

# CEMENT BOARD PLANT

**CLIENT:** Hardie Building Products  
**LOCATION:** Plant City, Florida

This project was a new medium sized plant to manufacture building products using cement board.

Engineering scope included the design of the power distribution system to feed 6,500 horsepower to the facility. Scope also included electrical equipment specifications, short circuit analysis, coordination, load flow, electrical diagrams and office lighting. Utility voltage was 15 Kv and the motors were 4160 volts and 480 volts.

Major equipment used in this mill:

- ▶ Two 700 HP Refiners
- ▶ 250 HP Pulper
- ▶ 600 HP Ball Mill
- ▶ Two Bison Forming and Lay-up Lines
- ▶ Autoclave
- ▶ Finishing Line
- ▶ Package Boiler
- ▶ 500 Kva Emergency Power Generator



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