

APPENDIX B

TRAVEL TRAILERS AND TRAVEL TRAILER PARKS

(APPENDIX B IS A REQUIREMENT OF THIS CODE)

B101 GENERAL

With the exception of Section B112, the requirements set forth in this appendix shall apply specifically to all new travel trailer parks, and to additions to existing parks as herein defined, and are to provide minimum standards for sanitation and plumbing installation within these parks, for the accommodations, use and parking of travel trailers. Plumbing installations in travel trailers shall be installed in accordance with ANSI A119.2, Part I.

B102 DEFINITIONS

Definitions contained in Chapter 2 shall also apply to this appendix except where the following special definitions shall apply.

AIR LOCK - a condition where air is trapped in a drain or drain hose and retards or stops the flow of liquid waste or sewage.

CENTER - of a mobile/manufactured home or travel trailer is the longitudinal center line located midway between the right and the left side.

COMBINATION COMPARTMENT - a shower stall with or without a door which provides for or includes a water closet. It is sized for occupancy of only one person.

DEPARTMENT HAVING JURISDICTION - the administrative authority or other law enforcement agency having jurisdiction over this regulation.

DEPENDENT TRAVEL TRAILER - a trailer coach not equipped with a water closet.

DRAIN HOSE - the approved type hose, flexible and easily detachable, used for connecting the drain outlet to a sewer inlet connection.

DRAIN OUTLET - the lowest end of the main drain to which the terminal end of the drain hose is connected.

INDEPENDENT MOBILE/MANUFACTURED HOME OR TRAVEL TRAILER - one equipped with a water closet and a bath or shower.

INLET COUPLING - the terminal end of the water system to which the water service connection is made. It may be a swivel fitting or threaded pipe end.

INTERMEDIATE WASTE HOLDING TANK - (travel trailers only) an enclosed tank for the temporary retention of water-borne waste.

LENGTH - the distance measured from the tip of the hitch to the part farthest to the rear of a mobile/manufactured home or travel trailer.

MOBILE/MANUFACTURED HOME OR TRAVEL TRAILER PARK - any lot, tract, parcel or plot of land upon which more than one travel trailer and/or mobile/manufactured homes are parked for the temporary or permanent use of a person or persons for living, working or congregating.

PARK DRAINAGE SYSTEM - the entire system of drainage piping used to convey sewage or other wastes from the mobile/manufactured home or travel trailer drain outlet connection, at its connection to the mobile/manufactured home or travel trailer site, to a public sewer or private sewage disposal system.

PARK WATER SUPPLY SYSTEM - all of the water supply piping within the park, extending from the main public supply or other source of supply to, but not including, the mobile/manufactured home or travel trailer service system, and including branch service lines, fixture devices, service buildings and appurtenances thereto.

SERVICE BUILDING - a building housing toilet and bathing facilities for men and women, with laundry facilities.

SEWER LATERAL - that portion of the park drainage system extending to a mobile/manufactured home or travel trailer site.

TRAILER TRAP - a device, fitting or assembly of fittings installed in the sewer lateral for a travel trailer or mobile/manufactured home which is used to prevent the circulation of air between the park drainage system and the drainage system of the individual travel trailer or mobile/manufactured home.

TRAVEL TRAILER - a vehicular, portable structure built on a chassis, designed to be used as a temporary dwelling for travel, recreational and vacation uses, permanently identified "Travel Trailer" by the manufacturer on the trailer and when factory equipped for the road, having a body width not exceeding 8 ft (2438 mm) and being of any length provided its gross weight does not exceed 4,500 lb (2041 kg), or being of any weight provided its overall length does not exceed 29 ft (8839 mm).

TRAVEL TRAILER SANITARY SERVICE STATION - a sewage inlet with cover, surrounded by a concrete apron sloped inward to the drain, and watering facilities to permit periodic washdown of the immediately adjacent area, to be used as a disposal point for the contents of intermediate waste holding tanks of travel trailers.

B103 GENERAL REGULATIONS

B 103.1 Governing Provisions

The general provisions of the Louisiana State Plumbing Code shall govern the installation of plumbing systems in travel trailer parks, except where special conditions or construction are specifically defined in this appendix.

