



Thermal Performance Requirements for Additions to Existing Buildings

From Table 3.1.1.11. (IP) Zone 1

Building Component	Thermal Values (Min. Nominal)
Ceilings with Attic Space	R60
Ceiling Without Attic Space	R31
Exposed Floor	R31
Walls Above Grade	R19+R5 ci
Basement Walls	Min. R20 ci or Min. R12 + R10 ci
Heated Slab or <u><</u> 600 mm Below Grade	10
Edge of Below Grade Slab <u>< 600</u> mm Below Grade	10
Windows and Sliding Glass Doors	Max. U: 0.28 Energy Rating: 25



34 HUTCHISON COURT ORANGEVILLE, ON L9W 6K1 519~288~6015 watsondesigns2015@gmail.com

I, Neil Watson review and take responsibility for the design work on behalf of Watson Designs registered under Division C, Part 3 (3.2.4.) of the Ontario Building Code. I am qualified and the firm is registered in the appropriate classes/categories.

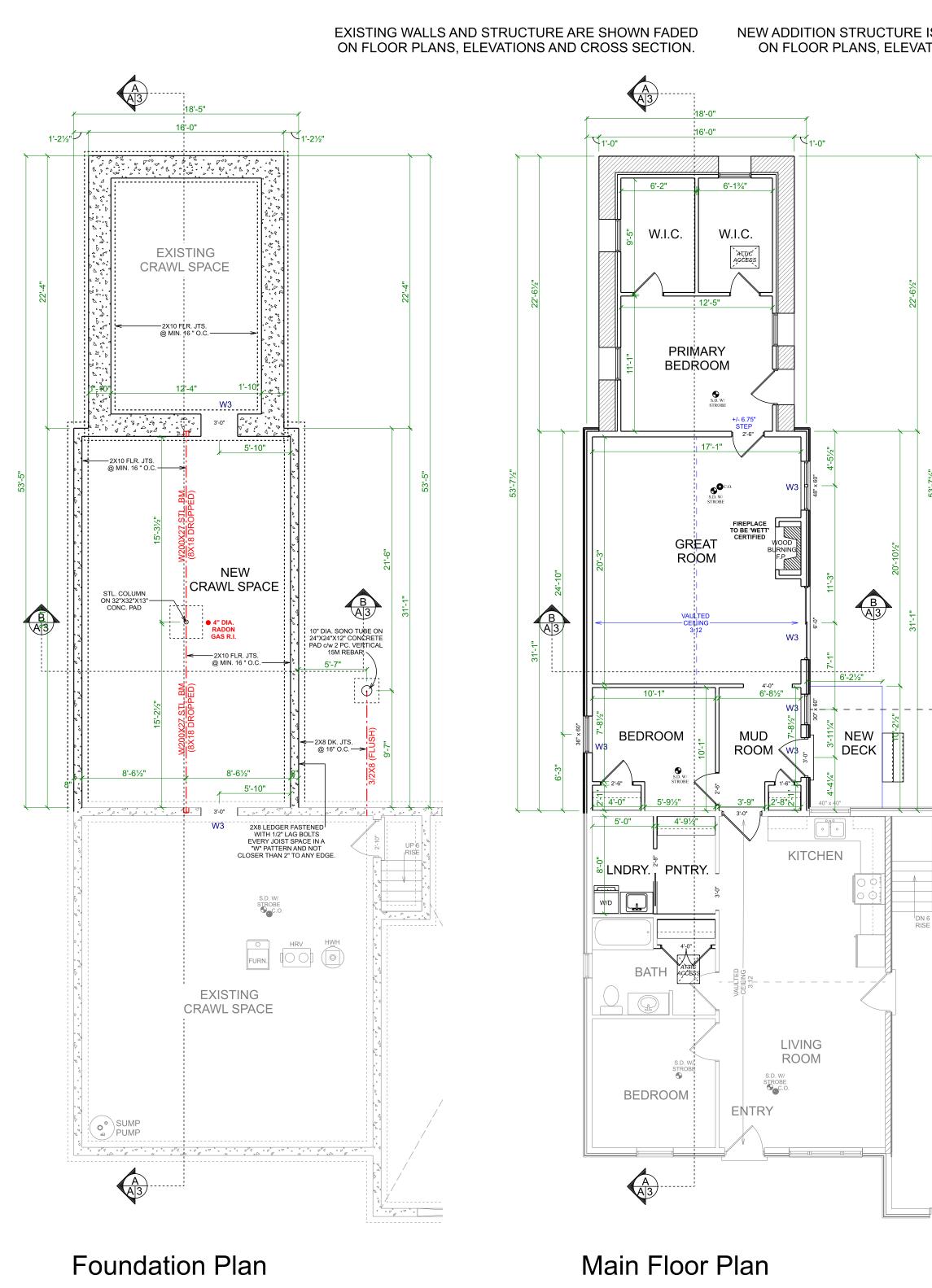
DRAWN BY: NEIL WATSON BCIN: 22658 FIRM BCIN: 46921

