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Pegasus Solar™ Inc.
100 West Ohio Avenue
Richmond, CA 94804

July 30, 2018
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Attn: Mr. Kai Stephan, CEO

**Subject: Pegasus Solar™ LightSpeed Solar Mounting Systems Supporting
Invisimount Solar Mounting System Rails – Maximum Attachment Spacing**

SML Job No.: 182-15

Dear Mr. Stephan:

We have analyzed the Pegasus Solar™ LightSpeed photovoltaic (PV) panel roof mount system for its use on a composite asphalt or concrete tile roofs in conjunction with the SunPower Invisimount Roof Mount System rail. It was determined that, for the configurations and criteria described below, this system is in compliance with the applicable sections of the following reference documents:

Codes: ASCE/SEI 7-10 Min. Design Loads for Buildings & Other Structures
California Building Code 2016 Edition
California Residential Building Code 2016 Edition
Other: Aluminum Design Manual, ADM 2015 Edition

This letter is intended to address the allowable attachment spacing for the Pegasus Solar™ LightSpeed Solar Mounting systems when used in conjunction with the SunPower Invisimount Roof Mount System rails.

We have reviewed the test data for the Pegasus Solar™ LightSpeed L-Foot prepared by Applied Materials & Engineering (AME), tested September 20, 2017, and Pegasus Solar™ LightSpeed Concrete Tile Roof Solar Mounting Systems prepared by Western Technologies (WT), tested January 7, 2017, in conjunction with the span tables from the SunPower Invisimount Roof Mounting System – Span Tables by P. Todd dated April 10, 2017 (Item #524734 Rev. B). We have determined that, subject to the limitations outlined below, the Pegasus Solar™ LightSpeed L-Foot Composite Asphalt Roof and LightSpeed Concrete Tile Roof Solar Mounting Systems are suitable for use with the SunPower Invisimount Roof Mounting System.

When using the Pegasus Solar LightSpeed L-foot on Composite Asphalt Roofs, refer to the maximum span of the SunPower Invisimount Roof Mount System shown in the span tables recommended by the manufacturer.

When using the Pegasus Solar LightSpeed L-foot on Concrete Tile Roofs, refer to the values in the tables provided below, which represent the lowest value for the attachment spacing based on either the allowable loads of the Pegasus Solar™ LightSpeed Concrete Tile Roof Solar Mounting System or the maximum span of the SunPower Invisimount Roof Mount System rail recommended by the manufacturer. The values in the tables below shall be verified by the end user of this letter to comply with all the requirements of the rail manufacturers installation recommendations.

