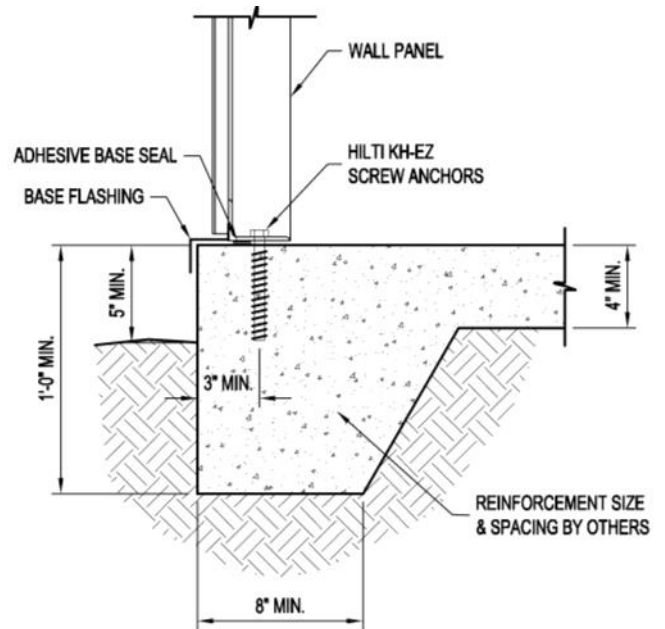


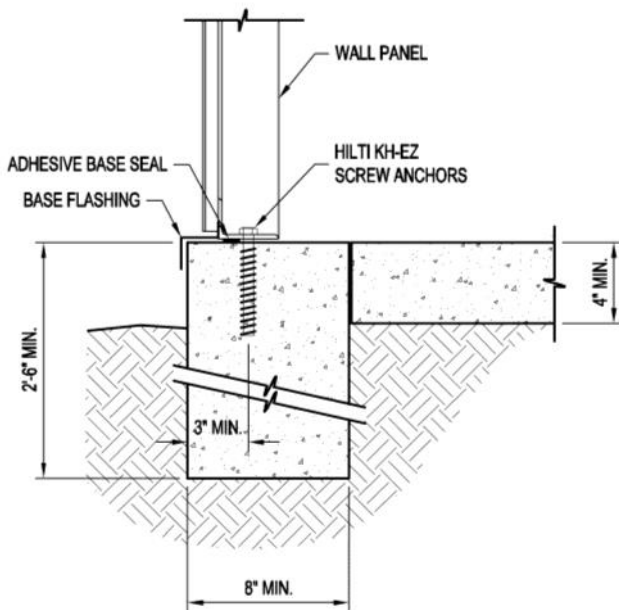
Kelly Klosure buildings have a very uniform load around the perimeter that the foundation needs to resist. This allows for a simpler continuous footing instead of large periodic column piers needed for conventional buildings. There are three standard conditions for Kelly buildings being installed on concrete:

- New Thickened Edge Slab
- New Trench Wall / Grade Beam
- Existing Concrete Slab or Foundation



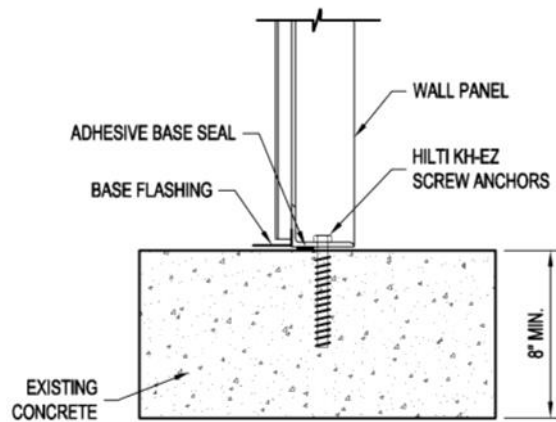
Typical Thickened Edge Slab Foundation Section

This **Thickened Edge Slab Foundation Option** is commonly used in warm weather regions when the intended use of the System 2 structure requires a slab anyway.



Typical Trench Wall Foundation Section

This **Trench Wall Foundation Option** is typically used with or without an adjacent interior slab in cold weather areas where frost heave is a concern.



Typical Existing Slab Foundation Section

This **Existing Slab Foundation Option** has been successfully used to support System 2 buildings on existing roadways and runway slabs in warm weather regions.

Kelly Klosure supplies Hilti Kwik HUS-EZ concrete screw anchor as the standard method of anchoring to a concrete foundation. These anchors are a high performance post installed anchor and have the following advantages:

- Anchor bolt pre-setting not required, anchors are installed as the building is erected.
- Hiti KH-EZ screw anchors are tested and approved in cracked and un-cracked concrete, a requirement of the IBC 2012. (Tested per AC193)
- Hilti anchors install with standard size drill bits (3/8", 1/2" or 5/8" depending on anchor diameter).
- Anchors install in a fraction of the time of wedge style expansion anchors.
- Anchors are removable and reusable. The same anchor can be reinstalled in the same hole without reduction in load capacity (provided that the original threads cut into the concrete are reused).
- Less spacing and edge distance requirements compared to expansion anchors allowing for smaller foundation requirements.
- Anchors are manufactured from carbon steel, are heat treated and zinc plated per ASTM B633.



Drill Anchor Holes Through Panel Frames



Install Anchor with Impact Wrench