

PASCO COUNTY, FLORIDA

Checklist for Flood Damage Prevention Review

REQUIRED DOCUMENTS				
MUST BE SUBMITTED AT TIME OF PERMIT APPLICATION				
BUILDING ELEVATION		Items To Be Included Each Box Shall be Circled as Applicable		
1.	Remodel of post-FIRM uninhabited space to inhabited space below the BFE is prohibited. The remodeling project will be required to have the finished floor (if other than storage space) elevated above the BFE. With the exception of V zone structures, commercial structures may be floodproofed one (1) foot above the BFE if signed/sealed by a design professional.	Yes	No	N/A
2.	Finished Floor Elevation for all new and substantial improvements is to or above BFE unless shown higher from an approved lot-grading plan. If no lot grading plan, an elevation above the road centerline of 16" must be considered and such identification is required to be stamped on the plans and be consistent with the Stormwater Technical Manual.	Yes	No	N/A
3.	Provide top of bottom floor elevation.	Yes	No	N/A
4.	Provide attached garage top of slab elevation.	Yes	No	N/A
5.	Flood resistant materials shall be used below BFE. (FEMA Technical Bulletin 2-93)	Yes	No	N/A
6.	Total area of all permanent openings (flood hydrostatic ventilation vents) identified and within one (1) foot above adjacent grade are shown, and minimum of two openings on separate walls shown unless otherwise designed by design professional. Show calculations, and typical plans FEMA Technical Bulletin 1-93	Yes	No	N/A
7.	Lowest elevation of machinery and/or equipment servicing the building identified (e.g. Pad) above the BFE – includes ductwork. GFI must be used for structure servicing equipment below the BFE.	Yes	No	N/A
SUBSTANTIAL IMPROVEMENT		Items To Be Included Each Box Shall Be Circled As Applicable		
	For Improvements in Flood Zone A			
1.	Does the value of construction within the preceding 60-month period (from final inspection or C.O.) equal or exceed 50% of the depreciated market value of the structure? If so, the entire structure is to be elevated to the BFE.	Yes	No	N/A
2.	For storm damage, calculations will be determined on an event-by-event basis. All estimates shall include the repair cost for all damage regardless of what is proposed to be repaired.	Yes	No	N/A
3.	Substantial Improvement Package completed	Yes	No	N/A
	For Improvements and Damage sustained in Flood Zone V			
1.	Does the value of construction within the preceding 60-month period (from final Inspection or C.O.) Equal or exceed 50% of the depreciated market value of the structure? If so, the entire structure is to be elevated to the BFE. Storm damage estimates shall include the repair cost for all damage regardless of what is proposed to be repaired.			
2.	Substantial Improvement Package completed.	Yes	No	N/A
VELOCITY ZONE		Items To Be Included Each Box Shall Be Circled As Applicable		
1.	Soils and Foundation Report submitted with plans.	Yes	No	N/A
2.	Bottom of lowest horizontal structural member (including ductwork) elevation is at or above the BFE.	Yes	No	N/A
3.	Free of obstructions below the BFE, except for design professional approved breakaway walls. Provide details on plans. (FEMA Technical Bulletin 5-93)	Yes	No	N/A
4.	No fill allowed to be used.	Yes	No	N/A
5.	No fill, except for minor landscaping. If fill is used (including for an elevated septic system), a wave-impact analysis must be submitted and shown that there is no impact to adjacent properties.	Yes	No	N/A
6.	No remodel or conversion of space below the BFE is allowed.	Yes	No	N/A
7.	No new additions (vertical or lateral) without elevated on an elevated foundation designed to specifications shown in the Soils and Foundation Report.	Yes	No	N/A

Checklist – Flood Damage Control Review

FLOODWAY ENCROACHMENT		Items To Be Included Each Box Shall Be Circled As Applicable		
1.	No-Rise/Impact Certification provided. Must show zero rise in the floodway.	Yes	No	N/A
2.	No fill shall be used within the Floodway unless a No-Rise Certification is provided showing no rise in elevation of the Floodway.	Yes	No	N/A
3.	No Manufactured Homes permitted within the Floodway unless it is a DCA Certified Home, and No-Rise Certification is submitted.	Yes	No	N/A
4.	Free of Obstructions below BFE. See (FEMA Technical Bulletin No. 5-93)	Yes	No	N/A
5.	No accessory structures unless at or above the BFE and designed appropriately.	Yes	No	N/A
WATERTIGHT FLOODPROOFING CERTIFICATION A Zones only		Items To Be Included Each Box Shall Be Circled As Applicable		
1.	Commercial structures with a finished floor below the BFE are to be engineered to be floodproofed one (1) foot or greater above the BFE.	Yes	No	N/A
2.	Floodproof certificate is required with plans approval.	Yes	No	N/A
3.	Use of flood protection and floodshields must be identified on plans.	Yes	No	N/A
4.	Floodproofing operation procedures are required.	Yes	No	N/A
ACCESSORY STRUCTURES		Items To Be Included Each Box Shall Be Circled As Applicable		
	A-Zone			
1.	Structure is for storage and not for any type of habitation and is not climate controlled.	Yes	No	N/A
2.	Flood resistant materials used. (FEMA Technical Bulletin No. 2-93)	Yes	No	N/A
3.	Anchored to resist flotation and lateral movement.	Yes	No	N/A
4.	Permanent openings (flood vents) as designed.	Yes	No	N/A
5.	Accessory structure is of low value.	Yes	No	N/A
6.	Service Facility (electric shall be elevated above BFE or floodproofed)	Yes	No	N/A
	V-Zone In addition to items 1-6 above the following is required			
7.	The structural system shall utilize pilings, adequately embedded to resist scour and lateral deflection.	Yes	No	N/A
8.	Any enclosure below the BFE shall be constructed of wooden lattice, or insect screening, or shall be designed as a “breakaway wall” in conformance with section 60.3(e) (5) of 44CFR.	Yes	No	N/A
9.	Floors shall be at grade.	Yes	No	N/A
10.	The lowest horizontal structural member of roof systems, including plates and beams connecting the upright supports of the structure, shall be placed at or above the BFE.	Yes	No	N/A

Note: Copies of the referenced FEMA Technical Bulletins are available at www.fema.gov or any Central Permitting Office