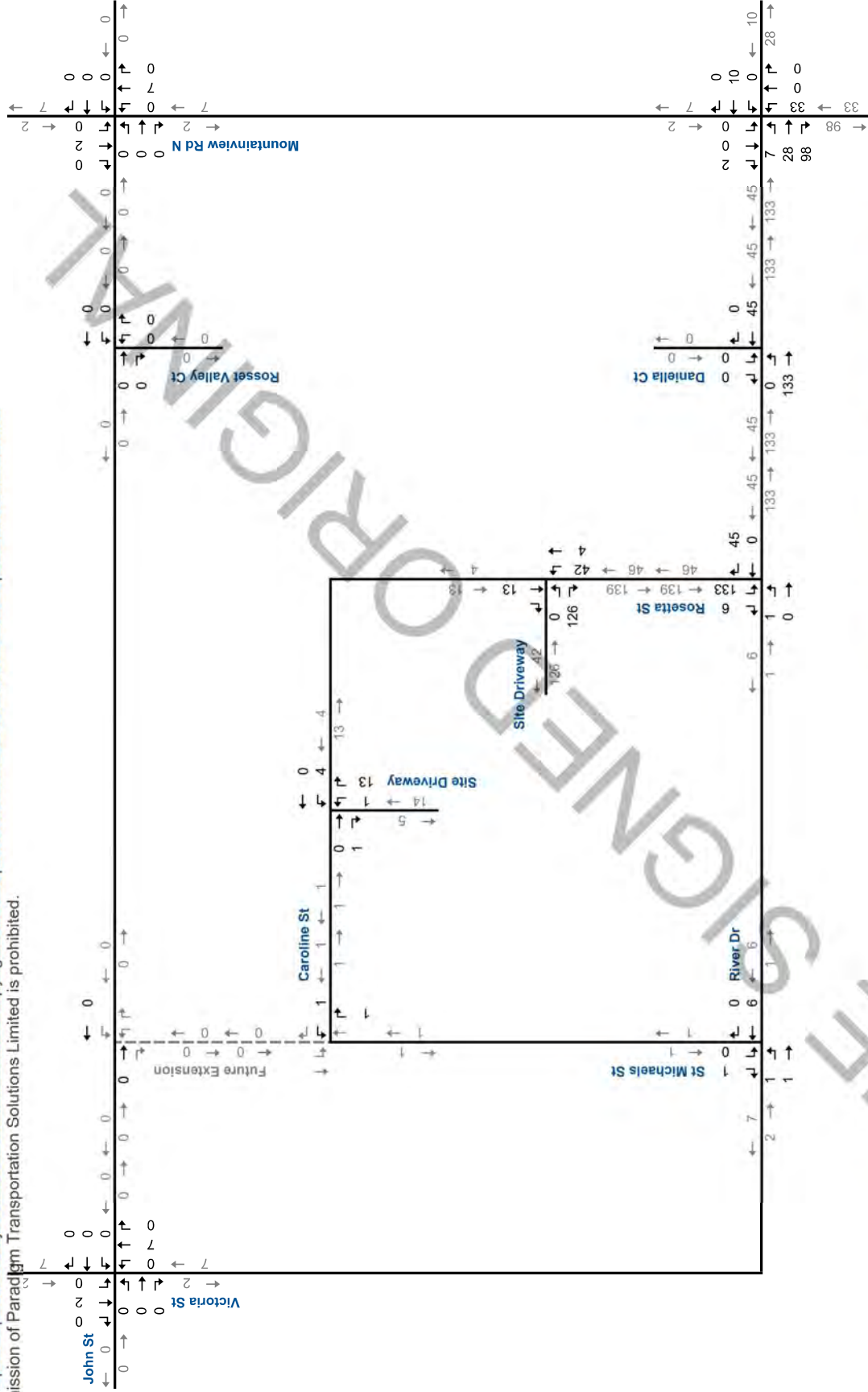


Appendix D

Background Development Site Traffic

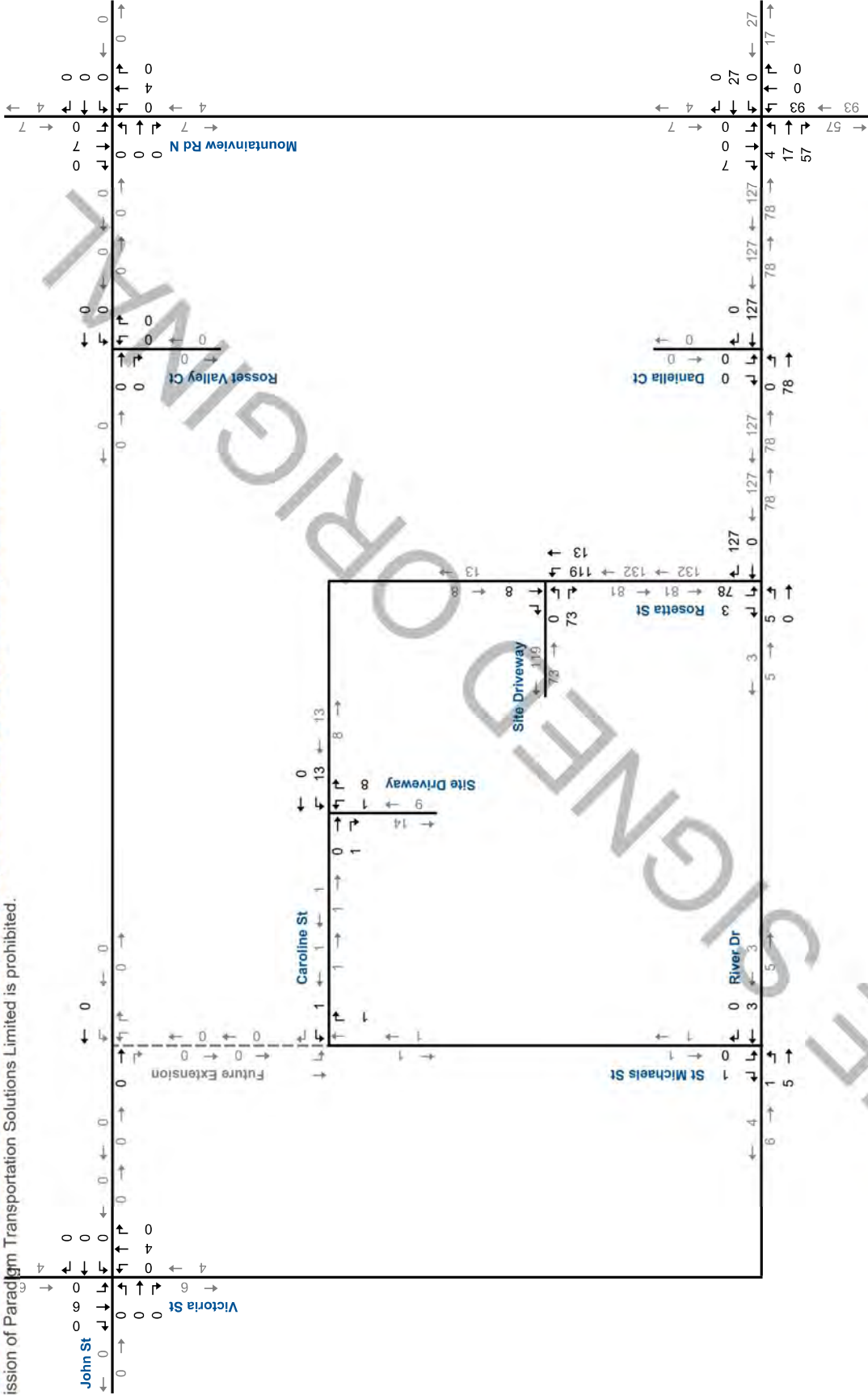
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Site Generated 2033 Traffic Volumes AM Peak Hour

1 Rosetta Street, Town of Halton Hills - Update
210781

Figure 3.4



Site Generated 2033 Traffic Volumes PM Peak Hour

Figure 3.5

Site Generated Traffic

Site generated traffic for the proposed development was calculated using the Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition, Using Land Use Category 220 “Multifamily Housing (Low-Rise)” (3 Units).

The ITE Trip Generation Manual method was selected to generate site trips for the proposed development. The a.m. and p.m. peak hours were selected as the most appropriate timeframes to represent peak site operations. The site-generated trips are tabulated in Table 1.

Table 1: ITE Trip Generation

Use	Unit Yield	Peak Hour	Fitted Curve Equation	Number of Trips		
				Inbound	Outbound	Total
Multifamily Housing – Low Rise (220)	3 units	A.M.	$\ln(T)=0.95\ln(X)+0.51$	0 (23%)	2 (77%)	2
		P.M.	$\ln(T)=0.89\ln(X)+0.02$	2 (63%)	1 (37%)	3
Total			Weekday A.M.	0	2	2
			Weekday P.M.	2	1	3

Development Impacts

As shown in Table 1, the proposed development generates two total trips in the a.m. peak hour and three trips in the p.m. peak hour. The increase in traffic from the proposed townhouses is not expected to create any operational issues to the boundary road network.

Parking Requirements

