Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 2

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Active) Date Installed: Apr 26, 2022

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☒ Fan #1 Operating	☒ Fan #2 Operating	☒ Fan #3 Operating
Fan Model No(s):	GBR 76 SOE	GBR 76 SOE	GBR 76 SOE
Fan Serial No(s):	2133	2060	2132
Final U-Tube Levels:	5.4 in wc	5.3 in wc	5.5 in wc

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction. Passive SSDS installation completed on May 14, 2021. SSDS activated on April 26, 2022.

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: Dwyer Handheld Digital

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
Bldg 2 Vapor Pin	-3.25 inches w.c.	See Sketch	☒
			☐
			☐
			☐
			☐

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

NORTH

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 3

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions

Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: May 12, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: _____ Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

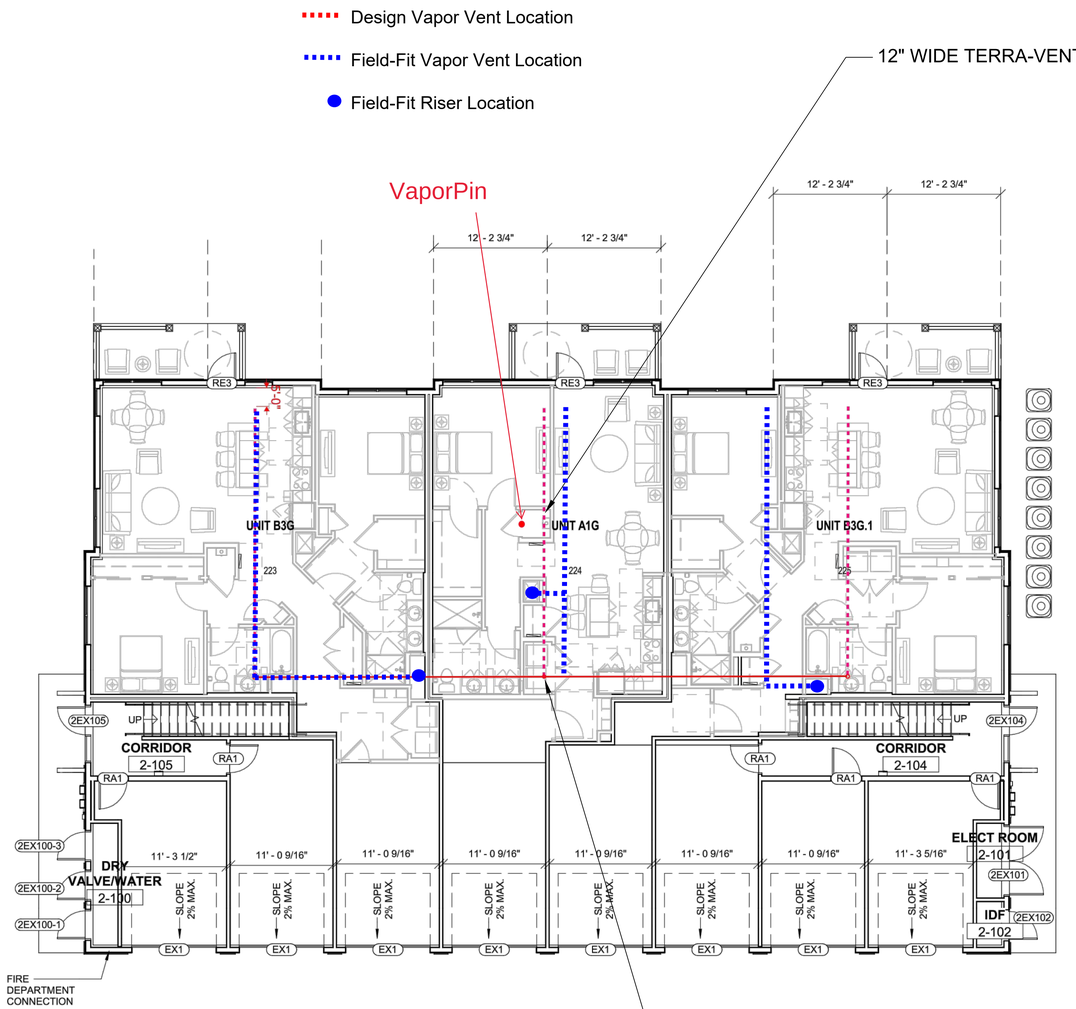
System Sketch
(indicate notable features, location of extraction points, and communication test holes)

Building 3 SSDS

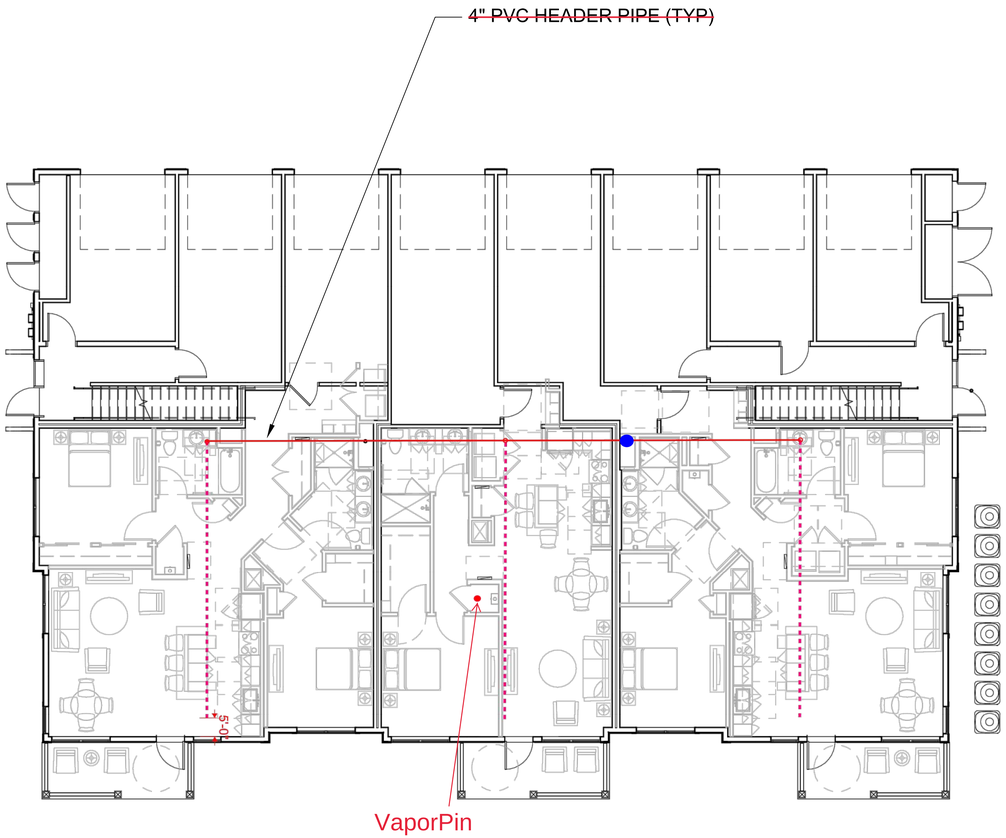
Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location



10 BUILDING'S 2 & 4-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"



4 BUILDING 3-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

Design Vapor Vent Location

Installed Vapor Vent Location

Installed Riser Location

tat

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Consultant:

Revision:

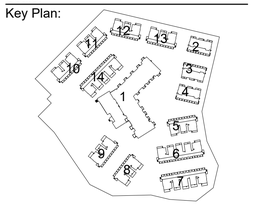
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Buildings 2, 3 & 4 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.01

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 4

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: May 17, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: _____ Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

