

# SAWMILL MODERNIZATION

**CLIENT:** Weyerhaeuser Company  
**LOCATION:** Raymond, Washington

The scope of this project was to modify the 200,000 BF dimension sawmill to allow manufacturing of 8" and 10" dimension lumber in addition to the existing 4" and 6" lumber. Evergreen's scope included an evaluation and feasibility study, capital estimate, installation scheduling for minimum production interference, equipment selection, detail engineering including specifications, field engineering and start-up assistance. The end product was a very successful, modern state-of-the-art computer controlled sawmill.

The following mill areas were modified:

- ▶ Log Merchandiser – Revised to handle the larger diameter logs
- ▶ Log Pockets – Strengthened and replaced the stop-and-loader
- ▶ Head Rig – Redesigned to handle 8" and 10" cants
- ▶ Gang Saw – Replaced with a double arbor gang
- ▶ Trimmer – Replaced the unscrambler, modified infeed table
- ▶ Sorter – Added 10 bays to the hook sorter
- ▶ Stacker – Replaced the stacker and modified the outfeed
- ▶ Residuals System – Added infeed conveyor, horizontal chipper and outfeed conveyor
- ▶ Electrical – Coordinated changes in power and control



## EVERGREEN ENGINEERING

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