

## Lonza, Hopkinton, MA Mobile Rack Increases Storage Capacity

Lonza is one of the world's leading suppliers to the pharmaceutical, health-care and life science industries. The company is a leading supplier of contract biopharmaceutical development and manufacturing services. The site provides process development, analytical and cGMP manufacturing services for the production of active pharmaceutical ingredients for clinical trials and commercial products.

Raw materials used in the manufacture of Lonza's products are stored in the PD area. As time went on, the area became filled to capacity. Lonza needed a solution that would allow it to stay in the same space while increasing storage capacity for existing and future needs.

Abel Womack reviewed the company's requirements and considered the installation of vertical carousels. That solution was unacceptable because the ceiling height prohibited the vertical space needed for carousels.

To meet the challenge and provide a solution to successfully store and access the materials, Abel Womack proposed a manually powered six carriage mobile carrier system. This solution allowed Lonza to go from 1,863 SF of storage space required down to 1,053 SF of space without losing any access to SKUs. The roughly 800 SF of recovered space was used to expand Lonza's manufacturing area.

An additional benefit of the mobile storage solution was the utilization of existing shelving to keep costs down.

### **Project Key Features**

#### **Challenge**

- Company required increased storage capacity within a smaller footprint.

#### **Abel Womack Solution**

- Mobile carriage solution allowed access to all files while still meeting project goals of space reduction.

#### **Benefits**

- Reclaimed space was used to expand Lonza's manufacturing capacity.
- Utilization of existing shelving kept costs down.

**PD Area Size:** 1,053 SF

**Completion Date:** 2009

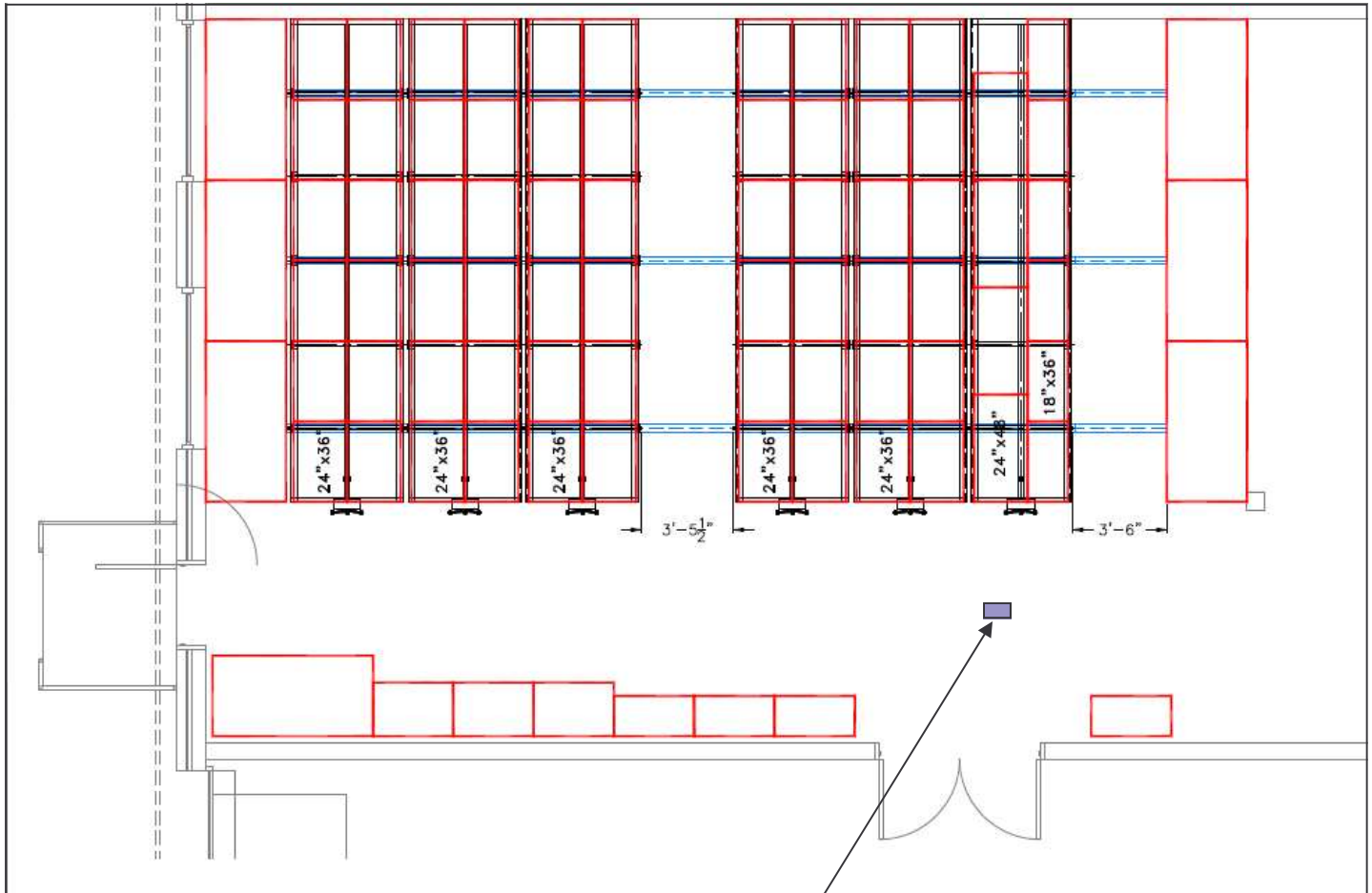
**Industry:** Pharmaceuticals



**PD Storage Area During Construction.**

**New storage configuration for the PD Storage area utilizing Compact Storage mobile shelving.**

**This solution allowed Lonza to reclaim 800 SF to be used for manufacturing while still having full access to all product SKUs.**



**Standing here: View of new mobile shelving.**