Exposure: C
Ground Snow (psf): 0
Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	6	8	8	8	8	8
125	8	8	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 5
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	6	6	6	6	6	6
125	8	8	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	8	8	8	8	8
120	8	8	8	8	8	6	6	6	6	6	6
125	8	8	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 15
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	8	8	8	8	8	8	8	8	8
115	6	6	8	8	8	6	6	6	6	8	8
120	6	6	8	8	8	6	6	6	6	6	6
125	6	6	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	8	8	6	6	8	8	8	8
115	6	6	6	6	8	6	6	6	6	6	8
120	6	6	6	6	8	6	6	6	6	6	6
125	6	6	6	6	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 25
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 35
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	6	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	6	6	6	6	6	6	6	6	6
130	4	4	6	6	6	6	6	6	6	6	6
135	4	4	6	6	6	6	6	6	6	6	6
140	4	4	4	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	6	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	4	4	6	6	6	6
130	4	4	4	6	6	4	4	4	4	6	6
135	4	4	4	4	6	4	4	4	4	4	6
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	4	4	4	4	6	6	6	6
130	4	4	4	4	4	4	4	4	4	6	6
135	4	4	4	4	4	4	4	4	4	4	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	4	4	6	6	6	6
130	0	0	0	0	0	4	4	4	4	6	6
135	0	0	0	0	0	4	4	4	4	4	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 45
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	8	8	8	8	8
120	8	8	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 5
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	8	8	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	8	8	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	8	8	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 15
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	8	8	8	6	6	6	8	8	8
115	6	6	8	8	8	6	6	6	6	6	6
120	6	6	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	8
115	6	6	6	6	8	6	6	6	6	6	6
120	6	6	6	6	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 25
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 35
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	6	6	6	6	6	6	6	6	6
130	4	4	6	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	4	4	6	6	6	6
130	4	4	4	4	6	4	4	4	4	6	6
135	4	4	4	4	6	4	4	4	4	4	6
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	4	4	6	6	6	6
130	4	4	4	4	4	4	4	4	4	6	6
135	4	4	4	4	4	4	4	4	4	4	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	4	4	6	6	6	6
130	0	0	0	0	0	4	4	4	4	6	6
135	0	0	0	0	0	4	4	4	4	4	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 45
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 5
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	8	8	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 15
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	8	8	8	6	6	6	6	6	6
115	6	6	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	6
115	6	6	6	6	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 25
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 35
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	6	6	6	6	6	6	6	6	6
130	4	4	4	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	6	6	4	4	4	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	4	4	6	6	6	6
125	4	4	4	4	6	4	4	4	4	6	6
130	4	4	4	4	6	4	4	4	4	4	6
135	4	4	4	4	6	4	4	4	4	4	4
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	4	4	6	6	6	6
125	4	4	4	4	4	4	4	4	4	6	6
130	4	4	4	4	4	4	4	4	4	4	6
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	4	4	6	6	6	6
125	0	0	0	0	0	4	4	4	4	6	6
130	0	0	0	0	0	4	4	4	4	4	6
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 45
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	4	4	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	4	6	6	6	6	4	6	6	6	6	6
140	4	4	6	6	6	4	4	4	4	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	4	4	6	6	6	6
120	4	4	4	4	6	4	4	4	4	6	6
125	4	4	4	4	6	4	4	4	4	4	6
130	4	4	4	4	6	4	4	4	4	4	4
135	4	4	4	4	6	4	4	4	4	4	4
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	4	4	6	6	6	6
120	4	4	4	4	4	4	4	4	4	6	6
125	4	4	4	4	4	4	4	4	4	4	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	4	4	6	6	6	6
120	0	0	0	0	0	4	4	4	4	6	6
125	0	0	0	0	0	4	4	4	4	4	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C

Ground Snow (psf): 0

Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	6	6	6	6	6	6
150	6	6	6	6	6	6	6	6	6	6	6
155	6	6	6	6	6	6	6	6	6	6	6
160	6	6	6	6	6	4	4	4	4	4	4
165	6	6	6	6	6	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	4	4	4	4	4	4
180	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	4	4	4	4	4	6	6	6	6	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	4	4	4	4	4	4
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	6	6	6	6	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	4	4	4	4	4	4
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	6	6	6	6	6	6
150	6	6	6	6	6	6	6	6	6	6	6
155	6	6	6	6	6	4	4	4	4	4	4
160	6	6	6	6	6	4	4	4	4	4	4
165	4	4	4	4	4	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	4	4	4	4	4	4
180	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: C

