

INDIANA STATE DEPARTMENT OF HEALTH
RECREATIONAL CAMPGROUND SPECIFICATIONS

The following specifications must be incorporated into certified plans and submitted to the Environmental Public Health Division:

- ____ 1. Recreational campgrounds must conform to the provisions of Rule 410 IAC 6-7.1. This Rule, and other helpful resources pertaining to campground construction, can be found at: <http://www.in.gov/isdh/23282.htm>
 - a. Provide a plat of the campground showing each designated campsite, all buildings, campsites, water supply wells, sanitary dumping stations, roads, sewers, water lines, and septic tank –absorption fields. Distinguish which sites are dependent, independent and tent campsites.
 - b. Where a public water supply is available within a reasonable distance from the campground, it shall be used exclusively to provide potable water.
 - c. Where a public sewage disposal facility is available within a reasonable distance from the campground, it shall be used exclusively for such disposal.
- ____ 2. Any building or structure intended to be or is occupied or otherwise used by the public (offices, sanitary facilities, community buildings, camp store, shower house, or pool house) is a Class 1 structure as defined in 675 IAC 12 and requires a design release. Provide a copy of the design release issued by the Indiana Department of Homeland Security Fire & Building Safety/Services for all Class 1 buildings or structures in the campground.
- ____ 3. Sanitary vault toilets shall meet all the requirements of [ISDH Bulletin S.E. 11](#).
- ____ 4. Campsites with individual sanitary sewer and potable water connections are identified as independent sites. Such campsites do not require comfort stations or sanitary dump stations.
 - a. Independent campsites shall be computed at 50 GPD each for water supply and sewage disposal.
 - b. Sewer risers for independent campsites shall be constructed of at least 4-inch diameter pipe, extending at least 4 inches above grade.
 - c. Water and sewer risers for an independent campsites shall be separated by at least 5 feet.

- _____ 5. Campsites without individual sanitary sewer connections are identified as dependent sites. Comfort station and sanitary dump station installations are required to serve such sites.
- a. Dependent campsites shall be computed at 50 GPD each for water supply and sewage disposal.
 - b. A sanitary dump station must be provided at a rate of one dump station per 250 dependent campsites (see No. 6).
- _____ 6. For all common use rooms in a campground, bathing and handwashing facilities shall be supplied with hot and cold water under pressure. Bathing and handwashing facilities shall be equipped with approved devices that will control the water temperature at the point of use so it will not exceed 120° F. See the link below and specify the manufacturer and model, location, and 120° F temperature setting for the devices and shower valves on the plans.
<http://www.in.gov/isdh/files/tmpcntrl.pdf>
- a. At least one (1) flush toilet shall be provided for each sex at showers constructed or installed in a recreational campground.
 - b. All entrances to toilet and bathing facilities shall have doors equipped with springs or other devices to make them self-closing. All such entrances shall be configured to prevent view of the interior when the door is opened.
 - c. There shall be a properly operating mechanical exhaust device capable of replacing the air in the facility at least six (6) times per hour. Show the manufacturer, model and cfm rating of the equipment specified.
 - d. Guarded or shielded light fixtures shall be provided in sufficient quantity that at least twenty (20) foot-candles of light is available throughout the facility at all times during operation.
 - e. All exterior openings shall be screened utilizing screening of not less than sixteen (16) mesh.
 - f. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in sanitary facilities shall have ground-fault circuit-interrupter protection for personnel.
 - g. Floors, walls and partitions around showers, lavatories and plumbing fixtures shall be smooth, nonabsorbent and easily cleanable. Specify materials to meet these requirements.

