

D. J. Halpenny & Associates Ltd.

CONSULTING TRANSPORTATION ENGINEERS

October 15, 2018

File: 117-668

Mr. W. Holzman
Holzman Consultants Inc.
1076 Castle Hill Crescent
Ottawa, Ontario K2C 2A8

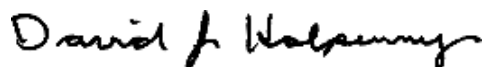
**RE: BLACK SHEEP DEVELOPMENT – 2159 Mer Bleue Road
Traffic Comment**

Dear Mr. Holzman:

This letter is in response to the transportation comment relating to Street 1 in the Black Sheep Development being too long for a cul-de-sac. I have neither heard nor come across any transportation related guidelines which address the length of a road with a cul-de-sac. The approval of a road with a cul-de-sac is dependent on the traffic generated by development along the road, and the operation of the intersection of the road and the connecting road. The TIA study did determine that the intersection of Street 1 and Mer Bleue Road would operate at an acceptable level of service. Emergency access to the development is also a determining factor for the approval of roads with cul-de-sacs and only one access point.

There are many municipal roads within the City of Ottawa and adjacent municipalities which have cul-de-sacs and are longer than Street 1 which will be approximately 300 m. A major point to keep in mind is that Street 1 with a cul-de-sac is a temporary roadway design plan. As development progresses and Vanguard Drive is extended further west to Mer Bleue Road, Street 1 will be extended to connect to Vanguard Drive. This would eliminate the cul-de-sac and provide two access points to development along Street 1.

Yours truly



David J. Halpenny, M. Eng., P. Eng.