Ground Snow (psf): 0

Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	6	6	6	6	6	6
150	6	6	6	6	6	4	4	4	4	4	4
155	6	6	6	6	6	4	4	4	4	4	4
160	4	4	4	4	4	4	4	4	4	4	4
165	4	4	4	4	4	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	4	4	4	4	4	4
180	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	4	4	4	4	4	4
150	6	4	4	4	4	4	4	4	4	4	4
155	4	4	4	4	4	4	4	4	4	4	4
160	4	4	4	4	4	4	4	4	4	4	4
165	4	4	4	4	4	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	0	0	0	0	0	0
180	4	4	4	4	4	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: B
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	8	8	8	8	8	8
125	8	8	8	8	8	8	8	8	8	8	8
130	8	8	8	8	8	8	8	8	8	8	8
135	8	8	8	8	8	8	8	8	8	8	8
140	8	8	8	8	8	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	8	8	8	8	8	8
120	6	6	6	6	6	8	8	8	8	8	8
125	6	6	6	6	6	8	8	8	8	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	4	4	4	4	4	8	8	8	8	8	8
120	4	4	4	4	4	8	8	8	8	8	8
125	4	4	4	4	4	8	8	8	8	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 10
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	8	8	8	8	8	8
125	8	8	8	8	8	8	8	8	8	8	8
130	8	8	8	8	8	6	8	8	8	8	8
135	8	8	8	8	8	6	6	6	6	6	6
140	8	8	8	8	8	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	8	8	8	8	8	8
120	6	6	6	6	6	8	8	8	8	8	8
125	6	6	6	6	6	8	8	8	8	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	4	4	4	4	4	8	8	8	8	8	8
120	4	4	4	4	4	8	8	8	8	8	8
125	4	4	4	4	4	8	8	8	8	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 20
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	8	8	8	8	8	8	8	8
115	6	6	6	8	8	8	8	8	8	8	8
120	6	6	6	8	8	8	8	8	8	8	8
125	6	6	6	8	8	6	6	8	8	8	8
130	6	6	6	6	8	6	6	6	6	6	8
135	6	6	6	6	8	6	6	6	6	6	6
140	6	6	6	6	8	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	8	8	8	8	8	8
120	6	6	6	6	6	8	8	8	8	8	8
125	6	6	6	6	6	6	6	8	8	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	4	4	4	4	4	8	8	8	8	8	8
120	4	4	4	4	4	8	8	8	8	8	8
125	4	4	4	4	4	6	6	8	8	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 30
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	8	8	8
120	6	6	6	6	6	6	6	6	8	8	8
125	6	6	6	6	6	6	6	6	6	8	8
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	8	8	8
120	6	6	6	6	6	6	6	6	8	8	8
125	6	6	6	6	6	6	6	6	6	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	4	4	4	4	4	6	6	6	8	8	8
120	4	4	4	4	4	6	6	6	8	8	8
125	4	4	4	4	4	6	6	6	6	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 40
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	6	6	6	6	6	6
130	4	4	4	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	6	6	6	6	6	6
130	4	4	4	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 50
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: B
 Ground Snow (psf): 60
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 10
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 20
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 30
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	4	6	6	6	6	4	4	6	6	6	6
140	4	4	6	6	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 70
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	2	2	2	2	2	2	2	2	2	4
115	4	2	2	2	2	2	2	2	2	2	4
120	4	2	2	2	2	2	2	2	2	2	4
125	4	2	2	2	2	2	2	2	2	2	4
130	4	2	2	2	2	2	2	2	2	2	4
135	2	2	2	2	2	2	2	2	2	2	4
140	2	2	2	2	2	2	2	2	2	2	2

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	2	2	2	2	2	2	2	2	2	4
115	4	2	2	2	2	2	2	2	2	2	4
120	4	2	2	2	2	2	2	2	2	2	4
125	4	2	2	2	2	2	2	2	2	2	4
130	4	2	2	2	2	2	2	2	2	2	4
135	0	0	0	0	0	2	2	2	2	2	4
140	0	0	0	0	0	2	2	2	2	2	2

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	2	2	2	2	2	4
115	0	0	0	0	0	2	2	2	2	2	4
120	0	0	0	0	0	2	2	2	2	2	4
125	0	0	0	0	0	2	2	2	2	2	4
130	0	0	0	0	0	2	2	2	2	2	4
135	0	0	0	0	0	2	2	2	2	2	4
140	0	0	0	0	0	2	2	2	2	2	2

Pegasus Solar™ Inc.

Mr. Kai Stephan

July 30, 2018

Pegasus Solar™ Inc. LightSpeed L-Foot Composite Asphalt Roof

& Concrete Tile Roof Mounting Systems Supporting SunPower Invisimount Roof Mount Rails

SML Job No.: 182-15

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Our analysis assumes that the connections and associated hardware are installed in a workmanlike manner in accordance with the LightSpeed Mount Installation Manual and generally accepted standards of construction practice. It is the responsibility of the contractor to verify that the roof framing can safely support the loads imposed by the addition of the PV array. Starling Madison Lofquist, Inc. and Pegasus Solar™ assume no liability beyond what is specifically shown in this letter. Additional information is available at the Pegasus Solar™ web site, <http://pegasussolar.com/>

Please feel free to contact me at your convenience if you have any questions.

Respectfully yours,



Jesse Light, S.E.

