

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Tuesday, June 27, 2017 2:45 PM
To: 'Bob Clark-Riddell'
Cc: Jake Wilson
Subject: RE: 51st & Broadway Excavation

Bob and Jake,

Thanks for info. At this point it appears appropriate to use the information you attached in a report to support your thinking that no further lateral sampling is required, provided you are in agreement. Unless I'm missing something, from what I can determine, and you should verify, the block wall foundation will be 36-inches below grade, but that it will be founded on 5 feet of imported fill. Should there be a need for confirmation samples to the east, I would guess that they might be "needed" at the base of the five feet of fill, unless that's below the depth of impacted soil removal already done.

Hope that helps.

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org

PDF Copies of case files can be downloaded at:
<http://www.acgov.org/aceh/lop/ust.htm>

From: Bob Clark-Riddell [mailto:briddell@pangeaenv.com]
Sent: Tuesday, June 27, 2017 9:37 AM
To: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Cc: Jake Wilson <jwilson@pangeaenv.com>
Subject: Fwd: 51st & Broadway Excavation

Mark,

See attached info and below about why sidewall sampling probably not necessary to address your concern east of the site. 5 ft of imported soil planned east of the wall, and will provide soil import documentation.

Sent from my iPhone

Begin forwarded message:

From: "Jackson Buck" <Jackson@srmdevelopment.com>
To: "Bob Clark-Riddell" <briddell@pangeaenv.com>, "Trevor Ashenbrener" <Trevor@srmdevelopment.com>
Cc: "Danielle Reyes" <Danielle@srmdevelopment.com>, "Jake Wilson" <jwilson@pangeaenv.com>, "Mark A. Staake" <Mstaake@srmdevelopment.com>
Subject: RE: 51st & Broadway Excavation

Bob,

Please see my comments below and on the attached.

Jackson Buck, Project Superintendent
SRM Construction, Inc.
C 206-914-0355

From: Bob Clark-Riddell [<mailto:briddell@pangeaenv.com>]
Sent: Tuesday, June 27, 2017 3:27 AM
To: Trevor Ashenbrener
Cc: Danielle Reyes; Jake Wilson; Jackson Buck; Mark A. Staake
Subject: Re: 51st & Broadway Excavation

Trevor,

County wants to know about site use across the block wall adjacent TH properties. Your info is not clear why kids could not have access to area.

Does the block wall extend below grade? **Yes it does. The top of footing will be 36" below grade.**

Area will does or will have imported soil? to what depth? **The foundation and wall will be backfilled on both sides with approximately 5'-0" of imported soil.**

Will the grading just west of the wall encounter any native soil in upper 3 ft? Or will encounter imported soil? **The only place where the finish grade on the West side will be less than 36" above the existing grade is on the North and South PL's (against the sidewalk to the North and the Neighbors fence to the South).**

Have records for imported soil? **Import has not taken place yet but yes, we can provide doc's.**

Gas meters will be installed here? **Yes. The taller portion of the wall in the attached represents the location of the gas meters.**

Is this a service area where residents will not have access? **Residents of the Town Homes will not be intended to have access however this area is not presently designed to be fenced in. The isn't any provision at the moment to keep the public out of this area.**

Not above ground planters, correct? **Correct.**

Sent from my iPhone

On Jun 27, 2017, at 12:27 AM, Trevor Ashenbrener <Trevor@srmdevelopment.com> wrote:

Bob,

The area highlighted gets is on the opposite side of a block wall and is the area that houses all of the gas meters for the main building. It is not an area where kids will eat dirt. It gets landscaping import material and is not part of this recent effort to clear the TH's.

