



GROWTH MANAGEMENT DEPARTMENT
 201 SE 3rd ST, (Second Floor), Ocala, FL 34471
 (352) 629-8421; FAX: (352) 629-8264

BUILDING CODE GUIDELINES FOR PLUMBING INSPECTIONS

Building Code compliance is the obligation of design professionals and/or contractors. Plan Review and Inspection Guidelines are intended to be used by design professionals and contractors to ensure that construction plans and construction projects, at a minimum, address the code priorities that the City of Ocala Growth Management will be looking at during plan reviews and inspections. **These Guidelines are not all inclusive.** Additional requirements in the Florida Building Code may also apply to your project. If you need assistance with a code question, please consult the Fifth Edition (2014) Florida Building Code or contact the City of Ocala Growth Management at (352) 629-8421.

Abbreviations for Code Citations Found on Building Division Forms:

| Volume | Abbreviation |
|--|--------------|
| Fifth Edition (2014) Florida Building Code - Building | FBC |
| Fifth Edition (2014) Florida Building Code - Plumbing | FBCP |
| Fifth Edition (2014) Florida Building Code - Mechanical | FBCM |
| Fifth Edition (2014) Florida Building Code - Fuel Gas | FBCFG |
| Fifth Edition (2014) Florida Building Code - Existing Building | FBCEB |
| Fifth Edition (2014) Florida Building Code - Residential | FBCR |
| Fifth Edition (2014) Florida Building Code – Accessibility | FBCA |
| Fifth Edition (2014) Florida Building Code – Energy Conservation | FBCEC |
| 2011 National Electrical Code | NEC |
| National Fire Protection Association | NFPA |
| Mobile Home | FAC-15C |
| Ocala Municipal Code | OMC |

| General Information for all Permits | |
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| A. Permit Card | FBC105.7 |
| B. Approved site Plan | FBC107.3.5, OMC122.211, 122.285 |
| C. Approved Complete set of Plans | FBC107 |
| D. Sanitary Facilities on site | FBC3305.1, FBCP 311.1 |
| Rough Plumbing (under slab) | |
| A. Check minimum setbacks as per site plan if plans call for monolithic slab | |
| B. Drainage system | |
| 1. Waste piping | |
| a. Proper type fittings | FBCP 706, FBC-RP 3005 |
| b. Sized per fixture load | FBCP 710, FBC-RP 3005.4 |
| 2. Proper venting | FBCP Chpt. 9, FBCR Chpt. 31 |
| 3. Distance from trap to vent | FBCP Table 906.1, FBCR Table P3105.1 |
| 4. Proper fall/grade | FBCP 704.1, FBCRP Table 3005.4.2 |
| 5. Support base of stacks | FBCP 308.9, FBCRP 2605 |
| 6. Relieving arches on pipes passing through footings | FBCP 305.5, FBCRP 2603.5 |
| 7. PVC joints require purple primer | FBCP 705.8.2 |
| 8. Check for minimum facilities | FBCP 403 |
| 9. Proper sanitary test | FBCP 312.2, FBCRP 2503.5 |
| C. Water Distribution | |



