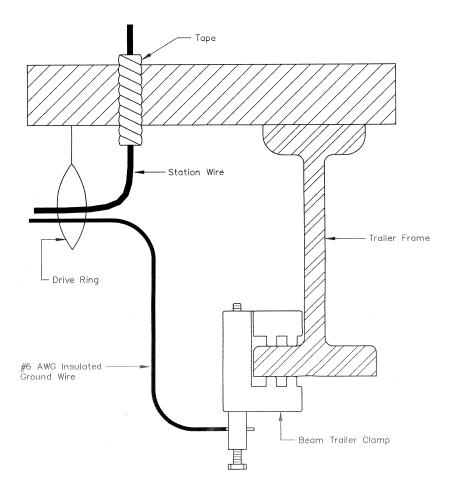
FIGURE 20 MOBILE HOME INSTALLATION



 $[66~{\rm FR}~43317,~{\rm Aug.}~17,~2001,~{\rm as~amended~at}~69~{\rm FR}~18803,~{\rm Apr.}~9,~2004]$ 

# § 1755.510 Construction and assembly unit drawings.

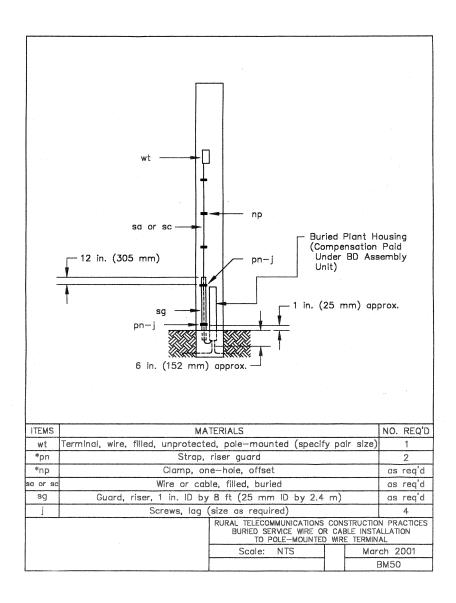
(a) The construction and assembly unit drawings in this section shall be used by borrowers to assist the installer in making the customer access location installations.

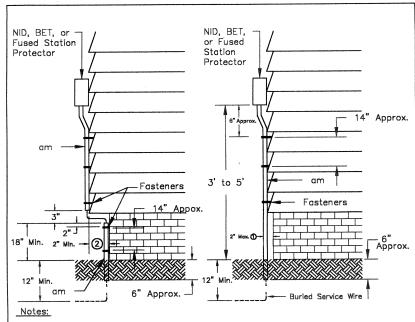
(b) The asterisks appearing on the construction drawings indicate that the items are no longer listed in the RUS Informational Publication (IP) 344-2, "List of Materials Acceptable for Use on Telecommunications Systems of RUS Borrowers." RUS IP 344-2 can

#### Rural Utilities Service, USDA

be obtained from the Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA 15250-7954, telephone number (202) 512-1800.

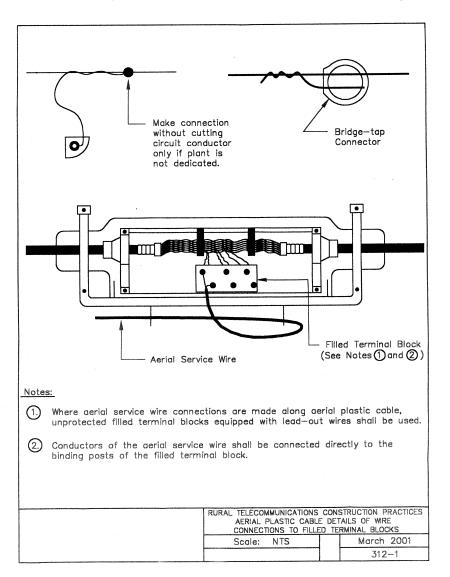
(c) Drawings BM50, BM83, 312–1, 501–1, 501–2, 503–2, 504, 505, 506, 507, 508–1, 510, 510–1, 510–2, 513, 815, 815–1, 958, and 962 are as follows:

