



RAW MATERIALS AREA

- X PRIMARY CRUSHER BUILDING**
 - Vibrating Screen and Impact Crusher Type 160/150CR by Thyssen Krupp Foerdertechnik
 - Maximum material size of 76 mm (3 in)
- BC OVERLAND BELT CONVEYORS**
 - CFC/TFC by Superior Industries
 - Capacity up to 500 ST/hr
 - From Quarry to A: 3,200' (950 m) approx.
- A LIMESTONE STORAGE BUILDING**
 - 41,200 ST High Limestone and 7,900 ST Low Limestone
 - Portal Scraper GP2 455 / 37.5 Claudius Peters
- RR RAILROAD SPUR AND SWITCHING YARD**
 - Railroad Spur for Loading of Cement and Unloading of Raw Materials.
 - Track Length: 4.1 miles.

- HT TRUCK AND RAILROAD UNLOADING BUILDING**
 - Vibrating Feeder (400 tons/hr)
 - Water Dedusting System
- Q COAL AND ADDITIVE STORAGE BUILDING**
 - Coal (4,000 ST), Sandstone (1,310 ST), Aluminum source (1,310 ST), and Iron Ore (1,872 ST)
 - Belt Conveyors with max. capacity of 400 ST/hr
- C METALLIC SILOS**
 - Silos for Limestone (602 ST), Sandstone (502 ST), Iron Ore (626 ST), Gypsum (430 ST), Clinker (538 ST), and Coal (341 ST)

RAW MATERIALS MIXING & CLINKER PRODUCTION AREA

- B RAW MATERIAL GRINDING BUILDING**
 - Roller Press POLYCOM 15/8-5 by Polysius
 - High Efficiency Separator SEPOL HR by Polysius
- D RAW MATERIAL AND KILN BAGHOUSE**
 - Model 6 x 270TB-BHTP-288-56 by IAC
 - 6 compartments, 576 kW Fan
- I BLENDING SILO**
 - Claudius Peters Mixing Silo MC-16
 - Effective 7,183 ST
- J PREHEATER FEEDER BUILDING**
 - Two Belt Bucket Elevators (1 as standby)
 - Capacity up to 170 ST/hr
- F PREHEATER BUILDING**
 - Six Stage Preheater with Calciner by FLSmidth
 - SNCR System 19% Ammonia Injection System

- K ROTARY KILN**
 - 150" Vulcan Kiln with Falk Main Gearbox
 - Cooling Fans and Seals by FLSmidth
- W CLINKER COOLER BUILDING**
 - ETA Cooler 646 by Claudius Peters
 - 2000 mtpd of Clinker at 90°C
 - Hot Pan Conveyor by Sthim (max temp. 130°C)
- P BAGHOUSE AND HEAT EXCHANGER BUILDING**
 - Baghouse for Cooler by IAC with 4 compartments

CEMENT PRODUCTION & DISPATCHING AREA

- R CLINKER STORAGE BUILDINGS**
 - Twin Buttes Mine reclaimed dome (50,000 ST)
 - Emergency Silo (13,800 ST)
 - Collecting Belt Conveyors by Superior (400 ST/hr)
- S GYPSUM STORAGE BUILDING**
 - Building with capacity of 2,000 ST
 - Collecting Belt Conveyor by Superior (400 ST/hr)
- G CEMENT GRINDING BUILDING**
 - Roller Press POLYCOM 15/8-5 by Polysius
 - One chamber used Marcy ball mill (1,841 kW)
 - Cement Cooler by Polysius (from 100°C to 55°C)
- H CEMENT SILO**
 - Claudius Peters Silo EC-16
 - Two discharging system (Bucket Elevator and Emergency Dispatching (165 metric tons/hr)

- E TRUCK DISPATCHING BUILDING**
 - Two metallic silos (approx. 125 m³ each)
 - Claudius Peters Fluidization Systems (440 ST/hr)
 - Two Fairbanks weighbridges for trucks (120 tons)
- O CEMENT PIPE**
 - Pneumatic Conveying Pipe by Claudius Peters
 - Approx Length: 293 m
- V RAILROAD DISPATCHING BUILDING**
 - One metallic silo (approx. 398 m³)
 - Claudius Peters Fluidization System (330 MT/hr)
 - Fairbanks weighbridge for railcar (360 tons)