

June 2, 2017

Mounting Systems, Inc 820 Riverside Parkway West Sacramento, CA 95605

TEL: (916) 287-2273

Attn.: Mounting Systems Engineering Department,

Re: Engineering Certification for Sigma Pure Ground Mount

PZSE, Inc.-Structural Engineers has reviewed Mounting Systems' span charts for the Sigma Pure Ground Mount in a two panel portrait configuration and a 4 panel landscape configuration. The analysis verifies the capacity of all the racking system components and the dimensions of the concrete pier footing. All information, data and analysis contained within the Mounting System's span charts are based on, and shall comply with Mounting System's Sigma Pure installation manual, technical data sheets, and the following codes:

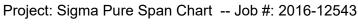
- 1. Minimum Design Loads for Buildings and other Structures, ASCE/SEI 7-10
- 2. 2012 International Building Code, by International Code Council, Inc.
- 3. 2013 California Building Code, by California Building Standards Commission
- 4. 2010 Aluminum Design Manual, by The Aluminum Association
- 5. AISC Steel Manual 14th Edition, American Institute of Steel Construction
- 6. AC428, Acceptance Criteria for Modular Framing Systems Used to Support Photovoltaic (PV) Panels, November 1, 2012 by ICC-ES

This letter certifies that the loading criteria and design basis for the Mounting System Sigma Pure Span Charts within the attached Tables 1-10 are in compliance with the above codes.

If you have any questions on the above, do not hesitate to call.

Prepared by: PZSE, Inc. - Structural Engineers Roseville, CA







	Maxi	mum Rafter Spaci	ng and Concrete F	Pier Design For Sign	na Pure Ground M	lount
	Cond	lition		Concrete Pier Sizes		Define Constant
	Wind Speed	Tilt	Pier Diameter	Front Min. Depth	Rear Min Depth	Rafter Spacing
		20 °	12 in	4.0 ft	6.0 ft	10.5 ft
		20	18 in	3.0 ft	4.5 ft	11.0 ft
i		25 °	12 in	3.5 ft	6.0 ft	9.0 ft
	105 mph	25	18 in	3.0 ft	5.0 ft	10.5 ft
ad	105 111þ11	30 °	12 in	3.0 ft	6.0 ft	7.5 ft
2 Panels Portrait, 0 PSF Snow Load		30	18 in	3.0 ft	5.0 ft	9.5 ft
οw		35 °	12 in	3.0 ft	6.0 ft	7.0 ft
Sn		33	18 in	3.0 ft	5.0 ft	8.0 ft
SF		20 °	12 in	4.0 ft	6.0 ft	8.5 ft
0 6	120 mmh	20	18 in	3.0 ft	5.0 ft	10.0 ft
ait,		25 ° 120 mph	12 in	3.5 ft	6.0 ft	7.0 ft
rtr			18 in	3.0 ft	5.0 ft	8.5 ft
Pc	120 111011		12 in	3.0 ft	6.0 ft	6.0 ft
sləu			18 in	3.0 ft	5.0 ft	7.0 ft
Par		35 °	12 in	3.0 ft	6.0 ft	5.0 ft
2		33	18 in	3.0 ft	5.0 ft	6.0 ft
		20 °	12 in	4.0 ft	6.0 ft	6.0 ft
		20	18 in	3.0 ft	5.0 ft	8.0 ft
		25 °	12 in	3.0 ft	6.0 ft	5.0 ft
	140 mph	23	18 in	3.0 ft	5.0 ft	6.5 ft
	140 IIIþlí	30 °	12 in	3.0 ft	6.0 ft	4.5 ft
		30	18 in	3.0 ft	5.0 ft	5.0 ft
		35 °	12 in	3.0 ft	6.0 ft	4.0 ft
		33	18 in	3.0 ft	5.0 ft	4.5 ft

EW Bay Spacing Span Chart For Mounting System Sigma Pure

Design Layout Requirements:

System Installation shall follow Mounting systems System Sigma Pure installation manual

Max panel dimension: 2000 mm x 1046 mm

Max panel weight: 60 lbs

Front edge clearance from ground: 3 ft

Front-Rear Leg spacing: 7.25 ft

Rails are continuous across multiple bays

Applicable Design Codes:

