



Cobalt Geosciences, LLC
P.O. Box 1792
North Bend, WA 98045

February 3, 2025

Purity Medical Spa of Washington, LLC
C/O Imad Bahbah
imad@ihbarchitects.com

RE: Geotechnical Addendum
Proposed Six Story Building
1617 S. Meridian Avenue
Puyallup, Washington

In accordance with your authorization, Cobalt Geosciences, LLC has prepared a plan review letter for the referenced project. In preparation of this letter, we have reviewed the civil plans by Furr Engineering that show the location and elevation of proposed permeable pavements.

We confirm that permeable sidewalks are feasible as proposed. The very shallow groundwater we previously encountered in our test pit TP-2 was ponded on dense till in an area where prior excavations (grading) removed the upper weathered glacial till zones. The upper weathered till is generally suitable for infiltration through permeable pavements. Elsewhere within the site, we would anticipate seasonal interflow to be present 2 or more feet below grade, if and where present.

We performed a falling head infiltration test in a recent hand excavation adjacent to test pit TP-1 at a depth of 1.5 feet below grade. The results are as follows:

Test Number	Test Depth (ft)	Measured Infiltration Rate (in/hr)	Correction Factors			Design Infiltration Rate (in/hr)
			CF _T	CF _G	CF _P	
TP-1	1.5	0.6	0.5	1.0	1.0	0.3

We should verify soil conditions below any new bioretention or permeable pavements prior to rock placement.

Cobalt Geosciences, LLC



2/3/2025
Phil Haberman, PE, LG, LEG
Principal