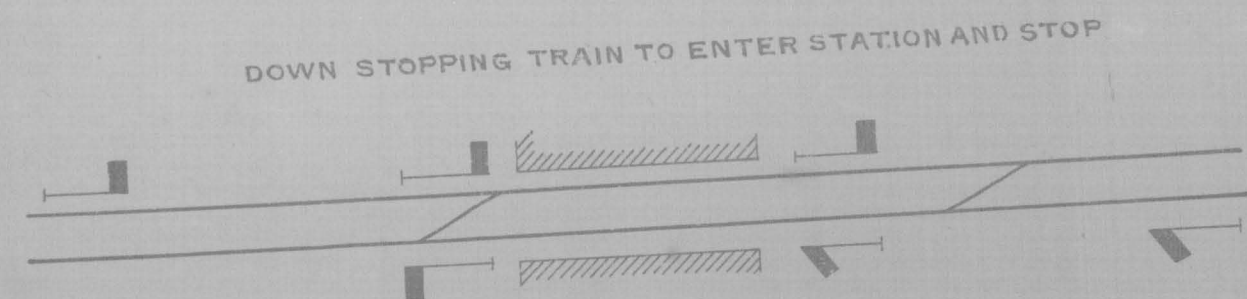
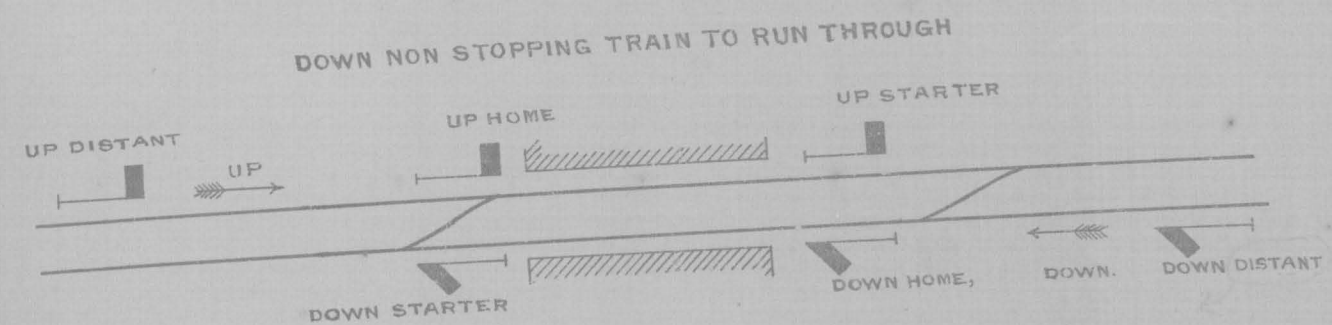
TRAIN TO ENTER STATION AND STOP



