

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: GREENPARK HOMES
 Certified Model Name: GRANDBROOKE 1 - LOT 14
 Optional Floor Layout:
 Application No.:


SWhite

The Ontario Building Code Div. B, 7.6.3 regulates size and capacity of pipes for a new house. 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.

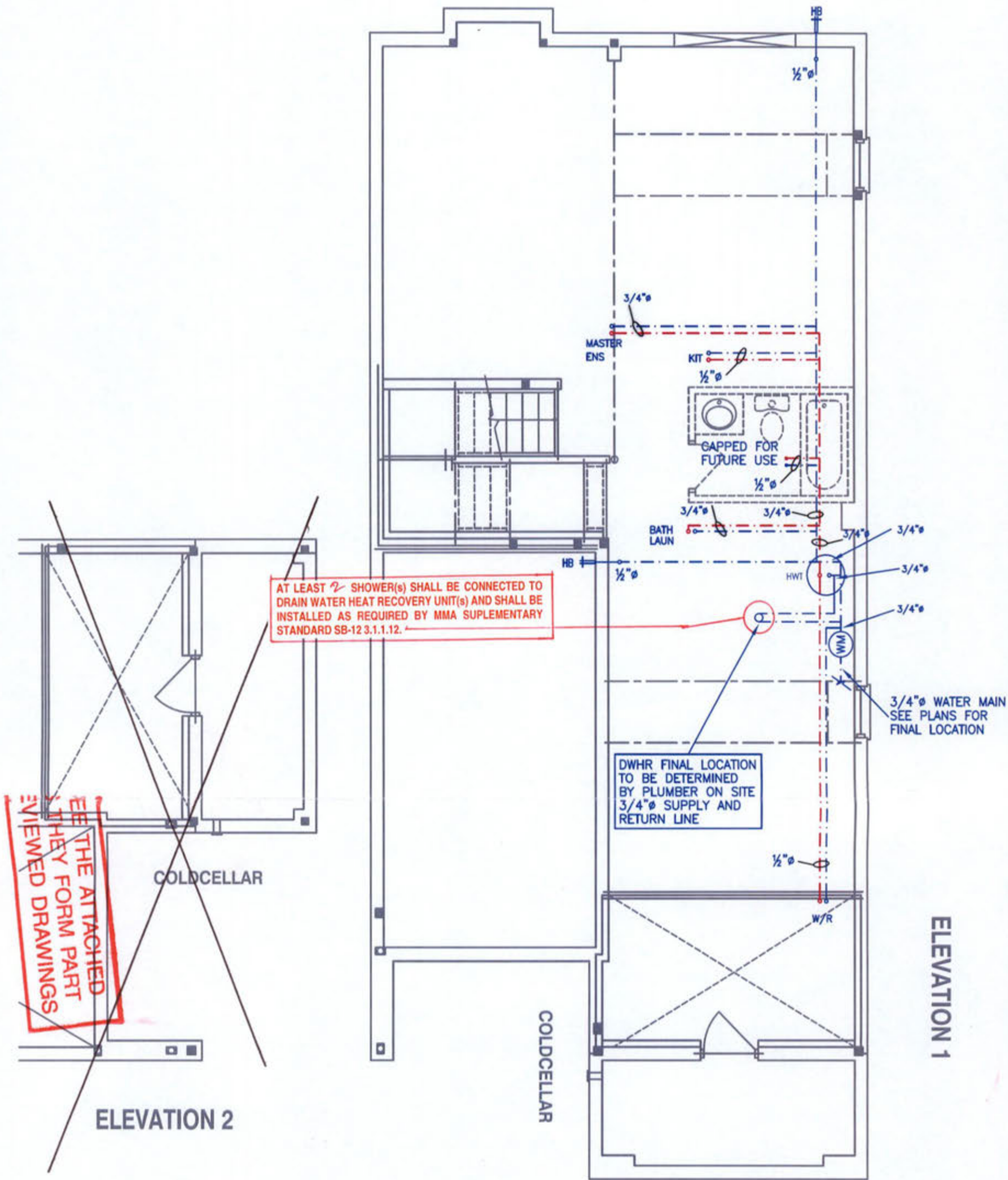
Description	Basement Floor	First Floor	Second Floor	Third Floor
	Qty.	Qty.	Qty.	Qty.
Bathroom group ⁽⁶⁾	1		2	
Bidet				
Extra Shower			1	
Lav				
Bar Sink				
Powder room ⁽⁷⁾		1		
Kitchen Sink		1		
Dishwasher		1		
Laundry Tub			1	
Washing Machine			1	
Hose Bib		2		

 Total Fixture Units **25.7**

 Minimum Diameter of Water Service Pipe
 Required from the Property Line to the House (Inch) **3/4**
Notes:

- (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.

