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PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

OUTDOOR BACKGROUND

Photograph 9. Outdoor background air sampling at the Living Center, November 2012.



SOIL GAS—PORT INSTALL

Photograph 10. Installed soil gas sampling port outside the Fire Station, November 2012.





PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 11. Installed soil gas sampling port outside the Fire Station, November 2012.



Photograph 12. Installing a soil gas sampling port outside the residence at 304 N 1st Avenue, November 2012.





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PHOTOGRAPHS

Project Name: Former Park Laundry Site

Project Number: 8006.31.03

Location: Ridgefield, WA

Photograph 13. Installed soil gas sampling port outside the residence at 322 N 1st Avenue, November 2012.



SOIL GAS—SAMPLING

Photograph 14. Soil gas sampling setup, November 2012.



PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 15. Soil gas sampling at the Fire Station, November 2012.



SUBSLAB

Photograph 16. Subslab port installed at 305 N Main Avenue, November 2012.

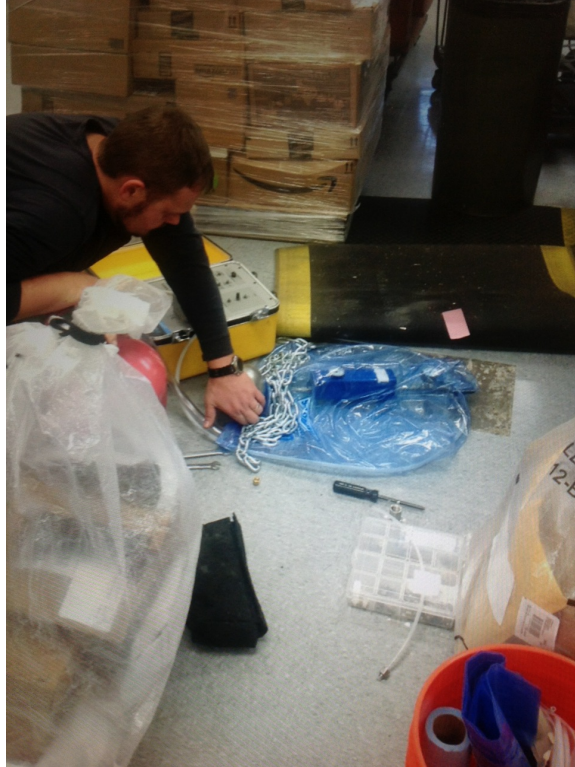




PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 17. Subslab sampling at the Post Office, November 2012.



Photograph 18. Installed subslab port in the interrogation room of the Police Department, November 2012.



PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 19. Subslab sampling setup, November 2012.



Photograph 20. Installed subslab sampling port at the Ridgefield Community Center, July 2013.





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PHOTOGRAPHS

Project Name: Former Park Laundry Site

Project Number: 8006.31.03

Location: Ridgefield, WA

Photograph 21. Foundational cracks in the walls of the basement at 305 N 1st Avenue, July 2013.



Photograph 22. Gap between the first and second foundational slabs in the basement of 305 N 1st Avenue, July 2013.



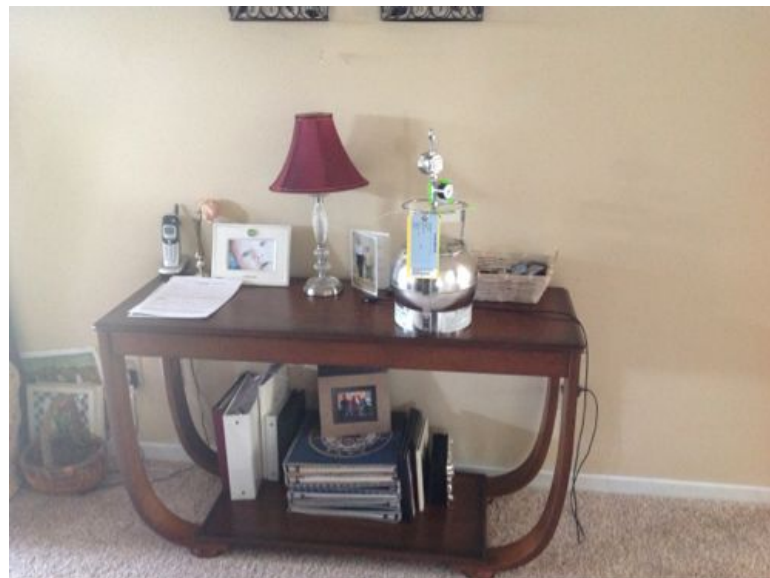


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Photograph 23. Skylights with roof vents in second floor of 305 N 1st Avenue, July 2013.



Photograph 24. Indoor air sampling on the main floor of 305 N 1st Avenue, July 2013.





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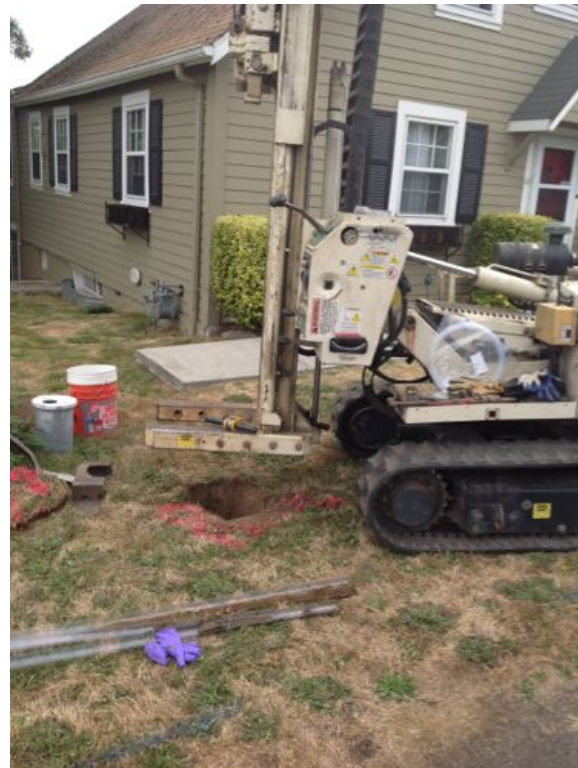
Photograph 25. Subslab sampling at the Community Center, July 2013.

PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA



Photograph 26. Installation of soil gas sampling port at 305 N 1st Avenue, July 2013.





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Photograph 27. Installed soil gas sampling port at 305 N 1st Avenue, July 2013.

PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA



Photograph 28. Soil gas sampling at 304 N 1st Avenue, July 2013.

