

**Table 930.1A. Finished Floor Elevation (FFE)
Criteria Worksheet [930.07(1)(s)]
Residential**

Residential finished floor elevations shall be set at or above the following elevations, whichever is greater. In flood hazard areas the FFE is “lowest floor” (A Zones) or bottom of the lowest horizontal structural member of the lowest floor (V Zones, coastal high hazard areas and Coastal A Zone).

Residential	WATER FIS / FIRM BFE¹	WATER 100-Year 1-Day DFE	WATER 100-Year 3-Day²	WATER Regulatory Flood Elevation BFE³	FLOOR 18” Above Adjacent Crown of Road⁴	FLOOR DOH Septic / Drainfield Requirements⁵	FLOOR 18” Above Regulatory BFE	FLOOR 6” Above 100-Year 3-Day²	FINAL FLOOR Design FFE⁶
Platted with no SWMS		N/A	N/A					N/A	
Platted with SWMS									
	If the existing, permitted SWMS does not have 100 Year design flood routings, the FFE shall be based upon the remaining criteria.								
Proposed SWMS									

Footnotes:

1. IRC 930.03(4), Include if within or adjacent to a Special Flood Hazard Area
2. IRC 910.10 (1)(b), IRC 930.072(1)(d)
3. IRC 930.03(4), 930.07(2)(b)3., Higher of FIRM BFE or DFE
4. IRC 912.08(5)
5. Contractor/Engineer set structures per 64E-6.003, F.A.C.
6. Final design FFE shall be higher of all conditions including FBC grading

- b. X Zone Adjacent to SFHA: When existing FFE is below the Final Floor Design Elevation, FEMA substantial improvement guidelines shall be followed. When existing FFE is above the Final Floor Design Elevation, addition may match existing FFE with flood resistant materials only required in the addition.
- c. X Zone: When existing FFE is below the Final Floor Design Elevation, addition may match existing FFE if flood resistant materials are used for the addition.

Notes:

- This worksheet is to be used as a submittal to show all criteria and to specify the proposed final design elevation. Construction located in Coastal High Hazard Areas (V Zones) and Coastal A Zones shall also meet the requirements of those areas.
- In special flood hazard areas, Regulatory BFE shall be used as Item B10 – Other/Source when filing an elevation certificate.
- Building Additions:
 - a. SFHA: Building addition may match existing FFE with flood proofing provided for entire structure in accordance with the governing criteria or must follow substantial improvement requirements. Structurally independent addition must meet Final Floor Design Elevation.

Acronyms:

- BFE = Base Flood Elevation
- DFE = Design Flood Elevation
- DOH = Department of Health
- F.A.C. = Florida Administrative Code
- FBC = Florida Building Code
- FFE = Finished Floor Elevation
- FIS = Flood Insurance Study
- FIRM = Flood Insurance Rate Map
- IRC = Indian River County
- SWMS = Stormwater Management System
- N/A = Not Applicable
- SFHA = Special Flood Hazard Area

**Table 930.1B. Finished Floor Elevation (FFE)
Criteria Worksheet [930.07(1)(s)]
Commercial (Flood Zone X)**

Commercial finished floor elevations shall be set at or above the following elevations, whichever is greater.

Commercial	Existing FFE	WATER FIS / FIRM BFE¹	WATER 100-Year, 1-Day DFE	WATER 100-Year, 3-Day²	WATER Regulatory Flood Elevation BFE³	FLOOR 18" Above Regulatory BFE	FLOOR 6" Above 100-Year, 3-Day²	FLOOR DOH Septic / Drainfield Requirements⁴	FINAL FLOOR Design FFE⁵
New Building/ Building Addition Proposed SWMS New/Existing Roadway									
New Building Proposed/Permitted SWMS	N/A			N/A			N/A		
Existing Building Proposed SWMS Building Addition	Building addition may match existing FFE with flood resistance provided for entire structure to the governing criteria.								
New Building Permitted SWMS	N/A	New proposed construction shall meet the FFE requirements at time of prior permitting or 100 Year – 1 Day Event, whichever is greater. Flood resistance materials may be used to meet freeboard criteria.							
Existing Building Building Addition No SWMS			N/A	N/A		Proposed FFE shall be in accordance with the remaining criteria and no less than existing FFE.			
Existing Building Permitted SWMS Building Addition	When no new SWMS permit is required the proposed FFE shall be in accordance with the remaining criteria and no less than existing FFE.								

