

## 10.2.F ADDITIONAL REQUIREMENTS IN FLOOD-PRONE AREAS<sup>1</sup>

(The applications shall consist of two (2) sets of paper documents and an electronic submission of all materials via PDF email or on USB drive)

- 1. Two (2) copies of a Site Plan prepared by a Connecticut licensed professional engineer (based on an A-2 survey prepared by a Connecticut licensed land surveyor) at an appropriate scale showing:
  - 1.1. base flood elevation (BFE) data and floodway data of the Special Flood Hazard Area (SFHA) as shown on the Flood Insurance Rate Map (FIRM) of the Town of Ridgefield;
  - 1.2. the location of existing and proposed structures, fill areas, storage areas for materials, and drainage facilities;
  - 1.3. the actual elevation of the lowest habitable floor (including basement) of all new or substantially improved structures. Such elevation shall be National Geodetic Vertical Datum (NGVD) of 1929 or other datum to which Ridgefield's base flood elevations as shown on the flood insurance rate map are referenced;
  - 1.4. elevation to which any structure has been flood proofed;
  - 1.5. description of the extent to which any watercourse will be altered or relocated as a result of a proposed development;
  - 1.6. statement and supporting documentation (all costs of project, market value of structure, etc.) verifying that the proposed alteration(s) meets or does not meet the criteria of the "substantial improvement" or "substantial damage" definition.
  
- 2. Where applicable, two (2) copies of:
  - 2.1. Certification by a Connecticut-licensed land surveyor of the actual elevation of all existing and proposed structures (such elevation shall be National Geodetic Vertical Datum (NGVD) of 1929 or other datum to which Ridgefield's base flood elevations as shown on the flood insurance rate map are referenced);
  - 2.2. Certification by a Connecticut-licensed professional engineer or architect of the flood proofing methods for any nonresidential structure;
  - 2.3. Plans to enclose space below the base flood elevation meeting the minimum design criteria in 11.5.C.3;
  - 2.4. A statement as to whether there will be dry access to the structure during the 100-year storm event;
  - 2.5. A statement as to whether the proposed development will increase the water surface elevation of the base flood more than one foot at any point after considering the cumulative effect of the proposed development when combined with other anticipated development;
  - 2.6. A statement as to whether the proposed development complies with the standards for Floodways as in 11.5.C.5.

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<sup>1</sup> 2010-027-A: Adopted 4/20/10 in conjunction with changes to Sec. 6.1 (Floodplain Overlay Zone) and Sec. 11 to comply with State and Federal requirements, all amendments effective 4/30/10.

- 3. A statement that all necessary permits have been obtained from federal, state, or local governmental agencies from which prior approval is required.
  
- 4. Where applicable, a statement regarding whether the alteration or relocation of a watercourse is proposed in a form acceptable for notification of adjacent communities, the Connecticut Department of Environmental Protection, and the Federal Insurance Administrator.
  
- 5. Where applicable, a statement indicating whether maintenance will be provided within the altered or relocated portion of said watercourse so that the flood carrying capacity will not be diminished.
  
- 6. A statement indicating whether interpretations were made as to the exact location of the boundaries of the areas of special flood hazards (i.e., where there appears to be a conflict between a mapped boundary and actual field conditions).
  
- 7. Any other information which, in the Commission's judgment, will assist in evaluating the proposal.