

Oxbury Centre Inc c/o Westdell Development Corporation  
 3B-1701 Richmond St  
 London, ON, N5X 3Y2

October 5, 2022

RE: **625 Mornington Ave**  
**Mornington Servicing – Sanitary Servicing Brief**

Driven Engineering Inc. has been engaged to undertake a preliminary design and capacity review of sanitary sewer fronting the southern portion of 625 Mornington Ave in support of a new high density residential development. The proposed building will support a population of 299 people (1.6 people per unit at 187 units). This generates design flows of 1.75 litres per second, including infiltration on the approximate 1.6 hectares affected by the proposed development.



Figure 1 Existing sanitary sewer along Mornington Ave at the subject site

The sewer immediately fronting the site is a 200mm diameter pipe from MH BB1 to BB2 at 2.33% and a 200mm diameter pipe from MH BB2 to BB3 at 2.82%.

At this time, it is not known to which section of pipe the proposed PDC will connect, so we will discuss them both here.

	<b>Ex. Design Flows</b>	<b>Total Capacity</b>	<b>Difference</b>
BB1-BB2	0.67 cubic feet per second <i>18.97 litres per second</i>	1.50 cubic feet per second <i>42.47 litres per second</i>	23.5 litres per second

BB2-BB3	0.85 cubic feet per second <i>24.07 litres per second</i>	1.65 cubic feet per second <i>46.72 litres per second</i>	22.6 litres per second
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The existing as-constructed design information was obtained from City of London File Number 15724 and is listed in imperial units first as this is the record. The metric equivalents are listed below in italics. Proposed population information was obtained from R Tomè & Associate drawings dated 2022-09-27.

Given the above information, there is capacity in the sewers immediately fronting the subject site to support the proposed development.

### **Passage of Time and Information**

The findings, conclusions and recommendations contained herein are based on the information known at the time of the fact gathering. Those findings, conclusions and recommendations may be subject to changes or modifications with the passage of time and are for the sole use of the City of London and Westdell Development Corporation with respect to this project alone.

The document is accurate to the best of the information provided to Driven Engineering Inc. If any information contained within is obsolete, changes or is otherwise no longer relevant, this needs to be made known to Driven and Driven reserves the right to edit or modify this document to suit the new information. It is never the responsibility of Driven to stay current of the information used in the production of this report.

### **Closing**

We trust that this report meets your satisfaction. Should you have any questions or require further information, please do not hesitate to contact the undersigned.

Sincerely,



Alan Johnson, P.Eng.  
President, Principal Engineer  
Driven Engineering Inc.



# Appendix A

Sanitary Design Sheet

(Enclosed Separately)



