

**From:** James Aronoff <james@canopypdx.com>  
**Sent:** Friday, March 14, 2025 9:57 AM  
**To:** Nick Turrell; Wendy Fan; Jason Karam; Ben Anderson  
**Subject:** Nail Pile adjustment  
**Attachments:** Canby Street - Lot 21 - Slope Stability.pdf; 2025-02-04\_25036 - Canby Site 21 Modifications Drawings R4 (dragged).pdf

Hi

I was discussing with Ben Andersen, and he gave me approval to remove any nail pile, 24ft away from the face of the wall, as long as the structural engineer is ok with it. Attached is an email and calculation showing his approval

Ben Andersen will be the only one inspecting this, so a letter of approval from Ben John will be the only item we need to move this forward

I am projecting we can remove up to 19 nail piles

Can this be arranged?

Thankyou



**Ben Anderson**  
to me ▾

Thu, Mar 13, 3:35 PM (18 hours ago) ☆ ↶ ⋮

James,

I did some calculations. If the structural is ok with it, the portion of the house farther than 24 feet away (horizontally) from the wall face can be supported by conventional shallow foundations instead of the driven piles. There may be about 1/8-inch of differential settlement between the part of the house on piles and the part of the house on conventional shallow foundations.

All the Best,

Ben Anderson, P.E., G.E.  
Associate Geotechnical Engineer



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Portland, Oregon 97224






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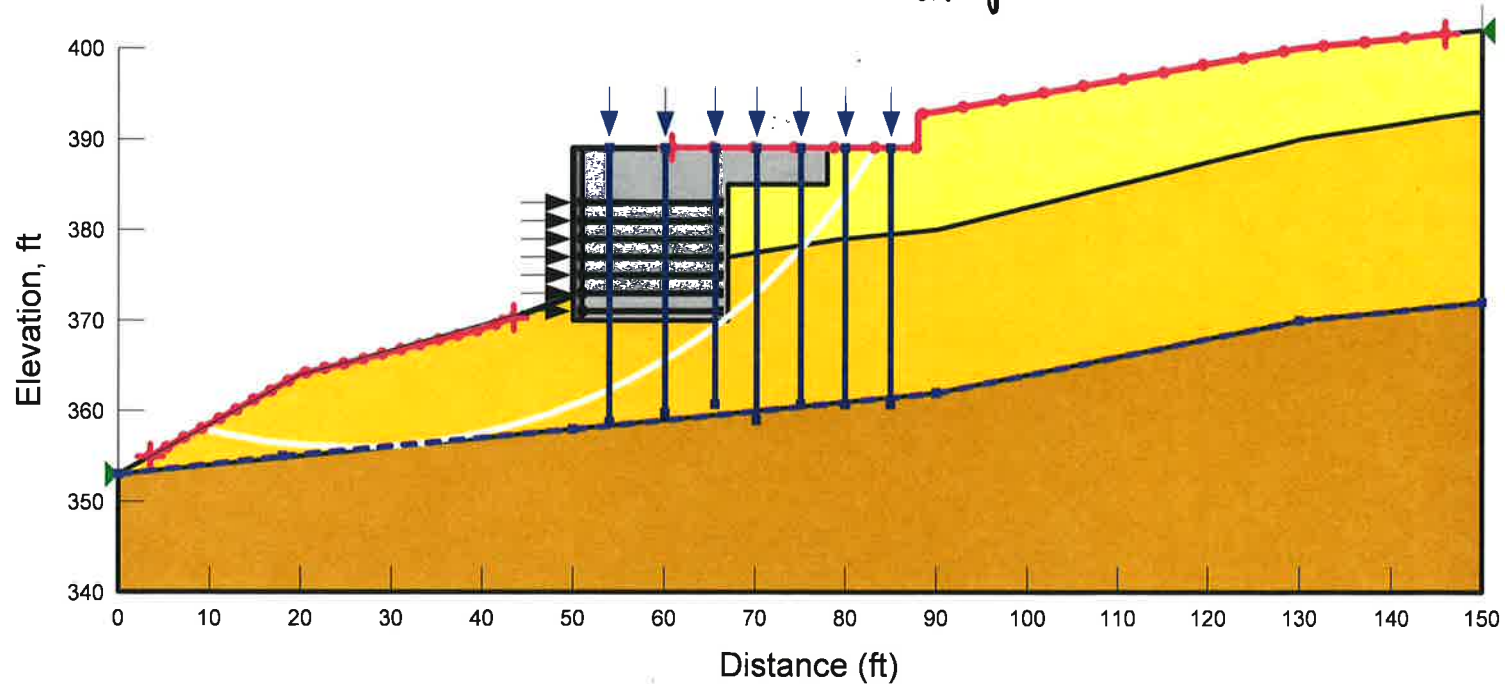
James Aronoff  
Canopy Building Group  
(541) 600-5146  
CanopyPDX.com  
CCB 232358

