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May 30, 2022

N1C1 Holdings
Attn: Phillip Carlson
(360) 798-4309
Via E-mail: pccar132@gmail.com

Re: Short Plat SPL-21-001; Woodland, WA
Geotechnical Review of Proposed Short Plat Access/Building Development

This letter serves as notice that the undersigned with Strata Design (STRATA) has completed a Geotechnical review of the final configuration and plat for site access and building layout to the subject two proposed lots.

As indicated in our Geotechnical Reports for each respective lot^{1,2} (original reports were authored and sealed by the undersigned), the proposed potential building sites consists of a limited size more level area. For area beyond the building and accessway, the Reports state that minimal ground disturbance, avoidance of drainage changes and appropriately designed foundations are critical.

The Reports state that to avoid large differential movements and potential catastrophic structural failures, the base of foundation elements needs to penetrate a minimum of 20 feet below the base of the home, thus, all footings are proposed to be pile supported, to depths of at least 20 feet below floor level.

As stated in the Reports "If constructed at the indicated depth, the structure will likely be protected from catastrophic failure. However, we would assume that yearly periodic inspection and potential maintenance, replacement or additions to the foundation elements are strongly recommended to be carried out on 5-year intervals."

We trust the above will satisfy the geotechnical requirements of short plat application SPL-21-001.

Respectfully Submitted,
Strata Design LLC


Rick Thrall, PE GE
Geotechnical Engineer



¹ December 8, 2020, Geotechnical Assessment – Future Lot 2, Cowlitz County Parcel 508890100

² December 7, 2020, Geotechnical Assessment – Future Lot 1, Cowlitz County Parcel 508890100