**PLEASE SEE
NOTES AS
OF THE RE**



ALL PLUMBING SHALL CONFORM TO THE ONTARIO BUILDING CODE, O.B.C. 332/12, AS AMENDED, DIVISION B, PART 7.

NOTES

1. DRAWINGS ARE TO BE PRINTED IN COLOUR
2. WHERE A 3/4"Ø TUB SPOUT/ SPIGOT CONNECTION IS USED ON THE BATHTUB FAUCET THE WATER SUPPLY PIPE SHALL BE 3/4"Ø TO THE BRANCH FOR THE BATHTUB
3. BASEMENT BATHROOM ROUGH-IN SHALL BE USED IN SIZING OF WATER PIPE
4. EXACT LOCATION OF ALL PLUMBING PIPING TO BE DETERMINED ON SITE

LEGEND

SYMBOL	DESCRIPTION (SEE PLAN FOR PIPE SIZING)
WM	WATER METER, PROVIDE SUPPLY PIPE SIZE/ Ø
HB	HOSE BIB
—	PROPOSED COLD WATER LINE & RISER
—	PROPOSED HOT WATER LINE & RISER
FD	FLOOR DRAIN



Client
GREENAPRK HOMES

Project Name
LOT 14

MINNISALE HOMES CORP
BRAMPTON, ONTARIO

GRANDBROOKE 1 2312 sqft

HVACDESIGNS LTD.

375 Finley Ave. Suite 202 - Ajax, Ontario
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Web: www.hvacdesigns.ca
Specializing in Residential Mechanical Design Services

