



# Columbia County

## BUILDING DEPARTMENT

Revised Jan 2018

### COMMERCIAL MINIMUM PLAN CHECKLIST

**MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR THE 2017 FLORIDA BUILDING CODE ,FLORIDA PLUMBING CODE,FLORIDA MECHINICAL CODE,FLORIDA FUEL AND GAS CODE 2017 EFFECTIVE 1 JAN 2018 AND 2014 NATIONAL ELECTRICAL**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES. ALL PLANS OR DRAWING SHALL PROVIDED 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 DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609.3 (1) THROUGH (3) ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES**

GENERAL REQUIREMENTS:		Items to Include Each Box shall be Marked as Applicable			
1	All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void.	YES	NO	N/A	-
2	If the design professional is an architect or engineer legally registered under the laws of this state regulating the practice of architecture as provided for in Chapter 481, Florida Statutes, Part I, or engineering as provided for in Chapter 471, Florida Statutes, then he or she shall affix his or her official seal to said drawings, specifications and accompanying data, as required by Florida Statute.	YES	NO	N/A	-
3	The design professional signature shall be affixed to the plans	YES	NO	N/A	-
4	Two (2) complete sets of plans with the architecture or engineer signature and the date the affix embossed official seal was placed on the plans	YES	NO	N/A	-

**Two (2) complete sets of plans containing the following information:**

Building Site Plan Requirements		Items to Include- Each Box shall be Marked as Applicable			
4	Parking, including provision Florida Building Code Accessibility Code	Yes	No	N/A	-
5	Fire access, showing all drive way which will be accessible for emergency vehicles	Yes	No	N/A	-
6	Driving/turning radius of parking lots	Yes	No	N/A	-
7	Vehicle loading include truck dock loading or rail site loading	Yes	No	N/A	-
8	Nearest or number of onsite Fire hydrant/water supply/post indicator valve (PIV)	Yes	No	N/A	-
9	Set back of all existing or proposed structures from each structure and property boundaries, Show all separation including assumed property lines	Yes	No	N/A	-
10	Location of specific tanks(above or under grown , water lines and sewer lines and septic tank and drain fields	Yes	No	N/A	-

11	All structures exterior views include finished floor elevation						Yes	No	N/A	-	
12	Total height of structure(s) form established grade						Yes	No	N/A	-	
<p align="center"><b>Review required by the Columbia County Fire Department Items 13<sup>th</sup> 43</b>  <b>(We Contact the Fire Inspector For You.)</b></p>											
	Occupancy group use circle all uses:	Group A	Group B	Group E	Group F	Group H	Group I	Group M	Group R	Group S	Group U D
13	Special occupancy requirements.						Yes	No	N/A	-	
14	Incidental use areas (total square footage for each room of use area)						Yes	No	N/A	-	
15	Mixed occupancies						Yes	No	N/A	-	
16	REQUIRED SEPARATION OF OCCUPANCIES IN HOURS FBC TABLE 707.3.10						Yes	No	N/A	-	
Minimum type of permitted construction by code for occupancy use circle the construction type FBC 602											
17	Type I (FBC:602.2)	Type II (FBC:602.2)	Type III (FBC:602.3)	Type IV (FBC:602.4)	Type V (FBC:602.5)						
<b>Fire-resistant construction requirements shall be shown, include the following components</b>											
18	Fire-resistant separations						Yes	No	N/A	-	
19	Fire-resistant protection for type of construction						Yes	No	N/A	-	
20	Protection of openings and penetrations of rated walls						Yes	No	N/A	-	
21	Protection of corridors and penetrations of rated walls						Yes	No	N/A	-	
22	Fire blocking and draftstopping and calculated fire resistance						Yes	No	N/A	-	
<b>Fire suppression systems shall be shown include:</b>											
23	Early warning smoke evacuation systems Schematic fire sprinklers Standpipes						Yes	No	N/A	-	
24	Standpipes						Yes	No	N/A	-	
25	Pre-engineered systems						Yes	No	N/A	-	
26	Riser diagram						Yes	No	N/A	-	
<b>Life safety systems shall be shown include the following requirements:</b>											
27	Occupant load and egress capacities						Yes	No	N/A	-	
28	Early warning						Yes	No	N/A	-	
29	Smoke control						Yes	No	N/A	-	
30	Stair pressurization						Yes	No	N/A	-	
31	Systems schematic						Yes	No	N/A	-	
<b>Occupancy load/egress requirements shall be shown include:</b>											
32	Occupancy load						Yes	No	N/A	-	
33	Gross occupancy load						Yes	No	N/A	-	
34	Net occupancy load						Yes	No	N/A	-	
35	Means of egress						Yes	No	N/A	-	
36	Exit access						Yes	No	N/A	-	
37	Exit discharge						Yes	No	N/A	-	
38	Stairs construction/geometry and protection						Yes	No	N/A	-	
39	Doors						Yes	No	N/A	-	
40	Emergency lighting and exit signs						Yes	No	N/A	-	
41	Specific occupancy requirements						Yes	No	N/A	-	



