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