

## **Floodproofing Approval Phase Requirements**

- Plan Review/Permitting Phase
  - Elevation Certificate (original, not copy)
  - Floodproofing Certificate (construction drawings phase; original)
  - Statement plans in accordance with ASCE 7 & 24-05
    - Satisfies “combination of loads” requirement
  - Building Plans w/general floodproofing overview, showing:
    - Relevant flood zones identified
    - Flood zones plotted on site plans
    - BFE, DFE & Grade elevations shown
    - Height of floodproofing relative to DFE
  - Floodproofing Panels
    - Locations
    - Sizes
    - Types
  - Sewerage backflow prevention measures
  - Show that walls are substantially impermeable to the passage of water.
    - With load calculations
  - Show that walls, floors, and flood shields shall be designed and constructed to resist hydrostatic, hydrodynamic, and other flood-related loads to relevant elevation.
    - Including the effects of buoyancy resulting from flooding to the elevation.
  - Any soil or fill adjacent to the structure compacted and protected against erosion and scour.
  - Emergency ingress/egress above floodproofing during flood conditions
  - Show materials below DFE - not protected by floodproofing - are resistant to salt water flood damage
- Final Inspection/Certificate of Occupancy Phase
  - Shop drawings for each flood panel type w/load calculations
    - Certified by a State of Florida licensed Engineer
  - Floodproofing Certificate (finished construction phase)
  - Emergency Operation Plan
  - Inspection & Maintenance Plan
  - Local agency review/inspection