

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

aclements@andersen-const.com

dtoy@andersen-const.com

BKM: Pipe Rough-In Pre-Pour

How does it work?

Cherry City's improved method of stabilizing conduit with concrete so Unistrut can be removed prior to waterproofing. Benefits waterproofing production.

How does this benefit the project?

Eliminates the temporary Unistrut stiffeners and keeps the pipe in the proper layout, which effectively reduces the chance of having a defect later in the process. The reduction in the amount of stiffeners plus the rigidity of the concrete reduces the safety impact due to slips and trips in these areas.

Why is this a Lean Method?

Provides greater value to contractors coming in next to waterproof the piping prior to the concrete pour. Waterproofing can be installed quickly and without as many splices ensuring a better installation.

Please attach or include photos of the before & after

