

Town of Hilton Head Island

Community Development Department

One Town Center Court
Hilton Head Island, SC 29928
Phone: 843-341-4757 Fax: 843-341-2087
www.hiltonheadislandsc.gov

FOR OFFICIAL USE ONLY	
Permit. #:	
Fee:	

APPLICATION PACKET FOR SINGLE FAMILY RESIDENTIAL BUILDING PERMIT

☐ New Structure ☐ Add	ion Detached Garage Modular Structure Accessory
Project Address: Parcel Number [PIN]: R	Subdivision: Flood Zone:
	ts and/or restrictions that are contrary to, conflict with, or prohibit the proposed covenants and/or restrictions must be submitted with this application. YES
Is the work that is to be complete 21,780 sq. ft.? YES NO	to include the building & area of the site that will be disturbed over.5 acres or
	onheadislandsc.gov for Building Plan Review and Approval fees. The Town accepts of Hilton Head Island. Credit cards are accepted as payment for some items.
to comply with licensing requirement begin work on a job without a busing	and entities involved in the construction, repair or renovation of structures are required sof the State of South Carolina and the Town. No contractor or sub-contractor shall solicense. Both the contractor and the sub-contractor shall be subject to a suspension ion 10-1-150 of the Town of Hilton Head Island Code of Ordinances.
authorized to submit this application complete. I hereby agree to abide by a shall apply to the subject property of Special Flood Hazard Zone be const	hereby made to perform work on the building and accompanying features, and I am To the best of my knowledge, information included in this application is factual and I conditions of any approvals granted by the Town and understand that such conditions ally. I acknowledge that the Town Municipal Code requires that all construction in a facted in accordance with floodplain provisions. I understand that failure to abide by codes adopted by the Town of Hilton Head Island deems me subject to enforcement

Name: Address:
Address:
Address.
Address:
Phone:
Email:
Primary Contact:
Name:
Address:
Address:
Phone:
Email:
Engineer:
Name:
Phone:
Email:
State License #:
Town License #:

Detailed Description of Work: - IF YOU ARE REMODELING THE INTERIOR OR ADDING SQ. FOOTAGE. PLEAS NOTE THAT YOU WILL UPDATE THE SMOKE AND CARBON MONOXIDE DETECTORS TO CURRENT CODE I APPLICABLE.	
	_
	_

BUILDING/LOT INFORMATION:						
Total Lot Size	Height measured from BFE					
	Maximum Height Allowed**					
Total Pervious (sq ft) for entire lot*	Number of Fireplaces					
Total Impervious (sq ft) for entire lot*	Type of Exterior Materials					
Heated Sq. Ft. (new or added)	Fire Alarm System	YES	□ NO			
Unheated Sq. Ft. (new or added)	Sprinklered	YES	□ 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					
AIR BARRIER TEST - Yes or No -	Blower Door Test - Yes or No					
if Yes, need prior to inspection	if Yes, need prior to CO OR					
being scheduled	FINAL inspection being scheduled					
Number of Elevators	Insulation (Prescriptive or Performance Base)					
*Total pervious and impervious should add up to the total lot size						

^{**} If the proposed height is within 10% of the maximum allowed, a height survey will be required once the framing is complete, prior to the rough-in inspection, showing the built height of the structure measured from the BFE

		44.0	
Material:	Wind Up	olift:	
Amount of Fasteners:	Years of	Guarantee:	
Type of Fasteners:			
Underlayment in compliant with Table R905.1.1(2)	ce Yes:	No:	
VALUE	OF CONSTRU	JCTION	
(includes	materials, lab	or, profit)	
	Φ		
Plumbing	5		
Plumbing Electrical	\$ \$		
<u> </u>	\$ \$ \$		
Electrical	Ψ		
VALUE (includes			

ROOF INFORMATION

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.

