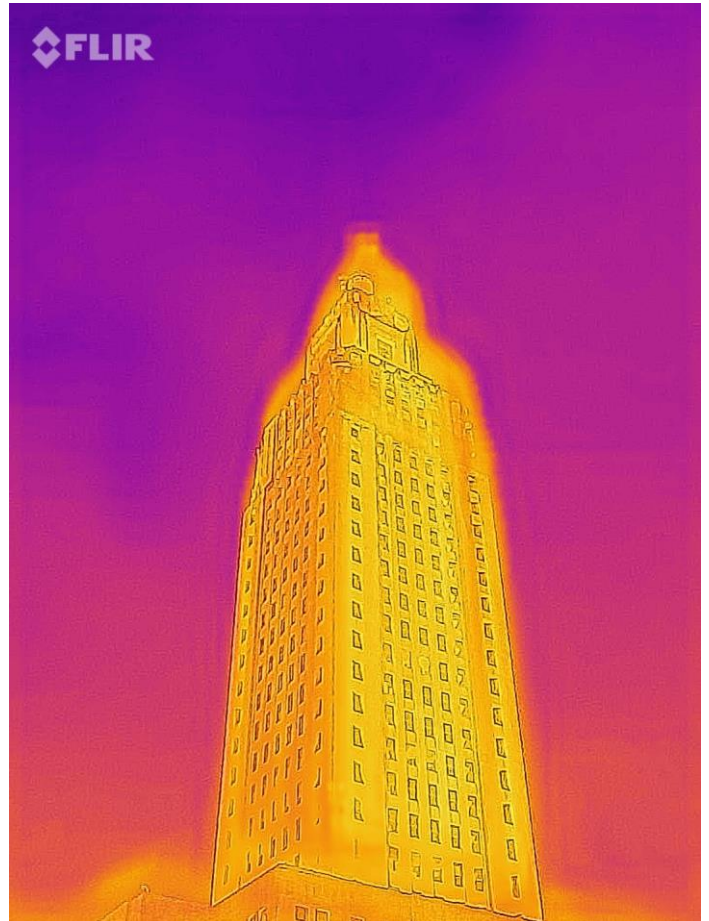




Project Report

Louisiana State Capitol Building

Baton Rouge, Louisiana

Louisiana State Capitol Building:

Below is a brief description of the microbial mitigation completed at the Louisiana State Capitol Building in Baton Rouge Louisiana located at 900 N. 3rd St. Baton Rouge, LA. 70802. Microbial growth was present in the building and the HVAC ventilation system throughout various areas of the facility as noted on the attached pictures and validated by independent lab tests. Based on EPA data and scientific research a moisture content of greater than 19% or relative humidity greater than 60% can allow microbial growth. Exposure to biological contaminants (i.e. COVID-19) can pose serious health consequences and have a NEGATIVE impact to the citizens of Louisiana. Without proper pro-active interventions to properly kill and/or remove such substances, there is great risk to the public health for those in the community. Specific to the COVID-19 pandemic, the National Institute of Health recently reported that “viable virus could be detected in aerosols up to 3 hours post aerosolization, up to 4 hours on copper, up to 24 hours on cardboard and up to 2-3 days on plastic and stainless steel.” Most recently it was noted that the evaluated studies showed that the viruses can persist on surfaces and remain infectious at room temperature for up to nine days. On average, they survive between four and five days. "Low temperature and high air humidity further increase their lifespan," points out Dr. Kampf in the Journal of Hospital Infection on 6 February 2020.

The following scope of work was performed based on abnormal Air Quality Index, independent lab data, visual inspection of microbial presence throughout the facility and for the PREVENTION of the spread of COVID-19:

Item 1 - Mitigation services were conducted throughout the Capitol Building with the exception of the Secretary of States Office per request.

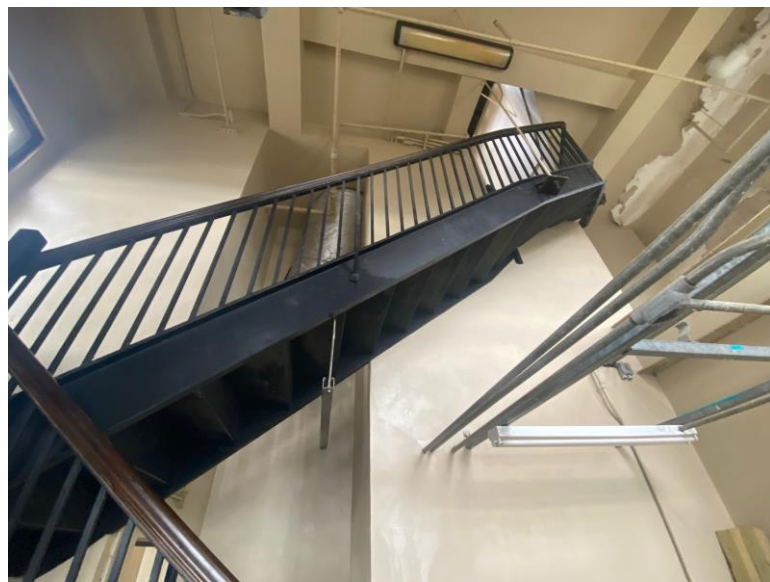
Item 2 - Independent post treatment laboratory testing with analysis report was conducted throughout the Capitol Building.

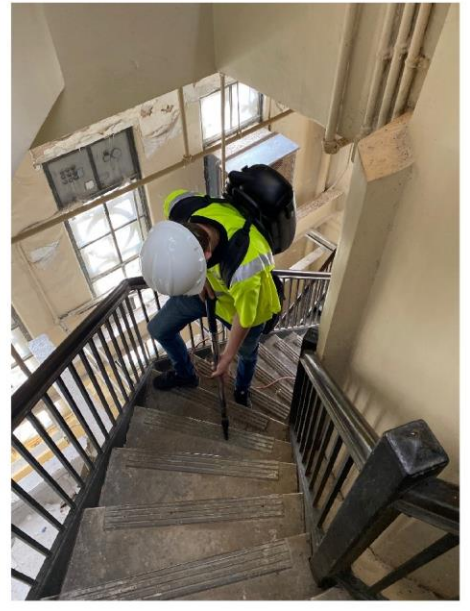
Item 3 - Emergency expedited services was conducted throughout the Capitol Building.

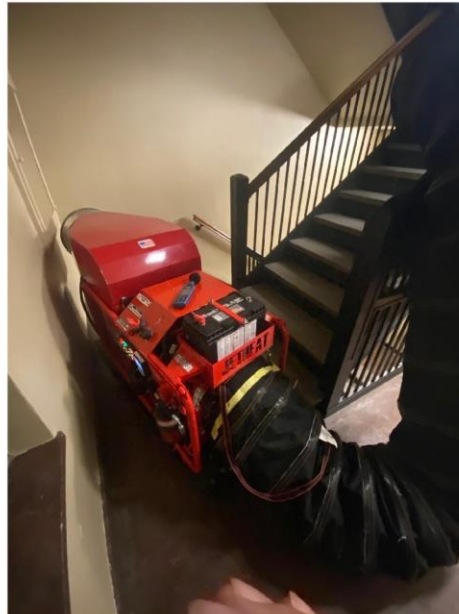
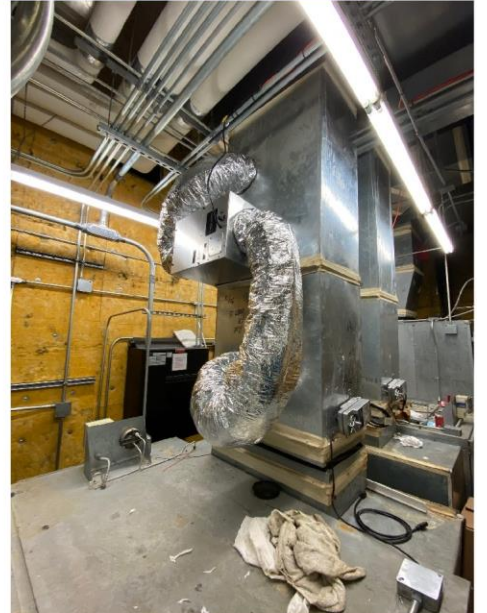
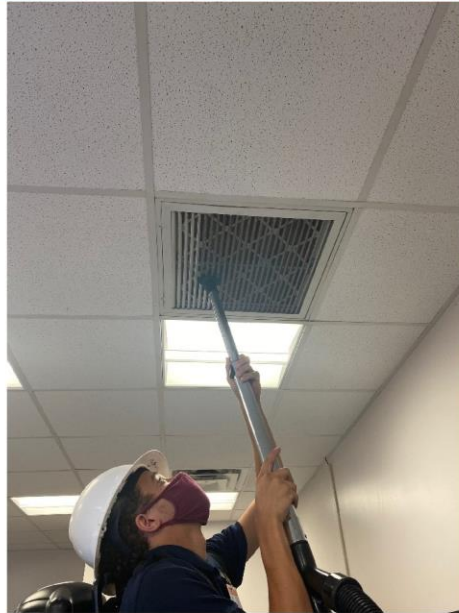
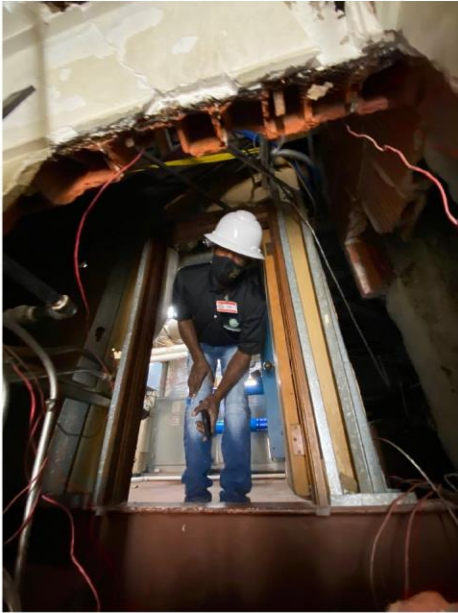
Item 4 - Air - surface purification and maintenance systems were incorporated throughout the Capitol Building.

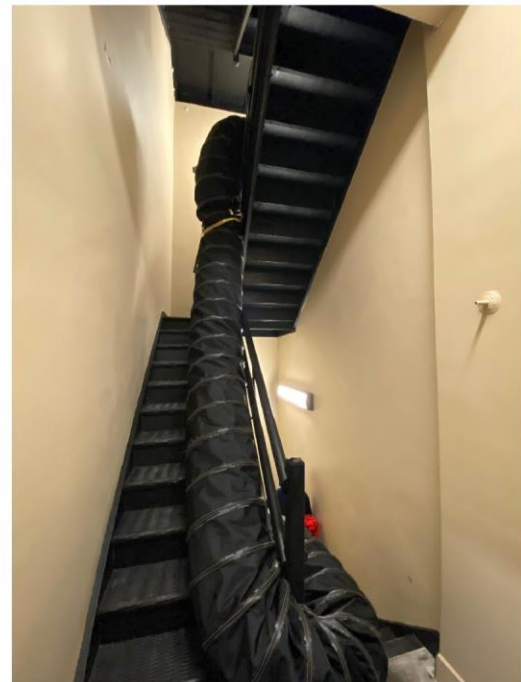
Based on independent scientific post treatment data the capitol building has significantly reduced it's exposure to biological contaminants (i.e. COVID-19 and other micro-organisms) to its employees and citizens of Louisiana as a result of the pro-active interventions taken. Therefore, reducing a serious public health risk to those in the community.















Report Date: November 28, 2020

BACKGROUND

SARS-CoV-2 (COVID-19) is the virus responsible for the current pandemic. It is one of the largest of the Corona Viruses. A high mutation rate for protein production make it highly infectious, spreading faster than the flu.

COVID-19 infection is of a significant public health concern since many of the people infected do not show severe symptoms. Therefore, decontamination strategies combined with environmental monitoring of the virus is not only more effective but of paramount importance to controlling the spread of this highly contagious virus.

OBJECTIVE

It is critical to establish diagnostic capabilities for COVID-19 not only in a clinical setting but also in the field particularly in conjunction with decontamination procedures. Since molecular biology expertise and specialized instruments are required for fast and accurate detection, this capability is not readily available.

The objective of this study was to determine the feasibility of implementing a molecular diagnostic capability for COVID-19 in conjunction with the Green Earth Technologies' decontamination strategy.

TECHNICAL APPROACH

Specialized collection swabs and One-Step DNA/RNA Extraction buffer pre-aliquoted into 1.5 ml sterile microcentrifuges tubes were sent to Green Earth staff in Baton Rouge, LA. Samples were taken from high contact environmental surfaces (ex. door handles, tables, bathroom stalls) according to the procedure described below.

Swabs were pre-wetted prior to sample collection by dipping the bulb into 5 mL bottles of DNase/RNase - Free Water and then immediately placed back into the transport tube.



To collect environmental swab samples, after applying gentle pressure to the moistened swab against the surface, swabbing was conducted at the surface at a 30 – 45 degree angle to as much surface area as possible from top to bottom five times and left to right five times.

The swab was immediately placed in a labeled 1.5 mL tube containing 200 µL of One-Step DNA/RNA Extraction Buffer to lyse the sample. This is to extract RNA from SARS-CoV-2 and inactivate the virus in the buffer. The bulb of the swab was completely submerged in the buffer. Once submerged, use the plastic shaft to rotate the swab at least ten times to release sample into the extraction buffer. The 1.5 mL tube contains the sample lysate required for RT-qPCR testing. The lysate can be stored for up to 72 hours at room temperature, 4 °C or -20 °C and at -80 °C for longer storage period.

The collected samples were shipped to Integrated Pharma services for further testing and evaluation. Upon arrival, samples were stored at -80C freezers. For testing, RT-qPCR Reaction was set up for each sample. The test which is a probe-based multiplex RT-qPCR to simultaneously detect RNA from the SARS-CoV-2 virus and an Internal Control. The test targets the N gene of the virus and relies on the published data from the SARS-CoV-2 genome. No cross reactivity with other coronavirus family members that cause SARS-related diseases such as MERS and SARS has been found. The Internal Control is a synthetic single stranded DNA oligonucleotide with no cross reactivity with SARS-CoV-2. The test limit of detection (LoD) is 290 copies/swab.

REFERENCES

World Health Organization. (2020). Coronavirus disease (COVID-19) outbreak: rights, roles and responsibilities of health workers, including key considerations for occupational safety and health: interim guidance, 19 March 2020. World Health Organization.

World Health Organization. (2020). Surface sampling of coronavirus disease (COVID-19): a practical “how to” protocol for health care and public health professionals, 18 February 2020, version 1.1. World Health Organization

Microcentrifuge Image- <https://us.vwr.com/store/product/4674397/vwr-high-performance-microcentrifuge-tubes-polypropylene>

Bottle Image- <https://www.northwoodcandlesupply.com/products/20-ml-clear-bottle-w-white-cap-pet-cylinder-cosmetic-bottle-for-lotion-after-shave-bath-milk>



STUDY SUMMARY and RESULTS

Integrated Pharma Services prepared sterile microcentrifuge tubes containing 200 μ l of One-Step DNA/RNA Extraction buffer. These tubes along with swabs and DNase/RNase -Free Water bottles were shipped to the Green Earth's Team in Baton Rouge, LA for environmental sampling.



Material Needed for Sampling

Microcentrifuge tubes containing 200 µl Extraction Buffer, swabs and DNase/ RNase-Free water bottles.



One-Step DNA/RNA Extraction buffer



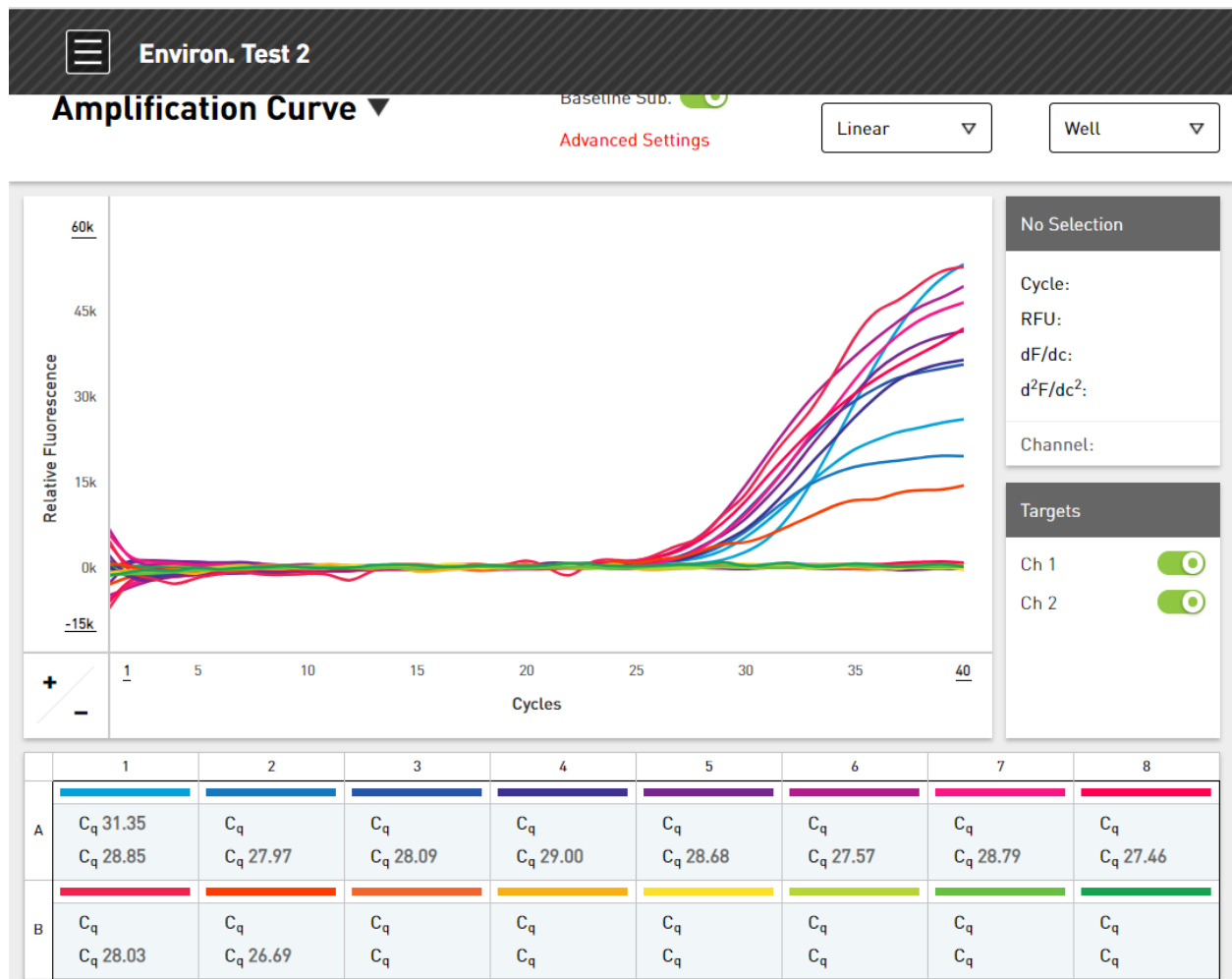
Swabs



DNase/RNase -Free Water



This image represents an example of amplification curve for a set of environmental samples.