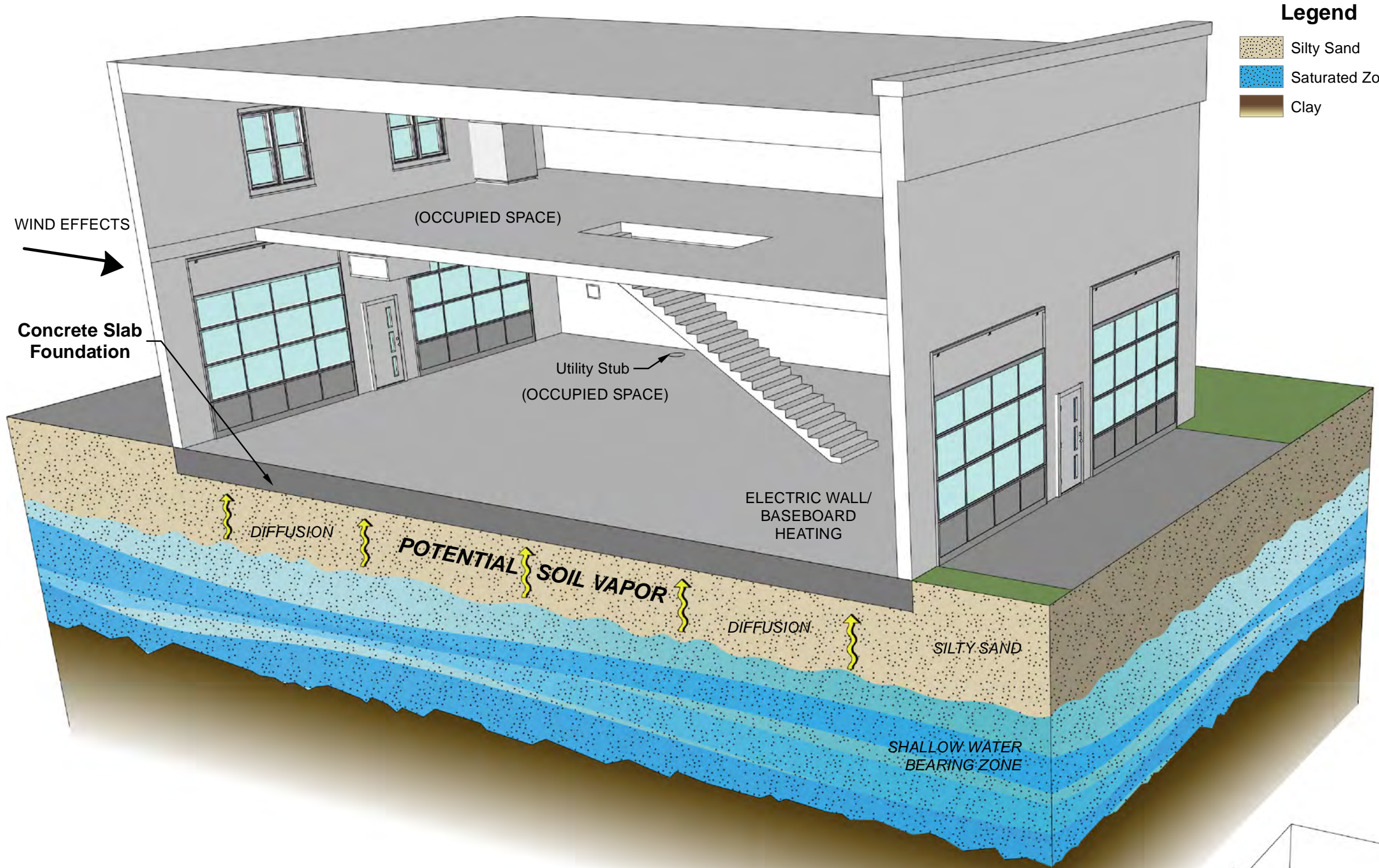


APPENDIX C

CONCEPTUAL SITE MODELS



Path: X:\8006.31\Projects\05 - Vapor Intrusion CSM\Models\Fig_CSM Clark County Fire and Rescue.mxd
 Produced By: J. Schane/C. Riley
 Approved By: M. D'Andrea
 Print Date: 9/17/2013
 Project: 8006.31



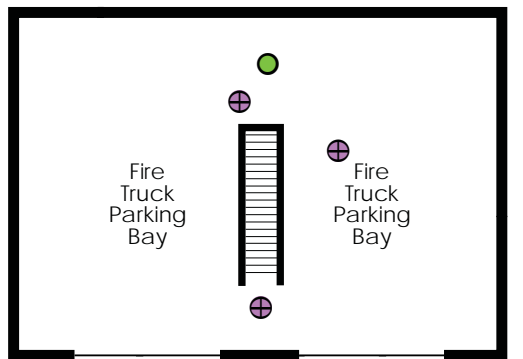
Legend

- Silty Sand
- Saturated Zone
- Clay

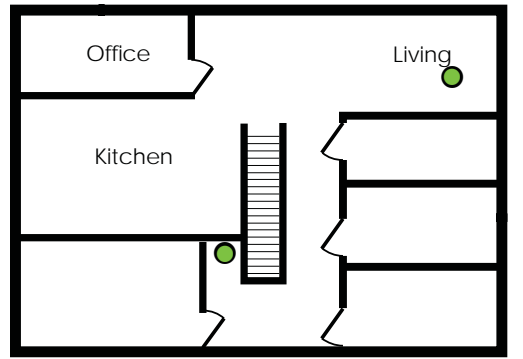
**Conceptual Site Model
 Clark County Fire & Rescue
 Station 24
 117 N 3rd Ave**

Vapor Intrusion Investigation
 Former Park Laundry
 Ridgefield, Washington

**Floorplan
 1st Floor**



2nd Floor



- = Indoor Air Sample Location
- = Subslab Sample Location

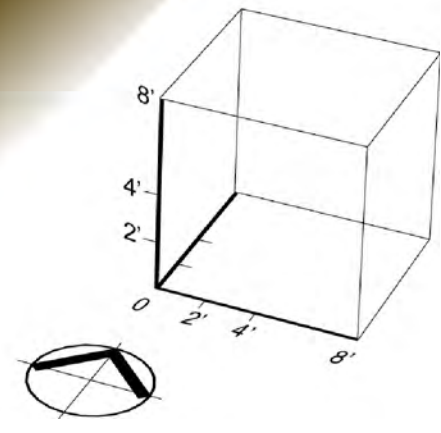
Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

Proximity Monitoring Well Data:

MW01	
PCE Concentration:	8.38 ug/L (April 2012)
	9.67 ug/L (June 2013)
TCE Concentration:	0.087 U ug/L (March 2012)
	0.0870 U ug/L (June 2013)
Depth to Groundwater:	3.11 ft (March 2012)
	6.12 ft (July 2013)

Building Characteristics:

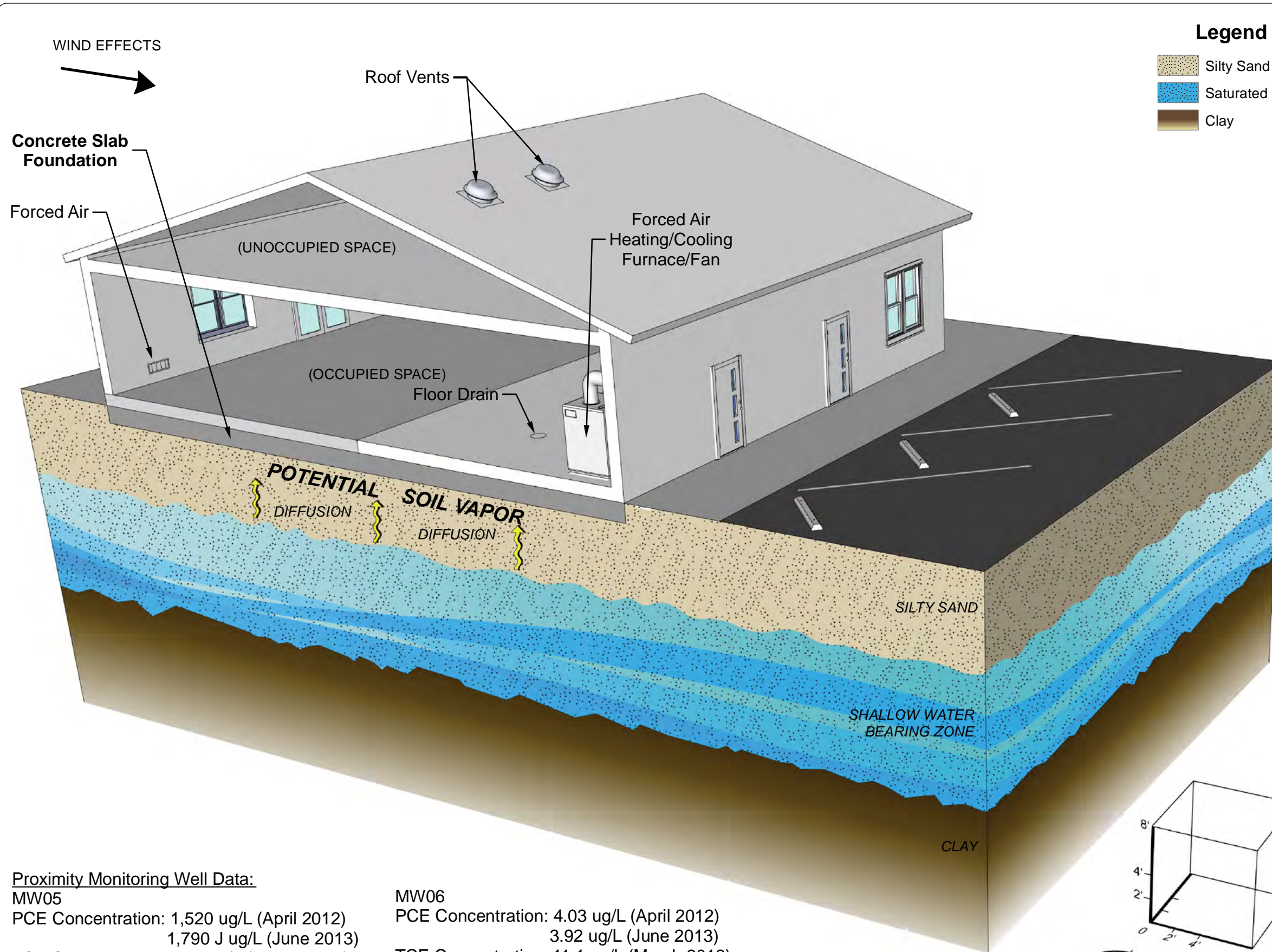
Date of Construction:	1940
Material of Construction:	Concrete
Type of Foundation:	Concrete Slab
Heating System:	Electric Wall/Baseboard
Roof Vents:	No



