



Town of Hilton Head Island  
 Community Development Department  
 One Town Center Court  
 Hilton Head Island, SC 29928  
 Phone: 843-341-4757 Fax: 843-842-8908  
[www.hiltonheadislandsc.gov](http://www.hiltonheadislandsc.gov)

<b>FOR OFFICIAL USE ONLY</b>	
Permit. #:	_____
Fee:	_____

## APPLICATION PACKET FOR **SINGLE FAMILY RESIDENTIAL BUILDING PERMIT**

<input type="checkbox"/> New Structure	<input type="checkbox"/> Addition	<input type="checkbox"/> Detached Garage	<input type="checkbox"/> Modular Structure	<input type="checkbox"/> Accessory
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Address: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
 Parcel Number [PIN]: R \_\_\_\_\_ Flood Zone: \_\_\_\_\_

**Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If so, a copy of the private covenants and/or restrictions must be submitted with this application.**  YES  NO

**Fees & Forms:** Please see [www.hiltonheadislandsc.gov](http://www.hiltonheadislandsc.gov) for Building Plan Review and Approval fees. The Town accepts cash or check made Payable to Town of Hilton Head Island. Credit cards are accepted as payment for some items.

**License Requirements:** Individuals and entities involved in the construction, repair or renovation of structures are required to comply with licensing requirements of the State of South Carolina and the Town. No contractor or sub-contractor shall begin work on a job without a business license. Both the contractor and the sub-contractor shall be subject to a suspension of his license in accordance with Section 10-1-150 of the Town of Hilton Head Island Code of Ordinances.

**Acknowledgement:** Application is hereby made to perform work on the building and accompanying features, and I am authorized to submit this application. To the best of my knowledge, information included in this application is factual and complete. I hereby agree to abide by all conditions of any approvals granted by the Town and understand that such conditions shall apply to the subject property only. I acknowledge that the Town Municipal Code requires that all construction in a Special Flood Hazard Zone be constructed in accordance with floodplain provisions. I understand that failure to abide by this approval, any conditions, and all codes adopted by the Town of Hilton Head Island deems me subject to enforcement action and/or fines.

<b>Print Name:</b> _____	<b>Signature:</b> _____
<b>Company Name:</b> _____	<b>Date:</b> _____



<b>BUILDING INFORMATION:</b>			
Total Pervious (sq ft)		Number of Fireplaces	
Total Impervious (sq ft)		Type of Exterior Materials	
Heated Sq. Ft. (new or added)		Fire Alarm System	<input type="checkbox"/> YES <input type="checkbox"/> NO
Unheated Sq. Ft. (new or added)		Sprinklered	<input type="checkbox"/> YES <input type="checkbox"/> NO
Number of Stories		Type of heating/air	
Number of Bedrooms		Gas appliances	
Number of Bathrooms		Size of Liquid Propane tank	
Total Residential Rooms		Septic Tank Number	
Number of Elevators		Insulation (Prescriptive or Performance Base)	

<b>ROOF INFORMATION</b>	
Material:	Wind Uplift:
Amount of Fasteners:	Years of Guarantee:
Type of Fasteners:	

<b>VALUE OF CONSTRUCTION (includes materials, labor, profit)</b>	
Plumbing	\$
Electrical	\$
Mechanical	\$
Building	\$
<b>TOTAL</b>	\$

**Note: No deductions shall be made on the permit application by a general or independent contractor for value of work performed by a subcontractor.**

**Flood Hazard Areas as per International Building Code 3403.1.1:**

In flood hazard areas, any addition/alteration/improvement to an existing building or structure in a flood hazard area must come into compliance with this code section if the value of construction equals or exceeds 50% of the appraised building value. The Town requests a more detailed construction cost estimate for substantial improvement determination.

Detailed cost estimates requested?  YES  NO

Town of Hilton Head Island Municipal Code requires that all construction in a Special Flood Hazard Zone be constructed in accordance with the following provisions:

1. Any enclosed area below the base flood elevation will be used solely for parking of vehicles, limited storage or access to the building. This space will never be used for human habitation without first becoming fully compliant with the Town's Flood Damage Controls Ordinance in effect at the time of conversion.
2. All interior walls, ceilings and floors below the base flood elevation will be constructed of flood resistant materials.
3. All mechanical, electrical and plumbing devices will be installed above base flood elevation.
4. Walls of the enclosed area below base flood elevation will be equipped with at least two openings which allow automatic entry and exit of flood water. Openings will be on two different walls with at least one square inch of free area for every square foot of enclosed space and have the bottom of openings no more than a foot above grade.
5. The structure may be subject to increased premium rates for flood insurance from the National Flood Insurance Program.