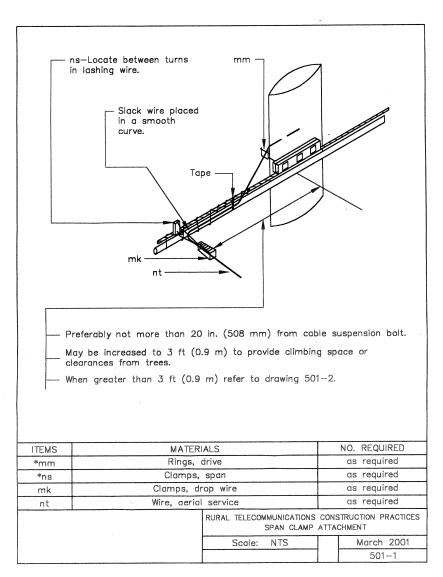


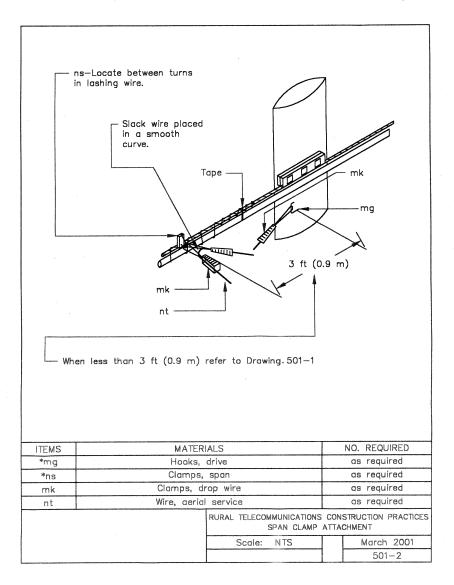


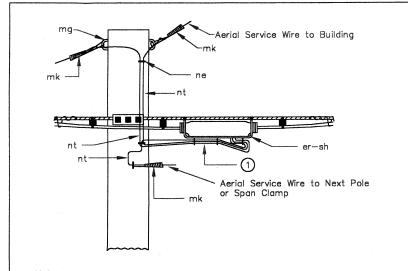
- (1) Where an obstruction of less than 2 in. is encountered, the buried service guard (item am) shall extend from the NID, BET, or fused protector to 6 in. below the ground.
- Where an obstruction of greater than 2 in. is encountered, the buried service guard (item am) shall be divided as shown (from the NID, BET, or fused protector to the obstruction, and from 3 in. below the obstruction to 6 in. below the ground). In lieu of divided service guards (item am), a continuous flexible conduit may be used from the NID, BET, or fused protector to 6 in. below the ground.
- $\begin{tabular}{ll} \begin{tabular}{ll} \beg$

ITEM	MATERIAL		NO. REQ'D	
am	Guard, buried service (including fasteners)			. 1
		RURAL TELECOMMUNICATIONS BURIED SERV		1
		Scale: NTS		March 2001
			lΓ	BM83









# Note:

(1) Install aerial service wiring through all rings on bottom of terminal housing. Turn wire back around last ring to assigned pair. Form wire loosely to avoid sharp bends.

ITEMS	MATERIALS	NO. REQUIRED
*mg	Hooks, drive	as required
*ne	Rings, bridle	as required
er	Enclosures, ready—access	
sh	Blocks, filled, terminal, unprotected	- www
nt	Wire, aerial service	as required
mk	Clamps, drop wire	as required

RURAL TELECOMMUNICATIONS CONSTRUCTION PRACTICES SERVICE WIRE CONNECTIONS TO AERIAL CABLE

Scale: NTS March 2001 503-2

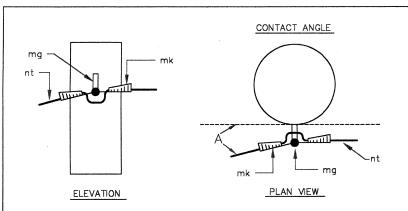


FIGURE A: Aerial service wires whose contact angle (A) exceeds five degrees and/or whose adjacent span lengths are different by 25 percent or more.

