



BUILDING PERMIT

PERMIS DE CONSTRUCTION

Date of Issuance: **09-Sep-2021**
Date de délivrance: **09-Sep-2021**

Application No / Demande n° : **PA21-01097**
Permit No / Permis n° : **2108713**

Permission is Hereby Given To / Le présent permis est délivré à

Property Owner(s) / Propriétaire(s) **DCR PHOENIX DEVELOPMENT CORPORATION LIMITED**

Location / Lieu : **1931 CESSNA PRIV West Carleton**

Lot Number / Numéro du lot : **8**

Permit Type / Type de permis : **Construction- Conditional Permit Issued**

Project Description /
Description du projet : **Construct a 2 Storey Single with attached garage Model:
Annapolis 2019 M**

Model / Modèle : **Annapolis 2019 M**

Please contact the Inspector noted below prior to commencing construction /
Veuillez communiquer avec l'inspecteur mentionné ci-dessous avant de commencer les travaux

Building Inspector/ Inspecteur en bâtiment	ANTHONY, LINDSEY	613-580-2424	Ext./Poste 24098
Mechanical Inspector/ Inspecteur en mécanique	ANTHONY, LINDSEY	613-580-2424	Ext./Poste 24098
Plumbing Inspector/ Inspecteur en plomberie	ANTHONY, LINDSEY	613-580-2424	Ext./Poste 24098

In addition to complying with the attached permit, please remember that it is the permit holder's responsibility to comply with all other applicable laws, as well as any Provincial Orders restricting work including Ontario Regulation 82/20, as amended. Questions related to Provincial Orders can be made to the Stop the Spread hotline at 1-888-444-3659.

Issued under the authority of /
Délivrance autorisée par

John Buck

Chief Building Official /
Chef du service du bâtiment

The owner hereby, covenants and agrees with the Corporation of the City of Ottawa, that the owner will abide by and conform to the conditions and stipulations, in consideration of the above Permit. The owner hereby agrees to indemnify and save harmless the said Corporation of the City of Ottawa, and all the Officers, Servants and Agents thereof, from all claims, demands and damages, arising out of or incurred by reason of the execution of the work above referred to, or by reason of Permit above granted.

Le propriétaire soussigné, arrête et conviens avec la Ville d'Ottawa de se conformer aux conditions et aux clauses du permis ci-dessus, en contrepartie de sa délivrance. Le propriétaire conviens également d'indemniser la Ville d'Ottawa et ses dirigeants, employés et mandataires des réclamations, exigences et poursuites en dommages-intérêts liés à l'exécution des travaux mentionnés ci-dessus ou à la délivrance dudit permis.

Witness my hand this date: September 09, 2021
Ce dont atteste ma signature en date du: 09 septembre, 2021

Issued To: Approved Online / Approuvé en ligne
Délivré à:

(Please Print / En caractères d'imprimerie)

Signature of owner or authorized agent
Signature du propriétaire ou de l'agent autorisé

POST THIS PERMIT IN A CONSPICUOUS PLACE

PRIÈRE D'AFFICHER EN UN ENDROIT BIEN EN VUE

Original / Originale



Energy Efficiency Design Summary: Prescriptive Method

(Building Code Part 9, Residential)

This form is used by a designer to demonstrate that the energy efficiency design of a house complies with the building code using the prescriptive method described in Subsection 3.1.1. of SB-12. This form is applicable where the ratio of gross area of windows/sidelights/skylights/glazing in doors and sliding glass doors to the gross area of peripheral walls is not more than 22%.

For use by Principal Authority	
Application No:	Model/Certification Number

A. Project Information

Building number, street name	1931 Cessna Private	Unit number	2-08
Municipality	West Carleton	Postal code	Reg. Plan number / other description

B. Prescriptive Compliance

[indicate the building code compliance package being employed in this house design]

SB-12 Prescriptive (input design package):	Package: A1	Table: 3.1.1.2.A (IP)
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C. Project Design Conditions

Climatic Zone (SB-1): ☒ Zone 1 (< 5000 degree days) ☐ Zone 2 (≥ 5000 degree days)	Heating Equipment Efficiency ☒ ≥ 92% AFUE ☐ ≥ 84% < 92% AFUE	Space Heating Fuel Source ☒ Gas ☐ Propane ☐ Solid Fuel ☐ Oil ☐ Electric ☐ Earth Energy
Ratio of Gross Area of Windows, Sidelights, Skylights, Glazing in Doors and Sliding Glass Doors (W, S & G) to Wall Area 16.89% <u>4475.25 + 101.70 = 4576.95 sq. ft.</u> Area of walls = <u>4475.25</u> m ² or <u>48142</u> ft ² Area of W, S & G = <u>773.92</u> m ² or <u>8342</u> ft ² W, S & G = <u>16.4067%</u> Utilize window averaging: ☒ Yes ☐ No	Other Building Characteristics ☐ Log/Post&Beam ☐ ICF Above Grade ☐ ICF Basement ☐ Slab-on-ground ☐ Wall ☐ Air Conditioning ☐ Cor ☐ Air Sourced Heat Pump ☐ Ground Sourced Heat Pump	

D. Building Specifications

[provide values and ratings of the energy efficiency components proposed]

Energy Efficiency Substitutions REVISED WALL AREA - SEPT 10/21 RAISED USF 6" FOR INCREASED WALL EXPOSURE. (SEE GRADE PLAN)				City of Ottawa Building Services Branch REVIEWED By Francisca Butterworth at 9:00 am, Aug 30, 2021 Building Code Reviewed <i>[Signature]</i> F. BUTTERWORTH	
Airtightness test required (Refer to Design Guide Attached)				Permitted Substitution:	
Required:				Permitted Substitution:	
Building Component		Minimum RSI / R values or Maximum U-Value⁽¹⁾		Building Component	
Thermal Insulation		Effective		Efficiency Ratings	
Ceiling with Attic Space	R60		Windows & Doors Provide U-Value ⁽¹⁾ or ER rating	<u>0.25 Btu/(h·ft²·F)</u>	
Ceiling without Attic Space	R31		Windows/Sliding Glass Doors	<u>25 ER 29.25 1.4 W/(m²·K)</u>	
Exposed Floor	R31		Skylights/Glazed Roofs	0.49	
Walls Above Grade	R22		Mechanicals		
Basement Walls		R21.12	Heating Equip.(AFUE)	96%	
Slab (all >600mm below grade)	--		HRV Efficiency (SRE% at 0°C)	75%	
Slab (edge only ≤600mm below grade)	10		DHW Heater (EF)	0.8	
Slab (all ≤600mm below grade, or heated)	10		DWHR (CSA B55.1 (min. 42% efficiency))	1	# Showers <u>3</u>
			Combined Heating System	NO	

(1) U value to be provided in either W/(m²·K) or Btu/(h·ft²·F) but not both.

E. Designer(s)

[name(s) & BCIN(s), if applicable, of person(s) providing information herein to substantiate that design meets the building code]

Qualified Designer Declaration of designer to have reviewed and take responsibility for the design work.		
Name	BCIN	Signature
SANDY POLLOCK	33536	Sandy Pollock