Creating Effective Trade Communication Through a LEAN STAND-UP BOARD

PREPARED FOR:

LEAN Congress 2016 Sponsor

Lean Construction Institute
Transforming Design and Construction
KHS&S is an international design-assist specialty building company that creates spectacular interiors, exteriors, prefabricated building components, themed environments, rockwork, water features and specialty finishes for some of the most recognized projects in the world.
A HISTORY OF INNOVATION
When a new project breaks ground, there is a new crew of tradesmen coming on board. What is the best tool to utilize to keep them engaged in the project throughout all phases?
PROBLEMS

HOW CAN WE COMMUNICATE to our CRAFT tradesmen?
SOLUTION: THE LEAN STAND-UP BOARD
“The LEAN Stand-Up Board provided a place for all of the tradesmen to come together and discuss safety, production and the logistics of the job in a safe space.”

Jeff Cleary  
Project Superintendent

For more information about Jeff's thoughts please contact him via:  
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LEAN STAND-UP BOARD PROGRESSION

WEEKLY WORK PLAN + WWP MAP + PROGRESS MAP
LEAN CULTURE LITERATURE + CONSTRAINT LOG
EXPANDED MATERIAL MAP + SAFETY LITERATURE
PROJECT ASSESSMENT + PPC + EQUIPMENT REQUEST
LOG + VARIANCE LOG
LEAN LITERATURE
1 SAFETY

REPORT YESTERDAY'S WORK
A. Did you get done what was planned? (PPC) Done-Done (YES or NO)
   • If not, what happen? (Variance)
   • How do we adjust?
B. What improvements did you make?

PLAN TODAY'S WORK
A. What do you plan to get done today?
B. Can you complete today's planned work 100%
   • Any constraints, obstacles in your way?

LEAN THINKING
Coaching on Lean Fundamentals
• 5 S'
• 8 types of waste
CONSTRAINT LOG + WWP
WEEKLY WORK PLAN MAP
WWP process, each foreman completes a detailed work flow for each crew member and incorporates it into the Weekly Work Plan Map. This map will show all tradesmen where a member of our team is throughout the week.
The Progress Map clearly communicates on the status of key milestones.
QUANTITIES OF STOCKED MATERIAL

STOCKED MATERIAL

STUD
10" (40')
10" JMB

TRK
10" XX
6" XX

STOCKED
10" (40')
10" JMB

STOCKED
XX
XX
XX
XX
The front & back sides of the LEAN Board have acrylic over a white polycarbonate to allow for dry-erase markers.

***Section 2 does not have acrylic to allow push pins for documents that are replaced weekly.

Wings (2&4) will slide in and out, while the other wings (1&5) are hinged.

Metal Tray designed to hold pens, dry-erase markers & etc.

Caster with weight capacity at 200 lbs.

The structure is constructed of tube steel.
CONTINUOUS IMPROVEMENT

2 SECOND IMPROVEMENT EVERY DAY FROM EVERYONE

- Look for the waste in what you are doing
- Fix what bugs you
- Waste is eliminated through continuous improvement

"Learning how to improve is as important as the improvement itself."

TRY IT AGAIN

PLAN

WHAT OUTCOME OR RESULTS DO I EXPECT FROM MY ACTIONS?

ACT

IF NOT, WHY?

CHECK/STUDY

DO

DID I GET THE RESULTS OR OUTCOME I EXPECTED?

TO DO EVERYTHING BETTER.
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*Fabrication drawings available at WWW.KHSS.COM*