



SECTOR: TRANSPORTATION

LATITUDE AIR AMBULANCE

9300 Airport Rd Unit 520, Mount Hope, ON

DESCRIPTION:

The project consists of a new building to house an airplane hanger with offices. The airplane hanger is 27,000 sq. ft., the first floor of the office portion is 11,000 sq. ft. and the office area has a 4,000 sq. ft. mezzanine. The hangar portion will be a pre-engineered metal building, while the office will be conventional structural steel.

CONSULTING SERVICES:

Callidus Engineering provided both mechanical and electrical services. The mechanical systems include rooftop units, VRF, ERV's and MUA's as well as local water heaters for plumbing. The electrical systems include: a power distribution system for the building, electric snow melting systems, office, exterior and industrial lighting control systems, electric heating, light level calculations, fire alarm system and provided electrical elevator installation requirements. We also coordinated specialty items such as an aircraft grounding system and specialty receptacles for aircraft maintenance equipment.

DESIGN TEAM:

Project Manager:

Jacqueline Gordon

Design Team:

Grant Hall P.Eng

Garrett Robertson-Gates

Ty Williams

SQUARE FOOTAGE:

47,000 sq ft.

STATUS:

Active - 2024