

COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2017 EFFECTIVE 1 JANUARY 2018
AND THE NATIONAL ELECTRICAL 2014 EFFECTIVE 1 JANUARY 2018

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES RESIDENTIAL AND THE NATIONAL ELECTRICAL CODE. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS, FBC 1609.3.1 THRU 1609.3.3.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES Revised 7/1/18

Website: http://www.columbiacountyfla.com/BuildingandZoning.asp GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Sele	Each C A	Box shall ircled as pplicable m Drop	l be
1 Two (2) complete sets of plans containing the following:	V			
2 All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void				
3 Condition space (Sq. Ft.) 2436 Total (Sq. Ft.) under roof 3713	Y	7es	No	NA

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL 107.1.

Site Plan information including:

19

20

Number of stories

4	Dimensions of lot or parcel of land	Yes	₹
5	Dimensions of all building set backs	Yes	₹
_	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	Yes	▼
7	Provide a full legal description of property.	Yes	▼

Wind-load Engineering Summary, calculations and any details are required.

Building height from the established grade to the roofs highest peak

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each	s to Include Box shall Circled as plicable	777
8	Plans or specifications must show compliance with FBCR Chapter 3	Yes	No	NA
		Select Fr	om Drop	down
9	Basic wind speed (3-second gust), miles per hour	Yes		V
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	Yes		▼
11	Wind importance factor and nature of occupancy	Yes		▼
12	The applicable internal pressure coefficient, Components and Cladding	Yes		▼
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	Yes		T
Ele	evations Drawing including:	-		
14	All side views of the structure	Yes		
15	Roof pitch	Yes		
16	Overhang dimensions and detail with attic ventilation	Yes		
17	Location, size and height above roof of chimneys	NA		
18	Location and size of skylights with Florida Product Approval	NA		▼

Yes

Yes

Floor Pl an Including:

termiticides

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	Yes	
22	Raised floor surfaces located more than 30 inches above the floor or grade	NA	
23	All exterior and interior shear walls indicated	Yes	✓
24	Shear wall opening shown (Windows, Doors and Garage doors)		
25	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each		
	bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	Yes	V
26	Safety glazing of glass where needed	Yes	▼
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	NA	•
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	NA	
29	Identify accessibility of bathroom (see FBCR SECTION 320)	Yes	

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

GENERAL REQUIREMENTS:

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)
38 Show all materials making up walls, wall height, and Block size, mortar type

39 Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each Box Circle Applic	ed as
FBCR 403: Foundation Plans		
	Select From	Drop dow
Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	Yes	
31 All posts and/or column footing including size and reinforcing	Yes	▼
Any special support required by soil analysis such as piling.	NA	▼
33 Assumed load-bearing valve of soil 1000 Pound Per Square Foot	Yes	
Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structu with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	Yes	V
FBCR 506: CONCRETE SLAB ON GRADE		
Show Vapor retarder (6mil. Polyethylene with pints la pol 6 inches and sealed)	Yes	_
Show control j oints, synthetic fiber reinforcement or welded fire fabric reinforcement and Sports	Yes	
FBCR 318: PROTECTION AGAINST TERMITES Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or		
37 Submit other approved termite protection methods. Protection shall be provided by registered	Yes	

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Items to Include-

NA

Yes

Floor Framing System: First and/or second story

Floor truss package shall including layout and details, signed and sealed by Florida Registered

	40	Professional Engineer	NA	V
	41	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	NA	▼
1	42	Girder type, size and spacing to load bearing walls, stem wall and/or priers	NA	V

43 Attachment of joist to girder44 Wind load requirements where applicable

45 Show required under-floor crawl space
 46 Show required amount of ventilation opening for under-floor spaces

47 Show required covering of ventilation opening

48 Show the required access opening to access to under-floor spaces

Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing

50 Show Draftstopping, Fire caulking and Fire blocking

Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6

Provide live and dead load rating of floor framing systems (psf).

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-Each Box shall be Circled as Applicable

NA

NA NA

NΑ

NA

NA

NA

NA

NA

NA

Select from Drop down

		cicct ii oiii	Drop down
53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	Yes	
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	Yes	
55	Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	Yes	▼
56	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	Yes	▼
57	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBC-R602.7.	Yes	▼
58	Indicate where pressure treated wood will be placed	Yes	▼
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	Yes	▼
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	Yes	

FBCR: ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10. 1 Wood trusses	Yes	▼
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	Yes	▼
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	Yes	·
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	Yes	
65	Provide dead load rating of trusses	Yes	▼

FBCR 802: Conventional Roof Framing Layout

66	Rafter and ridge beams sizes, span, species and spacing	Yes	
67	Connectors to wall assemblies' include assemblies' resistance to uplift rating	Yes	
68	Valley framing and support details	Yes	
69	Provide dead load rating of rafter system	Yes	

