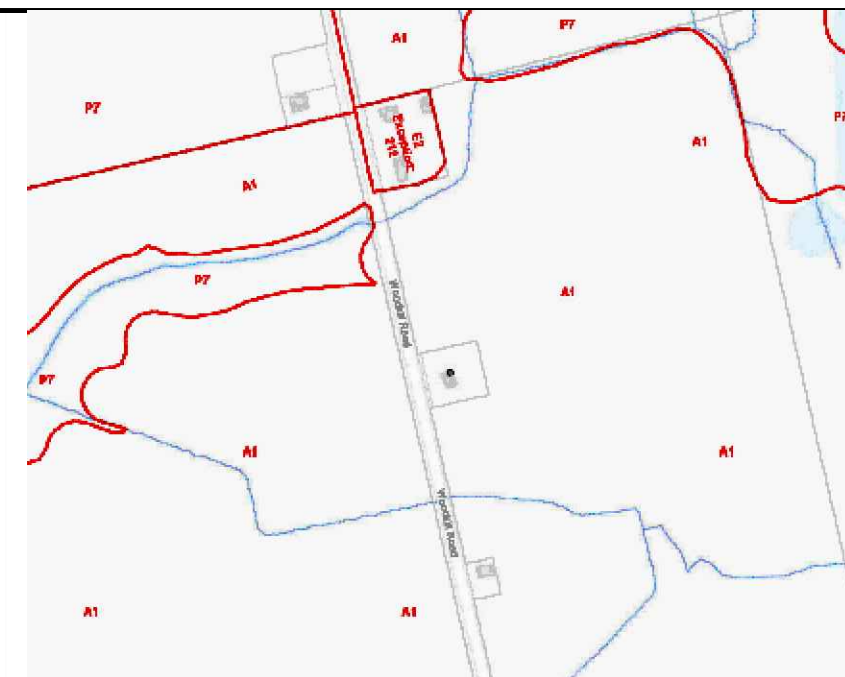


# PROJECT INFORMATION

## Project Information:

2021-065

542 Woodhill Road, Troy 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

CONSTRUCTION NOTES  
ALL CONSTRUCTION PRACTICES TO COMPLY WITH THE 2018 ONTARIO BUILDING CODE REGULATIONS.  
ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN METERS AND FOLLOWED BY MILLIMETERS.


### SB12 Schedule

SB-12 2.1. METHODS FOR ACHIEVING ENERGY EFFICIENCY COMPLIANCE (CONCLUSION)  
TOTAL WALL AREA = 2640.72 Sq. Ft.  
TOTAL DOOR GLAZING AREA = 0.00 Sq. Ft.  
TOTAL RSO AREA (NOT INCLUDING BASEMENT WINDOWS) = 294.80 Sq. Ft.  
TOTAL PERCENTAGE = 11.16%

- COMPLY WITH 2.1.1.1.(7) <17%
- COMPLY WITH 2.1.1.1.(8) >17% <22% (UPGRADES HAVE BEEN NOTED)
- COMPLY WITH 2.1.1.1.(10) >22% (ENERGY CONSULTANT MUST BE CONSULTED)

SB-12 2.1. METHODS FOR ACHIEVING ENERGY EFFICIENCY COMPLIANCE - FIRST FLOOR  
TOTAL WALL PERIMETER = 136.2'  
WALL HEIGHT FROM GRADE TO CEILING = 9.1  
TOTAL WALL AREA = 1239.42 Sq. Ft.

SB-12 2.1. METHODS FOR ACHIEVING ENERGY EFFICIENCY COMPLIANCE - SECOND FLOOR  
TOTAL WALL PERIMETER = 173.0'  
WALL HEIGHT FROM GRADE TO CEILING = 8.1  
TOTAL WALL AREA = 1401.30 Sq. Ft.

# BUILDING INFORMATION

## Area Calculations

Existing Foundation Area	1400.00 SQ. FT. (130.06 SQ. M.)
Existing First Floor Area	1400.00 SQ. FT. (130.06 SQ. M.)
Existing Porch Area	300.00 SQ. FT. (27.87 SQ. M.)
Proposed Foundation Area	1673.16 SQ. FT. (155.44 SQ. M.)
Proposed First Floor Area	1140.45 SQ. FT. (105.95 SQ. M.)
Garage Area	508.66 SQ. FT. (47.26 SQ. M.)
Proposed Second Floor Area	572.65 SQ. FT. (53.20 SQ. M.)

Total Building Area 3073.16 SQ. FT. (285.51 SQ. M.)

