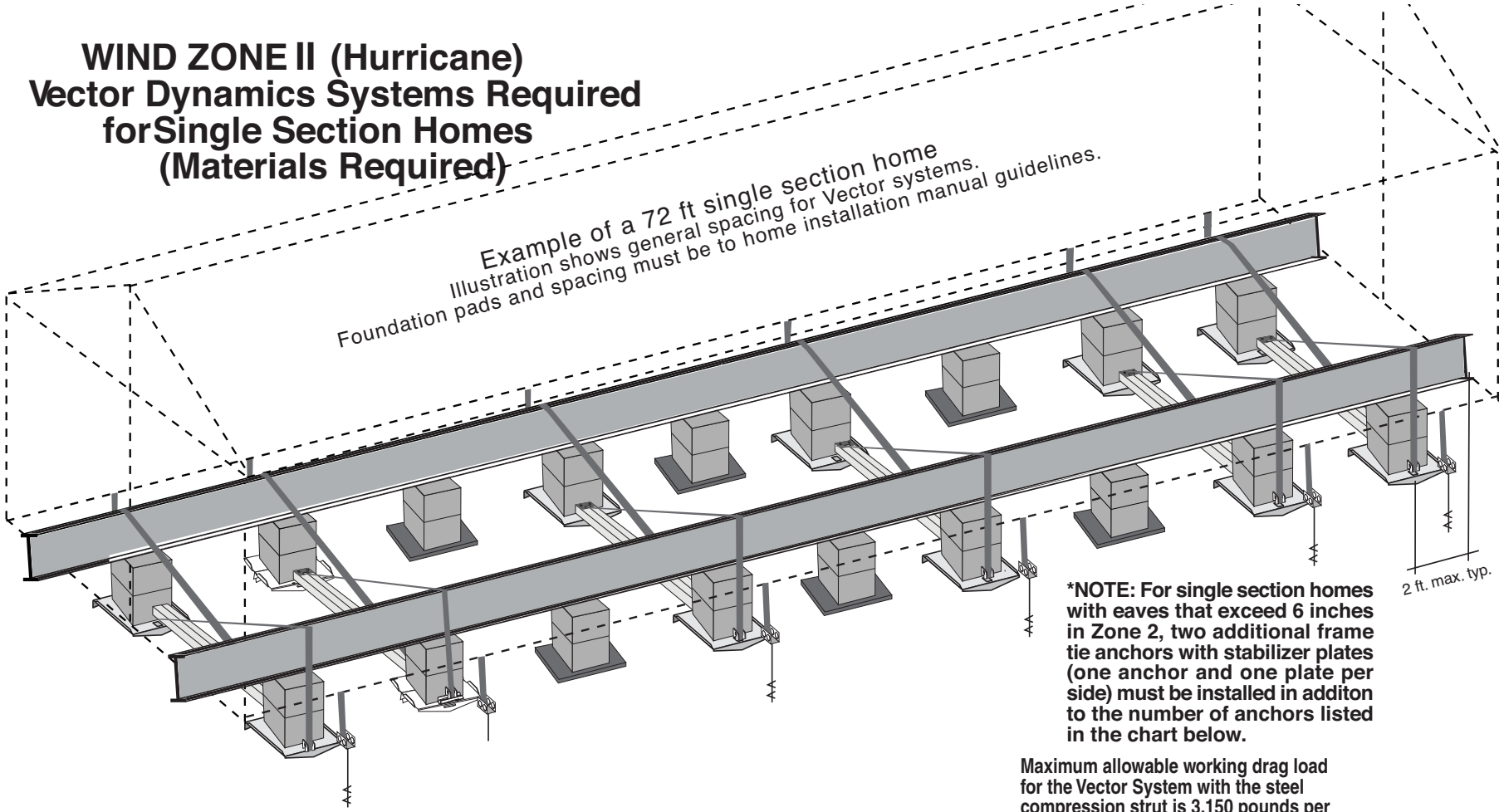
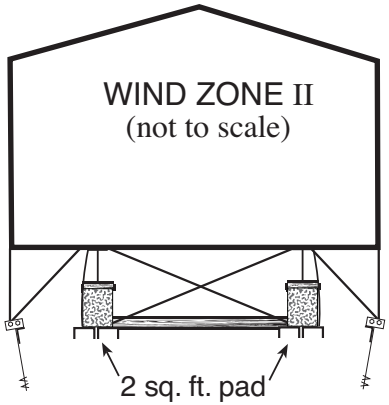
WIND ZONE II (Hurricane)
Vector Dynamics Systems Required for Single Section Homes (Materials Required)



