

## OUR PROJECTS



SECTOR: COMMUNITY GATHERINGS

### ST. JOSEPH'S UKRAINIAN CATHOLIC CHURCH

300 River Oaks Boulevard East, Oakville, Ontario

#### DESCRIPTION:

The project consisted of a new 40,000 square foot church and community building. The site is located prominently at the corner of River Oaks Blvd. and Trafalgar Rd. in Oakville Ontario. The facility included a 350 seat sanctuary, 400 seat banquet hall, large commercial grade kitchen, and a 5 classroom private child care centre.

#### CONSULTING SERVICES:

Callidus Engineering provided a design brief at the outset of the project to outline the systems proposed for the building. System selection took into account input from the owner's representative with respect to both performance and cost. Mechanical systems for the church and banquet hall included packaged rooftop units with ERVs and zone control. Systems for the child care centre included in-floor radiant heating, variable refrigerant fan coils with hot water heating and a high-efficiency central heating plant. The building was fully integrated into a building automation system. Electrical systems included power distribution at varying voltages throughout the spaces, lighting, emergency and life safety system designs. Lighting systems were customized to meet specialized requirements of the unique spaces, and to highlight key pieces of architecture throughout the space.

#### STATUS:

Completed March 2012

#### CONSTRUCTION VALUE:

\$9.85 Million

#### DESIGN TEAM:

Project Manager – S. Grant Hall, P. Eng.  
Electrical Engineer – Andrew Hall, P. Eng.  
Mechanical Designer – Eric Flodrowski, P. Eng.  
Electrical Designer – Zam Abdulla, EIT

#### REFERENCE:

Myk Wasylko, Wasylko Architects Inc. 370 Queens Avenue London, Ontario N6B 1X6 519.663.0888