

## ***Transform Your Manufacturing Processes with a Systematic Plant Layout***

MassMEP utilizes the data driven process of Systematic Layout Planning (SLP) developed by Dr. Richard Muther. This is a team-based systematic process that uses actual data to determine the most effective and efficient layout possible. SLP is recognized throughout the world as the most organized and effective way to develop layout plans. The process is essential for those companies who must:

- Add major equipment or capacity
- Rearrange for better material flow and throughput
- Expand or consolidate facilities
- Implement work cells and lean manufacturing
- Implement new warehousing methods, processes, and systems
- Re-arrange teams or more effective office communications

*Lean Manufacturing is all about adding value and avoiding waste – facility planning provides the physical capability to add value!*

***Layout is an integral part of the Lean Manufacturing Strategy.***

Facilities are expensive. Their lifetime is in decades. They take years to commission. By their nature, they are one of the most important strategic elements of a business enterprise. This is why facility design and the strategic thinking that should precede it are so important.

### Benefits of a Typical Plant Layout

- Department footprint reduced by 62%
- Increased unit production by 57%
- Output per shift increased by 82%
- While maintaining quality, reducing costs and maintain the integrity of the product.

For more information, please contact:

MassMEP  
100 Grove Street  
Worcester, MA 01605  
508-831-7020