

## PHASE 2

# REBUILDING OUR CHURCH

C A P I T A L C A M P A I G N



## Infrastructure Renewal

Install fire suppression system, address building code requirements, replace heating and electrical systems, replace sewer lines and plumbing infrastructure



## Windows

Restore apse windows with stained glass and add protective storm windows; replace aluminum windows and polycarbonate storm windows

## Attic/Envelope/Exterior

Add attic insulation, ventilation and air barrier; storm sewers and site drainage; foundation and masonry repairs; replace roofing and gutters where needed; add energy-efficient lighting



**Estimated Cost: \$7M**



<https://rebuildingourchurch.ca>



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## C A P I T A L C A M P A I G N

### Phase 2 Details

#### **Infrastructure Renewal**

##### **Fire Suppression and Fire Alarm**

- New sprinkler tree and water service tie-in to building
- Sprinklering system – lower level and selected main level areas
- New fire alarm system/panel
- New updated exit devices, and emergency lighting to meet Building Code

##### **Boilers + Distribution Systems**

- New higher-efficiency boilers
- Upgrade/replace heating lines and convectors on sanctuary level

##### **Electrical Systems**

- Replace main electrical service
- Install new electrical panels
- Replace distribution from new panels to devices

##### **Hall Level Upgrades**

- Upgrade washroom facilities to meet code requirements
- Replace sewer lines under basement floor
- Upgrade hall ventilation system
- Upgrade kitchen and servery to meet code requirements
- Replace kitchen exhaust hood and make-up air units
- Create accessible meeting room(s)
- Upgrade lighting to LED fixtures
- Repair terrazzo floor

##### **Choir Loft Upgrades**

- Upgrade ventilation, heating and washroom
- Address tower stair fire separation code requirements



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### Phase 2 Details

#### **Windows**

##### **Restore Apse Windows**

- Replace stained glass on interior and protective storm windows on exterior

##### **Replace Aluminum Windows and Polycarbonate Windows**

- Replace aluminum windows at Hall level, Sacristy and O'Neill Rooms
- Replace polycarbonate storm windows on stained glass where yellowed

#### **Attic/Envelope Upgrades with Exterior Renewal**

##### **Attic / Envelope**

- Add insulation to attics
- Restore ventilator at north end of attic and install louvres on sloped roofs as needed
- Add exhaust system for purging heat during summer months
- Remediate bat guano in attic
- Remove sanctuary ceiling pot lights, and seal openings to minimize: heat loss, and occupational safety issues with changing bulbs
- Add higher-output LED bulbs to pendant lights and supplemental altar/apse lighting to make up for pot light removal
- Upgrade lighting controls / switching / dimming
- Integrate emergency lighting in main sanctuary
- Repair or replace copper gutters, downspouts, drip edge as needed
- Replace remaining cedar shingle roof areas: apse behind altar, small apses each side of altar, hall entrance roof

##### **Foundation Above Grade**

- Crack repairs above basement windows
- Repair parging on foundation above grade
- Create control joints under arched windows
- Repoint and repair masonry
- Repair cracked window sills

##### **Site Drainage**

- New catch basins and stormwater sewer to underground street system
- Grade for catch basins/ storm sewer underground
- Drain rainwater externally to ground rather than through building