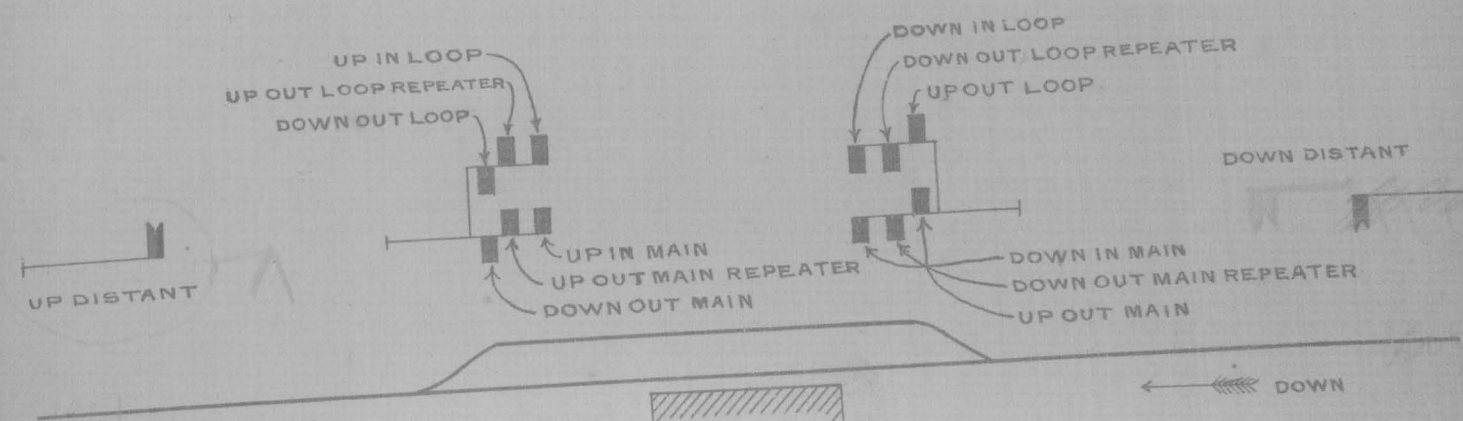
TRAIN TO RUN THROUGH



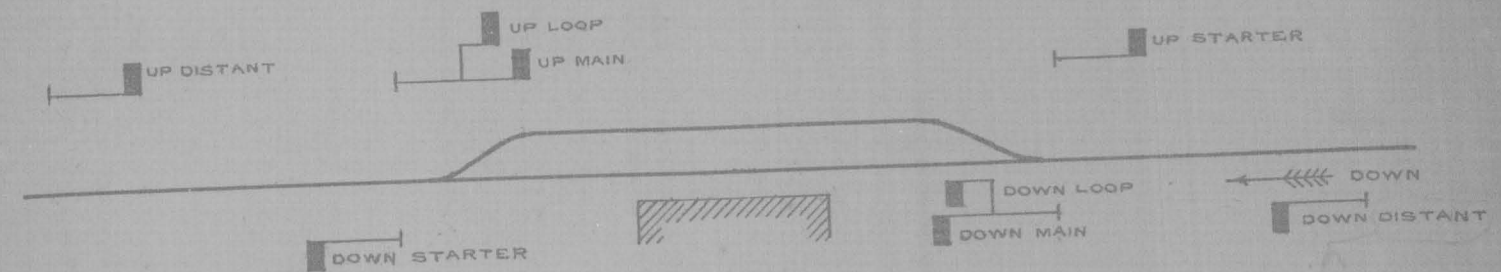
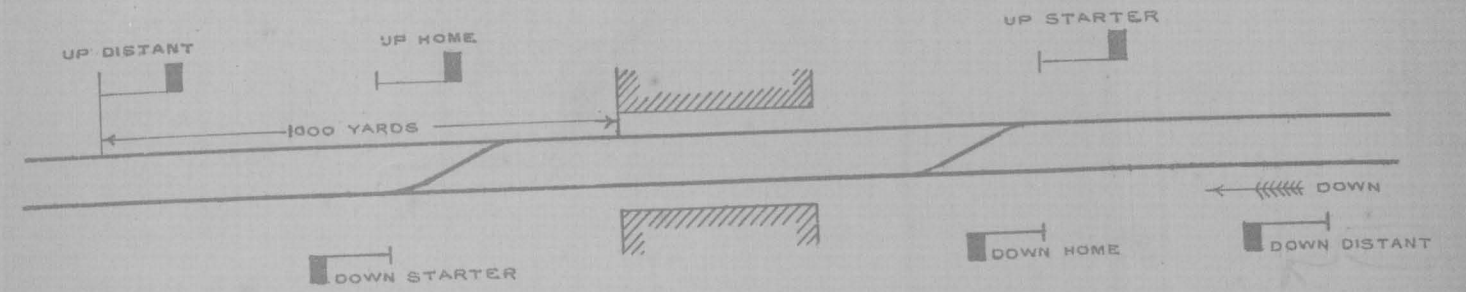
UNIVERSAL SYSTEM OF SIGNALLING MADRAS RAILWAY PROPOSALS.



