

## OUR PROJECTS



SECTOR: COMMUNITY GATHERINGS

### L'ARCHE COMMUNITY GATHERING FACILITY

4448 Colonel Talbot Road, London, ON

#### DESCRIPTION:

L'Arche is a community of individuals that share life together in a family-like setting. Many of these individuals have intellectual disabilities and require assistance to navigate their day to day activities. This Project consisted of the new construction of a multi-purpose facility to grant access to the services L'Arche provides for the Community it serves.

#### CONSULTING SERVICES:

Callidus Engineering developed the Electrical, Mechanical and Plumbing engineering services required to bring life to a new state-of-the-art facility for the London Community of L'Arche. The 8,000 sq.ft. Community Centre contains a large Banquet Hall, Commercial-grade Kitchen, craft rooms and offices, and was designed with Energy efficiency as the focus. Callidus included Mechanical systems such as Variable Refrigerant Flow (VRF) fan coils combined with in-floor heating, condensing boiler and a modulating Makeup air Unit with energy recovery. With end user in mind, Callidus designed a plumbing system that consisted of accessible plumbing fixtures. Lastly, the Electrical System designed by Callidus consisted of a Fire alarm system, energy-efficient LED lighting and full data and power distribution throughout the facility.

#### STATUS:

Completed July 2017

#### CONSTRUCTION VALUE:

\$3,000,000

#### DESIGN TEAM

##### INCLUDED:

Matthew Van Gilst, P.Eng.

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Project Manager

Andrew Hall, P.Eng. -

Electrical Engineer

Eric Flodrowski, P.Eng. -

Mechanical Engineer

Becca Dietrich -

Mechanical Designer