Construction Management Plan

1029-1033 Waterdown Road, Burlington

Prepared by Infinity Development.

November 29, 2021

Period of Construction and Construction Phasing

The period of construction is estimated to be 24 months from the start of construction to the first residential occupancy of phase 1

The construction work is proposed to be carried out in one phase and will comprise of the new construction of the two level of underground garage, 29-storeys above grade and all site works and landscaping.

A general overview of the respective construction activities during construction is shown on the attached Construction Schedule Bar Chart (CSBC).

Hours of Construction/Noise Control

All exterior, structural and major construction activities and construction of interior elements and finishes, including delivery of materials, will be conducted between 7:00 am and 7:00 pm from Monday to Friday, and between 9:00 am and 5:00 pm on Saturday. No construction activities will take place on any statutory public holiday including Christmas Day, Boxing Day, New Years Day, Victoria Day, Canada Day, Labour Day and Thanksgiving Day. When statutory holidays fall on a Sunday, the following day will be designated as the holiday.

All construction work will be carried out in accordance with City of Burlington by-laws with respect to noise.

Dust Control

The following dust control program, as submitted with the demolition permit application, will be put into place:

1. All soft and hard surfaces and any demolition face on the site will be wetted daily, or more frequently if required, with the addition of calcium chloride or other recognized material as a dust suppressant, if required.

2. The road pavement and sidewalks along the entire frontages of the property and extending for a distance of twenty-five meters (25m) beyond the property line, will be cleaned as required.

3. Truck loading points will be designated to avoid trucks tracking demolition debris off site. Such loading points will be maintained on a stone base to minimize tracking of debris onto the sidewalks and streets. If the loading point becomes contaminated, it will be cleaned and/or replaced.

4. All trucks leaving the site will be cleaned of all demolition debris and dust. If necessary, trucks will be washed including washing of tires and sweeping or washing of truck exteriors and tailgates.

5. All trucks leaving the site which have been loaded with demolition debris which may generate dust will be tarped.

6. An air monitoring program, if necessary, as determined through consultation with the Medical Officer of Health, will be put into place.

7. A dust control measures supervisory program by a qualified environmental consultant, if necessary, as determined through consultation with the medical officer of Health, will be put into place.

All construction work will be carried out in accordance with normal City of Burlington requirements with respect to air-borne pollution.

Construction Vibration Assessment and Monitoring Plan

An assessment of the potential impacts of vibrations generated during demolition and construction of the proposed residential development will be undertaken in accordance with and as defined in City of Burlington by-laws.

The study will include a) examination of the planned construction activities; b) consideration of the site and its surroundings to identify potentially impacted structures, c) on the basis of the projected construction activities, geotechnical information and other relevant information, establish a Zone of Influence beyond which unacceptable vibration is not anticipated; e) discuss the implication of the Zone of Influence, and describe any measures required under the by-law to address buildings or other structures located within the Zone.

If the Zone of Influence will extend beyond the legal boundaries of the site, the study will develop and describe an appropriate Vibration Monitoring Plan, as required by the By-Law. Preconstruction Surveys and Pre-construction consultation, as required under the by-law, will be prepared and undertaken. Communication protocols will also be implemented with the owners of adjacent affected properties.

Hoarding and Pedestrian Traffic

Construction of a fencing enclosure comprised of plywood hoarding and chain link fencing surrounding the perimeter of the project, as shown on the attached Construction Management Plan ("CMP"), shall be installed in a manner and form satisfactory to the Chief Building Official and in accordance with applicable City of Burlington by-laws and Ministry of Labour requirements. The site enclosure will be maintained in a safe condition as required throughout the course of construction with the intention of preventing entry by unauthorized persons at all times and protecting passersby from construction activities.

Tree protection fencing shall also be installed in accordance with the Arborist report

Pedestrian traffic will be maintained on Waterdown Road however, a temporary sidewalk closure may be requested of the City of Burlington from time to time to facilitate construction activities and material deliveries. Overhead protection will be erected along the sidewalk on Plains. Pedestrian movement will be properly signed in accordance with City of Burlington requirements.

All proposed hoarding and fencing on the construction site is shown on the attached CMP.

Existing Tree Protection and Management

All tree protection measures in accordance with the City of Burlington's Tree Protection Policy and Specification for Construction Near Trees and to the satisfaction of the General Manager of Parks, Forestry and Recreation shall be carried out.

Crane Swing

A tower crane will be erected at the site to facilitate the construction of the reinforced concrete frame during the construction of the project. It should be noted that at no time will any live load be swung over the property line onto private property to the north.

Construction Vehicle Access and Material Deliveries

Access to and from the site during construction of the project shall be from Waterdown Road. Construction accesses and gates will be located at the North end of the property.

The Temporary construction gate and access will be provided in accordance with all City of Burlington by-laws and regulations.

A temporary occupation of the lands may be requested of the City of Burlington Waterdown Road frontage to facilitate construction activities and material deliveries.

Traffic along the Waterdown Road will be maintained in accordance with this Construction Management Plan.

Provisions for vehicle access and associated gates to the construction site are shown on the attached CMP.

Parking for Construction Trades

Construction trades personnel will access the site via the following means:

- Private car pooling and car-pooling arranged by their respective employers.
- Local transit.
- Nearby street/private parking.

Contact Information

The following individuals will be available during the course of construction should further information be required, or questions arise:

- Arun Anand
    - Email: arun.anand@infintydevelopment.ca
    - Telephone: 416.858.2447
    - Fax: 647.933.8873