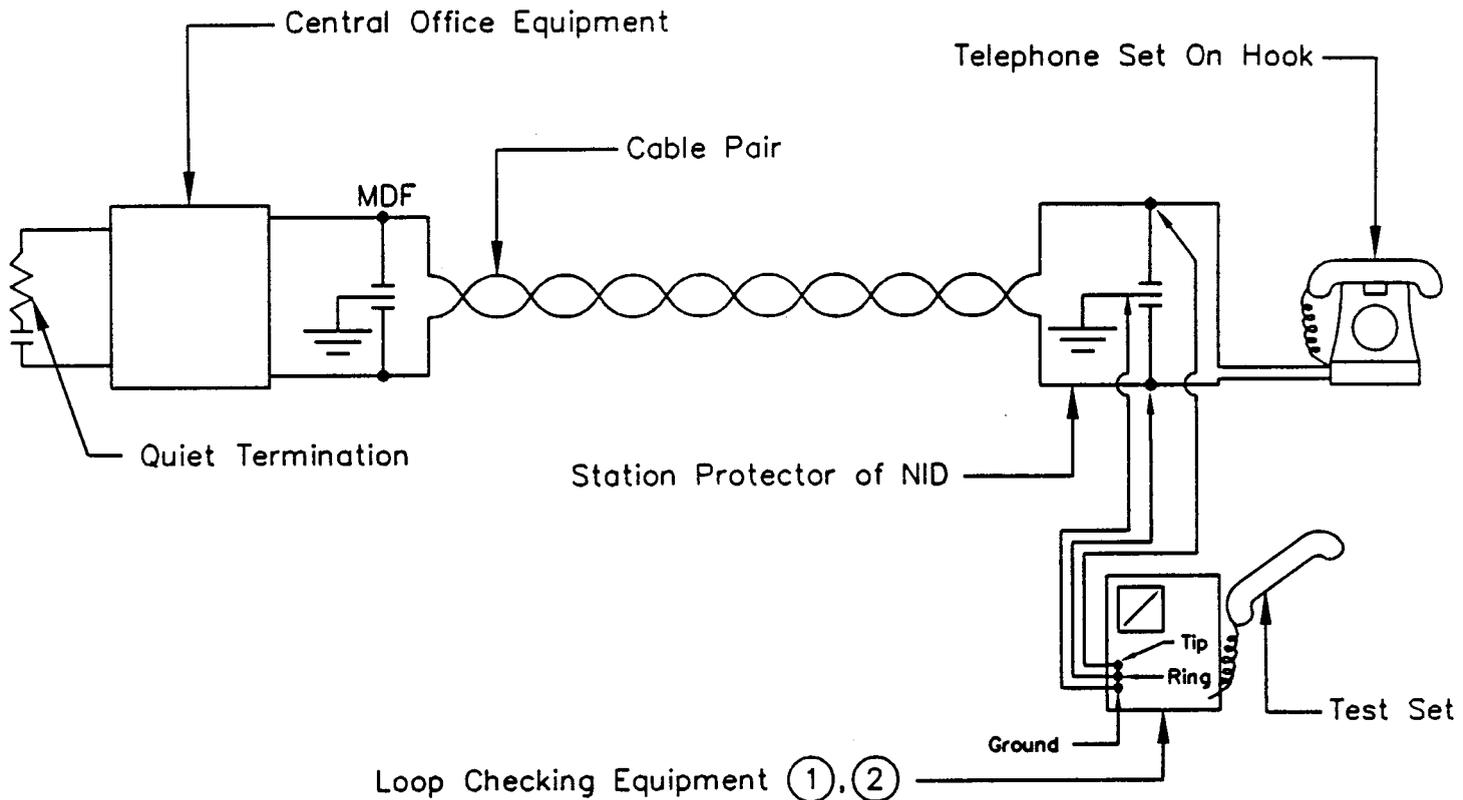


FIGURE 7

NOISE MEASUREMENT AT SUBSCRIBER LOCATION USING LOOP CHECKING EQUIPMENT



Calibration

1. Before leaving CO connect Loop Checking equipment to idle line at MDF (no outside plant attached).
 - A. Dial number of Quiet Termination.
 - B. Read and record Circuit Noise in dBrc.

Note:

- ①. N.E.C.-125, N.E.C.-37B, Wilcom-136, Wilcom-336, Wilcom-337, or equivalent.
- ②. Do not leave test equipment connected and exposed to ringing voltage of incoming call. Ringing voltage could damage test equipment.

Measurement Procedure

1. Connect Loop Checking equipment at subscriber's NID as shown.
2. Dial number of Quiet Termination in central office.
3. Switch test set to Circuit Noise (NM) mode.
4. Read and record Circuit Noise value in dBrc.
5. Switch test set to Power Influence (PI) mode.
6. Read and record Power Influence value in dBrc.
7. Compute and record apparent Balance (Balance = PI - NM).
8. Disconnect leads of test equipment from NID when tests are completed.