GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

No.98/W1/Genl/0/30-Pt.  
New Delhi, Dated 13.08.08.

The General Managers,  
All Indian Railways.

Joint Engineering & S&T Circular

Sub: Standardization of service buildings for S&T requirement.

1. In the estimates for new line, gauge conversion & doubling projects being submitted to Railway Board, area of service buildings proposed by Railways for S&T at a block section are varying. In order to standardize and keep it to bare minimum the requirement of buildings for S&T have been reviewed. Separate rooms for Axle counters, data loggers and telecom room for quad cable communication (except for OFC) are not considered necessary.

2. It has been decided that following rooms for S&T requirement be provided:-
   a) Stations having ASM room:-
      - Relay cum Axle counter room (7.1 x 4.6m).
      - IPS & Datalogger Equipment room (3.7x4.6m).
      - Battery room (3x4.6m).
      - DG cum solar room (3.7x4.6m).
      - Panel may be kept in the ASM room.
      Total area to be constructed is 79.7 sqm.
   b) In case ASM room does not exist (NL projects) or is not usable, a new ASM/Panel room (6.1x4.6m) may be constructed. Total area including ASM room is 107.6 sqm.
   c) In case the work involves provision of OFC system, an OFC room (3.6x4.6m) may also be constructed for housing OFC equipments.

3. A typical building plan for S&T requirement at ¾ line stations is enclosed as annexure. It is also desirable that above buildings may be constructed away from PF area to ensure obstruction free movement of the passengers.

4. While framing estimates of Railways projects, above guidelines should be strictly followed.

This issues with the approval of Board (ME & ML).

(R.L. Gupta)
Executive Director/Signal

(P. K. Sanghi)
Executive Director/Works

DA: As above.  
Copy to: CAO/Cs & CSTEa, PCEs All Indian Railways.
NOTE:
(i) PANEL IS PROPOSED TO BE KEPT IN THE ASM ROOM IF EXISTING, OTHERWISE NEW ASM/PANEL ROOM OF SIZE 6.1m X 4.6m MAY BE PROVIDED.
(ii) IF THE WORK INVOLVES PROVISION OF OFC SYSTEM, A ROOM OF SIZE 3.6m X 4.6m MAY BE ADDITIONALLY PROVIDED TO HOUSE THE OFC EQUIPMENT.
(iii) THE ABOVE BUILDING SHALL BE CONSTRUCTED AWAY FROM PLATFORM SPACE SO AS NOT TO OBSTRUCT PASSENGER MOVEMENT.
(iv) SLABS ON THE WALLS OF BATTERY ROOM TO BE PROVIDED AS SHOWN.
(v) ALL DIMENSIONS ARE IN METERS.

TYPICAL BUILDING PLAN FOR SIG. EQUIPMENT
FOR 3/4 LINE CENTRAL P. I. STATION

D.R.G. NOT TO SCALE