Samples	Number of Samples	% Covid-19 Positive
Pre-Treatment	100 Swabs	2% Positive Rate
Post-Treatment	100 Swabs	0%*

Conclusions

- A COVID-19 surveillance/environmental monitoring program was successfully established for Green Earth Technologies.
- This program is in conjunction with Green Earth Technologies' remediation efforts for Coronavirus (SARS-CoV-2).
- During the current pandemic, monitoring for COVID-19 and decontamination on a regular basis or as needed is critical for controlling the spread of this highly virulent and contagious virus.
- Based on independent lab testing there was no COVID-19 present post treatment

Sample Number	1	2875057			2	2875059			3	2875049			4	2875054		
Sample Name	Outside			Cellar			Basement House			Basement Senate						
Sample Volume	75.00 liter			75.00 liter			75.00 liter			75.00 liter						
Reporting Limit	13 spores/m³			13 spores/m³			13 spores/m³			13 spores/m³						
Background	3			1			1			2						
Fragments	ND			ND			ND			ND						
Organism	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total				
Alternaria																
Ascospores	13	173	65.0%	1	13	100.0%	1	13	50.0%	2	27	66.7%				
Aspergillus Penicillium																
Basidiospores	6	80	30.0%				1	13	50.0%							
Bipolaris Drechslera																
Chaetomium																
Cladosporium	1	13	5.0%													
Curvularia										1	13	33.3%				
Epicoccum																
Fusarium																
Memnoniella																
Myxomycetes																
Pithomyces																
Stachybotrys																
Stemphylium																
Torula																
Ulocladium																
Total	20	266	100%	1	13	100%	2	26	100%	3	40	100%				

Water Damage Indicator

Common Allergen

Slightly Higher than Baseline

Significantly Higher than Baseline

Ratio Abnormality



Collected: Nov 8, 2020

Received: Nov 11, 2020

Reported: Nov 11, 2020

Project Analyst:
Ramesh Poluri, PhD

P. Ramesh

Date:
11 - 11 - 2020

Reviewed By:
Steve Hayes, BSMT

Stephen N. Hayes

Date:
11 - 11 - 2020

Sample Number	5	2875065			6	2875055			7	2875070			8	2875064		
Sample Name	Ground			#1 Central			#2 Central			#3 Central						
Sample Volume	75.00 liter			75.00 liter			75.00 liter			75.00 liter						
Reporting Limit	13 spores/m³			13 spores/m³			13 spores/m³			13 spores/m³						
Background	2			1			1			2						
Fragments	ND			ND			ND			ND						
Organism	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total				
Alternaria																
Ascospores	2	27	50.0%	1	13	100.0%	2	27	100.0%	1	13	33.3%				
Aspergillus Penicillium																
Basidiospores	1	13	25.0%													
Bipolaris Drechslera																
Chaetomium																
Cladosporium	1	13	25.0%							2	27	66.7%				
Curvularia																
Epicoccum																
Fusarium																
Memnoniella																
Myxomycetes																
Pithomyces																
Stachybotrys																
Stemphylium																
Torula																
Ulocladium																
Total	4	53	100%	1	13	100%	2	27	100%	3	40	100%				

Water Damage Indicator

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Sample Number	9	2875063			10	2875050			11	2875069			12	2875068		
Sample Name	#4 Central				#5 Central				#6 Central				#7 Central			
Sample Volume	75.00 liter				75.00 liter				75.00 liter				75.00 liter			
Reporting Limit	13 spores/m³				13 spores/m³				13 spores/m³				13 spores/m³			
Background	1				2				2				2			
Fragments	ND				ND				13/m³				ND			
Organism	Raw Count	Count / m³	% of Total		Raw Count	Count / m³	% of Total		Raw Count	Count / m³	% of Total		Raw Count	Count / m³	% of Total	
Alternaria																
Ascospores					2	27	66.7%		1	13	50.0%		2	27	66.7%	
Aspergillus Penicillium																
Basidiospores	1	13	100.0%		1	13	33.3%						1	13	33.3%	
Bipolaris Drechslera																
Chaetomium																
Cladosporium									1	13	50.0%					
Curvularia																
Epicoccum																
Fusarium																
Memnoniella																
Myxomycetes																
Pithomyces																
Stachybotrys																
Stemphylium																
Torula																
Ulocladium																
Total	1	13	100%		3	40	100%		2	26	100%		3	40	100%	

Water Damage Indicator

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Stephen N. Hayes

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11 - 11 - 2020

Sample Number	13	2875060		14	3410892		15	34108070		16	3410874	
Sample Name	#8 Central			#9 Central			#10 Central			#11 Central		
Sample Volume	75.00 liter			75.00 liter			75.00 liter			75.00 liter		
Reporting Limit	13 spores/m³			13 spores/m³			13 spores/m³			13 spores/m³		
Background	2			2			2			2		
Fragments	ND			ND			ND			ND		
Organism	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total
Alternaria												
Ascospores	1	13	100.0%	1	13	50.0%	1	13	100.0%	1	13	50.0%
Aspergillus Penicillium												
Basidiospores										1	13	50.0%
Bipolaris Drechslera												
Chaetomium												
Cladosporium												
Curvularia												
Epicoccum												
Fusarium												
Memnoniella												
Myxomycetes												
Pithomyces				1	13	50.0%						
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Total	1	13	100%	2	26	100%	1	13	100%	2	26	100%

Water Damage Indicator

Common Allergen

Slightly Higher than Baseline

Significantly Higher than Baseline

Ratio Abnormality



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Stephen N. Hayes

Date:
 11 - 11 - 2020

Sample Number	17	3410875		18	3410877		19	3410871		20	3410881	
Sample Name	#12 Central			#13 Central			#14 Central			#15		
Sample Volume	75.00 liter			75.00 liter			75.00 liter			75.00 liter		
Reporting Limit	13 spores/m³			13 spores/m³			13 spores/m³			13 spores/m³		
Background	2			2			2			2		
Fragments	ND			ND			ND			ND		
Organism	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total
Alternaria												
Ascospores	2	27	66.7%	1	13	100.0%	2	27	66.7%	2	27	100.0%
Aspergillus Penicillium												
Basidiospores												
Bipolaris Drechslera												
Chaetomium												
Cladosporium	1	13	33.3%				1	13	33.3%			
Curvularia												
Epicoccum												
Fusarium												
Memnoniella												
Myxomycetes												
Pithomyces												
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Total	3	40	100%	1	13	100%	3	40	100%	2	27	100%

Water Damage Indicator

Common Allergen

Slightly Higher than Baseline

Significantly Higher than Baseline

Ratio Abnormality



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Stephen N. Hayes

Date:
11 - 11 - 2020

Sample Number	21	3410867		22	3410861		23	3410873		24	3410864	
Sample Name	#16 Central			#17 Central			#18 Central			#19 Central		
Sample Volume	75.00 liter			75.00 liter			75.00 liter			75.00 liter		
Reporting Limit	13 spores/m³			13 spores/m³			13 spores/m³			13 spores/m³		
Background	2			2			2			2		
Fragments	ND			ND			ND			ND		
Organism	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total
Alternaria												
Ascospores	1	13	50.0%	1	13	100.0%	2	27	66.7%	1	13	100.0%
Aspergillus Penicillium												
Basidiospores	1	13	50.0%				1	13	33.3%			
Bipolaris Drechslera												
Chaetomium												
Cladosporium												
Curvularia												
Epicoccum												
Fusarium												
Memnoniella												
Myxomycetes												
Pithomyces												
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Total	2	26	100%	1	13	100%	3	40	100%	1	13	100%

Water Damage Indicator

Common Allergen

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Significantly Higher than Baseline

Ratio Abnormality



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Stephen N. Hayes

Date:
11 - 11 - 2020

Sample Number	25	3410869		26	3410880		27	3410879		28	3410865	
Sample Name	#20 Central			#21 Central			#22 Central			#23 Central		
Sample Volume	75.00 liter			75.00 liter			75.00 liter			75.00 liter		
Reporting Limit	13 spores/m³			13 spores/m³			13 spores/m³			13 spores/m³		
Background	2			2			2			2		
Fragments	ND			ND			13/m³			ND		
Organism	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total
Alternaria												
Ascospores				2	27	100.0%	1	13	33.3%	1	13	50.0%
Aspergillus Penicillium												
Basidiospores	1	13	100.0%									
Bipolaris Drechslera												
Chaetomium												
Cladosporium							2	27	66.7%	1	13	50.0%
Curvularia												
Epicoccum												
Fusarium												
Memnoniella												
Myxomycetes												
Pithomyces												
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Total	1	13	100%	2	27	100%	3	40	100%	2	26	100%

Water Damage Indicator	Common Allergen	Slightly Higher than Baseline	Significantly Higher than Baseline	Ratio Abnormality
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Jerry Wiersig
BioClean Remediation, LLC

PO Box 233
 Magnolia Springs, AL 36555
 (251) 504-0747

0925LSC
 Louisiana State Capital
 900 N. 3rd Street

#20042264

Spore Trap
 SOP - HMC#101

Sample Number	29	3410860				
Sample Name	#24 Central					
Sample Volume	75.00 liter					
Reporting Limit	13 spores/m ³					
Background	2					
Fragments	ND					
Organism	Raw Count	Count / m ³	% of Total			
Alternaria						
Ascospores	1	13	100.0%			
Aspergillus Penicillium						
Basidiospores						
Bipolaris Drechslera						
Chaetomium						
Cladosporium						
Curvularia						
Epicoccum						
Fusarium						
Memnoniella						
Myxomycetes						
Pithomyces						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Total	1	13	100%			

Water Damage Indicator

Common Allergen

Slightly Higher than Baseline

Significantly Higher than Baseline

Ratio Abnormality



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Received: Nov 11, 2020

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Project Analyst:
 Ramesh Poluri, PhD

P. Ramesh

Date:
 11 - 11 - 2020

Reviewed By:
 Steve Hayes, BSMT

Stephen N. Hayes

Date:
 11 - 11 - 2020

3005 East Boundary Terrace, Suite F. Midlothian, VA. 23112

(804) 562-3435

contact@hayesmicrobial.com

Page: 9 of 11

Jerry Wiersig
BioClean Remediation, LLC

PO Box 233
Magnolia Springs, AL 36555
(251) 504-0747

0925LSC

Louisiana State Capital
900 N. 3rd Street
Baton Rouge, LA 70802

#20041043

Spore Trap
SOP - HMC#101

Sample Number	1	3410878		2	3410562		3	3410876		4	3410863	
Sample Name	Outside			#31			#30			#29		
Sample Volume	75.00 liter			75.00 liter			75.00 liter			75.00 liter		
Reporting Limit	13 spores/m³			13 spores/m³			13 spores/m³			13 spores/m³		
Background	3			2			2			3		
Fragments	453/m³			ND			13/m³			13/m³		
Organism	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total	Raw Count	Count / m³	% of Total
Alternaria	1	13	<1%									
Ascospores	174	2320	3.0%	2	27	16.7%	3	40	25.0%			
Aspergillus Penicillium										4	53	21.1%
Basidiospores	60	800	1.0%	2	27	16.7%	1	13	12.5%	1	13	5.3%
Bipolaris Drechslera												
Chaetomium												
Cladosporium	> 5600	> 74667	95.8%	8	107	66.7%				11	147	57.9%
Curvularia										1	13	5.3%
Epicoccum	5	67	<1%							1	13	5.3%
Fusarium												
Memnoniella												
Myxomycetes	2	27	<1%							1	13	5.3%
Pithomyces	2	27	<1%									
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Total	> 5844	> 77921	100%	12	161	100%	4	53	100%	19	252	100%

Water Damage Indicator

Common Allergen

Slightly Higher than Baseline

Significantly Higher than Baseline

Ratio Abnormality



Collected: **Oct 26, 2020**

Received: **Nov 3, 2020**

Reported: **Nov 3, 2020**

Project Analyst:
Connor Gailliot, BS

Date:
11 - 03 - 2020

Reviewed By:
Steve Hayes, BSMT

Date:
11 - 03 - 2020

3005 East Boundary Terrace, Suite F. Midlothian, VA. 23112

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Page: 2 of 6

Jerry Wiersig
BioClean Remediation, LLC

PO Box 233
 Magnolia Springs, AL 36555
 (251) 504-0747

0925LSC

Louisiana State Capital
 900 N. 3rd Street
 Baton Rouge, LA 70802

#20041043

Spore Trap
 SOP - HMC#101

Sample Number	5	3410885		6	3410866		7	3410882	
Sample Name	#28			#26			#25		
Sample Volume	75.00 liter			75.00 liter			75.00 liter		
Reporting Limit	13 spores/m ³			13 spores/m ³			13 spores/m ³		
Background	2			3			2		
Fragments	ND			27/m ³			ND		
Organism	Raw Count	Count / m ³	% of Total	Raw Count	Count / m ³	% of Total	Raw Count	Count / m ³	% of Total
Alternaria									
Ascospores	1	13	5.6%	2	27	33.3%			
Aspergillus Penicillium	7	93	38.9%						
Basidiospores	2	27	11.1%	1	13	16.7%	1	13	50.0%
Bipolaris Drechslera									
Chaetomium									
Cladosporium	8	107	44.4%	2	27	33.3%			
Curvularia									
Epicoccum									
Fusarium									
Memnoniella									
Myxomycetes				1	13	16.7%	1	13	50.0%
Pithomyces									
Stachybotrys									
Stemphylium									
Torula									
Ulocladium									
Total	18	240	100%	6	80	100%	2	26	100%

Water Damage Indicator	Common Allergen	Slightly Higher than Baseline	Significantly Higher than Baseline	Ratio Abnormality
------------------------	-----------------	-------------------------------	------------------------------------	-------------------



Collected: Oct 26, 2020

Received: Nov 3, 2020

Reported: Nov 3, 2020

Project Analyst:
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Date:
 11 - 03 - 2020

Reviewed By:
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Page: 3 of 6

Spore Trap Information

Reporting Limit	The Reporting Limit is the lowest number of spores that can be detected based on the total volume of the sample collected and the percentage of the slide that is counted. At Hayes Microbial, 100% of the slide is read so the LOD is based solely on the total volume. Raw spore counts that exceed 500 spores will be estimated.
Blanks	Results have not been corrected for field or laboratory blanks.
Background	The Background is the amount of debris that is present in the sample. This debris consists of skin cells, dirt, dust, pollen, drywall dust and other organic and non-organic matter. As the background density increases, the likelihood of spores, especially small spores such as those of Aspergillus and Penicillium may be obscured. The background is rated on a scale of 1 to 5 and each level is determined as follows: NBD: No background detected due to possible pump or cassette malfunction. Recollect sample. (Field Blanks will display NBD) 1 : <5% of field occluded. No spores will be uncountable. 2 : 5-25% of field occluded. 3 : 25-75% of field occluded. 4 : 75-90% of field occluded. 5 : >90% of field occluded. Suggested recollection of sample.
Fragments	Fragments are small pieces of fungal mycelium or spores. They are not identifiable as to type and when present in very large numbers, may indicate the presence of mold amplification.
Control Comparisons	There are no national standards for the numbers of fungal spores that may be present in the indoor environment. As a general rule and guideline that is widely accepted in the indoor air quality field, the numbers and types of spores that are present in the indoor environment should not exceed those that are present outdoors at any given time. There will always be some mold spores present in "normal" indoor environments. The purpose of sampling and counting spores is to help determine whether an abnormal condition exists within the indoor environment and if it does, to help pinpoint the area of contamination. Spore counts should not be used as the sole determining factor of mold contamination. There are many factors that can cause anomalies in the comparison of indoor and outdoor samples due to the dynamic nature of both of those environments.
Water Damage Indicator Common Allergen Slightly Higher than Baseline Significantly Higher than Baseline Ratio Abnormality	Blue: These molds are commonly seen in conditions of prolonged water intrusion and usually indicate a problem. Green: Although all molds are potential allergens, these are the most common allergens that may be found indoors. Orange: The spore count is slightly higher than the outside count and may or may not indicate a source of contamination. Red: The spore count is significantly higher than the baseline count and probably indicates a source of contamination. Violet: The types of spores found indoors should be similar to the ones that were identified in the baseline sample. Significant increases (more than 25%) in the ratio of a particular spore type may indicate the presence of abnormal levels of mold, even if the total number of spores of that type is lower in the indoor environment than it was outdoors.
Color Coding	Fungi that are present in indoor samples at levels lower than 200 per cubic meter are not color coded on the report, unless they are one of the water damage indicators.

Organism Descriptions

Alternaria	Habitat: Commonly found outdoors in soil and decaying plants. Indoors, it is commonly found on window sills and other horizontal surfaces.
	Effects: A common allergen and has been associated with hypersensitivity pneumonitis. Alternaria is capable of producing toxic metabolites which may be associated with disease in humans or animals. Occasionally an agent of onychomycosis, ulcerated cutaneous infection and chronic sinusitis, principally in the immunocompromised patient.
Ascospores	Habitat: A large group consisting of more than 3000 species of fungi. Common plant pathogens and outdoor numbers become very high following rain. Most of the genera are indistinguishable by spore trap analysis and are combined on the report.
	Effects: Health affects are poorly studied, but many are likely to be allergenic.
Aspergillus Penicillium	Habitat: The most common fungi isolated from the environment. Very common in soil and on decaying plant material. Are able to grow well indoors on a wide variety of substrates.
	Effects: This group contains common allergens and many can cause hypersensitivity pneumonitis. They may cause extrinsic asthma, and many are opportunistic pathogens. Many species produce mycotoxins which may be associated with disease in humans and other animals. Toxin production is dependent on the species, the food source, competition with other organisms, and other environmental conditions.
Basidiospores	Habitat: A common group of Fungi that includes the mushrooms and bracket fungi. They are saprophytes and plant pathogens. In wet conditions they can cause structural damage to buildings.
	Effects: Common allergens and are also associated with hypersensitivity pneumonitis.
Cladosporium	Habitat: One of the most common genera worldwide. Found in soil and plant debris and on the leaf surfaces of living plants. The outdoor numbers are lower in the winter and often relatively high in the summer, especially in high humidity. The outdoor numbers often spike in the late afternoon and evening. Indoors, it can be found growing on textiles, wood, sheetrock, moist window sills and in HVAC supply ducts.
	Effects: A common allergen, producing more than 10 allergenic antigens and a common cause of hypersensitivity pneumonitis.
Curvularia	Habitat: They exist in soil and plant debris, and are plant pathogens.
	Effects: They are allergenic and a common cause of allergic fungal sinusitis. An occasional cause of human infection, including keratitis, sinusitis, onychomycosis, mycetoma, pneumonia, endocarditis and disseminated infection, primarily in the immunocompromised.

Organism Descriptions

Epicoccum	Habitat: It is found in soil and plant litter and is a plant pathogen. It can grow indoors on a variety of substrates, including paper and textiles and is commonly found on wet drywall. Effects: It is a common allergen. No cases of infection have been reported in humans.
Myxomycetes	Habitat: Found on decaying plant material and as a plant pathogen. Effects: Some allergenic properties reported, but generally pose no health concerns to humans.
Pithomyces	Habitat: Common fungus isolated from soil, decaying plant material. Rarely found indoors. Effects: Allergenic properties are poorly studied. No cases of infection in humans.
Stachybotrys	Habitat: Commonly found in soil and on decaying plant material. It is cellulolytic, and can be found indoors on wet materials containing cellulose, such as wallboard, ceiling tile, and other paper-based materials. It is found outdoors on decaying plant material although it is rarely detected on outdoor air samples. Effects: Allergenic properties are poorly studied and no cases of infection have been reported in humans. They do however produce potent tricothecene mycotoxins. The toxins produced by this fungus can suppress the immune system affecting the lymphoid tissue and the bone marrow. The mycotoxin is also reported to be a liver and kidney carcinogen.