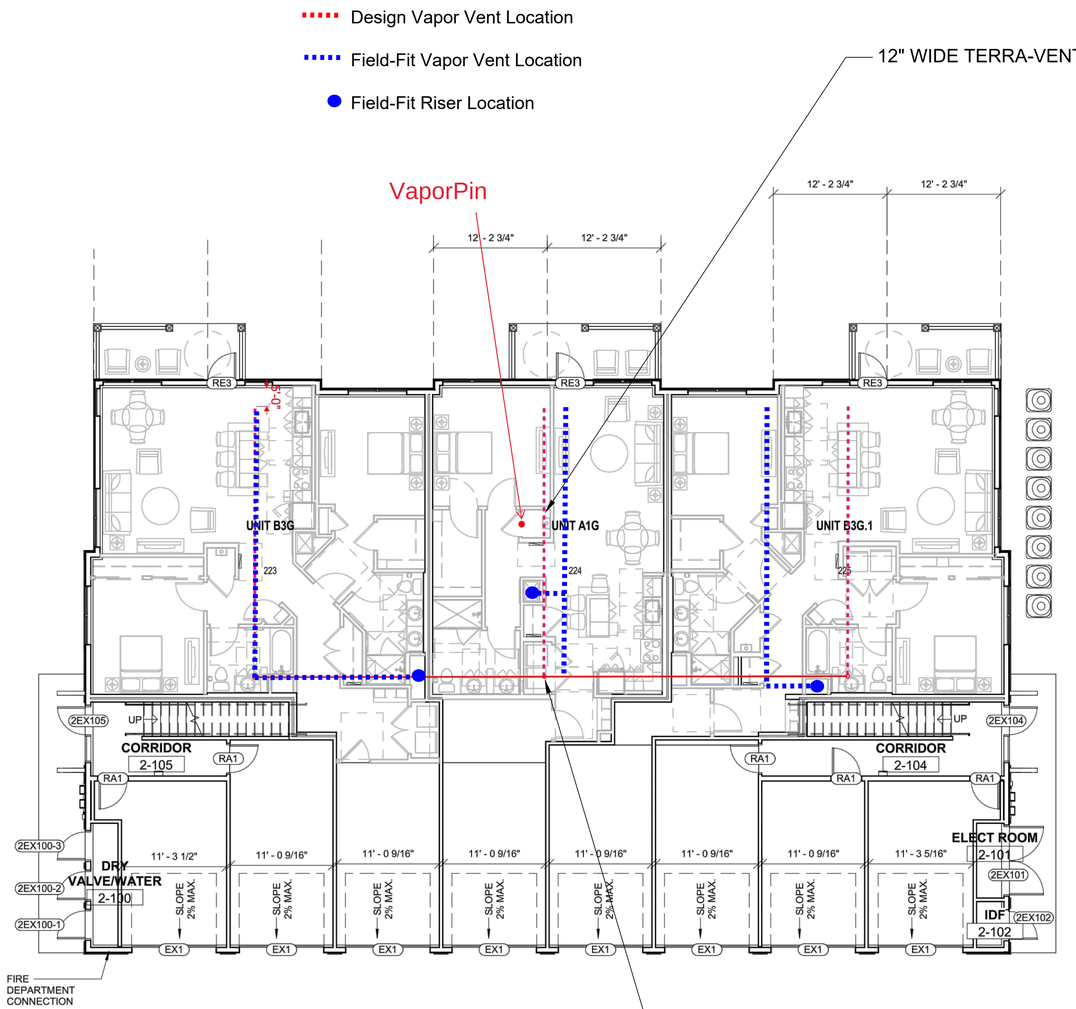
System Sketch
(indicate notable features, location of extraction points, and communication test holes)

Building 4 SSDS

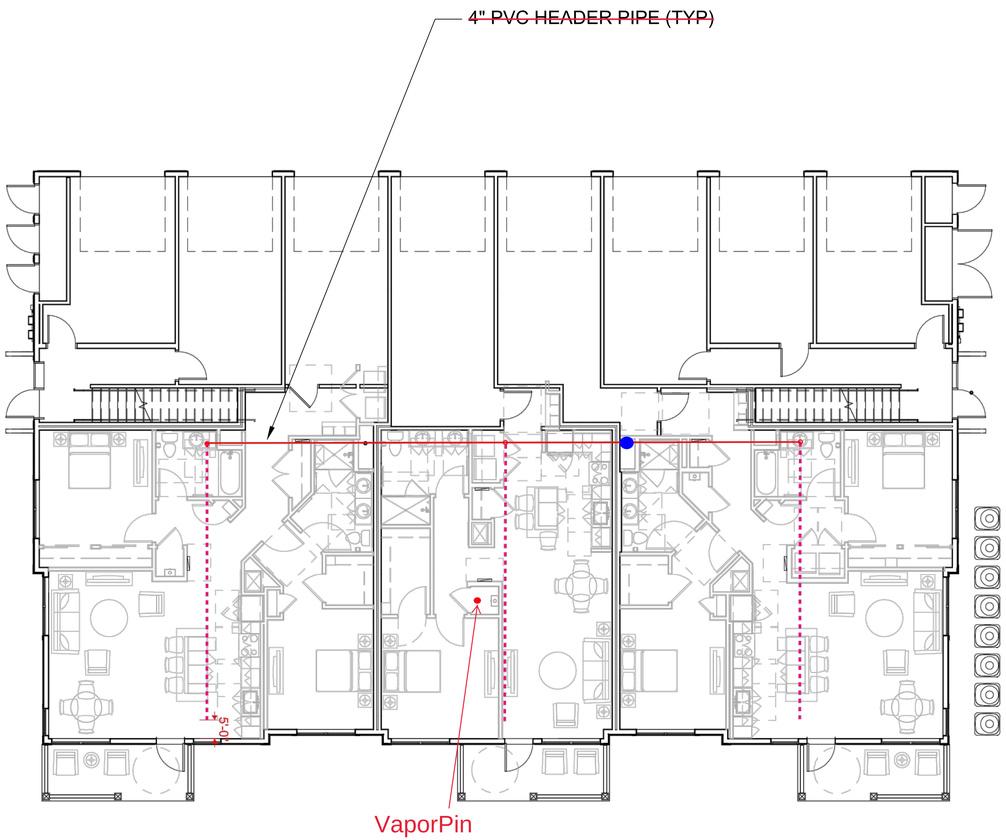
Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location



10 BUILDING'S 2 & 4-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"



4 BUILDING 3-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

Design Vapor Vent Location

Installed Vapor Vent Location

Installed Riser Location

tat

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Consultant:

Revision:

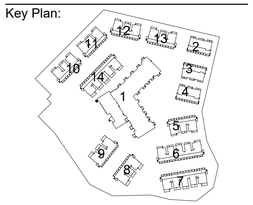
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Buildings 2, 3 & 4 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.01

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 5

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: Jun 1, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

