

Mylotta, Pamela A - DNR

From: Gabardi, Dawn [Dawn.Gabardi@arcadis-us.com]
Sent: Tuesday, February 12, 2008 1:17 PM
To: Mylotta, Pamela A - DNR
Cc: Bannantine, James
Subject: Getz Vapor Sampling
Attachments: vent details.pdf; vent layout.pdf

Hi Pam,

I spoke with you recently to determine if we can use the existing subslab vent that was installed at the Getz site to collect a vapor sample. We are proposing this vapor sampling work in accordance with Item #4 in your letter to Mr. Norman Getz dated June 30, 2005 (DERF Change Order Approval for Additional Remediation Activities). Per your recent request, I am attaching a couple drawings which show the layout and design of the subslab vent system. The subslab vent piping is all plumbed together, and thence routed through the wall of the building to the exterior. The subslab system was installed within "Excavation 1" (see figures) after we completed excavation activities inside the building, and the piping sits within pea gravel, just beneath the concrete floor slab.

After the interior injection gallery and subslab vent were installed inside the building, the property was sold to a new owner. The new owner renovated the building and poured a new concrete floor, and we worked w/him to ensure the subslab vent remained intact during his renovations. Hence, I do not want to have to go inside the building and drill a hole in the relatively new floor to collect a vapor sample. I would rather collect the vapor sample from the exterior via the existing vent pipe. The vent pipe has a small access port that was installed for periodic vapor monitoring w/an FID. The vent exit point is currently capped off, as we never detected any vapors w/the FID and therefore temporarily capped the piping after 1 1/2 years of venting. However, all of the piping is still intact and easily accessible for vapor collection.

We would propose to collect one vapor sample from the vent pipe w/a summa cannister and submit that sample to a lab for VOC analysis. At this time we believe we can complete the vapor sampling work under the existing budget approved by the WDNR. However, for future reference, we estimate the cost for the vapor sampling will be approximately \$1,500, including coordination, field activities, and subcontractor charges for lab analysis.

We request concurrence from the WDNR to use the existing subslab system as the vapor monitoring collection point. Please contact me if you have any questions.

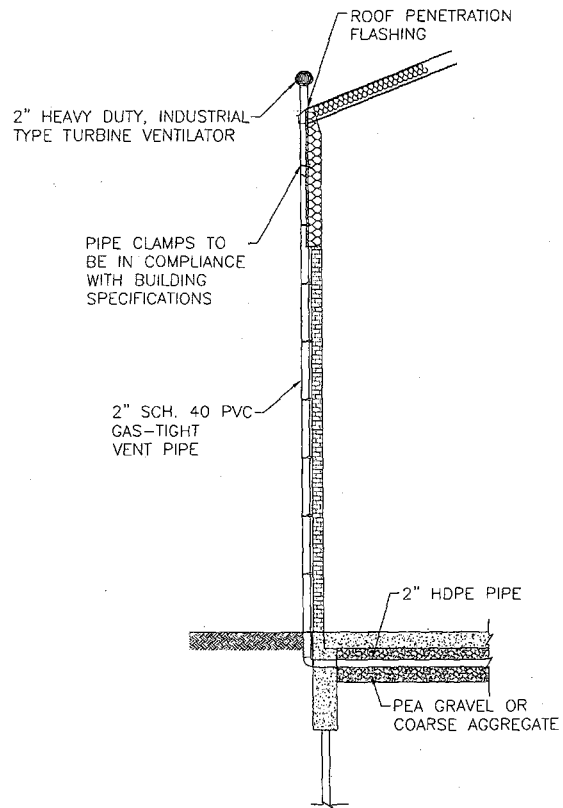
Thank you,

Dawn M. Gabardi
Project Hydrogeologist
ARCADIS

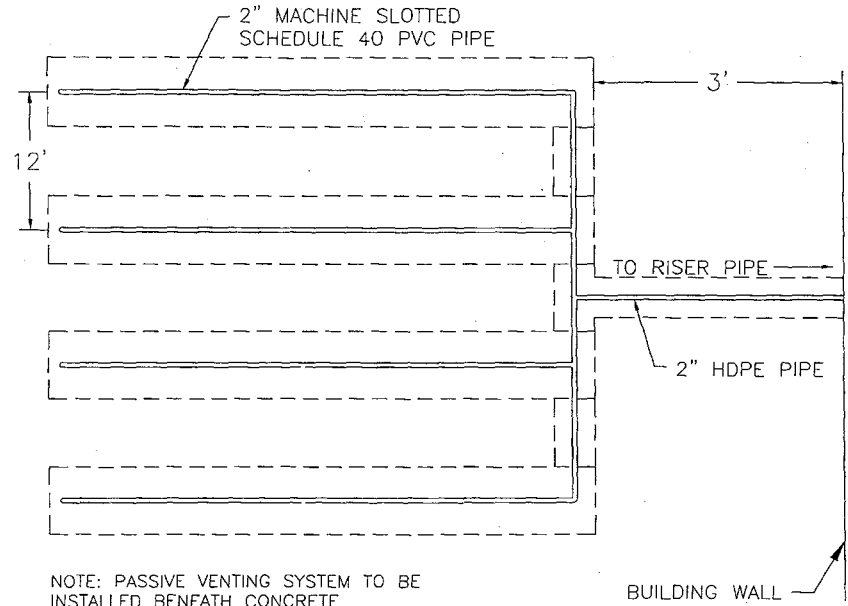
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04/09/2008



