

# Foundation Design Eagle Rock Aggregates, Richmond, CA



View of Eagle Rock aggregate storage site.

Ben C. Gerwick, Inc. was retained by Terra Nova Technologies, Inc. to provide the foundation design for an aggregate storage building, receiving hopper tower, transfer tower, conveyor supports, and truck loading structure as part of the Richmond-Levin Terminal Project.

The design included both spread footings and prestressed concrete piles.

The soil under the storage building will be improved using the jet grouting method in order to provide the required bearing capacity for the building, aggregate stockpile, conveyor supports, and the storage bins structure.

Year of Completion: 2006

Construction Cost: \$7M

Client: Terra Nova Technologies, Inc.

#### Services Performed:

- Foundation Design
- Geotechnical Analyses