Hanlon Engineering + Architecture

Design-Planning-Development-Management

Merging Traditional Values with Today's Technologies to Better Serve Our Client's Future.

Material Handling & Conveyance

Gold Mine, Nevada

SERVICES

PROCESS ENGINEERING
TRADE-OFF STUDIES
PROCESS DEVELOPMENT
BASIC ENGINEERING
DETAIL ENGINEERING
PROCUREMENT ASSISTANCE
PERMITTING ASSISTANCE
CAPITAL COST ESTIMATE
CONSTRUCTION MANAGEMENT

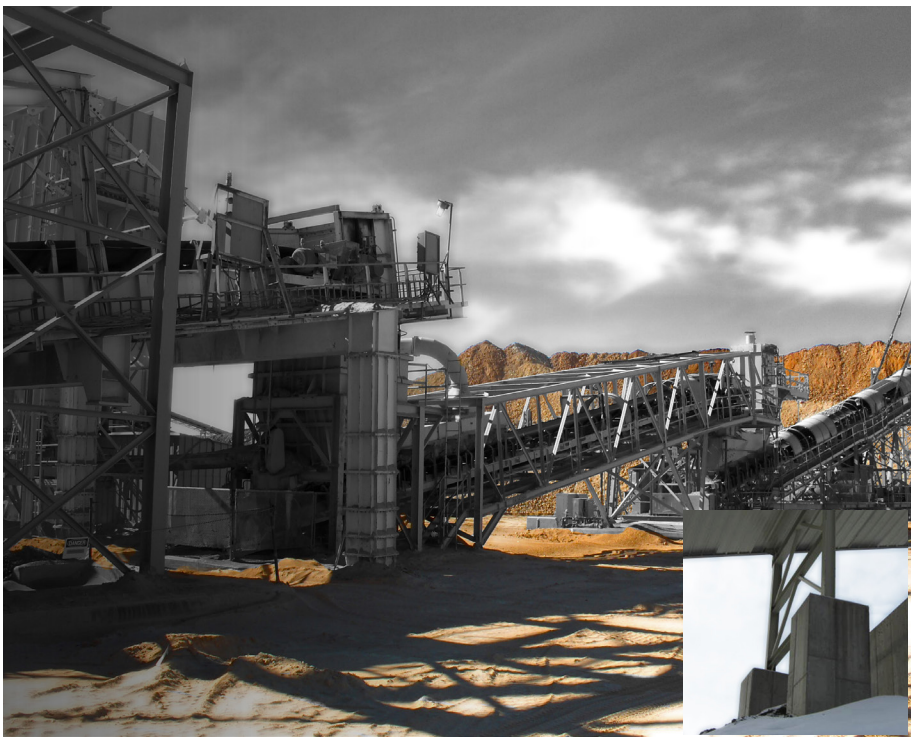
SCOPE

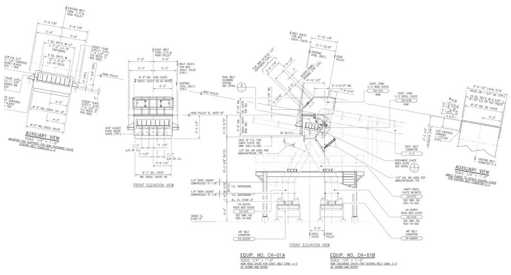
RELOCATION OF THE KRUPP PRIMARY CRUSHER WHICH CONSISTS OF AN 84-INCH INCLINE APRON FEEDER, CRUSHER MODULE HOUSING A 60" BY 89" TRAYLOR GYRATORY, AN A 94-INCH DISCHARGE BELT. SYSTEM CAPACITY IS 5,000-TPH DESIGN AND 3,000-TPH NOMINAL. THERE ARE FOUR NEW 60-INCH BELTS CONVEYORS – 685-FT, 1185-FT, 460-FT AND 241-FT LONG RESPECTIVELY. THE LONGEST CONVEYOR HAS 460-FT TUNNEL SECTION TO ALLOW HAUL TRUCK PASSAGE ABOVE. THE DUMP POCKET IS DESIGNED FOR DUEL DUMPING 400-TON CLASS MINE TRUCKS. THE 4160 VAC SUBSTATION WILL NEW AND RELOCATED TO THE GROUND ADJACENT THE CRUSHER MODULE. THE CONTROL SYSTEM WILL BE UPGRADED. THE CRUSHER USES A GE IMD WITH WONDERWARE HMI SOFTWARE. THE MILL CRUSHING SYSTEM USES AN ABB BAILEY DCS SYSTEM.

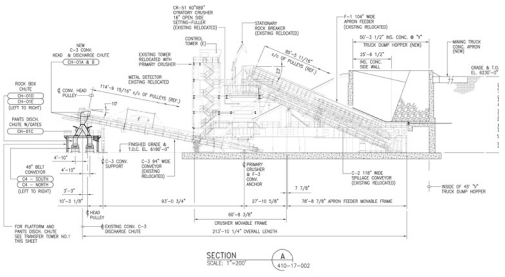
DATA

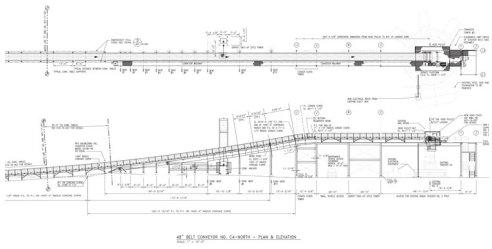
CLIENT:
ROUND MOUNTAIN GOLD MINE

CAPITAL COST:
$ 20.0 MILLION









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