PASSIVE VENTING RISER PIPE DETAIL
NOT TO SCALE



NOTE: PASSIVE VENTING SYSTEM TO BE INSTALLED BENEATH CONCRETE

PASSIVE VENTING SYSTEM LAYOUT
NOT TO SCALE



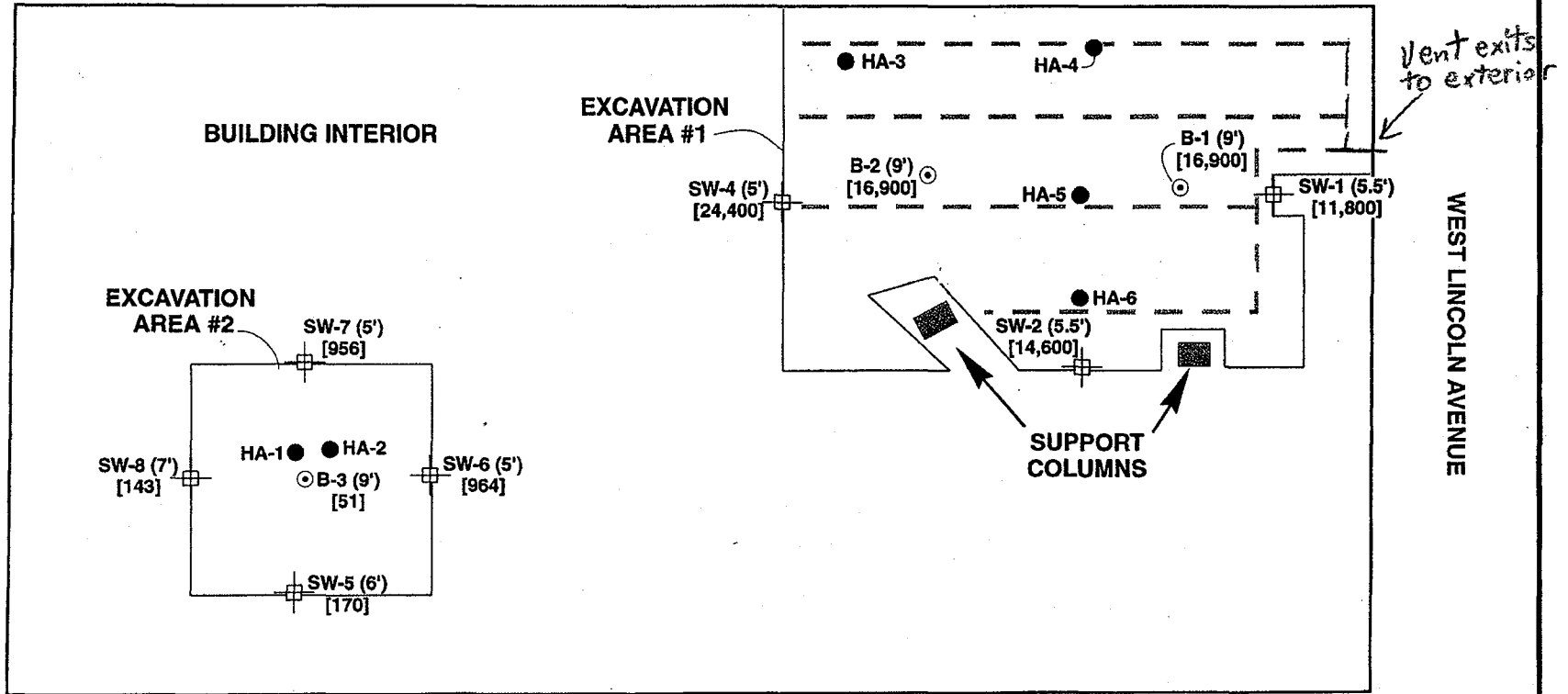
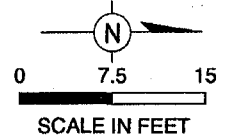
PASSIVE VENTING SYSTEM DETAILS

NORMAN GETZ PROPERTY
6854 WEST BELOIT ROAD
WEST ALLIS, WI

FIGURE

5

SOUTH 69TH STREET



LEGEND

- PRE-REMEDIAL HAND AUGER BORING LOCATION [170] Tetrachloroethene (PCE) Soil Concentration (ug/kg) --- Vent System
 - ⊕ (5') EXCAVATION SIDEWALL SAMPLE (DEPTH)
 - ⊙ (9') EXCAVATION BASE SAMPLE (DEPTH)
- No sidewall sample was collected from west sidewall of Excavation #1 because foundation wall extended to base of excavation.



EXCAVATION SAMPLE LOCATIONS AND POST-REMEDIAL PCE SOIL CONCENTRATIONS

NORMAN GETZ PROPERTY
6854 W. BELOIT ROAD
WEST ALLIS, WISCONSIN

FIGURE

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