***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 additon 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 membe
- or 1 TDE adjustable steel Strut

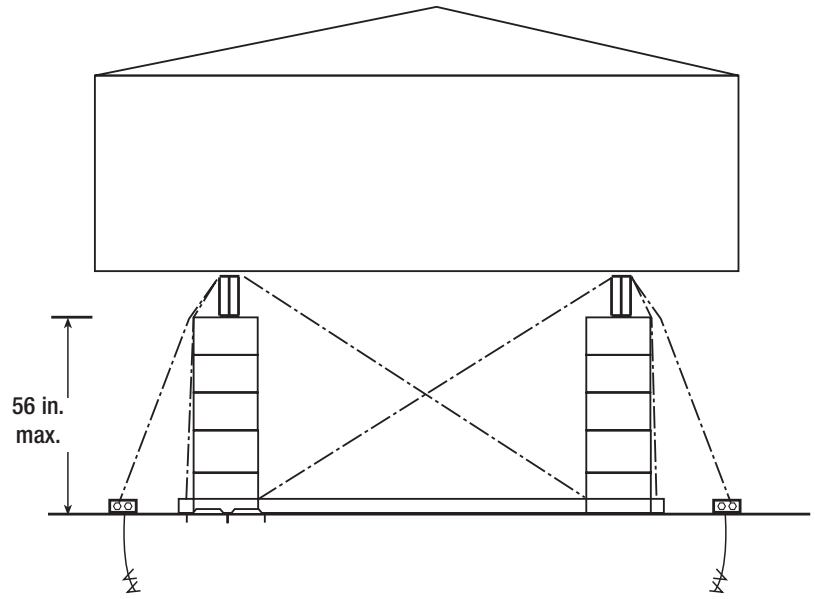


Figure 1

Maximum Pier Height (Wind Zones I & II only)

The Vector Dynamics Foundation System may be used on homes which require pier heights not to exceed 56 inches under one or both main rail(s). Note that a ground anchor must be used at each side of a Vector system location in Wind Zone II, and where the pier heights exceed 24 inches in Wind Zone I. Piers must be constructed in accordance with the manufacturer's installation instructions and/or state requirements. The use of interlocked double stacks of concrete blocks may be required by the home manufacturer or state. Check with the most recent regulations in your state.

