

VENEER PLANT

CLIENT: Confidential Client

Evergreen Engineering provided multi-discipline engineering for a new veneer mill.

The scope of this project was as follows:

- Preliminary layouts, capital budget estimate, and project scheduling
- Detail engineering
 - Mechanical
 - Log handling, block handling, and veneer handling design for traditional belt and chain conveyors
 - Civil / Structural
 - Concrete
 - Design and calculations for all major equipment, log storage, supporting foundations, and structural steel
 - Pre-Engineered Metal Buildings (PEMB)
 - Specifications for pre-engineered lathe and veneer storage buildings
 - Electrical
 - Incoming service development
 - Substation details
 - Motor list
 - Motor control layouts
 - Lighting plans
 - PLC diagrams
 - Instrument and control layouts
 - Medium- and low-voltage power design
 - Electric power supply system and sequence of operation design
 - Construction support for Confidential Client project members



EVERGREEN ENGINEERING

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