

Geotechnical Peer Review – Response SUB4

Helix Design Build – 6922 SE 33rd ST

11.28.22

There was only one remaining comment to address, which pertained to possible surcharge from the main level foundation wall/footing to the basement level retaining wall – as shown in section 'E' on sheet A10. Section 'E' has been updated to graphically illustrate a 1:1 relationship from bottom of footing to bottom of footing. Also, we have added a new partial section 'G' (sheet A10) to illustrate the same relationship where the gap between walls is the narrowest. At the recommendation of our engineer of record, we are now showing a level crawl space grade throughout. We have removed the basement level crawl space access in order to achieve this. The only access is now via the floor system above.

The plan set (along with the updated/newly added sections) has been re-reviewed by our geotech and structural engineer of record – see attached Geo Addendum_SUB4 and Engineer response_SUB4. Both confirm that this solution eliminates any potential surcharge condition.

Changes to plans include:

- **Update to section 'E' – sheet A10**
- **New partial section 'G' – sheet A10**
- **Corresponding updates to sheets A1**

Thank you,



Matthew Mawer