

R.T. Patterson Company, Inc.

Engineers and Consultants

CLIENT

Reed Minerals
Lone, California

PROJECT

Headlap and Colored Roofing Granules Plant

PROJECT SCOPE

Greenfield site venture in Lone, California. The lone complex receives rock from on-site quarry and produces headlap and colored roofing granules for the West Coast shingle manufacturing industry. The project required construction installation drawings for civil site engineering, foundations, structures, and septic system, mechanical, piping, electrical, instrument, power and light for the following:

- Office, truck scale, lunch, and shower facilities
- Crushing plant including the product storage silos
- Headlap plant including the product storage silos
- Color plant including the product storage silos
- Loadout including loadout scale, loadout belt and railroad spur with clean-out pit
- Ancillary facilities including shop and clay slurry railroad siding and pit
- Site grading, stormwater pond and roadways



RTP SCOPE OF WORK

RTP provided Installation engineering services:

- Design services (mechanical, piping, elect., power, instrument, structural and civil)
- Site engineering and septic system
- General arrangement and layout drawings
- Foundation design drawings
- Structural steel design drawings
- Electrical design and installation drawings
- Mechanical and piping design and instrument drawings



Project Value: \$23 Million