Spore Trap Information

Reporting Limit	The Reporting Limit is the lowest number of spores that can be detected based on the total volume of the sample collected and the percentage of the slide that is counted. At Hayes Microbial, 100% of the slide is read so the LOD is based solely on the total volume. Raw spore counts that exceed 500 spores will be estimated.
Blanks	Results have not been corrected for field or laboratory blanks.
Background	The Background is the amount of debris that is present in the sample. This debris consists of skin cells, dirt, dust, pollen, drywall dust and other organic and non-organic matter. As the background density increases, the likelihood of spores, especially small spores such as those of Aspergillus and Penicillium may be obscured. The background is rated on a scale of 1 to 5 and each level is determined as follows: NBD: No background detected due to possible pump or cassette malfunction. Recollect sample. (Field Blanks will display NBD) 1 : <5% of field occluded. No spores will be uncountable. 2 : 5-25% of field occluded. 3 : 25-75% of field occluded. 4 : 75-90% of field occluded. 5 : >90% of field occluded. Suggested recollection of sample.
Fragments	Fragments are small pieces of fungal mycelium or spores. They are not identifiable as to type and when present in very large numbers, may indicate the presence of mold amplification.
Control Comparisons	There are no national standards for the numbers of fungal spores that may be present in the indoor environment. As a general rule and guideline that is widely accepted in the indoor air quality field, the numbers and types of spores that are present in the indoor environment should not exceed those that are present outdoors at any given time. There will always be some mold spores present in "normal" indoor environments. The purpose of sampling and counting spores is to help determine whether an abnormal condition exists within the indoor environment and if it does, to help pinpoint the area of contamination. Spore counts should not be used as the sole determining factor of mold contamination. There are many factors that can cause anomalies in the comparison of indoor and outdoor samples due to the dynamic nature of both of those environments.
Water Damage Indicator Common Allergen Slightly Higher than Baseline Significantly Higher than Baseline Ratio Abnormality	Blue: These molds are commonly seen in conditions of prolonged water intrusion and usually indicate a problem. Green: Although all molds are potential allergens, these are the most common allergens that may be found indoors. Orange: The spore count is slightly higher than the outside count and may or may not indicate a source of contamination. Red: The spore count is significantly higher than the baseline count and probably indicates a source of contamination. Violet: The types of spores found indoors should be similar to the ones that were identified in the baseline sample. Significant increases (more than 25%) in the ratio of a particular spore type may indicate the presence of abnormal levels of mold, even if the total number of spores of that type is lower in the indoor environment than it was outdoors.
Color Coding	Fungi that are present in indoor samples at levels lower than 200 per cubic meter are not color coded on the report, unless they are one of the water damage indicators.

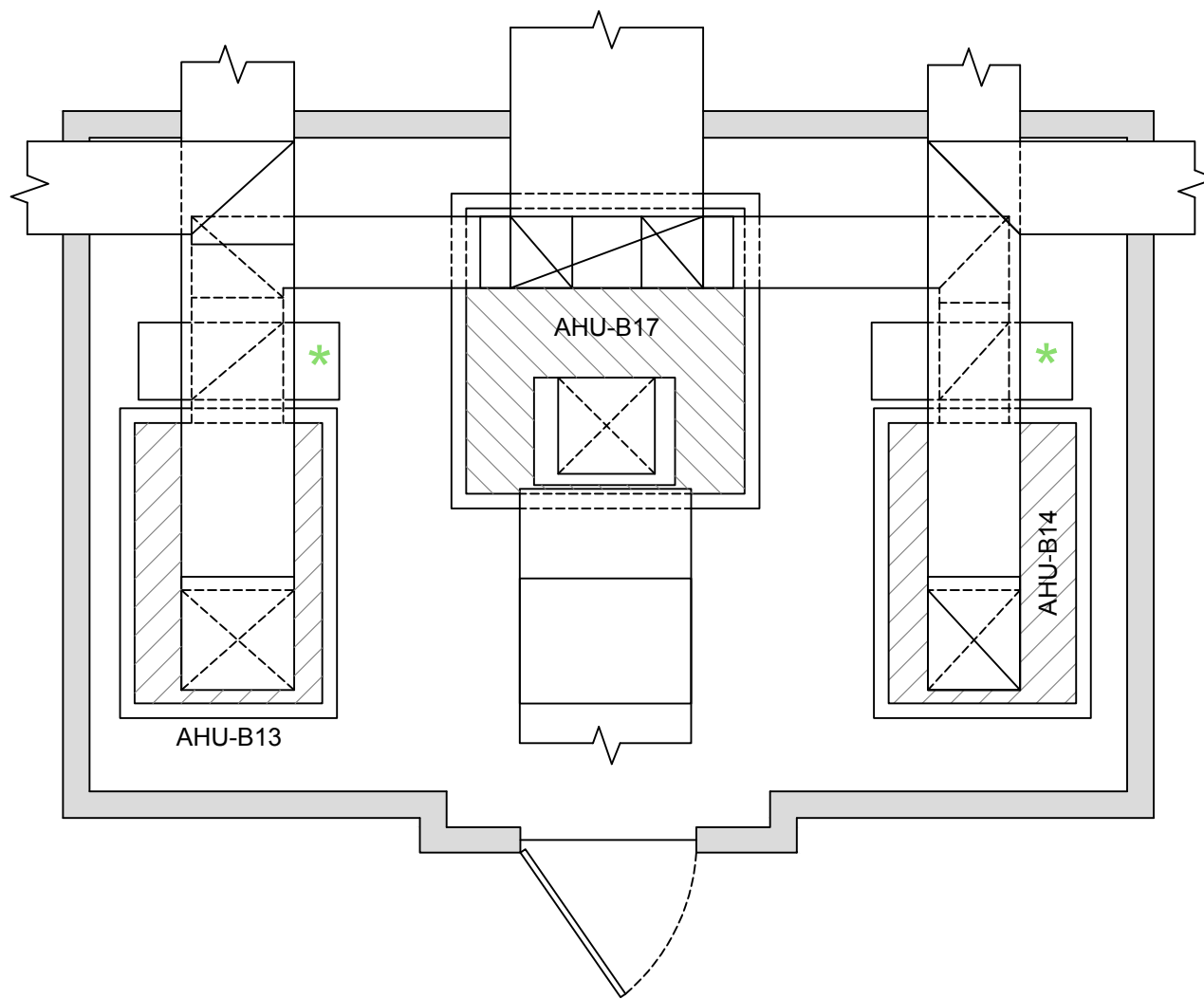
Organism Descriptions

Ascospores	Habitat: A large group consisting of more than 3000 species of fungi. Common plant pathogens and outdoor numbers become very high following rain. Most of the genera are indistinguishable by spore trap analysis and are combined on the report.
	Effects: Health affects are poorly studied, but many are likely to be allergenic.
Basidiospores	Habitat: A common group of Fungi that includes the mushrooms and bracket fungi. They are saprophytes and plant pathogens. In wet conditions they can cause structural damage to buildings.
	Effects: Common allergens and are also associated with hypersensitivity pneumonitis.
Cladosporium	Habitat: One of the most common genera worldwide. Found in soil and plant debris and on the leaf surfaces of living plants. The outdoor numbers are lower in the winter and often relatively high in the summer, especially in high humidity. The outdoor numbers often spike in the late afternoon and evening. Indoors, it can be found growing on textiles, wood, sheetrock, moist window sills and in HVAC supply ducts.
	Effects: A common allergen, producing more than 10 allergenic antigens and a common cause of hypersensitivity pneumonitis.
Curvularia	Habitat: They exist in soil and plant debris, and are plant pathogens.
	Effects: They are allergenic and a common cause of allergic fungal sinusitis. An occasional cause of human infection, including keratitis, sinusitis, onychomycosis, mycetoma, pneumonia, endocarditis and disseminated infection, primarily in the immunocompromised.
Pithomyces	Habitat: Common fungus isolated from soil, decaying plant material. Rarely found indoors.
	Effects: Allergenic properties are poorly studied. No cases of infection in humans.



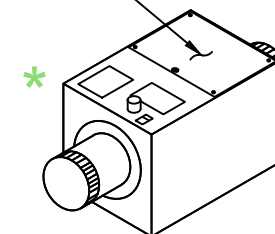
GREEN EARTH

— Technologies LLC —



Alario Hall Mechanical Room
Basement

Filter Access



ActivePure Units:
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2.) APU-C20579R *

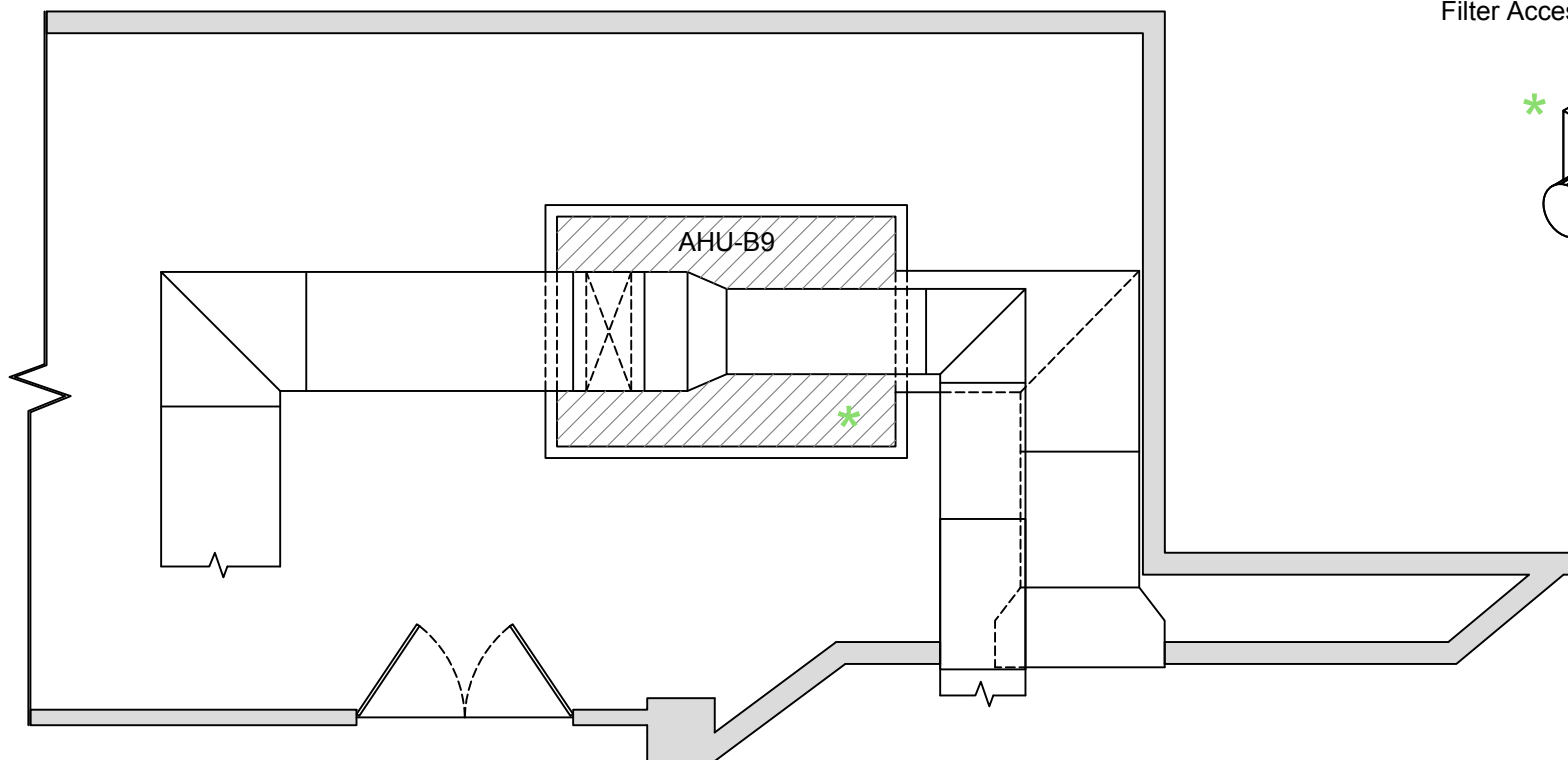


GREEN EARTH
Technologies LLC

Add: 1708 8th St, Harvey, LA 70058

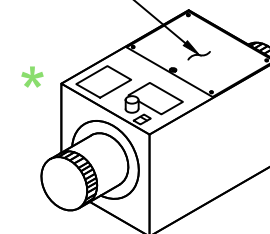
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-01	SHEET NO. 1 OF 28	

Air Handling Units:
1.) AHU-B13
2.) AHU-B14
3.) AHU-B17
4.) Ref. Document M-B.4 Phase 3



Senate Dungeon Mechanical Room
Basement

Filter Access



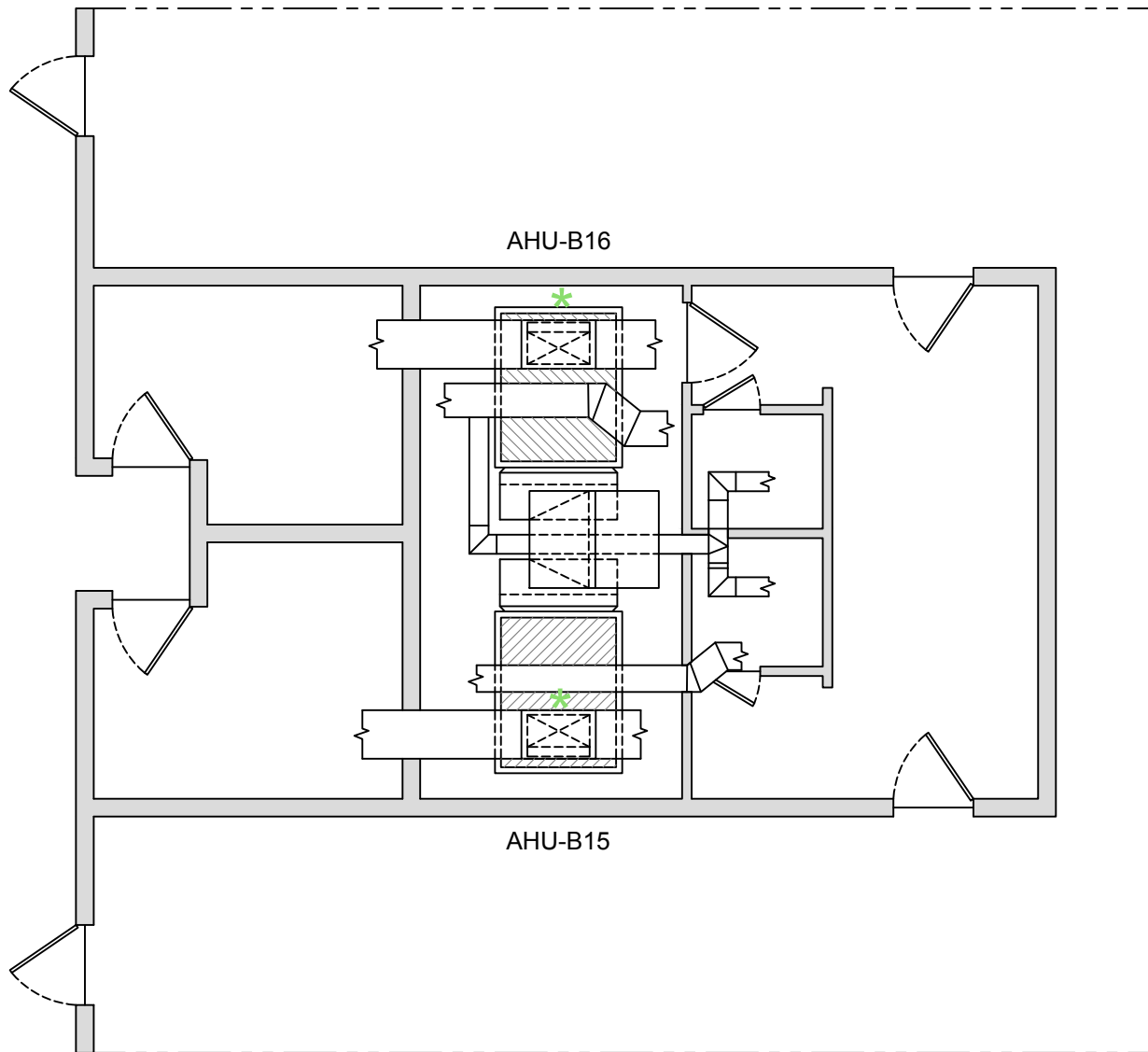
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Add: 1708 8th St, Harvey, LA 70058

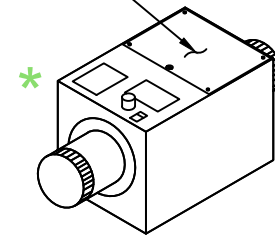
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-02	SHEET NO. 2 OF 28	

Air Handling Unit:
1.) AHU-B9
2.) Ref. Document M-1.1 Phase 3



Mechanical Room B104 (H)
Basement

Filter Access



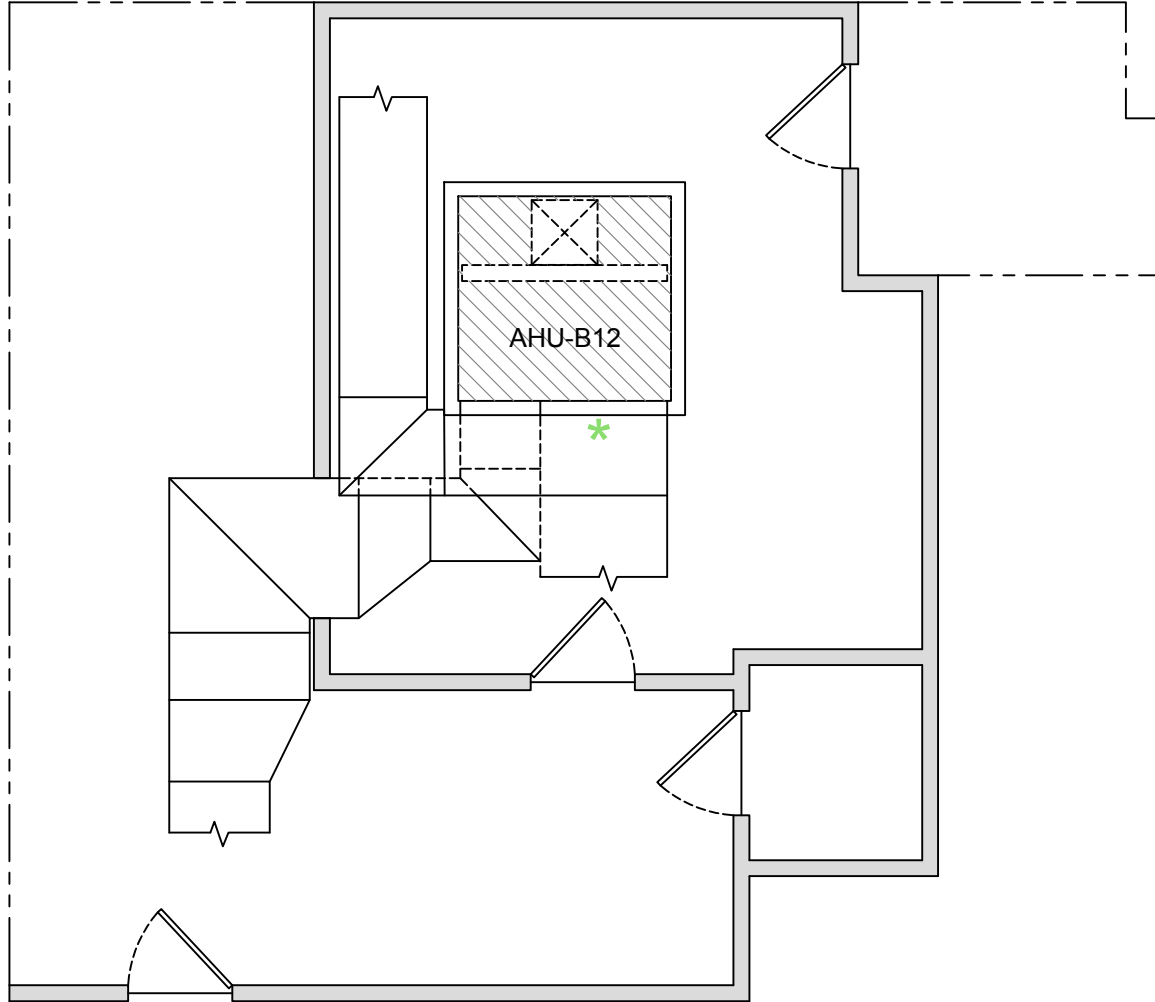
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2.) APU-C20583R *