Trevor Ashenbrener
SRM Development
Principal - Construction
P 509 455 5477 | C 509 481 1890

From: Danielle Reyes
Sent: Monday, June 26, 2017 6:29 AM
To: 'Bob Clark-Riddell' <briddell@pangeaenv.com>
Cc: Jake Wilson <jwilson@pangeaenv.com>; Jackson Buck <Jackson@srmdevelopment.com>; Mark A. Staake <Mstaake@srmdevelopment.com>; Trevor Ashenbrener <Trevor@srmdevelopment.com>
Subject: RE: 51st & Broadway Excavation

Bob,
The landscaping you highlighted in red is on the other side of the property line fence and belongs to the larger APN. That area is just landscaped at grade adjacent to a surface parking lot. Thursday we were told samples weren't needed. What does that property have to do with the townhouses now?

Danielle Reyes
SRM Construction, Inc.
425 629 4431

From: Bob Clark-Riddell [<mailto:briddell@pangeaenv.com>]
Sent: Friday, June 23, 2017 3:35 PM
To: Danielle Reyes <Danielle@srmdevelopment.com>
Cc: Jake Wilson <jwilson@pangeaenv.com>
Subject: Fwd: 51st & Broadway Excavation

Danielle,

Do I recall correctly that the landscaping east of the Desmond property is 'above ground' planters? If so, Mark may not need sidewall samples along the eastern boundary per his email below.

Please explain to me and Jake what the landscaping plans just east of the Desmond properties. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "Jake Wilson" <jwilson@pangeaenv.com>
To: "Bob Clark-Riddell" <briddell@pangeaenv.com>
Subject: FW: 51st & Broadway Excavation

Bob,

Please read the email below I got from Mark this afternoon. In the second paragraph he discuss the need for further lateral definition of lead if the eastern property boundary is landscaping and not a building. Attached is the design plan (PDF titled "A1.2") which to me shows a

strip of landscaping that borders the Desmond Street development's eastern boundary. I highlighted the area on a figure (figure titled "4901 Broadway...") for clarity.

To me it sounds like we would need to collect a few sidewall samples, but I don't want to engage Mark about this before I get your take.

FYI he calls it the eastern boundary but I believe he means the southeastern boundary, or bottom of the site as shown on the figure.

Jake Wilson

Project Geologist
Pangea Environmental Services, Inc.
1710 Franklin Street, Suite 200
Oakland, CA 94612
(415) 259-8860
jwilson@pangeaenv.com

From: Detterman, Mark, Env. Health
[\[mailto:Mark.Detterman@acgov.org\]](mailto:Mark.Detterman@acgov.org)
Sent: Friday, June 23, 2017 1:45 PM
To: Jake Wilson <jwilson@pangeaenv.com>
Subject: RE: 51st & Broadway Excavation

Hi Jake,
Based on my quick the review it appears that samples with elevated lead concentrations are laterally constrained by other lower samples, as well as to the north and to the south by the property lines of the parcels, and to the east by the new building, and thus additional samples do not appear to be needed. This analysis is based on the understanding that areas in blue and "yellow" will be removed and appropriately managed for offsite disposal.

However, please verify that the "eastern" edge of Figure 4 is the building, rather than landscaping between the subject parcels and the new building. If landscaping, then additional lateral sidewall samples would be appropriate to define the "eastern" lateral extent of impacted soil between the parcels and the building.
Thanks; I'll look forward to your response.

Mark Detterman
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From: Jake Wilson [<mailto:jwilson@pangeaenv.com>]
Sent: Friday, June 23, 2017 10:28 AM
To: Detterman, Mark, Env. Health <Mark.Detterman@acgov.org>
Subject: 51st & Broadway Excavation

Hi Mark,

Per our phone conversation yesterday, you are correct in that the samples taken from the areas not highlighted in blue, light yellow, or gold were taken from what will be the bottom of the excavation once complete.