Encroachment Permit Resources

STATE: SCDOT

https://www.scdot.org/business/permits.aspx 13 Munch Drive Beaufort, SC 29906 843-524-7255

COUNTY: Beaufort County

https://www.beaufortcountysc.gov/public-works/encroachment-permit.html 120 Shanklin Road Beaufort, SC 29906 843-255-2800

TOWN OF HILTON HEAD ISLAND

Town of Hilton Head Island Application for Encroachment Permit (hiltonheadislandsc.gov)
One Town Center Court
Hilton Head Island SC 29928
843-341-4778

WINDOW AND DOOR DP RATINGS PER 2018 INTERNATIONAL CODE

Note:	This form	is required	for an	v construction tha	t includes new	or replacement windows or door
	11000 101110	is i equilities	,	y constitution mu	i incommendation	or reprincement without or noon

LOCATION OF WOR	RK TO BE							PERMIT #:	
Enter number of w	indows and chec	k the APPLICA	BLE boxes						
ZONE 5 = All wi ZONE 4 = All ot			or closer	to a corne	er	Design Pre	ssure Values a	re Pounds/S	Sq Ft (PSF)
WIND ZONE - A BASIC W	INLAND IND ZONE	(MPH 3	140 MPH SECOND	I (B & C E GUST)	XPC	OSURE)			
Mean Roof Height	ZONE (4)	# OF WINDOWS	# OF DOORS	# OF SKY LIGHTS		ZONE (5)	# OF WINDOWS	# OF DOORS	# OF SKY LIGHTS
□ 15'	□ DP 35				þ	□ DP 45			
□ 20'	□ DP 35			\square	L	□ DP 45			
□ 25'	□ DP 35				L	□ DP 45			
□ 30'	□ DP 35				L	□ DP 45			
□ 35'	□ DP 35			igwdot	L	□ DP 45			
□ 40 ′	□ DP 40			igwdot	L	□ DP 45			
□ 45'	□ DP 40			igwdot	L	□ DP 50			
□ 50 ′	□ DP 40					□ DP 50			
WIND ZONE -		<u>NT</u>		I (D EXPO					
BASIC WIND SPI	EED		(MPH 3	SECOND	GUS	ST)			
Mean	70NE (4)	# OF	#	# O	F	ZONE	# OF	# OF	# OF
Roof	ZONE (4)	WINDO				(5)	WINDOWS	DOORS	SKY
Height		WI.(B)	DOO		TS	(6)	WINDOWS	Doors	LIGHTS
□ 15'	□ DP 40					□ DP 50			
□ 20 ′	□ DP 45					□ DP 55			
□ 25'	□ DP 45					□ DP 55			
□ 30'	□ DP 50					□ DP 60			
□ 35'	□ DP 50					□ DP 60			
□ 40 °	□ DP 50				П	□ DP 65			
□ 45 ′	□ DP 55				П	□ DP 65			
□ 50 ′	□ DP 55					□ DP 65			
_ II: -b :		Type of Pro	otection	for Ope	eniı	ngs			
	mpact glass ved shutter								
Type of shutters/o		3							
U	Value:		So	lar Hea	ıt C	Gain Co-e	fficient:		
PRINT NAME		SIG	NATURE				D	ATE:	

FOR SOUTH CAROLINA PRESCRIPTIVE PATH FOR COMPLIANCE WITH THE 2015 IECC

WINDOWS AND INSULATION

FOUNDTION TYPE

Package	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	Baseme nt Wall R-Value	Slab R- Value And Depth	Crawl Space Wall R- Value
Climate Zone 3	0.50 0.65 if Impact resistant	0.65	0.30	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 any.

