(12) *Cable tags.* Cables shall be identified by a tag indicating the cable manufacturer's name, cable size, date of placement, and generic route information. Information susceptible to changes caused by future cable throws and rearrangements should not be included. Tags on load coil stubs shall include the serial number of the coil case, the manufacturer's name, and the inductance value.

(13) Screened cable. Screened PIC cable is spliced in the same manner as nonscreened PIC cable. However, special considerations are necessary due to differences in the cable design. The transmit and receive bundles of the cable shall be separated and one of the bundles shall be wrapped with shielding material in accordance with the cable manufacturer's recommendations. When acceptable to the cable manufacturer, it is permissible to use either the scrap screening tape removed from the cable during the sheath opening process provided the screening tape is edge coated or new pressure sensitive aluminum foil tape over polyethylene tape.

(14) Service wire connections. (i) Buried service wires may be spliced directly to cable conductors inside pedestals using the same techniques required for branch cables. Buried service wires may also be terminated on terminal blocks inside pedestals in areas where high service order activity or fixed count cable administration policies require terminal blocks. However, only RUS accepted terminal blocks equipped with grease or gel filled terminations to provide moisture and corrosion resistance shall be used.

(ii) Only filled terminal blocks having RUS acceptance shall be used on aerial service wire connections.

(15) *Copper cable testing.* Copper cable testing shall be performed in accordance with RUS Bulletin 345–63, "RUS Standard for Acceptance Tests and Measurements of Telephone Plant," PC–4, (Incorporated by reference at § 1755.97).

(16) *Cable acceptance.* Installed cable shall be tested and pass the inventory and acceptance testing specified in the Telephone System Construction Contract (Labor and Materials), RUS Form 515. The tests and inspections shall be witnessed by the borrower's resident project representative. All conductors shall be free from grounds, shorts, crosses, splits, and opens.

(d) Splice arrangements for copper cables—(1) Service distribution closures.
(i) Ready access closures permit cable splicing activities and the installation of filled terminal blocks for service wire connections in the same closure. Ready

access designs shall allow service technicians direct access to the cable core as well as the terminal block.

(ii) Fixed count terminals shall restrict service technician access to the cable core. Predetermined cable pairs shall be spliced to the terminal leads or stub cable in advance of service assignments.

(2) Aerial splices. Aerial splice cases accommodate straight splices, branch splices, load coils, and service distribution terminals. Aerial splicing arrangements having more than 4 cables spliced in the same splice case are not recommended. Stub cabling to a second splice case to avoid a congested splice is acceptable.

(3) *Buried splices.* (i) Direct buried splice cases accommodate straight splices, branch splices, and load coils. Direct buried splices shall be filled and shall be used only when above ground splicing in pedestals is not practicable.

(ii) A treated plank or equivalent shall be placed 15 cm (6 in.) above the buried splice case to prevent damage to the splice case from future digging. Where a firm base for burying a splice cannot be obtained, a treated plank or equivalent shall be placed beneath the splice case.

(iii) Each buried splice shall be identified for future locating. One method of marking the splice point is the use of a warning sign. Another method is the burying of an electronic locating device.

(4) *BD*-type pedestals. (i) BD-type pedestals are housings primarily intended to house, organize, and protect cable terminations incorporating splice connectors, ground lugs, and load coils. Activities typically performed in pedestals are cable splicing, shield bonding and grounding, loading, and connection of subscriber service drops.

(ii) The recommended splice capacities for BD-type pedestals are shown in Table 5. However, larger size pedestals are permissible if service requirements dictate their usefulness. Table 5 is as follows:

TABLE 5.—SPLICE CAPACITIES FOR BD-TYPE PEDESTALS

Pedestal type	Maximum straight splice maxi- mum load splice pair capacity using single pair connec- tors or mul- tiple pair splice mod- ules	Maximum load splice pair capac- ity using single pair connectors or multiple pair splice modules (see note 1)
BD3. BD3A	100 Pair	50 Pair.

TABLE 5.—SPLICE CAPACITIES FOR BD-TYPE PEDESTALS—Continued

Pedestal type	Maximum straight splice maxi- mum load splice pair capacity using single pair connec- tors or mul- tiple pair splice mod- ules	Maximum load splice pair capac- ity using single pair connectors or multiple pair splice modules (see note 1)
BD4, BD4A	200 Pair	100 Pair.
BD5, BD5A	600 Pair	300 Pair.
BD7	1200 Pair	600 Pair.
BD14, BD14A	100 Pair	50 Pair.
BD15, BD15A	400 Pair	200 Pair.
BD16, BD16A	600 Pair	300 Pair.

Note 1: This table refers to load coil cases that are to be direct buried with stub cables extending into the pedestal for splicing. Requirements involving individual coil arrangements inside the pedestal should be engineered on a case-by-case basis.

(iii) Special distribution pedestals having a divider plate for mounting filled terminal blocks are available. Distribution pedestals are also equipped with service wire channels for installation of buried service wires without disturbing the cabling and gravel inside the base of the pedestal. Distribution pedestals are recommended in locations where the connection of service wires is required.

(5) Large pair count splice housings. Large pair count splice housings are recommended for areas not suitable for man- holes. The recommended capacities are shown in Table 6:

TABLE 6.—SPLICE CAPACITIES FOR LARGE COUNT HOUSINGS

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(6) Pedestal restricted access inserts. Restricted access inserts may be used to protect splices susceptible to unnecessary handling where subsequent work activities are required or expected to occur after splices have been completed. Restricted access inserts also provide moisture protection in areas susceptible to temporary flooding. A