Method: Spencer  
 Horz Seismic Coef.: 0.24  
 Factor of Safety: 1.1






			(pcf)	(psf)	(°)	
	Crushed Aggregate Fill	Mohr-Coulomb	130	0	36	1
	Engineered Fill	Mohr-Coulomb	120	0	32	1
	Native Clay	Mohr-Coulomb	120	50	32	1
	Rear Footing	High Strength	150			1
	Residual Soil	Mohr-Coulomb	120	200	32	1

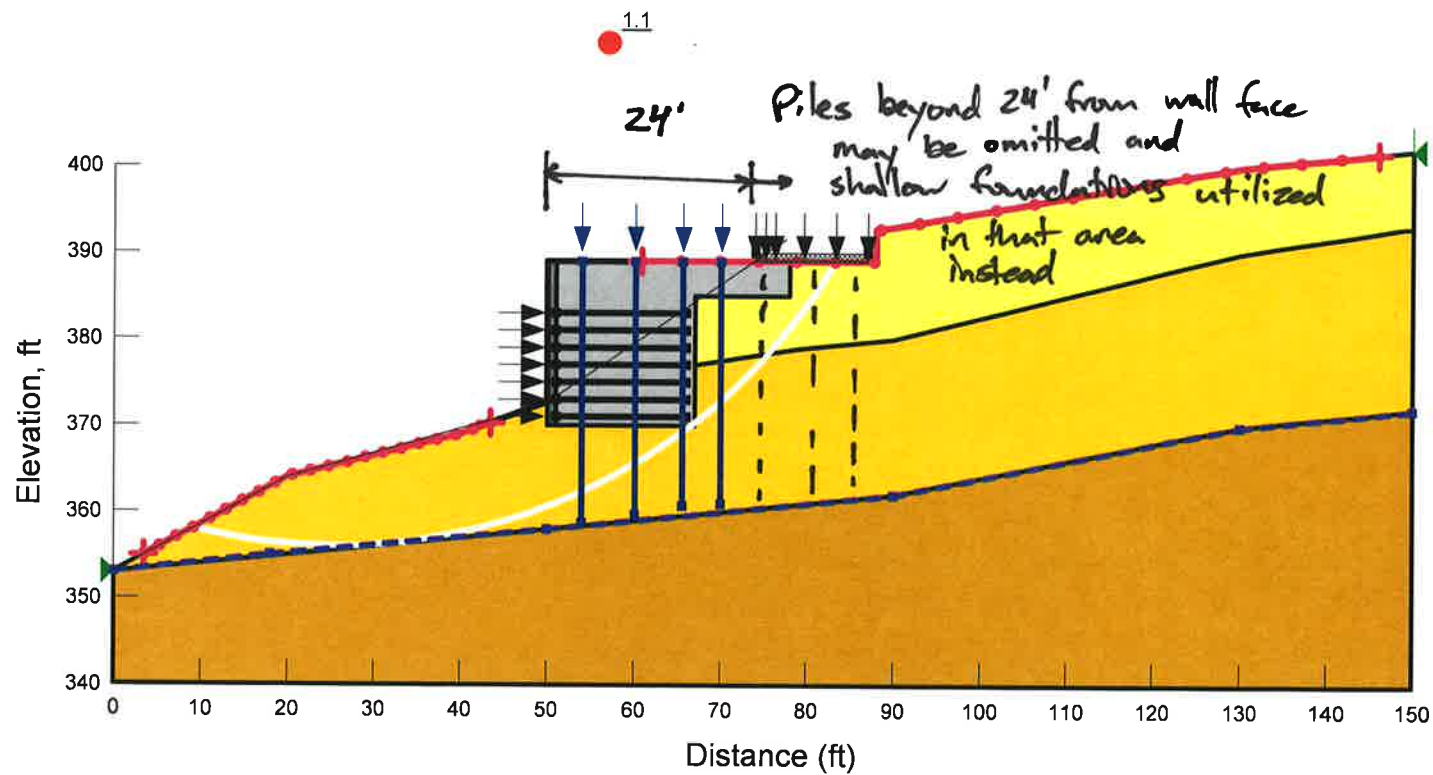
1.1

Current  
 Original recommendation is to  
 support entire foundation on  
 driven piles



