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February 15, 2018

■ **Structural Certification Letter**

Helios / EOS T-model "Royal" Orangerie Greenhouse
Manufactured by Janssens AluSystems in Germany

Hollingsworth Pack has performed a structural analysis of the Helios / EOS T-model "Royal" Orangerie Greenhouse to determine compliance with the International Building Code, which has been adopted by State and Local governments across all U.S. States and Territories. This is a pre-fabricated aluminum greenhouse covered with 4mm thick tempered glass panels. A photograph of the greenhouse can be found in the appendix of this letter.

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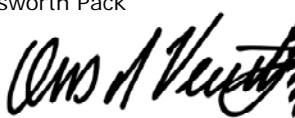
Based upon our analysis, we have concluded that the greenhouse as currently installed by Exaco Trading Co. is adequate to support the following loads per the 2015 International Building Code:

Wind Load: 115 MPH (3-second gusts)
Snow Load: 28.5 PSF (ground-snow load)
Roof Live Load: 20 PSF


Our structural analysis and conclusions assume that the greenhouse is installed with a minimum 8"x16" tall concrete beam or solid-grouted masonry foundation continuous below the perimeter of the greenhouse walls. The greenhouse should be anchored to the foundation with (8) mounting brackets attached to the greenhouse frame, as specified in the "Helios/EOS T Mounting Instructions" document to resist overturning and uplift wind forces.

If you have any questions regarding the matters addressed, or if additional information is required, please do not hesitate to contact us. We appreciate the opportunity to be of service.

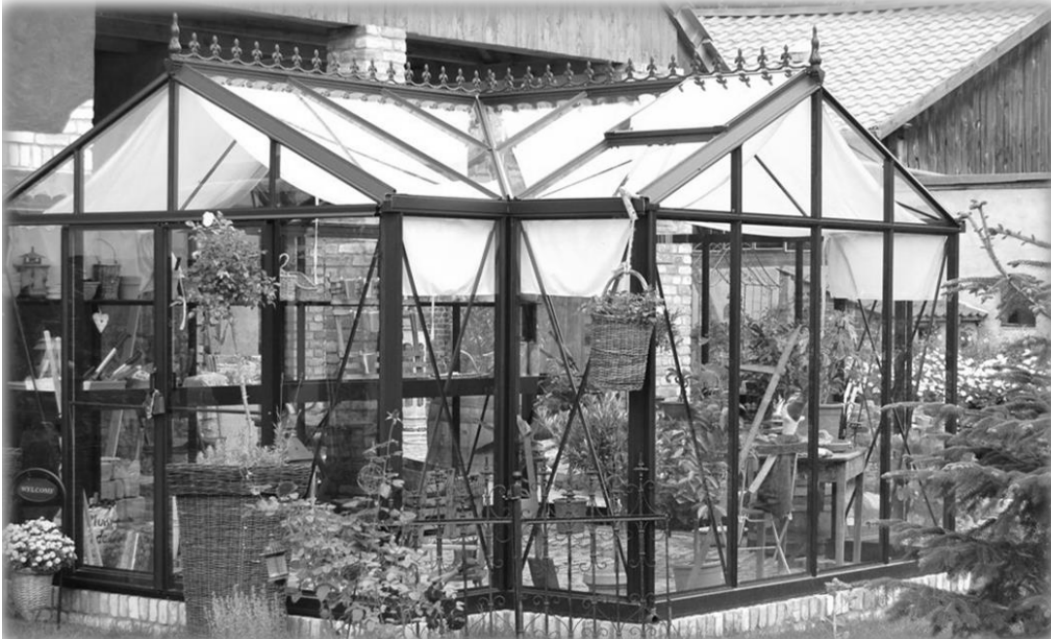
Respectfully Submitted,
Hollingsworth Pack


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A. Photograph of Assembled Greenhouse



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