

## Frequently Asked Installation Questions

1. What must I do to install a home in an area subject to frost heave?

Answer: Few manufacturer's installation manuals accommodate installing a home in a frost heave area. A home to be installed in an area subject to frost heave must have an alternative foundation plan, completed by an Arizona registered engineer, reviewed and approved by ADOH. The local jurisdiction determines the extent of the frost depth.

2. How do we know if the home is in the Flood zone?

Answer: The local jurisdiction where the home will be installed determines flood zones. A permit is required from the local jurisdiction PRIOR to obtaining an Installation Permit from the Department.

3. If a home is to be installed in a flood hazard area, what issues will I need to address?

Answer: All flood zone areas require a site-specific engineered plan designed by an Arizona Registered Engineer submitted to the Department for approval. When approved by the State, the plan will be "red-stamped" and a plan approval number will be issued. A plan approval number is required PRIOR to obtaining an Installation Permit from the Department.

4. What if I can't get a 1/2 inch per foot slope for ten feet drainage?

Answer: When property lines and natural terrain do not allow for a 1/2 inch per foot for ten feet drainage, alternative options include installing drains or swales, or grading.

5. Do all mobile homes and used manufactured homes need to be anchored?

Answer: Yes, all mobile homes, and used/new manufactured homes must be anchored using an approved anchoring system.

6. Can we use 3/8 inch treated plywood for a retaining wall?

Answer: Yes, if part of the design by a Registered Engineer and approved by the Department.

7. What testing is required and who will witness test?

Answer: Water, sewer, gas and electrical tests are required. Once the insignia is placed on the unit, it certifies that the Installer performed the required testing.

8. Will every new home require all utilities to be tested?

Answer: Yes all homes installed require that the Installer test utilities.

9. In a flood zone, can poured runners be used?

Answer: Yes, if part of the design by a Registered Engineer and approved by the Department.

10. If there is a testing problem in the process of testing the utilities - a failure, water leak or something of that nature, does the Installer affix their insignia on the home?

Answer: Yes. The insignia is required to be affixed to the home prior to scheduling an installation inspection with the Department.

11. Is a soil test required before installation? If so, by whom and how?

Answer: Yes, an Installer is required to verify soil conditions prior to installation. An Inspector is required to verify the soil was tested by: 1) observation of the soil conditions and review of soil penetrometer test results performed by the Installer; or 2) review of a soil conditions report from a registered engineer.

12. Are plans required for ribbon footings?

Answer: Yes, State approved plans are required for ribbon footings.

13. Can plans be typical (a.k.a.: generic) for manufactured homes foundations?

Answer: Yes.

14. Is the permit closed out once the utilities are approved and "green tagged"?

Answer: No, the permit is not closed out until the installation of the home is 100% complete, has been inspected and signed off by the Inspector. If the utilities have been altered in any way after approved, the next installation inspector will rescind the prior utilities approval and violation(s) will be written.

15. Is crowning of the soil underneath homes always required as part of soil preparation?

Answer: Yes. However, there are two (2) exceptions: 1) homes installed in a mobile home park do not require crowning; and 2) homes installed in flood zones do not require crowning.