PROPOSAL AS CONTAINED IN
PARAS 9&11 OF CONSULTING ENGINEER'S NOTE

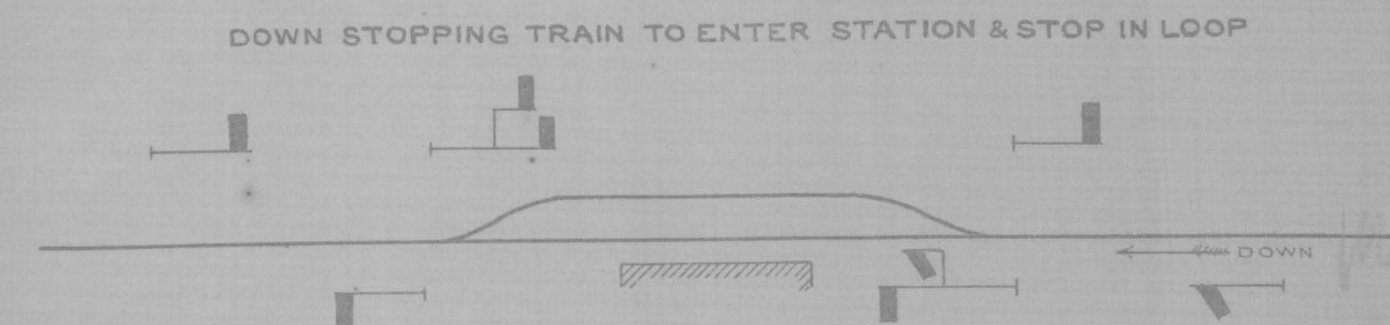
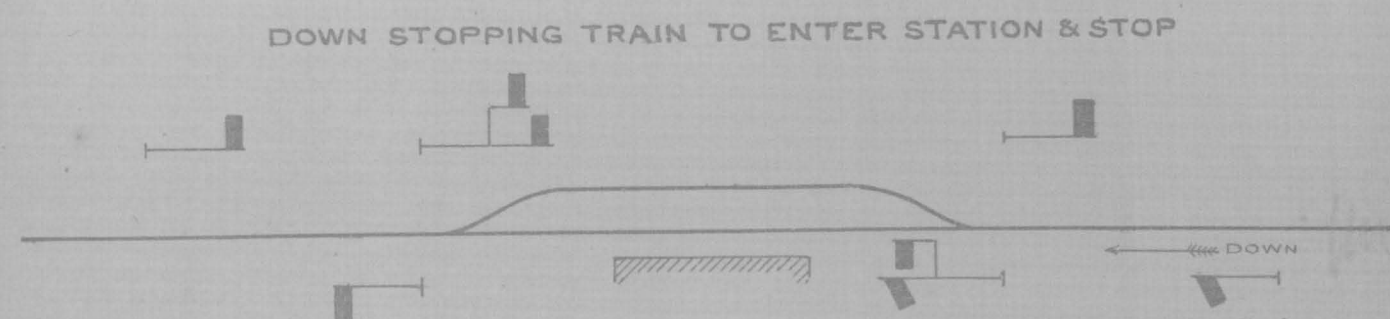
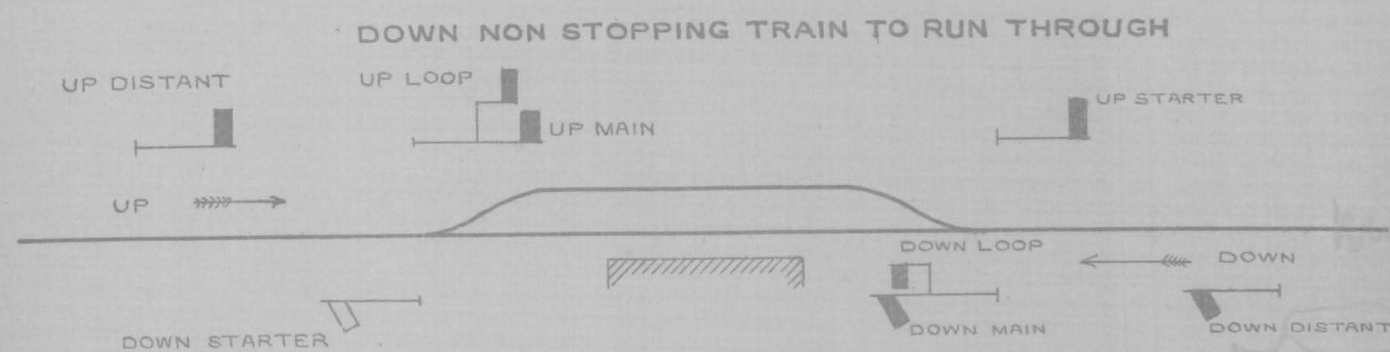


UNIVERSAL SYSTEM OF SIGNALLING MADRAS RAILWAY PROPOSALS.

