



Columbia County

BUILDING DEPARTMENT

Revised 3/15/12

MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR THE 2010 FLORIDA BUILDING CODE ,FLORIDA PLUMBING CODE,FLORIDA MECHINICAL CODE,FLORIDA FUEL AND GAS CODE 2010 EFFECTIVE 15 MARCH 2012 AND 2008 NATIONAL ELECTRICAL

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST

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-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES

| GENERAL REQUIREMENTS: | | Items to Include- Each Box shall be Circled as Applicable | | |
|-----------------------|---|--|-----------------------------|------------------------------|
| 1 | All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> 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. | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| 3 | The design professional signature shall be affixed to the plans | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> 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 | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |

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

| Building Site Plan Requirements | | Items to Include- Each Box shall be Circled 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 |
| Review required by the Columbia County Fire Department Items 13th 43 | | | | |

| 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 707.3.9 | | | | | | | | Yes | No | N/A |
| Minimum type of permitted construction by code for occupancy use circle the construction type FBC 602 | | | | | | | | | | | |
| 17 | Type I | Type II | Type III | Type IV | Type V | | | | | | |

| Fire-resistant construction requirements shall be shown, include the following components | | | | |
|---|---|-----|----|-----|
| 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 |
| Fire suppression systems shall be shown include: | | | | |
| 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 |
| Life safety systems shall be shown include the following requirements: | | | | |
| 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 |
| Occupancy load/egress requirements shall be shown include: | | | | |
| 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 | Yes | No | N/A |
| 43 | Horizontal exits/exit passageways | Yes | No | N/A |

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| Structural requirements shall be shown include: | | | | |
|---|---|-----|----|-----|
| 44 | Soil conditions/analysis | Yes | No | N/A |
| 45 | Termite protection | Yes | No | N/A |
| 46 | Design loads | Yes | No | N/A |
| 47 | Wind requirements | Yes | No | N/A |
| 48 | Building envelope | Yes | No | N/A |
| 49 | Structural calculations (if required) | Yes | No | N/A |
| 50 | Foundation 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 | No | N/A |
| 51 | Wall systems | Yes | No | N/A |
| 52 | Floor systems | Yes | No | N/A |
| 53 | Roof systems | Yes | No | N/A |
| 54 | Threshold inspection plan | Yes | No | N/A |
| 55 | Stair systems | Yes | No | N/A |
| Materials shall be shown include the following | | | | |
| 56 | Wood | Yes | No | N/A |
| 57 | Steel | Yes | No | N/A |
| 58 | Aluminum | Yes | No | N/A |
| 59 | Concrete | Yes | No | N/A |
| 60 | Plastic | Yes | No | N/A |
| 61 | Glass | Yes | No | N/A |
| 62 | Masonry | Yes | No | N/A |
| 63 | Gypsum board and plaster | Yes | No | N/A |
| 64 | Insulating (mechanical) | Yes | No | N/A |
| 65 | Roofing | Yes | No | N/A |
| 66 | Insulation | Yes | No | N/A |
| Accessibility requirements shall be shown include the following | | | | |
| 67 | Site requirements | Yes | No | N/A |
| 68 | Accessible route | Yes | No | N/A |
| 69 | Vertical accessibility | Yes | No | N/A |
| 70 | Toilet and bathing facilities | Yes | No | N/A |
| 71 | Drinking fountains | Yes | No | N/A |
| 72 | Equipment | Yes | No | N/A |
| 73 | Special occupancy requirements | Yes | No | N/A |
| 74 | Fair housing requirements | Yes | No | N/A |
| Interior requirements shall include the following | | | | |
| 75 | Review required by the Columbia County Fire Department Items 75 th 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 424 1 2 5.6 | Yes | No | N/A |