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Path: X:\8006.31\Projects\05 - Vapor Intrusion\CSMModels\Fig_CSM Community Center.mxd
 Produced By: J. Schane/C. Riley
 Approved By: M. D'Andrea
 Print Date: 9/17/2013
 Project: 8006.31



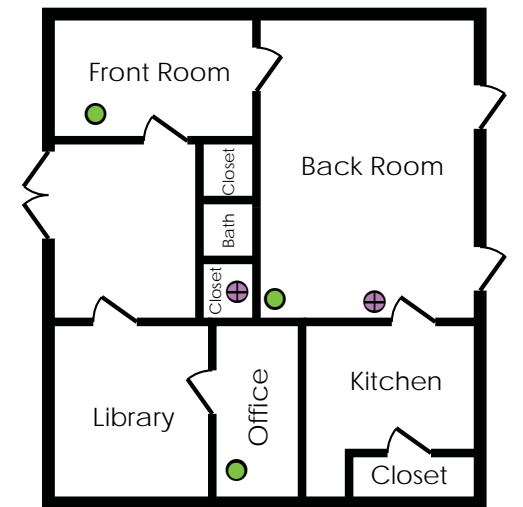
Legend

- Silty Sand
- Saturated Zone
- Clay

**Conceptual Site Model
 Ridgefield Community Center
 210 N Main Ave**

Vapor Intrusion Investigation
 Former Park Laundry
 Ridgefield, Washington

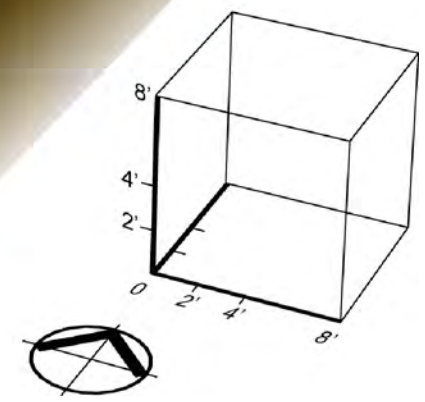
Floorplan



- = Indoor Air Sample Location
- = Subslab Sample Location

Building Characteristics:
 Date of Construction: 1993
 Material of Construction: Wood
 Type of Foundation: Concrete Slab
 Heating System: Forced Air/Heat Pump
 Roof Vents: Yes

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.



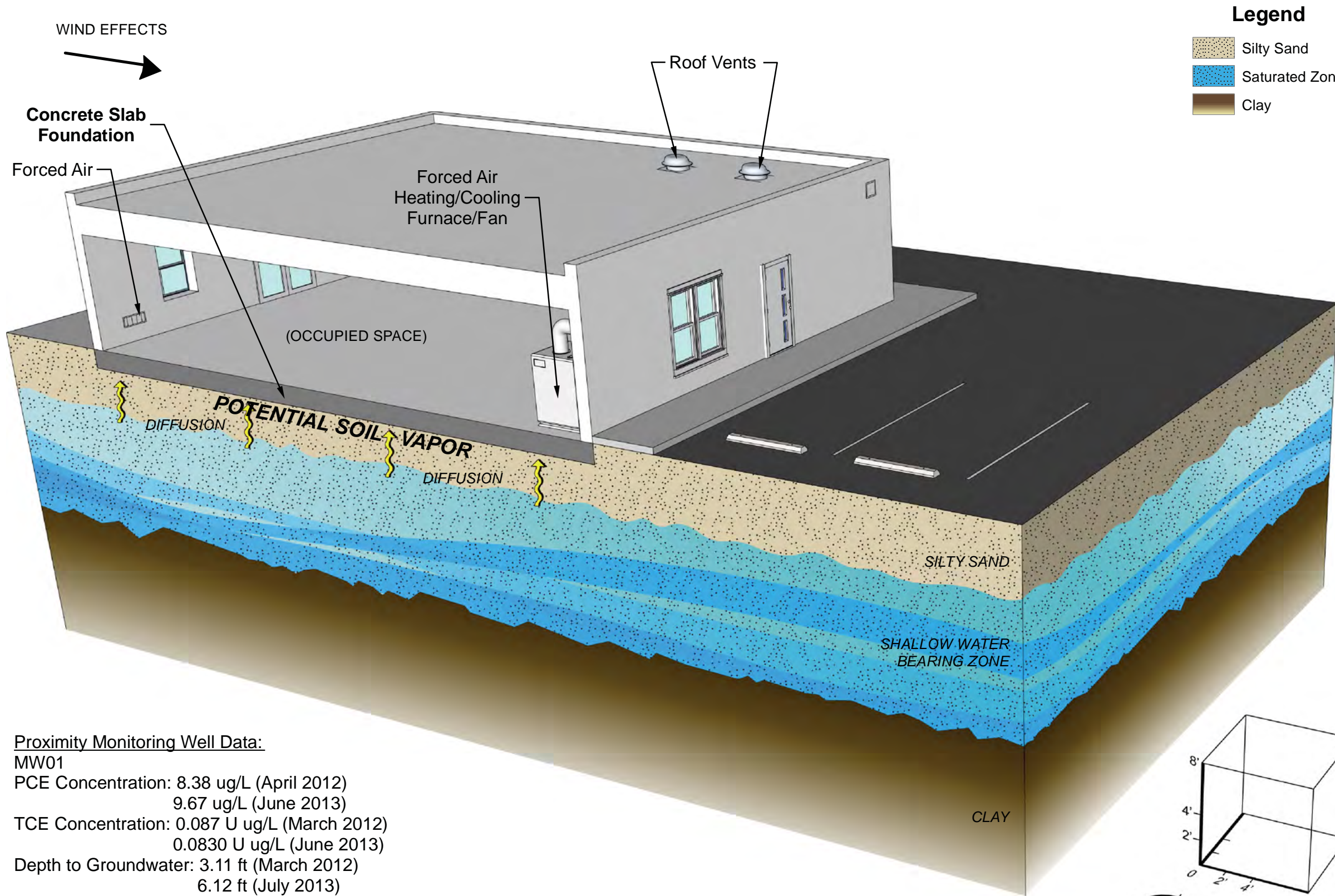
Proximity Monitoring Well Data:

MW05
 PCE Concentration: 1,520 ug/L (April 2012)
 1,790 J ug/L (June 2013)
 TCE Concentration: 2.22 ug/L (March 2012)
 2.7 ug/L (June 2013)
 Depth to Groundwater: 6.19 ft (March 2012)
 8.88 ft (July 2013)

MW06
 PCE Concentration: 4.03 ug/L (April 2012)
 3.92 ug/L (June 2013)
 TCE Concentration: 11.1 ug/L (March 2012)
 6.61 ug/L (June 2013)
 Depth to Groundwater: 7.45 ft (March 2012)
 8.9 ft (July 2013)

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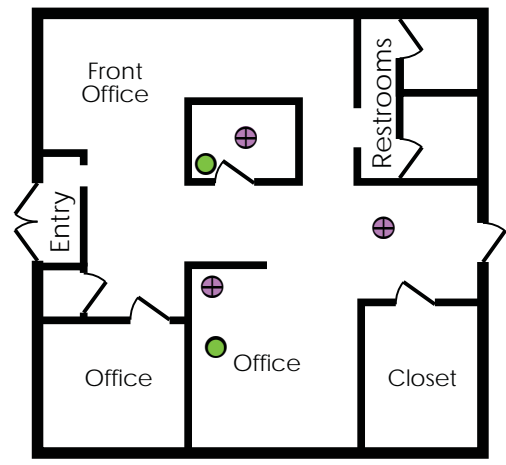
Legend

- Silty Sand
- Saturated Zone
- Clay

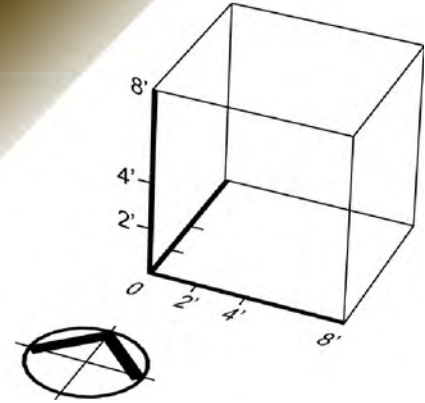
**Conceptual Site Model
Ridgefield Police Department
116 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



