

# OUR PROJECTS



SECTORS: INSTITUTIONAL

## MALAHIDE FIRE HALL

Imperial Road, Malahide, ON

### DESCRIPTION:

The Township of Malahide required the construction of a new 11,500 sq. ft., fire hall in Malahide, ON. The building consisted of a large apparatus bay with room for 3 fire trucks; an office area with 4 offices, kitchen, training room and washrooms; a large ancillary space with locker rooms, gear bunk, storage rooms, laundry, compressed air tank filling, and a training tower; and a mezzanine for additional storage.

### CONSULTING SERVICES:

Callidus Engineering provided the plumbing, mechanical and electrical systems design for a new fire hall. Mechanical systems included gas boilers, in-floor heating, perimeter hydronic heating radiators, gas-fired roof top units, furnace, hazardous gas detection, domestic water and sanitary distribution. Electrical design included the new 120/208V electrical service and distribution systems for the fire station. Other electrical systems included lighting, life safety, power connections and communication systems.

### STATUS:

Completed December  
2018

### CONSTRUCTION VALUE:

\$3.5 Million

### DESIGN TEAM

#### INCLUDED:

Project Manager  
Matthew Van Gilst, P.Eng.,  
Design Team  
Russ Strathdee, P.Eng.,  
Ahmed Al Madhoun,  
P.Eng.,  
Ian O'Hara