

LEAN SAFETY BEST KNOWN METHODS

Abstract

The Safe Build Alliance is working to gather Best Known Methods in Lean that benefit the construction project. The benefit could enhance safety, efficiency, or quality. Please consider those activities that are conducted by multiple trades, ergonomic innovations, housekeeping best practices or anything that eliminates waste. We are looking for lean tools and actual activities that can be shared throughout the Safe Build Alliance Construction Community.

Remember, **Waste** is:

Defects – anything that created re-work

Overproduction – building more than is ready to be installed resulting in storage and/or housekeeping issues

Waiting – wasted time waiting for the next trade, waiting for late deliveries, etc.

Non-Utilized Talent – Underutilizing peoples' skills; light duty work due to an injury

Transportation – moving anything more than once before it becomes work in place

Inventory – extra storage of anything, storing concrete formwork or similar materials after completion

Motion – unnecessary movement of people, taking too many steps to distribute something that can be distributed via use of material handling equipment, etc.

Extra-processing – Higher quality than required

Please submit your Lean BKM's to

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BKM: Pre-fabricated strut embeds

How does it work?

The strut embeds are ordered from the vendor in pre-cut lengths and in quantities needed for impending installation. When received, the parts are loaded into a cart so the material can follow the work and be easily moved if needed.

How does this benefit the project?

This eliminates the need for a lay down area and cutting station on site. The cutting is done in a controlled environment rather than on site where weather, logistics, and congestion can impact the task. Small parts in a basket on wheels are less likely to cause injury than handling 20' lengths of strut.

Why is this a Lean Method?

- * No wasted motion of traveling to a laydown area for materials
- * Inventory of long stock is eliminated
- * Housekeeping issues associated with cutting station and laydown area non-existent

Please attach or include photos of the before & after