= Indoor Air Sample Location
 = Subslab Sample Location



Proximity Monitoring Well Data:

MW01
 PCE Concentration: 8.38 ug/L (April 2012)
 9.67 ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0830 U ug/L (June 2013)
 Depth to Groundwater: 3.11 ft (March 2012)
 6.12 ft (July 2013)

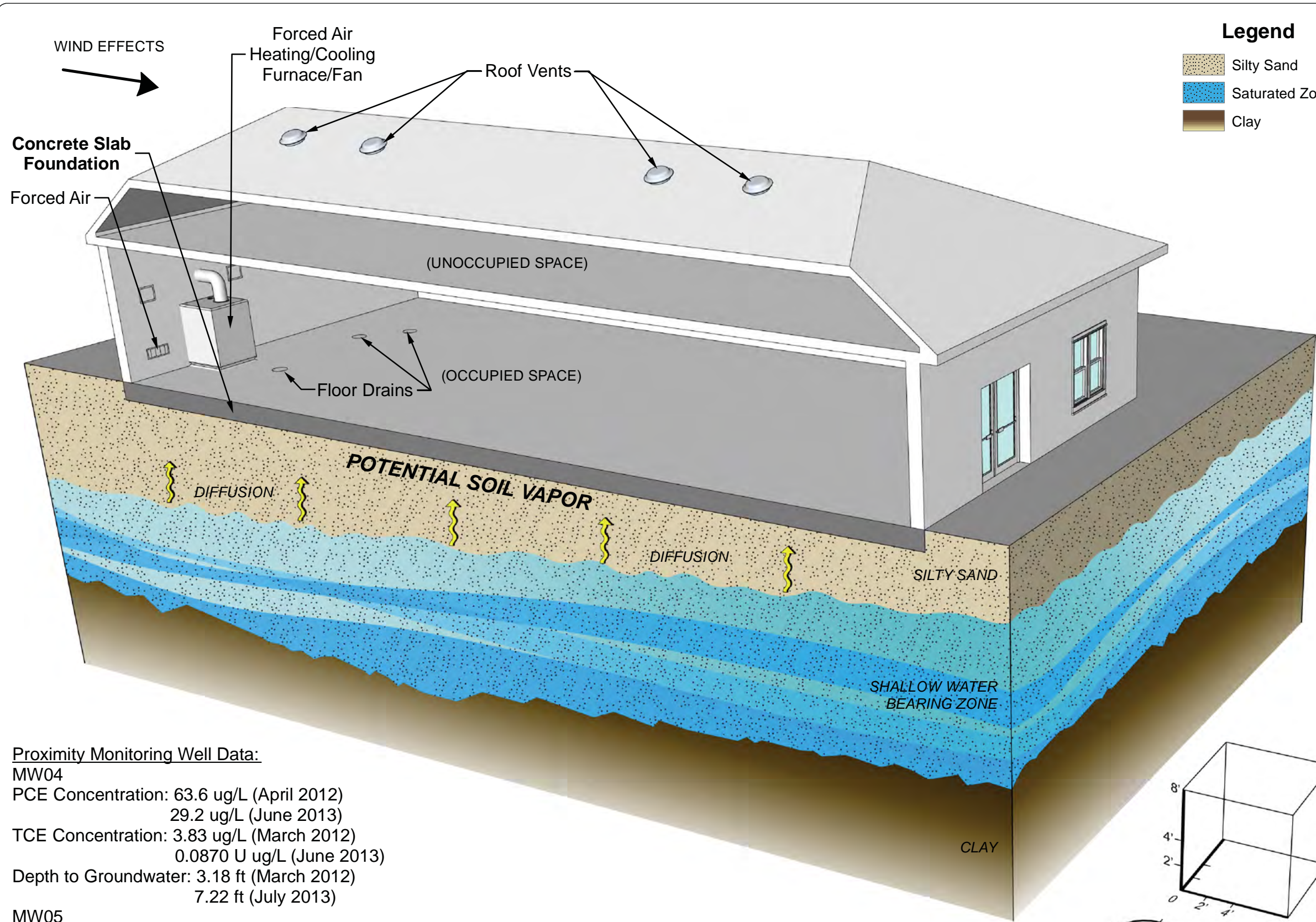
MW02
 PCE Concentration: 0.88 J ug/L (April 2012)
 0.320 J ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 1.6 ft (March 2012)
 7.11 ft (July 2013)

Building Characteristics:
 Date of Construction: 2001
 Material of Construction: Wood
 Type of Foundation: Concrete Slab
 Heating System: Forced Air/Central Air System
 Roof Vents: Yes

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

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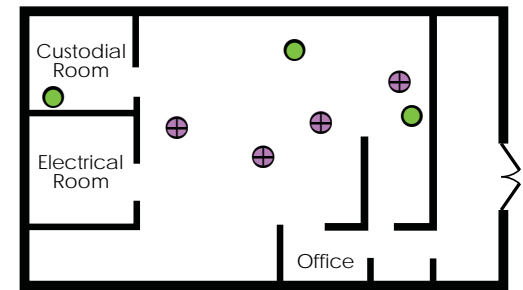
Legend



-  Silty Sand
-  Saturated Zone
-  Clay

**Conceptual Site Model
Ridgefield Post Office
201-205 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



-  = Indoor Air Sample Location
-  = Subslab Sample Location

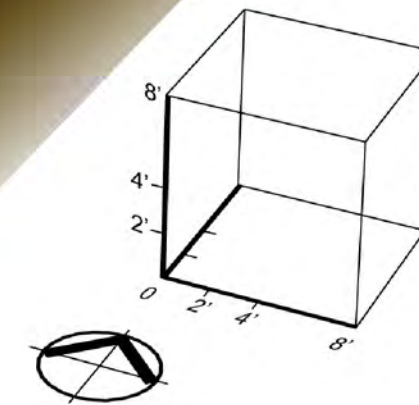
Proximity Monitoring Well Data:

MW04
 PCE Concentration: 63.6 ug/L (April 2012)
 29.2 ug/L (June 2013)
 TCE Concentration: 3.83 ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 3.18 ft (March 2012)
 7.22 ft (July 2013)

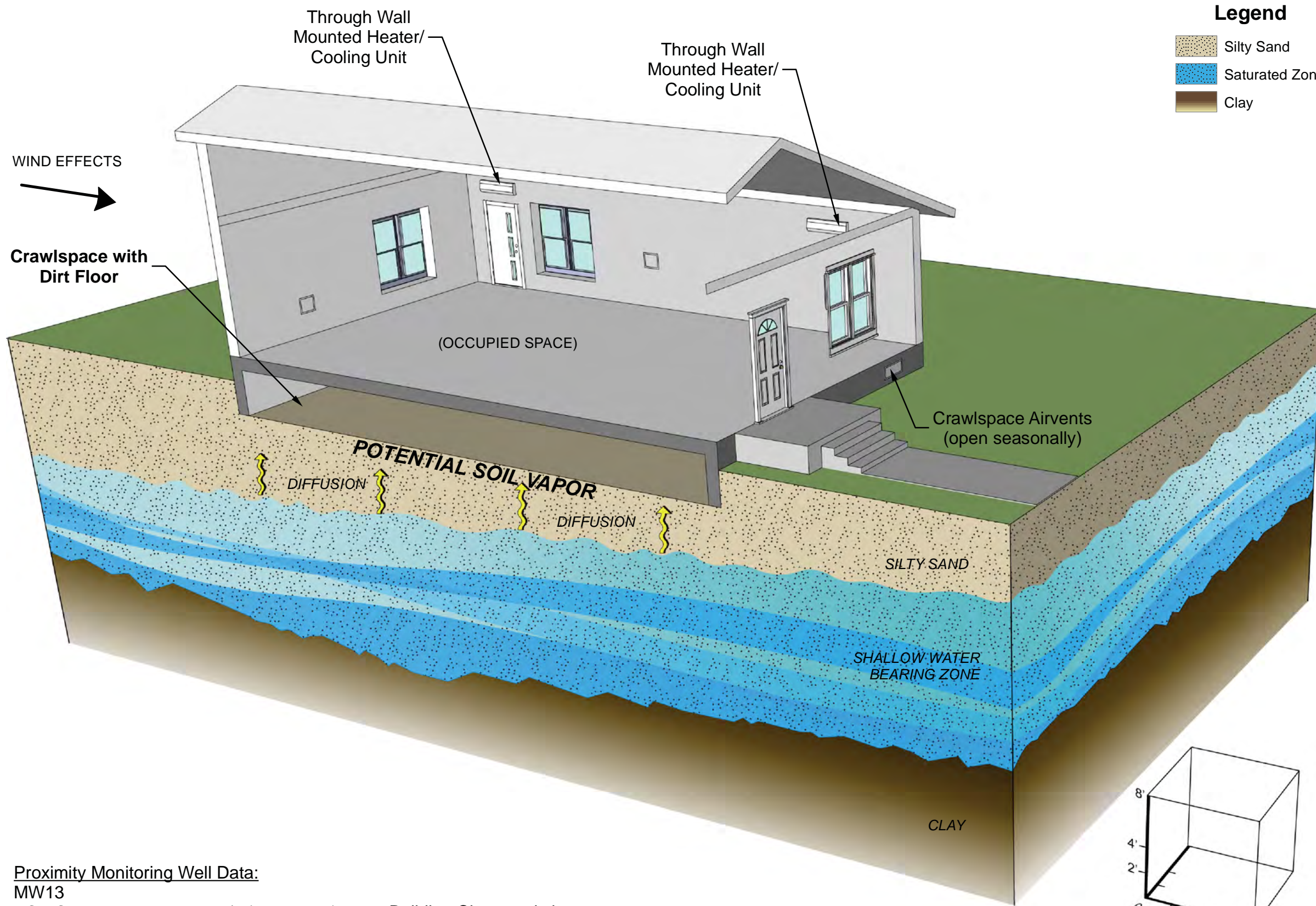
MW05
 PCE Concentration: 1,520 ug/L (April 2012)
 1,790 J ug/L (June 2013)
 TCE Concentration: 2.22 ug/L (March 2012)
 2.70 ug/L (June 2013)
 Depth to Groundwater: 6.19 ft (March 2012)
 8.88 ft (July 2013)

