

## LAND DEVELOPMENT – FLOOD CONTROL

### **Additional Requirements for Certification of Design of Flood Openings and Flood Proofing of Non-Residential Construction**

Designs for flood openings must be certified by either a registered civil engineer or architect as meeting or exceeding the stricter of the requirements imposed pursuant to the National Flood Insurance Program or Flood Damage Prevention Ordinance.

The following are additional requirements for flood proofing of non-residential construction:

1. Be flood proofed at or above 1 foot above the base flood elevation. The structure below 1 foot above the base flood elevation (including attendant utility and sanitary facilities), is watertight with walls substantially impermeable to the passage of water.
2. Have structural components capable of resisting hydrostatic and hydrodynamic loads and effects of buoyancy.
3. A registered professional engineer or architect shall develop and/or review structural design, specifications, and plans for the construction, and shall certify that the design and methods of construction are in accordance with accepted standards of practice for meeting these standards and standards imposed by the National Flood Insurance Program and verified by the County building inspector. Floodproofing Certificate for Non-Residential Structures shall be used. Such certification and verification shall be provided to the Floodplain Administrator.