B103.2 Travel Trailer Sites

B103.2.1 Travel trailers shall not hereafter be parked in any travel trailer park unless there are provided plumbing and sanitation facilities installed and maintained in conformity with these regulations. Every travel trailer shall provide a gastight and watertight connection for sewage disposal which shall be connected to an underground sewage collection system discharging into a public or private disposal system.

B103.2.2 No dependent travel trailer shall be parked at any time in a space designed and designated for an independent travel trailer unless public toilet and bath facilities are available within 200 ft (61 m) of the dependent travel trailer.

B103.3 Travel Trailer Sanitary Service Station

At least one travel trailer sanitary service station shall be provided in all travel trailer parks that accept any travel trailers having an intermediate waste holding tank.

B104 PLANS AND SPECIFICATIONS

The owner or operator of every travel trailer park, before providing areas of space for the use and accommodation of travel trailers, shall make application for a permit (where such permit is required by state, parish, city or other local laws or ordinances) or, regardless of whether or not an actual permit is required, shall file two sets of plans and specifications with the department(s) having jurisdiction for their review and approval. The plans and specifications shall be in detail as follows:

1. A scaled plot plan of the park, indicating the spaces, area or portion of the park for the parking of travel trailers.
2. Size, location and specification of the park drainage system.
3. Size, location and specification of water supply lines.
4. Size, location and layout of service building. (See B105.)
5. Size, location, specification and layout of the fire protection system, if applicable.
6. A scaled layout of typical trailer sites.
7. Applications/submittals shall bear the approval of the local enforcement agencies as to compliance with city or parish plumbing, zoning and health ordinances.
8. Plumbing required by this article shall comply with all city, parish and state plumbing and health ordinances and regulations.
9. The issuance of a permit (or an approval of a submittal) shall not constitute approval of any

violation of this article or of any city or parish ordinance or regulation.

10. An approved set of plans and specifications and a copy of the permit (or written approval of a submittal) shall be kept on the park premises until the final inspection has been made.

B105 SERVICE BUILDINGS

B105.1 Minimum Facilities

B105.1.1 Each travel trailer park shall have at least one service building to provide necessary sanitation and laundry facilities. Those parks serving independent travel trailers need provide only minimum facilities. ★

B105.1.2 The service building shall be of permanent construction with an interior finish of moisture resistant material which will stand frequent washing and cleaning and the building shall be well-lighted and ventilated at all times.

B105.2 Independent Trailers

The service buildings of only independent travel trailer parks shall have a minimum of one water closet, one lavatory, one shower or bathtub for females and one water closet, one lavatory, and one shower or bathtub for males. In addition, at least one laundry tray and one drinking fountain located in a common area shall be provided.

B105.3 Dependent Trailers

The service buildings in parks that also accommodate dependent travel trailers shall have a minimum of two water closets, one lavatory, one shower or bathtub for females, and one water closet, one lavatory, one urinal, and one shower or bathtub for males. In addition, at least one laundry tray and one drinking fountain located in a common area shall be provided. The above facilities are for a maximum of ten dependent travel trailers. For every ten additional dependent travel trailers (or any fraction thereof) the following additional fixtures shall be provided: One laundry tray, one shower or bathtub for each sex, and one water closet for females. Also, one additional water closet for males shall be provided for every 15 additional dependent travel trailers (or any fraction thereof).

B105.4 Water Supply for Fixtures

B105.4.1 Hot and cold water shall be provided for all fixtures except water closets.

B105.4.2 Each water closet, tub and shower shall be in separate compartments, with self-closing doors on all water closet compartments. The shower stall shall be a minimum of 3 x 3 ft (914 x 914 mm) in area, with a dressing compartment with a stool or bench for females. ★

B105.4.3 The laundry trays and washing machines shall be contained in a room separate from the toilet rooms.

B105.5 Floor Drains

A minimum 2-inch floor drain shall be installed in each toilet room and laundry room (see 409.4.1.1.).

B106 MATERIALS

Unless otherwise provided for in this appendix, all piping fixtures or devices used in the installation of drainage and water supply systems for travel trailer parks, or parts thereof, shall conform to the quality and weights of materials required by the Louisiana State Plumbing Code.

B107 GENERAL REGULATIONS

Unless otherwise provided for in this appendix, all plumbing fixtures, piping drains, appurtenances and appliances designed and used in a park drainage, water supply system and service connections shall be installed in conformance with the Louisiana State Plumbing Code.