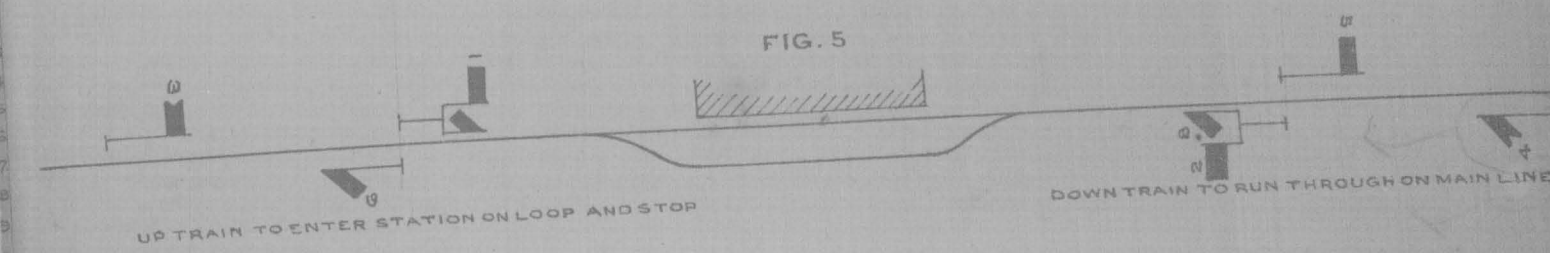
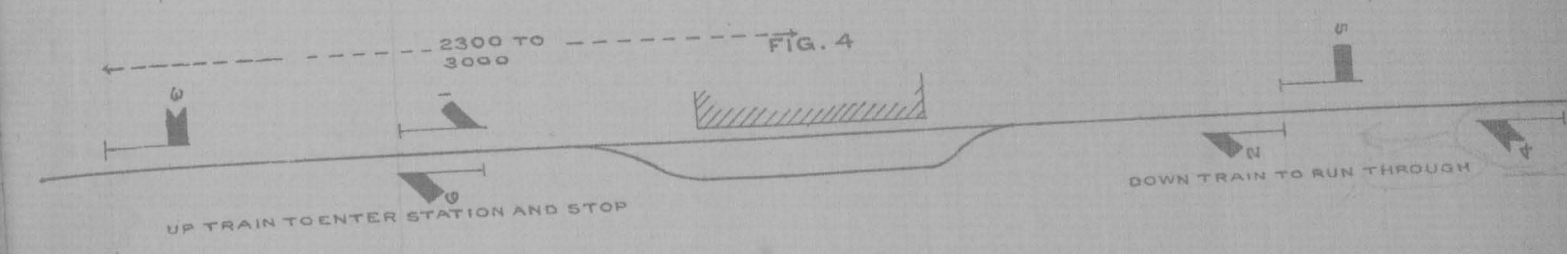
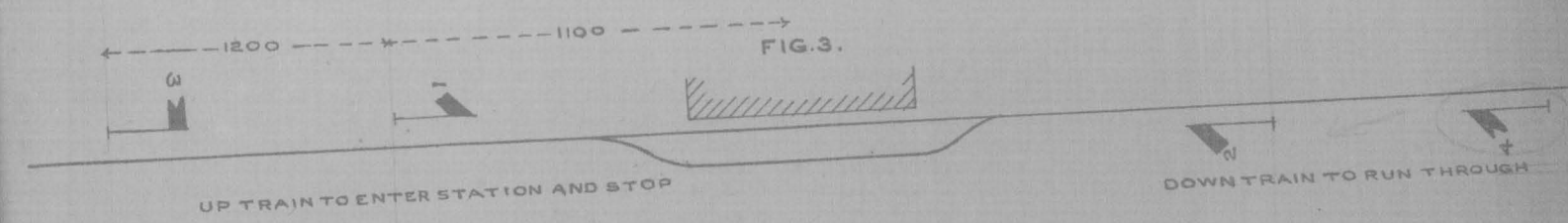
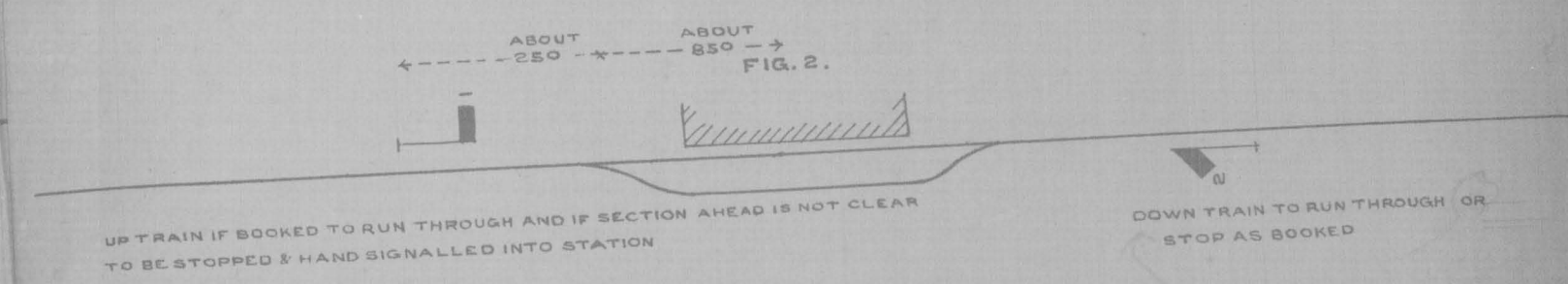
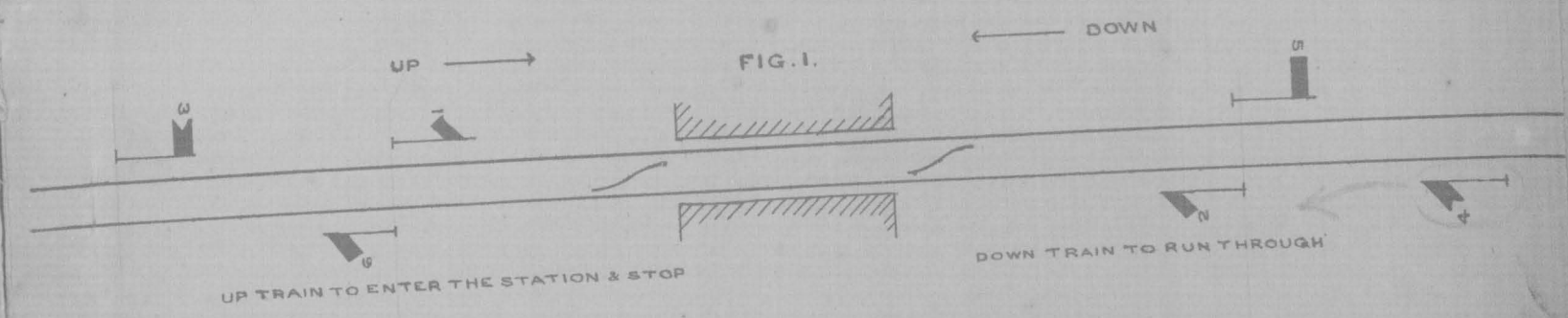