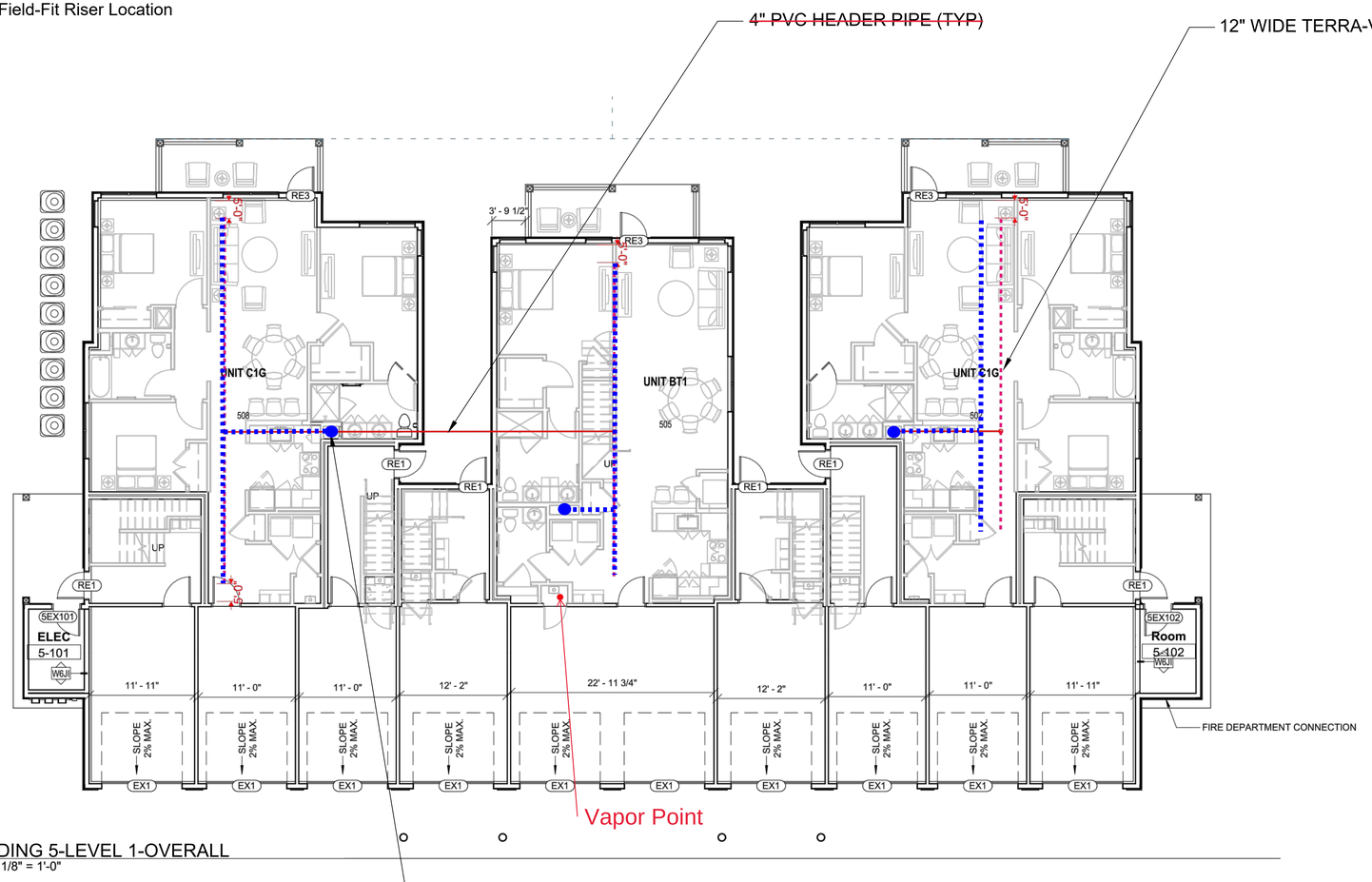
NORTH

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location



10 BUILDING 5-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

12" WIDE TERRA-VENT
VAPOR COLLECTORS

tat

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Consultant:

Revision:

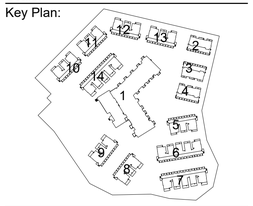
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 2 - Building 5 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.02

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 6

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Active) Date Installed: Jun 29, 2022

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: 5 Number of Fans Installed: 5

	☒ Fan #1 Operating	☒ Fan #2 Operating	☒ Fan #3 Operating
Fan Model No(s):	GBR 76 SOE	GBR 76 SOE	GBR 76 SOE
Fan Serial No(s):	2127	2131	2059
Final U-Tube Levels:	~5"	~5"	~5"

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.
Fan #4 GBR 76 SOE (Fan Model No(s)); 2129 (Fan Serial No(s)); ~5"(Final U-Tube Levels)
Fan #5 GBR 76 SOE (Fan Model No(s)); 2128 (Fan Serial No(s)); ~5" (Final U-Tube Levels)

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: Dwyer Handheld Digital

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
Unit 608 Vapor Pin	-0.2365	See Sketch	☒
Unit 613 Vapor Pin	-1.504	See Sketch	☒
			☐
			☐
			☐

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

NORTH

See attached system sketch.

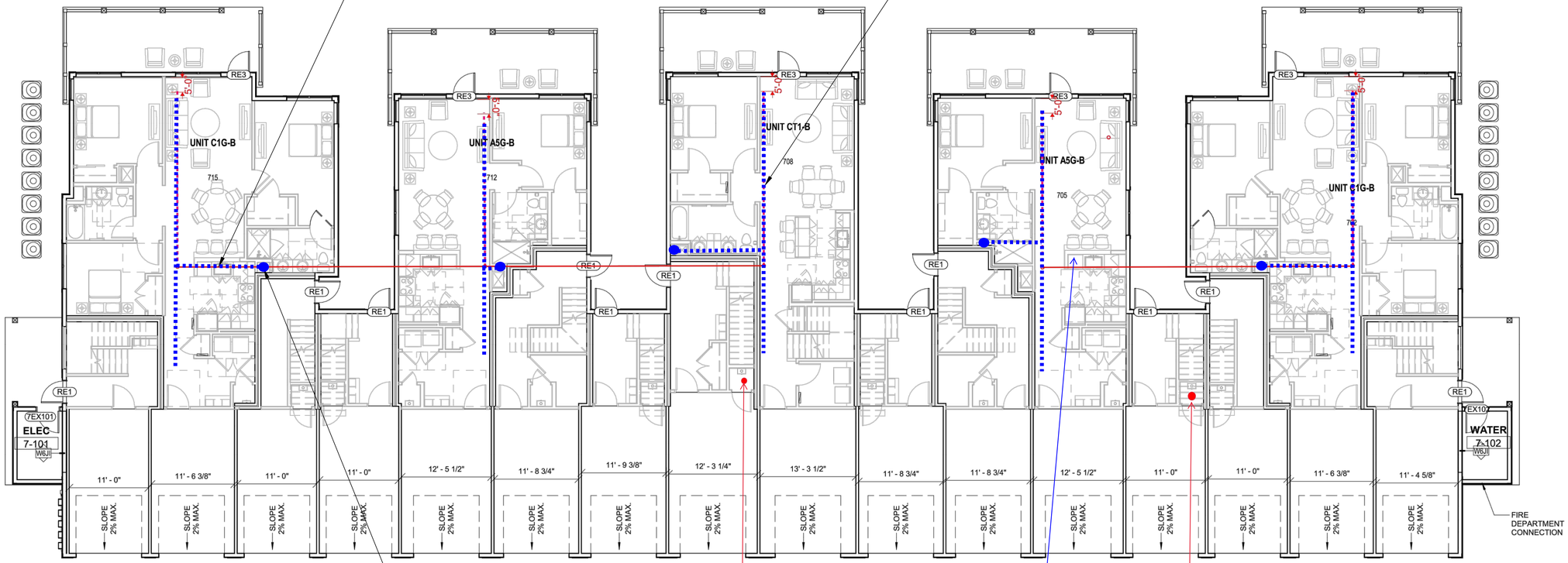
Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location

4" PVC HEADER PIPE (TYP)

12" WIDE TERRA-VENT VAPORT COLLECTORS (TYP)



10 BUILDING'S 7 & 14-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

VaporPin

VaporPin

VENT RISER THROUGH ROOF (TYP)

*****Please note that Buildings 7 and 14 have a different riser location (see arrow)***

tat

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Consultant:

Revision:

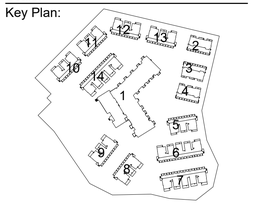
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 4 - Buildings 6, 7 & 14
Level 1 Sub Slab
Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.04

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 7

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc.

☐ Owner Occupied

System Address: 7 Washington Avenue

Telephone: 855.720.3412

City: Island Park Zip: 11558

Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc

Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions

Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Active)

Date Installed: September 2, 2022

Slab Thickess (inches): >5 in.

Subslab Material: Gravel

Subslab Moisture: Dry

Number of Suction Points:

Number of Fans Installed:

	☒ Fan #1 Operating	☒ Fan #2 Operating	☒ Fan #3 Operating
Fan Model No(s):	GBR 76 SOE	GBR 76 SOE	GBR 76 SOE
Fan Serial No(s):	2173	2233	2177
Final U-Tube Levels:	-2.3	-2.5	-2.6

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.
Fan #4 GBR 76 SOE (Fan Model No(s)); 2303 (Fan Serial No(s)); -2.5"(Final U-Tube Levels)
Fan #5 GBR 76 SOE (Fan Model No(s)); 2302 (Fan Serial No(s)); -2.5" (Final U-Tube Levels)

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
Unit 704 Vapor Pin	-0.497	See Sketch	☒
Unit 709 Vapor Pin	-1.32	See Sketch	☒
			☐
			☐
			☐

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

NORTH

See attached system sketch.