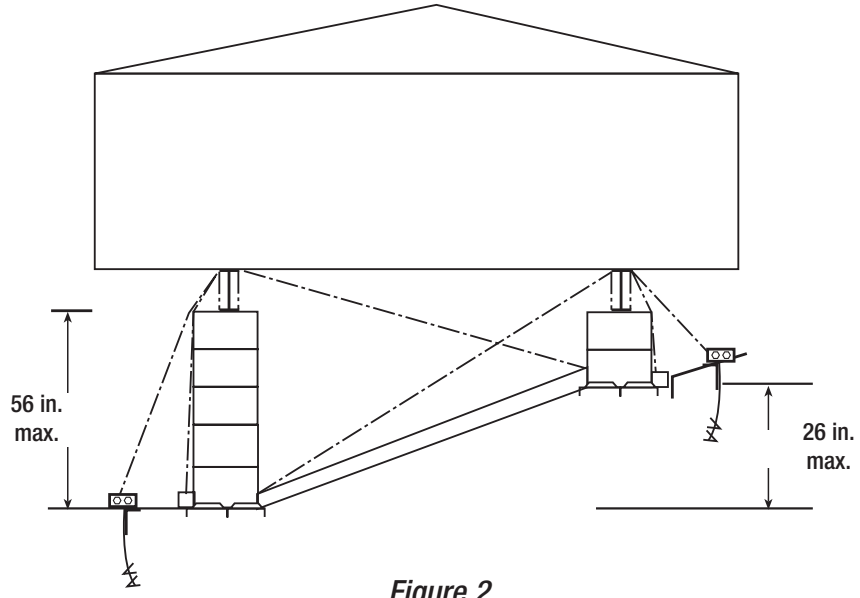
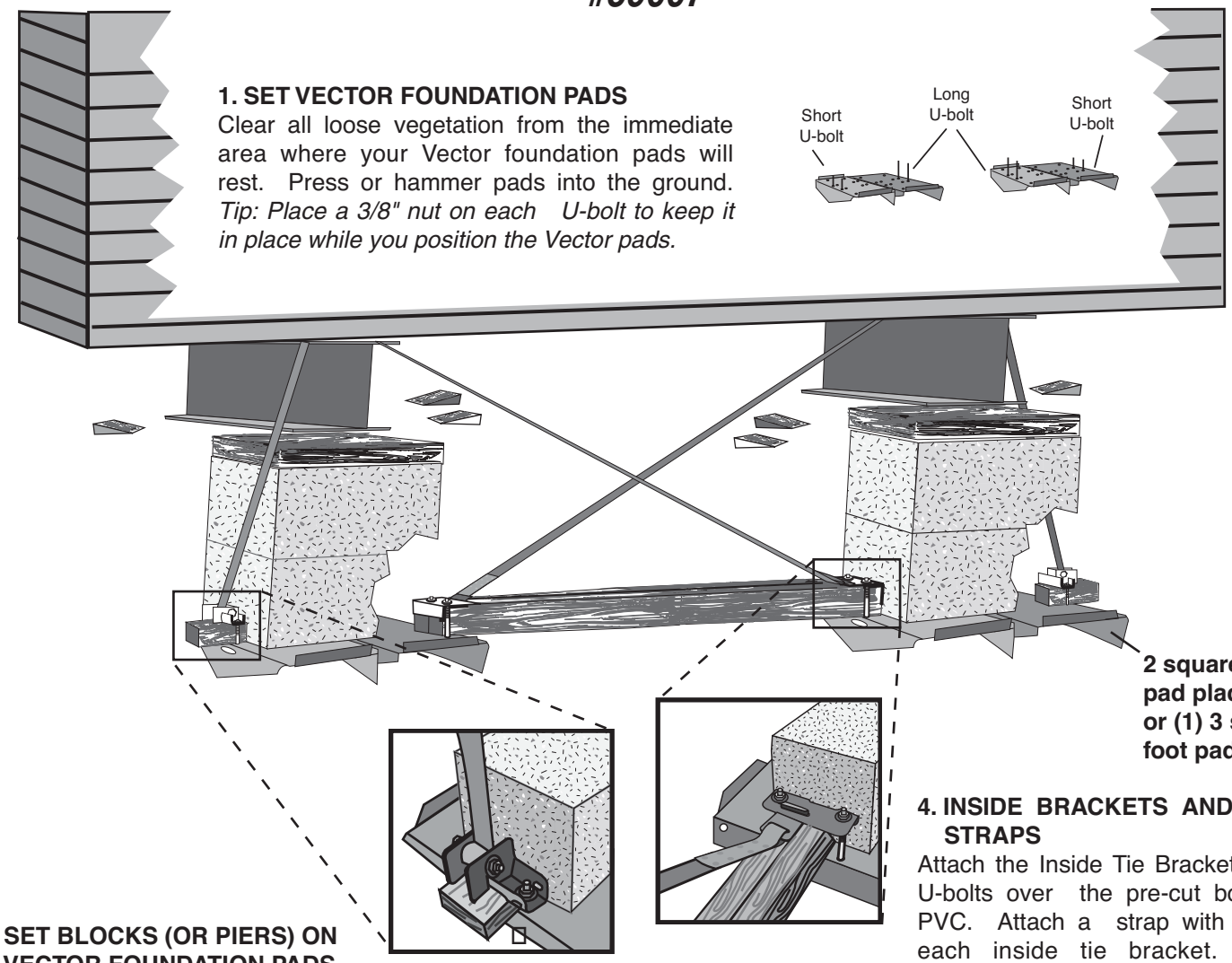