UNIVERSAL SYSTEM OF SIGNALLING

MADRAS RAILWAY PROPOSALS.

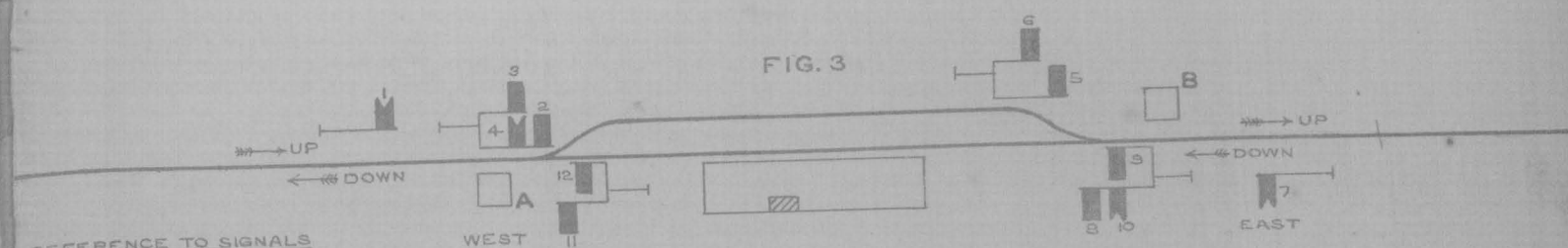
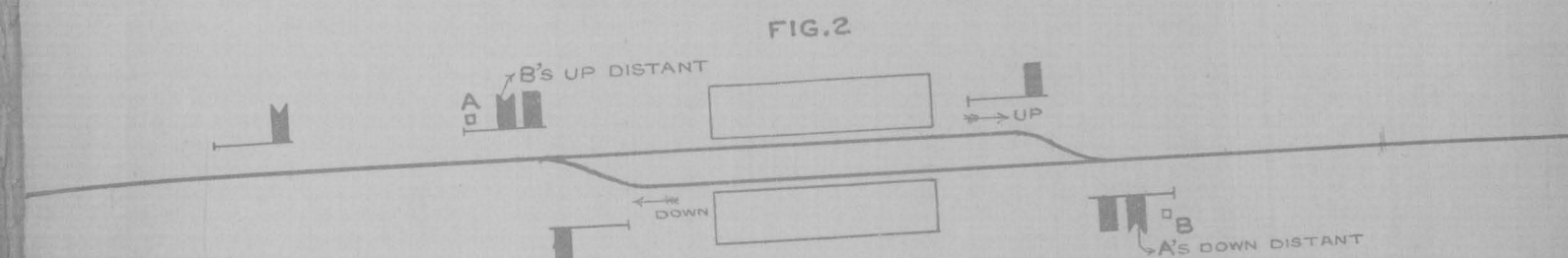
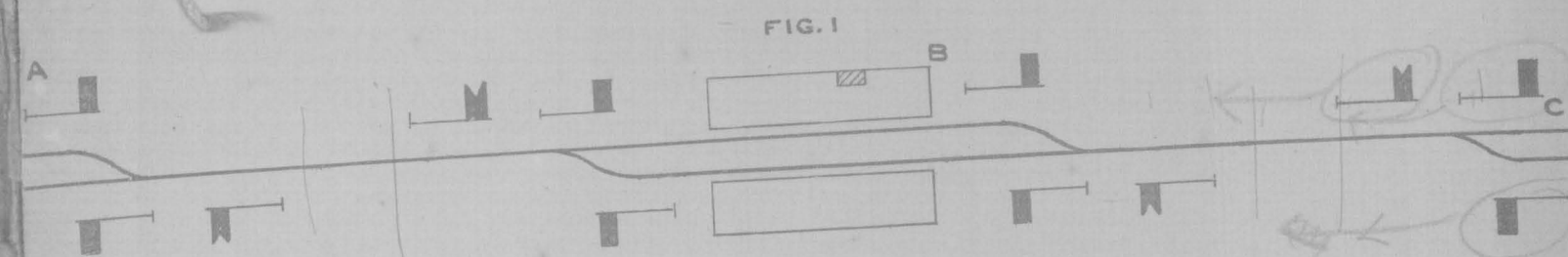


UNIVERSAL SYSTEM OF SIGNALLING CONSULTING ENGINEER'S PROPOSALS.