Method: Spencer  
 Horz Seismic Coef.: 0.24  
 Factor of Safety: 1.1

			(pcf)	(psf)	(°)	
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**MEMO**

To:	Wendy Fan Process Architecture	From:	Jared Fischer, PE – Principal Waypoint Engineering, Inc.
Project Name:	Canby Site 21	Project Number:	25036
Subject:	Pile Removal Memo	Date:	April 1, 2025

Waypoint Engineering, Inc. was retained by Process Architecture to provide structural engineering design for Canby Site 21. After the initial design with piles supporting the entire perimeter foundation the Geotechnical engineer provided slope stability analysis stating that piles were not required when the supporting element was within 24 feet of adjacent site retaining wall. Waypoint Engineering have provided updated structural drawings dated March 28<sup>th</sup>, 2025 with the piles removed. Based on our engineering judgement and professional opinion, removing the piles at the location stated above will not hinder the structural integrity.

If you have any questions regarding our memo, please do not hesitate to call.

Attachments: None



## Life Safety Checksheet Response

Permit #: 24-045962-REV-01-RS

**Date: 03/28/2025**

**Customer name and phone number:** WENDY FAN, 503.516.6612

*Note:* In the spaces below, please provide specific information concerning the changes that you have made in response to the checklist. Note the checklist item number, your response or a description of the revision, and the location of the change on the plans (i.e. page number and/or detail number). Use as many lines as needed. *If the item is not in response to a checklist, write “**Applicant**” in the column labeled “Checksheet item number.”*

[illegible]



## City of Portland, Oregon - Portland Permitting & Development

1900 SW Fourth Avenue • Portland, Oregon 97201 | 503-823-7300 | [www.portland.gov/ppd](http://www.portland.gov/ppd)

# Permit Revision Submittal Requirements and Application

A Permit Revision is required when there are proposed changes to the project after the permit has been issued. This may arise due to discrepancies between the city-approved permit drawings and actual field conditions, or the customer has changed their mind about an aspect of the project. In all cases, a revision to the existing permit must be submitted, reviewed and approved.

### Minimum Submittal Requirements (check all boxes and sign below):

- ☐ A copy of this application.
- ☐ One PDF copy of plans for electronic submittals or three copies for paper submittals.
- ☐ All plans must clearly reflect the proposed change(s). Changes must be bubbled.
- ☐ Drawings and calculations must be stamped and signed by the Architect and/or the Engineer of Record, if applicable.
- ☐ Project narrative for extensive revisions.
- ☐ One PDF copy of calculations and other supporting documents for electronic submittals or two copies for paper submittals.
- ☐ Copy of Inspector's correction notice, if the revision is due to an inspection correction. One PDF copy for electronic submittals and two copies for paper submittals.

### Applicant Information:

Applicant Name \_\_\_\_\_

Street Address \_\_\_\_\_ City/State/ZIP \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

Value of Proposed Revision \_\_\_\_\_ Issued Permit # \_\_\_\_\_

Job Site Address \_\_\_\_\_ City/State/ZIP \_\_\_\_\_

Description of Revision \_\_\_\_\_

Applicant Signature WENDY FAN Date \_\_\_\_\_

### Fees:

An invoice with permit fees will be sent to the applicant once minimum submittal requirements have been verified. Permit Revisions are subject to fees associated with plan review, processing and any increase in project value.

Portland Permitting & Development fee schedule is on the website: [www.portland.gov/ppd/current-fee-schedules](http://www.portland.gov/ppd/current-fee-schedules)

### Contact:

Portland Permitting & Development | City of Portland, Oregon  
 1900 SW 4th Avenue, Portland, OR 97201  
 Phone: 503-823-7300 or visit [www.portland.gov/ppd](http://www.portland.gov/ppd)