Design Vapor Vent Location

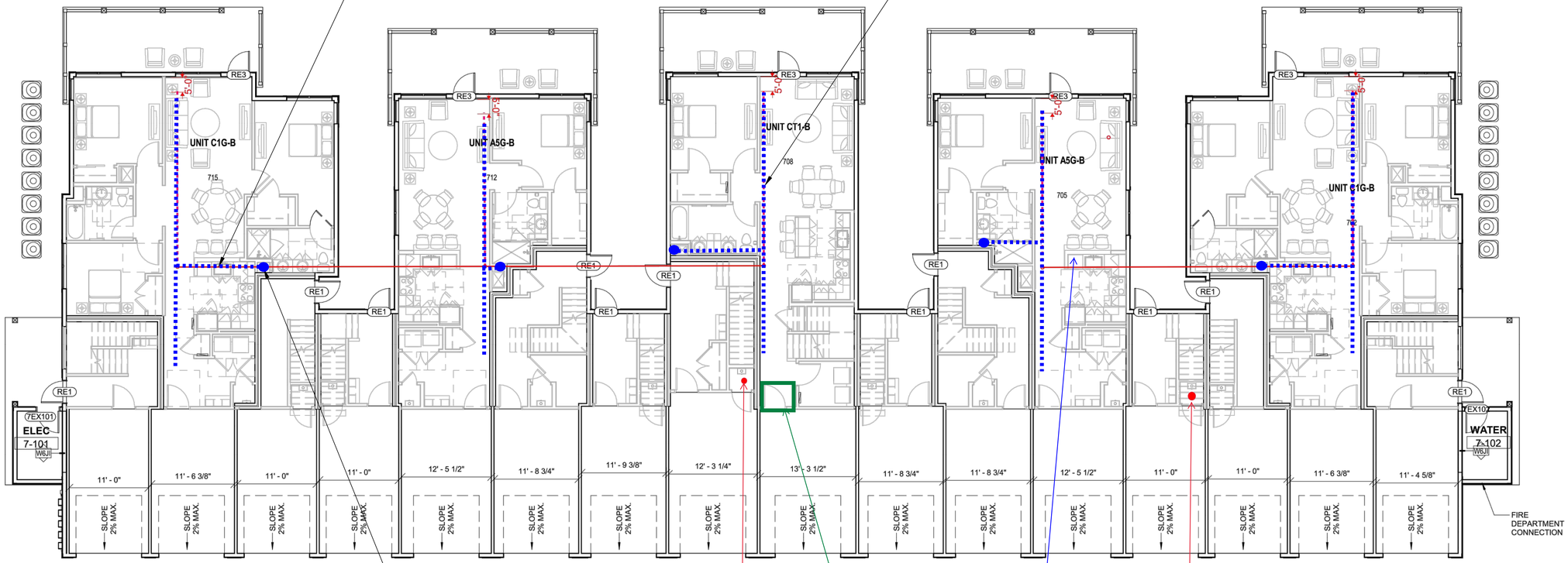
Field-Fit Vapor Vent Location

Field-Fit Riser Location

~~4" PVC HEADER PIPE (TYP)~~

12" WIDE TERRA-VENT VAPORT COLLECTORS (TYP)

Discrete vacuum locations were not part of the SSDS design which instead includes Vapor-Vent geotextile matting and an air-permeable aggregate plenum to distribute the vacuum fields across the building footprints.



10 BUILDING'S 7 & 14-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

VaporPin

VaporPin

VENT RISER THROUGH ROOF (TYP)

12" above the roofline and at least 10' above the ground and 10' from any other buildings or air intakes.

*****Please note that Buildings 7 and 14 have a different riser location (see arrow)***

Methane Detector

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Revision:

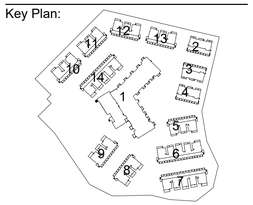
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 4 - Buildings 6, 7 & 14
Level 1 Sub Slab
Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.04

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 8

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions

Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: July 19, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

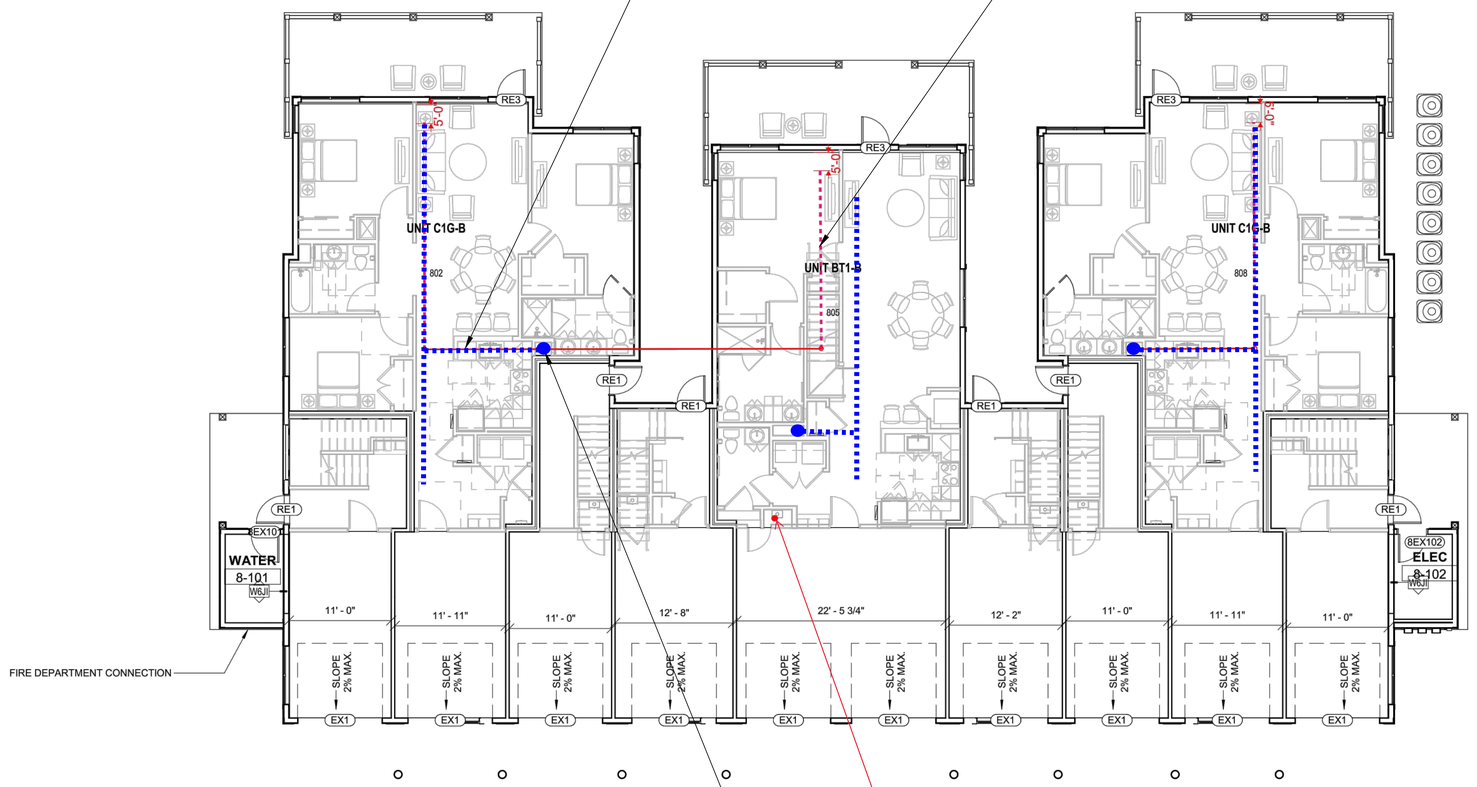
Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location

4" PVC HEADER PIPE (TYP)

12" WIDE TERRA-VENT VAPORT COLLECTORS (TYP)
Discrete vacuum locations were not part of the SSDS design which instead includes Vapor-Vent geotextile matting and an air-permeable aggregate plenum to distribute the vacuum fields across the building footprints.



10 BUILDING'S 8 & 9-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

VaporPin

VENT RISER THROUGH ROOF (TYP)
12" above the roofline and at least 10' above the ground and 10' from any other buildings or air intakes.

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Consultant:

Revision:

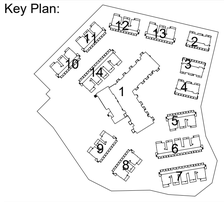
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 5 - Buildings 8 & 9 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.05

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 9

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: July 28, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

See attached system sketch.