The Town of Halton Hill's Zoning By-Law 2010-0050 was reviewed to determine the required number of parking spaces for the proposed development. As per Schedule A03, the proposed development is zoned as “LRD1-2” for Low Density Residential One. Table 5.2 of Zoning By-Law 2010-0050, which entails the minimum number of parking spaces required for residential uses, was reviewed. A summary of proposed parking and required parking can be found below in Table 2.



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Traffic
Engineering

Parking
Planning

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October 14, 2014
Project: 141630

Kevcra Inc.
c/o Glenn J. Wellings, MCIP, RPP
Wellings Planning Consultants Inc.
564 Emerald Street
Burlington, ON L7R 2N8

Dear Mr. Wellings:

**Re: 167-171 Mountainview Road
Traffic Impact Statement**

The Town of Halton Hills has requested a traffic analysis of the proposed development at the above noted location in the Town of Georgetown. The Town has indicated that based on the size of the development (11 bungalow townhouse units) and the small volume of traffic generated (<100 peak hour trips) this development does not require the completion of a TIS. However, an access location and design review technical memorandum is required to determine the safety and operational impacts in the vicinity of the site access point on Mountainview Road. This review should include analysis of:

1. existing conditions;
2. sight distance evaluation;
3. nearby driveway locations;
4. driveway geometry (vertical and horizontal);
5. driveway throat length;
6. provisions for pedestrians and cyclists;
7. location of the proposed access with respect to a left turn bay, right turn bay, median opening and other access connections; and
8. site access and circulation.

This letter report is intended to meet the above-noted requirements of the Town. The proposed site plan is shown in Figure 1.