2013 California Building Code

Risk Category I

American Society of Civil Engineers, ASCE 7-10

2010 Aluminum Design Manual

American Institute of Steel Construction AISC 14th Edition

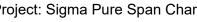
Site Conditions

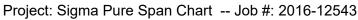
Exposure category C

Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf





Date: 6/2/2017





	Maxi	mum Rafter Spaci	ng and Concrete F	Pier Design For Sign	na Pure Ground M	lount	
	Cond	lition		Concrete Pier Sizes			
	Wind Speed	Tilt	Pier Diameter	Front Min. Depth	Rear Min Depth	Rafter Spacing	
		20 °	12 in	5.0 ft	6.0 ft	10.0 ft	
		20	18 in	3.0 ft	5.0 ft	10.5 ft	
		25 °	12 in	4.0 ft	6.0 ft	9.0 ft	
	105 mph	25	18 in	3.0 ft	5.0 ft	10.5 ft	
ad	103 111þ11	30 °	12 in	3.0 ft	6.0 ft	7.5 ft	
Panels Portrait, 20 PSF Snow Load		30	18 in	3.0 ft	5.0 ft	9.5 ft	
νoι		35 °	12 in	3.0 ft	6.0 ft	7.0 ft	
· Sn		35	18 in	3.0 ft	5.0 ft	8.0 ft	
PSF	120 mgh	20°	12 in	4.5 ft	6.0 ft	8.0 ft	
20			18 in	3.0 ft	5.0 ft	10.0 ft	
it,		25 °	12 in	3.5 ft	6.0 ft	7.0 ft	
tra			18 in	3.0 ft	5.0 ft	8.5 ft	
Pol	120 111011		12 in	3.0 ft	6.0 ft	6.0 ft	
els		30	18 in	3.0 ft	5.0 ft	7.0 ft	
an		35 °	12 in	3.0 ft	6.0 ft	5.0 ft	
2 P		33	18 in	3.0 ft	5.0 ft	6.0 ft	
		20 °	12 in	4.0 ft	6.0 ft	6.0 ft	
		20	18 in	3.0 ft	5.0 ft	8.0 ft	
		25 °	12 in	3.0 ft	6.0 ft	5.0 ft	
	140 mph	23	18 in	3.0 ft	5.0 ft	6.5 ft	
	140 mpn	30 °	12 in	3.0 ft	6.0 ft	4.5 ft	
		30	18 in	3.0 ft	5.0 ft	5.0 ft	
		35 °	12 in	3.0 ft	6.0 ft	4.0 ft	
		55	18 in	3.0 ft	5.0 ft	4.5 ft	

EW Bay Spacing Span Chart For Mounting System Sigma Pure

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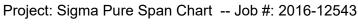
Site Conditions

Exposure category C

Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf





	Maxi	mum Rafter Spacii	ng and Concrete F	Pier Design For Sign	na Pure Ground M	lount	
	Condition			Concrete Pier Sizes			
	Wind Speed	Tilt	Pier Diameter	Front Min. Depth	Rear Min Depth	Rafter Spacing	
		20 °	12 in	5.0 ft	6.0 ft	7.5 ft	
		20	18 in	3.0 ft	5.0 ft	9.5 ft	
		25 °	12 in	4.5 ft	6.0 ft	7.0 ft	
	105 mmh	25	18 in	3.0 ft	5.0 ft	9.0 ft	
ad	105 mph	30°	12 in	3.5 ft	6.0 ft	6.5 ft	
Panels Portrait, 40 PSF Snow Load		30	18 in	3.0 ft	5.0 ft	8.5 ft	
NO.		35 °	12 in	3.5 ft	6.0 ft	6.5 ft	
: Sn		35	18 in	3.0 ft	5.0 ft	8.0 ft	
PSF	120 mph	20°	12 in	5.0 ft	6.0 ft	6.5 ft	
40			18 in	3.0 ft	5.0 ft	8.5 ft	
it,		25 °	12 in	4.0 ft	6.0 ft	6.0 ft	
tra			18 in	3.0 ft	5.0 ft	7.5 ft	
Por	120 111011	30°	12 in	3.5 ft	6.0 ft	5.5 ft	
Sie		50	18 in	3.0 ft	5.0 ft	7.0 ft	
ano		35 °	12 in	3.0 ft	6.0 ft	5.0 ft	
2 P		33	18 in	3.0 ft	5.0 ft	6.0 ft	
		20°	12 in	4.5 ft	6.0 ft	5.5 ft	
		20	18 in	3.0 ft	5.0 ft	7.0 ft	
		25 °	12 in	4.0 ft	6.0 ft	5.0 ft	
	140 mph	23	18 in	3.0 ft	5.0 ft	6.5 ft	
	140 IIIþlí	30°	12 in	3.0 ft	6.0 ft	4.5 ft	
		30	18 in	3.0 ft	5.0 ft	5.0 ft	
		35 °	12 in	3.0 ft	6.0 ft	4.0 ft	
		33	18 in	3.0 ft	5.0 ft	4.5 ft	

