



BKL

ACOUSTICS EXPERIENCE: HOUSES OF WORSHIP

A WORSHIP SERVICE usually contains three major acoustical components: spoken word, devotional music, and congregational singing. A house of worship with properly designed acoustics and a sound system that works in harmony with the space can enhance the services. The following projects represent our wide range of experience in working in churches, from monasteries to contemporary, and from new design to renovations.

FIRST BAPTIST CHURCH — VANCOUVER, BC

For the redevelopment of First Baptist Church, the adjacent Pinder Hall, and other facilities, we provided internal and external sound isolation, mechanical systems noise control, and design recommendations for room acoustics.

CHRISTIAN LIFE ASSEMBLY CHURCH — LANGLEY, BC

We reviewed the acoustical design for all renovated buildings and made recommendations for sound isolation, and to control reverberation and background interior noise levels.

CANADIAN MARTYRS CHURCH — RICHMOND, BC

We provided comprehensive acoustical and noise isolation design for this new church, parish hall, and attached school. Features include a glass wall between the sanctuary and narthex, sound-isolated crying room, and excellent acoustics.

FU HUI BUDDHIST TEMPLE — VANCOUVER, BC

We consulted on controlling exterior noise penetration and designed room acoustics for the sanctuary, kitchen, and community room.

VANCOUVER CHINESE EVANGELICAL CHURCH — VANCOUVER, BC

We made acoustical recommendations for interior finishes in the sanctuary and fellowship halls, and consulted on noise isolation for the sanctuary.

ST. RITA'S CATHOLIC CHURCH — CASTLEGAR, BC

After St. Rita's sanctuary was destroyed by arson 2013, BKL provided full acoustical design services for the rebuild, including the chancel, sanctuary, daycare, meeting rooms, and church offices.



CHRIST CHURCH CATHEDRAL — VANCOUVER, BC

For the cathedral's restoration, we assessed existing acoustical conditions and designed remedial measures to isolate traffic noise, suppress ventilation noise, and improve the character of reverberation.

RICHMOND JAMATKHANA — RICHMOND, BC

We provided acoustical design for prayer hall, social hall, and classrooms including room acoustics and noise control recommendations to limit noise from the HVAC system and overhead aircraft approaching and departing YVR.

COASTAL CHURCH — VANCOUVER, BC

During interior renovations to a downtown heritage church, we provided recommendations that improved acoustics and, at the same time, maintained heritage interior appearance.

KAMLOOPS FULL GOSPEL CHURCH — KAMLOOPS, BC

We evaluated sanctuary acoustics on-site, assessed deficiencies, and made recommendations to improve the acoustics.

EAGLE RIDGE BIBLE FELLOWSHIP — COQUITLAM, BC

We consulted on the acoustical design of the sanctuary for the new church building and made recommendations for HVAC system noise control.

STAR OF THE SEA CHURCH — SURREY, BC

We designed the room acoustics and sound system for the sanctuary of this new Roman Catholic church. Design includes a wavy wall to diffuse reflections from the circular rear wall.