Building Characteristics:

Date of Construction: 1999
 Material of Construction: Wood
 Type of Foundation: Concrete Slab
 Heating System: Forced Air/Central Air Conditioning
 Roof Vents: Yes



Note: Building model is a representation of the actual structure and is approximate in proportion and shape.



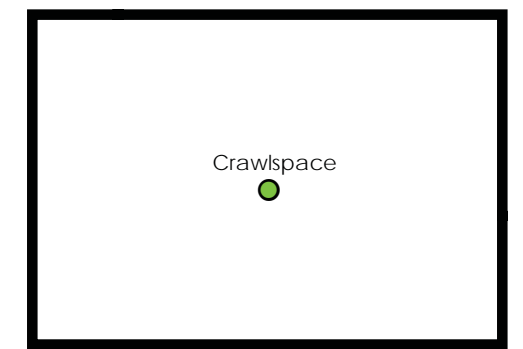
Legend

-  Silty Sand
-  Saturated Zone
-  Clay

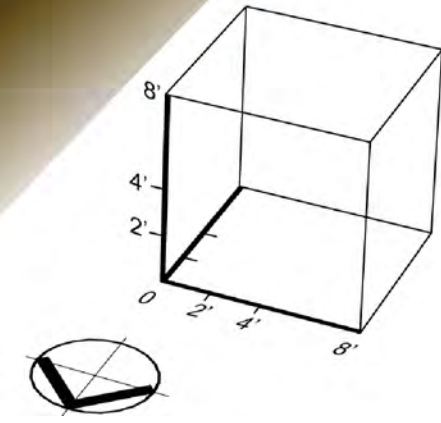
**Conceptual Site Model
Private Residence
304 N 1st Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



● = Indoor Air Sample Location



Proximity Monitoring Well Data:
 MW13
 PCE Concentration: 447 ug/L (April 2012)
 114 ug/L (June 2013)
 TCE Concentration: 65.4 ug/L (March 2012)
 21 ug/L (June 2013)
 Depth to Groundwater: 6 ft (March 2012)
 8.72 ft (July 2013)

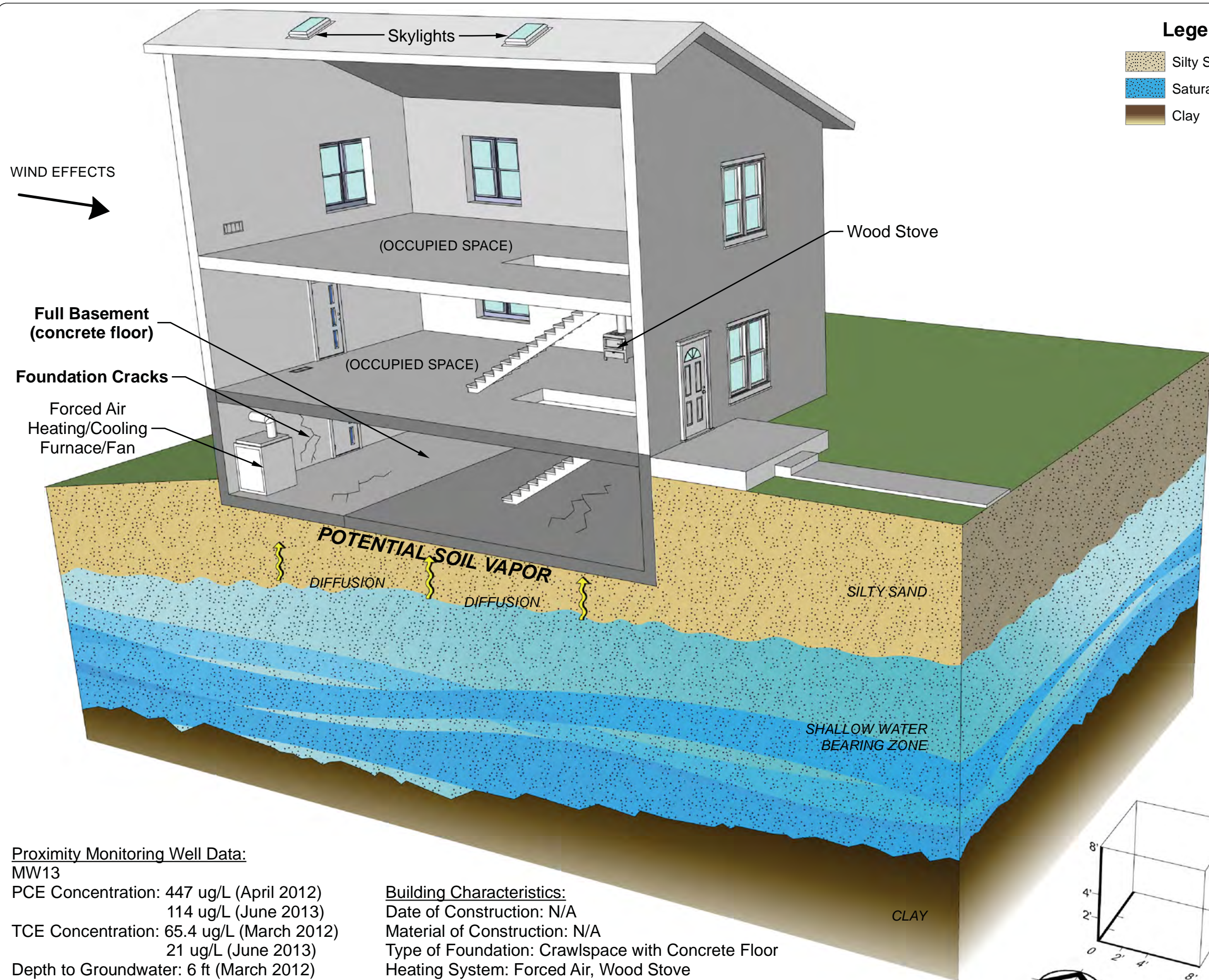
Building Characteristics:
 Date of Construction: 1920
 Material of Construction: Wood
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Electric Wall/Baseboard
 Roof Vents: No

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.






