

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
dtoy@andersen-const.com



Knight Cancer Research Building

Lean Construction / Lean Safety Best Known Methods

Lean Champions:

JH Kelly / Corporate BKM

BKM: Modular Hole Cover Deliveries

How does it work?

The proper size and number of floor hole covers are identified from the drawings and communicated to the shop prior to shipping. The shop configures each pallet and designates it for the proper floor, shrink wraps the pallet, and delivers it based on project need.

How does this benefit the project?

The floor hole covers are clearly marked and easily deployed for the floor where needed. Storage space, inventory time, and manpower is reduced.

Why is this a Lean Method?JHK

5S principles are used to ensure only the items needed for the floor are on-site, which minimizes handling, inventory, transportation, and storage of the needed items. No wasted motion is required to make the floor hole covers ready. Just-in-Time delivery ensures the covers are available and ready for use.

Please attach or include photos of the before & after