FBCR 803 ROOF SHEATHING

70	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	Yes	▼
71	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	Yes	T

ROOF ASSEMBLIES FRC Chapter 9

72	Include all materials which will make up the roof assembles covering	Yes	
73	Submit Florida Product Approval numbers for each component of the roof assembles covering	Yes	

FBCR Chapter 11 Energy Efficiency Code for Residential Building

Residential construction shall comply with this code by using the following compliance methods in the FBCR Chapter 11 Residential buildings compliance methods. Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Circl Appl	x shall be led as icable
		elect from I	
74	Show the insulation R value for the following areas of the structure	Yes	▼
75	Attic space	Yes	
76	Exterior wall cavity	Yes	
77	Crawl space	NA	▼
HY 78	AC information Submit two copies of a Manual J sizing equipment or equivalent computation study	Yes	▼
70	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or	103	
19	20 cfm continuous required	Yes	
80	Show clothes dryer route and total run of exhaust duct	Yes	
	imbing Fixture layout shown	1103	
	All fixtures waste water lines shall be shown on the foundationplan	Yes	▼
82	Show the location of water heater	Yes	
-	ivate Potable Water	1.00	_
83	Pump motor horse power	Yes	
	Reservoir pressure tank gallon capacity	Yes	
04			
85	Rating of cycle stop valve if used	Yes	V
85 Ele 86	ectrical layout shown including Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	Yes	\ \tag{\v}
85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	Yes Yes	▼
85 Ele 86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected	Yes	\[\frac{1}{2} \]
85 Ele 86 87	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	Yes Yes	V
85 E16 86 87 88	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A Show the location of smoke detectors & Carbon monoxide detectors	Yes Yes Yes	▼
E1 86 87 88 89	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A Show the location of smoke detectors & Carbon monoxide detectors Show service panel, sub-panel, location(s) and total ampere ratings On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	Yes Yes Yes Yes	\[\frac{1}{2} \]
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Items to Include-

Notice Of Commencement:

A notice of commencement form RECORDED in the Columbia County Clerk Office is required to be filed with the Building Department BEFORE ANY INSPECTIONS can be performed.

GENERAL REQUIREMENTS:	Items to Include- Each Box shall be
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Circled as
	Applicable

ITEMS 95, 96, & 98 Are Required After APPROVAL from the ZONING DEPT.

Select from Drop down

	Se	lect from	Drop down
93	Building Permit Application A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee. The completed application with attached documents and application fee can be mailed.	Yes	▼
94	Parcel Number The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	Yes	
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	Yes	
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	NA	
97	Toilet facilities shall be provided for all construction sites	Yes	▼
98	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.	NA	✓
99	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations (Municode.com)	Yes	▼
100	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.	NA	▼
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	NA	▼
102	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	NA	▼
103	911 Address: An application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	Yes	✓

Ordinance Sec. 90-75. - Construction debris. (e) It shall be unlawful for any person to dispose of or discard solid waste, including construction or demolition debris at any place within the county other than on an authorized disposal site or at the county's solid waste facilities. The temporary storage, not to exceed seven days of solid waste (excluding construction and demolition debris) on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance, shall not be deemed a violation of this section. The temporary storage of construction and demolition debris on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance shall not be deemed in violation of this section; provided, however, such construction and demolition debris must be disposed of in accordance with this article prior to the county's issuance of a certificate of occupancy for the premises. The burning of lumber from a construction or demolition project or vegetative trash when done so with legal and proper permits from the authorized agencies and in accordance with such agencies' rules and regulations, shall not be deemed a violation of this section. No person shall bury, throw, place, or deposit, or cause to be buried, thrown, placed, or deposited, any solid waste, special waste, or debris of any kind into or on any of the public streets, road right-of-way, highways, bridges, alleys, lanes, thoroughfares, waters, canals, or vacant lots or lands within the county. No person shall bury any vegetative trash on any of the public streets, road right-of-way, highways, bridges, lanes, thoroughfares, waters, canals, or lots less than ten acres in size within the county.

Disclosure Statement for Owner Builders:

If you as the Applicant will be acting as your own contractor or owner/builder under section 489.103(7) Florida Statutes, you must submit the required notarized Owner Builder Disclosure Statement form.

**This form can be printed from the Columbia County Website on the Building and Zoning page under Documents. Web address is - http://www.columbiacountyfla.com/BuildingandZoning.asp

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

Notification:

When the application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT		2015 cm11-	
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS		<u> </u>	
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS	3.7.		
F. OTHERS		V	
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			
The products listed below did not do	monetrate product approval at plan	review. Lunderstand that at the time of inspection of these prod	to the fellowine

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

 $Further, I \ understand \ these \ products \ may \ have \ to \ be \ removed \ if \ approval \ cannot \ be \ demonstrated \ during \ inspection.$

 NOTES: