



Peak Sun Technical Center

Millersburg, OR



Square Footage:

Chemistry Building: 5000

Polysilicon Building: 5458

Project Construction Cost:

\$3.5 MM

Occupancy Classification:

Chemistry Building: H-3/H-4, B

Polysilicon Building: F-1, B

Design-Build Team:

Peak Sun Silicon Corporation *Owner*

R. L. Reimers Co. *General Contractor*

CH2MHill *Civil Engineer*

Pillar's Responsibilities:

Building Design

Fire and Life Safety Code Review

Structural Engineering

Plumbing Design

Peak Sun Corporation is joining the rapidly growing solar industry in Oregon by moving operations to Millersburg. The silicon production facility will open with two buildings on 8 acres and is expected to add more buildings to the campus in future expansions.

For maximum flexibility, the Chemistry Building was designed with a structural steel beam and column system with no interior columns and metal stud shear walls at the exterior only.

The Polysilicon Building was designed with a steel beam and column system and used light gauge steel wind girts and roof purlins to support corrugated metal roofing and siding. Steel braced frames were used to support lateral loads.

STRUCTURAL

for more information contact John Evans at 541-752-9202 ext. 114



www.pillar-inc.com