Design Vapor Vent Location

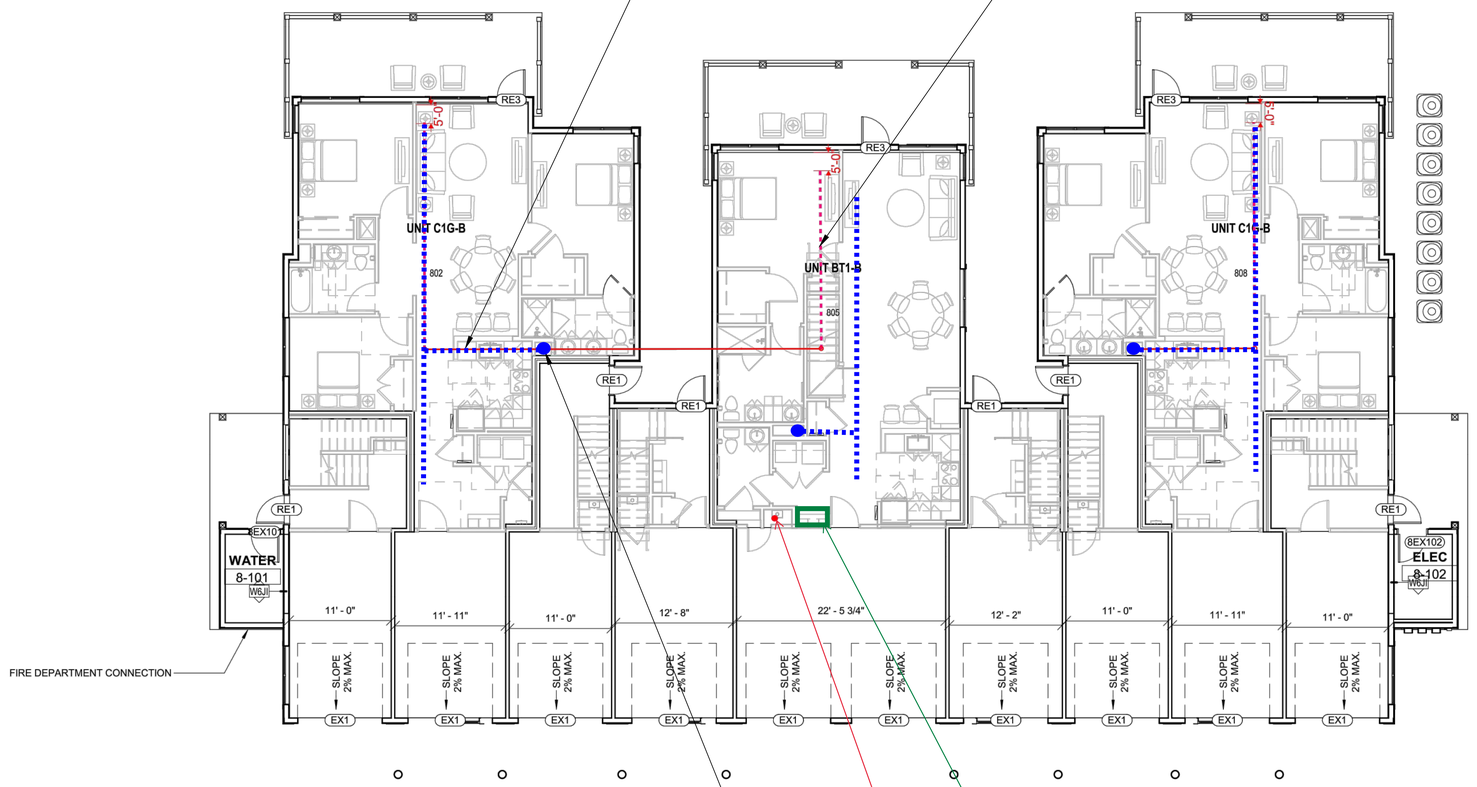
Field-Fit Vapor Vent Location

Field-Fit Riser Location

4" PVC HEADER PIPE (TYP)

12" WIDE TERRA-VENT VAPORT COLLECTORS (TYP)

Discrete vacuum locations were not part of the SSDS design which instead includes Vapor-Vent geotextile matting and an air-permeable aggregate plenum to distribute the vacuum fields across the building footprints.



10 BUILDING'S 8 & 9-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

VaporPin

Methane Detector

VENT RISER THROUGH ROOF (TYP)

12" above the roofline and at least 10' above the ground and 10' from any other buildings or air intakes.

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Consultant:

Revision:

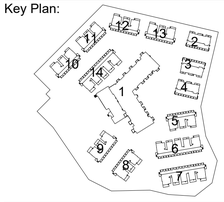
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 5 - Buildings 8 & 9 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.05

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 10

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc.

☐ Owner Occupied

System Address: 7 Washington Avenue

Telephone: 855.720.3412

City: Island Park Zip: 11558

Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc

Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions

Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Active)

Date Installed: 2022-10-19

Slab Thickess (inches): >5 in.

Subslab Material: Gravel

Subslab Moisture: Dry

Number of Suction Points:

Number of Fans Installed: 3

	☒ Fan #1 Operating	☒ Fan #2 Operating	☒ Fan #3 Operating
Fan Model No(s):	GBR 76 SOE	GBR 76 SOE	GBR 76 SOE
Fan Serial No(s):	2174	2176	2175
Final U-Tube Levels:	-2.99	-3.02	-3.03

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction. Passive SSDS installation completed on September 5, 2021. SSDS activated on October 19, 2022.

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
Unit 1006 Vapor Pin	-0.487	See Sketch	☒
			☐
			☐
			☐
			☐

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

NORTH

See attached system sketch.

Design Vapor Vent Location

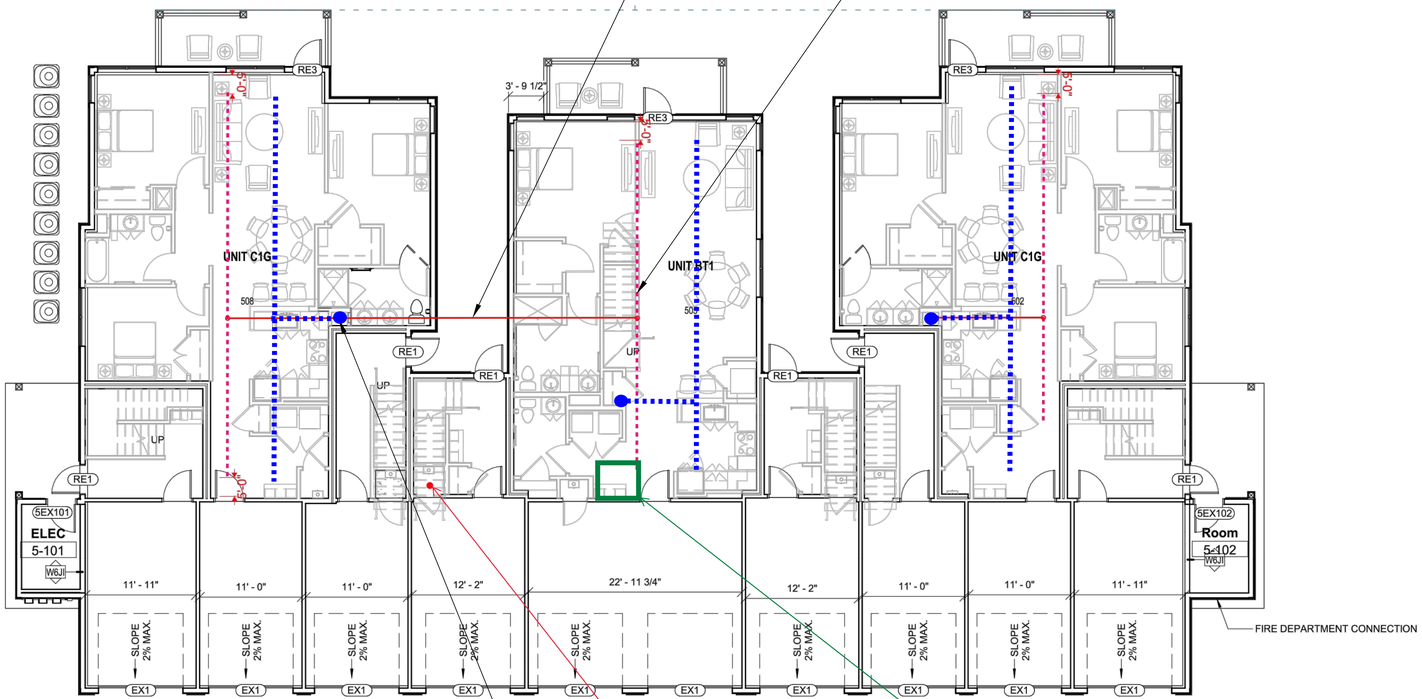
Field-Fit Vapor Vent Location

Field-Fit Riser Location

4" PVC HEADER PIPE (TYP)

12" WIDE TERRA-VENT VAPORT COLLECTORS (TYP)

Discrete vacuum locations were not part of the SSDS design which instead includes Vapor-Vent geotextile matting and an air-permeable aggregate plenum to distribute the vacuum fields across the building footprints.



