

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING  
CONSTRUCTION TESTING & INSPECTION

July 31, 2020

KA Project No. 062-190007

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**Abbey Road Group Land Development Services Company, LLC**  
PO Box 1224  
Puyallup, Washington 98371

**Attn: Gil Hulsmann**  
Email: [Gil.Hulsmann@AbbeyRoadGroup.com](mailto:Gil.Hulsmann@AbbeyRoadGroup.com)  
Phone: (253) 435-3699 (ext. 101)

**Reference: Geotechnical Engineering Investigation Addendum Letter  
East Town Crossing**  
Parcel Nos. 0420264053, 0420264054, 0420351066  
SE Corner of E. Shaw Road and E. Pioneer Way  
Puyallup, Washington 98371

Dear Mr. Hulsmann,

Per your request, we have prepared this letter to provide our opinion regarding the nearby steep slopes. We previously prepared a geotechnical report titled "Geotechnical Engineering Investigation – East Town Crossing – Parcel Nos. 0420264053, 0420264054, 0420351066 – SE Corner of E. Shaw Road & E. Pioneer Way – Puyallup, Washington", dated April 11, 2019.

Based on our communication with you, it is our understanding that the City of Puyallup has requested to provide our opinion on the hazards and risks to the site due to the site being within 300 feet of steep slopes.

We have reviewed Washington State Department of Natural Resources (DNR), City of Puyallup, and Pierce County published landslide hazard maps and web data. We have also reviewed the Landslide Inventory, Susceptibility, and Exposure Analysis of Pierce County, Washington (DNR), prepared by Katherine A. Mickelson et al., and dated July 2017.

Based on our review, we understand that steep slopes are located roughly 300 feet to the south and east from the site. These nearby slopes are mapped moderate to high for shallow landslide susceptibility, and moderate for deep susceptibility. However, there are no historic landslides or debris mapped at the nearby slopes. The closest landslide mapped is located roughly 1 mile southeast of the site.

There is an existing developed property between the nearby southern slope and the southern boundary of the site. There is a partially developed property between the nearby eastern slope and the eastern boundary of the site. In our opinion, these properties to the south and east create a buffer between the nearby slopes

and the site. Based on our review of available published documents and maps, it is our opinion that there is minimum to no risk to the planned development from the nearby slopes.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact our office at (253) 939-2500.

Respectfully submitted,

**KRAZAN & ASSOCIATES, INC.**

07/31/20



Vijay Chaudhary, P.E.  
Project Engineer

*Theresa Nunan*

Theresa R. Nunan  
Project Manager

**Attachments:** WA DNR Landslide Inventory Maps (Figures A, B, and C)

**WADNR\_PUBLIC\_WGS\_Landslide\_Inventory**

Shallow Susceptibility

- Moderate
- High



USDA FSA, GeoEye, Maxar | Esri Community Maps Contributors, King County, WA State Parks GIS, BuildingFootprintUSA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA



East Town Crossing

Date: July 2020

Project Number: 062-19007

Drawn By: VC

Figure: A

Not to scale

WADNR\_PUBLIC\_WGS\_Landslide\_Inventories

- Deep Susceptibility
- Moderate
- High



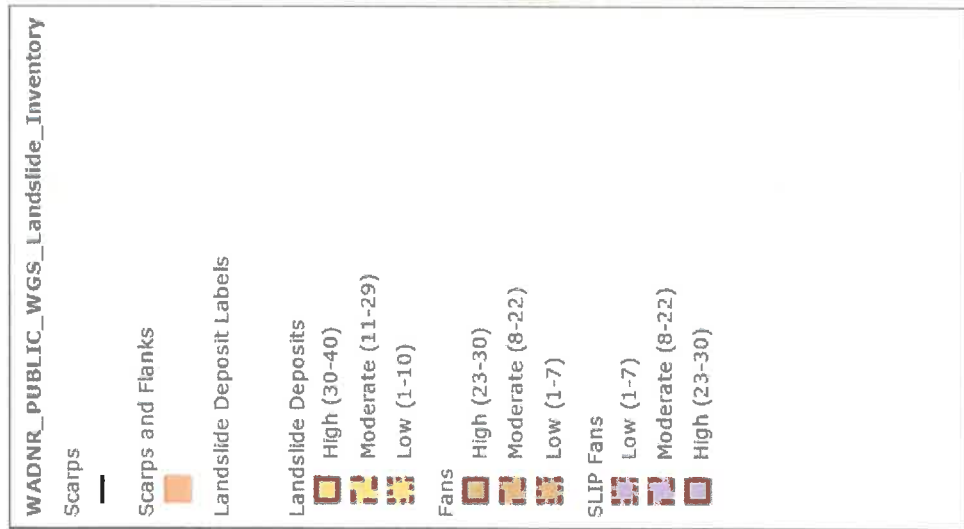
USDA FSA, GeoEye, Maxar | Esri Community Maps Contributors, King County, WA State Parks GIS, BuildingFootprintUSA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA



East Town Crossing

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Drawn By: VC Figure: B Not to scale



Esri, NASA, NGA, USGS, FEMA | Esri Community Maps Contributors, King County, WA State Parks GIS, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA



East Town Crossing

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Drawn By: VC

Figure: C

Not to scale

0.2mi