42	Construction requirements	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
43	Horizontal exits/exit passageways	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-

Items to Include  
Each Box shall be  
Marked as  
Applicable

Structural requirements shall be shown include:					
44	Soil conditions/analysis	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
45	Termite protection	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
46	Design loads	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
47	Wind requirements	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
48	Building envelope	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
49	Structural calculations (if required)	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
50	Foundation <b>For</b> 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	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
51	Wall systems	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
52	Floor systems	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
53	Roof systems	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
54	Threshold inspection plan	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
55	Stair systems	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
Materials shall be shown include the following					
56	Wood	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
57	Steel	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
58	Aluminum	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
59	Concrete	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
60	Plastic	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
61	Glass	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
62	Masonry	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
63	Gypsum board and plaster	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
64	Insulating (mechanical)	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
65	Roofing	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
66	Insulation	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
Accessibility requirements shall be shown include the following					
67	Site requirements	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
68	Accessible route	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
69	Vertical accessibility	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
70	Toilet and bathing facilities	<input checked="" type="radio"/> Yes	<input type="radio"/> No	N/A	-
71	Drinking fountains	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
72	Equipment	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
73	Special occupancy requirements	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-
74	Fair housing requirements	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	-

Interior requirements shall include the following				
75	Review required by the Columbia County Fire Department Items 75 <sup>th</sup> 80	Yes	No	N/A
	Interior finishes (flame spread/smoke development)			
76	Light and ventilation	Yes	No	N/A
77	Sanitation	Yes	No	N/A
Special systems				
78	Elevators	Yes	No	N/A
79	Escalators	Yes	No	N/A
80	Lifts	Yes	No	N/A
Swimming pools				
81	Barrier requirements	Yes	No	N/A
82	Spas and Wading pools	Yes	No	N/A
83	Access required per Florida Building Code 454.1.2.5	Yes	No	N/A

Items to Include-Each Box shall be Circled as Applicable				
Electrical				
84	Wiring	Yes	No	N/A
85	Services <b>For</b> 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	No	N/A
86	Feeders and branch circuits	Yes	No	N/A
87	Overcurrent protection	Yes	No	N/A
88	Grounding	Yes	No	N/A
89	Wiring methods and materials	Yes	No	N/A
90	GFCIs	Yes	No	N/A
91	Equipment	Yes	No	N/A
92	Special occupancies	Yes	No	N/A
93	Emergency systems	Yes	No	N/A
94	Communication systems	Yes	No	N/A
95	Low voltage	Yes	No	N/A
96	Load calculations	Yes	No	N/A
Plumbing				
97	Minimum plumbing facilities	Yes	No	N/A
98	Fixture requirements	Yes	No	N/A
99	Water supply piping	Yes	No	N/A
100	Sanitary drainage	Yes	No	N/A
101	Water heaters	Yes	No	N/A
102	Vents	Yes	No	N/A
103	Roof drainage	Yes	No	N/A
104	Back flow prevention	Yes	No	N/A



