



# Columbia County 48

## BUILDING DEPARTMENT

Revised 12/2023

### COMMERCIAL MINIMUM PLAN CHECKLIST

**MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR THE 2023 FLORIDA BUILDING CODE ,FLORIDA PLUMBING CODE,FLORIDA MECHINICAL CODE,FLORIDA FUEL AND GAS CODE 2023 EFFECTIVE 1 JAN 2023 AND 2020 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 (4) 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 <input checked="" type="checkbox"/>	No	N/A	-
12	Total height of structure(s) form established grade								Yes <input checked="" type="checkbox"/>	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>												
<b>Occupancy group use circle all uses:</b>		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	-
<b>Minimum type of permitted construction by code for occupancy use circle the construction type FBC 602</b>												
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 <input checked="" type="checkbox"/>	No	N/A	-
19	Fire-resistant protection for type of construction								Yes <input checked="" type="checkbox"/>	No	N/A	-
20	Protection of openings and penetrations of rated walls								Yes	No	N/A <input checked="" type="checkbox"/>	-
21	Protection of corridors and penetrations of rated walls								Yes	No	N/A <input checked="" type="checkbox"/>	-
22	Fire blocking and draftstopping and calculated fire resistance								Yes	No	N/A <input checked="" type="checkbox"/>	-
<b>Fire suppression systems shall be shown include:</b>												
23	Early warning smoke evacuation systems Schematic fire sprinklers Standpipes								Yes	No	N/A <input checked="" type="checkbox"/>	-
24	Standpipes								Yes	No	N/A <input checked="" type="checkbox"/>	-
25	Pre-engineered systems								Yes	No	N/A <input checked="" type="checkbox"/>	-
26	Riser diagram								Yes	No	N/A <input checked="" type="checkbox"/>	-
<b>Life safety systems shall be shown include the following requirements:</b>												
27	Occupant load and egress capacities								Yes <input checked="" type="checkbox"/>	No	N/A	-
28	Early warning								Yes	No	N/A <input checked="" type="checkbox"/>	-
29	Smoke control								Yes	No	N/A <input checked="" type="checkbox"/>	-
30	Stair pressurization								Yes	No	N/A <input checked="" type="checkbox"/>	-
31	Systems schematic								Yes	No	N/A <input checked="" type="checkbox"/>	-
<b>Occupancy load/egress requirements shall be shown include:</b>												
32	Occupancy load								Yes <input checked="" type="checkbox"/>	No	N/A	-
33	Gross occupancy load								Yes <input checked="" type="checkbox"/>	No	N/A	-
34	Net occupancy load								Yes <input checked="" type="checkbox"/>	No	N/A	-
35	Means of egress								Yes <input checked="" type="checkbox"/>	No	N/A	-
36	Exit access								Yes <input checked="" type="checkbox"/>	No	N/A	-
37	Exit discharge								Yes <input checked="" type="checkbox"/>	No	N/A	-
38	Stairs construction/geometry and protection								Yes	No	N/A <input checked="" type="checkbox"/>	-
39	Doors								Yes <input checked="" type="checkbox"/>	No	N/A	-
40	Emergency lighting and exit signs								Yes <input checked="" type="checkbox"/>	No	N/A	-
41	Specific occupancy requirements								Yes <input checked="" type="checkbox"/>	No	N/A	-



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

Items to Include  
Each Box shall be  
Marked as  
Applicable

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

- Slab Density Taken 98  
- METAL BUILDING

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)	Yes	No	N/A	-
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	- -metal Building
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	- FORT W. FIRE CODES ACROSS CR-18
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	Review required by the Columbia County Fire Department Items 111 <sup>th</sup> 114 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	- DONE BY AC SUB
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	- MICROWAVE
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	Review required by the Columbia County Fire Department Items 126 <sup>th</sup> 134 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	- microwave + frig.
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	- TBD Permit Review
<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 County 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 installation 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 911 Addressing Department by applying online.	Yes	No	N/A	-

Started process  
Septic Tank  
Add Const.  
Location  
Determined

Brett Crews Engineering  
Acquired  
Permits  
Approval