B108 PARK DRAINAGE SYSTEM

B108.1 The main sewer and sewer laterals shall be installed in a separate trench not less than 5 ft (1524 mm) from the park water service or distribution system. (See 608.3 and 608.4)

B108.2 The minimum size of pipe in any travel trailer park drainage system shall be 4 inches.

B108.3 Each travel trailer shall be considered as six fixture units in determining discharge requirements in the design of park drainage and sewage disposal systems.

B108.4 Minimum grade for sewers shall be so designed that the flow will have a mean velocity of 2 ft per second (0.6096 m/s) when the pipe is flowing half full.

B108.5 The discharge of a park drainage system shall be connected to a public sewer. Where a public sewer is not available, an approved individual or community sewage disposal system shall be installed, of a type that is acceptable and approved by the administrative authority or other law enforcement agency having jurisdiction over this regulation. [See Chapter XIII (Sewage Disposal), State of Louisiana Sanitary Code]

B108.6 Manholes and/or cleanouts shall be provided as required in Chapter 7 of the Louisiana State Plumbing Code. Manholes and/or cleanouts shall be accessible and brought to grade.

B108.7 The main sewer shall be provided with a minimum 4-inch vent, not more than 5 ft (1524 mm) downstream from its upper trap. Long mains shall be provided with additional relief vents at intervals of not more than 200 ft (61 m) thereafter. These relief vents shall be a minimum of 4 inches and shall be securely supported and extended a minimum of 10 ft (3048 mm) above the ground.

B108.8 Branch lines or sewer laterals to individual travel trailers shall be not less than 4-inch diameter.

B108.9 Sewer inlets shall be 4-inch diameter and extend above grade 3 to 6 inches (76 to 152 mm). Each inlet shall be provided with a gas-tight seal when connected to a trailer and have a gas-tight seal plug for use when not in service.

B108.10 Each trailer site shall be provided with a trailer trap. Sewer laterals over 30 ft (9144 mm) from the main park drainage sewer shall be properly vented and provided with a cleanout brought to grade.

B108.11 To provide the shortest possible drain connection between the travel trailer outlet and drain inlet, all drain inlets shall terminate with reference to the site location of the travel trailer.

B108.12 Drain connection shall slope continuously downward and form no traps. All pipe joints and connections shall be installed and maintained gastight and watertight.

B108.13 No sewage, waste water, or any other effluent shall be allowed to be deposited on the surface of the ground.

B108.14 Upon completion and before covering, the park drainage system shall be subjected to a static water test. The water test shall be applied to the drainage system either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly closed, except the highest opening, and the system shall be filled with water to point of overflow. If the system is tested in sections, each opening shall be tightly plugged except the highest opening of the section under test, and each section shall be filled with water, but no section shall be tested with less than a 10 ft head of water (30 kPa). In testing successive sections, at least the upper 10 ft (3048 mm) of the next preceding section shall be tested, so that no joint or pipe in the system shall have been submitted to a test of less than 10 ft head of water (30 kPa). The water shall be kept in the system, or in the portion under test, for at least 15 minutes before inspection starts; the system shall then be tight at all points.

B109 WATER DISTRIBUTION SYSTEM

B109.1 General

Every travel trailer site shall be provided with an individual branch service line delivering safe, pure, and potable water. The outlet of the branch service line shall terminate on the left side of the site of the travel trailer.

B109.2 Minimum Size

Water service lines to each trailer site shall be sized to provide a minimum 8 gpm (0.505 L/s) at the point of connection with the trailer distribution system. All water service lines shall be a minimum of $3/4$ inch.

B109.3 Backflow and Service Shutoff B109.3.1 A minimum of a double check valve assembly backflow preventer shall be installed on the branch service line to each independent trailer at, or near, the trailer service connection. Backflow preventive devices shall be of an approved type certified by a recognized testing agency as to compliance and performance outlined herein. Valves shall be designed and maintained to close driptight at a reduced pressure of not less than 1 nor more than 5 psi (6.9 to 34.5 kPa). Valves must be identified with the manufacturer's name and model number.

B109.3.2 A separate service shutoff valve shall be installed in each branch service line on the supply of the backflow protective device.

