

\*This page will be public facing

### LOCATION OF CONSTRUCTION

Building or Project Name (if applicable) The Interchange		
Street Number 3500	Street Name Joseph Howe Drive	Suite/Unit Number
Community Halifax West		
Other Location Information (if no civic number assigned)		
Associated permits numbers Building Permit Number # 2021-02458	Description 13 Storey, 324 unit residential with commercial	Estimated project start date / end date <b>Jan.2021-Sept.2024</b>

### ANTICIPATED NOISE EVENT(S)

Describe the activity, including the type of noise impacts, and duration of the expected after/before hours noise events.  
Basically all concrete placement and finishing.  
Noise will be from trucks during the day and at night cement finishing equipment when required to finish the concrete surface. Machines with small gas engines will be operating through the night. The length of time will depend on weather conditions. In some cases periodically during the night.

### REASON FOR EXEMPTION

Description of why noise within the prohibited hours of the N-200 By-law is required.  
An exemption is required due to cold weather conditions and the slow curing of concrete, this does not allow for finishing of concrete until several hours after concrete pouring.  
The idea is to begin pouring as early as possible and use necessary additives to help the concrete cure quicker. We usually pour Monday to Friday. Saturday would only occur for emergency situations.

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### MITIGATION MEASURES – SITE ORGANIZATION

Describe what site-specific steps you will take to reduce the impact of the noise during all hours of construction. (i.e. measures could include locating construction equipment away from residences, discouraging queuing of vehicles prior to site opening etc.)

1. Stage as far from residences as possible.
2. Solid hoarding used to reduce ground level sound transmission.
3. Use existing structure to dampen noise transmission when possible.
4. Provide on-site turn around facility for truck traffic to reduce back up beepers.

### MITIGATION MEASURES - EQUIPMENT

Describe what equipment related steps you will take to reduce the impact of the noise during all hours of construction. (i.e. measures could include sound barriers to muffle generators, scheduled inspections of equipment's condition etc.)

1. Use electrical equipment if possible.
2. Turn off equipment when it is not in use.
3. Only use the equipment that is necessary to complete work.
4. Limit slab size / pours when possible.
5. We use up to 3 power trowel finishers to speed up finishing process.

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### MITIGATION MEASURES - OTHER

Describe what other steps you will take to reduce the impact of the noise during all hours of construction. (i.e. measures could include training, schedule after hours truck routes, solid hoarding and other measures not otherwise listed.)

1. No radios, horns, and avoid shouting.
2. Make trades aware of noise restrictions.
3. Use heat when temperatures reach -5 or below to speed up concrete curing.