#	Item	Value	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	Bathub 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:			

# 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						
		W200x48	W8x31						
		W200x59	W8x40						

## Beam Schedule

Floor	No	Size	Condition	Length	Support
B	100	W310x39	Dropped	22'-6"	3'-3"
B	101	W310x39	Dropped	22'-6"	3'-3"
B	102	4/2"x10"	Dropped	8'-7"	3'-3"
B	103	4/2"x10"	Dropped	8'-1 1/2"	3'-3"
B	103	2/2"x8"	Dropped	10'-6"	3'-3"
B	104	4/2"x10"	Dropped	6'-11"	3'-3"
B	105	4/2"x10"	Dropped	8'-1 1/2"	3'-3"
B	106	4/2"x10"	Dropped	8'-7"	3'-3"
F	101	LVL by Other	Dropped	9'-4"	3'-3"
F	102	LVL by Other	Dropped	9'-2"	3'-3"
F	103	LVL by Other	Dropped	9'-4"	3'-3"
F	104	LVL by Other	Dropped	9'-2"	3'-3"
F	105	LVL by Other	Dropped	7'-11 1/2"	3'-3"
F	106	LVL by Other	Dropped	11'-11"	3'-3"
F	107	LVL by Other	Dropped	8'-10"	3'-3"
F	108	LVL by Other	Dropped	9'-4"	3'-3"
F	109	3/2"x12"	Dropped	8'-6"	3'-3"
F	110	3/2"x12"	Dropped	7'-7 1/2"	3'-3"
F	111	3/2"x12"	Dropped	6'-5"	3'-3"
F	112	3/2"x12"	Dropped	7'-7 1/2"	3'-3"
F	113	3/2"x12"	Dropped	8'-6"	3'-3"
R	100	LVL by Other	Dropped	24'-9"	3'-3"
R	101	LVL by Other	Dropped	25'-10"	3'-3"
R	102	LVL by Other	Dropped	18'-6 1/2"	3'-3"
R	105	LVL by Other	Dropped	17'-4 11/16"	3'-3"
R	106	LVL by Other	Dropped	27'-11 9/16"	3'-3"
S	100	LVL by Other	Dropped	2'-0"	3'-3"
S	101	LVL by Other	Dropped	4'-0"	3'-3"

## Window and Door Schedule

TAG	SIZE	SB12	OPERATOR	LOCATION	HEIGHT	GRILL	GLAZING
01A	24'x48"	8.0	HUNG	NORTH ELEV	215' ATFW	NONE	Glazing 5.2
01B	24'x48"	8.0	FIXED	NORTH ELEV	215' ATFW	NONE	Glazing 5.2
01C	24'x48"	8.0	HUNG	NORTH ELEV	215' ATFW	NONE	Glazing 5.2
02A	20'x80"	11.1	FIXED	NORTH ELEV	92' ATFW	NONE	Glazing 7.2
02B	36'x80"	16.7	FULL GLAZED	NORTH ELEV	92' ATFW	NONE	Glazing 9.0
03A	24'x48"	8.0	HUNG	NORTH ELEV	215' ATFW	NONE	Glazing 5.2
03B	24'x48"	8.0	FIXED	NORTH ELEV	215' ATFW	NONE	Glazing 5.2
03C	24'x48"	8.0	HUNG	NORTH ELEV	215' ATFW	NONE	Glazing 5.2
04A	36'x80"	16.7	SOLID	EAST ELEV	80' ATFW	NONE	Glazing 9.0
05A	24'x36"	6.0	AWNING	EAST ELEV	0' ATFW	NONE	Glazing 3.7
06A	24'x60"	10.0	FIXED	EAST ELEV	103' ATFW	NONE	Glazing 6.7
06A	24'x60"	10.0	HUNG	EAST ELEV	103' ATFW	NONE	Glazing 6.7
07B	36'x80"	16.7	6 PANEL	SOUTH ELEV	-13' ATFW	NONE	Glazing 9.0
08A	24'x48"	8.0	HUNG	EAST ELEV	103' ATFW	NONE	Glazing 5.2
08B	24'x48"	8.0	HUNG	EAST ELEV	103' ATFW	NONE	Glazing 5.2
09A	32'x48"	10.7	HUNG	SOUTH ELEV	103' ATFW	NONE	Glazing 7.6
10A	44'x24"	7.3	FIXED	SOUTH ELEV	127' ATFW	NONE	Glazing 4.7
10A	44'x56"	17.1	FIXED	SOUTH ELEV	103' ATFW	NONE	Glazing 13.2
11A	72'x48"	24.0	FIXED	SOUTH ELEV	140' ATFW	NONE	Glazing 19.2
11B	36'x80"	16.7	FULL GLAZED	SOUTH ELEV	92' ATFW	NONE	Glazing 9.0
11C	36'x80"	16.7	FULL GLAZED	SOUTH ELEV	92' ATFW	NONE	Glazing 9.0
12A	44'x24"	7.3	FIXED	SOUTH ELEV	127' ATFW	NONE	Glazing 4.7
12A	44'x56"	17.1	FIXED	SOUTH ELEV	103' ATFW	NONE	Glazing 13.2
13B	36'x80"	16.7	FULL GLAZED	SOUTH ELEV	92' ATFW	NONE	Glazing 9.0
		294.8000					

Designed By:

**VIRTUAL CREATIONS INC.**  
ARCHITECTURAL CONSULTING SERVICES (905) 481 1153

PROJECT: 542 Woodhill Road, Troy Ontario

PROJECT No: 2021-065

BOIN No. 288444

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Client: Connie Stephens

Classification: Original Signature: **WWW.VCINC.CA**

ERIC CANTON BCIN#25135

ISSUED Dec 10 2021

**WWW.VCINC.CA**

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