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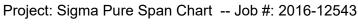
Site Conditions

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Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf





	Maxi	mum Rafter Spaci	ng and Concrete F	Pier Design For Sign	na Pure Ground M	lount	
	Condition			Concrete Pier Sizes			
	Wind Speed	Tilt	Pier Diameter	Front Min. Depth	Rear Min Depth	Rafter Spacing	
		20 °	12 in	5.0 ft	6.0 ft	6.0 ft	
		20	18 in	3.0 ft	5.0 ft	8.0 ft	
		25 °	12 in	4.5 ft	6.0 ft	6.0 ft	
	105 mph	25	18 in	3.0 ft	5.0 ft	7.5 ft	
ad	105 mpn	30 °	12 in	4.0 ft	6.0 ft	6.0 ft	
7		30	18 in	3.0 ft	5.0 ft	7.5 ft	
2 Panels Portrait, 60 PSF Snow Load		35 °	12 in	3.5 ft	6.0 ft	5.5 ft	
Sı		33	18 in	3.0 ft	5.0 ft	7.0 ft	
PSF		20 °	12 in	5.0 ft	6.0 ft	5.5 ft	
09		20	18 in	3.0 ft	5.0 ft	7.0 ft	
it,	120 mph	25 °	12 in	4.5 ft	6.0 ft	5.5 ft	
tra		23	18 in	3.0 ft	5.0 ft	7.0 ft	
Por		30 °	12 in	3.5 ft	6.0 ft	5.0 ft	
e s			18 in	3.0 ft	5.0 ft	6.0 ft	
an		35 °	12 in	3.5 ft	6.0 ft	5.0 ft	
2 P		33	18 in	3.0 ft	5.0 ft	6.0 ft	
		20 °	12 in	4.5 ft	6.0 ft	4.5 ft	
		20	18 in	3.0 ft	5.0 ft	6.0 ft	
		25 °	12 in	4.0 ft	6.0 ft	4.5 ft	
	140 mph	23	18 in	3.0 ft	5.0 ft	5.5 ft	
	140 IIIþlí	30 °	12 in	3.5 ft	6.0 ft	4.0 ft	
		30	18 in	3.0 ft	5.0 ft	5.0 ft	
		35 °	12 in	3.5 ft	6.0 ft	4.0 ft	
		33	18 in	3.0 ft	5.0 ft	4.5 ft	

EW Bay Spacing Span Chart For Mounting System Sigma Pure

Design Layout Requirements:

System Installation shall follow Mounting systems System Sigma Pure installation manual

Max panel dimension: 2000 mm x 1046 mm

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Front edge clearance from ground: 3 ft

Front-Rear Leg spacing: 7.25 ft

Rails are continuous across multiple bays

Applicable Design Codes:

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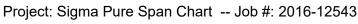
Site Conditions

Exposure category C

Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf





Ī	N Cond	ition	Snow 0 PSF	Snow 20 PSF	Snow 40 PSF	Snow 60 PSF
	Wind Speed	Tilt		fter Spacing		
		20°	11.0 ft	10.5 ft	9.5 ft	8.5 ft
	105h	25°	10.5 ft	10.5 ft	9.5 ft	8.5 ft
	105 mph	30°	10.0 ft	10.0 ft	9.5 ft	8.5 ft
ij		35°	9.5 ft	9.5 ft	9.5 ft	9.0 ft
2 Panels Portrait		20°	10.0 ft	10.0 ft	8.5 ft	8.0 ft
anels	120 mph	25°	9.5 ft	9.5 ft	8.5 ft	8.0 ft
2 6		30°	8.5 ft	8.5 ft	8.5 ft	8.0 ft
		35°	7.5 ft	7.5 ft	7.5 ft	7.5 ft
		20°	8.5 ft	8.5 ft	8.0 ft	7.5 ft
		25°	8.0 ft	8.0 ft	8.0 ft	7.5 ft
	140 mph	30°	6.0 ft	6.0 ft	6.0 ft	6.0 ft
		35°	5.5 ft	5.5 ft	5.5 ft	5.5 ft

