



FEMA V-Zone Requirements for Elevated Pools, Patios, Decks, Seawalls or Other Elevated Structures

Prior to the issuance of a permit for elevated pools, patios, decks, seawalls or other elevated structures, the applicant shall provide a signed and sealed, site specific, Coastal Wave Runup Analysis and statement prepared by an Engineer, licensed to practice in the State of Florida. Inclusive with the analysis provide, supporting model data certifying the proposed structure has been designed in compliance with the NFIP Regulations 44 CFR, 60.3 (e), and the proposed elevation of the structure will not result in ramping or deflection of velocity waters, or any erosion which could damage any nearby buildings or other structures. The analysis must conclude that any proposed structure will not significantly alter the physical characteristics of flooding or significantly increase wave or debris impact forces to adversely affect any nearby structures.

Note: Pools, patios, decks, seawalls or other elevated structures must be structurally independent of an elevated structure or meet the FEMA design and elevation requirements for structures in the V-Zone

Further Information

The following publications provide further information concerning the NFIP free-of-obstruction requirements in the V-Zone:

1. "Technical Bulletin 5-93 Free-of-Obstruction Requirements," FEMA FIA-TB-5 (4/93).
2. "Coastal Construction Manual," FEMA-55, June 2000.
3. "Shore Protection Manual." U.S. Army Corps of Engineers, (latest addition).

The following list is provided to assist you in finding an engineering firm to prepare a Coastal Wave Runup Analysis. Other qualified firms may be found through advertisements, a telephone directory, or personal recommendations. The Development Services staff is unable to recommend any firm and cannot guarantee any firm's performance. The following is a random listing, no priority is intended.

TBE Corporate Office

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Dewberry

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URS

EC Driver & Associates
500 North Westshore Boulevard, Suite 500
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