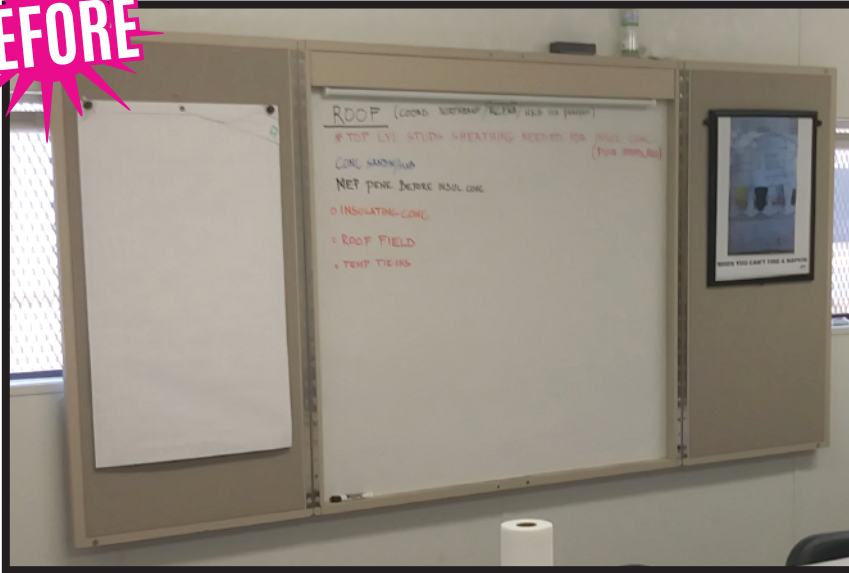


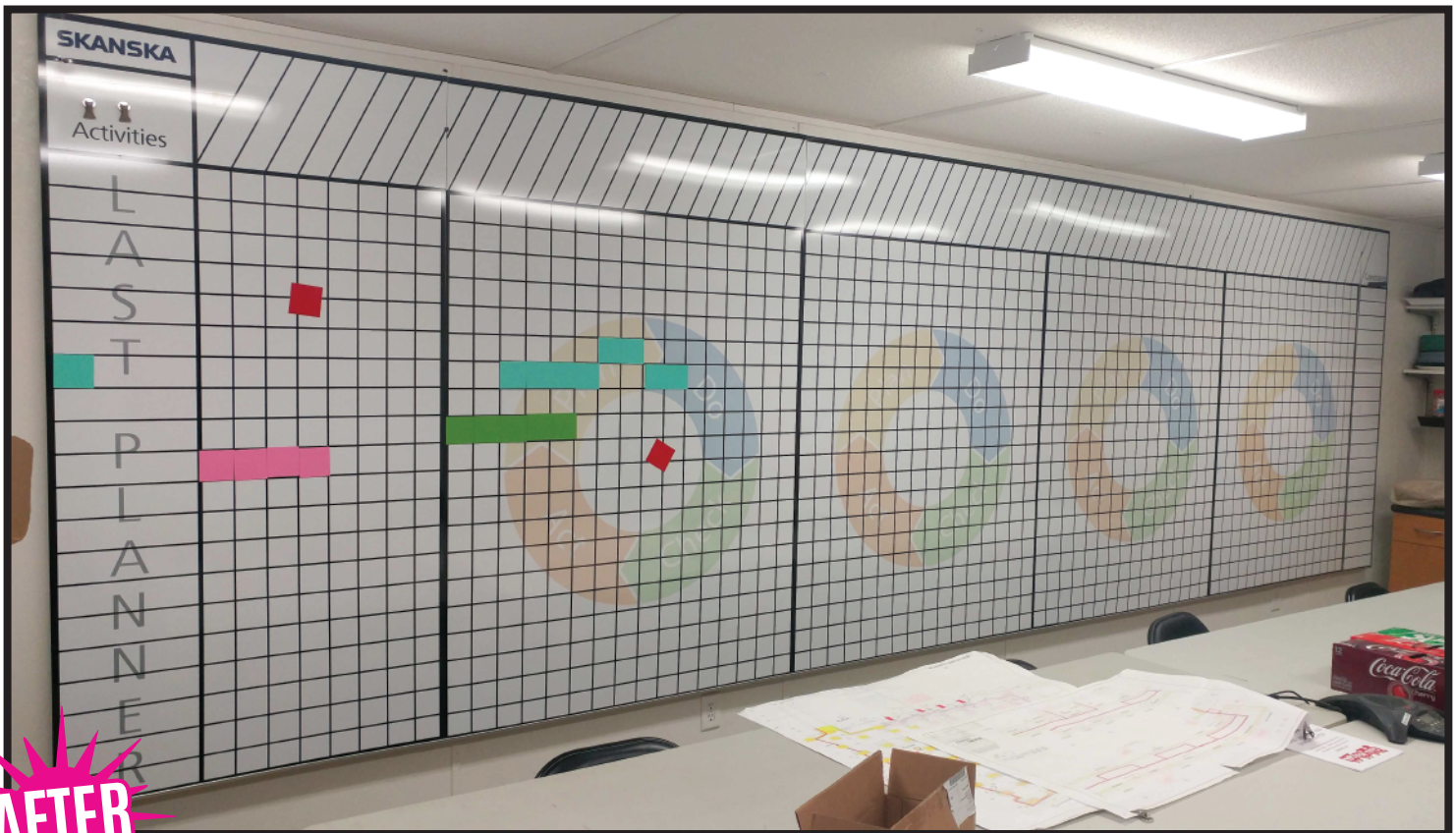
**BEFORE**



Skanska Construction contacted us for a magnetic printed dry erase board for their pull planning meetings. Pull Planning is a technique that is used as part of the Last Planner<sup>®</sup> System to develop a coordinated plan for one phase of a project.

