



Description

The JBT Corporation Automated Guided Vehicle System provided a solution to vehicle control issues, which required high precision deliveries and reduced labor cost.

The production facility is comprised of three floors. On the main floor, the material is manually removed from the pallets, mixed and delivered to empty bins in the lower floor of the production facility. The filled bins are then taken from the filling stations, to a blender by the automatic fork guided vehicle located on the lower floor.

On completion of blending operation, the vehicle delivers the blended bins to a material lift for transport to the second floor. The automatic fork vehicle located on the second floor carries the blended bins to various stations for final processing. The vehicle can transport the bin to stations where the bins are dispensed for production on the main floor. The vehicle also carries the empty bins to the washer, from the washer to Prep. Area and eventually from the Prep. Area to material lift for the return to the lower floor.

The NAV-30 vehicle located on the main floor carry the material in totes. The totes are generated from the production processing rooms. Full totes are transported from the process rooms to an outbound conveyor or to a staging rack. The vehicle will also pick up clean totes from a conveyor station and deliver the totes back to the processing rooms.

Features

Number / Type of Vehicles: 2 Fork Outriggers & 1 NAV30

Application Description: Production Facility

Industry Description: Pharmaceutical

Guidance Method: Wire

Load Description: Gally Bins, Pallets & Totes

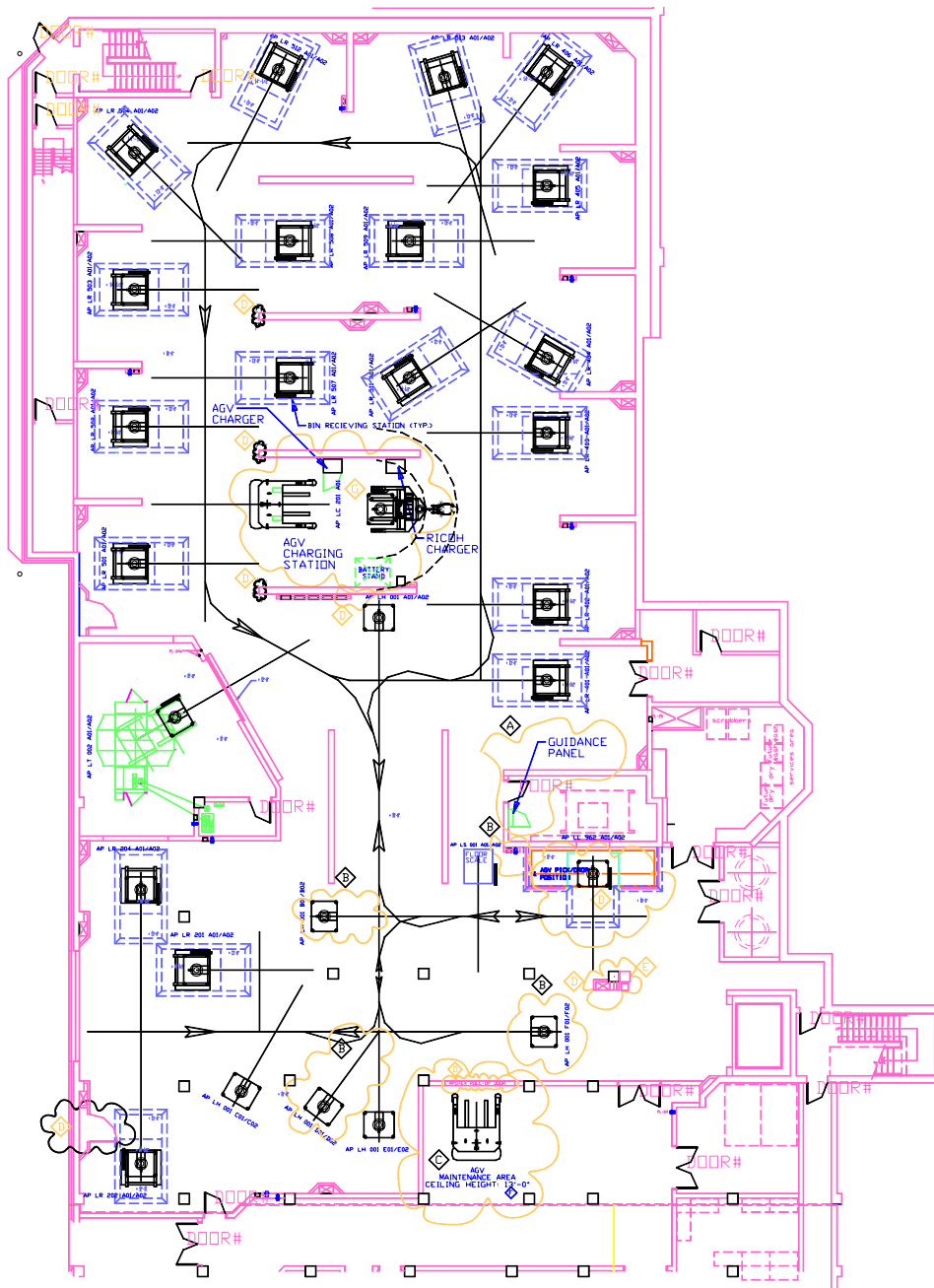
Path Length: 2500 Feet

Benefits

- Reduced labor costs
- Improved operational efficiency
- Safe, reliable, timely delivery of materials



Plant Layout



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