

# 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](mailto:aclements@andersen-const.com)

[dtoy@andersen-const.com](mailto:dtoy@andersen-const.com)

## BKM: CCE Prefab Boxes and Racks

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### How does it work?

The pre fab boxes and racks come straight to the job read to install, we have a rack with a J-box with the connectors installed at the proper spacing so we can simply install to right over the conduits stubbed up.

The deck boxes come with the connectors installed in the correct orientation and sizes for the install, they are also taped with different colors to identify the system and box type

These eliminate wasted time looking for materials, assembly time and material handling

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### How does this benefit the project?

Using the pre fab assemblies reduces material handing on the job and lets the worker in pre fab ergonomically correct position and in a controlled environment reducing injuries

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### Why is this a Lean Method?

The use of pre fab enables the employee to work in a controlled environment with the proper benches, lighting, tools and material already set up saving time waste and creating a clean a safe environment for the employee

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Please attach or include photos of the before & after