EW Bay Spacing Span Chart For Mounting System Sigma Pure

Design layout requirements:

System installation shall follow Mounting Systems Sigma Pure installation manual

System orientation: 2 panels portrait

Max panel dimension: 2000 mm x 1046 mm

Max panel weight: 60 lbs

Front edge clearance from ground: 3 ft.

Front-Rear Leg spacing: 7.25 ft

Rails are continuous across multiple bays

Applicable Design Codes:

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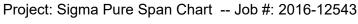
Site Conditions

Exposure category C

Soil site class D

Seismic Design Category D

Earth Screws to be designed by others





	Maxi	mum Rafter Spac	ing and Concrete I	Pier Design For Sign	na Pure Ground M	lount	
	Condition			Concrete Pier Sizes			
	Wind Speed	Tilt	Pier Diameter	Front Min. Depth	Rear Min Depth	Rafter Spacing	
		20°	12 in	4.0 ft	6.0 ft	9.5 ft	
		20	18 in	3.0 ft	5.0 ft	11.0 ft	
		25°	12 in	4.0 ft	6.0 ft	8.0 ft	
	105 mph	25	18 in	3.0 ft	5.0 ft	10.5 ft	
	105 mpn	30°	12 in	3.0 ft	6.0 ft	7.0 ft	
р		30	18 in	3.0 ft	5.0 ft	8.5 ft	
4 Panels Landscape, 0 PSF Snow Load		35°	12 in	3.0 ft	6.0 ft	6.0 ft	
Š		35	18 in	3.0 ft	5.0 ft	7.0 ft	
Sn	120 mph	20°	12 in	4.0 ft	6.0 ft	7.5 ft	
PSF		20	18 in	3.0 ft	5.0 ft	9.5 ft	
0,0		25°	12 in	3.5 ft	6.0 ft	6.5 ft	
ape			18 in	3.0 ft	5.0 ft	8.0 ft	
ospı	120 (((p))	30°	12 in	3.0 ft	6.0 ft	5.5 ft	
Lar			18 in	3.0 ft	5.0 ft	6.5 ft	
iels		35°	12 in	3.0 ft	6.0 ft	4.5 ft	
Par		33	18 in	3.0 ft	5.0 ft	5.5 ft	
4		20°	12 in	4.0 ft	6.0 ft	5.5 ft	
		20	18 in	3.0 ft	5.0 ft	7.0 ft	
		25°	12 in	3.0 ft	6.0 ft	4.5 ft	
	140 mph	2.5	18 in	3.0 ft	5.0 ft	6.0 ft	
	140 IIIpii	30°	12 in	3.0 ft	6.0 ft	4.0 ft	
		30	18 in	3.0 ft	5.0 ft	4.5 ft	
		35°	12 in	3.0 ft	6.0 ft	3.5 ft	
		33	18 in	3.0 ft	5.0 ft	4.0 ft	

EW Bay Spacing Span Chart For Mounting System Sigma Pure

Design Layout Requirements:

System Installation shall follow Mounting Systems' Sigma Pure installation manual

System orientation: 4 Panels Landscape

Max panel dimension: 2000 mm x 1046 mm

Max panel weight: 60 lbs

Front edge clearance from ground: 2 ft

Front-Rear leg spacing: 7.25 ft

Rails are continuous across multiple bays

Applicable Design Codes:

2013 California Building Code

Risk Category I

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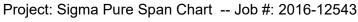
Site Conditions

