



May 23th 2024

SINA
3030 Boul. le Carrefour Suite 1200
Laval, Québec
H7T 2P5

Letter regarding waterproofing measures for the project located at 788 March Road in Ottawa, Ontario

We are writing to outline our intended waterproofing strategy for the foundation walls and under-slab drainage plan required for the residential project on March Road, Ottawa, aligning with the recommendations set forth in the Geofirma Engineering Ltd. report.

To ensure comprehensive waterproofing, all foundation walls below the elevation of 74.0 meters will undergo foundation wall waterproofing per manufacturers' specifications. This will involve the application of a membrane (Hydrotech 6125 liquid applied membrane or equivalent) engineered to withstand the hydrostatic pressure exerted by saturated soil on the side of the foundation wall. The foundation walls will also have a drainage board to provide a path for water to drain on the side of the wall down to perimeter drains and an underslab drainage system below the P2 (lowest) parking level.

Additionally, it is important to note that all doors and openings must be positioned at least 0.3 meters above the 100-year flood level, which equates to a minimum elevation of 74.3 meters.

In alignment with projected groundwater inflows and the recommendations outlined in the Geofirma report, as well as in coordination with civil and mechanical engineers, appropriate under-slab drainage systems will be installed to effectively manage groundwater below the structure.

Please do not hesitate to ask further questions regarding this subject.

Architecte | Architect
NEUF architect(e)s

Nom du signataire | Name
Chris Ilg, Parner Architect

Signature | Signature