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|---|---|
| 1. Proper type fitting and pipe | FBCP Tables 605.3 & 605.4 FBCR Tables P2904.5 & P2904.6 |
| 2. Sized properly | FBCP Table 603.1, FBCR Table P2903.2b |
| 3. Pipe protection | FBCP 305, FBCRP 2603 |
| 4. Annular space between sleeves and pipes to be filled | FBCP 305.4, FBCRP 2603.4 |
| 5. Pressure test | FBCP 312.5, FBCRP 2503.7 |
| 2nd Rough Plumbing: | |
| A. Waste arms (proper fall and distance from vent) | FBCP Table 906.1, FBCRP Table 3105.1 |
| B. Vents | |
| 1. All stacks complete and a minimum 6" penetration thru roof | FBCP 904.1, FBCRP 3103.1 |
| 2. Proper distance from door and window openings | FBCP 904.5, FBCRP 3103.5 |
| 3. Horizontal dry vents to be 6" above flood level rim of highest fixture being served | FBCP 905.5, FBCRP 3104.5 |
| 4. Proper support of piping | FBCP Table 308.5, FBCRP Table. 2605.1 |
| 5. Nail guard protection for piping passing thru plates and studs | FBCP 305.8, FBCRP 2603.2.1 |
| 6. Horizontal piping in attic area where batt insulation is installed shall be above such insulation | FBCEC 303.2.3 |
| 7. Vents properly sized | FBCP 916, FBCRP 3113 |
| C. Water Distribution | |
| 1. Proper pipe and fittings | FBCP-Table 605.3 & 605.4 FBCRP Table 2904.5 & P2904.6 |
| 2. Minimum pressure test | FBCP 312.5, FBCRP 2503.7 |
| 3. Pressure balance valves for showers valves and combination tub and shower valves | FBCP 424.3, 424.4, FBCRP 2708.3 |
| 4. Hammer arrestors required on quick closing valves | FBCP 604.9, FBCRP 2903.5 |
| 5. Proper support of piping | FBCP 308.5, FBCRP Table 2605.1 |
| 6. Nail Guard protection for pipes passing thru plates and studs | FBCP 305.8, FBCRP 2603.2.1 |
| 7. All horizontal piping in attic areas where batt insulation is to be installed shall be above such insulation | FL Energy Code 303.2.3 |
| 8. Sized properly | FBCP Table 603.1, FBCR Table 2903.2b |
| D. Tubs and Showers | FBCP Ch.4 FBCRP Ch. 27 |
| 1. Tubs to be set and secured | |
| a. Waste and overflow to be installed | |
| b. Tub valve installed | |
| c. Tub box to be sealed | |
| d. Fiberglass units to be fastened to studs | |
| e. Water test | FBCP 312.9, FBCRP 2503.6 |
| 2. Shower pans to be set | |
| a. Formed vinyl shower pans are to be secured in place on all sides turned up a minimum of 3" above the finished curb. Liners shall be pitched 1/4 inch per foot towards the drain. | FBCP 417.5.2, FBCRP 2709.2 |
| b. Liners shall be recess as to not occupy space of wall covering | FBCP 417.5.2, FBCRP 2709.3 |
| c. Fiberglass units to be fastened to studs | |
| d. Water test | FBCP 312.9 |
| E. Pan drain and relief line proper size | FBCP 504.7.1, FBCRP 2801 -2803 |
| F. Check for proper fixture clearances | FBCP 405.3, FBCRP 2705.1 |



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| Final Plumbing: | |
| A. Locate main water shut off; if exterior of building must be in approved valve box | FBCP 606.1, FBCRP 2903.9.1 |
| B. Closed water distribution systems require thermal expansion protection | FBCP 607.3, FBCRP 2903.4 |
| C. Backflow prevention on all hose bibs | FBCP 608.15.4.2, FBCRP2902.3.3 2902.4.3 |
| D. Pan drain and relief termination | FBCP 504.7.1 & 504.6.1 FBCRP 2801.5.2 & P2803.6.1 |
| E. Check for reversed hot and cold water to fixtures | FBCP 607.4 |
| F. Stops and p-traps installed on fixtures | FBCP 1002 , FBCRP 3201 |
| G. All fixtures set and secured with working water pressure | FBCP 405, FCBRP 2705 |
| H. Be sure water service and sewer inspections have been made | |
| I. Ensure there is a shut off valve at water heater and it is in the correct location | |
| Sewer/Septic Hookup: | |
| A. Clean-out a minimum 18" clearance from building | FBCP 708.8, FBCRP 3005.2.5 |
| B. Sized properly | FBCP 710, FBCRP 3005.4 |
| C. Proper fall and bedded-in | FBCP 306.2, FBCRP 2604.1 |
| D. Sealed completely at septic tank | |
| F. Approved piping material | FBCP Table 702.3, FBC-R Table P3002.2 |
| G. Proper separation from water service piping | FBCP 603.2, FBCRP 2905.4.2 |
| H. Proper test | FBCP 312.6, FBCRP 2503.4 |
| Water Service: | |
| A. Sized properly | FBCP Table 603.1, FBCRP Table P2903.2b |
| B. Approved piping material | FBCP 605.3, FBCRP 2905.5 |
| C. Proper burial depth (min. 12") | FBCP 305.6, FBCRP 2603.6 |
| D. Main shut off valve installed | FBCP 606.1, FBCRP 2903.9.1 |
| E. Thermal expansion protection if needed | FBCP 607.3, FBCRP 2903.4 |
| Final Irrigation: | |
| A. Approved backflow preventer | FBCP 608.16.5, FBCRP P2902.5.3 |
| B. Rain sensor installed | F.S. Chapter 373.62 |
| C. Heads installed and complete , minimum 12" from building | 316.1 |
| Final Plumbing for Well Pump: | |
| A. Check for proper tank size | FBCP 614.2 |
| B. Check for proper pump size | FBCP Table 614.1 |
| C. Check-valve installed | FBCP 614.6 |
| D. Pressure relief valve installed | FBCP 614.6 |
| E. Residential Water System Certification must be on jobsite to ensure proper sizing of equipment being installed. | |
| Residential Sprinkler Piping | |
| | FBCRP 2904 |

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