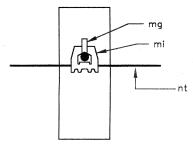
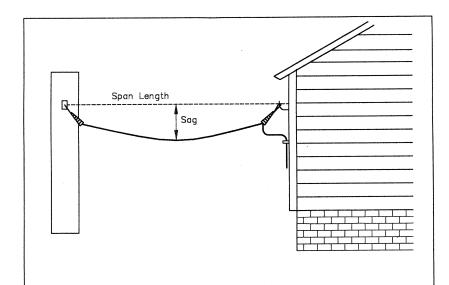


FIGURE B: Aerial service wires whose contact angle (A) is less than five degrees and/or whose adjacent span lengths are different by less than 25 percent.

ITEMS	MATERIALS	NO. REQUIRED
*mg	Hooks, drive	as required
nt	Wire, aerial service	as required
mk	Clamps, drop wire	as required
*mi	Support, drop wire	as required

RURAL TELECOMMUNICATIONS CONSTRUCTION PRACTICES SERVICE WIRE ATTACHMENT AT INTERMEDIATE POLE

Scale: NTS March 2001
504



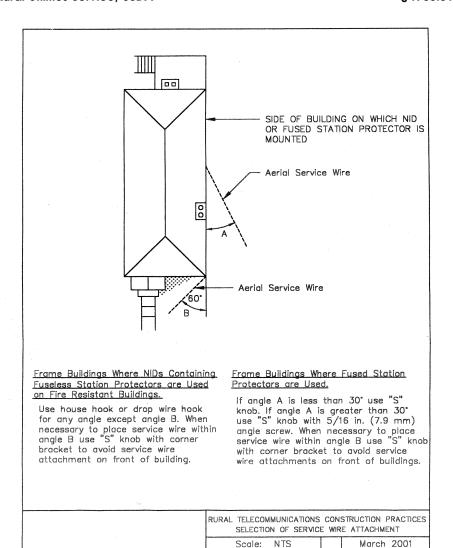
MINIMUM STRINGING SAG - COPPER COVERED STEEL REINFORCED (CCSR) and NONMETALLIC REINFORCED (NMR) AERIAL SERVICE WIRES

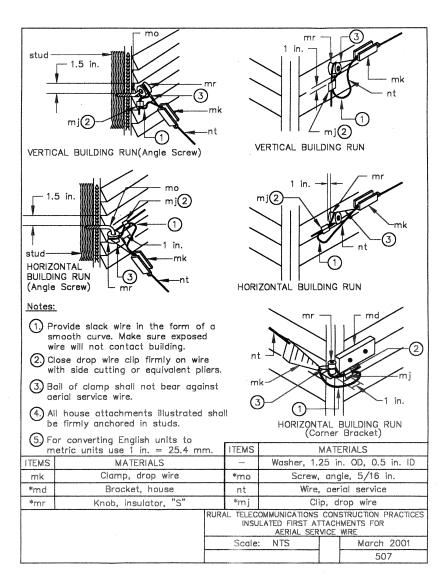
SPAN LENGTH ft (m)	SAG-MEDIUM AND LIGHT LOADING DISTRICTS	SAG-HEAVY LOADING DISTRICT
100 (30.5) OR LESS	20 in. (510 mm)	20 in. (510 mm)
125 (38)	34 in. (860 mm)	34 in. (860 mm)
150 (46)	4 ft (1.2 m)	4 ft (1.2 m)
175 (53)	5,5 ft (1.7 m)	7 ft (2.1 m)
200 (61)	7 ft (2.1 m)	11 ft (3.4 m)
225 (66.5)	9 ft (2.7 m)	
250 (76)	11 ft (3.4 m)	

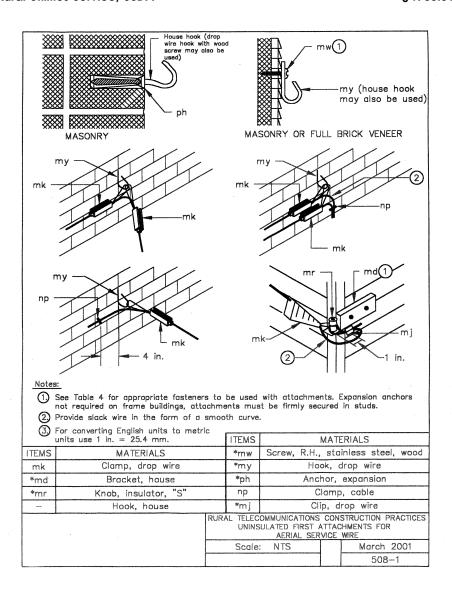
Note: To reduce vibration and dancing, service wire shall be twisted one complete turn for each 10 ft (3 m) of span length at the time installation.

