



Rail to Truck Cement Storage Distribution

CLIENT - Grupo Cementos de Chihuahua (GCC)

LOCATION - Henderson, CO

COMPLETED - 2006

DESCRIPTION

Matrix PDM engineered rail to truck cement storage expansions at GCC 's Irondale cement distribution terminal.

To increase the storage capacity to 50,000t. Engineering services included electrical, mechanical and structural design.

PRINCIPAL FEATURES

- Worked with GCC for project feasibility studies to determine the most effective method for improving facility operations
- New layout to redirect truck route and rail unloading at Irondale
- Dealt with height restrictions and lowered the dome 10 feet and the reclaim tower 25 feet
- Removed 5,100 yd³ of top soil and lean clay at Irondale
- Deep foundations under the reclaim tunnel and around perimeter of dome
- Design of 40 4-foot diameter caissons every 16 feet under storage dome

FOR MORE INFORMATION:

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