Sr. Structural Engineer



Starling Madison Lofquist, Inc.
Consulting Structural and Forensic Engineers

5224 South 39th Street, Phoenix, Arizona 85040
tel: (602) 438-2500 fax: (602) 438-2505 ROC#291316 www.smleng.com

Pegasus Solar™ Inc.
100 West Ohio Avenue
Richmond, CA 94804

July 30, 2018
page 1 of 61

Attn: Mr. Kai Stephan, CEO

**Subject: Pegasus Solar™ LightSpeed Solar Mounting Systems Supporting
Invisimount Solar Mounting System Rails – Maximum Attachment Spacing**

SML Job No.: 182-15

Dear Mr. Stephan:

We have analyzed the Pegasus Solar™ LightSpeed photovoltaic (PV) panel roof mount system for its use on a composite asphalt or concrete tile roofs in conjunction with the SunPower Invisimount Roof Mount System rail. It was determined that, for the configurations and criteria described below, this system is in compliance with the applicable sections of the following reference documents:

Codes: New York State Building Code 2015 Edition
New York State Residential Code 2015 Edition
ASCE/SEI 7-10 Min. Design Loads for Buildings & Other Structures
Other: Aluminum Design Manual, ADM1-2015 Edition

This letter is intended to address the allowable attachment spacing for the Pegasus Solar™ LightSpeed Solar Mounting systems when used in conjunction with the SunPower Invisimount Roof Mount System rails.

We have reviewed the test data for the Pegasus Solar™ LightSpeed L-Foot prepared by Applied Materials & Engineering (AME), tested September 20, 2017, and Pegasus Solar™ LightSpeed Concrete Tile Roof Solar Mounting Systems prepared by Western Technologies (WT), tested January 7, 2017, in conjunction with the span tables from the SunPower Invisimount Roof Mounting System – Span Tables by P. Todd dated April 10, 2017 (Item #524734 Rev. B). We have determined that, subject to the limitations outlined below, the Pegasus Solar™ LightSpeed L-Foot Composite Asphalt Roof and LightSpeed Concrete Tile Roof Solar Mounting Systems are suitable for use with the SunPower Invisimount Roof Mounting System.

When using the Pegasus Solar LightSpeed L-foot on Composite Asphalt Roofs, refer to the maximum span of the SunPower Invisimount Roof Mount System shown in the span tables recommended by the manufacturer.

When using the Pegasus Solar LightSpeed L-foot on Concrete Tile Roofs, refer to the values in the tables provided below, which represent the lowest value for the attachment spacing based on either the allowable loads of the Pegasus Solar™ LightSpeed Concrete Tile Roof Solar Mounting System or the maximum span of the SunPower Invisimount Roof Mount System rail recommended by the manufacturer. The values in the tables below shall be verified by the end user of this letter to comply with all the requirements of the rail manufacturers installation recommendations.