Figure 2

Unequal Pier Heights (Wind Zones I & II only)

Vector Dynamics may be used on homes with unequal pier heights of 56" or less under one or both main rails. The difference between the taller pier and the shorter pier cannot exceed 26". Note that a ground anchor must be used at each side of a Vector system installation in Wind Zone II, or in Wind Zone I where either of the pier heights in that location exceeds 24 inches. Only concrete blocks and pressure treated lumber compression members are permitted on unequal pier heights using the Vector system. Piers must be constructed in accordance with the manufacturer's installation instructions and/or state requirements. The use of interlocked double stacks of concrete blocks may be required by the home manufacturer or state. Check with the most recent regulations in your state.

Set-Up Instructions for the Vector Dynamics Foundation System #59007



1. SET VECTOR FOUNDATION PADS

Clear all loose vegetation from the immediate area where your Vector foundation pads will rest. Press or hammer pads into the ground. *Tip: Place a 3/8" nut on each U-bolt to keep it in place while you position the Vector pads.*

2 square foot pad placement or (1) 3 square foot pad

2. SET BLOCKS (OR PIERS) ON VECTOR FOUNDATION PADS

Center the foundation blocks over the Vector pads. Place the pre-cut 4x4, 2x4's (side by side), Schedule 40 PVC (w/PVC adapter plate, part #59281) or 1 adjustable TDE steel compression member, (part #59043) tightly between the blocks, with ends resting on the Vector pads, and centered on each U-bolt.

3. OUTSIDE TENSION BRACKETS

Attach an Outside Tension Bracket to the U-bolts on the outside of the foundation blocks and Vector pads. Place one of the short 6"- 2x4's between the bracket and Vector pad. Adjust the short 2x4 so that it pushes against the foundation blocks, removing any space between the piers and center compression section. Tighten the 3/8" bolts.