B 109.4 Service Connections

The service connection shall be not less than 1/2-inch diameter; no rigid pipe may be used. Flexible metal tubing is permitted. Fittings at either end shall be of a quick disconnect type not requiring any special tools or knowledge to install or remove.

B110 TRAVEL TRAILER CONNECTIONS

B 110.1 Responsibility

When it is evident that there exists, or may exist, a violation of these rules, the owner, operator, lessee, person in charge of the park, or any other person causing a violation shall cause it to be corrected immediately or disconnect the service connection and travel trailer drain connection from the respective park branch service line and sewer lateral.

B 110.2 Drain Connections

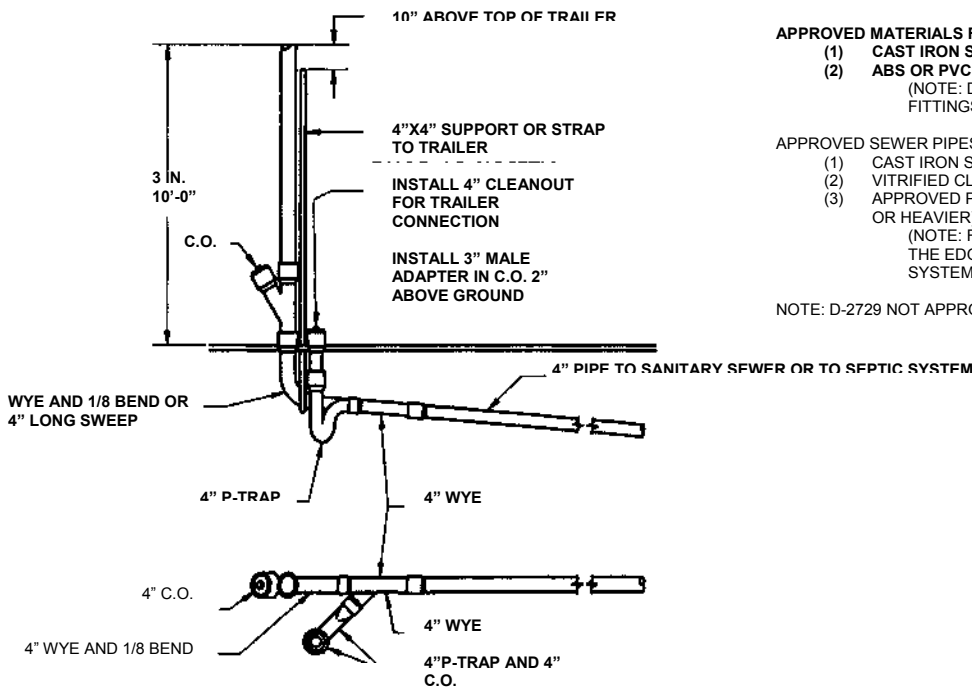
Travel trailer drain connections shall be of approved semirigid or flexible reinforced hose having smooth interior surfaces of not less than 3 inches inside diameter. Drain connections shall be equipped with a standard quick disconnect screw or clamp type fitting, not less in size than the outlet. Drain connections shall be gastight and no longer than necessary to make the connection between the travel trailer outlet and the trap inlet on the site.

BILL MAINTENANCE

All devices or safeguards required by this appendix shall be maintained in good working order by the owner, operator, or lessee of the travel trailer park or his designated agent.

B 112 INDIVIDUAL TRAVEL TRAILERS

Individual travel trailers located within previously constructed travel trailer parks shall be provided with a trailer trap in accord with 1003.5.



APPROVED MATERIALS FOR TRAP AND VENT

- (1) CAST IRON SEWER PIPE
- (2) ABS OR PVC PLASTIC PIPE AND FITTINGS SCH. 40
(NOTE: DO NOT MIX ABS AND PVC PIPE AND/OR FITTINGS.)

APPROVED SEWER PIPES:

- (1) CAST IRON SEWER PIPE
- (2) VITRIFIED CLAY SEWER PIPE
- (3) APPROVED PLASTIC PIPE AND FITTINGS (MIN. SDR 35 OR HEAVIER)
(NOTE: FROM A POINT AT LEAST 3 FEET OUTSIDE THE EDGE OF THE TRAILER TO SEWAGE SYSTEM.)

NOTE: D-2729 NOT APPROVED FOR ANY PART OF THE SYSTEM