## BUILDING PLAN REVIEW MINIMUM SUBMITTAL REQUIREMENTS

- \_\_\_\_\_ 3 complete sets of plans showing a minimum of:
- The location, nature and extent of the work proposed and show in detail that it will conform to the provisions of the locally adopted Codes, ordinances and rules and regulations of the Town and State.
  - Dimensioned floor plans.
  - Plans of all electrical work.
  - Structural plans showing at a minimum, foundations, wall sections and loads (including calculations).
  - Detail the location, construction, size and character of all portions of the means of egress.

- \_\_\_\_\_ 3 sets of Site Plans and Elevations shall contain the following information:
- Any existing structures
  - Mean Sea Level (MSL) height of first habitable floor
  - MSL of each additional habitable floor, or floor to floor heights
  - Height of roof or highest roof feature
  - Set back angles
  - Required base flood elevation if the property is located in a flood hazard zone.

- \_\_\_\_\_ Building Plans.  
For one and two family dwellings, provide documentation that the proper design criteria was met by using one of the following: Standard for Hurricane Resistant Residential Construction (SSTD10), American Forest and Paper Assoc (AF&PA) or American Society of Civil Engineers (ASCE-7) The building official may require the plans to have the seal of a registered design professional.

- \_\_\_\_\_ Any exterior changes, or interior added habitable space in one and two family dwellings will require **four (4) sets** of site plans with elevations drawn to scale indicating property lines, setbacks, buffer and height requirements of Title 16 of the Town Code (LMO), Chapter 5. In the Forest Beach District, a Tree Survey will be required. In other areas it may be required to be submitted.

- \_\_\_\_\_ Certified copy of the 'Under Construction' Flood Elevation Certificate is required prior to vertical construction above the first habitable floor in A & V zones. An original Finished Construction Flood Elevation Certificate is required prior to a Certificate of Occupancy for building located in A & V zones.

- \_\_\_\_\_ Owners Consent form for Renovation, Addition, or as advised by Staff
- \_\_\_\_\_ Zone Certification is required for all buildings located in a velocity zone.
- \_\_\_\_\_ Certificate of Work forms from Plumbing, Electric, HVAC & Framing Contractors
- \_\_\_\_\_ Foundation Survey prior to pouring the foundation.
- \_\_\_\_\_ Construction Trailer Permit
- \_\_\_\_\_ Irrigation Permit
- \_\_\_\_\_ Tent
- \_\_\_\_\_ Air Supported Structure
- \_\_\_\_\_ Demolition Permit

Depending upon the type of project, its construction, and its complexity, other submittals may be required during review or construction (to be designated by Town Staff):

\_\_\_\_\_

\_\_\_\_\_

**WINDOW AND DOOR DP RATINGS PER - 2015 INTERNATIONAL RESIDENTIAL CODE**

*\*This form is required for any construction that includes new or replacement window(s)/door(s)*

DESIGN PRESSURE VALUES LISTED IN TABLE ARE POUNDS / SQ FT (PSF)

ZONE 5 = ALL WINDOWS / DOORS THAT ARE 4 FT OR CLOSER TO A CORNER

ZONE 4 = ALL OTHER WINDOWS / DOORS

Enter number of windows and check the applicable boxes

**WIND ZONE - INLAND**

**140 MPH (B EXPOSURE)**

**BASIC WIND ZONE**

**(MPH 3 SECOND GUST)**

Mean Roof Height	ZONE (4)	# OF WINDOWS	# OF DOORS	# OF SKY LIGHTS	ZONE (5)	# OF WINDOWS	# OF DOORS	# OF SKY LIGHTS
<input type="checkbox"/> 15'	<input type="checkbox"/> DP 35				<input type="checkbox"/> DP 45			
<input type="checkbox"/> 20'	<input type="checkbox"/> DP 35				<input type="checkbox"/> DP 45			
<input type="checkbox"/> 25'	<input type="checkbox"/> DP 35				<input type="checkbox"/> DP 45			
<input type="checkbox"/> 30'	<input type="checkbox"/> DP 35				<input type="checkbox"/> DP 45			
<input type="checkbox"/> 35'	<input type="checkbox"/> DP 35				<input type="checkbox"/> DP 45			
<input type="checkbox"/> 40'	<input type="checkbox"/> DP 40				<input type="checkbox"/> DP 45			
<input type="checkbox"/> 45'	<input type="checkbox"/> DP 40				<input type="checkbox"/> DP 50			
<input type="checkbox"/> 50'	<input type="checkbox"/> DP 40				<input type="checkbox"/> DP 50			