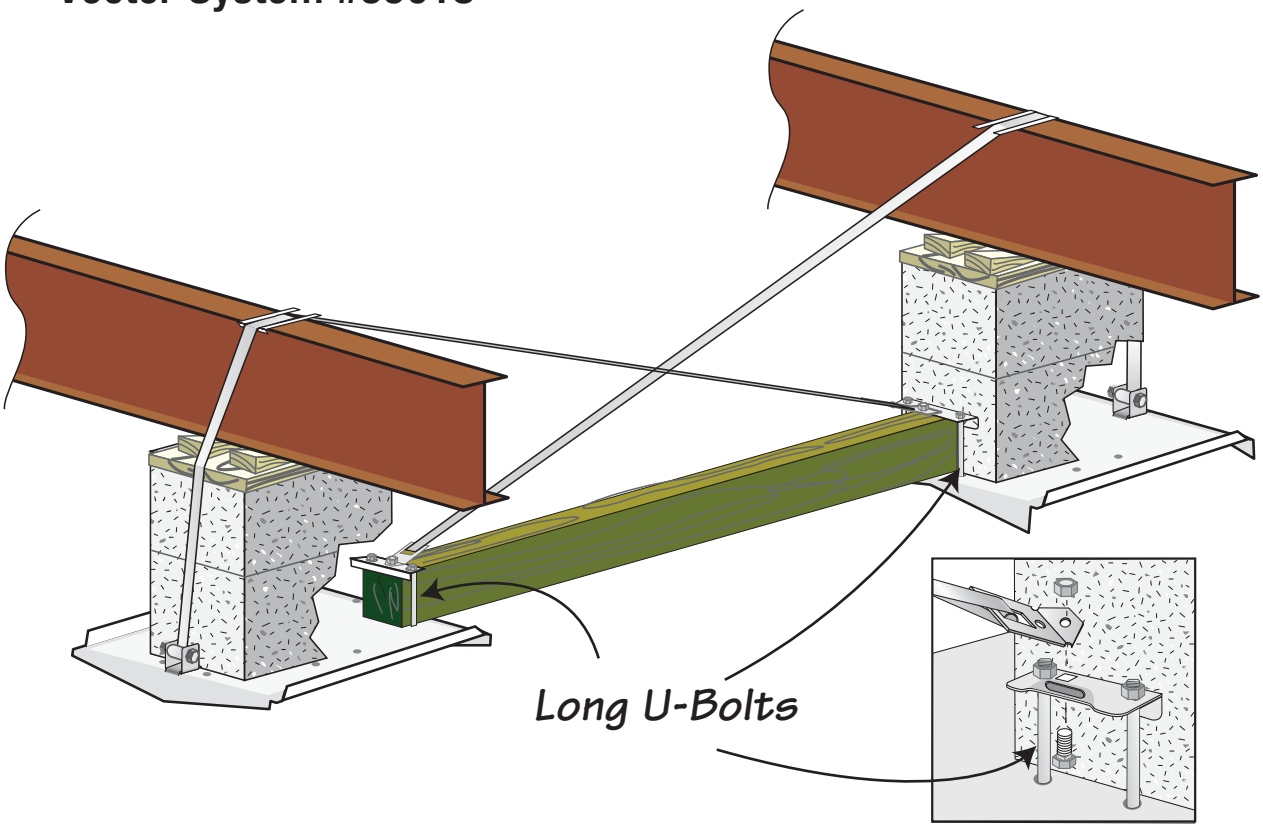
4. INSIDE BRACKETS AND STRAPS

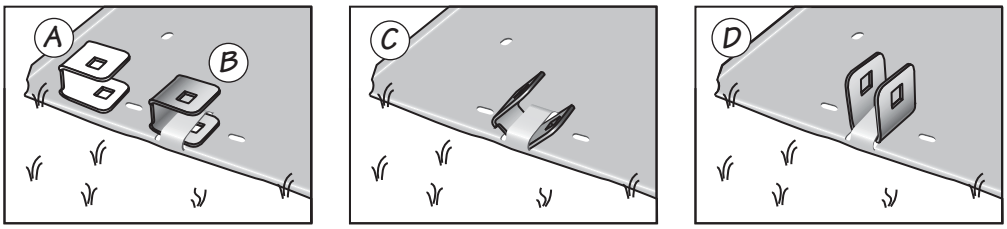
Attach the Inside Tie Brackets to the U-bolts over the pre-cut boards or PVC. Attach a strap with hook to each inside tie bracket. Tighten bracket. When using looped strap and a crimp seal, in place of the hook, place a 3" long section of strap, folded in half and inserted between the strap and inside tie bracket. Place other end of strap over the opposite I-beam and continue down to outside of the foundation blocks. Attach the strap to the Outside Tension brackets using the slotted bolt and nut provided. Wind strap a minimum of five times around the bolt. Continue tightening the slotted bolt until all slack has been removed and the strap is tight.

5. SET ANCHORS

Refer to section home drawings for anchor installation information. Stabilizer plates are required for diagonal ties only. Preload anchor against stabilizer plate. Make certain all slack is removed and strap is tight. For single section homes in rocky soil conditions in Wind Zone 1 only (Soil Classifications 2 & 3 only), use minimum of 3 each V-Drive anchors per side. See drawing on page 5 for placement.

Set-Up Instructions for Vector System #59018





1. Set Vector Pads
Clear all vegetation where pads will rest. Place a long U-bolt in pad as shown. Press or hammer pad into the ground.

2. Set Block or piers on pads.
Center foundation blocks or piers on pads. Place pre-cut center compression member between blocks, resting on pads, centers between U-bolts as shown.

3. Outside Tension Bracket
Attach outside tension bracket as shown to outside of pads.

4. Inside brackets & straps
Attach the inside tie brackets to the U-bolts over the compression member. Attach a strap w/hook or swivel strap w/nut/washer & bolt (washers are required). Place other end of the strap over opposite I-beam & down to outside tension bracket. Cut strap 12 - 15 inches past bracket. Attach strap & slotted bolt in bracket. Tighten strap until tight with 4-5 wraps around bolt. Repeat with opposite strap.