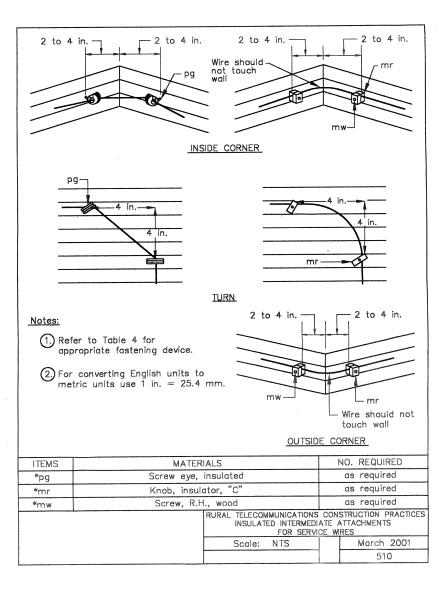
RURAL TELECOMMUNICATIONS AERIAL SERVICE			
Scale: NTS		March 2001	
	1	505	

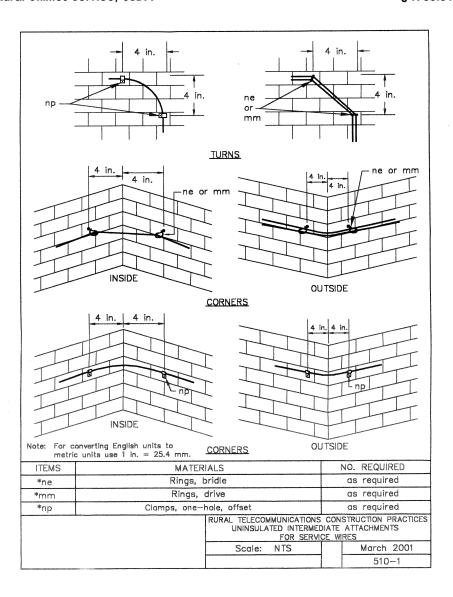
506

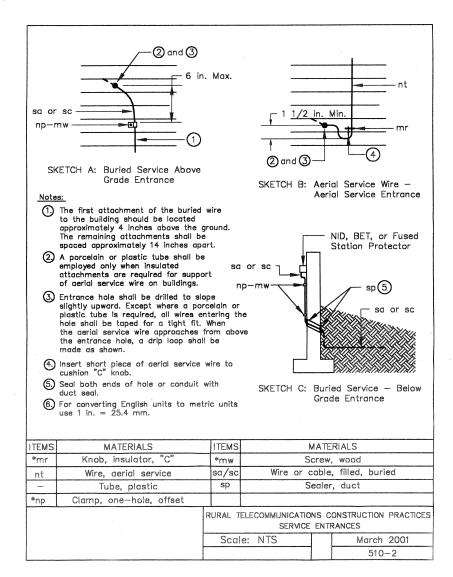


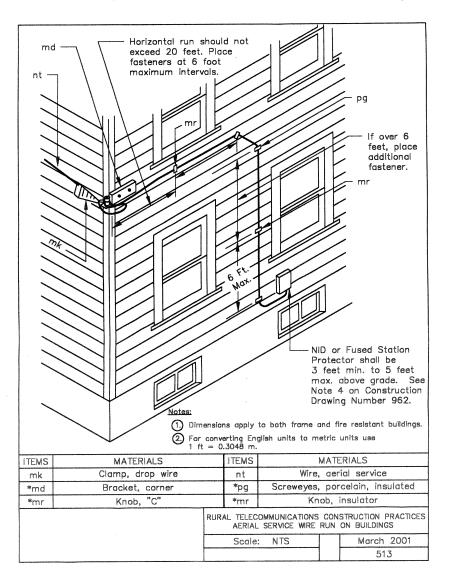


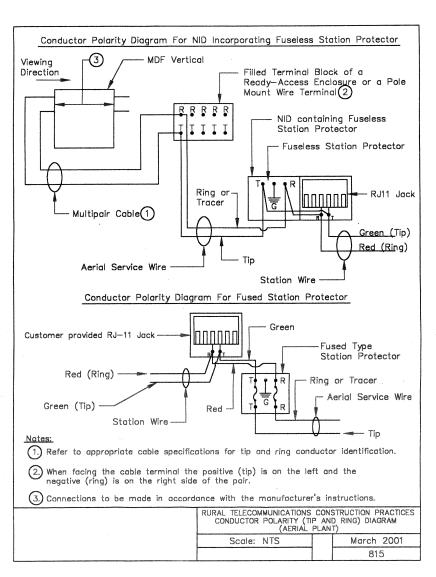


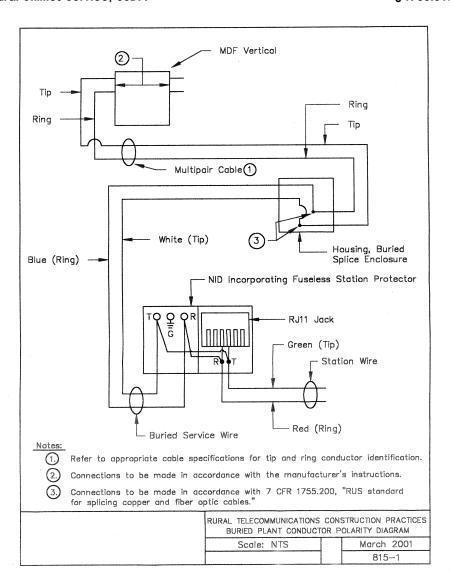


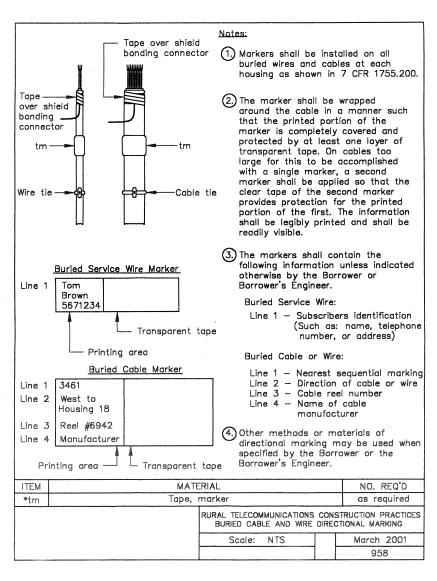


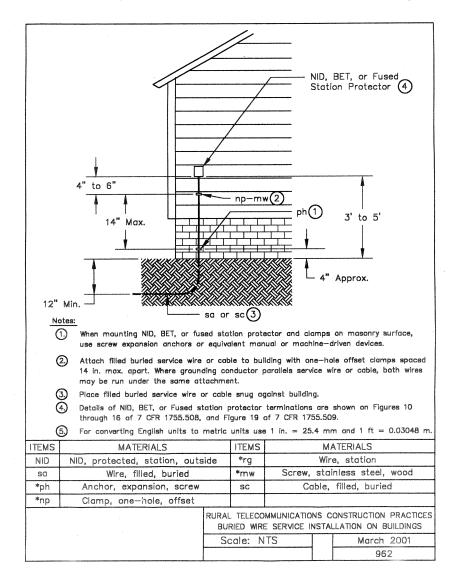












[66 FR 43327, Aug. 17, 2001]

#### §§ 1755.511-1755.521 [Reserved]

#### § 1755.522 RUS general specification for digital, stored program controlled central office equipment.

(a) General. (1) This section covers general requirements for a digital tele-

phone central office switching system, which is fully electronic and controlled by stored program processors. A digital switching system transfers information which is digitally encoded from any input port to a temporarily addressed exit port. The information may enter