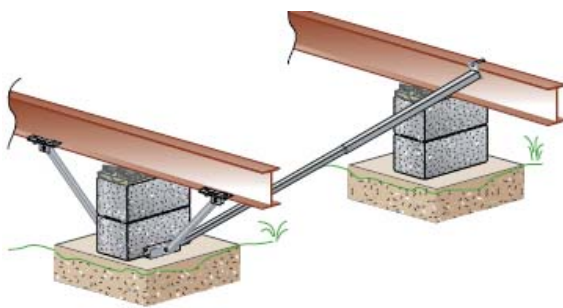


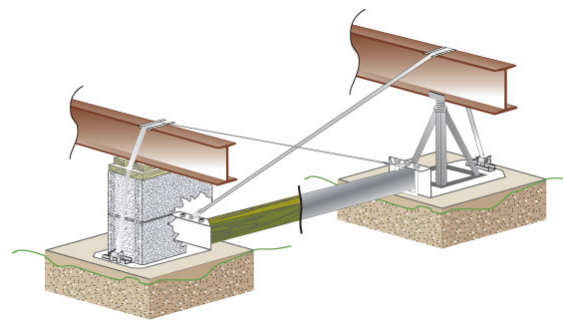
## HUD Manufactured Home Foundation Requirements

The following improvements beyond the minimum manufactured home installation regulations are necessary to meet the more stringent requirements of HUD Handbooks 4930.3 and 007487, entitled “Permanent Foundations Guide for Manufactured Housing”, in order to to qualify for FHA or VA loan financing.

- Foundation piers must bear upon reinforced poured concrete footings that are constructed below the frost line.
- Foundation piers must be constructed of “solid materials”, such as reinforced concrete, masonry, steel, or treated wood. Block piers must be laid in portland cement mortar or if dry stacked have an adequate coating of fiber-reinforced surface bonding cement.
- Enclose the foundation with a permanent self supported perimeter wall (skirting) to keep out vermin and water.
- Anchor the dwelling to the foundation by means of welds, bolts and various light gage metal plates. The HUD requirements specifically prohibits dependence on screw-in tie-down anchors commonly used in manufactured home anchorage systems. There are several anchorage systems that can be installed to satisfy this requirement. Two examples are illustrated below:



*Xi2 Concrete System  
with Longitudinal Stabilization*



*Vector Dynamics System*

- Remove the tongue, axles, and wheels from the chassis.
- Provide an adequate number of screened vents around the entire perimeter of the foundation to provide air circulation in the crawl space (1 sq. ft. of net free area per 150 sq. ft crawl space floor area).
- Slope the exterior grade away from the dwelling to ensure adequate drainage.
- Cover the dirt floor of the crawl space a Class I vapor barrier.
- Permanently install all utilities.

This information is provided as a courtesy to help illustrate some of the HUD Permanent Foundation requirements. This is not intended to be a comprehensive list of requirements or a complete manual of accepted good practice. Other building code and engineering considerations may apply to various situations. Meeting the requirements noted above does not assure that all installations can be certified. However, please note that installations lacking the details noted above are not certifiable and will require modifications as applicable.