

R.T. Patterson Company, Inc.

Engineers and Consultants

CLIENT

Elgiloy Limited Partnership
Hampshire, Illinois

PROJECT

New Cold Mill

PROJECT SCOPE

Elgiloy LP purchased a 79 acre Greenfield site in Hampshire Township, Illinois to erect a new Cold Mill Facility. The facility is designed to produce specialty steel products (foils) 50" wide to 0.001" gage:

Major components of the new facility are:

- 20-High Reversing Cluster Mill
- Horizontal Brite Annealing Furnace
- Vertical Annealing Furnace
- Slitting Line
- Tension Leveling Line
- Coil Preparation Line
- Roll Grinder
- Substation
- Recirculating Cooling Water System



RTP SCOPE OF WORK

RTP provided the project management and installation engineering for the entire project. Engineering services included:

- Site Development including Storm Water Management
- Feasibility Studies
- General Arrangement and Layout Drawings
- Foundation Design and Installation Drawings, Line Equipment and Support Facilities
- Structural Steel Design Drawings for Accesses and Support Facilities
- Utility and Process Piping Design and Installation Drawings
- Installation Specifications



Project Value: \$100 Million