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BUILDING DIVISION
REVIEWED

NOV 23 2018

PLUMBING BY
KOFI MORIEL

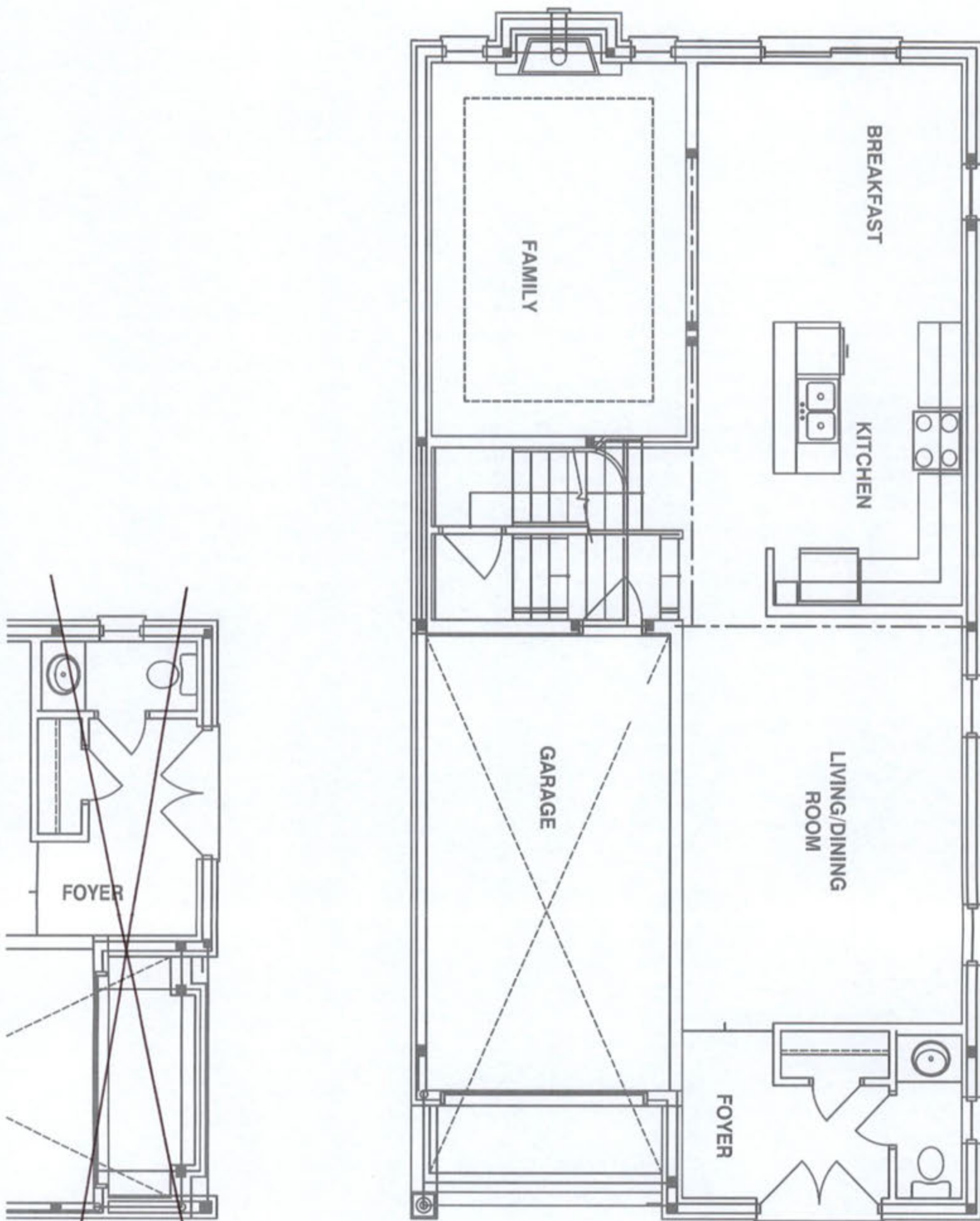
Sheet Title
BASEMENT
PLUMBING
LAYOUT

Date
AUGUST 2018

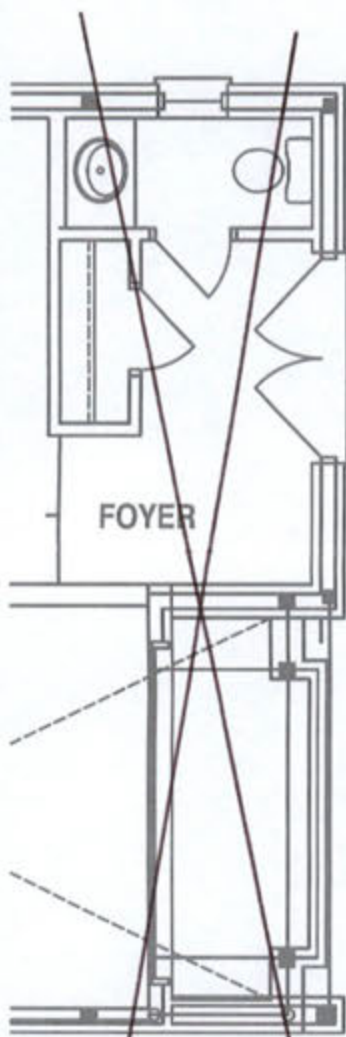
Scale
3/16" = 1'-0"