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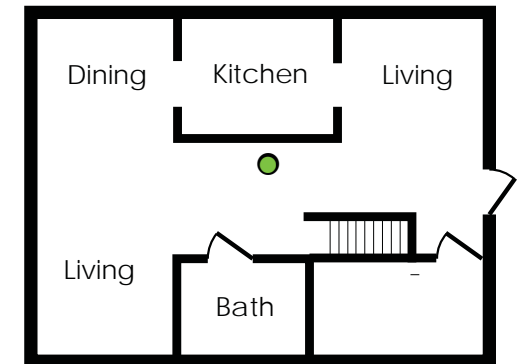
Legend

-  Silty Sand
-  Saturated Zone
-  Clay

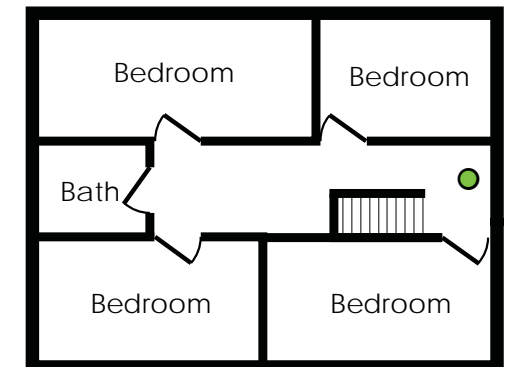
**Conceptual Site Model
Private Residence
305 N 1st Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

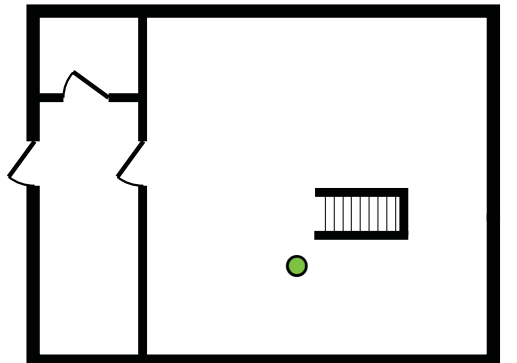
**Floorplan
1st Floor**



2nd Floor



Basement



 = Indoor Air Sample Location

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

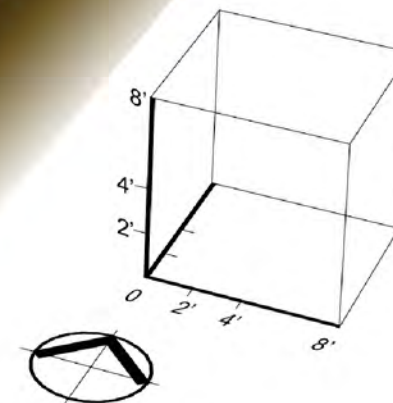
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Proximity Monitoring Well Data:

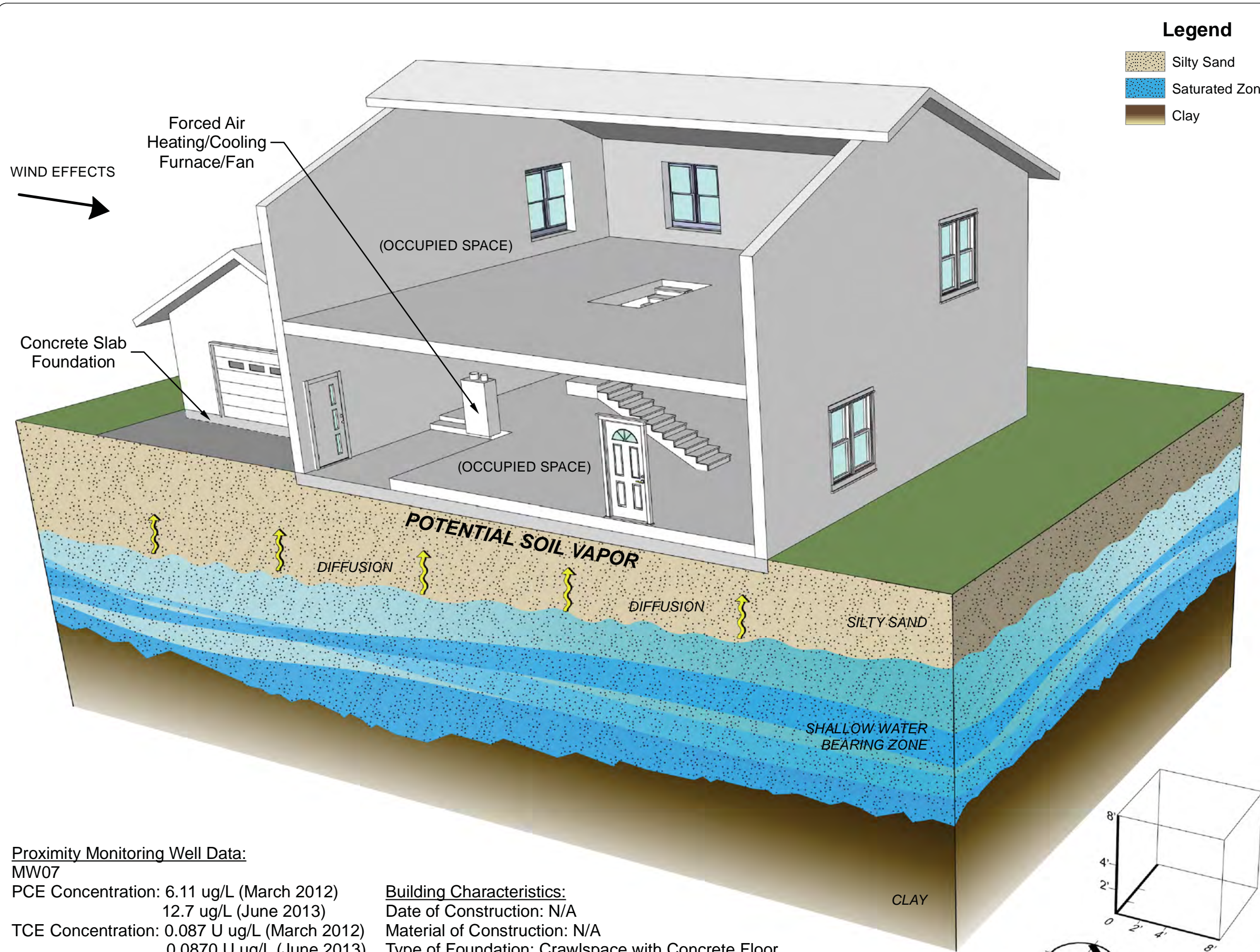
MW13
 PCE Concentration: 447 ug/L (April 2012)
 114 ug/L (June 2013)
 TCE Concentration: 65.4 ug/L (March 2012)
 21 ug/L (June 2013)
 Depth to Groundwater: 6 ft (March 2012)
 8.72 ft (July 2013)

Building Characteristics:

Date of Construction: N/A
 Material of Construction: N/A
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Forced Air, Wood Stove
 Roof Vents: Yes (Skylights can be opened)



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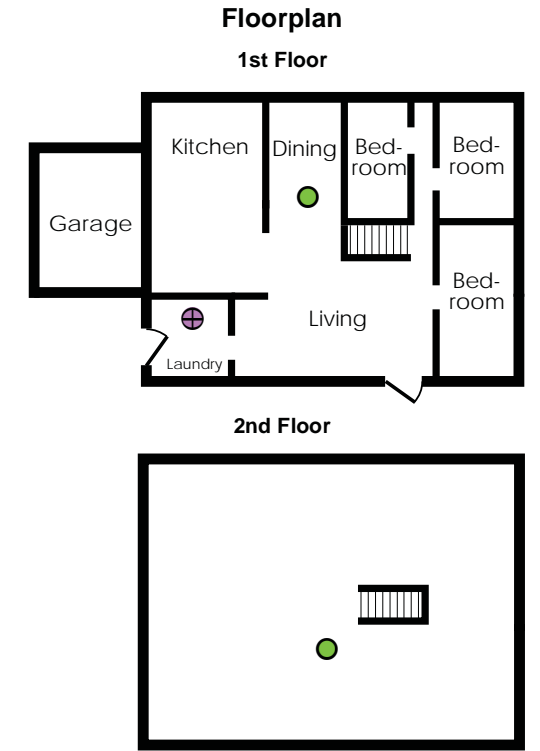


Proximity Monitoring Well Data:
 MW07
 PCE Concentration: 6.11 ug/L (March 2012)
 12.7 ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 8.85 ft (March 2012)
 10.67 ft (July 2013)

Building Characteristics:
 Date of Construction: N/A
 Material of Construction: N/A
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Forced Air, Wood Stove
 Roof Vents: No

