

PARTICLEBOARD MILL

CLIENT: Bohemia, Inc.
LOCATION: Eugene, Oregon

The scope of this project was to redesign the raw material end of an existing 75 million-square foot (3/4") plant to reduce particulate emissions and to improve board quality. The pneumatic furnish handling conveyors were replaced with belt conveyors. New screens, mixers, and related systems replaced older equipment.

Engineering scope included layouts, capital estimate, equipment specifications, mechanical, structural, and electrical design and detail drawings. Field engineering and start-up assistance was also provided.

Benefits realized included:

- Significantly improved air emissions
- Substantial horsepower reduction
- Improved furnish quality
- Improved resin application
- Reduced resin consumption
- A more modern and cost-effective mill

