

BUILDER BULLETIN #2018-02 (01)

(April 27, 2018)

IMPORTANT NOTICE TO BUILDERS

CERTIFIED MODEL WATER PIPE AND PLUMBING DATA SHEET AND INTERIOR WATER PIPE LAYOUT

As per the previous Builder Bulletin issued on March 12, 2018, the submission of the certified models for residential plans of subdivision has been updated to now include the requirement for sizing of water service and supply lines effective May 1, 2018.

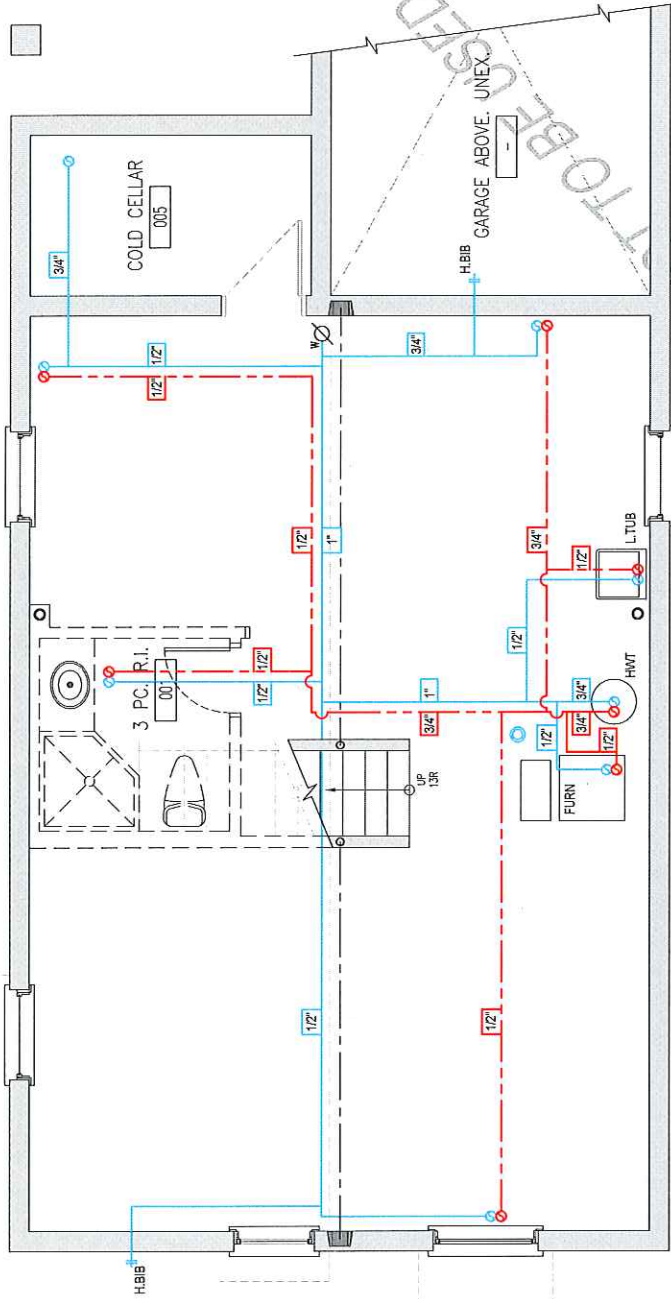
For your assistance, please find attached a sample interior water pipe layout (Dwg. No. P101) for a typical house along with the completed Certified Model Water Pipe and Plumbing Data Sheet. This drawing is to serve as a sample layout only. The additional drawings (Dwg. No. P102 and P103) are for reference only to illustrate that the hot and cold water line and risers line up with the plumbing fixtures on the floors above. You are only required to include the interior water pipe layout basement plan and data sheet with you certified model applications.

As a reminder, the schematic drawing for the interior water pipe layout for the house must be designed by a qualified designer with the minimum OBC qualification of Plumbing-House 2012. A completed Schedule 1 will be required as well with the certified model submission.