Exposure: C
Ground Snow (psf): 0
Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	6	8	8	8	8	8
125	8	8	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 5
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	6	6	6	6	6	6
125	8	8	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	8	8	8	8	8
120	8	8	8	8	8	6	6	6	6	6	6
125	8	8	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 15
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	8	8	8	8	8	8	8	8	8
115	6	6	8	8	8	6	6	6	6	8	8
120	6	6	8	8	8	6	6	6	6	6	6
125	6	6	8	8	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	8	8	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	8	8	6	6	8	8	8	8
115	6	6	6	6	8	6	6	6	6	6	8
120	6	6	6	6	8	6	6	6	6	6	6
125	6	6	6	6	8	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	8	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	8	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 25
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	8	8	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	8
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	8
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 35
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	6	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	6	6	6	6	6	6	6	6	6
130	4	4	6	6	6	6	6	6	6	6	6
135	4	4	6	6	6	6	6	6	6	6	6
140	4	4	4	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	6	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	4	4	6	6	6	6
130	4	4	4	6	6	4	4	4	4	6	6
135	4	4	4	4	6	4	4	4	4	4	6
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	4	4	4	4	6	6	6	6
130	4	4	4	4	4	4	4	4	4	6	6
135	4	4	4	4	4	4	4	4	4	4	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	0	0	0	0	0	4	4	6	6	6	6
130	0	0	0	0	0	4	4	4	4	6	6
135	0	0	0	0	0	4	4	4	4	4	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 45
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	8	8	8	8	8
120	8	8	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 5
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	8	8	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	8	8	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	8	8	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 15
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	8	8	8	6	6	6	8	8	8
115	6	6	8	8	8	6	6	6	6	6	6
120	6	6	8	8	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	8
115	6	6	6	6	8	6	6	6	6	6	6
120	6	6	6	6	8	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 25
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 35
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	6	6	6	6	6	6	6	6	6
130	4	4	6	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	6	6	6	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	4	4	6	6	6	6
130	4	4	4	4	6	4	4	4	4	6	6
135	4	4	4	4	6	4	4	4	4	4	6
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	4	4	6	6	6	6
130	4	4	4	4	4	4	4	4	4	6	6
135	4	4	4	4	4	4	4	4	4	4	6
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	4	4	6	6	6	6
130	0	0	0	0	0	4	4	4	4	6	6
135	0	0	0	0	0	4	4	4	4	4	6
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 45
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	6
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 5
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	8	8	8
115	8	8	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	8	8	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 15
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	8	8	8	6	6	6	6	6	6
115	6	6	8	8	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	6
115	6	6	6	6	8	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 25
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 35
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	6	6	6	6	6	6	6	6	6
120	4	4	6	6	6	6	6	6	6	6	6
125	4	4	6	6	6	6	6	6	6	6	6
130	4	4	4	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	6	6	4	4	4	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	6	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	6	6	6	6	6	6
135	0	0	0	0	0	6	6	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	4	4	6	6	6	6
125	4	4	4	4	6	4	4	4	4	6	6
130	4	4	4	4	6	4	4	4	4	4	6
135	4	4	4	4	6	4	4	4	4	4	4
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	4	4	6	6	6	6
125	4	4	4	4	4	4	4	4	4	6	6
130	4	4	4	4	4	4	4	4	4	4	6
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	4	4	6	6	6	6
125	0	0	0	0	0	4	4	4	4	6	6
130	0	0	0	0	0	4	4	4	4	4	6
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 45
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	6
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 10
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 20
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	4	4	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 30
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	4	6	6	6	6	4	6	6	6	6	6
140	4	4	6	6	6	4	4	4	4	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 40
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	4	4	6	6	6	6
120	4	4	4	4	6	4	4	4	4	6	6
125	4	4	4	4	6	4	4	4	4	4	6
130	4	4	4	4	6	4	4	4	4	4	4
135	4	4	4	4	6	4	4	4	4	4	4
140	4	4	4	4	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	4	4	6	6	6	6
120	4	4	4	4	4	4	4	4	4	6	6
125	4	4	4	4	4	4	4	4	4	4	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	4	4	6	6	6	6
120	0	0	0	0	0	4	4	4	4	6	6
125	0	0	0	0	0	4	4	4	4	4	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 50
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 60
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	4	4	4	4	4	4
115	0	0	0	0	0	4	4	4	4	4	4
120	0	0	0	0	0	4	4	4	4	4	4
125	0	0	0	0	0	4	4	4	4	4	4
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 20

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	6	6	6	6	6	6
150	6	6	6	6	6	6	6	6	6	6	6
155	6	6	6	6	6	6	6	6	6	6	6
160	6	6	6	6	6	4	4	4	4	4	4
165	6	6	6	6	6	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	4	4	4	4	4	4
180	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	4	4	4	4	4	6	6	6	6	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	4	4	4	4	4	4
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	6	6	6	6	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	4	4	4	4	4	4
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	6	6	6	6	6	6
150	6	6	6	6	6	6	6	6	6	6	6
155	6	6	6	6	6	4	4	4	4	4	4
160	6	6	6	6	6	4	4	4	4	4	4
165	4	4	4	4	4	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	4	4	4	4	4	4
180	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	4	4	4	4	4	4
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 40

