



Building Division
 201 SE 3rd STREET (Second Floor)
 OCALA, FL 34471
 Phone: (352) 629-8421

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 2017 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

2017 Florida Building Code - Building
 2017 Florida Building Code - Plumbing
 2017 Florida Building Code - Mechanical
 2017 Florida Building Code - Fuel Gas
 2017 Florida Building Code - Existing Building
 2017 Florida Building Code - Residential
 2014 National Electrical Code
 2017 National Fire Protection Association
 Mobile Home
 Ocala Municipal Code

Abbreviation

FBC-B
 FBC-P
 FBC-M
 FBC-G
 FBC-EB
 FBC-R
 NEC
 NFPA
 FAC-15C, MH04 02
 OMC

General Information for all Permits	
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	
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



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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