105	Irrigation	Yes	No	N/A	-
106	Location of water supply line	Yes	No	N/A	-
107	Grease traps	Yes	No	N/A	-
108	Environmental requirements	Yes	No	N/A	-
109	Plumbing riser	Yes	No	N/A	-
<b>Mechanical</b>					
110	Energy calculations	Yes	No	N/A	-
111	<b>Review required by the Columbia County Fire Department Items 111<sup>th</sup> 114</b> Exhaust systems	Yes	No	N/A	-
112	Clothes dryer exhaust	Yes	No	N/A	-
113	Kitchen equipment exhaust	Yes	No	N/A	-
114	Specialty exhaust systems	Yes	No	N/A	-
<b>Equipment location</b>					
115	Make-up air	Yes	No	N/A	-
116	Roof-mounted equipment	Yes	No	N/A	-
117	Duct systems	Yes	No	N/A	-
118	Ventilation	Yes	No	N/A	-
119	Laboratory	Yes	No	N/A	-
120	Combustion air	Yes	No	N/A	-
121	Chimneys, fireplaces and vents	Yes	No	N/A	-
122	Appliances	Yes	No	N/A	-
123	Boilers	Yes	No	N/A	-
124	Refrigeration	Yes	No	N/A	-
125	Bathroom ventilation	Yes	No	N/A	-
Items to Include- Each Box shall be Marked as Applicable					
<b>Gas</b>					
126	<b>Review required by the Columbia County Fire Department Items 126<sup>th</sup> 134</b> Gas piping	Yes	No	N/A	-
127	Venting	Yes	No	N/A	-
128	Combustion air	Yes	No	N/A	-
129	Chimneys and vents	Yes	No	N/A	-
130	Appliances	Yes	No	N/A	-
131	Type of gas	Yes	No	N/A	-
132	Fireplaces	Yes	No	N/A	-
133	LP tank location	Yes	No	N/A	-
134	Riser diagram/shutoffs	Yes	No	N/A	-
<b>Notice of Commencement</b>					
135	A recorded (in the Columbia County Clerk Office) notice of commencement is required to be on file with the building department . <i>Before Any Inspections Will Be Done</i>	Yes	No	N/A	-
<b>Disclosure Statement for Owner Builders</b>					
		Yes	No	N/A	-

Private Potable Water						
136	Horse power of pump motor	SEE PAGE 7- ON HOW TO PROVIDE THIS DOCUMENTATION.	Yes	No	N/A	-
137	Capacity of pressure tank		Yes	No	N/A	-
138	Cycle stop valve if used		Yes	No	N/A	-
						Items to Include- Each Box shall be Marked as Applicable

**THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS**

139	<b>Building Permit Application</b>	A Building Permit Application is to be completed by following the checklist all supporting documents must be submitted. Completed Applications can be mailed with The \$15.00 application fee.	Yes	No	N/A	-
140	<b>Parcel Number</b>	The parcel number (Tax ID number) from the Property Appraiser is required. A copy of property deed is also required. (386) 758-1084	Yes	No	N/A	-
141	<b>Environmental Health Permit or Sewer Tap Approval</b>	A copy of an approved Environmental Health (386) 758-1058 waste water disposal permit or an approved City of Lake City(386) 752-2031 OR Count sewer tap letter is required before a building permit can be issued.  <b>Toilet facilities shall be provided for construction workers</b>	Yes	No	N/A	-
142	<b>Driveway Connection</b>	If the property does not have an existing access to a public road, then an application for a culvert permit must be made (\$25.00). County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. Culvert installation for commercial, industrial and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Use or joint use of driveways will comply with Florida Department of Transportation specifications. 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.	Yes	No	N/A	-
143	<b>Suwannee River Water Management District Approval</b>	All commercial projects must have an SRWMD permit issued or an exemption letter, before a building permit will be issued.	Yes	No	N/A	-
144	<b>Flood Management</b>	All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting 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 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) has not been established shall meet the requirements of section 8.7 of Columbia County Land Development Regulations. A development permit will also be required. The development permit cost is \$50.00	Yes	No	N/A	-
145	<b>Flood Management</b>	A CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED OR IT HAS BEEN DETERMINED BY THE PLAT	Yes	No	N/A	-
146	<b>911 Address</b>	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	No	N/A	-