LO# 79577

18-331269 000 00 PR



ELEVATION 1



ELEVATION 2

CITY OF BRAMPTON
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REVIEWED

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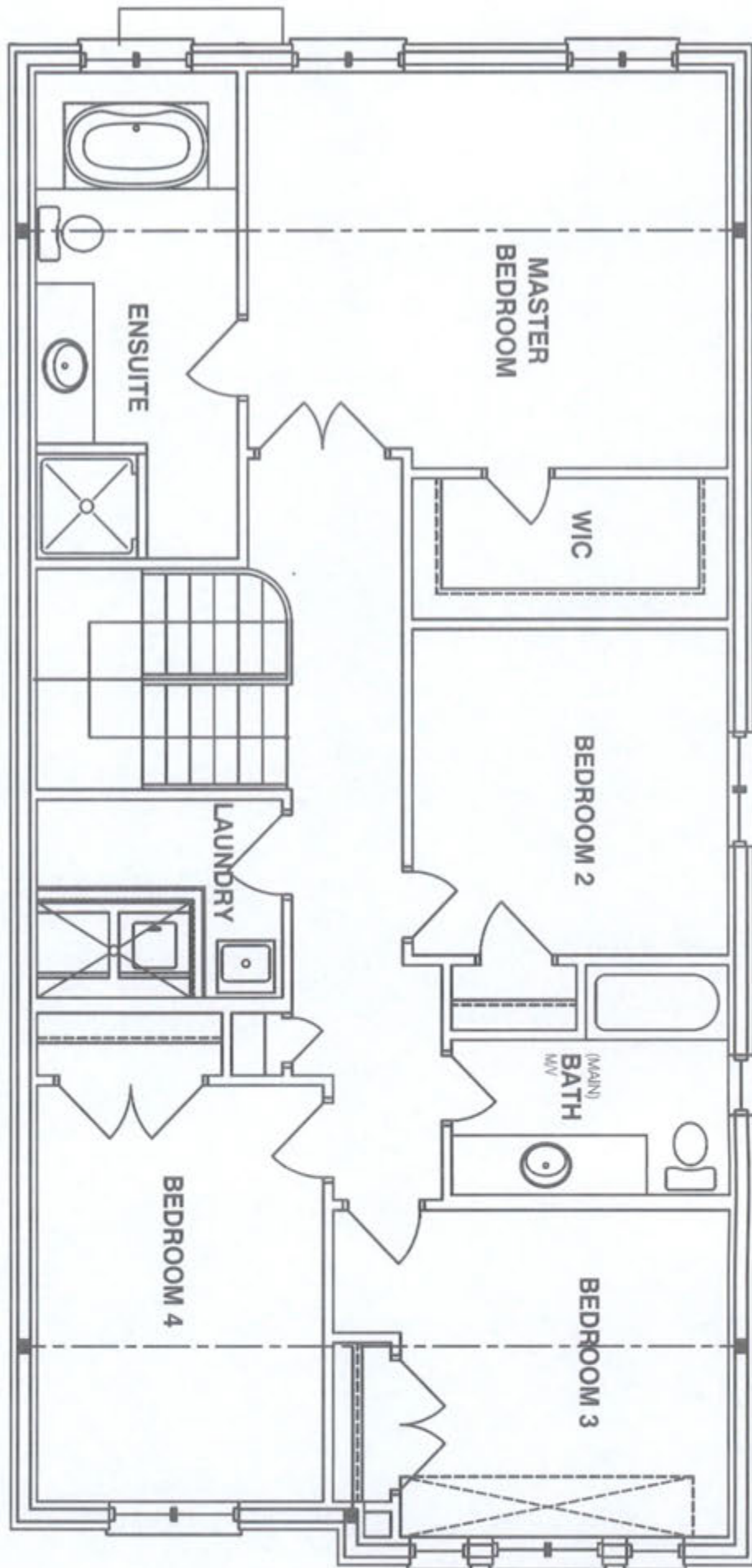
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Sheet Title
FIRST FLOOR
PLUMBING
LAYOUT

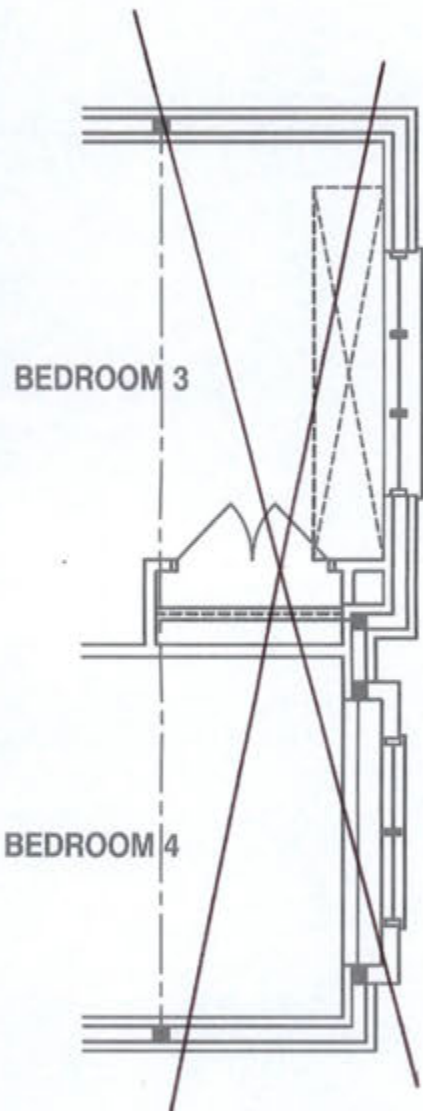
Date
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Scale
3/16" = 1'-0"

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ELEVATION 1



ELEVATION 2

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Sheet Title
SECOND FLOOR
PLUMBING
LAYOUT
Date
AUGUST 2018
Scale
3/16" = 1'-0"
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