- _____ 7. A sanitary dump station shall be provided for each 250 dependent campsites.
- a. A sanitary dump station shall be designed at 60 gallons per dependent campsite to provide 3 days retention capacity.
 - b. The sanitary dumping station shall have a 4-inch sewer riser pipe with a self-closing hinged cover or screw cap.
 - c. The riser pipe at a dump station shall be surrounded at the inlet by a concrete apron at least three (3) feet in diameter and sloped to the drain to the sewer riser pipe.
 - d. The sanitary dumping station shall be provided with a water outlet for sanitary maintenance of the station. The water outlet shall be marked to indicate that the water is not to be used for drinking, but only for flushing and cleaning.
 - e. An atmospheric-type vacuum breaker meeting the requirements of the Indiana Plumbing Rules (675 IAC 16) shall be installed on the potable water line serving a sanitary dumping station, downstream of the last shut-off valve, to protect against back-siphonage.
 - f. Go to the “Sanitary Sewage Dumping Stations Planning Guide” available on our website for required signage, and other details to be included on the plans. See <http://www.in.gov/isdh/23282.htm>
 - g. Provide a copy of a contract with a licensed wastewater hauler with the plans for dump stations that will not be connected to an onsite sewage system or sanitary sewer.
- _____ 8. Recreational campgrounds without individual water connections at each campsite shall be provided with watering stations.
- a. A watering station must be located within 200 feet of any campsite it is to serve.
 - b. Watering stations must be located at least 50 feet from a sanitary dump station.
 - c. See item #8 below for other watering station requirements to be met on the plans.

_____ 9. Watering stations and individual water risers shall meet the following criteria:

- a. The water distribution system shall have the capacity to deliver water at 20 psi minimum pressure to all watering stations and water connections at all times.
- b. Each watering station having a faucet threaded for hose connection, shall be equipped with an approved pressure-type vacuum breaker.
- c. Adequate provisions shall be made to prevent freezing of service lines and risers. These may include gravity drainage of the system at the end of the season, blowing down the system using compressed air, or other methods. Provide a narrative for winterizing the system on the plans.
- d. Freeze-proof hydrants with stop-and-waste valves or other devices which would allow aspiration or backflow of contaminated water into the potable water system shall not be used. Our Policy on Frost-free Hydrants, and acceptable options can be found at: <http://www.in.gov/isdh/22446.htm> A list of approved sanitary hydrants is found at: <http://www.in.gov/isdh/22449.htm>
- e. Individual water risers shall be at least ½-inch in diameter.
- f. Water risers for campsites shall extend at least 4 inches above grade.
- g. Site-built water risers or watering stations must be constructed of galvanized pipe or Type K copper tubing.

_____ 10. All new wiring, lighting, and electrical hook-ups shall be installed in compliance with 675 IAC 17:

- a. Every recreational vehicle site with electrical supply shall be equipped with at least one 20-ampere, 125-volt receptacle. All 125-volt, single-phase, 15- and 20- ampere receptacles shall have listed ground-fault circuit-interrupter protection for personnel.
- b. A minimum of 20 percent of all recreational vehicle sites, with electrical supply, shall each be equipped with a 50-ampere, 125/250-volt receptacle. Note: The grounding conductor shall not be used as an equipment grounding conductor. Each 50A receptacle must be on its own branch circuit (the rating of which must match the rating of the receptacle).
- c. A minimum of 70 percent of all recreational vehicle sites, with electrical supply, shall each be equipped with a 30-ampere, 125/250-volt receptacle. Note: The minimum percent requirements change with every code update. Check the latest NEC for the correct percentages.

- d. Dedicated tent sites with a 15- or 20-ampere electrical supply shall be permitted to be excluded when determining the percentage of recreation vehicle sites with 30- or 50-ampere receptacles.
- e. When provided on back-in sites, the recreational vehicle site electrical supply equipment shall be located on the left (road) side of the parked vehicle, on a line that is 5 ft. to 7 ft. from the left edge (driver's side of the parked RV) of the stand and shall be located at any point on this line from the rear of the stand to 15 ft. forward of the rear of the stand.
- f. For pull-through sites, the electrical supply equipment shall be permitted to be located at any point along the line that is 5 ft. to 7 ft. from the left edge (driver's side of the parked RV). It must also be located from 16 ft. forward of the rear of the stand to the center point between the two roads that provides access to and egress from the pull-through sites.
- g. The left edge (driver's side of the parked RV) of the stand shall be marked.
- h. A disconnecting switch or circuit breaker shall be provided in the site supply equipment for disconnecting the power supply to the recreational vehicle.
- i. Site supply equipment shall be located not less than 2 feet or more than 6 feet above ground.
- j. Where the site supply equipment contains a 125/250-volt receptacle, the equipment shall be marked as follows: "Turn the disconnecting switch or circuit breaker off before inserting or removing plug. Plug must be fully inserted or removed." The marking shall be located on the equipment adjacent to the receptacle outlet.
- k. All switches, circuit breakers, receptacles, control equipment, and metering devices, located in wet locations shall be weatherproof.

Saneng/pr/forms/rec camp specs revised 3.01.17