**Conceptual Site Model
 Private Residence
 305 N Main Ave**

Vapor Intrusion Investigation
 Former Park Laundry
 Ridgefield, Washington

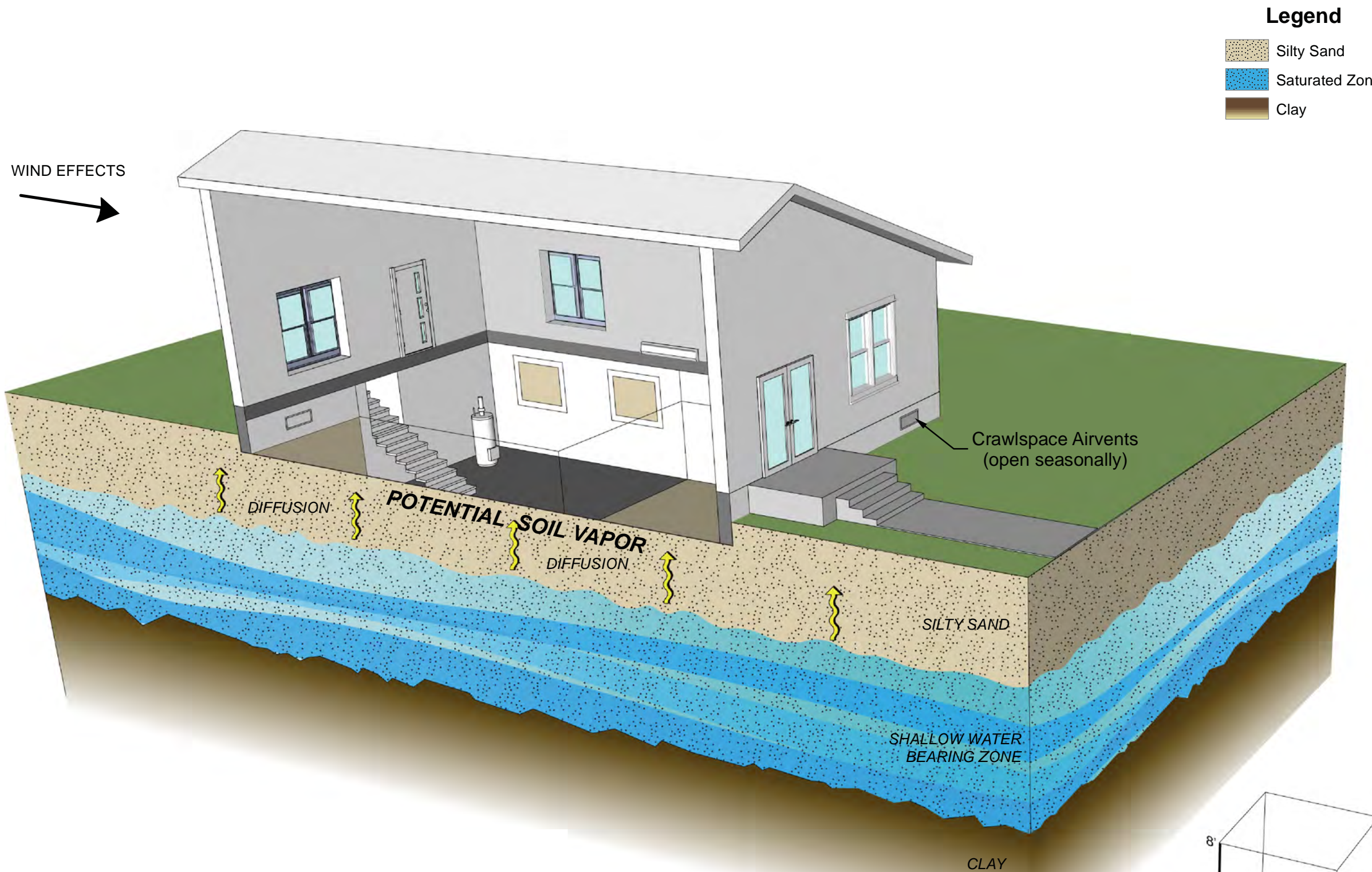


● = Indoor Air Sample Location
 ⊕ = Subslab Sample Location




Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

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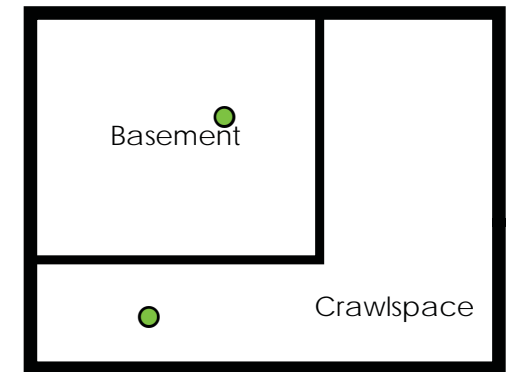
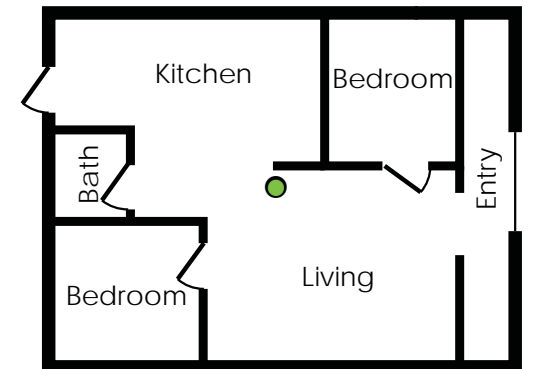
Legend

-  Silty Sand
-  Saturated Zone
-  Clay

**Conceptual Site Model
Private Residence
322 N 1st Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



● = Indoor Air Sample Location

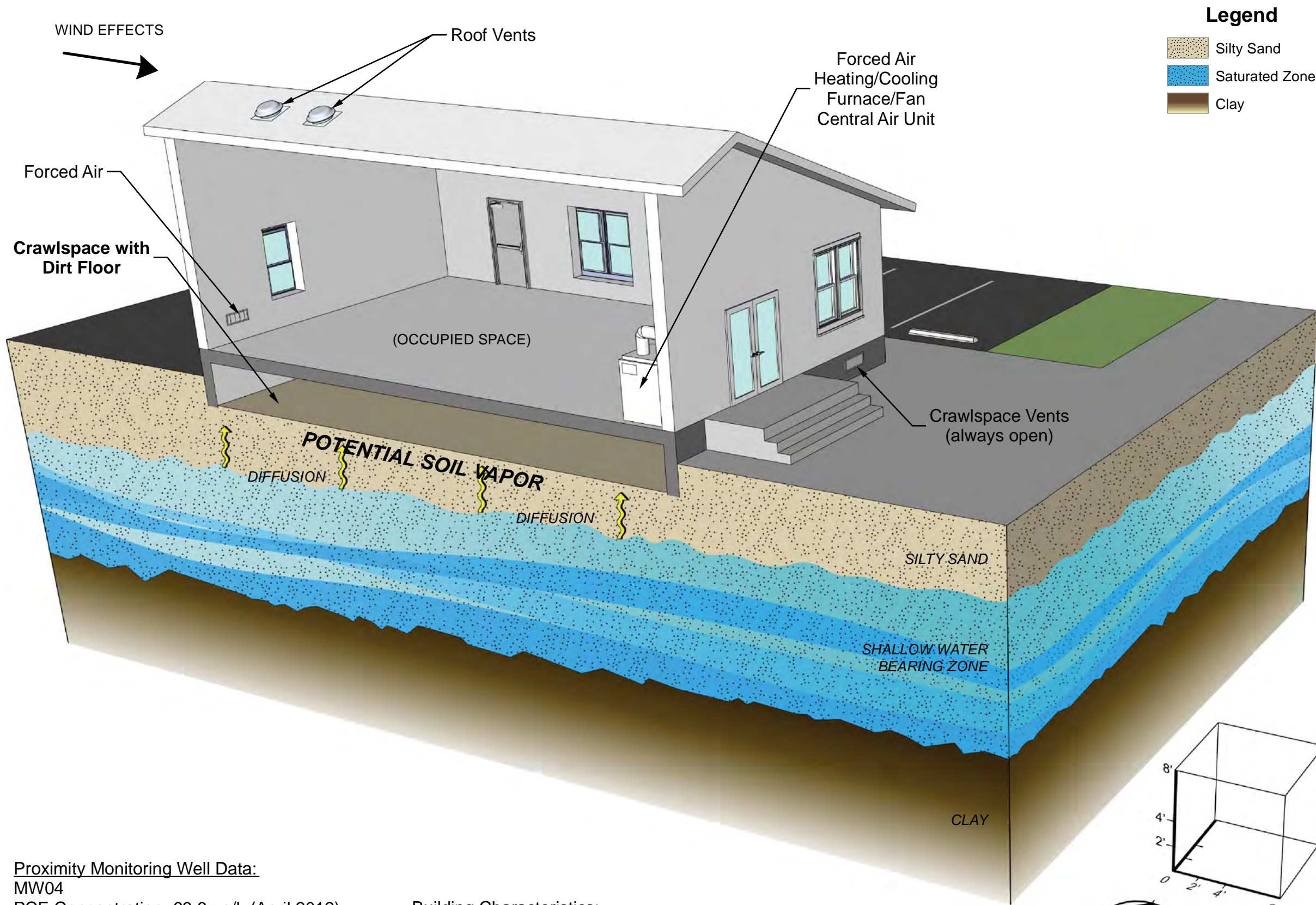
Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

