

## McMullen, Mark

---

**From:** Vyas, Chit <chit.vyas@translink.ca>  
**Sent:** Tuesday, 9 July 2019 12:26  
**To:** ctung001@gmail.com  
**Cc:** Ferrari, Drew; McMullen, Mark; Roman Binenbaum  
**Subject:** Richmond Brighthouse Bus Exchange

<b>To Development Permit Panel</b>
<b>Date:</b> <u>July 10, 2019</u>
<b>Item #</b> <u>1</u>
<b>Re:</b> <u>DP 17-593871</u>
_____

Dear Mr. Tung,

I am sending this e-mail on behalf of my colleague Drew Ferrari.

The e-mail below has been received by our Acoustic Engineer at Brown Strachan Associates, which includes an item wise response to your e-mail of July 4<sup>th</sup>.

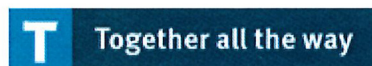
With this, we believe that all your concerns have been addressed.

In case of any additional concerns, please feel free to contact Drew Ferrari (included in this e-mail).

Thanks and regards

Chit

**Chit Vyas**, P.Eng., PMP, LEED AP  
Contractor Project Manager  
Engineering Project Delivery  
T: 778-375-7755 | C: 778-229-0156 | [translink.ca](http://translink.ca)  
TransLink  
400-287 Nelson's Court, New Westminster, BC, V3L 0E7, Canada



**From:** Brown Strachan Associates [<mailto:bsa@brownstrachan.com>]  
**Sent:** Tuesday, July 9, 2019 11:06 AM  
**To:** Roman Binenbaum <[roman.binenbaum@ibigroup.com](mailto:roman.binenbaum@ibigroup.com)>  
**Cc:** Salim Narayanan <[SNarayanan@ibigroup.com](mailto:SNarayanan@ibigroup.com)>  
**Subject:** RE: Richmond Brighthouse Bus Exchange

Roman:

As requested, the following is in response to resident Jett Tung's email of 4 July 2019.

1. Townhouses at the east end will have a partial view to buses past the end of the barrier. Our evaluation indicates bus noise should be less than 60 dB at these townhouses, based on the reduced angle of view and increased distance from the source.
2. CMHC recommends 55 dB for outdoor recreation areas, which "permits conversation at close range or in a slightly raised voice" and is not a design requirement for patios, balconies, etc. For reference, traffic noise normally exceeds 55 dB on balconies in proximity to arterial roads.

