KORDA

November 23, 2005

Mr. Robert Bailey
Bailey Engineering and Design
9560 Roberts Road
West Jefferson, OH 43162

RE: PDG Domus
Korda File: 2005-1198

Dear Mr. Bailey:

This letter is to confirm we have reviewed the manufacturing and erection drawings for The Hartford home model by PDG Domus, Inc. We have reviewed the drawings for compliance with wind loads based on the 2004 Florida Building Code and seismic loads based on the 2001 California Building Code and 2005 Ohio Building Code. The following are the design parameters used in checking the house structure and foundations:

Assumed Soil Bearing Capacity	2000 psf
Florida Wind	
Wind Speed	150 mph
Exposure C	
Category II	
Design Wind Pressure	67 psf
Importance Factor	1.0
Enclosed Building	
Wind Base Shear	33^k
California Seismic	
Occupancy Category	4
Importance Factor	1.0
Soil Profile Type	Sd
Seismic Zone	4
Seismic Zone Factor, Z	0.40
Seismic Source Type	B
Seismic Near Source Factor	
Na	1.3
Nv	1.6
Ca	.572
Cv	1.024
Response Modification Factor, R	4
Period, T	.45
Seismic Base Shear	23^k
Ohio Seismic	
Spectral Response Acceleration, Short Periods, Sds	.48
Spectral Response Acceleration, 1 second, Sd1	.21
Seismic Design Category	D
Importance Factor	1.0
Site Class	E
Response Modification Factor	3
Analysis Procedure – Equivalent Lateral Force Procedure	
Seismic Base Shear	12^k

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We have confirmed that the structure constructed as shown in the plant manufacturing manual and field assembly drawings will meet the design criteria listed above. As of November 22, 2005, we have reviewed the plant manufacturing manual drawings 17-22, 24, 26-37, 52-54, 110-122 and 134-147, dated November 10, 2005 and November 11, 2005. We have also reviewed previous versions of Hartford architectural plans S1 to S9 and the field assembly manual as they pertain to our confirmation of the structure resisting the lateral loads.

If you have any questions or need any further information, please do not hesitate to contact us.

Yours truly,

KORDA/NEMETH ENGINEERING, INC.
Consulting Engineers

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