



Lean Manufacturing

Client

Boeing Commercial Airplane
Spare Parts Distribution
Center & Warehouse

Location

Seatac, Washington

Boeing Distribution Center Design & Planning

CH2M HILL provided detailed design for the new 700,000 sf Spare Parts Distribution Center and Warehouse. In addition to the typical architectural and engineering services, CH2M HILL also provided industrial planning and controls systems design for the facility.

To expedite design and assure complete user integration, Boeing utilized CH2M HILL discipline specialists during the Design Criteria Development. Each discipline specialist worked closely with a Boeing counterpart to assure that user requirements and design parameters were compatible.

The discipline specialists then shifted their focus to the CH2M HILL design team to assure that client expectations were fulfilled while project budget restraints were maintained.

The project presented many challenging aspects including siting to blend into an established neighborhood and a planned park on adjacent property. CH2M HILL utilized a team of specialists to assure that all permitting issues were addressed and applications were filed in a timely manner. To reduce the visual impact of the 70 foot tall dense storage area, the finished floor elevation of the entire facility is 28 feet below the adjacent street level.