

Ava Janikowski Architect Inc.

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Date: September 28, 2021

SHADOW IMPACT ANALYSIS – 70 OLD MILL ROAD

To: Planning Department
Town of Oakville
1225 Trafalgar Road

To the Planning Department,

Please find attached our shadow impact analysis in support of our Official Plan Amendment application for 70 Old Mill Road.

Please note that our shadow study demonstrates that:

1. There is adequate sunlight available for residential amenity spaces to maximize their use during spring, summer and fall afternoons and evenings.
2. The public sidewalks on Cornwall and Old Mill Roads receives at least 5 hours of continuous sunlight per day on April 21, June 21 and September 21. The Sixteen Mill Creek greenspace across the street on Cornwall Road receives at least 5 hours of continuous sunlight on April 21, June 21, and September 21.
3. The proposed development allows adequate sunlight on building faces and roofs of the adjacent buildings for the possibility of using solar energy by not exceeding two consecutive hourly test times on December 21.

Regards,



Ava Janikowski, RAIC, OAA
Principal