For any questions, clarification or to obtain general information regarding the above please contact –

Anthony Magnone, Regulatory Co-ordinator, City of Brampton, Building Division

DRAWINGS ARE NOT TO BE USED FOR PERMIT SUBMISSION



1 SAMPLE PROPOSED BASEMENT PLAN - PLUMBING
1/4" = 1'-0"

GENERAL NOTES:

1. DRAWINGS ARE TO BE PRINTED IN COLOUR.
2. WHERE A 3/4" TUB SCOUT/ SCROT CONNECTION IS USED ON THE BATHUB FAUCET THE WATER SUPPLY PIPE SHALL BE 3/4" TO THE BRANCH FOR THE BATHUB.
3. BASEMENT BATHROOM ROUGH-IN SHALL BE USED IN SIZING OF WATER PIPE.

LEGEND:

SYMBOL	DESCRIPTION (SEE PLAN FOR PIPE SIZES)
	PROPOSED HOT WATER LINE AND RISER
	PROPOSED COLD WATER LINE AND RISER
	FLOOR DRAIN.
\varnothing_w	WATER METER. PROVIDE SUPPLY PIPE SIZE / DIAMETER.

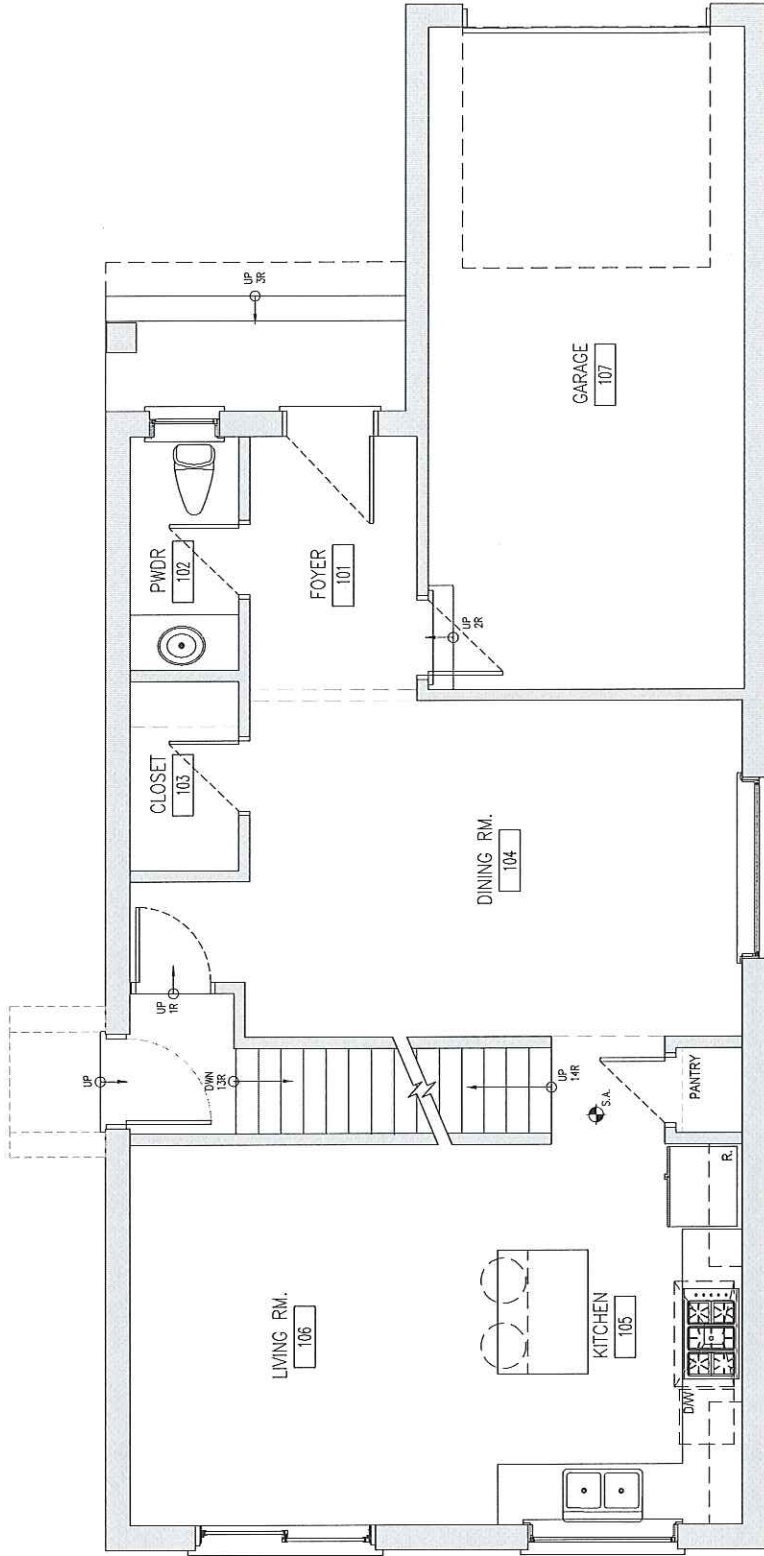
PROJECT:
BASEMENT LAYOUT
DOMESTIC WATER DESIGN SAMPLE

BRAMPTON
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CITY OF BRAMPTON, ON
8850 MCLAUGHLIN RD. UNIT #1
PLANNING AND INFRASTRUCTURE SERVICES

DESIGN BY:	DATE:
DRAWN BY:	DATE:
CHECKED BY:	DATE:
DATE:	AS NOTED
FILE:	
PROJECT NO:	DRAWING NO:

PLBG P101

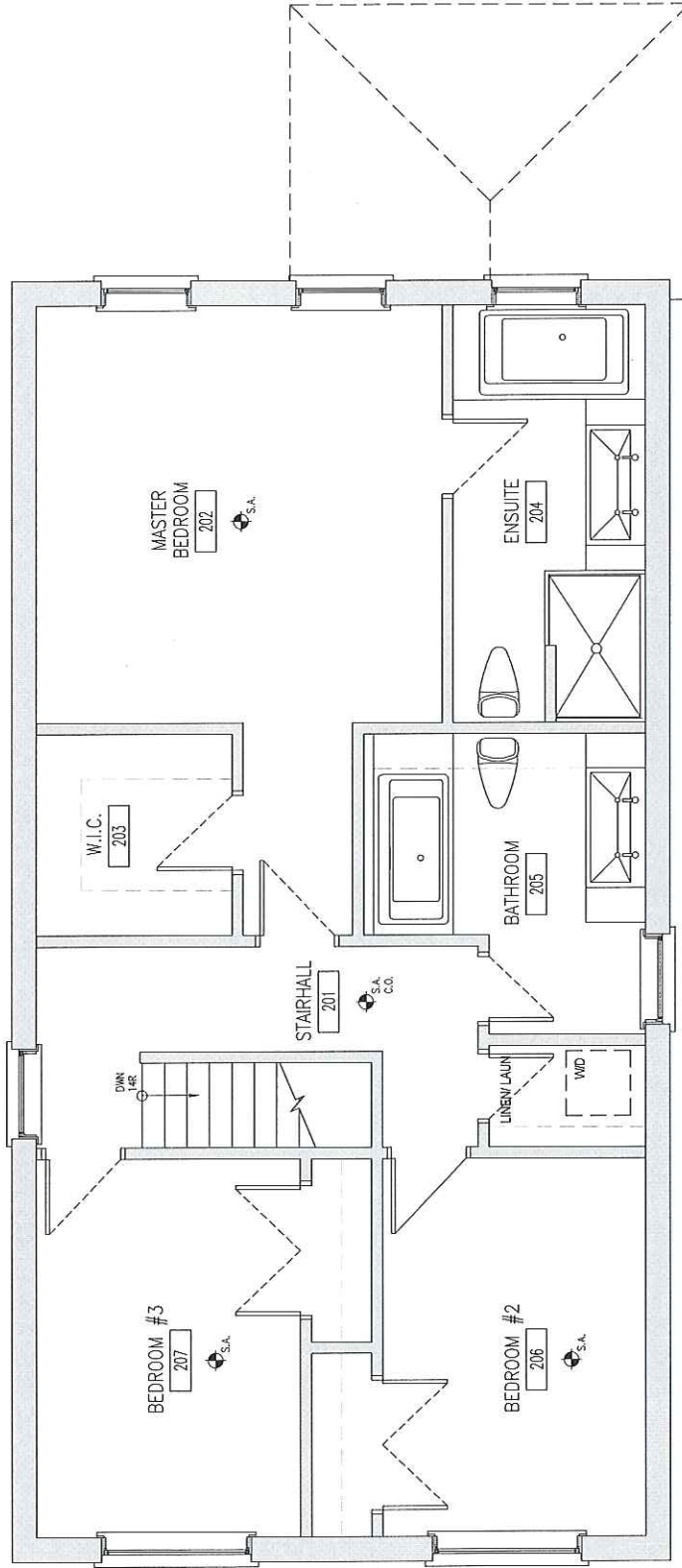


1 SAMPLE GROUND FLOOR PLAN
 1/4" = 1'-0"


PROJECT:	GROUND FLOOR LAYOUT FOR REFERENCE ONLY	DESIGNED BY:	PLB
DATE:	APRIL 14, 2018	CHECKED BY:	PLB
PROJECT NO.:	PLBG P102	DATE:	APRIL 14, 2018
DRAWING NO.:		PROJECT NO.:	PLBG P102
		DATE:	APRIL 14, 2018
		PROJECT NO.:	PLBG P102
		DATE:	APRIL 14, 2018
		PROJECT NO.:	PLBG P102
		DATE:	APRIL 14, 2018
		PROJECT NO.:	PLBG P102
		DATE:	APRIL 14, 2018

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1 SAMPLE SECOND FLOOR PLAN
 1/4" = 1'-0"

PROJECT: SECOND FLOOR LAYOUT FOR REFERENCE ONLY	DESIGN BY:	DATE:
	BY:	DATE:
 BRAMPTON Flower City brampton.ca	CHECKED BY:	DATE:
	DATE:	DATE:
CITY OF BRAMPTON, ON 8850 McLAUGHLIN RD. UNIT #1 PLANNING AND INFRASTRUCTURE SERVICES	PROJECT NO:	DATE:
	PROJECT NO:	DATE:
PLBG P103	DRAWING NO:	DATE:
	DRAWING NO:	DATE:

WATER PIPE SIZING AND PLUMBING DATA SHEET

CERTIFIED MODEL WITH ONE DWELLING UNIT

THIS TABLE IS APPLICABLE FOR A HOUSE **AFTER** DECEMBER 31, 2017

Builder Name:
Address:
Permit Application #:

Please enter the number of individual fixtures as listed and bathroom groups⁽⁶⁾ or powder room groups⁽⁷⁾ per floor. The fixture units and required minimum size of water service will automatically be calculated.

Description	Basement Floor	First Floor	Second Floor	Third Floor
	Qty.	Qty.	Qty.	Qty.
