

## OUR PROJECTS



SECTOR: INDUSTRIAL

### STUBBE'S PRECAST MECHANIC SHOP

30 Muir Line, Harley, ON.

#### DESCRIPTION:

Callidus Engineering provided the design for an approximately 12,000 ft sq. addition to an existing warehouse / industrial building. The addition is to be used as an automatic mechanic shop serving a large fleet of trucks.

#### CONSULTING SERVICES:

Callidus Engineering provided the mechanical and electrical consulting. Mechanical design included dedicated ventilation and heating systems for the shop area and a dedicated furnace serving the office and reception area. Design challenges included providing ventilation in large service pits, high ceilings, and high ventilation load. Electrical design included power coordination for new mechanical equipment, lighting system design for addition, and an extension of the existing power distribution system.

#### STATUS:

Completed September  
2017

#### DESIGN TEAM:

Scott Sinasac, P.Eng.  
Andrew Hall, P.Eng.  
Natalie Martens, P.Eng.  
Peter Ketelaars  
Peter Boersma