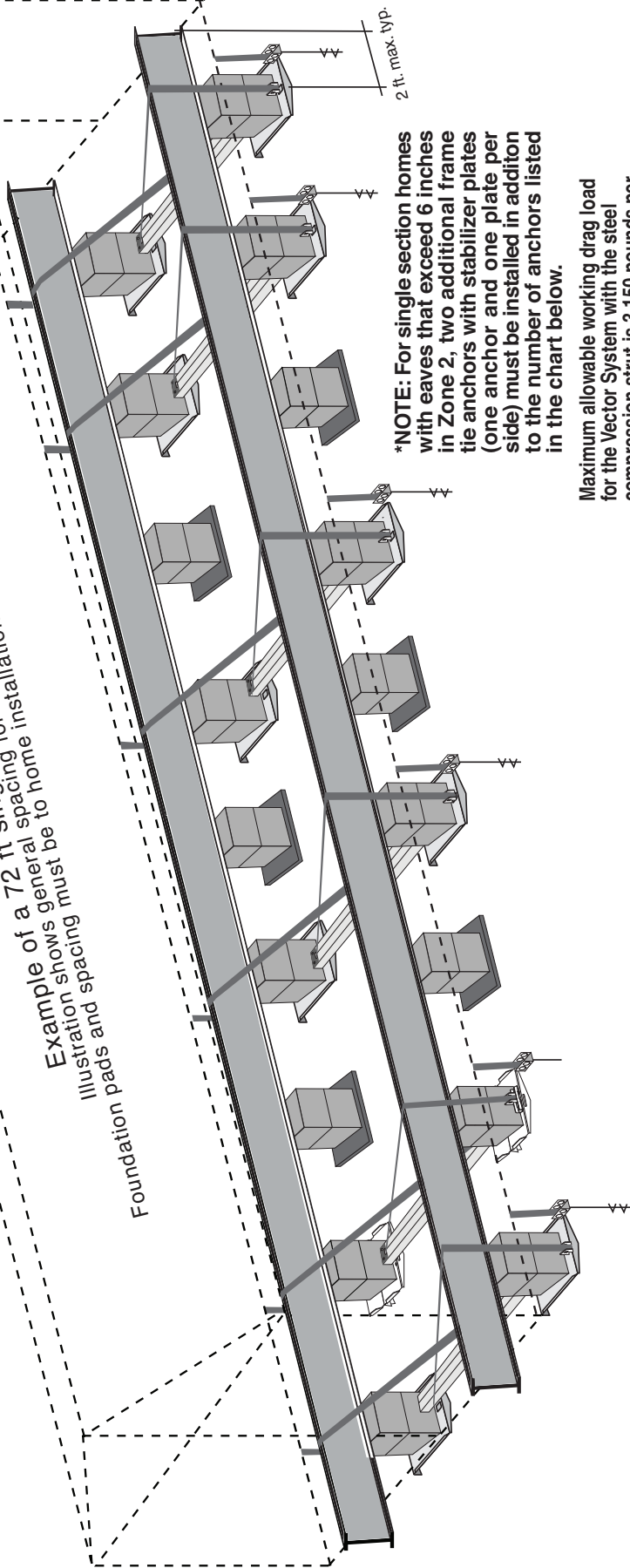


WIND ZONE II (Hurricane) Vector Dynamics Systems Required for Single Section Homes (Materials Required)

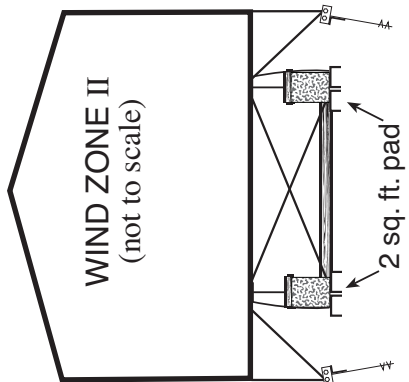
Example of a 72 ft single section home
Illustration shows general spacing for Vector systems.
Foundation pads and spacing must be to home installation manual guidelines.



***NOTE:** For single section homes with eaves that exceed 6 inches in Zone 2, two additional frame tie anchors with stabilizer plates (one anchor and one plate per side) must be installed in addition to the number of anchors listed in the chart below.

Maximum allowable working drag load for the Vector System with the steel compression strut is 3,150 pounds per the K2 Engineering test report.

Soil Classifications:
2, 3, 4A, & 4B
Soil Bearing Capacity:
1,000 PSF minimum
Anchors Required*:
30" with 4" helix anchor (59095),
1-1/4" vertical ties w/4725 lbs. min. breaking strength.



Home Length	Vector Systems Required	Anchors Required Per Side *	
		Eaves 6" or less	Eaves over 6" less than or equal to 12"
0 to 48'	4	4	5
49' to 60"	5	5	6
61' to 72'	6	6	7
73" to 84'	7	7	8
85' to 90'	8	8	9

Vector Systems should be spaced as symmetrically as possible along the length of the home. Pier spacing must be consistent with home manufacturers' instructions and/or state requirements.

Each Vector Foundation System requires

- One Vector Kit, 2 slotted bolts
- 2 ea. 1-1/4 in. ties, length will vary with pier height (4725 lb. min. break).
- 1 ea. 4 x 4 pressure treated wood compression member
- or 2 ea. 2 x 4 pressure treated wood compression member
- or 1 ea. 3-1/2" or 4" nominal SCH 40 PVC pipe compression member
- or 1 TDE adjustable steel Strut