Add: 1708 8th St, Harvey, LA 70058

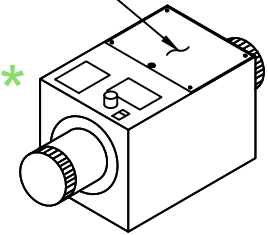
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-03	SHEET NO. 3 OF 28	

Air Handling Units:
1.) AHU-B15
2.) AHU-B16
3.) Ref. Document M-B.4 Phase 3



Mechanical Room B121 (H)
Basement

Filter Access



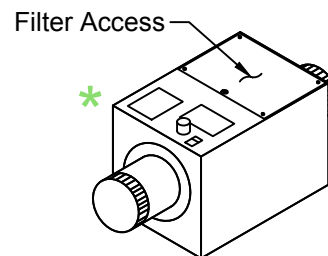
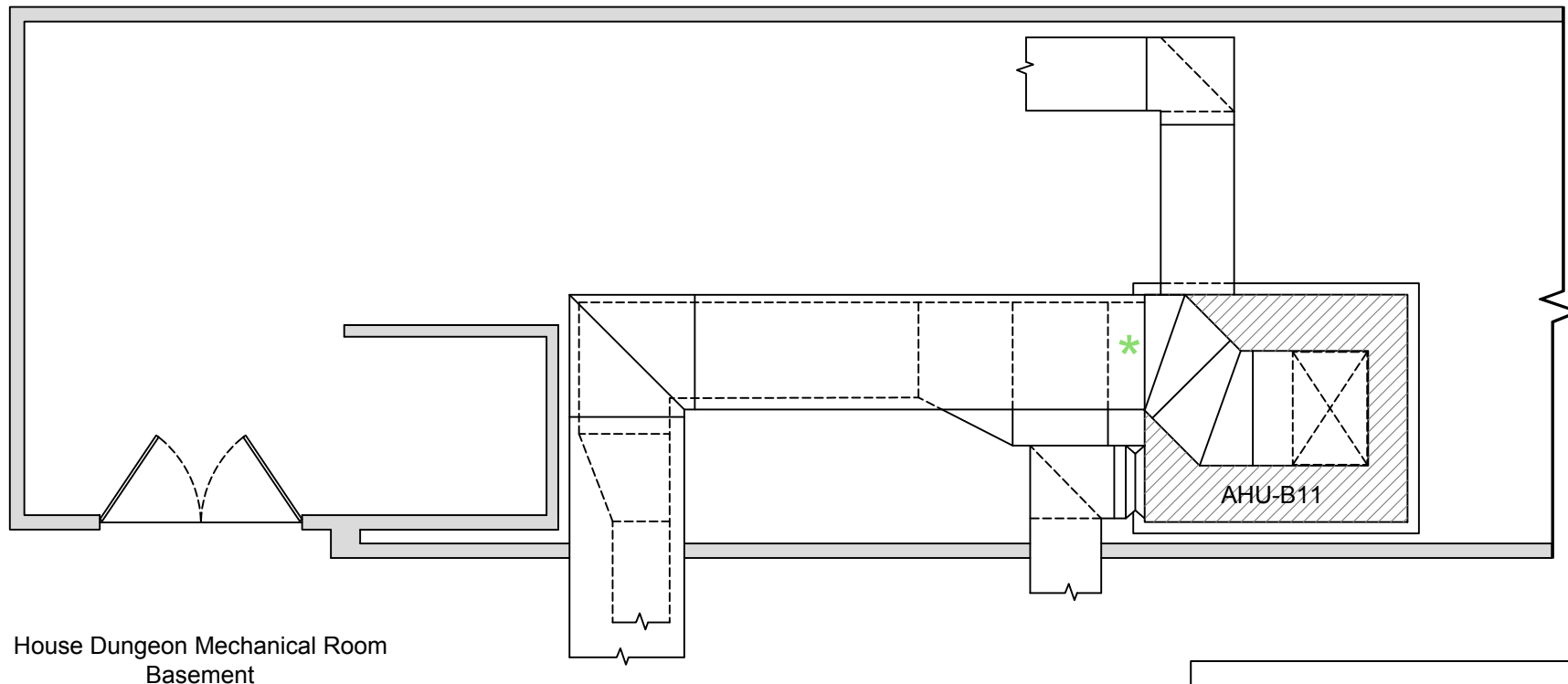
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Add: 1708 8th St, Harvey, LA 70058

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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-04	SHEET NO. 4 OF 28	

Air Handling Unit:
1.) AHU-B12
2.) Ref. Document M-B.4 Phase 3



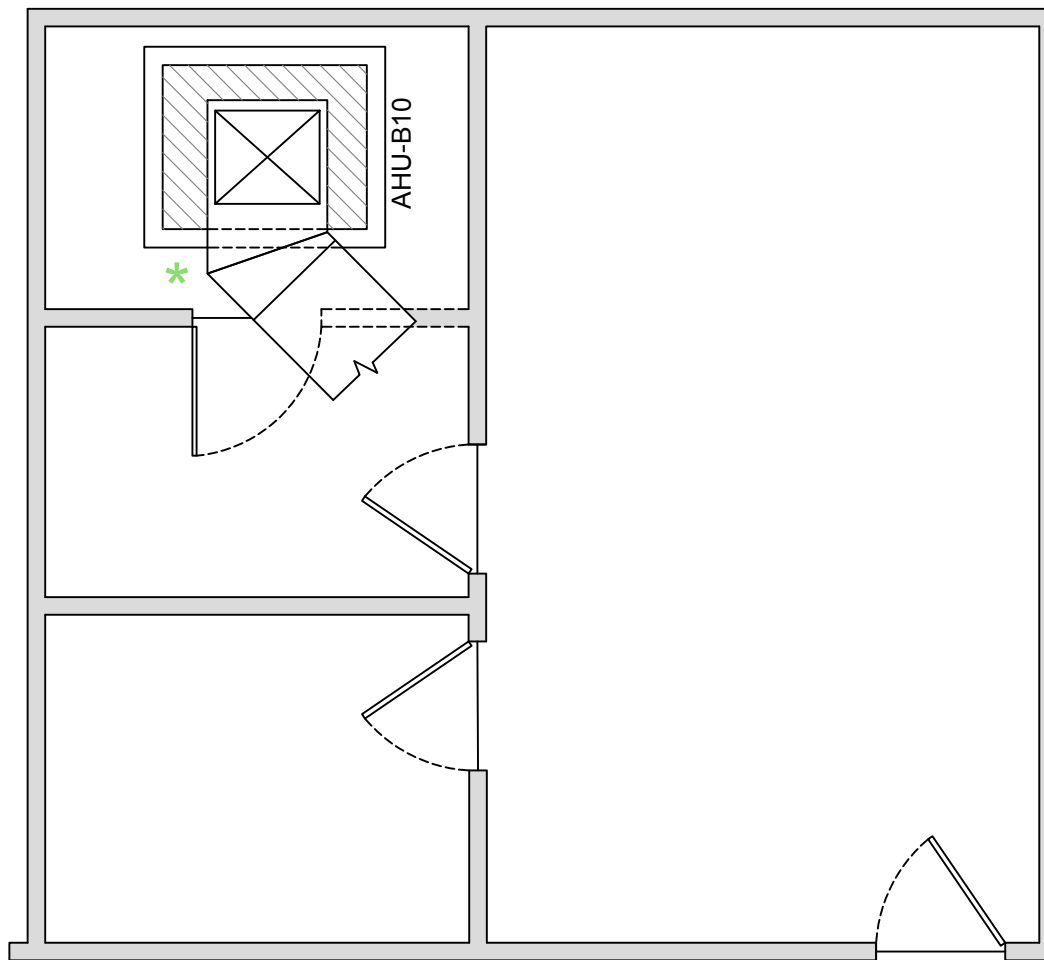
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Add: 1708 8th St, Harvey, LA 70058

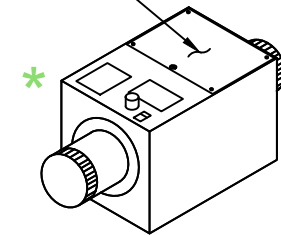
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-05	SHEET NO. 5 OF 28	

- Air Handling Unit:
1.) AHU-B11
2.) Ref. Document M-B.3 Phase 3



Mechanical Room B170 (H)
Basement

Filter Access



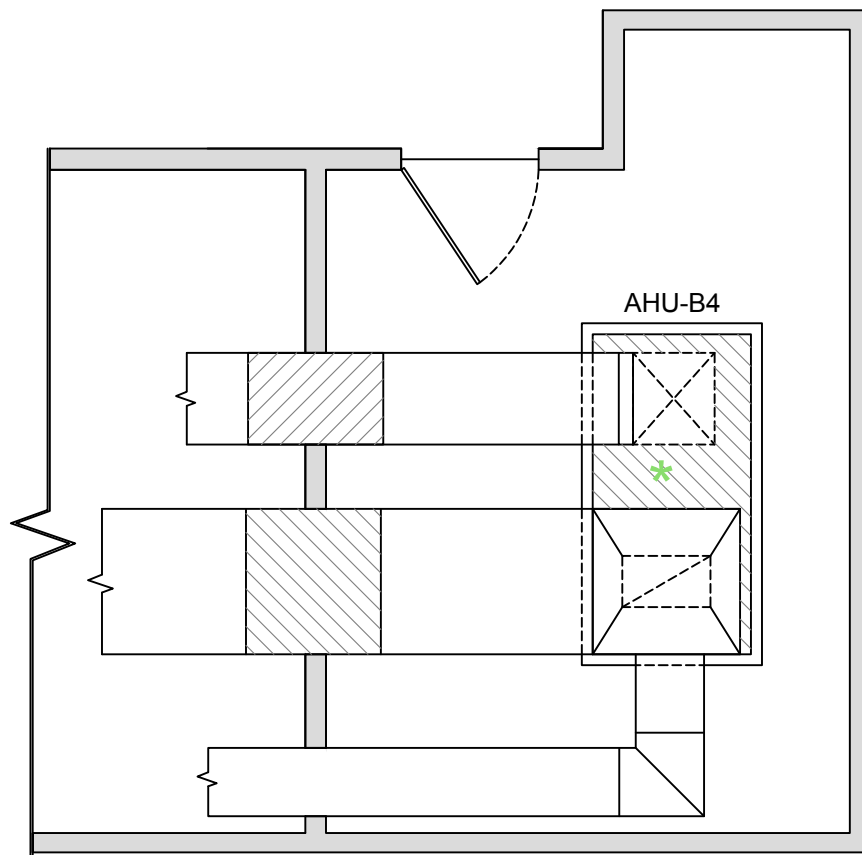
ActivePure Unit:
1.) APU-C20578R *



Add: 1708 8th St, Harvey, LA 70058

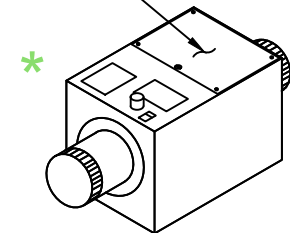
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-06	SHEET NO. 6 OF 28	

Air Handling Unit:
1.) AHU-B10
2.) Ref. Document M-B.3 Phase 3



Mechanical Room B200 (S)
Basement

Filter Access



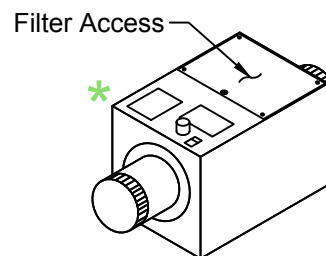
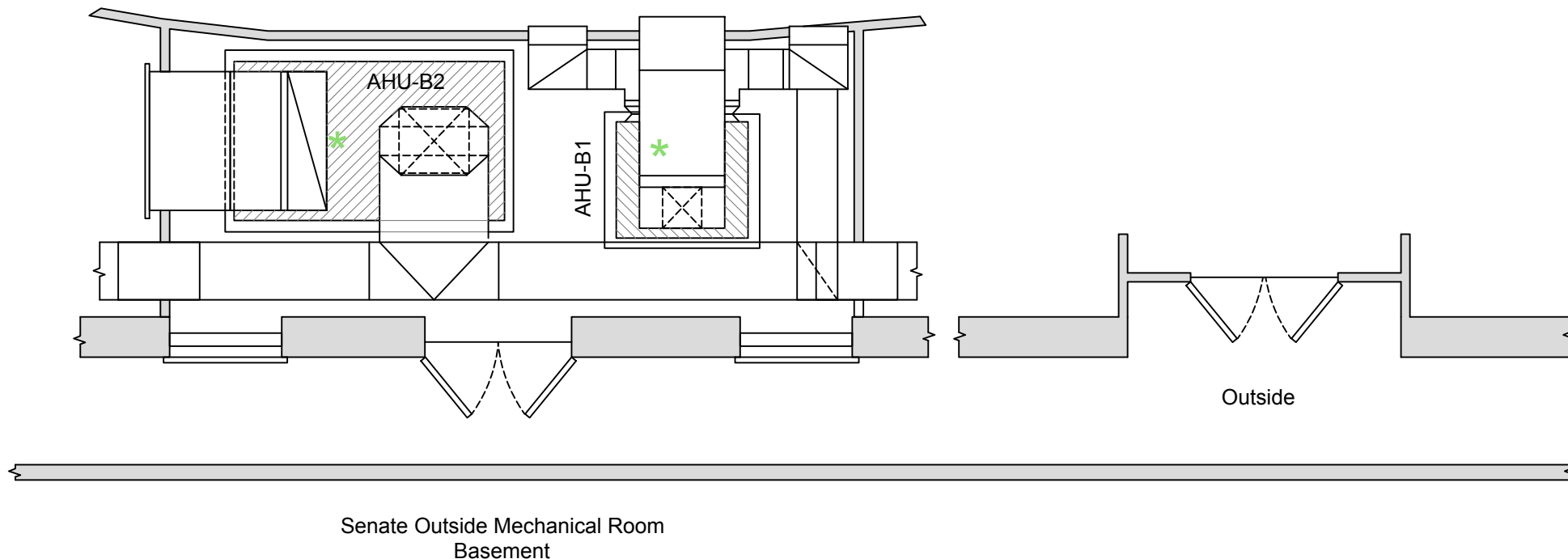
ActivePure Unit:
1.) APU-C20562R *



Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-07	SHEET NO. 7 OF 28	

Air Handling Unit:
1.) AUH-B4
2.) Ref. Document M-1.0 Phase 3



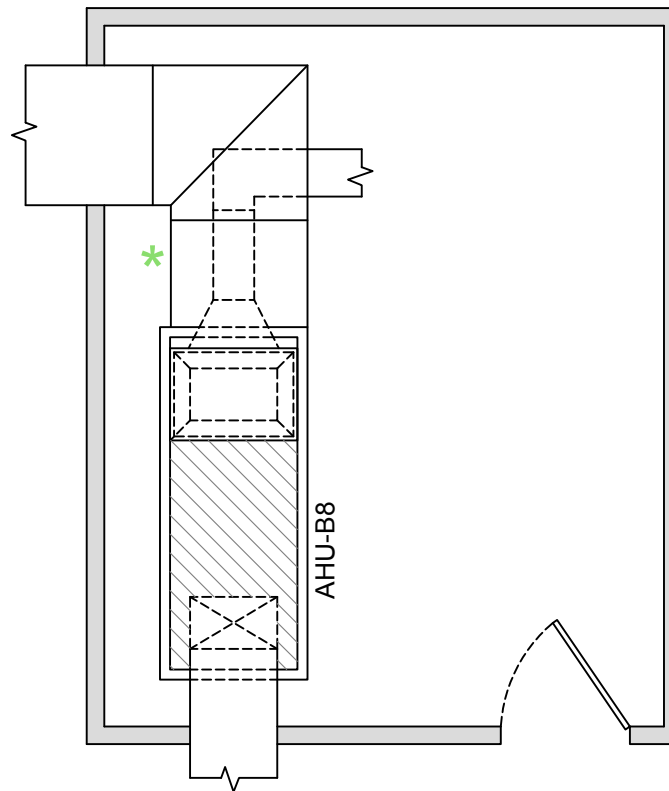
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2.) APU-C20623R *



Add: 1708 8th St, Harvey, LA 70058

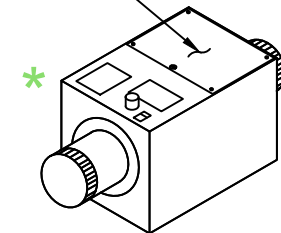
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-08	SHEET NO. 8 OF 28	

