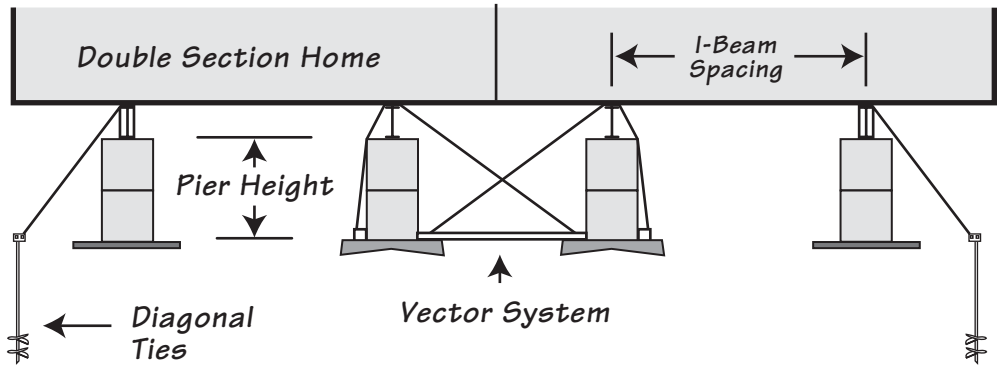


# Vector Dynamics System

## Pitch Slopes for Wind Zone I

Federal Manufactured Home Construction & Safety Standards



### 99 1/2" I-Beam Spacing (Maximum)

Diagonal Tie Anchor Spacing = 12'-0" O/C  
Maximum Roof Slope = 5/12

Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Vector Systems					Vector LSD Systems Each Section
			2	3	4	5	6	
136	32"	96"	28'	41'	55'	69'	80'	1
142	36"	96"	28'	42'	56'	70'	80'	1
156	44"	96"	28'	43'	58'	72'	80'	1
164	56"	96"	27'	40'	54'	68'	80'	1
176	56"	96"	28'	42'	56'	70'	80'	1
180	56"	96"	28'	42'	56'	70'	80'	1
186	56"	96"	28'	42'	56'	70'	80'	2

### 99 1/2" I-Beam Spacing (Maximum)

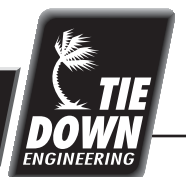
Diagonal Tie Anchor Spacing = 12'-0" O/C  
Maximum Roof Slope = 6/12

Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Vector Systems					Vector LSD Systems Each Section
			2	3	4	5	6	
136	32"	96"	25'	38'	50'	62'	76'	1
142	36"	96"	25'	38'	50'	63'	76'	1
156	44"	96"	25'	38'	50'	64'	76'	1
164	44"	96"	26'	40'	53'	66'	80'	1
176	52"	96"	26'	38'	52'	64'	76'	2
180	52"	96"	26'	38'	52'	64'	76'	2
186	56"	96"	25'	38'	51'	64'	76'	2

### 99 1/2" I-Beam Spacing (Maximum)

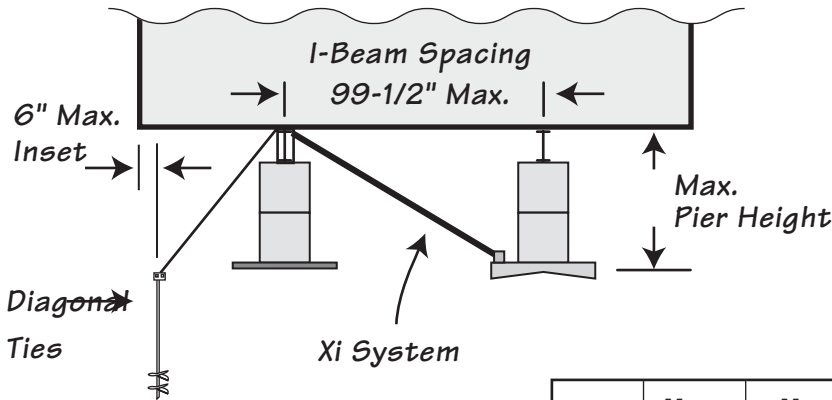
Diagonal Tie Anchor Spacing = 12'-0" O/C  
Maximum Roof Slope = 7/12

Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Vector Systems					Vector LSD Systems Each Section
			2	3	4	5	6	
136	28"	96"	24'	36'	48'	60'	72'	1
142	28"	96"	25'	38'	50'	63'	76'	1
156	36"	96"	25'	38'	50'	62'	75'	1
164	36"	96"	26'	38'	52'	64'	76'	1
176	40"	96"	26'	38'	51'	64'	76'	2
180	40"	96"	26'	38'	51'	64'	76'	2
186	40"	96"	26'	38'	51'	64'	76'	2



# Xi System Pitch Slopes for Wind Zone I

Federal Manufactured Home Construction & Safety Standards



**99-1/2" I-Beam Spacing (Maximum)**  
 Diagonal Tie Anchor Spacing = **16'-0" O/C**  
 Maximum Roof Slope = **5/12**

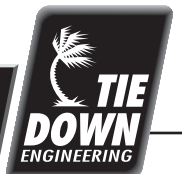
Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Xi Systems				Vector/Xi LSD Systems Each Section
			2	3	4	5	
136	44"	96"	36'	54'	72'	80'	1
142	44"	96"	36'	54'	72'	80'	1
156	44"	96"	38'	56'	76'		1
164	44"	96"	38'	58'	76'		1
176	44"	96"	40'	62'	80'		1
180	44"	96"	40'	62'	80'		1
186	44"	96"	42'	62'	80'		2

