

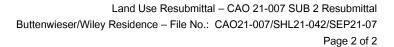
Memorandum

То:	Elizabeth Thompson	Date:	August 18, 2022
From:	April Ng		,
Project:	Buttenwieser/Wiley Residence	File No:	CAO21-007
	6838 96 th Ave SE		SHL21-042
	Mercer Island, WA 98040		SEP21-027
	King County APN 302405-9010		
Subject:	CAO 21-007 SUB 2 Resubmittal		

This memorandum responds to comments received from Michele Lorilla, Geotechnical Peer Reviewer dated June 1, 2022 for Mercer Island: Cascade. File Number: CAO 21-007, SUB 2.

Comment	Response	Document Ref.
"The geotechnical addendum addressed	Aspect advanced a series of supplemental hand auger	Geotechnical
many of our review comments from the SUB1	explorations on the slope to provide additional information	Addendum Dated
review phase. The outstanding item remains	regarding the thickness of the colluvium layer in cross-	4/26/2022 (Revised
the issue of catchment capacity and design of	sections C-C', D-D', and E-E'. The supplemental	August 16, 2022)
Aspect designated Wall 3. According to the	exploration logs are included as an appendix to the	
geotechnical report addendum the	revised geotechnical addendum. We revised the slope	Appendix A
stratigraphy used in the slope stability cross-	stability analyses and catchment calculations appropriately	City Comment
sections was not determined by specific	and included updated output results as appendices to the	Response Letter No. 2
borings or information at those specific cross-	revised geotechnical addendum.	(July 20, 2022)
section locations We recommend that		
the geotechnical engineer resolve the lack of		
subsurface information, revise cross-sections		
using the results from explorations located on		
the slope, revise slope stability analyses and		
catchment calculations.		
"We also request documentation of	Aspect has included a discussion of the assumptions and	Geotechnical
assumptions and calculations to support the	calculations supporting the debris flow loading value and	Addendum Dated
debris flow	configuration in the revised geotechnical addendum.	4/26/2022 (Revised
loading value and configuration."		August 16, 2022)
		Appendix A
		City Comment
		Response Letter No.
		(July 20, 2022)

Updated files been uploaded to the City of Mercer Island's FTP website. If you have any questions, please feel free to contact me at your convenience.





Sincerely,

April Ng, AIA, Associate

Attachments:

CAO21-007 SHL21-042 SEP21-027_2022-08-16 Revised Geotechnical Addendum