Proximity Monitoring Well Data:

MW11
 PCE Concentration: 32.9 ug/L (March 2012)
 49.8 ug/L (June 2013)
 TCE Concentration: 1.49 ug/L (March 2012)
 3.56 ug/L (June 2013)
 Depth to Groundwater: 9.75 ft (March 2012)
 11.4 ft (July 2013)

Building Characteristics:

Date of Construction: 1920
 Material of Construction: Wood
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Electric Wall/Baseboard
 Roof Vents: No



Proximity Monitoring Well Data:

MW04
 PCE Concentration: 63.6 ug/L (April 2012)
 29.2 ug/L (June 2013)
 TCE Concentration: 3.83 ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 3.18 ft (March 2012)
 7.22 ft (July 2013)

Building Characteristics:

Date of Construction: N/A
 Material of Construction: Wood
 Type of Foundation: Crawlspace with Dirt Floor
 Heating System: Forced Air/Central Air System
 Roof Vents: Yes

Legend

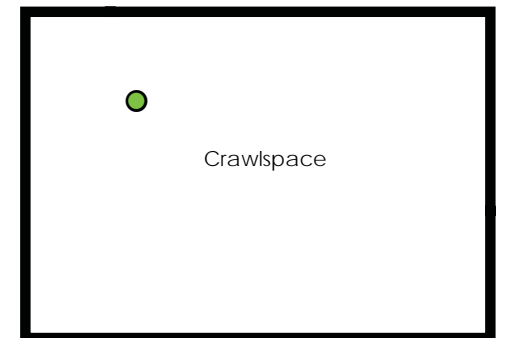
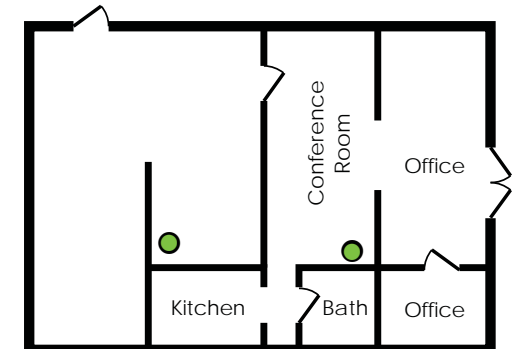
- Silty Sand
- Saturated Zone
- Clay

**Conceptual Site Model
Sales Office**

127 N Main Ave

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan

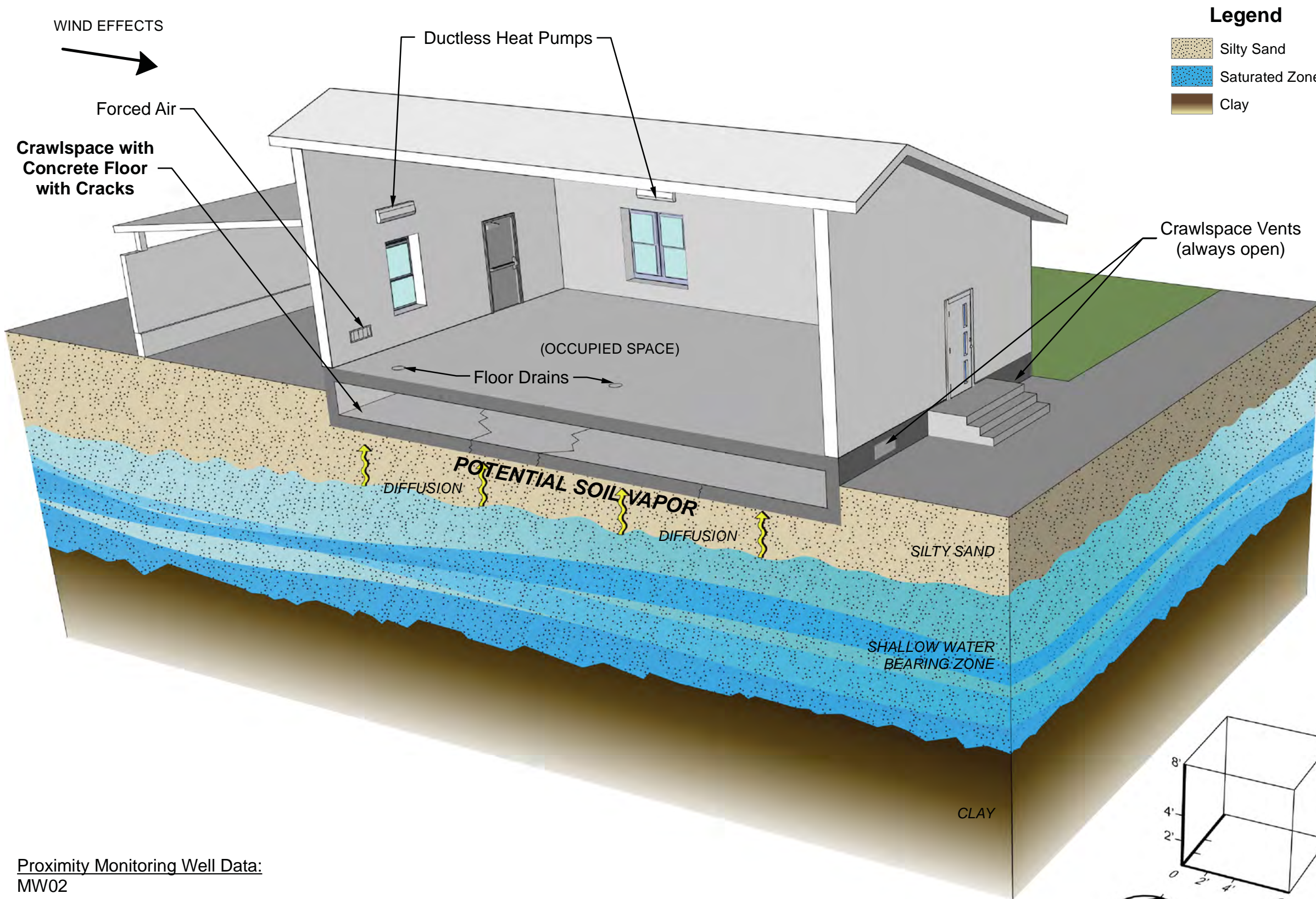


= Indoor Air Sample Location

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

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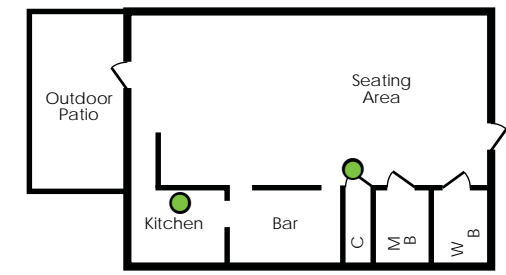
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**Conceptual Site Model
Sportsman Bar & Grill
121 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

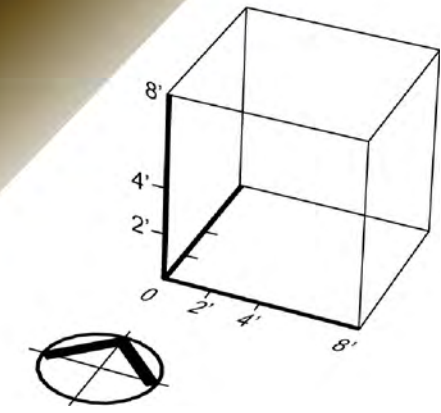
Floorplan



● = Indoor Air Sample Location

Proximity Monitoring Well Data:
 MW02
 PCE Concentration: 0.88 J ug/L (April 2012)
 9.67 ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 1.6 ft (March 2012)
 7.11 ft (July 2013)

Building Characteristics:
 Date of Construction: 1920's
 Material of Construction: Wood
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Forced Air/Central Air
 Roof Vents: Yes



Note: Building model is a representation of the actual structure and is approximate in proportion and shape.