

Addendum to Design Brief - Engineering Comments from Pre-consultation Meeting for Purolator Kanata West facility, held on November 4th, 2019

Engineering

- The Stormwater Management Criteria for the subject site is to be in accordance with Kanata West Business Park Phase 5 Design Brief, prepared by IBI Group (latest revision). The Phase 5 registration documents are currently under review by the City of Ottawa. Flows to the storm sewer in excess of the allocated storm release rate, up to and including the 100-year storm event, must be detained on site.
- The sanitary sewer release rate for the subject site is to be in accordance with Kanata West Business Park Phase 5 Design Brief, prepared by IBI Group (latest revision).
- Proposed connection locations for sanitary and storm services are to be in accordance with Kanata West Business Park Phase 5 Design Brief, prepared by IBI Group (latest revision)
- Provide the following information for water main boundary conditions:
 1. Location map with water service connection location
 2. Average daily demand (l/s)
 3. Maximum daily demand (l/s)
 4. Maximum hourly demand (l/s)
 5. Fire flow demand (provide fire detailed flow calculations based on the fire underwriters survey method)
- 6. If you are proposing any exterior light fixtures, all must be included and approved as part of the site plan approval. Therefore, the lights must be clearly identified by make, model and part number. All external light fixtures must meet the criteria for full cut-off classification as recognized by the Illuminating Engineering Society of North America (IESNA or IES), and must result in minimal light spillage onto adjacent properties (as a guideline, 0.5 fc is normally the maximum allowable spillage). In order to satisfy these criteria, the applicant must provide certification from an acceptable professional engineer. The location of all exterior fixtures, a table showing the fixture types (including make, model, part number), and the mounting heights must be included on a plan.
- An MECP Environmental Compliance Approval (Industrial Sewage Works) will be required for the proposed development assuming “storage of goods or materials” will occur at the proposed warehouse.

Please contact Infrastructure Project Manager, [Julie Candow](#) for follow-up questions.

NOTE: Subsequent to the pre-consultation meeting, it was determined by the Ontario Ministry of Environment, Conservation, and Parks (MECP) that Environmental Compliance Approval for this proposed development is not required.