

## Rural Utilities Service, USDA

## § 1755.502

Specifications and Drawings for Service Installations at Customer Access Locations, and applicable portions of the ANSI/NFPA 70-1999, *NEC*®, and ANSI/IEEE C2-1997, *NESC*. Copies of RUS Bulletins 1751F-805 and 1753F-153 are available upon request from RUS/USDA, 1400 Independence Avenue, SW., STOP 1522, Washington, DC 20250-1522, FAX (202) 720-4120.

*Recreational vehicle.* As defined in the ANSI/NFPA 70-1999, *NEC*®: A vehicular-type unit primarily designed as temporary living quarters for recreational, camping, or travel use, which either has its own motive power or is mounted on or drawn by another vehicle. The basic entities are: travel trailer, camping trailer, truck camper, and motor home. (Reprinted with permission from NFPA 70-1999, the *National Electrical Code*®, Copyright© 1998, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.)

*RUS Rural Utilities Service.*

*RUS accepted (material and equipment).* Equipment which RUS has reviewed and determined that:

(1) Final assembly or manufacture of the equipment is completed in the United States, its territories and possessions, or in an eligible country;

(2) The cost of components within the material or equipment manufactured in the United States, its territories and possessions, or in an eligible country is more than 50 percent of the total cost of all components used in the material or equipment; and

(3) The material or equipment is suitable for use on systems of RUS telecommunications borrowers.

*RUS technically accepted (material and equipment).* Equipment which RUS has reviewed and determined that the material or equipment is suitable for use on systems of RUS telecommunications borrowers but the material or equipment does not satisfy both paragraphs (1) and (2) of this definition:

(1) Final assembly or manufacture of the equipment is not completed in the United States, its territories and possessions, or in an eligible country; and

(2) The cost of components within the material or equipment manufactured in the United States, its territories and possessions, or in an eligible country is 50 percent or less than the total cost of all components used in the material or equipment.

*SEA.* Service entrance aerial.

*SEB.* Service entrance buried.

*Travel trailer.* As defined in the ANSI/NFPA 70-1999, *NEC*®: A vehicular unit, mounted on wheels, designed to provide temporary living quarters for recreational, camping, or travel use, of such size and weight as not to require special highway movement permits when towed by a motorized vehicle, and of gross trailer area less than 320 square feet (29.7 square meters). (Reprinted with permission from NFPA 70-1999, the *National Electrical Code*®, Copyright© 1998, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.)

*Truck camper.* As defined in the ANSI/NFPA 70-1999, *NEC*®: A portable unit constructed to provide temporary living quarters for recreational, travel or camping use, consisting of a roof, floor, and sides, designed to be loaded onto and unloaded from the bed of a pick-up truck. (Reprinted with permission from NFPA 70-1999, the *National Electrical Code*®, Copyright© 1998, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.)

[66 FR 43317, Aug. 17, 2001]

### § 1755.502 Scope.

(a) Sections 1755.503 through 1755.510 cover approved methods of making service installations at customer access locations in telecommunications systems of RUS borrowers.

(b) Requirements in §§ 1755.503 through 1755.510 cover facilities of the type described in the FCC rules in 47

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CFR part 68 for one and multi-party customer owned premises wiring.

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### § 1755.503 General.

(a) For the purposes of this section and §§1755.504 through 1755.510, a NID shall be as defined in §1755.501 and shall contain both a fuseless primary station protector and a modular plug and jack for each conductor pair, up to a maximum of 11 pairs, and shall be provided by the telecommunications company and used by customers.

(b) For the purposes of this section and §§1755.504 through 1755.510, BET shall be as defined in §1755.501 and shall contain both primary station protectors and connector terminals for each conductor pair, of 12 or more pairs, and shall be provided by the telecommunications company and used by customers. The primary station protectors may be either fuseless or fused.

(c) The requirements provided in this section and §§1755.504 through 1755.510 have been designed to coordinate with the provisions of the ANSI/NFPA 70-1999, *NEC*®, and the American National Standards Institute/Institute of Electrical and Electronics Engineers, Inc. (ANSI/IEEE) C2-1997, National Electrical Safety Code (NESC). The *National Electrical Code*® and *NEC*® are registered trademarks of the National Fire Protection Association, Inc., Quincy, MA 02269. The ANSI/NFPA 70-1999, *NEC*®, and the ANSI/IEEE C2-1997, NESC, are incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of ANSI/NFPA 70-1999, *NEC*®, are available from NFPA, 1 Batterymarch Park, P.O. Box 9101, Quincy, Massachusetts 02269-9101, telephone number 1 (800) 344-3555. Copies of ANSI/IEEE C2-1997, NESC, are available from IEEE Service Center, 455 Hoes Lane, Piscataway, New Jersey 08854, telephone number 1 (800) 678-4333. Copies of the ANSI/NFPA 70-1999, *NEC*®, and the ANSI/IEEE C2-1997, NESC, are available for inspection during normal business hours at RUS, room 2905, U.S. Department of Agriculture, 1400 Independence Avenue, SW., STOP 1598, Washington, DC 20250-1598 or at the Office of the Federal Register, 800 North Capitol Street, NW., Suite 700, Washington, DC. Most state

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and local authorities require that utility construction comply with either the ANSI/NFPA 70-1999, *NEC*®, and ANSI/IEEE C2-1997, NESC, or some earlier editions of the ANSI/NFPA 70, *NEC*®, and ANSI/IEEE C2, NESC. Some authorities have their own more stringent codes which may or may not be embellishments of the ANSI/NFPA 70, *NEC*®, and ANSI/IEEE C2, NESC.

(d) RUS borrowers shall make certain that all construction financed with RUS loan funds comply with:

(1) The provisions of this section and §§1755.504 through 1755.510 and the ANSI/NFPA 70-1999, *NEC*®, and ANSI/IEEE C2-1997, NESC codes, or any more stringent local codes; or

(2) The provisions of this section and §§1755.504 through 1755.510 with borrower added adjustments to bring construction into compliance with any more stringent local codes.

(e) This section and §§1755.504 through 1755.510 are intended primarily for the installer who will perform the work. It assumes that decisions regarding the selection of grounding electrodes, locations, and types of equipment have been made by the RUS borrower or the engineer delegated by the RUS borrower.

(f) Only a *qualified installer* as defined in §1755.501 shall be assigned to make installations without advance planning and without direct supervision.

(g) This section and §§1755.504 through 1755.509 contain information which is normally not provided on the construction drawings which are included in §1755.510.

(h) All work shall be conducted in a careful and professional manner. Service wire and cable shall not be trampled on, run over by vehicles, pulled over or around abrasive objects or otherwise subjected to abuse.

(i) When situations not covered by this section and §§1755.504 through 1755.510 arise, the RUS borrower or the engineer delegated by the borrower, shall specify the installation procedure to be used. The requirements of paragraph (j) of this section shall be complied with in every installation.

(j) NIDs, BETs, and fused primary station protectors shall be installed and grounded to meet the requirements of the ANSI/NFPA 70-1999, *NEC*®, or