

# ATA Engineering Inc.

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November 25, 2020

DCR/Phoenix Group of Companies  
18-A Bentley Avenue, Nepean, ON K2E 6T8

Our Ref: 17-051

Attn: Mr. Sandy Pollock

RE: **Certification Letter for Diamondview Lot 46 (40 Sopwith Private).**



This will confirm that we have reviewed the following Phoenix Homes model for compliance with structural requirements of Parts 4 and/or 9 of the 2012 Ontario Building Code Regulation 332/12.

In the attached table we have listed drawings that form the basis for our review.

Please note that pre-engineered elements (incl. floor joist and roof trusses) have been reviewed for compliance however, final layout (incl. spacing/blocking and strapping) is subject to the review and certification by the manufacturer.

In addition, we have reviewed the LVL beams and cantilever joists for the structural loading and any point loads.

Beams have been reviewed for simple span criteria. If continuity is required to satisfy deflection criteria then the beams are so noted to be continuous on the plans.

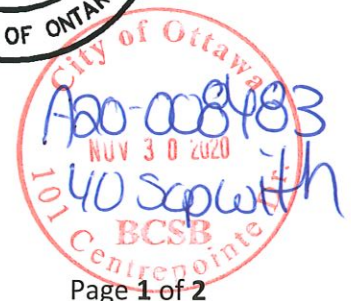
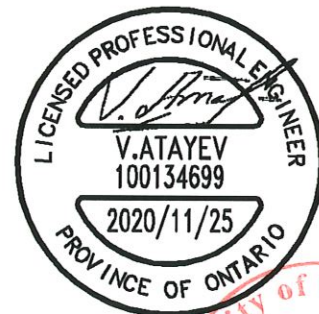
The design of foundations has been revised for stable soils with an allowable bearing pressure of 100 kPa SLS or greater. Soil bearing capacity on the subject site shall be confirmed. Structural design of foundation elements has been based upon ultimate limit states criteria. For the design of interior pads and columns the increased effects of continuity of beams and engineered floor joist have been considered.

Should you have any further questions, please do not hesitate to contact me.

Best Regards,

A handwritten signature in black ink, appearing to read "V. Atayev".

Vepa Atayev, P.Eng



<b>ATA Ref: 17-051 Phoenix Homes</b>			
<b>Date: November 25, 2020</b>			
<b>Model: Madison – 2020 Elevation C</b>			
	<b>Dwg. No.</b>	<b>Revision</b>	<b>Date</b>
	1 of 9	No. 4 Engineer Review	Nov 12, 2020
	2 of 9	No. 4 Engineer Review	Nov 12, 2020
	3 of 9	No. 4 Engineer Review	Nov 12, 2020
	4 of 9	No. 4 Engineer Review	Nov 12, 2020
	5 of 9	No. 4 Engineer Review	Nov 12, 2020
	6 of 9	No. 4 Engineer Review	Nov 12, 2020
	7 of 9	No. 4 Engineer Review	Nov 12, 2020
	8 of 9	No. 4 Engineer Review	Nov 12, 2020
	9 of 9	No. 4 Engineer Review	Nov 12, 2020
<b>Roof Truss</b>	<b>Dwg. No.</b>	<b>Revision</b>	<b>Date</b>
Grandor Lumber Inc. – Madison “C”			09/11/2020
<b>Floor Joist</b>	<b>Dwg. No.</b>	<b>Revision</b>	<b>Date</b>
Grandor Lumber Inc. – Madison C with Sunken Side Entrance 1 <sup>st</sup> Floor	Page 1 of 2		11/3/2020
Grandor Lumber Inc. – Madison C 2 <sup>nd</sup> Floor	Page 2 of 2		11/3/2020

