

Clinker Silo Foundations, Guatemala



Overview of site location for clinker silo foundations.

Ben C. Gerwick, Inc. was retained by ABS Consulting to provide a conceptual and detailed design of foundations for clinker silos.

The work associated with the silo foundations included review of existing geotechnical information, establishing design parameters, detailed design of drilled-shafts for the silo foundations, and structural design of a connecting tunnel.

Services Performed:

- **Conceptual Design**
- **Detailed Design**
- **Foundation Design**
- **Non-Linear Soil-Pile Interaction**
- **Slurry Walls**
- **Secant Piling**
- **Large-Diameter Piles**
- **Seismic Design**

Year of Completion: 2006

Construction Cost: \$600,000

Client: ABS Consulting