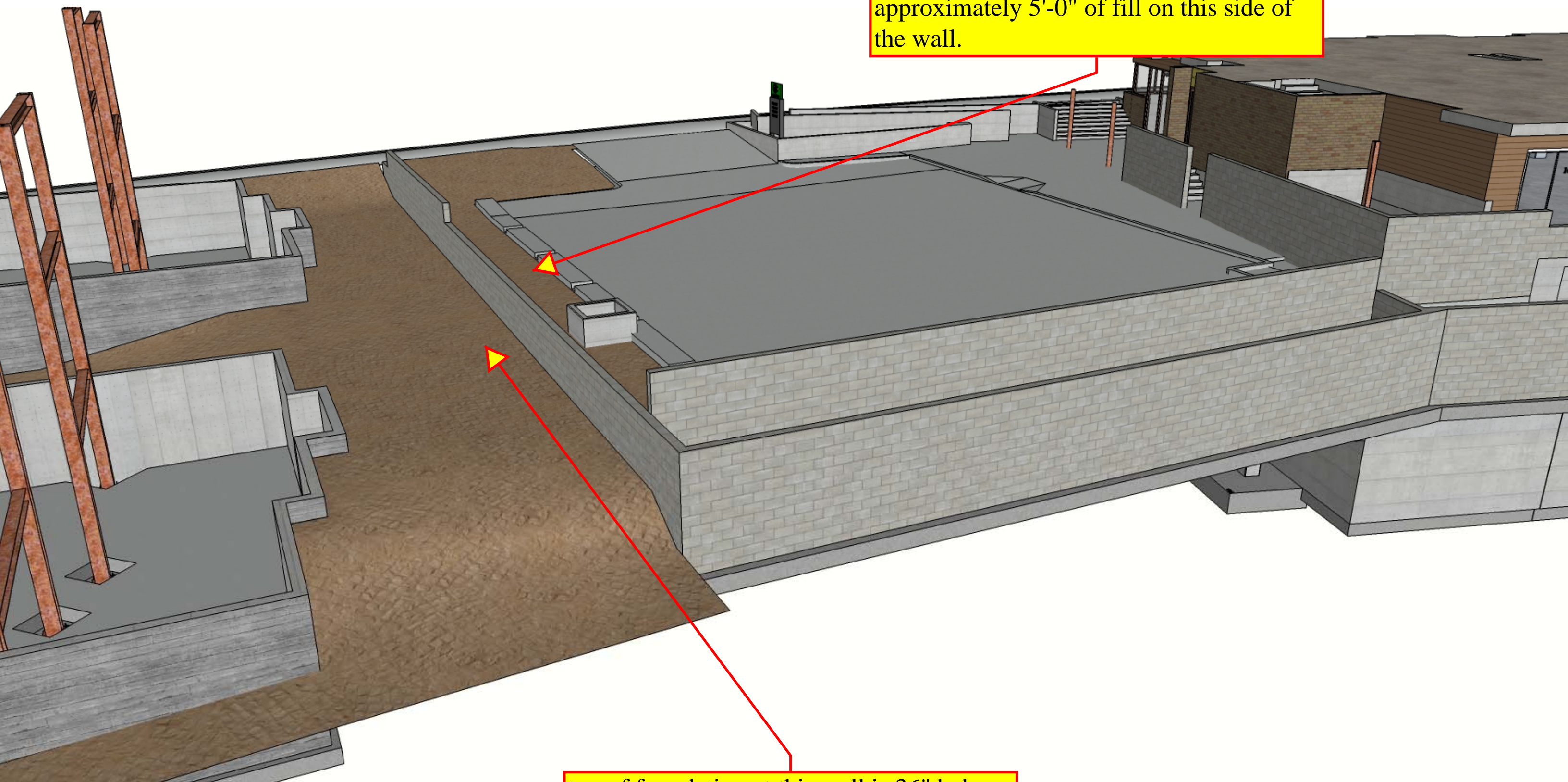
Can you reply with confirmation that we do not need to collect sidewall or bottom sample from the highlighted areas?

Thanks,

Jake Wilson

Project Geologist
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(415) 259-8860
jwilson@pangeaenv.com

Top of grade on the apartment side is 2'-0" to 4'-0" below top of wall. There will be approximately 5'-0" of fill on this side of the wall.



top of foundation at this wall is 36" below grade. Top of wall at the Town House side is 4'-0" to 5'-6" above grade.