Exposure category C

Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf





	Condition		Concrete Pier Sizes		Doftor Coccin
Wind Speed	Tilt	Pier Diameter	Front Min. Depth	Rear Min Depth	Rafter Spacing
	20°	12 in	5.0 ft	6.0 ft	9.0 ft
	20	18 in	3.0 ft	5.0 ft	10.5 ft
	25°	12 in	4.0 ft	6.0 ft	8.0 ft
105 mph	25	18 in	3.0 ft	5.0 ft	10.0 ft
105 mpn	30°	12 in	3.0 ft	6.0 ft	7.0 ft
	30	18 in	3.0 ft	5.0 ft	8.5 ft
	35°	12 in	3.0 ft	6.0 ft	6.0 ft
	55	18 in	3.0 ft	5.0 ft	7.0 ft
	20°	12 in	4.0 ft	6.0 ft	7.5 ft
		18 in	3.0 ft	5.0 ft	9.5 ft
	25°	12 in	4.0 ft	6.0 ft	6.5 ft
120 mph	23	18 in	3.0 ft	5.0 ft	8.0 ft
120 111011	30°	12 in	3.0 ft	6.0 ft	5.5 ft
	30	18 in	3.0 ft	5.0 ft	6.5 ft
	35°	12 in	3.0 ft	6.0 ft	4.5 ft
	33	18 in	3.0 ft	5.0 ft	5.5 ft
	20°	12 in	4.0 ft	6.0 ft	5.5 ft
	20	18 in	3.0 ft	5.0 ft	7.0 ft
	25°	12 in	3.0 ft	6.0 ft	4.5 ft
140 mph	23	18 in	3.0 ft	5.0 ft	6.0 ft
140 mpn	30°	12 in	3.0 ft	6.0 ft	4.0 ft
	30	18 in	3.0 ft	5.0 ft	4.5 ft
	35°	12 in	3.0 ft	6.0 ft	3.5 ft
	33	18 in	3.0 ft	5.0 ft	4.0 ft

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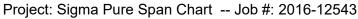
Site Conditions

Exposure category C

Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf



P7S

Date: 6/2/2017 Engineer: CT

	Maxii	mum Rafter Spaciı	ng and Concrete P	Pier Design For Sign	na Pure Ground M	lount
	Condition				- Rafter Spacing	
	Wind Speed	Tilt	Pier Diameter	Front Min. Depth	Rear Min Depth	Karter Spacing
		20°	12 in	5.0 ft	6.0 ft	7.0 ft
		20 ,	18 in	3.0 ft	5.0 ft	8.5 ft
		25°	12 in	4.5 ft	6.0 ft	6.5 ft
	105 mph		18 in	3.0 ft	5.0 ft	8.0 ft
70	103 IIIqIII	30°	12 in	4.0 ft	6.0 ft	6.0 ft
.oa(18 in	3.0 ft	5.0 ft	7.5 ft
W L		35°	12 in	3.5 ft	6.0 ft	6.0 ft
'n		35	18 in	3.0 ft	5.0 ft	7.0 ft
sf S		20°	12 in	5.0 ft	6.0 ft	6.0 ft
ğ			18 in	3.0 ft	5.0 ft	7.5 ft
, 4(25°	12 in	4.0 ft	6.0 ft	5.5 ft
эре	120 mph		18 in	3.0 ft	5.0 ft	7.0 ft
4 Panels Landscape, 40 psf Snow Load	120 πρπ	30°	12 in	3.5 ft	6.0 ft	5.0 ft
anc			18 in	3.0 ft	5.0 ft	6.5 ft
Is L		35°	12 in	3.0 ft	6.0 ft	4.5 ft
nel			18 in	3.0 ft	5.0 ft	5.5 ft
. Pa		20°	12 in	5.0 ft	6.0 ft	5.0 ft
4			18 in	3.0 ft	5.0 ft	6.5 ft
ļ		25°	12 in	4.0 ft	6.0 ft	4.5 ft
	140 mph		18 in	3.0 ft	5.0 ft	5.5 ft
	140 mph	30°	12 in	3.0 ft	6.0 ft	4.0 ft
		30	18 in	3.0 ft	5.0 ft	4.5 ft
		25°	12 in	3.0 ft	6.0 ft	3.5 ft
		35°	18 in	3.0 ft	5.0 ft	4.0 ft

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Design Layout Requirements:

System Installation shall follow Mounting Systems' Sigma Pure installation manual

System orientation: 4 Panels Landscape
Max panel dimension: 2000 mm x 1046 mm

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Front edge clearance from ground: 2 ft

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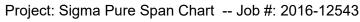
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Exposure category C

Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf





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	Condition				Defter Creeine	
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		20	18 in	3.0 ft	5.0 ft	7.0 ft
		25°	12 in	4.5 ft	6.0 ft	5.5 ft
	105 mph	25	18 in	3.0 ft	5.0 ft	7.0 ft
	105 (11)	30°	12 in	4.0 ft	6.0 ft	5.0 ft
þ		30	18 in	3.0 ft	5.0 ft	6.5 ft
4 Panels Landscape, 60 PSF Snow Load		35°	12 in	4.0 ft	6.0 ft	5.0 ft
δ		55	18 in	3.0 ft	5.0 ft	6.5 ft
F.Sr		20°	12 in	5.0 ft	6.0 ft	5.0 ft
PS			18 in	3.0 ft	5.0 ft	6.5 ft
, 60		25°	12 in	4.5 ft	6.0 ft	5.0 ft
abe	120 mph		18 in	3.0 ft	5.0 ft	6.0 ft
qsc	120 (((p))	30°	12 in	4.0 ft	6.0 ft	4.5 ft
Lan			18 in	3.0 ft	5.0 ft	5.5 ft
els			12 in	3.5 ft	6.0 ft	4.5 ft
Pan		33	18 in	3.0 ft	5.0 ft	5.5 ft
4		20°	12 in	5.0 ft	6.0 ft	4.5 ft
		20	18 in	3.0 ft	5.0 ft	5.5 ft
		25°	12 in	4.5 ft	6.0 ft	4.0 ft
	140 mph	23	18 in	3.0 ft	5.0 ft	5.0 ft
	140 IIIpii	30°	12 in	3.5 ft	6.0 ft	3.5 ft
		30	18 in	3.0 ft	5.0 ft	4.5 ft
		35°	12 in	3.5 ft	6.0 ft	3.5 ft
		35	18 in	3.0 ft	5.0 ft	4.0 ft

EW Bay Spacing Span Chart For Mounting System Sigma Pure

Design Layout Requirements:

System Installation shall follow Mounting Systems' Sigma Pure installation manual

System orientation: 4 Panels Landscape

Max panel dimension: 2000 mm x 1046 mm

Max panel weight: 60 lbs

Front edge clearance from ground: 2 ft

Front-Rear leg spacing: 7.25 ft

Rails are continuous across multiple bays

Applicable Design Codes:

2013 California Building Code

Risk Category I

American Society of Civil Engineers, ASCE 7-10 $\,$

2010 Aluminum Design Manual

American Institute of Steel Construction AISC 14th Edition

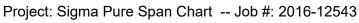
Site Conditions

Exposure category C

Soil site class D

Seismic design category D

Soil lateral bearing pressure 150 psf





	Cond	ition	Snow 0 PSF	Snow 20 PSF	Snow 40 PSF	Snow 60 PSF
	Wind Speed	Tilt		Maximum Ra	fter Spacing	
		20°	11.0 ft	10.5 ft	9.0 ft	8.0 ft
	405	25°	10.5 ft	10.0 ft	9.0 ft	8.5 ft
	105 mph	30°	10.0 ft	10.0 ft	9.0 ft	8.5 ft
ape		35°	8.5 ft	8.5 ft	8.5 ft	8.5 ft
4 Panels Landscape	120 mph	20°	9.5 ft	9.5 ft	8.5 ft	7.5 ft
nels L		25°	9.0 ft	9.0 ft	8.5 ft	8.5 ft
4 Pa		30°	7.5 ft	7.5 ft	7.5 ft	7.5 ft
		35°	6.5 ft	6.5 ft	6.5 ft	6.5 ft
		20°	8.5 ft	8.5 ft	7.5 ft	7.0 ft
	140 mm	25°	7.5 ft	7.5 ft	7.5 ft	7.0 ft
	140 mph	30°	5.5 ft	5.5 ft	5.5 ft	5.5 ft
		35°	4.5 ft	4.5 ft	4.5 ft	4.5 ft

EW Bay Spacing Span Chart For Mounting System Sigma Pure

Design layout requirements:

System installation shall follow Mounting Systems Sigma Pure installation manual

System orientation: 4 panels landscape

Max panel dimension: 2000 mm x 1046 mm

Max panel weight: 60 lbs

Front edge clearance from ground: 2 ft.

Front-Rear Leg spacing: 7.25 ft.

System is continuous across multiple bays

Applicable Design Codes:

2013 California Building Code

Risk Category I

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Site Conditions

Exposure category C

Soil site class D

Seismic Design Category D

Earth Screws to be designed by others