



Acoustical Consultants Inc.

Our Business is Best Kept Quiet

76 Chamomile Dr
Hamilton ON
L8W 0C1

August 25, 2017

Millington & Associates,
3380 South Service Road
Burlington, ON
L7N 3J5

Our File NO: 2017-1068

Attn: Greg Poole

RE: Coptic Church, 1160 Blair Rd Burlington ON. Part of Lot 12, Concession 2, South of Dundas Street, City of Burlington.

dba Acoustical Consulting Inc., has reviewed the proposed Coptic Church site plan as well as on-site visit on July 24, and August 23, 2017 to ensure that the proposed Church location meets MOE D6 guidelines as well as MOE Publication 300, Stationary & Transportation Sources-Approval & Planning guidelines Table C-9.

Table C-9
Supplementary Indoor Sound Level Limits
Road and Rail

Living/dining areas of residences, hospitals, schools, nursing/retirement homes, daycare centres, theatres, places of worship, etc.	16 hours between 07:00 – 23:00	Road 45 dBA	Rail 40 dBA
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As the building is constructed with a masonry cement exterior construction and all exterior windows are 3/4" commercial grade non-operable windows, the traffic noise and area light industrial operations has no noise impact on the Coptic Church proposal due to extensive shielding from area commercial buildings, separation distance from Mainway, and Blair Rd low traffic volumes.

Noise monitoring was conducted in areas of the exterior of 1160 Blair Rd to ensure interior noise levels from the area commercial businesses did not impact the church. It should be noted that the church services are held on Sundays and area businesses are closed. Noise monitoring was conducted on the north, south, east, and west. The church is proposed in the centre of the building and has exterior hallways and offices abutting the church area. Noise levels acquired on August 23, 2017 during the daytime from inside the church area while businesses in operation was monitored at 30dBA. Clearly well below MOE noise criteria. The noise levels included all area businesses and the area road traffic.

Noise levels acquired at the exterior of the building was recorded at 50dba south side, 52dba west side, 54 east side and 53 north side.

The following are the D6 guidelines that are considered for this site.

D6 Guidelines

Definitions (2.0) (area commercial businesses)

Note: Definitions in addition to those below are provided in Procedure D-1-3, "Land Use Compatibility: Definitions".

Noise Sensitive Area

An outdoor space or facility that is used for the enjoyment of persons utilizing any building(s) on the premises.

Class I Industrial Facility

A place of business for a small scale, self-contained plant or building which produces/stores a product which is contained in a package and has low probability of fugitive emissions. Outputs are infrequent, and could be point source or fugitive emissions for any of the following: noise, odour, dust and/or vibration. There are daytime operations only, with infrequent movement of products.

As this site is classified as a Class I Industrial Facility the following set back requirements are necessary to meet the D6 criteria.

Recommended minimum separation distances (4.3)

No incompatible development other than that identified in Section 4.10, "Redevelopment, Infilling and Mixed-Use Areas" should occur in the areas identified below, even if additional mitigation for adverse effects, as discussed in Section 4.2 of Procedure D-1-1, "Types of Buffers", is provided:

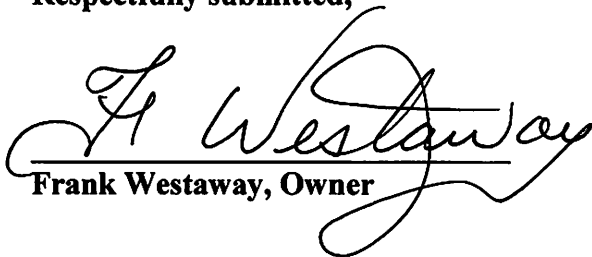
Class I - 20 metres minimum separation distance

Class II - 70 metres minimum separation distance

Class III - 300 metres minimum separation distance

It is confirmed that the proposed church will not have any noise impact from any area businesses or traffic. The building envelope is structurally sound for existing office operations within the building on the first floor. The separation from the exterior wall to the interior wall of the church is approximately 10m with offices and hallways separating them. The area business where noise monitoring was considered included 1150, 1157, and 1182 Blair Rd.

Respectfully submitted,


Frank Westaway, Owner