**WIND ZONE - OCEANFRONT**

**140 MPH (C EXPOSURE)**

**BASIC WIND SPEED**

**(MPH 3 SECOND GUST)**

Mean Roof Height	ZONE (4)	# OF WINDOWS	# OF DOORS	# OF SKY LIGHTS	ZONE (5)	# OF WINDOWS	# OF DOORS	# OF SKY LIGHTS
<input type="checkbox"/> 15'	<input type="checkbox"/> DP 40				<input type="checkbox"/> DP 50			
<input type="checkbox"/> 20'	<input type="checkbox"/> DP 45				<input type="checkbox"/> DP 55			
<input type="checkbox"/> 25'	<input type="checkbox"/> DP 45				<input type="checkbox"/> DP 55			
<input type="checkbox"/> 30'	<input type="checkbox"/> DP 50				<input type="checkbox"/> DP 60			
<input type="checkbox"/> 35'	<input type="checkbox"/> DP 50				<input type="checkbox"/> DP 60			
<input type="checkbox"/> 40'	<input type="checkbox"/> DP 50				<input type="checkbox"/> DP 65			
<input type="checkbox"/> 45'	<input type="checkbox"/> DP 55				<input type="checkbox"/> DP 65			
<input type="checkbox"/> 50'	<input type="checkbox"/> DP 55				<input type="checkbox"/> DP 65			

**Type of Protection for Openings**

High impact glass

Approved shutters

**Type of shutters/other**

**U Value:** \_\_\_\_\_

**Solar Heat Gain Co-efficient:** \_\_\_\_\_

## PRESCRIPTIVE PATH FOR COMPLIANCE WITH THE 2015 IECC

Package	WINDOWS AND INSULATION						FOUNDATION TYPE				
	Window U-Factor	Skylight U-Factor	Window and Skylight SHGC	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value		Floor R-Value	Basement Wall R-Value	Slab R-Value And Depth	Crawl Space Wall R-Value
Climate Zone 3	0.65	0.65	0.40	R-30	R-13	R-5		R-19	R-0	R-0	R-5/13

**NOTES:**

This table applies to new construction as well as additions, alterations and replacement windows and is based upon the envelope performance requirements for Climate Zone 3, Table 402.1 in the 2015 IECC, and does not reflect any state-specific amendments to the IECC. This table applies to residential buildings, as defined in the IECC, with wood framing and/or mass walls. For steel-framed buildings, refer to Section 402.24 of the IECC.

Window refers to any translucent or transparent material (i.e., glazing) in exterior openings of buildings, including skylights, sliding glass doors and glass block, along with the accompanying sashes, frames, etc.

Window and skylight U-factor and SHGC values are maximum acceptable levels. An area-weighted average of fenestration products shall be permitted to satisfy the U-Factor and SHGC requirements. Window U-Factor and SHGC must be determined from a National Fenestration Rating Council (NFRC) label on the product or from a limited table of product default values in the IECC. Up to 15 square feet of glazed fenestration is permitted to be exempt from the U-factor and SHGC requirements.

The code requires that window be labeled in a manner to determine that they meet the IECC's air infiltration requirements; specifically, equal to or better than 0.30 cfm per square foot of window area (swinging doors below 0.50 cfm) as determined in accordance with the NFRC 400 or AAMA/WDMA/CSA 101/I.S.2/A440 by an accredited, independent laboratory.

Opaque exterior doors must meet the window U-Factor requirements. One exempt door is allowed.

Insulation R-values are minimum acceptable levels; R-19 shall be permitted to be compressed into a 2x6 cavity. R-Values for walls represent the sum of cavity insulation plus insulated sheathing.

If structural sheathing covers 25% or less of the exterior, insulated sheathing is not required where structural sheathing is used. If structural sheathing covers more than 25% of the exterior, structural sheathing shall be supplemented with insulated sheathing of at least R-2.

Supply and return ducts shall be insulated to a minimum of R-8. Ducts in floor trusses shall be insulated to a minimum of R-6.

EXCEPTION: Ducts or portions thereof located completely inside the thermal building envelope.

Where there are 2 different values for basement and crawl space insulation requirements, the first R-value shall only apply to unventilated crawl spaces; \$-5 shall be added to the required slab edge R-Values for heated slabs; and floors over outside air must meet ceiling requirements.

The Code requires the HVAC system to be properly sized using a procedure like ACCA Manual J.

## SERVICE LOAD CALCULATION

General lighting and general purpose loads

Square footage X 3 VA \_\_\_\_\_ +

Small appliance and laundry circuits

Number X 1,500 VA \_\_\_\_\_ +

Nameplate rating of the following:

Ranges \_\_\_\_\_ +

Ovens \_\_\_\_\_ +

Cooking Units \_\_\_\_\_ +

Clothes Dryers (not connected to the laundry circuit) \_\_\_\_\_ +

Water heaters \_\_\_\_\_ +

Dishwasher \_\_\_\_\_ +

Disposal \_\_\_\_\_ +

Microwave \_\_\_\_\_ +

Gas Furnace \_\_\_\_\_ +

Other (pools, boat lifts, etc.) \_\_\_\_\_

Total \_\_\_\_\_

Apply demand factor

100% for the first 10,000 VA \_\_\_\_\_ +

40% for the remainder \_\_\_\_\_

Total \_\_\_\_\_

Cooling/Heating Loads

Gas furnace rating

Cooling equipment load

Use the larger of the two \_\_\_\_\_

Add to the total from the demand factor total \_\_\_\_\_