



**Growth and Resource Management
Building and Zoning**
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MOBILE HOME SET-UP REQUIREMENTS FOR FLOOD ZONES

The proposed location of the mobile home will be checked during plan review to determine if it is shown to be in a Special Flood Hazard Area (Flood Zones A, AE, AH or AO) per the current Flood Insurance Rate Maps (FIRM). If the unit is to be located in a designated flood zone, Construction Drawings, Building Under Construction and Finished Elevation Certificates will be required to document compliance with the County's Flood Plain Management Ordinance. Additionally, the Ordinance requires the site to be elevated or special foundation and blocking system design for all units set-up in the Special Flood Hazard Area. Please refer to the following options:

EXISTING GRADE AT OR ABOVE THE BASE FLOOD ELEVATION (BFE):

A conventional installation will be accepted provided that the existing grade is at or above the Base Flood Elevation and the Lowest adjacent (finished) grade (LAG) is shown on the required pre-construction elevation certificate.

EXISTING GRADE BELOW BFE, SITE ELEVATION RAISED BY FILL:

If the existing grade is below the BFE, a conventional installation will be accepted if the site grade is raised to or above the BFE. The acceptance is contingent upon the "fill area" being constructed per FEMA-85. The fill area shall extend a minimum of 25' from any point of the building perimeter or twice the depth of fill at that point, whichever is greater. The slope shall be no steeper than 1.5' horizontal to 1' vertical. The sloped area (s) shall be protected from scour by installing grass (velocities < 5' per second) or stone/rock (velocities > 5' and < 10' per second). Note: After the earth fill is added and compacted, the entire foundation, including footing bottoms will need to be above the BFE. Additionally, a compaction test will be required to be submitted, reviewed and accepted by the Volusia County prior to the scheduling of the manufactured unit set-up inspection.

EXISTING GRADE BELOW BFE, SITE ELEVATION NOT RAISED BY FILL:

If the existing grade is below the BFE and earth fill is not to be installed, a permanent foundation with reinforced pier system designed in accordance with FEMA 85 or a design equivalent in strength and effectiveness reviewed, signed and sealed by a Florida registered architect or engineer for Equivalency with FEMA 85 requirements will be required.