Bathroom group ⁽⁶⁾	1		2	
Bidet				
Extra Shower			1	
Lav			2	
Bar Sink				
Powder room ⁽⁷⁾		1		
Kitchen Sink		1		
Dishwasher		1		
Laundry Tub	1			
Washing Machine			1	
Hose Bib		2		

Total Fixture Units

27.1

Size Of Water Services (Inch)

1 ∅

Note:

- (1) A potable water system shall be designed, constructed and installed to conform to good engineering practice appropriate to the circumstances, such as that described in the ASHRAE Handbooks and ASPE Data Books.
- (2) No water system between the point of connection with the water service pipe or the water meter and the first branch that supplies a water heater that serves more than one fixture shall be less than ¾ in. in size.
- (3) The minimum water pressure at the entry to the building is 200 kPa, and the total maximum length of the water system is 90 m.
- (4) In a hot water distribution system of a developed length of more than 30 m from the HWT to the farthest fixture or supplying more than 4 storeys, the water temperature shall be maintained by, (a) recirculation, or (b) a self-regulating heat tracing system.
- (5) Where piping may be exposed to freezing conditions, it shall be protected from the effects of freezing.
- (6) A bathroom group consists of 1 water closet, 1 lavatory, and 1 bathtub (with or without showerhead)
- (7) A powder room group consists of 1 water closet and 1 lavatory.