TORONTO LANDS CORPORATION

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A subsidiary corporation of the TDSB

# INFORMATION REGARDING DEMOLITION AND CONSTRUCTION

## DEMOLITION

1. What buildings are being demolished?
2. What is the building size, age, plans, assumed structural arrangement, and construction?
3. How will large pieces of concrete such as footings, floor slabs etc. be broken up? Jackhammer on backhoe or sawing?
4. Any buried tanks onsite?
5. From phase 2 environmental, any information on soil contamination that could be an issue VOC's (vapour migration into basements a typical worry), lead or other metals in soil are a dust concern?
6. How long will the demolition take? When is it scheduled?
7. What will security be during demolition?
8. Will vibration monitoring be in place during demolition (and construction) activities?

## TRAFFIC DETAILS

1. What is the traffic safety plan?
2. Where is loading zone(s)?
3. Where will the excavation ramp exit?
4. Will lane closures be requested?
5. Where will dump trucks queue?
6. Where will concrete trucks discharge/queue?
7. Where will trailer loads be unloaded? Will crane hoist directly from that location?
8. Will there be personnel to ensure pedestrian safety (e.g. a trained traffic control personnel/paid duty policy officer)? Full time?
9. What are the restriction on hours of delivery?
10. Any covered sidewalk during construction?
11. Lifts or other occasions that police will be required?
12. Has the City's 'Guidelines for Construction Zones in School Areas' been used to develop the traffic safety plan (https://www.toronto.ca/legdocs/mmis/2014/cc/bgrd/backgroundfile-70097.pdf)

## CRANES

1. What type of crane? Luffing or standard tower crane?
2. Where will mobile cranes set up?
3. Will crane erection and removal be on a weekend?
4. When will the crane climbing be done?
5. What will the limit of the crane swing be?
6. Limits on operation in adverse weather?

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## FALLING OBJECTS

1. How far is the edge of the building from the nearest area frequented by students?
2. How far is the edge of the building from the school building?
3. What measures over and above the standard guardrail including a toe board will be taken?

## CONSTRUCTION PROCESS

1. How will the above grade portion of the structure be constructed (e.g., slip form, jump form, fly forms)
2. Is a concrete pump being used or will the concrete be hoisted in buckets resulting in many more lifts by the crane?
3. Will there be an exterior hoist (elevator) and will it be located on a building elevation away from the school?
4. Will scaffolds be used on the side of building facing the school?
5. Who is the contractor, what have they built lately, any reputational information, safety program or accreditation beyond compliance with legal minimums? How much insurance will the project carry?
6. How many open stories will there be during tower construction?
7. Will there be horizontal netting at the bottom of the open stories?

## UTILITIES

1. What will contractor be using for power onsite? Is there adequate THEC connection, if not when in process does the Developer expect that. How long will a generator be used, where will it be located, will it be fueled by diesel or natural gas?
2. Capping utilities prior to demolition is normal, is required by the demolition permit and can be assumed with a competent contractor.
3. Is new building being serviced by same pipes/power lines gas mains as the school? Potential for accidental cut off if there is a construction problem.
4. If additional utility capacity is needed for the new development, there maybe excavation for sewers etc. in the roadways nearby along with the building development construction.
5. Any special utilities on site (rare such as oil pipeline, steam line etc.)

## GROUND WATER

1. Is dewatering required?
2. If so, what method of dewatering will be used?
3. Provide copy of permit to take water
4. Provide copy of discharge permit or the details regarding discharge into sewer and potential flow along curb
5. Geotechnical comments on potential settlement of school structure