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	6	6	6	6	6	6
150	6	6	6	6	6	4	4	4	4	4	4
155	6	6	6	6	6	4	4	4	4	4	4
160	4	4	4	4	4	4	4	4	4	4	4
165	4	4	4	4	4	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	4	4	4	4	4	4
180	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	4	4	4	4	4	4
165	0	0	0	0	0	4	4	4	4	4	4
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: C
 Ground Snow (psf): 0
 Roof Height (ft): 60

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	6	6	6	6	6	4	4	4	4	4	4
150	6	4	4	4	4	4	4	4	4	4	4
155	4	4	4	4	4	4	4	4	4	4	4
160	4	4	4	4	4	4	4	4	4	4	4
165	4	4	4	4	4	4	4	4	4	4	4
170	4	4	4	4	4	4	4	4	4	4	4
175	4	4	4	4	4	0	0	0	0	0	0
180	4	4	4	4	4	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
145	0	0	0	0	0	4	4	4	4	4	4
150	0	0	0	0	0	4	4	4	4	4	4
155	0	0	0	0	0	4	4	4	4	4	4
160	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0

Exposure: B
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	8	8	8	8	8	8
125	8	8	8	8	8	8	8	8	8	8	8
130	8	8	8	8	8	8	8	8	8	8	8
135	8	8	8	8	8	8	8	8	8	8	8
140	8	8	8	8	8	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	8	8	8	8	8	8
120	6	6	6	6	6	8	8	8	8	8	8
125	6	6	6	6	6	8	8	8	8	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	4	4	4	4	4	8	8	8	8	8	8
120	4	4	4	4	4	8	8	8	8	8	8
125	4	4	4	4	4	8	8	8	8	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 10
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	8	8	8	8	8	8
115	8	8	8	8	8	8	8	8	8	8	8
120	8	8	8	8	8	8	8	8	8	8	8
125	8	8	8	8	8	8	8	8	8	8	8
130	8	8	8	8	8	6	8	8	8	8	8
135	8	8	8	8	8	6	6	6	6	6	6
140	8	8	8	8	8	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	8	8	8	8	8	8
120	6	6	6	6	6	8	8	8	8	8	8
125	6	6	6	6	6	8	8	8	8	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	4	4	4	4	4	8	8	8	8	8	8
120	4	4	4	4	4	8	8	8	8	8	8
125	4	4	4	4	4	8	8	8	8	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 20
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	8	8	8	8	8	8	8	8
115	6	6	6	8	8	8	8	8	8	8	8
120	6	6	6	8	8	8	8	8	8	8	8
125	6	6	6	8	8	6	6	8	8	8	8
130	6	6	6	6	8	6	6	6	6	6	8
135	6	6	6	6	8	6	6	6	6	6	6
140	6	6	6	6	8	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	6	6	6	6	6	8	8	8	8	8	8
120	6	6	6	6	6	8	8	8	8	8	8
125	6	6	6	6	6	6	6	8	8	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	8	8	8	8	8	8
115	4	4	4	4	4	8	8	8	8	8	8
120	4	4	4	4	4	8	8	8	8	8	8
125	4	4	4	4	4	6	6	8	8	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 30
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	8	8	8
120	6	6	6	6	6	6	6	6	8	8	8
125	6	6	6	6	6	6	6	6	6	8	8
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	6	6	6	6	6	6	6	6	8	8	8
120	6	6	6	6	6	6	6	6	8	8	8
125	6	6	6	6	6	6	6	6	6	8	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	8	8	8
115	4	4	4	4	4	6	6	6	8	8	8
120	4	4	4	4	4	6	6	6	8	8	8
125	4	4	4	4	4	6	6	6	6	8	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 40
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	6	6	6	6	6	6
130	4	4	4	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	6	6	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	6	6	6	6	6	6	6	6
120	4	4	4	6	6	6	6	6	6	6	6
125	4	4	4	6	6	6	6	6	6	6	6
130	4	4	4	6	6	6	6	6	6	6	6
135	4	4	4	6	6	6	6	6	6	6	6
140	4	4	4	4	4	6	6	6	6	6	6

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	6	6	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	6	6	6	6	6	6
135	4	4	4	4	4	6	6	6	6	6	6
140	0	0	0	0	0	6	6	6	6	6	6

