

PROJECT INFORMATION

Project Information:

2020-068

Stonehaven Plan 1b, Burlington Ontario

ALL CONSTRUCTION PRACTICES TO COMPLY WITH THE ONTARIO BUILDING CODE REGULATIONS

This drawing set has been prepared under the

O. Reg 332/12
Ontario Building Code 1992
Amendment Jan 1 2020

CONTRACTOR'S NOTE:
THIS DRAWING SET IS PREPARED TO COMPLY WITH THE 2012 ONTARIO BUILDING CODE REGULATIONS.
ALL CONSTRUCTION PRACTICES TO COMPLY WITH THE 2012 ONTARIO BUILDING CODE REGULATIONS.
ALL DIMENSIONS GIVEN IN METRIC UNLESS OTHERWISE NOTED.

1.	Issued to Consultants	2021.10.19	E.C.
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Virtual Creations Inc. – Energy Efficiency for Housing SB-12 (2017) ZONE 1 <92

COMPONENTS

Attic	Cathedral	Exposed Floor	Walls	Continuous Insulation	Basement	Slab Horizontal	Edge of Slab
R60	R31	R31	R22	N/A	R20 ci	---	R10
Heated Slab	Skylights	Windows	Glazing Upgrade	Space Heating	HRV	Hot Water	Gray water heat recovery
R10	.49	25er		96%	75%	.8	42%

SB12 Schedule

SB-12 2.1. METHODS FOR ACHIEVING ENERGY EFFICIENCY COMPLIANCE (CONCLUSION)
TOTAL WALL AREA = 2794.30 Sq. Ft. TOTAL DOOR GLAZING AREA = 0.00 Sq. Ft.
TOTAL RSO AREA (NOT INCLUDING BASEMENT WINDOWS) = 100.83 Sq. Ft.
TOTAL PERCENTAGE = 3.61%

- COMPLY WITH 3.1.1.1.(7) <17%
- COMPLY WITH 3.1.1.1.(8) >17% <22% (UPGRADES HAVE BEEN NOTED)
- COMPLY WITH 3.1.1.1.(9) >22% (ENERGY CONSULTANT MUST BE CONSULTED)

SB-12 2.1. METHODS FOR ACHIEVING ENERGY EFFICIENCY COMPLIANCE - FIRST FLOOR
TOTAL WALL PERIMETER = 161.8'
WALL HEIGHT FROM GRADE TO CEILING = 9.1
TOTAL WALL AREA = 1472.38 Sq. Ft.

SB-12 2.1. METHODS FOR ACHIEVING ENERGY EFFICIENCY COMPLIANCE - SECOND FLOOR
TOTAL WALL PERIMETER = 163.2'
WALL HEIGHT FROM GRADE TO CEILING = 8.1
TOTAL WALL AREA = 1321.92 Sq. Ft.

BUILDING INFORMATION

Area Calculations

Total Building Area	1530.19 Sq. Ft. (142.15 Sq. m.)
Unfinished Basement Area	867.59 Sq. Ft. (80.60 Sq. m.)
Proposed First Floor Area	1051.00 Sq. Ft. (97.64 Sq. m.)
Garage Area	392.23 Sq. Ft. (36.44 Sq. m.)
Porch Area	80.70 Sq. Ft. (7.50 Sq. m.)
Proposed Second Floor Area	1439.10 Sq. Ft. (133.69 Sq. m.)

#	Description	Value	Value
1	Bathroom group* with 6 LPF flush tank	N/A	3.6
2	Bathroom group* with greater than 6 LPF flush	N/A	6
3	Bathtub with or without shower head	1/2	1.4
4	Clothes washer	1/2	1.4
5	Dishwasher, domestic	3/8	1.4
6	Hose bibb (1/2")	1/2	2.5
7	Lavatory	3/8	0.7
8	Shower head	1/2	1.4
9	Shower, spray, multi-head, fixture unit per head	**	1.4
10	Sink, bar	3/8	1
11	Sink, kitchen, domestic	3/8	1.4
12	Sink, laundry (1 or 2 compartments)	3/8	1.4
13	Water closet, 6 LPF or less with flush tank	3/8	2.2
14	Other:		

Room Schedule

See plans for additional information

BUILDING INFORMATION

Metric to Imperial Steel Beam Converting

Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial
W150x22	W6x15	W200x27	W8x18	W250x22	W10x15	W310x39	W12x26	W360x57	W14x38
W150x30	W6x20	W200x31	W8x21	W250x33	W10x22	W310x60	W12x40		
W150x37	W6x25	W200x36	W8x24	W250x38	W10x29	W310x67	W12x45		
		W200x42	W8x28						
		W200x46	W8x31						
		W200x59	W8x40						