| Items to Include-Each Box shall be Circled as Applicable | | | | |
|--|---|---|----|---|
| Electrical | | | | |
| 84 | Wiring | <input checked="" type="checkbox"/> Yes | No | N/A |
| 85 | Services 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 | <input checked="" type="checkbox"/> Yes | No | N/A |
| 86 | Feeders and branch circuits | <input checked="" type="checkbox"/> Yes | No | N/A |
| 87 | Overcurrent protection | <input checked="" type="checkbox"/> Yes | No | N/A |
| 88 | Grounding | <input checked="" type="checkbox"/> Yes | No | N/A |
| 89 | Wiring methods and materials | <input checked="" type="checkbox"/> Yes | No | N/A |
| 90 | GFCIs | <input checked="" type="checkbox"/> Yes | No | N/A |
| 91 | Equipment | <input checked="" type="checkbox"/> Yes | No | N/A |
| 92 | Special occupancies | Yes | No | <input checked="" type="checkbox"/> N/A |
| 93 | Emergency systems | <input checked="" type="checkbox"/> Yes | No | <input checked="" type="checkbox"/> N/A |
| 94 | Communication systems | Yes | No | <input checked="" type="checkbox"/> N/A |
| 95 | Low voltage | Yes | No | <input checked="" type="checkbox"/> N/A |
| 96 | Load calculations | <input checked="" type="checkbox"/> Yes | No | N/A |
| Plumbing | | | | |
| 97 | Minimum plumbing facilities | <input checked="" type="checkbox"/> Yes | No | N/A |
| 98 | Fixture requirements | <input checked="" type="checkbox"/> Yes | No | N/A |
| 99 | Water supply piping | <input checked="" type="checkbox"/> Yes | No | N/A |
| 100 | Sanitary drainage | <input checked="" type="checkbox"/> Yes | No | N/A |
| 101 | Water heaters | <input checked="" type="checkbox"/> Yes | No | N/A |
| 102 | Vents | <input checked="" type="checkbox"/> Yes | No | N/A |
| 103 | Roof drainage | Yes | No | <input checked="" type="checkbox"/> N/A |
| 104 | Back flow prevention | Yes | No | <input checked="" type="checkbox"/> N/A |
| 105 | Irrigation | Yes | No | <input checked="" type="checkbox"/> N/A |
| 106 | Location of water supply line | <input checked="" type="checkbox"/> Yes | No | N/A |
| 107 | Grease traps | Yes | No | <input checked="" type="checkbox"/> N/A |
| 108 | Environmental requirements | Yes | No | <input checked="" type="checkbox"/> N/A |
| 109 | Plumbing riser | <input checked="" type="checkbox"/> Yes | No | N/A |
| Mechanical | | | | |
| 110 | Energy calculations | <input checked="" type="checkbox"/> Yes | No | N/A |
| 111 | Review required by the Columbia County Fire Department Items 111 th 114 Exhaust systems | Yes | No | <input checked="" type="checkbox"/> N/A |
| 112 | Clothes dryer exhaust | Yes | No | <input checked="" type="checkbox"/> N/A |
| 113 | Kitchen equipment exhaust | Yes | No | <input checked="" type="checkbox"/> N/A |
| 114 | Specialty exhaust systems | Yes | No | <input checked="" type="checkbox"/> N/A |
| Equipment location | | | | |
| 115 | Make-up air | <input checked="" type="checkbox"/> Yes | No | N/A |
| 116 | Roof-mounted equipment | Yes | No | <input checked="" type="checkbox"/> N/A |
| 117 | Duct systems | Yes | No | <input checked="" type="checkbox"/> N/A |
| 118 | Ventilation | Yes | No | <input checked="" type="checkbox"/> N/A |
| 119 | Laboratory | Yes | No | <input checked="" type="checkbox"/> N/A |
| 120 | Combustion air | Yes | No | <input checked="" type="checkbox"/> N/A |
| 121 | Chimneys, fireplaces and vents | Yes | No | <input checked="" type="checkbox"/> N/A |
| 122 | Appliances | Yes | No | <input checked="" type="checkbox"/> N/A |
| 123 | Boilers | Yes | No | <input checked="" type="checkbox"/> N/A |
| 124 | Refrigeration | Yes | No | <input checked="" type="checkbox"/> N/A |
| 125 | Bathroom ventilation | <input checked="" type="checkbox"/> Yes | No | N/A |
| Gas | | | | |
| 126 | Review required by the Columbia County Fire Department Items 126 th 134 Gas piping | Yes | No | <input checked="" type="checkbox"/> N/A |
| 127 | Venting | Yes | No | <input checked="" type="checkbox"/> N/A |

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| | | | | |
|--|--|--------------------------------------|----|--------------------------------------|
| 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 |
| Notice of Commencement | | | | |
| 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> | <input checked="" type="radio"/> Yes | No | N/A |
| Disclosure Statement for Owner Builders | | Yes | No | <input checked="" type="radio"/> N/A |

| | | | | | |
|------------------------------|---------------------------|---|-----|----|-----|
| Private Potable Water | | | | | |
| 136 | Horse power of pump motor | Well letter provided from the well driller | Yes | No | N/A |
| 137 | Capacity of pressure tank | | Yes | No | N/A |
| 138 | Cycle stop valve if used | | Yes | No | N/A |

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

| | | | | | |
|-----|--|--|--------------------------------------|----|--------------------------------------|
| 139 | Building Permit Application | A current On-Line Building Permit Application www.ccpermit.com is to be completed by following the checklist all supporting documents must be submitted. There is a \$15.00 application fee. | <input checked="" type="radio"/> Yes | No | N/A |
| 140 | Parcel Number | The parcel number (Tax ID number) from the Property Appraiser is required. A copy of property deed is also requested. (386) 758-1084 | <input checked="" type="radio"/> Yes | No | N/A |
| 141 | Environmental Health Permit or Sewer Tap Approval | A copy of an approved Environmental Health (386) 758-1058 waste water disposal permit or an approved City of Lake City (386) 752-2031 sewer tap is required before a building permit can be issued Toilet facilities shall be provided for construction workers | <input checked="" type="radio"/> Yes | No | N/A |
| 142 | Driveway Connection | 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 | <input checked="" type="radio"/> N/A |
| 143 | Suwannee River Water Management District Approval | 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 | Flood Management | 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 | Flood Management | A CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED. | Yes | No | N/A |
| 146 | 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 Ext. 3 | <input checked="" type="radio"/> Yes | No | N/A |

Pursuant to Chapter one (administration) section R101.2.1 of the Florida Building Code: Section 105.3.2 **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.

Pursuant to Chapter one (administration) section R101.2.1 of the Florida Building Code: Section 105.4.1 **Permit intent.** 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.

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.

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 of issuance of the new permit.

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.

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

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department.