

HUMBOLDT COUNTY BUILDING DEPARTMENT
RECREATIONAL VEHICLE SET-UP INSTRUCTIONS

1. **Utilities**
 - a. **Underground Utilities**

Underground water, power and sewer lines shall be inspected by prior to backfilling.
 - b. **Sewage Disposal System**

Septic tank and leachfield shall be inspected prior to backfilling. A separate permit is required for the sewage disposal system.
 - b. **Electrical Service**

Electric service must be protected by circuit breaker or fuses. The ampacity may not exceed the maximum rating of the RV. (Must RV's have amverage rating stamped on exterior seal) Plug-in cords are permitted up to 50 amps but must be rated the same ans the RV.
RV service equipment shall be located within sight from and not more than 30 feet from the exterior wall of the RV it services.
 - c. **Sewer Connection**

Sewer connection must be made with type ABS plastic pipe and tightly sealed. Flexible piping is not permitted. RV shall be a minium of 8 feet from any portion of the septic tank. Above ground sewer line shall be protected from freezing.
 - d. **Water Connection**

Water connections may be made with flexible hose, certified for potable water. (Separate water and sewer connection as far apart as possible) Above ground water line shall be protected from freezing.
2. **Tie-Downs**

RV's require (3) tie-downs. (2) placed near the rear of the RV (at bumper or at axles) and (1) at the tongue or fifth wheel gooseneck. Tie-down augers shall be a min. of 18" in length. Straps must be at least 1 ¼" by .035" thick cold rolled heat treated, hot dipped galvanized, cables must be no less than 7/32" or aircraft cable ¼" minimum diameter and there must be at least (2) cable clamps with nuts on the live side of the cable, chain must be min. of ¼". Alternate anchoring methods may be approved but **must** be discussed with the inspector **prior** to the installation.
Note: Motor driven RV's are exempt from tie-down requirements.
3. **Blocking**

RV's must be blocked. RV shall be support by blocks, jack stands, or jacks installed on the unit. Supports must be installed on a min. 2"x8"x8" pressure treated base or block.
4. **Grade**

Maintain 6" fall in the first 10' grade.
5. **Pumphouse**

A pumphouse shall be provided to protect the pressure tank, water and electrical installations. The structure must be structurally sound. All plumbing lines and fixtures shall be protected from freezing by approved materials. Electric shall be mounted on a permanent wall or pole (pressure treated). All outlets installed in pumphouse shall be GFCI protected. The pumphouse may require permits. Check with the Building Department.
6. **Variations**

All RV's are constructed differently. If the instructions above do not seem to "fit" your RV or situation, discuss the problem with a Building Department representative before proceeding or calling for inspection.
7. **Inspection**

All the foregoing items, 1-5, must be completed, inspected and passed by the building department prior to occupancy of the RV.