Air Handling Units:
1.) AHU-B1
2.) AHU-B2
3.) Ref. Document M-1.0 Phase 3



Mechanical Room B265 (S)
Basement

Filter Access



ActivePure Unit:
1.) APU-CxxxxR *

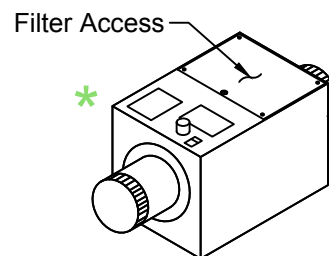
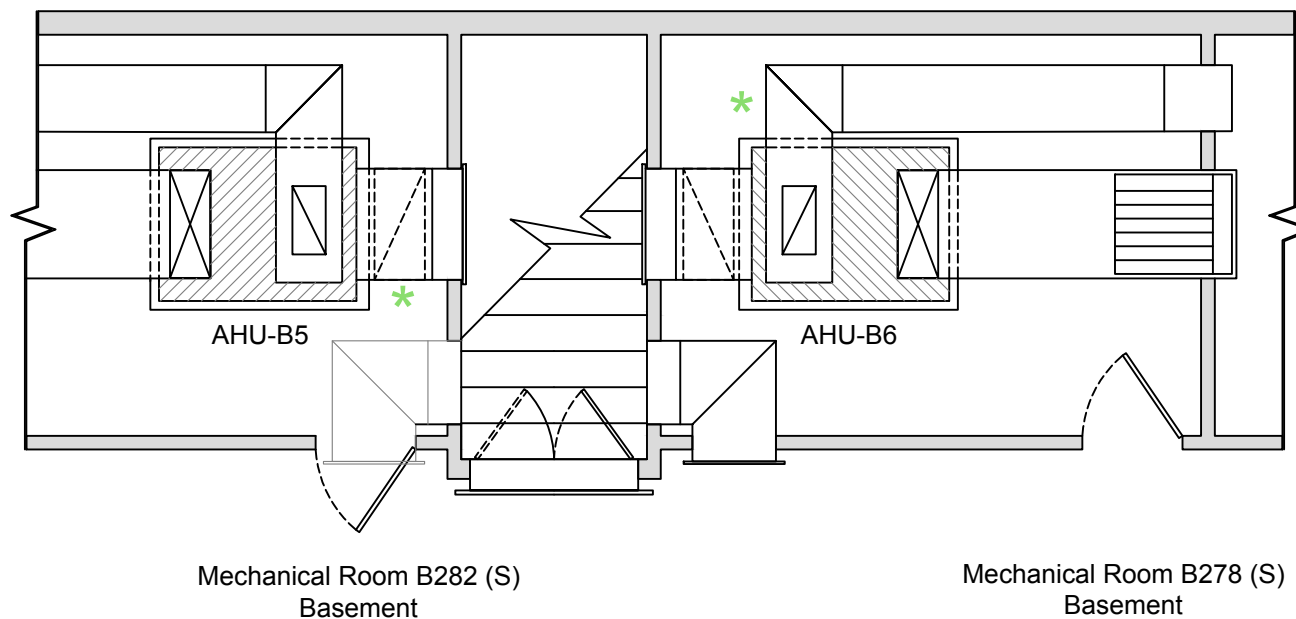


GREEN EARTH
Technologies LLC

Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-09	SHEET NO. 9 OF 28	

Air Handling Unit:
1.) AHU-B8
2.) Ref. Document M-1.1 Phase 3



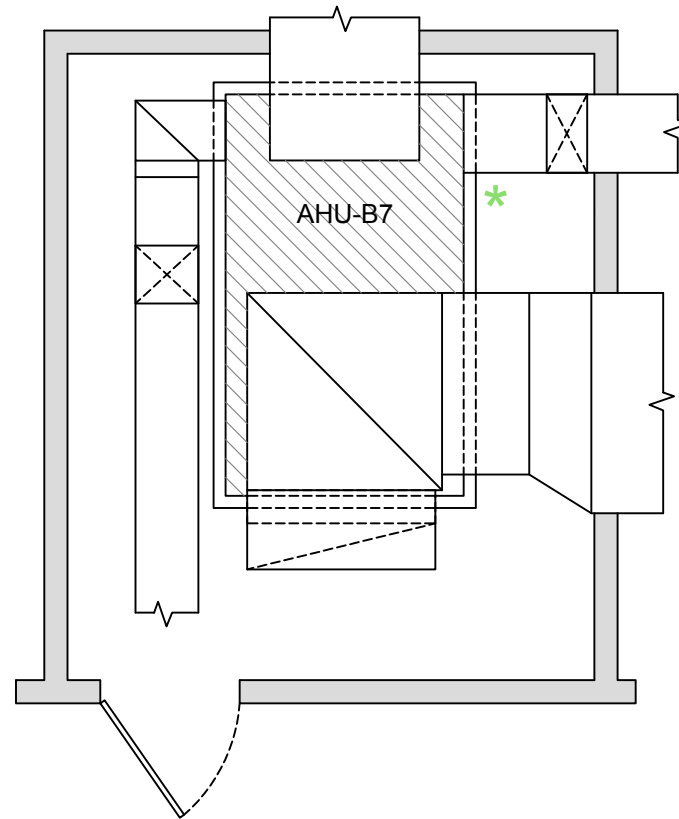
ActivePure Units:
1.) APU-C20599R *
2.) APU-C20596R *



Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
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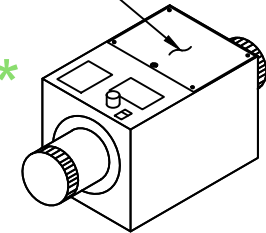
Air Handling Units:
1.) AHU-B5
2.) AHU-B6
3.) Ref. Document M-1.1 Phase 3



Mechanical Room B289 (S)
Basement

Filter Access

*



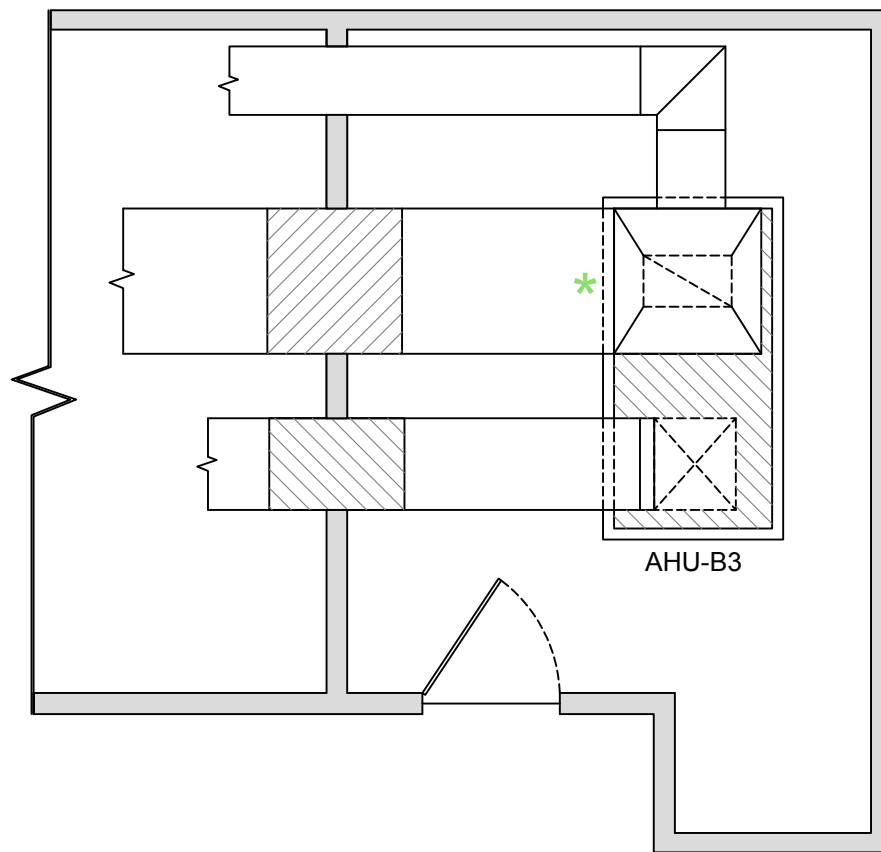
ActivePure Unit:
1.) APU-C20563R *



Add: 1708 8th St, Harvey, LA 70058

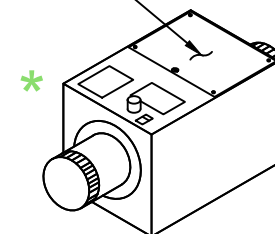
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-11	SHEET NO. 11 OF 28	

Air Handling Unit:
1.) AHU-B7
2.) Ref. Document M-1.0 Phase 3



Mechanical Room B306 (S)
Basement

Filter Access



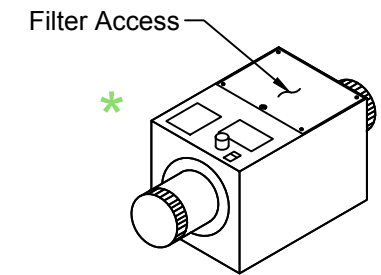
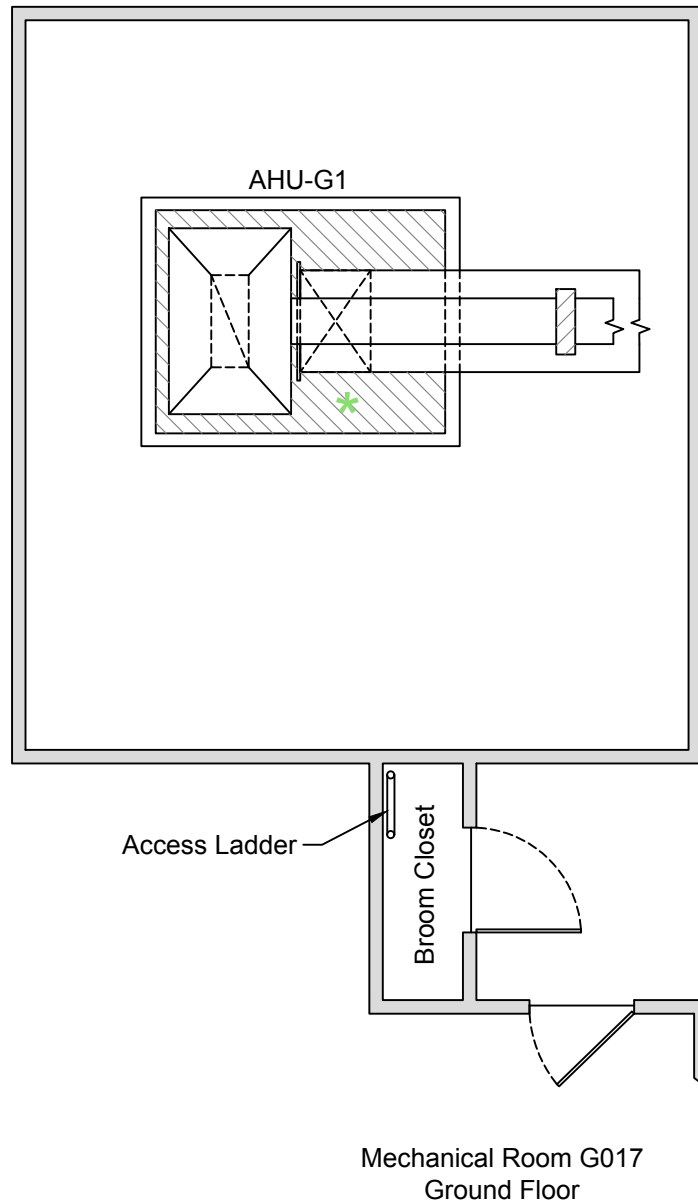
ActivePure Unit:
1.) APU-C20597R *



Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-12	SHEET NO. 12 OF 28	

Air Handling Units:
1.) AUH-B3
2.) Ref. Document M-1.0 Phase 3



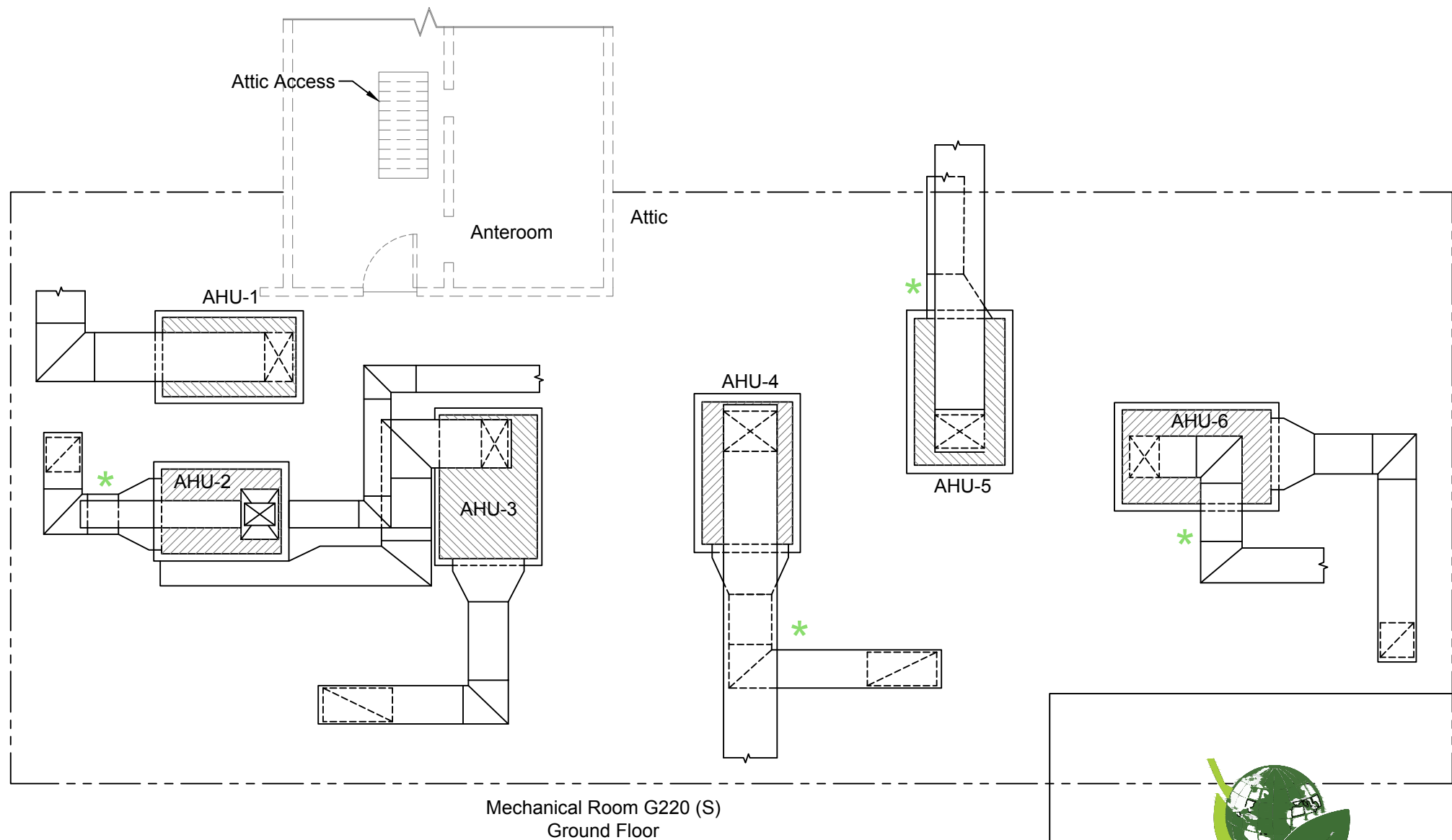
ActivePure Unit:
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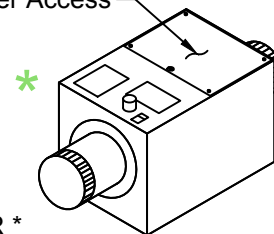
Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-13	SHEET NO. 13 OF 28	

Air Handling Unit:
1.) AHU-G1
2.) Ref. Document M-6.2 Phase 4 / M-G.1 Phase 5



Filter Access



- ActivePure Units:
- 1.) APU-C20629R *
 - 2.) APU-C20567R *
 - 3.) APU-C20612R *
 - 4.) APU-C20606R *



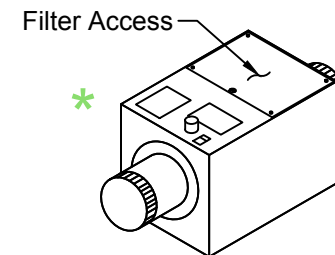
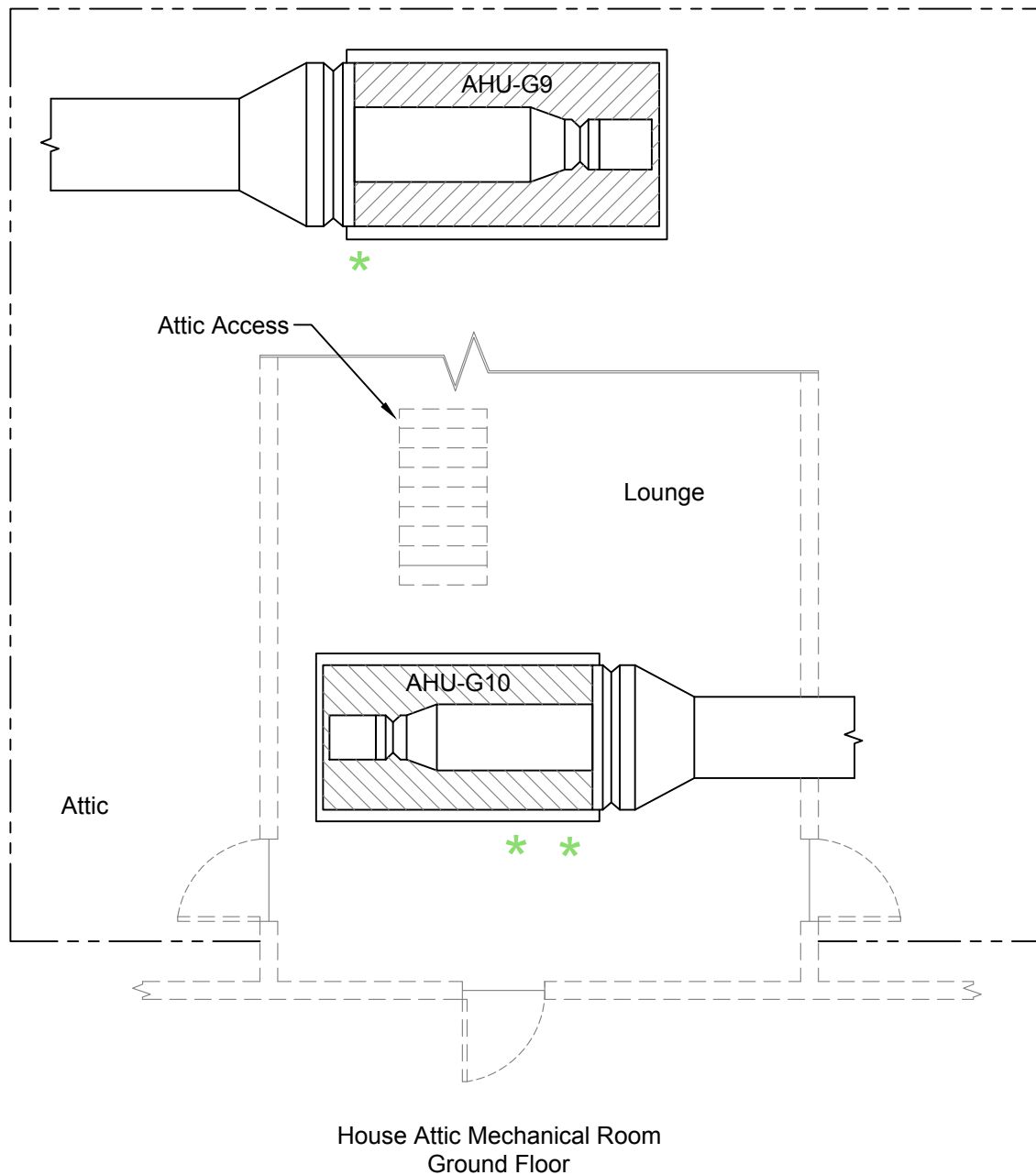
GREEN EARTH
Technologies LLC

Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-14	SHEET NO. 14 OF 28	

Air Handling Units:

- 1.) AHU-1
- 2.) AHU-2
- 3.) AHU-3
- 4.) AHU-4
- 5.) AHU-5
- 6.) AHU-6
- 7.) Ref. Document M-G.1 Phase 4