Signed: Neil Wat

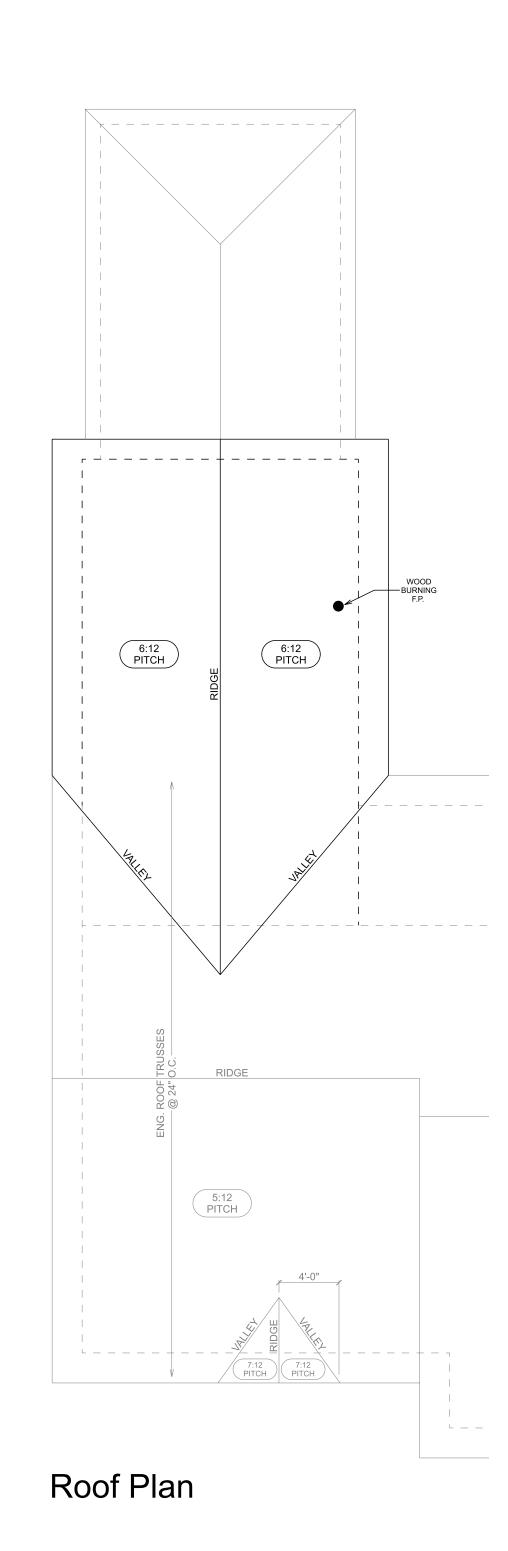
WINDOW GLAZING	
GROSS AREA OF PERIPHERAL WALLS	= 115.03 SQ.M.
GROSS AREA OF GLAZING	= 11.79 SQ.M.
PERCENTAGE OF GLAZING	= 10.25 %

New Addition for Doug & Diane Barlow

PROJECT:		
474789 Townsend Lake Road Con. 12 Pt. Lot 6 RP 17R2194; Part 2 Municipality of West Grey Former Glenelg Township		
DRAWING:		
Title Page		
SCALE:	DATE:	
As Noted	May	28, 2025
		PAGE:
		A0



NEW ADDITION STRUCTURE IS SHOWN IN STANDARD DETAIL ON FLOOR PLANS, ELEVATIONS AND CROSS SECTION.



	ATSON		
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<u>WOOD LINTEL</u> SCHEDULE	<u>STEEL LINTEL</u> SCHEDULE		
W1 2 - 2X8 W4 3 - 2X10 W2 3 - 2X8 W5 2 - 2X12 W3 2 - 2X10 W6 3 - 2X12 BLOCKING TO BE INSTALLED	S1 3-1/2" X 3-1/2" X 1/4" S2 3-1/2" X 3-1/2" X 3/8" S3 3-1/2" X 3-1/2" X 1/2" S4 4" X 6" X 3/8" S5 4" X 6" X 1/2" S6 4" X 7" 1/2"		
FOR INSTALLATION OF FUTURE GRAB BARS AS PER 9.5.2.3. (OBC)			
GENERA	L NOTES		
ALL HATCHED AREAS TO BE FR 2X6 RAFTERS AT MINIMUM 24" HIP AND VALLEY RAFTERS TO I	ON CENTRE. BE MIN. 2"		
GREATER IN DEPTH THAN COMMON RAFTERS AS PER 9.23.13.6. WHERE THE HORIZONTAL SPAN OF A 2X6 RAFTER AT 16" O.C.			
IS OVER 10'-9" COLLAR TIES MUST BE INSTALLED TO REDUCE THE SPAN. WHERE THE HORIZONTAL SPAN OF A 2X6 RAFTER AT 24" O.C. IS OVER 9'-4" COLLAR TIES MUST BE INSTALLED TO REDUCE THE SPAN.			
SCOPE: * CONNECT EXISTING SECONDARY SUITE TO EXISTING UNFINISHED DWELLING WITH NEW ADDITION. * RECONFIGURE BATHROOM & SEWING ROOM OF EXISTING SECONDARY SUITE TO CREATE NEW LAUNDRY ROOM AND PANTRY. * INSULATED AND FINISH EXISTING UNFINISHED DWELLING TO CREATE NEW PRIMARY BEDROOM WITH 2 W.I.C.'S. * ADD OPENING IN EXISTING SECONDARY SUITE FOUNDATION AS WELL AS UNFINISHED DWELLING FOR HVAC.			
New Addition for Doug & Diane Barlow			
PROJECT: 474789 Townsend Lake Road Con. 12 Pt. Lot 6 RP 17R2194; Part 2 Municipality of West Grey Former Glenelg Township			
DRAWING: Floor Plans & Roof Plan			
SCALE:DATE:5/32" = 1'-0"May 28, 2025			
AREA SCHEDULE: PAGE:			
Accessory Apartment: 718.0 sq. ft.			

