



# City of Boca Raton

## Code Compliance Division/Building

CITY HALL • 201 WEST PALMETTO PARK ROAD • BOCA RATON, FLORIDA 33432-3795 • PHONE: (561) 393-7930 FAX (561) 367-7049

### Expedited Plan Review Submittal Form; Commercial Projects

#### Plumbing/ Gas

Project Name: Address:	
Owner: Address: Phone:	
Contractor: Address: Phone: Contact:	
Plumbing Engineer of Record: Address: Phone: Contact:	
<input type="checkbox"/> High-Rise <input type="checkbox"/> New Construction <input type="checkbox"/> Interior Renovation; Circle Appropriate FEBC Alteration Level: 1, 2 or 3 <input type="checkbox"/> Private Provider [ <input type="checkbox"/> Check Box if Private Provider Plan Review]	

#### Definition of Symbols used in this Form:

*OK* – Information Provided on Plans

*S* – Supplemental Information Attached for Review

*N/A* – Information Not Applicable for this Project

Please complete and submit this form, along with the permit set of drawings to the Boca Raton Building Department for “expedited” plan review. This form is an interactive “Word” document that allows entries and comments to be made directly to the form. The boxes automatically expand if more room is needed for design professional commentary.

Design Professionals are requested to respond to each item under “Required Information” by indicating whether the information for each item is “Provided on Plans” (OK), “Attached for Review” (S) or “Not Applicable” (N/A); and, provide “Location Information (with Commentary as needed)”.

The *Expedited Plan Review Submittal Form* establishes a means whereby Plan Examiners can readily evaluate, identify and determine that plan features are in compliance with applicable 2010 Florida Building and all state and local building codes and ordinances. This form is in accordance with Section 19-113, of the Boca Raton Code of Ordinances “*Minimum*

Plan Review Criteria for Buildings”, and serves to mitigate potential plan review comments, reduce the need for 2<sup>nd</sup> reviews and expedite permit issuance.

<b>Required Information</b> [Per the 2010 Florida Building, Plumbing & Fuel Gas Codes]	<b>OK, N/A, S</b>	<b>Location Information (Sheet No.) and/or Commentary (as needed)</b> [Location may reference more than one sheet]
<b>Plumbing</b>		
Minimum Plumbing Facilities (provide calculations for minimum plumbing fixtures for each type of occupancy).		
Plumbing Floor Plans		
Potty Parity (restaurants, assembly occupancies)		
Single Facilities (location of employee facilities)		
Unisex Toilet and/or Bathing Rooms		
ADA (fixture requirements)		
Hose Bibbs (vacuum breakers)		
Sanitary Drainage (provide sizing of building drain, sewer, horizontal branches and stacks)		
Floor Drains (trap primers, venting)		
Sanitary Sewer Vents (provide types of venting and sizing calcs)		
Back- flow Prevention ( location of backflows/ types of backflow protection, interior locations w/drain)		
Irrigation (reclaimed or potable, backflow protection)		
Water Service & Supply Line (size and location of water service. location of main shutoff and backflow protection)		

Thermal Expansion Device (installed on waterline w/ backflow)		
Air Hammer Arresters (properly sized, ASSE-1010 approved)		
Main Soil/Vent Stack (size/location)		
<b>Required Information</b> [Per the 2010 Florida Building, Plumbing & Fuel Gas Codes]	<b>OK, N/A, S</b>	<b>Location Information (Sheet No.) and/or Commentary (as needed)</b> [Location may reference more than one sheet]
Engineered Vent System (safe waste system)		
Venting Details for Fixtures		
Grease Traps (comply with ASME A 112.14.3 OR PDI G101. provide calculations for sizing)		
Required Clean-outs Identified		
Sanitary Drainage (piping properly sized, slope, branch drains)		
Storm Water Piping (sized w/calcs, termination, backwater valves)		
Emergency Roof Drains & Scuppers (properly sized, number and location detail)		
Roof Drainage (primary and secondary roof drainage. calculations for sizing)		
Catch Basin /Sewer Laterals, (intersection w/potable water details )		
Plumbing Riser (access and location of full-open and shutoff valves, water supply to fixtures sized correctly)		
Design Flood Elevation		
Domestic Water Pumps (manufacturer, type, pressure gauges at piping and operating ranges)		

Domestic Water Booster Pumps and Piping (manufacturer, type, piping type, hangers and supports, pressure gauges at piping and operating ranges)		
Water Supply Pressure Reducers (hi-rise and/or high pressure water supply piping)		
Fire Pump & Piping (model, type, manufacturer, pressure gauges at piping and operating ranges)		
<b>Required Information</b> [Per the 2010 Florida Building, Plumbing & Fuel Gas Codes]	<b>OK, N/A, S</b>	<b>Location Information (Sheet No.) and/or Commentary (as needed)</b> [Location may reference more than one sheet]
Main Domestic Water Service From City (water backflow and location, cut sheets, size of water service pipe, shut off valve)		
Supply and Distribution Piping (design, one line hot, cold schematic & sanitary, materials must be code approved)		
Swimming Pool Piping (backflow protection, wastewater discharge termination)		
Toilets (elongated seats for public/employee use)		
Showers (anti-scald valves, pan, waterproofing, dimensions)		
Residential & Common Area Water Heaters (manufacturer, type (gas, oil, electric, solar, t & p valve and drain line size and termination, location within the individual units or at central locations )		
<b>Gas</b>		
Boilers ( pressure gauges , piping, operating ranges, special requirements, fire rated boiler room)		

Gas Piping Plan (meter location, sizing, required volume of gas, shut-off valves, one line schematic, buried building piping, drips, supports, underground piping, type of materials, test specified)		
Fuel Piping (sizing, required volume of gas, shut-off valves, one line schematic)		
Venting of Gas Pressure Regulators (condensation discharge, cut sheets, installation details, sizing).		
Combustion Air/Make-up/Ventilation Air ( provide methods used to supply gas appliances)		
<b>Required Information</b> [Per the 2010 Florida Building, Plumbing & Fuel Gas Codes]	<b>OK, N/A, S</b>	<b>Location Information (Sheet No.) and/or Commentary (as needed)</b> [Location may reference more than one sheet]
Chimneys/Vents (cut sheets, developed length, sizing calcs, clearances, terminations)		
Support for Vents		
Outside Use of Pipe or Tubing (gas lights, grilles and/or swimming pool heaters)		
Pool Heaters (specs, installation details, capacity, BTU's)		
Appliances in Locations Subject to Flammable Vapors		
Roof Top Installations		
Type of Gas (LP or natural gas).		
Direct Vent Appliances (intake, exhaust termination & separation)		
Insta-Hot Water Heaters (vent, condensation discharge)		
Fireplaces (specs, location and type, combustion air, . direct vent, natural gas)		

LP Tank (location, review required by city fire department)		

The plumbing and/or gas plans were reviewed and to the best of my belief; and as indicated on this form, comply with the 2010 Florida Building, Plumbing and Fuel Gas Codes.

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Signature & Seal of Plumbing Engineer of Record

Seal