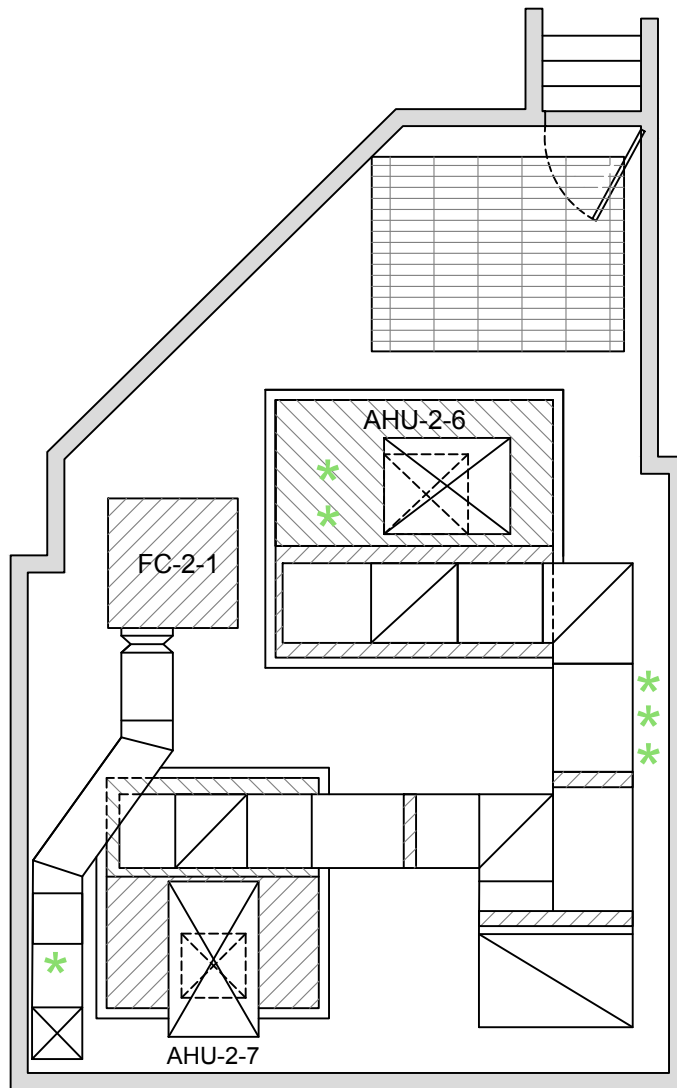
ActivePure Units:
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 2.) APU-C20635R *
 3.) APU-C20566R *



Add: 1708 8th St, Harvey, LA 70058

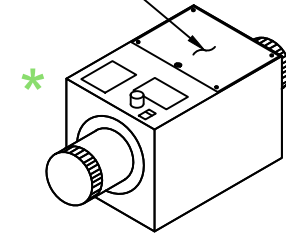
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-15	SHEET NO. 15 OF 28	

Air Handling Units:
 1.) AHU-G9
 2.) AHU-G10
 3.) Ref. Document M-G.2 Phase 5



Mechanical Room 202 (H)
1st Floor

Filter Access



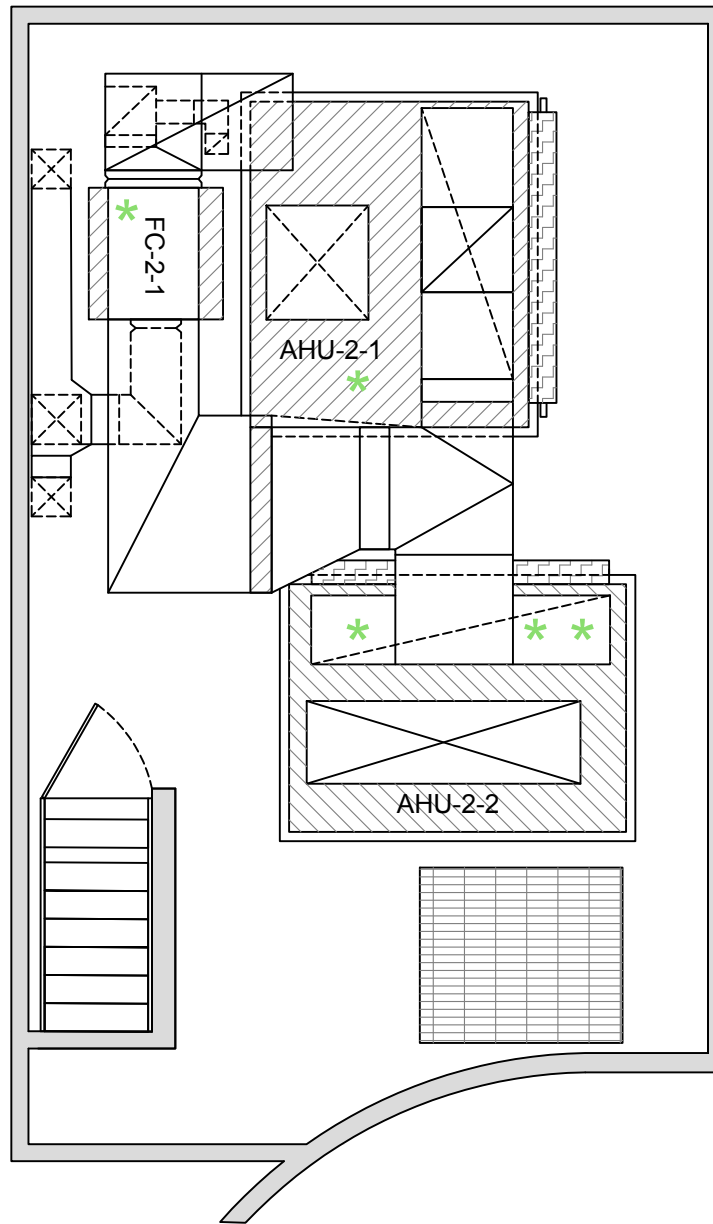
- ActivePure Units:
- 1.) APU-C20616R *
 - 2.) APU-C20622R *
 - 3.) APU-C20521R *
 - 4.) APU-C20618R *
 - 5.) APU-C20611R *
 - 6.) APU-C20620R *



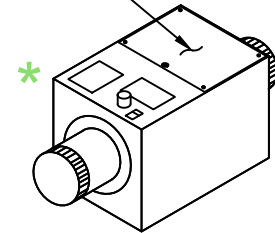
Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-16	SHEET NO. 16 OF 28	

- Air Handling Units:
- 1.) AHU-2-6
 - 2.) AHU-2-7
 - 3.) FC-2-1
 - 4.) Ref. Document M-6.3 Phase 4



Filter Access



ActivePure Units:

- 1.) APU-C20604R *
- 2.) APU-C20605R *
- 3.) APU-C20610R *
- 4.) APU-C20593R *
- 5.) APU-C20609R *

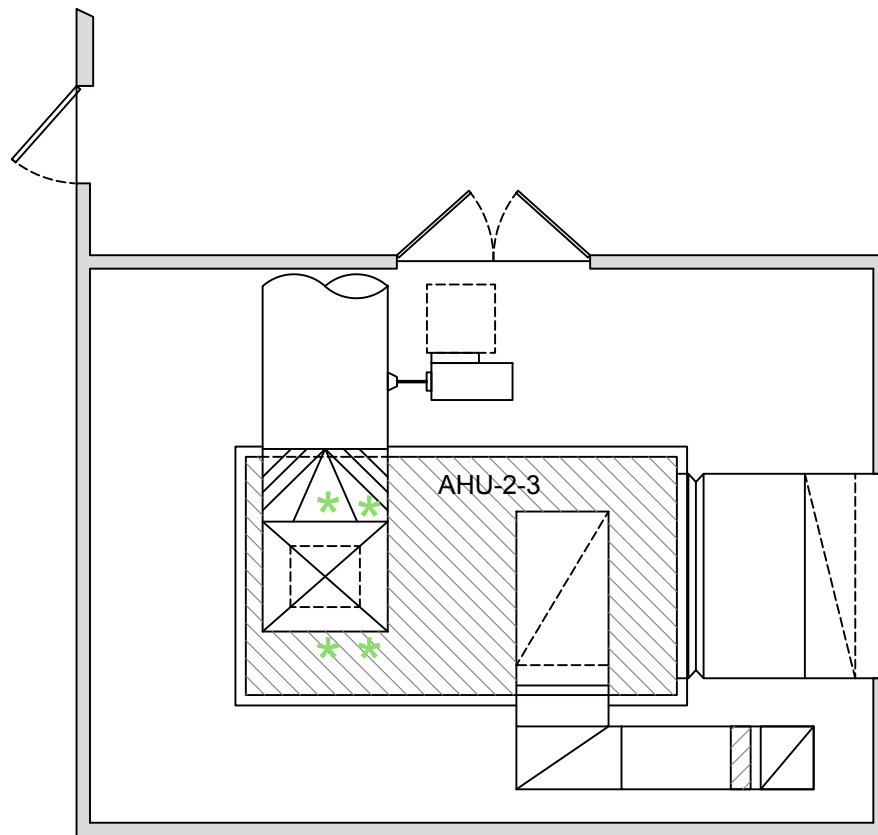


Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital			Version 1.0
DESCRIPTION: Inline Retrofit to HVAC		DWG. NO. LA-CAP-17	SHEET NO. 17 OF 28

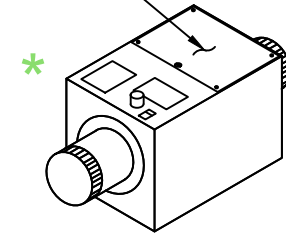
- Air Handling Units:
- 1.) AHU-2-1
 - 2.) AHU-2-2
 - 3.) FC-2-1
 - 4.) Ref. Document M-6.2 Phase 4

Mechanical Room 134 (S)
1st Floor



Mechanical Room A-2-3-S
2nd Floor

Filter Access



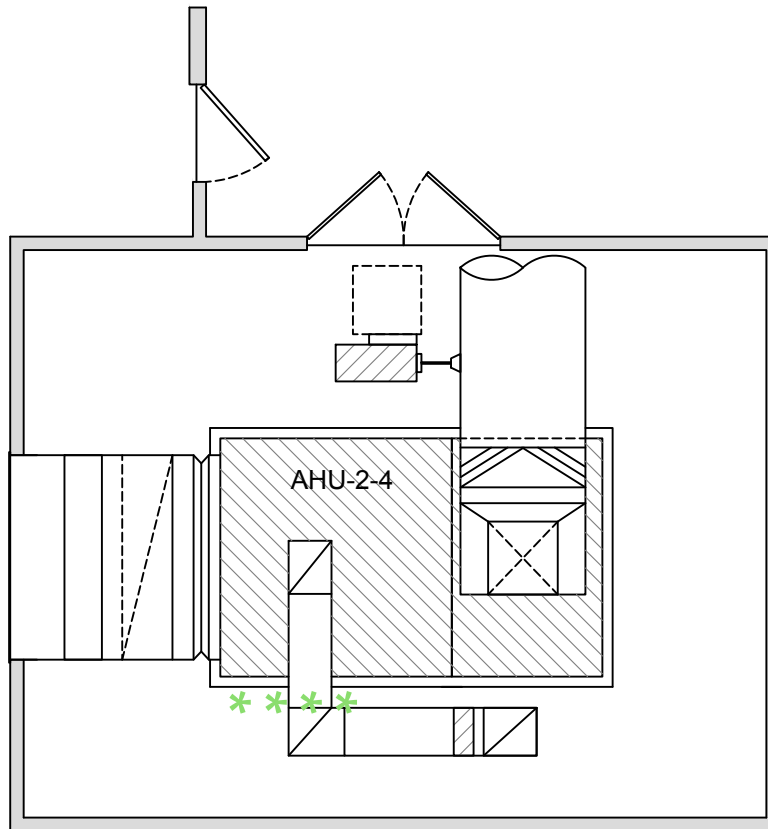
- ActivePure Units:
- 1.) APU-C20603R *
 - 2.) APU-C20608R *
 - 3.) APU-C20613R *
 - 4.) APU-C20615R *



Add: 1708 8th St, Harvey, LA 70058

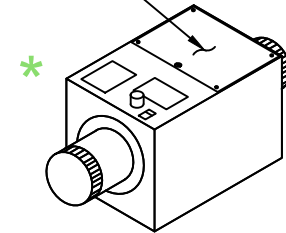
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-18	SHEET NO. 18 OF 28	

- Air Handling Unit:
- 1.) AHU-2-3
 - 2.) Ref. Document M-6.2 Phase 4



Mechanical Room 206 (H)
2nd Floor

Filter Access



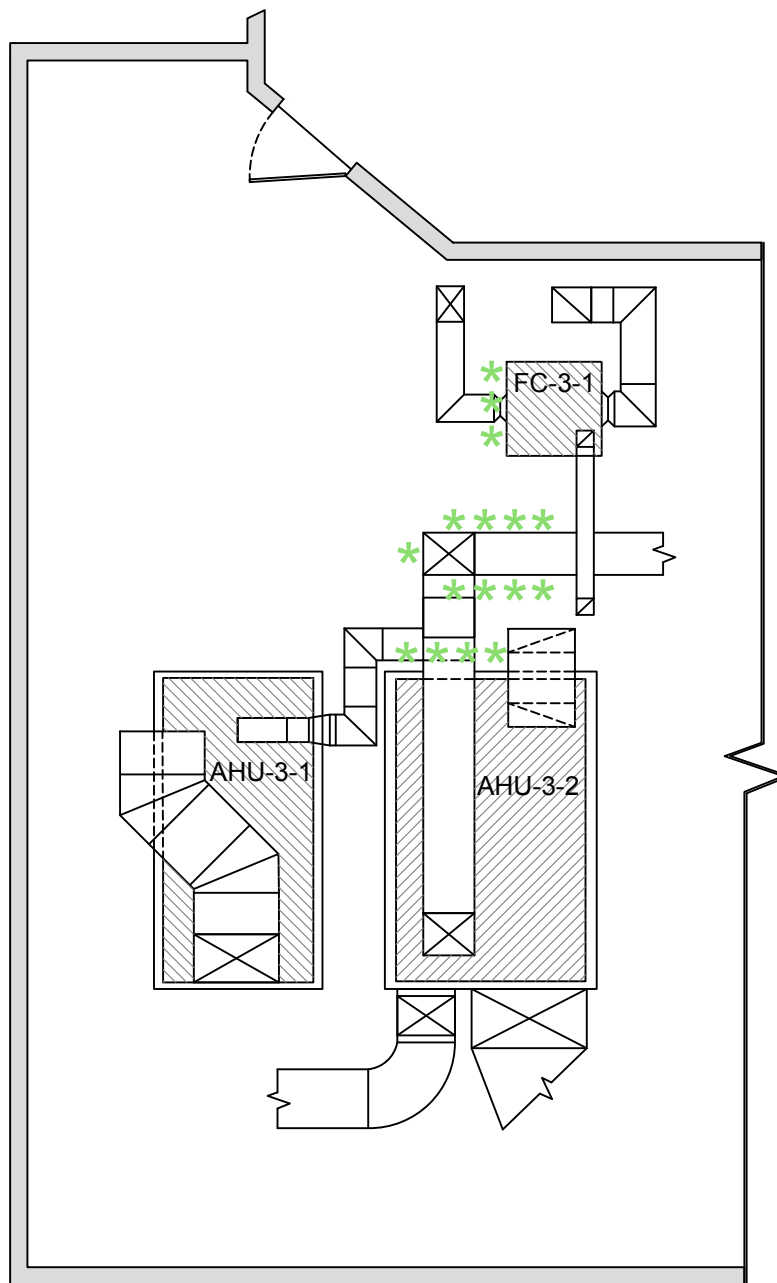
- ActivePure Units:
- 1.) APU-C20595R *
 - 2.) APU-C20602R *
 - 3.) APU-C20614R *
 - 4.) APU-C20619R *



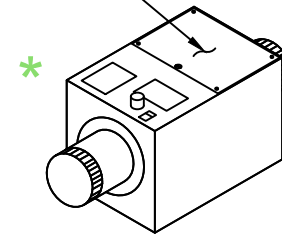
Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital		Version 1.0	
DESCRIPTION: Inline Retrofit to HVAC		DWG. NO. LA-CAP-19	SHEET NO. 19 OF 28

- Air Handling Unit:
- 1.) AHU-2-4
 - 2.) Ref. Document M-6.3 Phase 4



Filter Access



ActivePure Units:

- 1.) APU-C20626R *
- 2.) APU-C20633R *
- 3.) APU-C20625R *
- 4.) APU-C20634R *
- 5.) APU-C20628R *
- 6.) APU-C20631R *
- 7.) APU-C20632R *
- 8.) APU-C20627R *

ActivePure Units:

- 1.) APU-C20561R *
- 2.) APU-C20568R *
- 3.) APU-C20574R *
- 4.) APU-C20577R *
- 5.) APU-C20580R *
- 6.) APU-C20581R *
- 7.) APU-C20624R *
- 8.) APU-C20655R *

Mechanical Room 300 (S)
3rd Floor

Air Handling Units:

- 1.) AHU-3-1
- 2.) AHU-3-2
- 3.) FC-3-1
- 4.) Ref. Document M-3.1 Phase 5



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Add:

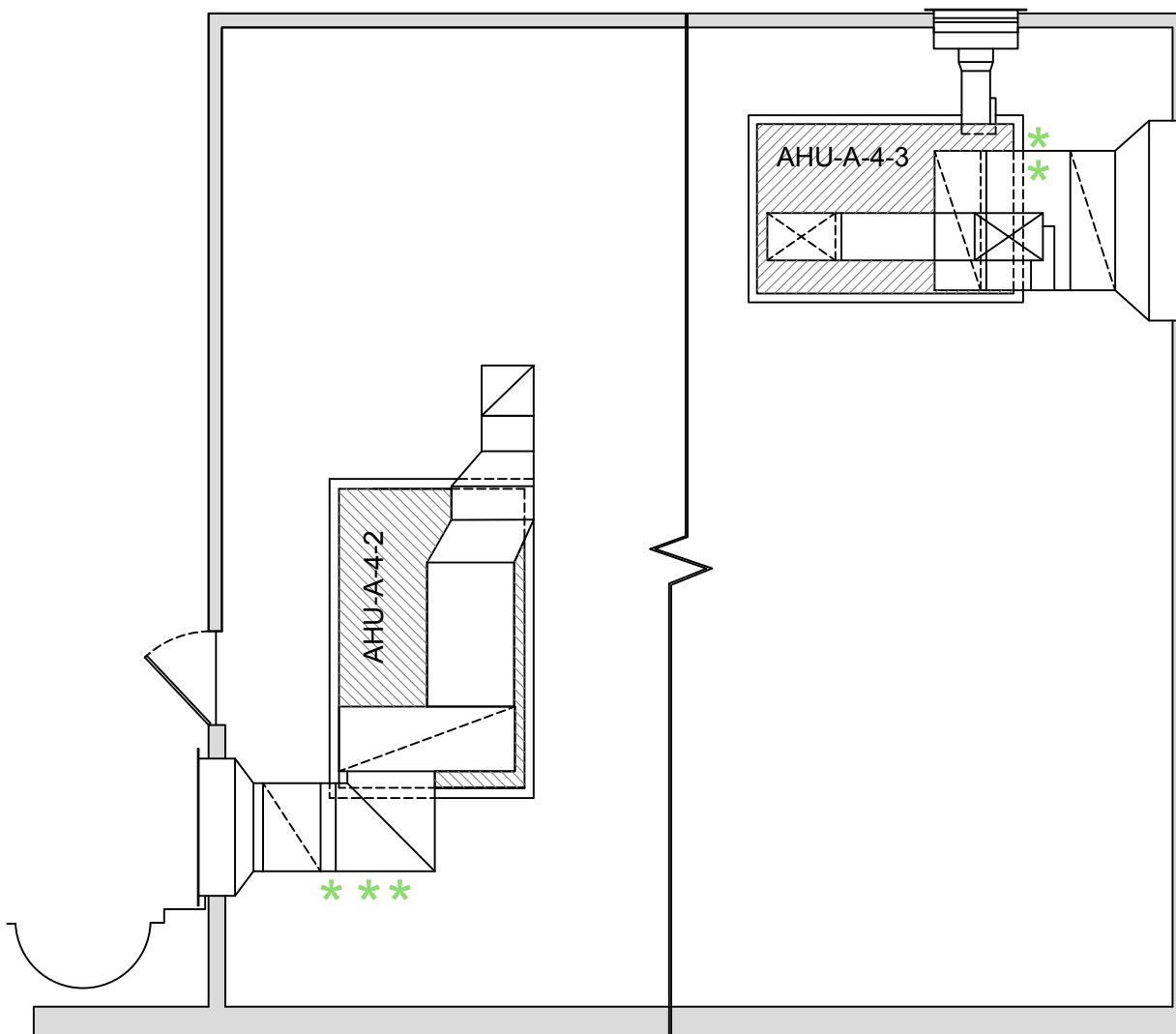
1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C | SCALE: N/A | DATE: 10-29-20 | Job ID: LA-CAP

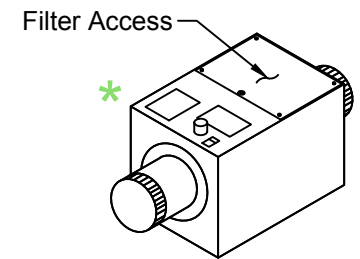
PROJECT: Louisiana State Capital | Version 1.0

DESCRIPTION: | DWG. NO. | SHEET NO.