VaporPin

Methane Detector

VENT RISER THROUGH ROOF (TYP)

12" above the roofline and at least 10' above the ground and 10' from any other buildings or air intakes.

10 BUILDING'S 10, 11, & 12-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

12/18/2019 9:04:22 AM
C:_Revit Local 2019\12075_R19_Avalon Yacht Views_rramella75R87.rvt

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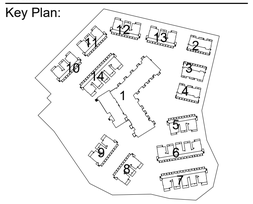
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 6 - Buildings 10, 11, 12, & 13 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.06

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 11

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: 2022-08-09

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

See attached system sketch.

Design Vapor Vent Location

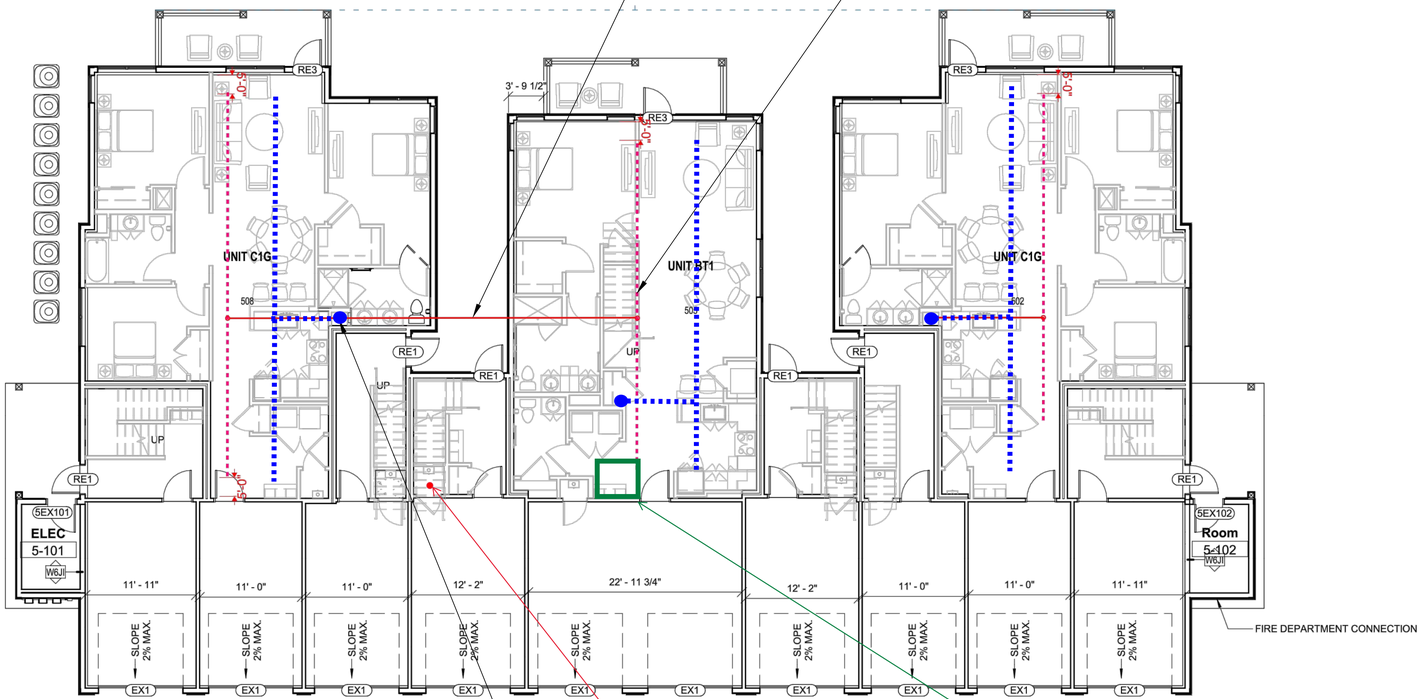
Field-Fit Vapor Vent Location

Field-Fit Riser Location

4" PVC HEADER PIPE (TYP)

12" WIDE TERRA-VENT VAPORT COLLECTORS (TYP)

Discrete vacuum locations were not part of the SSDS design which instead includes Vapor-Vent geotextile matting and an air-permeable aggregate plenum to distribute the vacuum fields across the building footprints.



10 BUILDING'S 10, 11, & 12-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

VENT RISER THROUGH ROOF (TYP)

12" above the roofline and at least 10' above the ground and 10' from any other buildings or air intakes.

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Consultant:

Revision:

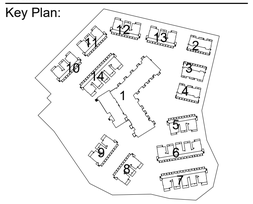
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 6 - Buildings 10, 11, 12, & 13 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.06

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 12

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: April 26, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: _____ Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

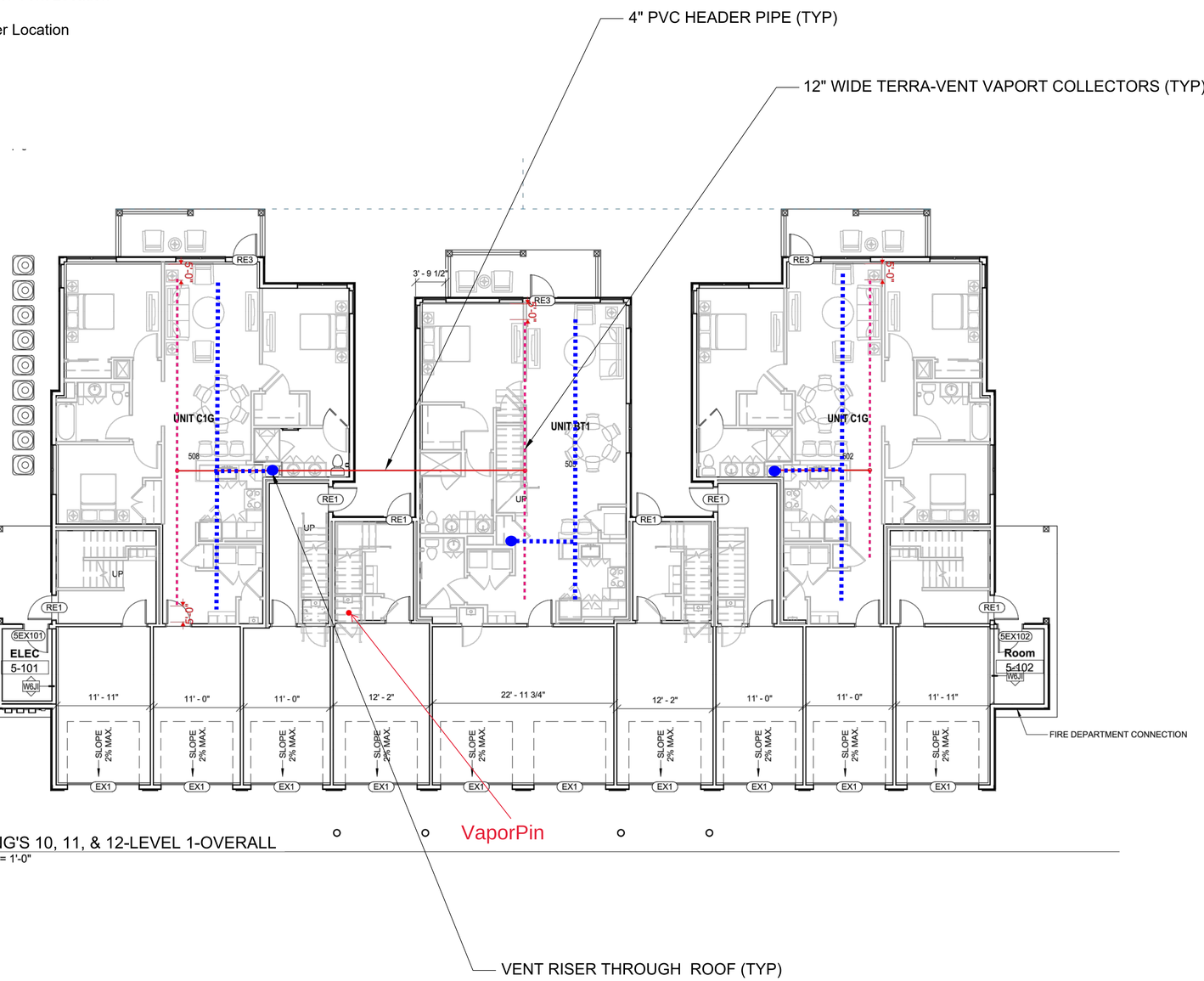
System Sketch
(indicate notable features, location of extraction points, and communication test holes)