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	



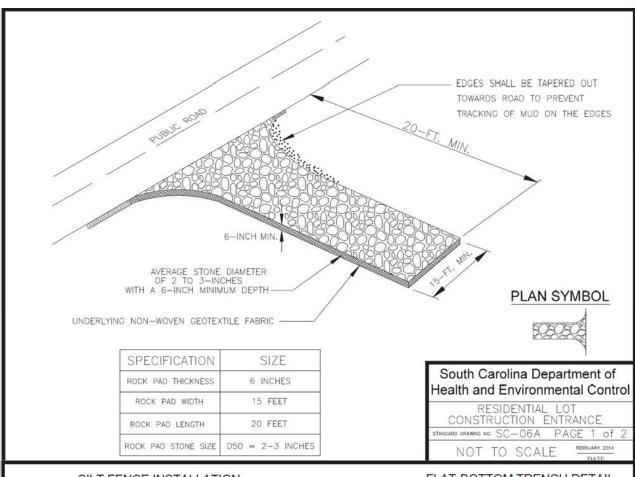
Town of Hilton Head Island

Engineering Division One Town Center Court Hilton Head Island, SC 29928

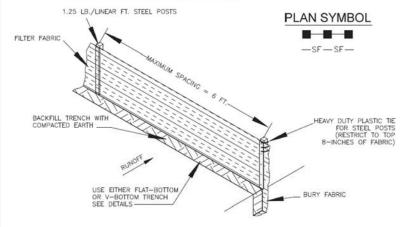
Phone: 843-341-4600 Fax: 843-842-8587 www.hiltonheadislandsc.gov

FOR OFFICIAL USE ONLY	
Date Received:	
Accepted by:	
BLD Permit #	

STORMWA	TER EROSION CONTROL AFFIDAVIT
Project Name:	Project Address:
Applicant/Agent Name:	
Owner Name:	
Parcel Number [PIN]: R	
Proposed Area of Disturbance* (acre	es):
Existing Impervious Area (sq. ft.): _	Proposed Impervious Area (sq. ft.)
• •	am the owner and or contractor responsible for job site compliance as gement Ordinance 16-5-109 Stormwater Management and Erosion and Sedimentation Control Standards
low/down slope side of the job 2. Installation and regular mainted of a 2 inch to 3 inch coarse ag thickness, 15 foot wide and ex 3. Removal of sediment from the and 4. Conduct no land disturbing ac 5. Provide temporary vegetation within 14 days of inactivity; a 6. Install any other best manager 7. All construction site activities Control (SCDHEC) General F I understand that if the disturbed area Coastal Receiving Water as defined by be submitted to the town for review and	ment measures as deemed necessary by the Town of Hilton Head Island. must adhere to the South Carolina Department of Health and Environmental Permit SC001000. for any reason becomes greater than 21,780 square feet and/or within ½ mile of a y SCDHEC, a formal Stormwater Management Plan (SWPPP) will be required to ad approval. I further acknowledge the Town's Building Inspectors may refuse to Town may issue Notices of Violation, Stop Work Orders, and/or Civil Penalties
Signature	Print Name
Title	Date Signed
Note: Further documentation may	be required upon review of the application.



SILT FENCE INSTALLATION



SILT FENCE - GENERAL NOTES

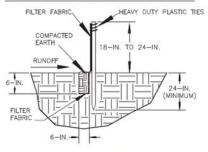
- Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
- 2. Maximum sheet or overland flow path length to the silt fence shall be 100-feet.
- 3. Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
- Silt fence joints, when necessary, shall be completed by one of the following options:

 Wrap each fabric together at a support post with both ends fastened to the post, with a 1-foot minimum overlap;
 In the foot minimum overlap;
 - minimum overlap;

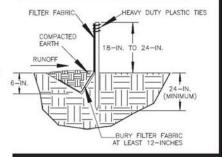
 Overlap silt fence by installing 3—feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy—duty plastic ties; or,

 Overlap entire width of each silt fence roll from one support post to the next support post.
- Attach filter fabric to the steel posts using heavy—duty plastic ties that are evenly spaced within the top 8-inches of the fabric.
- Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
- Install Sitt Fence Checks (Tie-Backs) every 50-100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL



South Carolina Department of Health and Environmental Control

SILT FENCE

STANDARD DRAWTING NO SC-03 Page 1 of 2

NOT TO SCALE FEBRUARY 2014

DATE