Inline Retrofit to HVAC | LA-CAP-20 | 20 OF 28



4th Floor Mechanical Room



ActivePure Units:

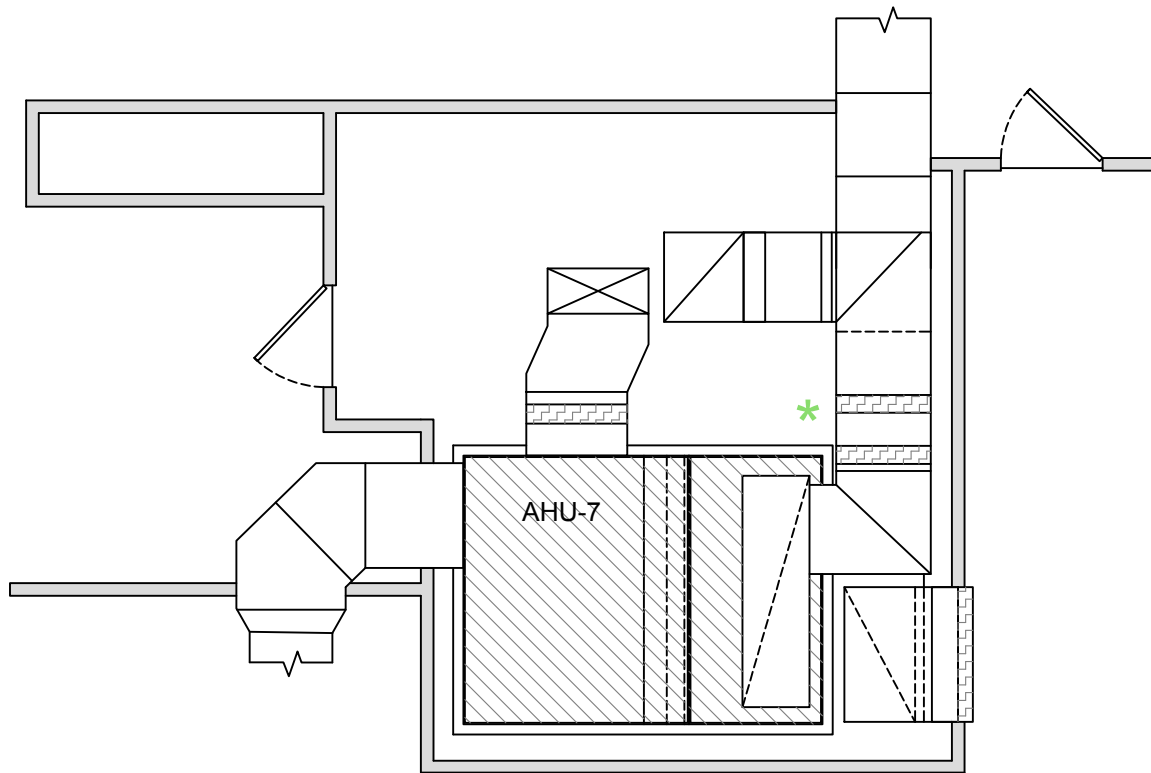
- 1.) APU-C20555R *
- 2.) APU-C20590R *
- 3.) APU-C20650R *
- 4.) APU-C20591R *
- 5.) APU-C20559R *



Add: 1708 8th St, Harvey, LA 70058

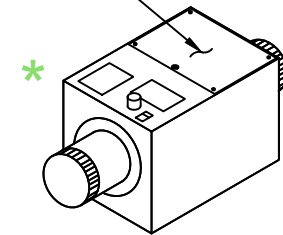
DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-21	SHEET NO. 21 OF 28	

- Air Handling Units:
- 1.) AHU-A-4-2
 - 2.) AHU-A-4-3
 - 3.) Ref. Document M-4.2 Phase 5



7th Floor Mechanical Room

Filter Access



ActivePure Unit:
1.) APR-C20558R *



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Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C | SCALE: N/A | DATE: 10-29-20 | Job ID: LA-CAP

PROJECT: Louisiana State Capital | Version 1.0

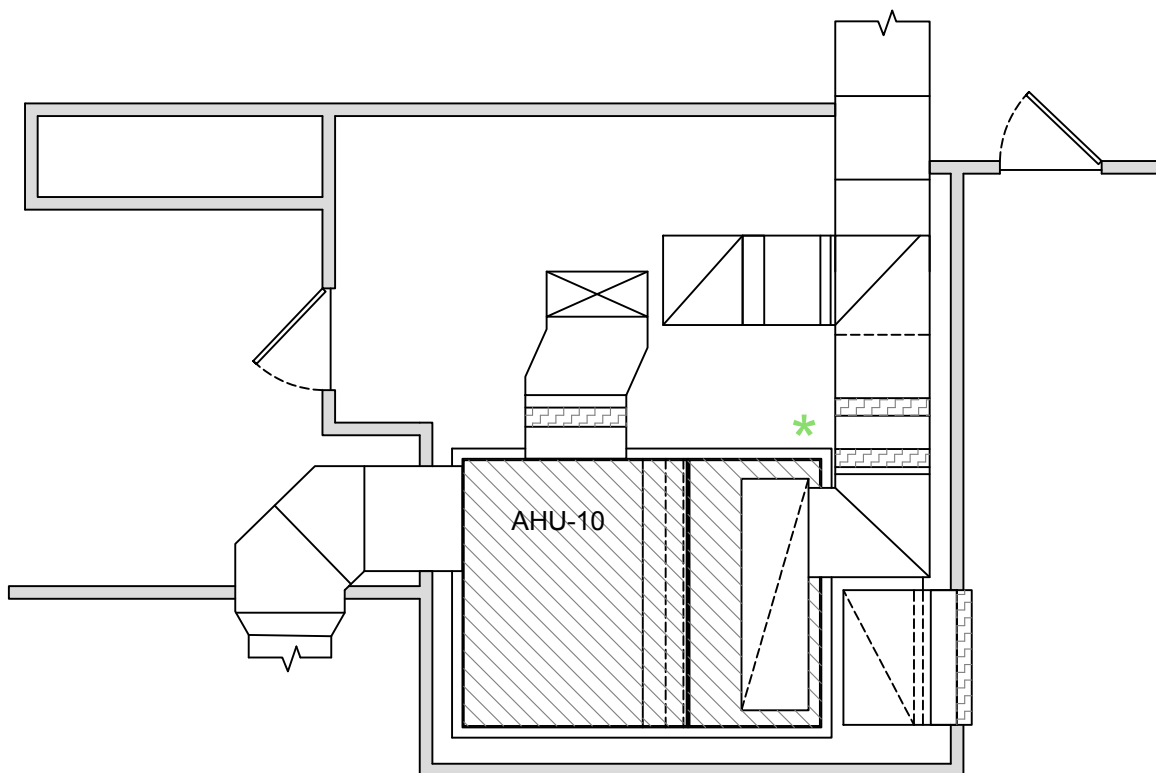
DESCRIPTION: | DWG. NO. | SHEET NO.

Inline Retrofit to HVAC | LA-CAP-22 | 22 OF 28

Air Handling Unit:

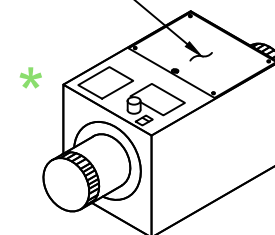
1.) AHU-7

2.) Ref. Document M4 Phase 2



10th Floor Mechanical Room

Filter Access



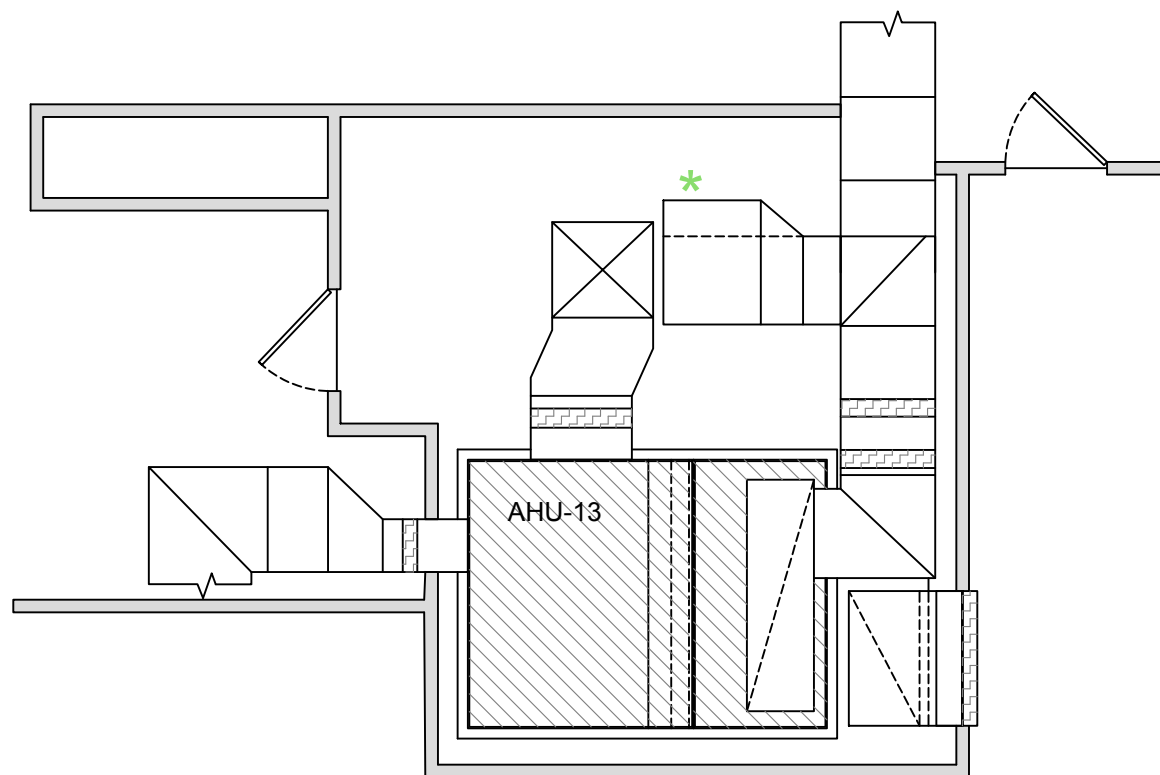
ActivePure Unit:
1.) APU-C20598R *

Air Handling Unit:
1.) AHU-10
2.) Ref. Document M5 Phase 2



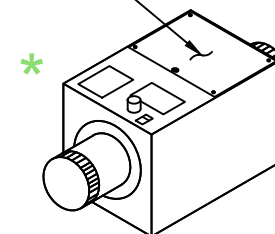
Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-23	SHEET NO. 23 OF 28	



12th Floor Mechanical Room

Filter Access



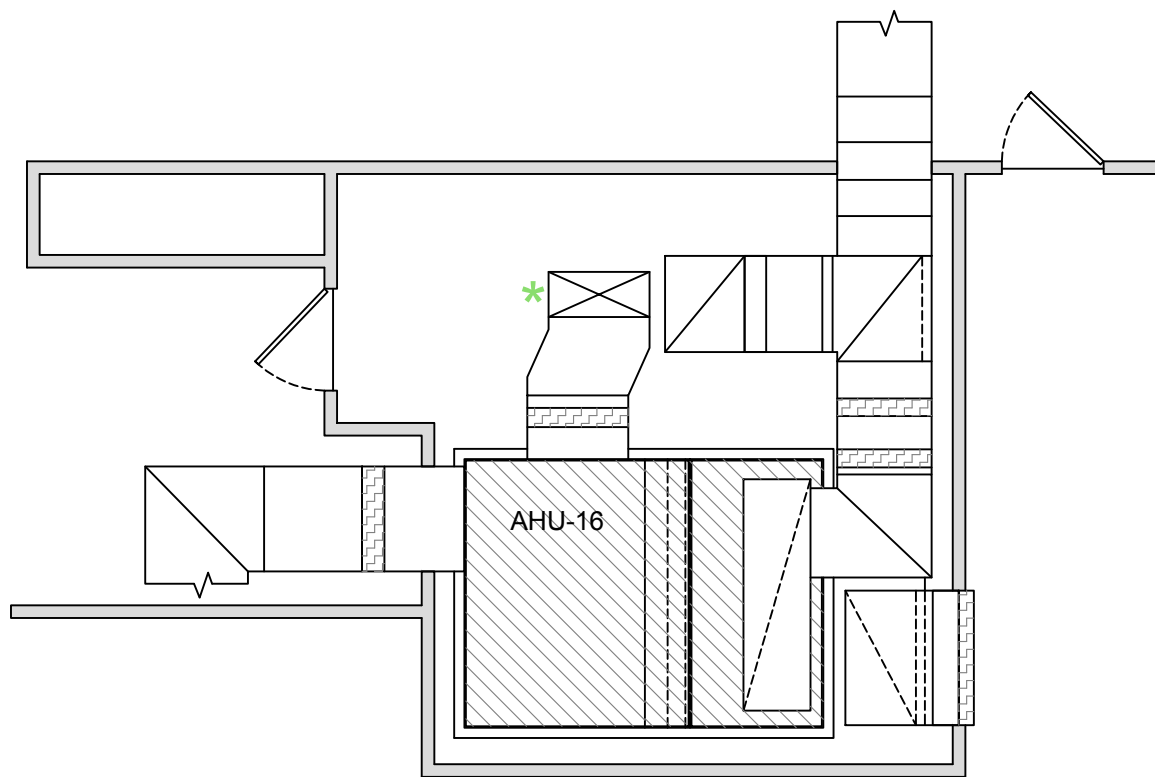
ActivePure Unit:
1.) APU-C20584R *



Add: 1708 8th St, Harvey, LA 70058

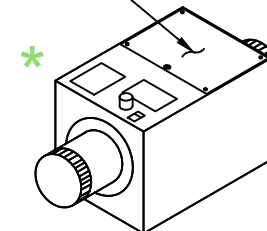
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PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-24	SHEET NO. 24 OF 28	

Air Handling Unit:
1.) AHU-13
2.) Ref. Document M6 Phase 2



16th Floor Mechanical Room

Filter Access



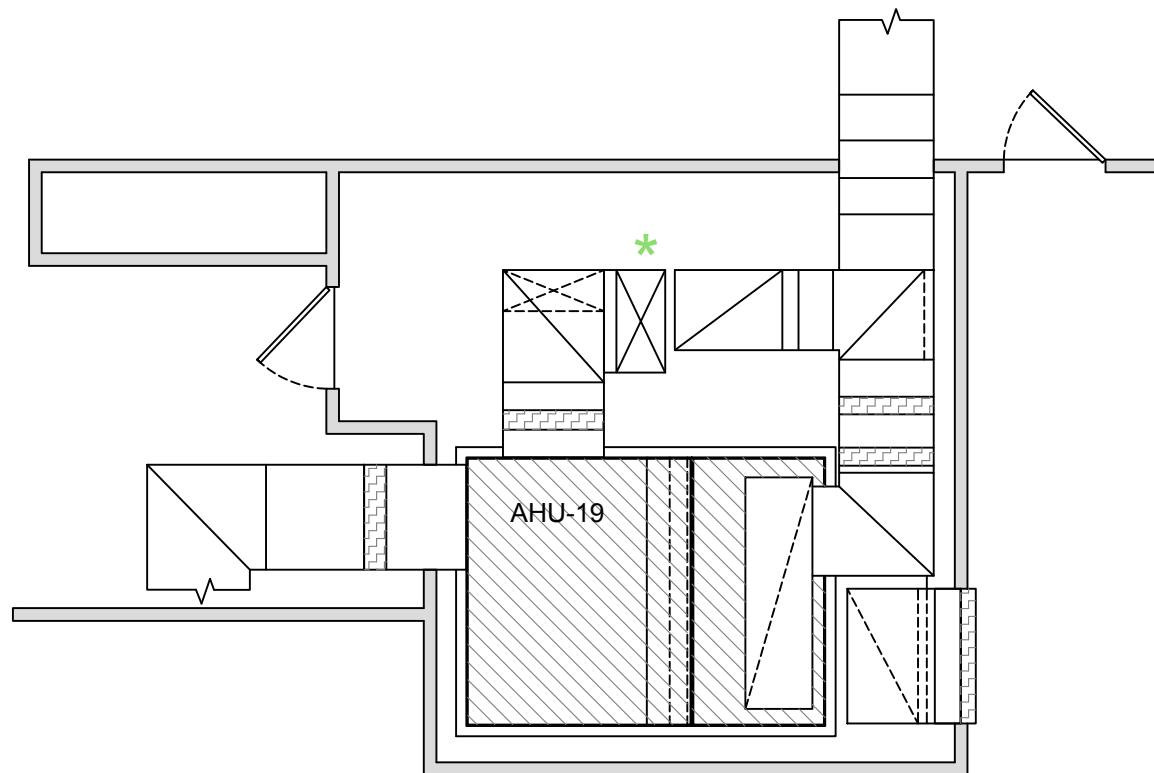
ActivePure Unit:
1.) APU-C20594R *



Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-25	SHEET NO. 25 OF 28	

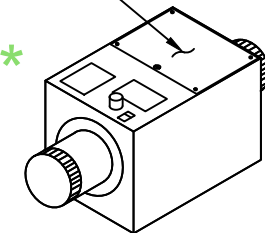
Air Handling Unit:
1.) AHU-16
2.) Ref. Document M2 Phase 1



