

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

## BKM: Flying Mongoose

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### How does it work?

The flying Mongoose is loaded up in the Vancouver Shop with prefabricated spools and loads of material. Which is safely removed from the Mongoose at the site, which in turn saves on material handling.

### How does this benefit the project?

With this material being fabricated and loaded off site in Vancouver we save on man-power needed at the site.

### Why is this a Lean Method?

With this happening off site, we save on the following items needed at the site.

- 1) Man-power.
- 2) Additional Cars on the road.
- 3) Less material stored on the site(these racks have wheels on them, easy to move around)
- 4) Safety, this work is done in a controlled environment.

Please attach or include photos of the before & after



