

PROJECT DESCRIPTION

PROJECT: Ophir Elementary School

LOCATION: Gallatin Canyon, MT

DESIGN TEAM: *Architect :* Prugh & Leon : Bozeman, MT
Structural Engineer : Niahkian Monks, LLC : Bozeman, MT
Geotechnical Engineer : Allied Engineering Services, Inc. : Bozeman, MT

CONTRACTOR: Martel Construction, Inc. : Bozeman, MT

OWNER: Big Sky School District 72 : Bozeman, MT



DESCRIPTION:

- Up to 15' of soft SILT and CLAY flood plain deposits and loess overlying alluvial gravel
- Engineered Aggregate Piers were selected as a VALUE ENGINEERING alternative to grouted, helical piers that had been designed for a 100 kip ultimate capacity.
- Engineered Aggregate Piers replaced the grouted helical piers one-for-one, and eliminated the need for a helical pier test program.

REFERENCES: Jason Martel, Executive Vice President
Martel Construction, Inc.

Craig Madson, P.E.
Allied Engineering Services

Nathan McBride, S.E.
Nishkian Monks, LLC