Beam Schedule

Floor	No	Size	Condition	Support	Length
B	100	W200x27	Dropped	3'-3"	15'-5"
F	100	W200x27	Dropped	3'-3"	15'-4"
F	101	W200x42	Dropped	3'-3"	18'-5"
F	102	3/2"x8"	Dropped	3'-3"	4'-4"
F	103	3/2"x8"	Dropped	3'-3"	14'-3"
F	104	3/2"x8"	Dropped	3'-3"	4'-4"
F	105	LVL by Other	Dropped	3'-3"	8'-0"
F	106	LVL by Other	Dropped	3'-3"	4'-0"
F	107	LVL by Other	Dropped	3'-3"	16'-0"
R	100	Girder truss	Flush	3'-3"	36'-2"
R	102	Girder truss	Flush	3'-3"	35'-11"
R	104	LVL by Other	Dropped	3'-3"	7'-0"
R	104	Girder truss	Flush	3'-3"	14'-7"
S	100	LVL by Other	Dropped	3'-3"	4'-0"

Window and Door Schedule

TAG	SIZE	SB12	OPERATOR	LOCATION	HEIGHT	GRILL	GLAZING
01A	24"x12"	2.0	FIXED	NORTH ELEV	106" AFW	NONE	Glazing 0.7
01B	24"x44"	7.3	FIXED	NORTH ELEV	94" AFW	NONE	Glazing 4.7
02A	60"x12"	5.0	FIXED	NORTH ELEV	106" AFW	NONE	Glazing 2.2
02B	12"x80"	6.7	FIXED	NORTH ELEV	94" AFW	NONE	Glazing 3.1
02C	36"x80"	16.7	3/4 GLAZED	NORTH ELEV	94" AFW	NONE	Glazing 9.0
02D	12"x80"	6.7	FIXED	NORTH ELEV	94" AFW	NONE	Glazing 3.1
03A	24"x12"	2.0	FIXED	NORTH ELEV	106" AFW	NONE	Glazing 0.7
03B	24"x44"	7.3	FIXED	NORTH ELEV	94" AFW	NONE	Glazing 4.7
04A	24"x56"	9.3	CASEMENT	NORTH ELEV	215" AFW	NONE	Glazing 6.2
04B	24"x56"	9.3	FIXED	NORTH ELEV	215" AFW	NONE	Glazing 6.2
04C	24"x56"	9.3	FIXED	NORTH ELEV	215" AFW	NONE	Glazing 6.2
05A	24"x68"	11.3	CASEMENT	NORTH ELEV	215" AFW	NONE	Glazing 7.7
05B	24"x68"	11.3	FIXED	NORTH ELEV	215" AFW	NONE	Glazing 7.7
05C	24"x68"	11.3	CASEMENT	NORTH ELEV	215" AFW	NONE	Glazing 7.7
06A	24"x44"	7.3	CASEMENT	NORTH ELEV	215" AFW	NONE	Glazing 4.7
07A	24"x56"	9.3	FIXED	NORTH ELEV	106" AFW	NONE	Glazing 6.2
07B	24"x56"	9.3	CASEMENT	NORTH ELEV	106" AFW	NONE	Glazing 6.2
08A	36"x92"	16.7	FULL GLAZED	NORTH ELEV	106" AFW	NONE	Glazing 10.7
08A	30"x68"	14.2	CASEMENT	NORTH ELEV	106" AFW	NONE	Glazing 10.3
09B	30"x68"	14.2	FIXED	NORTH ELEV	106" AFW	NONE	Glazing 10.3
09C	30"x68"	14.2	CASEMENT	NORTH ELEV	106" AFW	NONE	Glazing 10.3
10A	48"x24"	8.0	AWNING	NORTH ELEV	0" AFW	NONE	Glazing 5.2
11A	48"x24"	8.0	AWNING	NORTH ELEV	0" AFW	NONE	Glazing 5.2
12A	24"x44"	7.3	CASEMENT	NORTH ELEV	215" AFW	NONE	Glazing 4.7
12B	24"x44"	7.3	FIXED	NORTH ELEV	215" AFW	NONE	Glazing 4.7
13A	30"x56"	11.7	CASEMENT	NORTH ELEV	215" AFW	NONE	Glazing 8.3
13B	30"x56"	11.7	FIXED	NORTH ELEV	215" AFW	NONE	Glazing 8.3
13C	30"x56"	11.7	FIXED	NORTH ELEV	215" AFW	NONE	Glazing 8.3
14A	30"x56"	11.7	CASEMENT	NORTH ELEV	215" AFW	NONE	Glazing 8.3
14B	30"x56"	11.7	FIXED	NORTH ELEV	215" AFW	NONE	Glazing 8.3

Designed By:

Kimberley
LALONDE HOME DESIGN

SMALL BUILDINGS Original Signature: **WWW.VCINC.CA**

Classification: Dawn Victoria Homes

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PROJECT NO: 2020-068
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