Exposure: B
 Ground Snow (psf): 50
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: B
 Ground Snow (psf): 60
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	4	4	4	4	4	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	4	4	4	4	4	4
115	4	4	4	4	4	4	4	4	4	4	4
120	4	4	4	4	4	4	4	4	4	4	4
125	4	4	4	4	4	4	4	4	4	4	4
130	4	4	4	4	4	4	4	4	4	4	4
135	4	4	4	4	4	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 0
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 10
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	8	8	8	8	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	6	6	6	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 20
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	8	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	6	6	6	6	6	6	6	6	6	6	6
140	6	6	6	6	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 30
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	6	6	6	6	6	6	6	6	6	6	6
115	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6
125	6	6	6	6	6	6	6	6	6	6	6
130	6	6	6	6	6	6	6	6	6	6	6
135	4	6	6	6	6	4	4	6	6	6	6
140	4	4	6	6	6	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	4	4	4	4	6	6	6	6	6	6
115	4	4	4	4	4	6	6	6	6	6	6
120	4	4	4	4	4	6	6	6	6	6	6
125	4	4	4	4	4	6	6	6	6	6	6
130	4	4	4	4	4	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	6	6	6	6	6	6
115	0	0	0	0	0	6	6	6	6	6	6
120	0	0	0	0	0	6	6	6	6	6	6
125	0	0	0	0	0	6	6	6	6	6	6
130	0	0	0	0	0	4	4	4	4	4	4
135	0	0	0	0	0	4	4	4	4	4	4
140	0	0	0	0	0	4	4	4	4	4	4

Exposure: D
 Ground Snow (psf): 70
 Roof Height (ft): 30

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 1											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	2	2	2	2	2	2	2	2	2	4
115	4	2	2	2	2	2	2	2	2	2	4
120	4	2	2	2	2	2	2	2	2	2	4
125	4	2	2	2	2	2	2	2	2	2	4
130	4	2	2	2	2	2	2	2	2	2	4
135	2	2	2	2	2	2	2	2	2	2	4
140	2	2	2	2	2	2	2	2	2	2	2

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 2											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	4	2	2	2	2	2	2	2	2	2	4
115	4	2	2	2	2	2	2	2	2	2	4
120	4	2	2	2	2	2	2	2	2	2	4
125	4	2	2	2	2	2	2	2	2	2	4
130	4	2	2	2	2	2	2	2	2	2	4
135	0	0	0	0	0	2	2	2	2	2	4
140	0	0	0	0	0	2	2	2	2	2	2

INVISIMOUNT ALLOWABLE SPANS (feet) - Roof Zone 3											
Wind Speed	Roof Slope										
mph	9.46	14.04	18.43	22.62	26.57	30.26	33.69	36.87	39.81	42.51	45
110	0	0	0	0	0	2	2	2	2	2	4
115	0	0	0	0	0	2	2	2	2	2	4
120	0	0	0	0	0	2	2	2	2	2	4
125	0	0	0	0	0	2	2	2	2	2	4
130	0	0	0	0	0	2	2	2	2	2	4
135	0	0	0	0	0	2	2	2	2	2	4
140	0	0	0	0	0	2	2	2	2	2	2

Pegasus Solar™ Inc.

Mr. Kai Stephan

July 30, 2018

Pegasus Solar™ Inc. LightSpeed L-Foot Composite Asphalt Roof

& Concrete Tile Roof Mounting Systems Supporting SunPower Invisimount Roof Mount Rails

SML Job No.: 182-15

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Our analysis assumes that the connections and associated hardware are installed in a workmanlike manner in accordance with the LightSpeed Mount Installation Manual and generally accepted standards of construction practice. It is the responsibility of the contractor to verify that the roof framing can safely support the loads imposed by the addition of the PV array. Starling Madison Lofquist, Inc. and Pegasus Solar™ assume no liability beyond what is specifically shown in this letter. Additional information is available at the Pegasus Solar™ web site, <http://pegasussolar.com/>

Please feel free to contact me at your convenience if you have any questions.

Respectfully yours,



Exp. 1-31-19

Tres Warner, P.E.
Design Division Manager

Jesse Light, P.E.
Sr. Structural Engineer