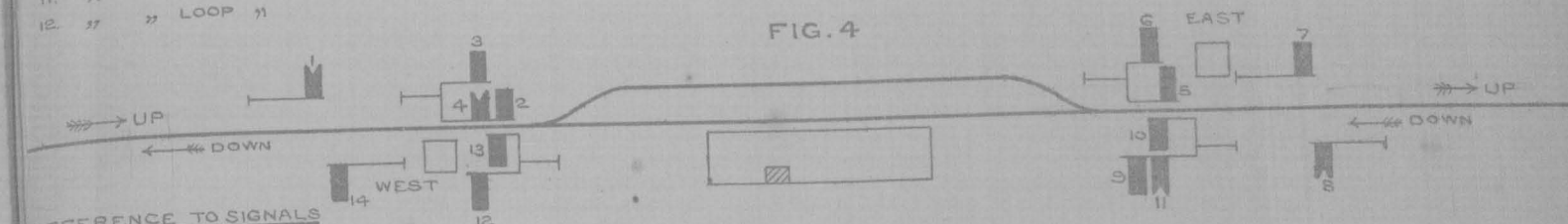
UNIVERSAL SYSTEM OF SIGNALLING

L. W. C. SMYTH'S PROPOSALS



REFERENCE TO SIGNALS

1. WEST UP DISTANT
2. " " MAIN HOME
3. " " LOOP "
4. EAST " DISTANT
5. " " MAIN HOME
6. " " LOOP "
7. " " DOWN DISTANT
8. " " MAIN HOME
9. " " LOOP "
10. WEST " DISTANT
11. " " MAIN HOME
12. " " LOOP "



REFERENCE TO SIGNALS

1. WEST UP DISTANT
2. " " MAIN HOME
3. " " LOOP "
4. EAST " DISTANT (HOME)
5. " " MAIN HOME
6. " " LOOP "
7. " " STARTER
8. " " DOWN DISTANT
9. " " MAIN HOME
10. " " LOOP "
11. WEST " DISTANT
12. " " MAIN HOME
13. " " LOOP "
14. " " STARTER

TYPE OF (NON STOP) DISTANT SIGNAL
PROPOSED BY MR C. T. R. SCOVELL.

