



**City of Seattle**  
**Seattle Department of Construction and Inspections**  
**Engineering Services**

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GAVIN SMITH  
1221 2ND AV STE 200  
SEATTLE, WA 98101

Re: Project #6754744-CN

### Correction Notice #1

**Review Type** GEO SOILS  
**Project Address** 1370 STEWART ST  
SEATTLE, WA 98109  
**Contact Email** GAVIN.SMITH@PERKINSWILL.COM  
**SDCI Reviewer** Pao Huang  
**Reviewer Phone** (206) 684-5825  
**Reviewer Email** pao.huang@seattle.gov  
**Owner** Arbutus Properties

**Date** April 21, 2021  
**Contact Phone** (206) 381-6033

**Address** Seattle Department of Construction and Inspections  
700 Fifth Ave  
Suite 2000  
PO Box 34019  
Seattle, WA 98124-4019

### Description of Work:

Shoring and excavation for mixed-use residential high-rise with below-grade parking, per plan.

### Reference:

December 11, 2020 "Geotechnical Engineering Design Report - 1370 STEWART ST, Seattle, Washington", by Hart Crowser (File No. 19356-03)

### Document Reviewed:

Plan Set uploaded on 12/15/2020 (19.09 MB)

## Applicant Instructions

**You will not be able to upload corrected plans until all reviews are completed and the project's review status is "Corrections Required".**

**\*\*\* Respond by providing a written response to each correction AND identify changes to drawings since initial review. \*\*\***

Drawings shall be **legible**, with sheets **oriented correctly**, on an appropriate **sheet size**, with all revisions/changes **clouded or circled**, with **no missing sheets**, and uploaded in a **single PDF file**.

Link for detailed steps: ["How to Respond to a Correction Notice"](#). If the 3-step process outlined in this document is not followed, your response could be **rejected**, permit issuance could be **delayed**, and **penalty fees** could be assessed.

## Codes Reviewed

This project has been reviewed for conformance with one or more of the following codes: 2015 Seattle Building Code (SBC); 2015 Seattle Residential Code (SRC); 2015 Seattle Existing Building Code (SEBC); 2015 Seattle Energy Code (SEC); Grading Code; Environmentally Critical Areas Regulations (ECA).

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Project #6754744-CN, Correction Notice #1

This project has been reviewed for conformance with one or more of the following codes: 2018 Seattle Building Code (SBC); 2018 Seattle Residential Code (SRC); 2018 Seattle Existing Building Code (SEBC); 2018 Seattle Energy Code (SEC); Grading Code; Environmentally Critical Areas Regulations (ECA).

## Corrections

### 1. SMC 22.170.110 A. Shoring Design and Calculation

(1) The assumed bound resistance in the shoring is 4 kips/ft, which is different than what is recommended in the geotechnical report (1.5 kips/ft and 3.0 kips/ft for Non-Till soil and Till, respectively). Please have geotechnical engineer comment on the difference or please have shoring designer revise the design.

(2) In the shoring calculation report, it indicates the highest cantilevered section is W18. Please confirm if it is meant for W8. Also the calculation does not include the steel section information in the deflection estimation for this highest cantilevered section (i.e. PDF page 56).

(3) Please have geotechnical engineer comments on if inclinometers monitoring is recommended. The recent project in the vicinity of the project site requires post-grouting to achieve assumed bond resistance and post grouting could contribute to more deformation since project site does have some silt and clay layer in middle of excavation depth.

2. SMC 22.170.190 A. Provide a signed and stamped letter from the geotechnical engineer that includes review of the plans and provides a minimal risk statement in accordance with Director's Rule 5-2016. The plan review/minimal risk letter must be based upon review of plans with all substantial geotechnical recommendations incorporated.

3. SMC 25.09.080 D and 22.170.080 A.1. Liability insurance, including Products Completed Operations Coverage, is required by the ECA and Grading Codes. Contact Amber Udelhoven of City Risk Management at [amber.udelhoven@seattle.gov](mailto:amber.udelhoven@seattle.gov) to facilitate submittal of insurance forms from the contractor's insurance agent. Be prepared to provide the names of the excavation and shoring contractors.

4. SMC 22.170.130. Nominate a geotechnical engineering firm on the enclosed SDCI Geotechnical Special Inspections Schedule form. This form must be signed by the owner or owner's representative; the form cannot be signed by the contractor nor the geotechnical engineer.

The Inspection Agency must be the same engineer/firm that prepared the geotechnical report. If the owner nominates a different engineer/firm to act as the Geotechnical Special Inspector, the new engineer must review the original geotechnical report and submit a letter indicating a review was performed, along with a statement of agreement with the evaluation and provisions contained in the report. If the new engineer does not agree with aspects of the report, rebuttal evaluations and recommendations must be included in the review letter. The plans must be revised accordingly and submitted to SDCI for review. Please do not fill in special inspection items on the enclosed form.

Requests for changes of Special Inspection Agency that occur during plan review should be submitted with corrected plans. If the request occurs after permit issuance, send the materials to [jerry.abson@seattle.gov](mailto:jerry.abson@seattle.gov).

☐ Revised Schedule

☐ Addition to Previous Schedule

☒ 2015 SBC



## SDCI Geotechnical Inspections Schedule

**Project Number** 6754744-CN

**Date** 4/21/2021 5:28 PM

**Project Address** 1370 STEWART ST  
SEATTLE, WA 98109

**SDCI Plan Examiner** Pao Huang

**Architect**  
**Engineer**

**Architect Phone**  
**Engineer Phone**

Prior to issuance of a building permit, the owner or owner's agent shall appoint an inspection agency and shall sign and submit this form to the building official.

### Property Owner or Owner's Agent Signature

I hereby certify that the geotechnical engineer named below has been engaged to perform the special inspections outlined below as required by the Seattle Building Code. It is the responsibility of the owner or the owner's designee to notify the inspection agency in a timely manner when the inspections listed below are required.

Signature	Title	Date	Phone
HART CROWSER INC		206-324-9530	
Geotechnical Engineering Firm Name		Geotechnical Engineering Firm Phone	

### Required Special Inspections

Inspection Type	Description
1. Erosion Control - Temporary	
2. Soldier Pile Installation	
3. Tieback Anchor Install & Test	including destressing tieback anchors upon completion of project
4. Shoring Instl/Prfrm Monitoring	shoring deflection monitoring

**Call (206) 684-8860 to schedule a pre-construction conference before the start of construction**