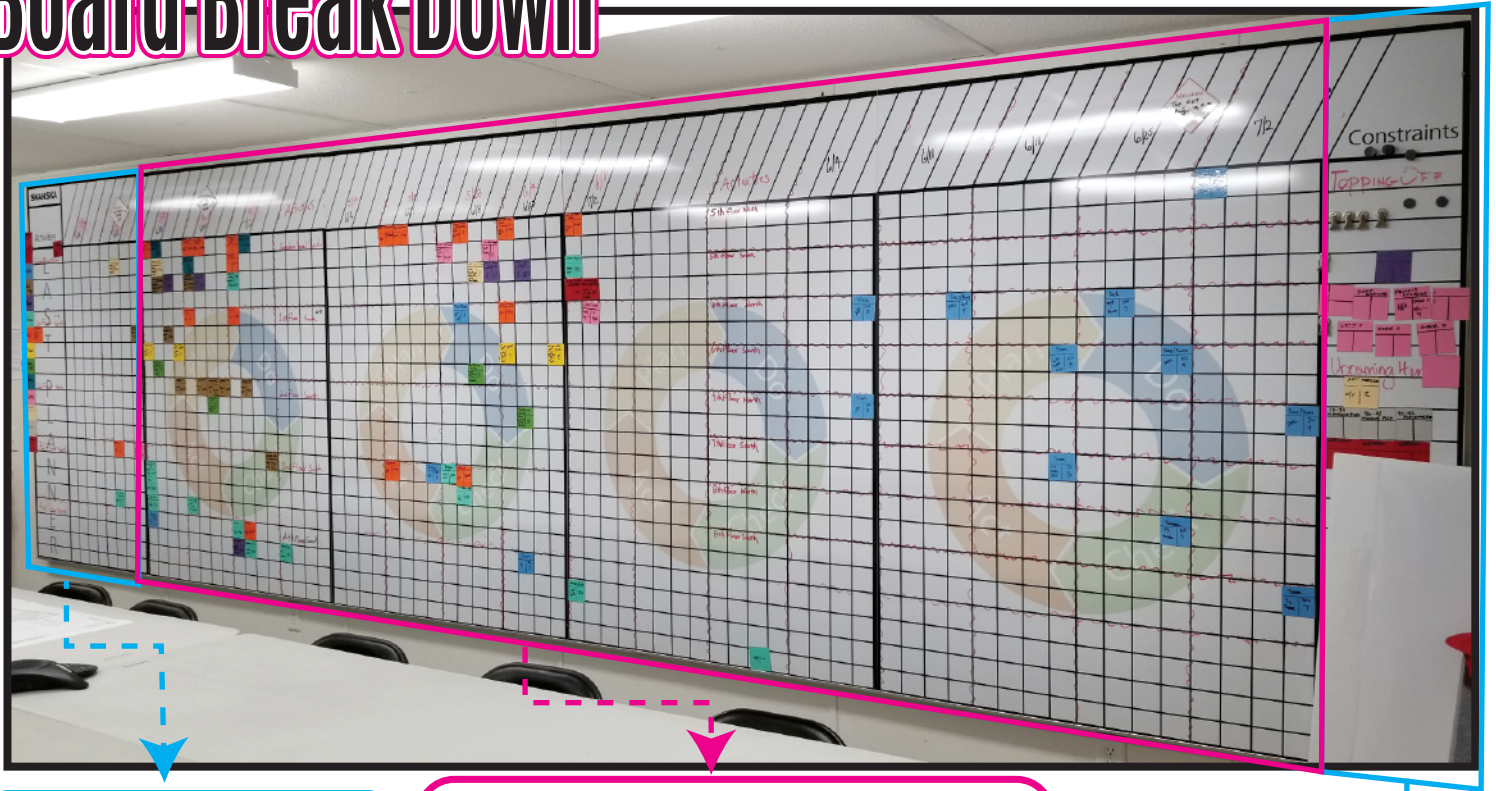
The purpose of pull planning is to design a project-based production system in conformance with lean principles. Like all aspects of Last Planner, it is a collaborative approach that includes those who are directly responsible for supervising the work on the project

**AFTER**



The Pull planning board we developed is 72" tall by 20' long. The board consists of (6) printed dry erase boards. The overall size of the board is based on the size of the wall that was available.

# Board-Break-Down



The first board on the left is 36" wide and is permanently fixed to the wall. This board has "Last Planner" in a watermark and their logo. The purpose of this board was to list the current construction tasks.

The 4 middle boards are 48" wide and are removable. These boards have Plan – Do – Check - Act logo as a watermark. The plan-do-check-act cycle is a four-step model for carrying out change. Just as a circle has no end, the PDCA cycle should be repeated again and again for continuous improvement. The purpose of the board not being fixed to the wall is it allows the board to be rearranged as the schedule progresses.

The last board to the far right is 12" wide and is permanently fixed to the wall. The purpose of this board is to list construction constraints that would disrupt the construction sequence.

## Magnet Accessories

Skanska also purchased numerous different magnets.

- Skanska purchased (832) dry erase colored memo magnets in (13) different colors cut to the same size as a Post-It® note. The magnets are designed to be used in the squares of the board. There is a different color for each subcontractor.
- Skanska also purchased 3" x 9" white dry erase magnets that they could include a new task on the middle of the row.
- The last magnet that Skanska purchased was a 24" x 36" plain white dry erase magnet. The purpose for the large temporary dry erase magnet was to have an area that they place over the Pull Planning Meeting board without losing the information on the pull planning board. This magnet can be removed and stored until it is needed again.



*Memo Magnets. Contact us for pricing*

*If you are tired of using Post-It notes on paper sheets or a dry erase board with hand drawn lines, that are not permanent, contact us to discuss what options are available!*