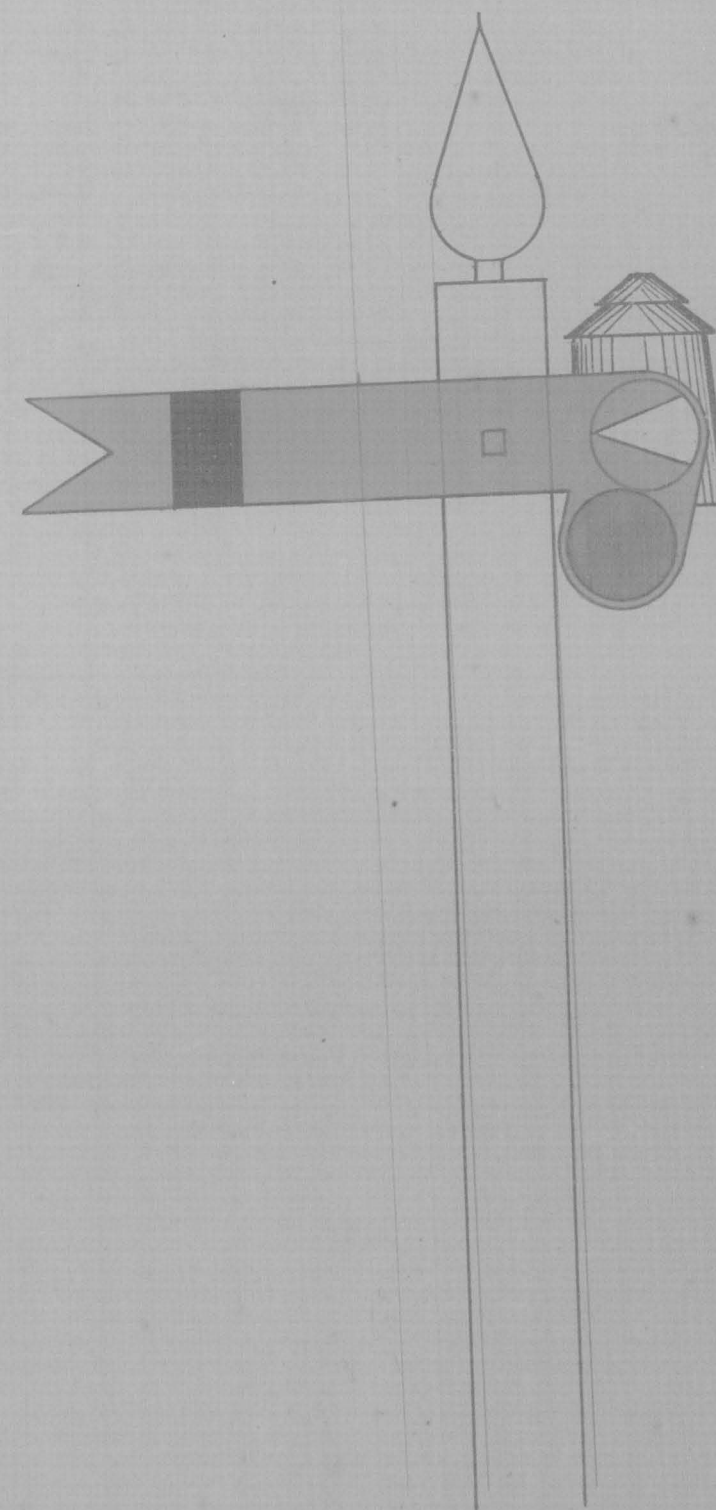


DIAGRAM ILLUSTRATING NOTE BY THE
CONSULTING ENGINEER MADRAS

FIG. 1.

THE PROPOSED SYSTEM

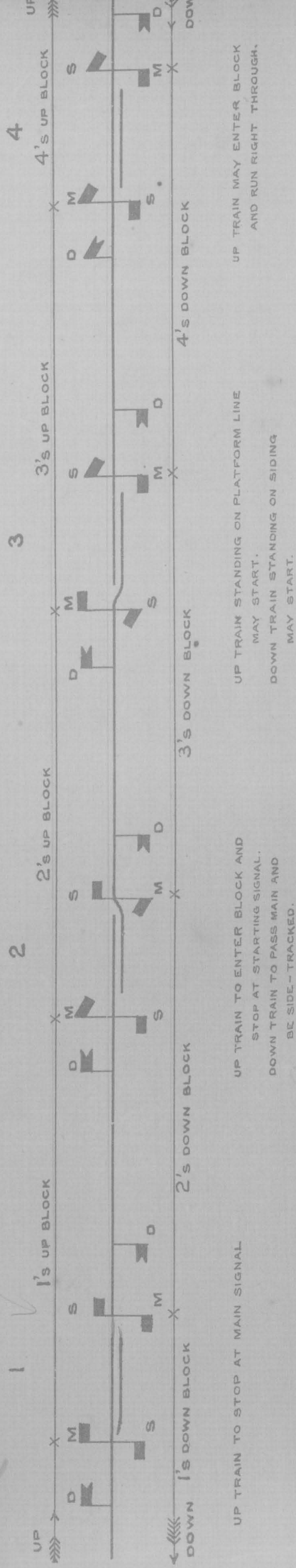
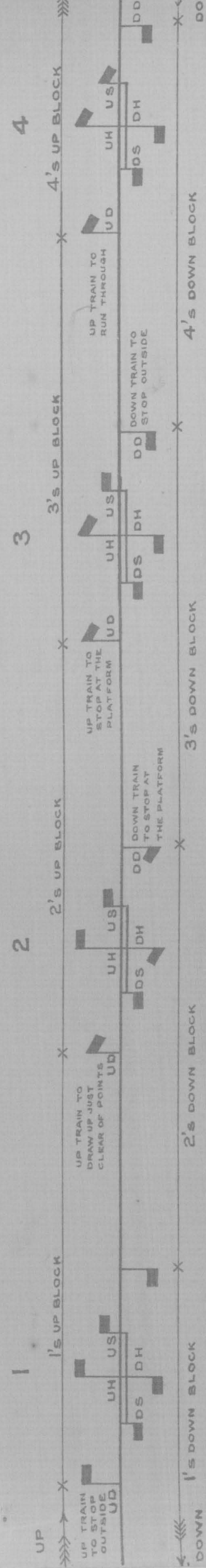


FIG. 2.

THE COMMON INDIAN SYSTEM



Handwritten note: The system proposed is A. not at the end.

Madras, 12 Oct 1898.

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

Engineer-in-Chief
THE AGENT AND MANAGER, M. R.

Bengal - Madras Ry

SIR,

Reply No. B/6590dated 13.10.98

Encl: 6.

I have the honour to request that you will kindly undertake to supply this office, as early as convenient, with 5 ferro type copies of each of the accompanying six tracings relating to a universal system of signalling. I shall be glad to receive the copies of sheet No 8 in advance of the others as they ^{have} been prepared.

Despatched on 12/10/98

12.10.98

12/10/98
H. J.

