

Louisiana Fiber Plant



Jeld-Wen
Louisiana Fiber Plant
Winnfield, Louisiana USA

Start Date: November 2006
Completion: July 2008
TIC: \$120 Million
HGA: 14,274 Man-hours

Project Description

Greenfield door skin manufacturing plant which received chips and produced door skins. Process included large biomass handling equipment, biomass boiler, dryer, press, paint line and five acre building.

HGA Scope

HGA completed civil and electrical engineering and handled all interface with the company and other engineers, contractors, and local governmental bodies. Work included:

- Assistance with obtaining governmental incentives for infrastructure including roads, water wells, electrical power lines, and fire protection system.
- Designed all temporary and permanent electrical power for entire facility, conducted short circuit study.
- Site design including survey work, establishment of grid system, drainage, wet land mitigation, cut and fill requirements, located dirt pit for fill, soil reports and testing.
- Process and warehouse building design, boiler building design.
- Potable water, process water, sewer, bathroom, office, and break room design.
- HVAC design, building ventilation design.
- Design of all paved areas including roads, parking lots, etc.
- Truck dump foundation design, silo foundation design, boiler foundation design, production and warehouse building foundation design, all process equipment foundation and structural design, foundation and structural design for large dryer and pneumatic conveying system, foundation for large press including press pit.
- Supervised testing of all concrete in roads and foundations.
- Prepared bid packages, assisted in evaluation of bids for buildings and other items.
- Assisted in selection of prime contractor. Identified and interviewed contractors for customer. Customer made selection based on those interviews.

PROJECT CONTACT
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