



June 20, 2016

Our File: 14-RE-352

City of Toronto
Engineering and Construction Services Division
Metro Hall, 16th Fl.
55 John Street
Toronto, Ontario
M5V 3C6

Attention: Mr. Greg Horgan, P. Eng.
Senior Development Engineer

**Re: Dundas Square Gardens
High-Rise Residential Development
City of Toronto**

Dear Greg,

We revised our Site Servicing & Grading Plan and SWM Report for the above development and addressed all comments of City's letter of May 24, 2016 as follows:

Comment

1. Groundwater Quantity

Groundwater flow rate of 25USG/min (136,274 L/day) was incorporated into sanitary servicing calculations in Stormwater Management Report dated April 6, 2016.

Please note that the calculated maximum dewatering rate is the groundwater infiltration rate calculated by McClymont&Rak geotechnical consultants in Permanent Drainage Report, not the groundwater peak flow rate as designed by Mechanical Consultant based on proposed pump schedule

Provide the proposed pump schedule for private water drainage system. Revise the sanitary design calculations in the SWM Report accordingly.

Response

Groundwater flow rate of 25USG/min was incorporated into sanitary servicing calculations in Stormwater Management Report as requested.

Requested pump rate is provided by Smith Andersen mechanical consultant in Appendix 1 of the report. Sanitary design calculations are revised to incorporate pumping rate as you requested. See sections 6.1.2, 6.1.3 and section 7 of the report.

See Smith & Andersen Engineering Pump Schedule on page 20 in the Appendix 1 of the report.

Comment

2. Private Water Drainage System

Site Servicing Plan by Riaboy Engineering Ltd. indicated there are two proposed sanitary service connections, and only one of which (proposed sanitary service connection to sanitary/combined sewer on George Street) will be used to discharge groundwater from subject property. The Property Owner shall confirm whether the proposed development will have one private water drainage system for both the commercial portion and residential portion

Response

Requested letter from the owner is provided. See page 26 in Appendix 1 of the SWM Report.

Comment

3. Private Water Sampling Location

Site Servicing Plan by Riaboy Engineering Ltd. indicated groundwater will be conveyed and discharge to sanitary/combined sewer on George Street. Private Water Sampling Location was labelled as "U/G Water Control MH". The Property Owner shall change the name of proposed sampling location from "U/G Water Control MH" to "Groundwater Sampling MAH".

Response

The name of the Private Water Sampling Location is changed to Groundwater Sampling MAH as requested. See Servicing and Grading Plan.

Comment

There is a common stormwater management system draining to the existing storm sewer on George Street and a common groundwater collection portal draining to the sanitary control manhole at George Street. While the stormwater management system may be shared, there is a requirement from Toronto Water that each of the tower and the podium be designed with a separate entry pipe into the stormwater management tank and an accessible monitoring system be provided at the inlet for each. This must be shown on the Site Servicing and Grading Plan and on the future building permit plans both in plan and profile to assess its accessibility.

Response

Storm water Sampling Ports for the Tower and Podium are shown on the Servicing and Grading Plan as you requested.

We trust the above is satisfactory and if you have any questions, please contact this office. Your earliest attention in review and approval of this submission will be most appreciated.

Sincerely,



Youri Riaboy, P. Eng.

c.c. Dundas Square Gardens Inc. - Mr. Steve Gupta
- Mr. Paul Chianelli