Building 12 SSDS

Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location



10 BUILDING'S 10, 11, & 12-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

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Revision:

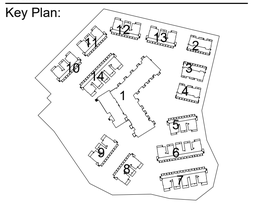
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 6 - Buildings 10, 11, 12, & 13 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.06

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 13

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: April 22, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: _____ Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

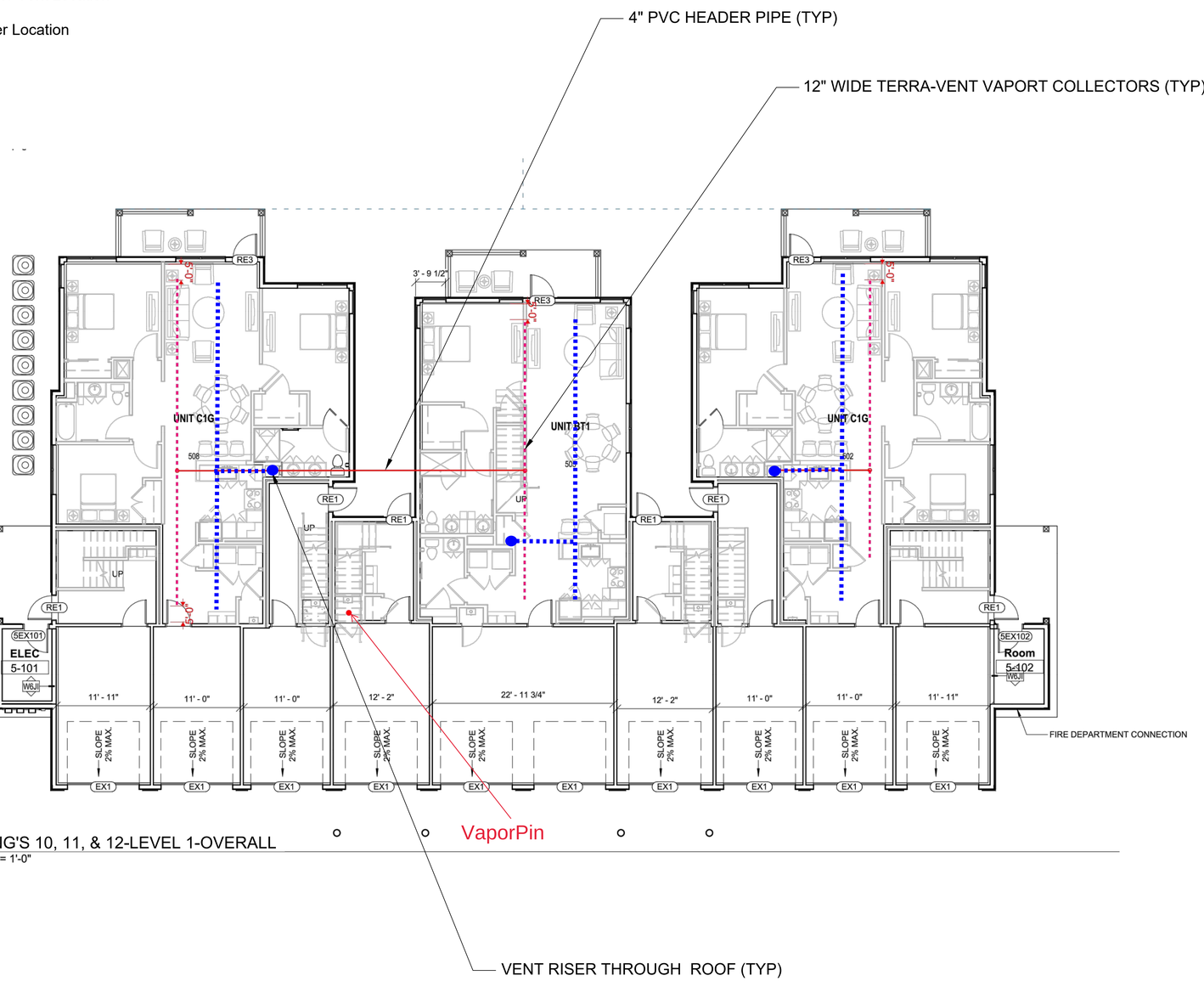
System Sketch
(indicate notable features, location of extraction points, and communication test holes)

Building 13 SSDS

Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location



10 BUILDING'S 10, 11, & 12-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

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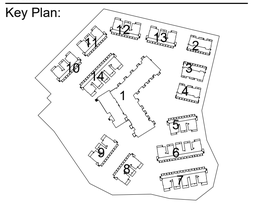
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 6 - Buildings 10, 11, 12, & 13 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.06

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C130153

System ID: Building 14

Site Name: Former Cibro Petroleum Term.

Owner Name: AvalonBay Communities, Inc. ☐ Owner Occupied

System Address: 7 Washington Avenue Telephone: 855.720.3412

City: Island Park Zip: 11558 Alt. Telephone:

Contractor Information

Installer Name: EAI, Inc Company: EAI, Inc.

Telephone: 201.395.0010

Building Conditions Building Type: Multi-Unit Residence

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☐ Floor drain ☐ Perimeter drain ☒ Other

Describe:

Slab-on-grade construction. Miscellaneous utility penetrations

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Passive) Date Installed: 9/14/22

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: Number of Fans Installed:

	☐ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):			
Fan Serial No(s):			
Final U-Tube Levels:			

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

SSDS consists of EPRO VaporVent, Film, Core, Bond system and new slab-on-grade construction.

Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: _____

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
			☐
			☐
			☐
			☐
			☐

NORTH

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

See attached system sketch.

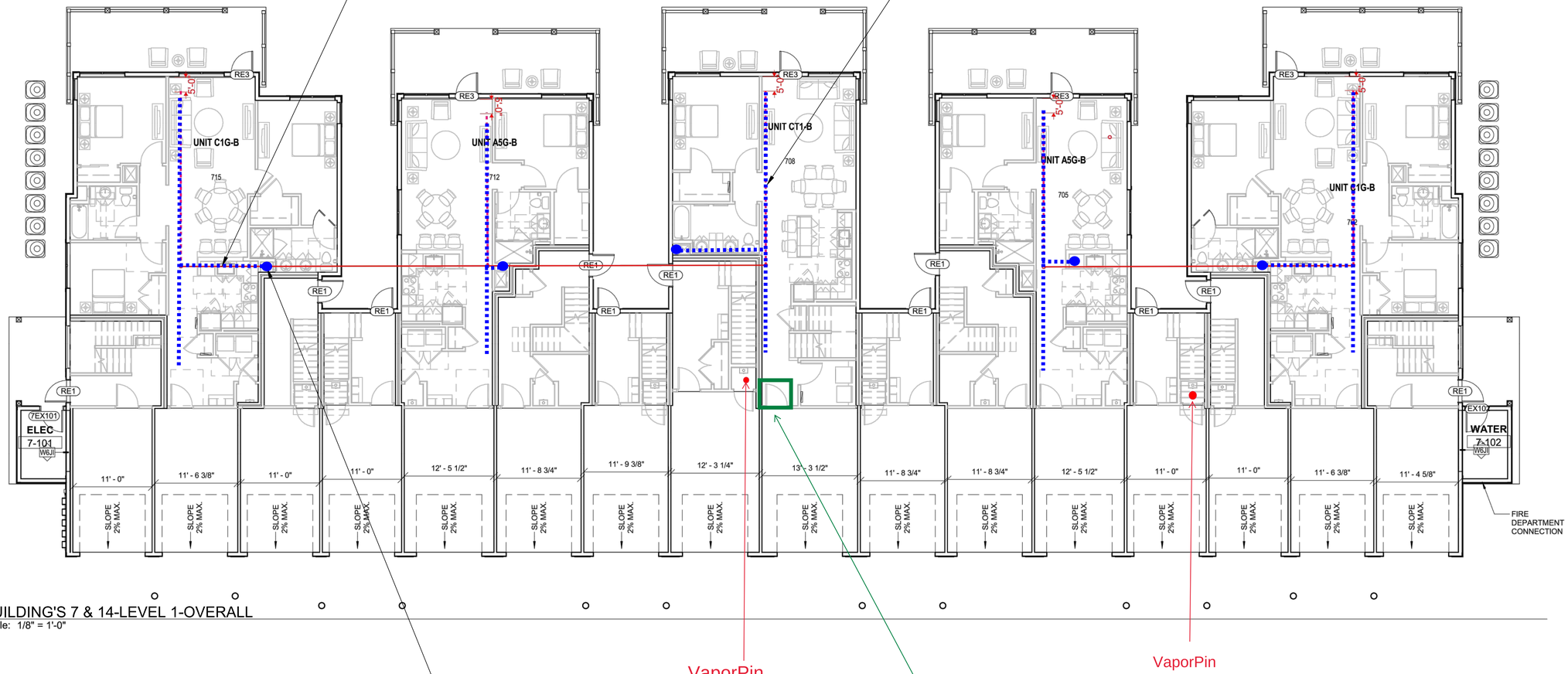
Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser Location