**99-1/2" I-Beam Spacing (Maximum)**  
 Diagonal Tie Anchor Spacing = **12'-0" O/C**  
 Maximum Roof Slope = **6/12**

Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Xi Systems				Vector/Xi LSD Systems Each Section
			2	3	4	5	
136	48"	96"	34'	51'	68'	80'	1
142	48"	96"	35'	53'	71'	80'	1
156	48"	96"	38'	57'	76'		1
164	48"	96"	39'	58'	78'		1
176	48"	96"	40'	61'	80'		2
180	48"	96"	40'	61'	80'		2
186	48"	96"	42'	62'	80'		2

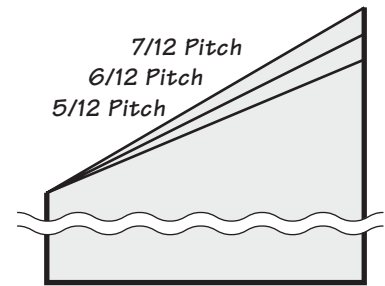
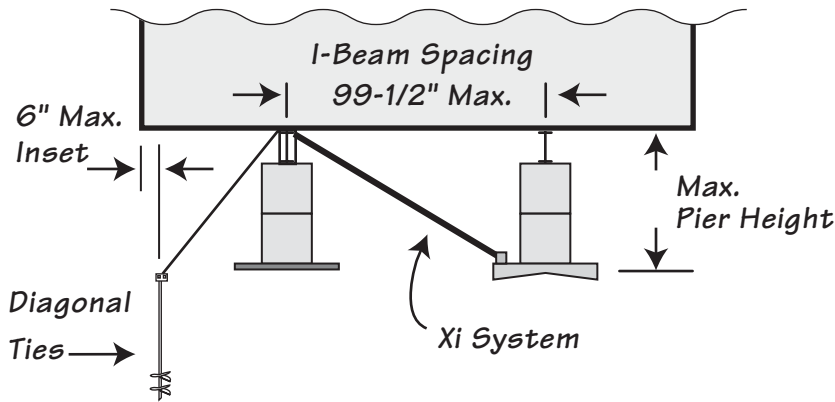
**99-1/2" I-Beam Spacing (Maximum)**  
 Diagonal Tie Anchor Spacing = **12'-0" O/C**  
 Maximum Roof Slope = **7/12**

Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Xi Systems				Vector/Xi LSD Systems Each Section
			2	3	4	5	
136	40"	96"	34'	51'	68'	80'	1
142	40"	96"	34'	51'	68'	80'	1
156	40"	96"	36'	54'	72'	80'	1
164	44"	96"	37'	55'	74'	80'	1
176	40"	96"	40'	60'	80'		2
180	40"	96"	40'	60'	80'		2
186	48"	96"	43'	64'	80'		2



# Xi System Pitch Slopes for Wind Zone I

Federal Manufactured Home Construction & Safety Standards



Double Section Home



Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Xi Systems			Vector/Xi LSD Systems Each Section
			2	3	4	
136	40"	96"	44'	66'	80'	1
142	40"	96"	45'	68'	80'	1
156	40"	96"	48'	72'	80'	1
164	36"	96"	52'	78'		1
176	32"	96"	56'	80'		1
180	32"	96"	56'	80'		1
186	32"	96"	56'	80'		2

**82 1/2" I-Beam Spacing (Maximum)**  
 Diagonal Tie Anchor Spacing = 14'-0" O/C  
 Maximum Roof Slope = 5/12

Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Xi Systems			Vector/Xi LSD Systems Each Section
			2	3	4	
136	40"	96"	42'	64'	80'	1
142	40"	96"	44'	66'	80'	1
156	40"	96"	47'	70'	80'	1
164	36"	96"	48'	72'	80'	1
176	32"	96"	52'	79'	80'	2
180	32"	96"	52'	79'	80'	2
186	32"	96"	52'	79'	80'	2

**82 1/2" I-Beam Spacing (Maximum)**  
 Diagonal Tie Anchor Spacing = 12'-0" O/C  
 Maximum Roof Slope = 6/12

Unit Width	Max. Pier Height	Max. Sidewall Height	Max. Unit Length for Number of Xi Systems			Vector/Xi LSD Systems Each Section
			2	3	4	
136	44"	96"	40'	60'	80'	1
142	44"	96"	42'	62'	80'	1
156	44"	96"	44'	67'	80'	1
164	44"	96"	46'	69'	80'	1
176	44"	96"	47'	71'	80'	2
180	44"	96"	47'	71'	80'	2
186	44"	96"	56'	80'		2

**82 1/2" I-Beam Spacing (Maximum)**  
 Diagonal Tie Anchor Spacing = 10'-0" O/C  
 Maximum Roof Slope = 7/12

