LOG CUT-UP SYSTEM & BLOCK HEATING VATS

PROJECT PROFILE

CLIENT: **Boise Cascade Corporation**
LOCATION: **Oakdale, Louisiana**

The goal of this project was to modify the existing log cut-up and block preparation system to increase the through put, reduce the manpower, and improve the quality of the blocks going to the plywood plant. These goals were accomplished by rearranging and rebuilding the log handling and block cutting areas to improve the efficiency and increase the uptime. The block steaming chests were replaced with hot water block heating vats, which improved the veneer quality coming from the lathes. Evergreen provided the layouts, mechanical, structural, electrical, piping designs, and detail drawings for this project.

Major features:

- Multi-saw cutting system is capable of processing five stems per minute
- Processes stems that are 8 to 50 feet long and 6 to 30 inches in diameter
- Sorts and accumulates the blocks by diameter to optimize the vats
- Automatic vat loading and unloading systems
- Six concrete hot water vats with hydraulic drive chains and jack ladders
- Closed circulation system with two 2000 GPM circulation pumps
- Vats are heated by four concentric heat exchangers using 50 PSI steam
- The vats consistently handle 16 8-foot blocks per minute