4" PVC HEADER PIPE (TYP)

12" WIDE TERRA-VENT VAPORT COLLECTORS (TYP)



10 BUILDING'S 7 & 14-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

VaporPin

VaporPin

VENT RISER THROUGH ROOF (TYP)

12" above the roofline and at least 10' above the ground and 10' from any other buildings or air intakes.

Methane Detector

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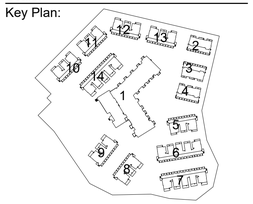
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF
HEMPSTEAD, NY

Sheet Name:

Sheet 4 - Buildings 6, 7 & 14
Level 1 Sub Slab
Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

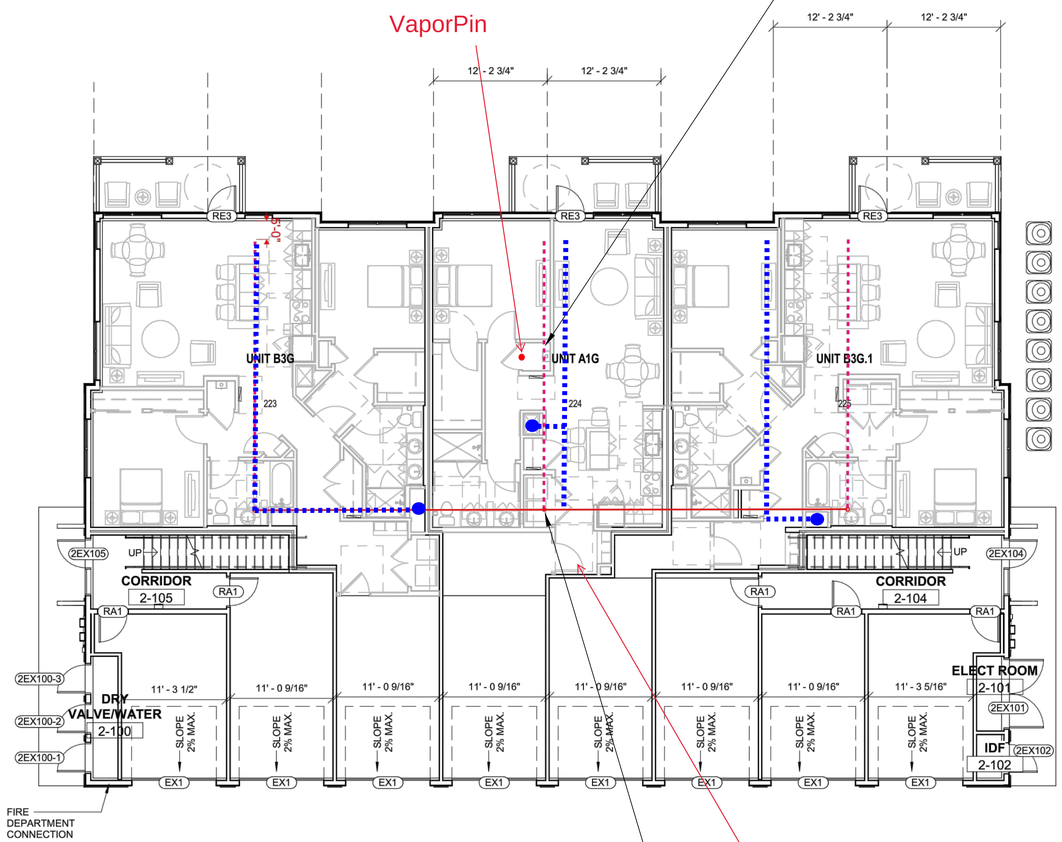
C-1.04

Building 2 SSDS

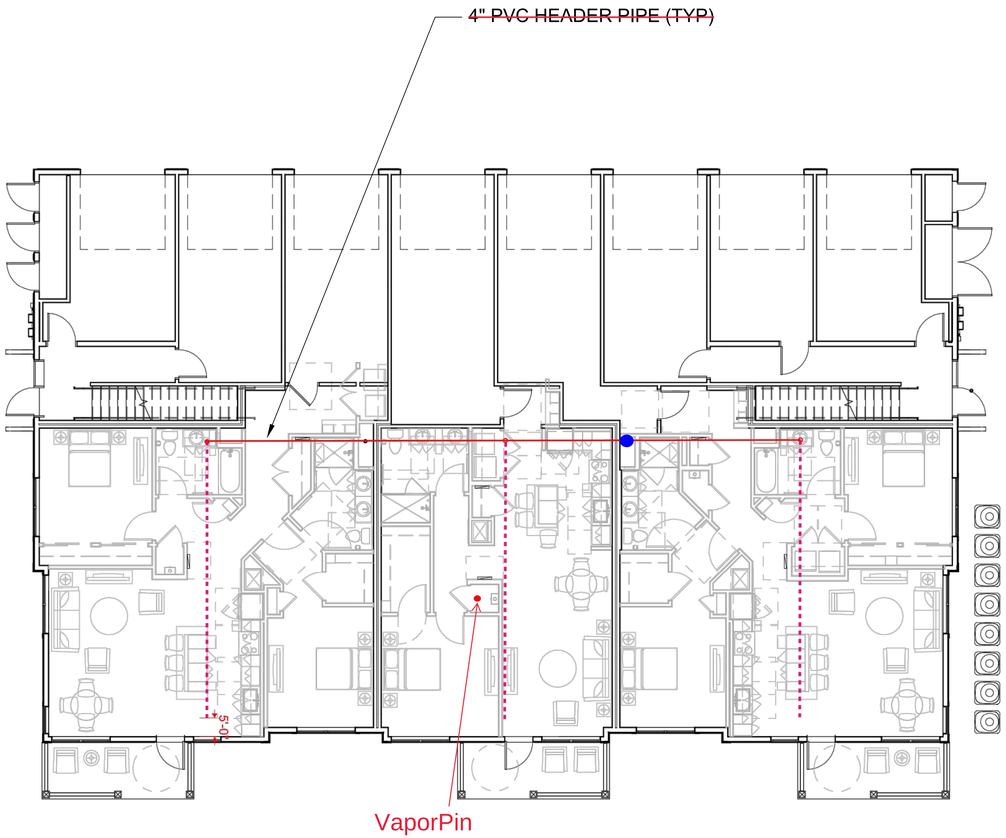
Design Vapor Vent Location

Field-Fit Vapor Vent Location

Field-Fit Riser & Approximate Blower Location



10 BUILDING'S 2 & 4-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"



4 BUILDING 3-LEVEL 1-OVERALL
Scale: 1/8" = 1'-0"

Design Vapor Vent Location

Installed Vapor Vent Location

Installed Riser Location

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Revision:

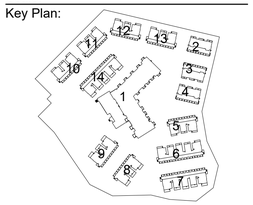
Architect of Record:

Drawn: TAR

Checked: WT

Scale:

Key Plan:



Project Name:

AVALON HARBOR ISLE

HARBOR ISLE
TOWN OF HEMPSTEAD, NY

Sheet Name:

Buildings 2, 3 & 4 Level 1 Sub Slab Depressurization System

Project Number:

28790.01

Issue Date:

1/8/2020

Sheet Number:

C-1.01