Footnotes:

1. IRC 930.03(4), Include if adjacent to a Special Flood Hazard Area
2. IRC 910.10(1)(b), IRC 930.072(1)d
3. IRC 930.03(4), 930.07(2)(b)3., Higher of FIRM BFE or DFE
4. Contractor/Engineer set structures per 64E-6.003, F.A.C.
5. Final design elevation, shall be higher of all conditions including FBC grading

Notes:

- This worksheet is to be used as a submittal to show all criteria and to specify the final floor design elevation.
- Critical Facilities per 930.07(2)(b)5.
- Building Additions in X Zones Adjacent to SFHA: When existing FFE is below the Final Floor Design Elevation, FEMA substantial improvement guidelines shall be followed. When existing FFE is above the Final Floor Design Elevation, addition

may match existing FFE with flood resistant materials only required in the addition.

Acronyms:

- BFE = Base Flood Elevation
- DFE = Design Flood Elevation
- FFE = Finished Floor Elevation
- DOH = Department of Health
- F.A.C. = Florida Administrative Code
- FBC = Florida Building Code
- IRC = Indian River County
- N/A = Not Applicable
- SWMS = Stormwater Management System
- SFHA = Special Flood Hazard Area

**Table 930.1C. Finished Floor Elevation (FFE)
Criteria Worksheet [930.07(1)(s)]
Commercial (Special Flood Hazard Areas (SFHA))**

Commercial finished floor elevations shall be set at or above the following elevations, whichever is greater. In flood hazard areas the FFE is “lowest floor” (A Zones) or bottom of the lowest horizontal structural member of the lowest floor (V Zones, coastal high hazard area and Coastal A Zone).

Commercial	Existing FFE	WATER FIS / FIRM BFE	WATER 100-Year, 1-Day DFE	WATER 100-Year, 3-Day¹	WATER Regulatory Flood Elevation BFE²	FLOOR Elevation Above Regulatory BFE³	FLOOR 6" Above 100-Year 3-Day¹	FLOOR DOH Septic / Drainfield Requirements⁴	FINAL FLOOR Design FFE⁵
New Building/ Building Addition Proposed/Permitted SWMS New/Existing Roadway									
	Building addition may match existing FFE with flood proofing provided for entire structure in accordance with the governing criteria and follow substantial improvement requirements. Structurally independent addition must meet Final Floor Design Elevation.								
New Building Proposed/Permitted SWMS	N/A			N/A			N/A		
Existing Building Proposed SWMS Building Addition				N/A			N/A		
	Building addition may match existing FFE with flood proofing provided for entire structure in accordance with the governing criteria and follow substantial improvement requirements. Structurally independent addition must meet Final Floor Design Elevation.								
Existing Building No SWMS Required Building Addition			N/A	N/A			N/A		
	Building addition may match existing FFE with flood proofing provided for entire structure in accordance with the governing criteria or must follow substantial improvement requirements. Structurally independent addition must meet Final Floor Design Elevation.								
Existing Building Permitted SWMS Building Addition				N/A			N/A		
	Building addition may match existing FFE with flood proofing provided for entire structure in accordance with the governing criteria or must follow substantial improvement requirements. Structurally independent addition must meet Final Floor Design Elevation.								

Footnotes:

1. IRC 910.10(1)(b), IRC 930.072(1)d
2. IRC 930.03(4), 930.07(2)(b)3. Higher of FIRM BFE or DFE.
3. As required by the FBC/ASCE 24. (18" minimum)
4. Contractor/Engineer set structures per 64E-6.003, F.A.C.
5. Final design elevation, shall be higher of all conditions including FBC grading

Acronyms:

- BFE = Base Flood Elevation
- DFE = Design Flood Elevation
- DOH = Department of Health
- F.A.C. = Florida Administrative Code
- FBC = Florida Building Code
- FIS = Flood Insurance Study
- FIRM = Flood Insurance Rate Map
- IRC = Indian River County
- N/A = Not Applicable
- SWMS = Stormwater Management System

Notes:

- This worksheet is to be used as a submittal to show all criteria and to specify the proposed final design elevation. All construction located in Coastal High Hazard Areas (V Zones) and Coastal A Zones shall also meet the requirements of those areas.
- In special flood hazard areas, Regulatory BFE shall be used as Item B10 – Other/Source when filing an elevation certificate.