In your reply please quote
the number and date of
this letter.

No. 63/6590

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY,

To

THE Consulting Engineer for Railways.



MADRAS.

4794

14.10.98

Dated Madras, the 13th October 1898.

Sir,

Answered
In reply to your no. 2321 dated 11th instanc, I have the honor
to point out that taking copies by the photo galvano process
during the monsoon is a very tedious process, it will take over
15 days to make the copies of the tracings forwarded by you.
As can lithograph the same matter in a week, the cost being the
same for both systems viz about Rs. 11.

B1

Please say if you approve - for
having made forms of sheets 1-2 & 4
but if the other sheets are lithographed
these also should be made to be lithographed

I give the honor to be

Sir

Your most obedient servant.

George Saverell

For Engineer-in-Chief.

29.

13/10

Yes they may be
lithographed

gld

14.10.98

Enclosures.

Madras, 15 Oct 1898.

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders

To

Engineer-in-Chief
THE AGENTS I. R.

Bergaden. Madras R.

SIR,

Reply No. F6768dated 22.10.98

With reference to your letter No. B/6590 of 13 October 1898, I have the honour to approve of the tracings being lithographed. - I shall be glad if you will also kindly have 50 copies made of the accompanying 3 tracings lithographed. -

Encl: 3

JA
15.10.98.

Despatched on 15/10/98

16/10/98
16/10/98

In your reply please quote
the number and date of
this letter.

No. 56768

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY,

To

THE Consulting Engineer for Railways.



Dated Madras, the 22nd October 1898.

Sir,

Flags & y

In compliance with your go. 1221 of the 12th instant,
and go. 1222 of the 11th idem, I have the honor to send you herewith
50 copies of each of the 9 tracings forwarded by you, lithographed
in this office. The total extra expenditure including the cost of
paper in printing the 450 sheets is Rs. 15 sixpence only and I shall
be glad if you will remit the sum at your earliest convenience.
A portion of the sheets will have to be distributed to the
various staff engaged for the purpose.

I return herewith the 3 original tracings sent by you.

I have the honor to be,

Sir,

Your most obedient servant.

George Dorell

or

H22/10

Enclosures.

459

No.



Mysore Railway,
ENGINEER-IN-CHIEF'S OFFICE,

Dated 19th November 1898.

My dear Lyle,

I return you by peon
your file with regard to signals,
left in our office on your
last visit; I also send you
another 50 copies of the
signal diagrams leaving the
margin as instructed.

Will you kindly send me
Rs 32/- for these and
the former ones, as these

Recd.
25/11/98

Recd.
25/11/98

11/211

Papers to be read in Proceedings:—

Again G.O., dated

189 , No.

Again G.O., dated

189 , No.

(2) *D.O. letter of 19th November 1898 from the Engr-in-Chief BMR*
(1) E/C Current No. 5023A of 1898, dated 23-10-98, from _____ to _____

" "	" 189 , "	" "
" "	" 189 , "	" "

done as by order of
some of our hands and others
and especially

Yours sincerely

George Devereux

ORDER. No 1465 P, of 26/11/98

Sanction is accorded to
the payment of Rs 32/- to the
Engr-in-Chief BMR for
copies of having supplied
the Consulting Engineer's office
with 100 ^{lithographed} ~~photographed~~ copies of
each of the ^{signalling} ~~the~~ tracings relating
to the Universal system of
Signalling.

To The Examiner of ^{P/W} ~~the~~ Accounts
" Engr: Engr for P.W.

Despatched on 26/11/98

24.11.98
SR

Madras, 2^d December 1898

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

THE AGENT AND MANAGER, M. Ry.

" " S. I. Ry.

" " H. H. THE N. G. S. Ry.

" " AND CHIEF ENGR., N. Ry.

" " S. M. Ry.

" ENGR.-IN-CHIEF, B. M. Ry.

" MANAGER, E. C. Ry.

Reply No. A/7811dated 5.12.98

SIR,

In compliance with your semi official letter dated 19th November 1898, I have the honour to send Rs. 32-0-0, being the cost of signal diagrams supplied to this office. Please acknowledge receipt.

JW
29.11.98.

2/12/98

* Acknowledged in No. A/7811 dt 5th Dec 98 by the Engr-in-Chief, B. Ry. for Rs. 32-0-0, which is sent as Contingent Voucher, No. 25, dt 11/12/98 to C.E. Office. (Office copy is kept in).

W
24/12/98

W
7-12-98.

W
29/12/98.

Copy of a communication *from the Engineer-in-Chief*
Belwada Madras Railway to
the Consulting Engineer for Railways, Madras, No. *27811*, dated *5th Decr.*
1898.

I have the honour to acknow-
ledge the receipt of Rs 32/- sent with your
letter N° 3288 dated 2^d December 1898.