19th Floor Mechanical Room

Filter Access

*



ActivePure Unit:
1.) APU-C20601R *

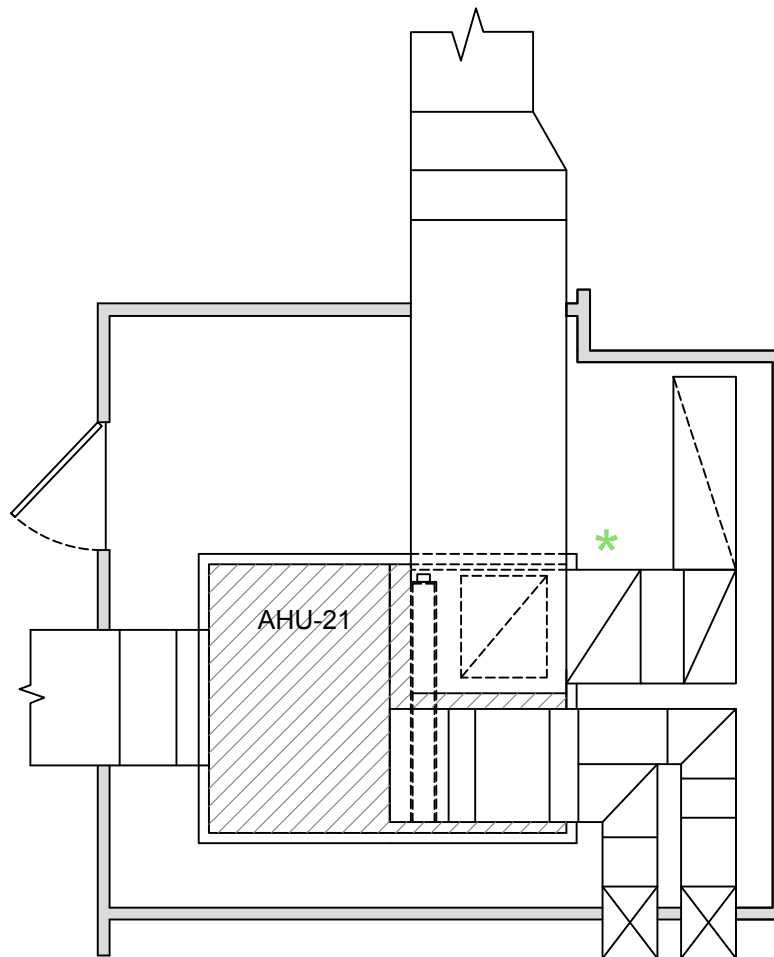


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Add: 1708 8th St, Harvey, LA 70058

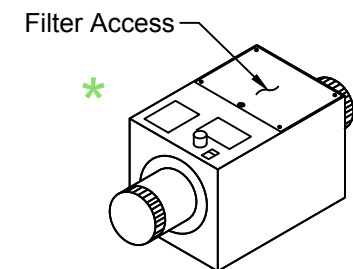
DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-26	SHEET NO. 26 OF 28	

Air Handling Unit:
1.) AHU-19
2.) Ref. Document M3 Phase 1



21st Floor Mechanical Room

- Air Handling Unit:
- 1.) AHU-21
 - 2.) Ref. Document M4 Phase 1

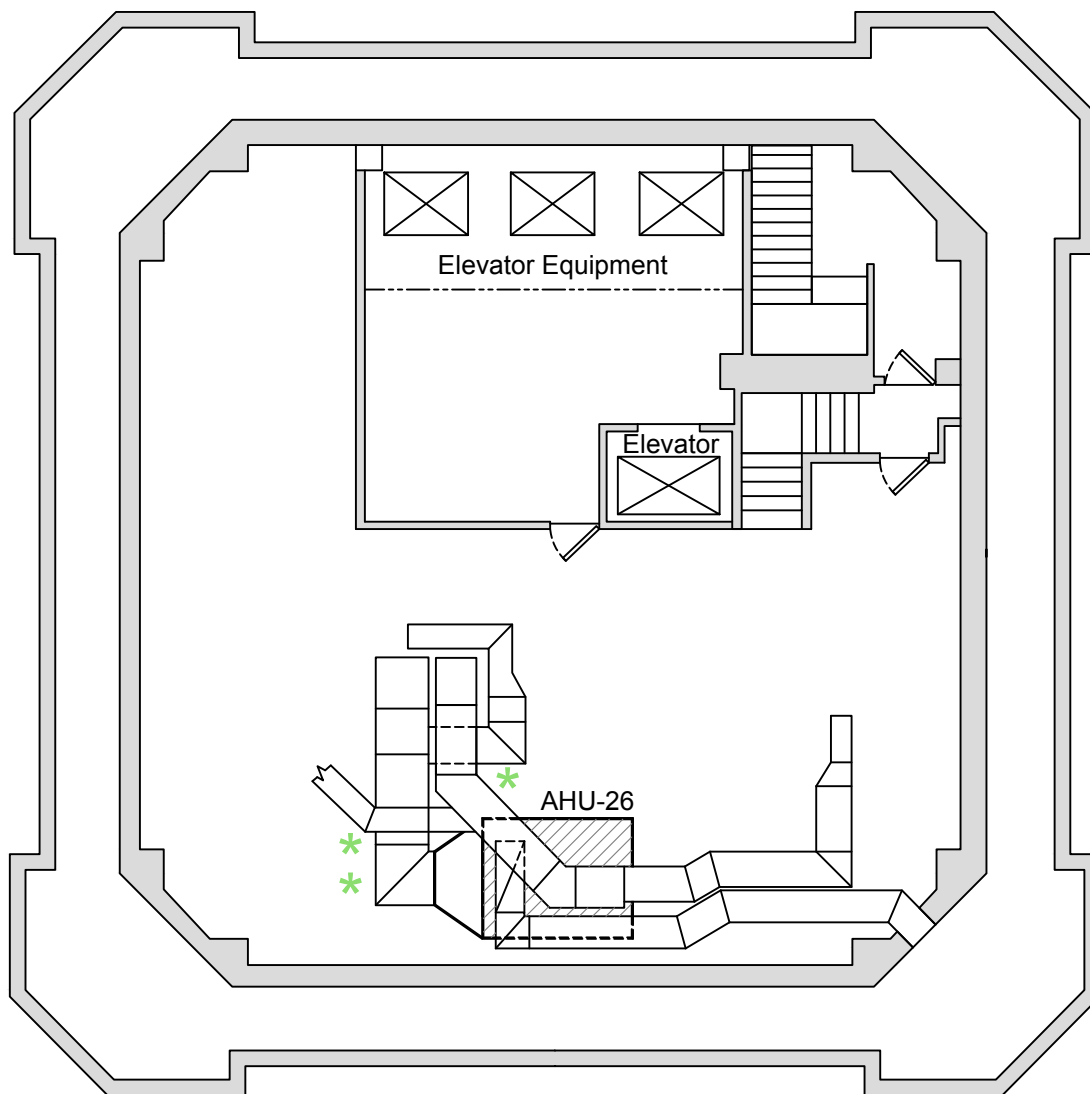


ActivePure Unit:
1.) APU-C20556R *



Add: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-27	SHEET NO. 27 OF 28	



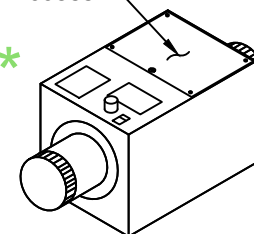
26th Floor Mechanical Room

Air Handling Unit:

- 1.) AHU-26
- 2.) Ref. Document M5 Phase 1

Filter Access

*



ActivePure Units:

- 1.) APU-C20585R *
- 2.) APU-C20600R *
- 3.) APU-C20592R *



Address: 1708 8th St, Harvey, LA 70058

DRAWN BY: C.S.C	SCALE: N/A	DATE: 10-29-20	Job ID: LA-CAP
PROJECT: Louisiana State Capital	Version 1.0		
DESCRIPTION: Inline Retrofit to HVAC	DWG. NO. LA-CAP-28	SHEET NO. 28 OF 28	

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1. LA-CAP-01 Alario Hall Mechanical Room
2. LA-CAP-02 Senate Dungeon Mechanical Room
3. LA-CAP-03 Mechanical Room B104 (H)
4. LA-CAP-04 Mechanical Room B121 (H)
5. LA-CAP-05 House Dungeon Mechanical Room
6. LA-CAP-06 Mechanical Room B170 (H)
7. LA-CAP-07 Mechanical Room B200 (S)
8. LA-CAP-08 Senate Outside Mechanical
9. LA-CAP-09 Mechanical Room B265 (S)
10. LA-CAP-10 Mechanical Room B278-S B282 (S)
11. LA-CAP-11 Mechanical Room B289 (S)
12. LA-CAP-12 Mechanical Room B306 (S)
13. LA-CAP-13 Mechanical Room G017
14. LA-CAP-14 Mechanical Room G220 (S)
15. LA-CAP-15 House Attic Mechanical Room
16. LA-CAP-16 Mechanical Room 202 (H)
17. LA-CAP-17 Mechanical Room 134 (S)
18. LA-CAP-18 Mechanical Room A-2-3-S
19. LA-CAP-19 Mechanical Room 206 (H)
20. LA-CAP-20 Mechanical Room 300 (S)
21. LA-CAP-21 4th Floor Mechanical Room
22. LA-CAP-22 7th Floor Mechanical Room
23. LA-CAP-23 10th Floor Mechanical Room
24. LA-CAP-24 12th Floor Mechanical Room
25. LA-CAP-25 16th Floor Mechanical Room
26. LA-CAP-26 19th Floor Mechanical Room
27. LA-CAP-27 21th Floor Mechanical Room
28. LA-CAP-28 26th Floor Mechanical Room

Green Earth Technologies
LA Capital Building Activepure

Location	Model	Serial	Floor	Air Handler
Memorial Hall	Beyond	U98470G	1	
Memorial Hall	Beyond	U29978G	1	
Memorial Hall	Beyond	U28230G	1	
Memorial Hall	Beyond	E27946G	1	
Senate Chambers	Beyond	U298655	1	
Senate Chambers	Beyond	U28235G	1	
Senate Chambers	Beyond	U29540G	1	
Senate Chambers	Beyond	U98483G	1	
Senate Chambers	Beyond	U28231G	1	
Senate Chambers	Beyond	U29559G	1	
Senate Chambers	Beyond	U98486G	1	
House Chambers	Beyond	U27940G	1	
House Chambers	Beyond	U98473G	1	
House Chambers	Beyond	U98472G	1	
House Chambers	Beyond	U28239G	1	
House Chambers	Beyond	U28014G	1	
House Chambers	Beyond	U29547G	1	
House Chambers	Beyond	U98484G	1	
Speaker of the House Office	Beyond	U29560G	1	
Senate President Office	Beyond	U29557G	1	
2nd floor main office	Beyond	U41023G	2	
2nd floor main office	Beyond	U40985G	2	
2nd floor main office	Beyond	U41003G	2	
3rd floor main office	Beyond	U41020G	3	
3rd floor main office	Beyond	U41022G	3	
3rd floor main office	Beyond	U41030G	3	
Press Room	Beyond	U34873G	4	
Governor's Assistant office	Beyond	U40938G	4	
Governor's office	Beyond	U41034G	4	
4th floor conference room	Beyond	U34831G	4	
5th floor main office	Beyond	U40942G	5	
5th floor main office	Beyond	U40993G	5	
5th floor half floor	Beyond	U34818G	5	
5th floor half floor	Beyond	U41035G	5	
6th floor main office	Beyond	U41193G	6	
6th floor main office	Beyond	U40989G	6	
7th floor main office	Beyond	U41029G	7	
7th floor main office	Beyond	U40960G	7	
8th floor main office	Beyond	U41005G	8	
8th floor main office	Beyond	U41021G	8	
9th floor main office	Beyond	U41028G	9	
9th floor main office	Beyond	U41026G	9	
10th floor main office	Beyond	U40994G	10	
10th floor main office	Beyond	U40990G	10	
11th floor main office	Beyond	U41025G	11	
11th floor main office	Beyond	U41019G	11	

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12th floor main office	Beyond	U41001G	12
12th floor main office	Beyond	U40988G	12
13th floor main office	Beyond	U40986G	13
13th floor main office	Beyond	U41024G	13
14th floor main office	Beyond	U40967G	14
14th floor main office	Beyond	U41027 G	14
15th floor main office	Beyond	U40984G	15
15th floor main office	Beyond	U40957G	15
16th floor main office	Beyond	U41037G	16
16th floor main office	Beyond	U41004G	16
17th floor main office	Beyond	U41033G	17
17th floor main office	Beyond	U41000G	17
18th floor main office	Beyond	U41002G	18
18th floor main office	Beyond	U36931G	18
19th floor main office	Beyond	U40939G	19
19th floor main office	Beyond	U41038G	19
20th Floor main office	Beyond	U40946G	20
20th Floor main office	Beyond	U40935G	20
21st Floor main office	Beyond	U34828G	21
21st Floor main office	Beyond	U40998G	21
22nd Floor main office	Beyond	U34909G	22
22nd Floor main office	Beyond	U41042G	22
23rd Floor main office	Beyond	U34837G	23
23rd Floor main office	Beyond	U34834G	23
24th Floor main office	Beyond	U40992G	24
24th Floor main office	Beyond	U40940G	24
25th floor main area	Beyond	U40995G	25
26th floor main area	Beyond	U41007G	26
27th floor main area	Beyond	U34910G	27
28th floor main area	Beyond	U34836G	28
29th floor main area	Beyond	U41006G	29
30th floor entrance	Beyond	U41190G	30
House Committee Room 5	Beyond		B
Chief Russ Office	Beyond	U37520G	B
House B165	Beyond	U37523G	B
Senate basement hall	Beyond	U37346G	B
Senate Secretary in basement	Beyond	U37522G	B
Maintenance Office	Beyond	U41031G	Cellar
Senate Committee Room E	Beyond	U98480G	G
Senate Committee Room A	Beyond	U29868G	G
Senate computer room	Beyond	U37517G	G
Senate network room	Beyond	U37344G	G
House Committee Room 1	Beyond	U37341G	G
House Bigby Hall Private Dining	Beyond	U37526G	G
House Clerk Fonteno	Beyond	U37516G	G
House Committee Room 2	Beyond	U41558G	G
Press Room left	Beyond	U37521G	G

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Press Room right	Beyond	U37524G	G	
Public entrance security right	Beyond	U37330G	G	
Public entrance security left	Beyond	U37510G	G	
Elevator main lobby	Beyond	U45610G	G	
Guard Hut	Beyond	U98474G	Outside	
Senate President Office	Pure and Clean	X12344R		1
Speaker of the House Office	Pure and Clean	X12396R		1
Senate Chamber Attic	Retrofit	C20604R		1
Senate Chamber Attic	Retrofit	C20607R		1
Senate Chamber Attic	Retrofit	C20609R		1
Senate Chamber Attic	Retrofit	C20605R		1
Senate Chamber Attic	Retrofit	C20593R		1
Senate Chamber Attic	Retrofit	C20610R		1
House Chamber Attic	Retrofit	C20620R		1
House Chamber Attic	Retrofit	C20622R		1
House Chamber Attic	Retrofit	C20611R		1
House Chamber Attic	Retrofit	C20621R		1
House Chamber Attic	Retrofit	C20616R		1
House Chamber Attic	Retrofit	C20618R		1
2nd floor mech room house	Retrofit	C20595R		2
2nd floor mech room house	Retrofit	C20619R		2
2nd floor mech room house	Retrofit	C20614R		2
2nd floor mech room house	Retrofit	C20602R		2
2nd floor mech room senate	Retrofit	C20603R		2
2nd floor mech room senate	Retrofit	C20613R		2
2nd floor mech room senate	Retrofit	C20608R		2
2nd floor mech room senate	Retrofit	C20615R		2
3rd floor AHU for 1st	Retrofit	C20624R		3
3rd floor AHU for 1st	Retrofit	C20655R		3
3rd floor AHU for 1st	Retrofit	C20561R		3
3rd floor AHU for 1st	Retrofit	C20568R		3
3rd floor AHU for 1st	Retrofit	C20580R		3
3rd floor AHU for 1st	Retrofit	C20577R		3
3rd floor AHU for 1st	Retrofit	C20574R		3
3rd floor AHU for 1st	Retrofit	C20581R		3
3rd floor AHU for 3rd	Retrofit	C20633R		3
3rd floor AHU for 3rd	Retrofit	C20626R		3
3rd floor AHU for 3rd	Retrofit	C20625R		3
3rd floor AHU for 3rd	Retrofit	C20627R		3
3rd floor AHU for 3rd	Retrofit	C20628R		3
3rd floor AHU for 3rd	Retrofit	C20632R		3
3rd floor AHU for 3rd	Retrofit	C20631R		3
3rd floor AHU for 3rd	Retrofit	C20634R		3
4th floor AHU for 5th floor	Retrofit	C20559R		4
4th floor AHU for 5th floor	Retrofit	C20590R		4
4th floor for 4th floor AHU	Retrofit	C20591R		4
4th floor for 4th floor AHU	Retrofit	C20650R		4

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4th floor for 4th floor AHU	Retrofit	C20555R	4
5th floor for Gov's office	Retrofit	C20557R	5
7th floor	Retrofit	C20558R	7
10th floor mechanical room	Retrofit	C20598R	10
12th floor mechanical room	Retrofit	C20584R	12
16th floor mechanical room	Retrofit	C20594R	16
19th floor	Retrofit	C20601T	19
21st floor mechanical room	Retrofit	C20556R	21
26th floor mechanical room	Retrofit	C20600R	26
26th floor mechanical room	Retrofit	C20592R	26
26th floor mechanical room	Retrofit	C20585R	26
Basement Senate B200	Retrofit	C20562R	B
Basement Senate B306	Retrofit	C20597R	B
Basement Senate B289	Retrofit	C20563R	B
Basement Senate B282	Retrofit	C20596R	B
Basement Senate B265	Retrofit	C20570R	B
Senate basement outside mech room	Retrofit	C20623R	B
Senate basement outside mech room	Retrofit	C20617R	B
House basement B104	Retrofit	C20572R	B
House basement B104	Retrofit	C20583R	B
Basement Senate B278	Retrofit	C20599R	B
House basement mech room by water fountain	Retrofit	C20579R	B
House basement mech room by water fountain	Retrofit	C20575R	B
House basement B121	Retrofit	C20573R	B
House dungeon	Retrofit	C20582R	B
House basement room B170	Retrofit	C20578R	B
B009	Retrofit	C20576R	B
Cellar	Retrofit	C20587R	C
Cellar	Retrofit	C20652R	C
Cellar	Retrofit	C20586R	C
House attic ground	Retrofit	C20635R	G
House attic ground	Retrofit	C20566R	G
House attic ground	Retrofit	C20569R	G
Bathroom mechanical room	Retrofit	C20630R	G
Senate attic ground	Retrofit	C20606R	G
Senate attic ground	Retrofit	C20612R	G
Senate attic ground	Retrofit	C20567R	G
Senate attic ground	Retrofit	C20629R	G

Active Pure Maintenance Schedule Recommendations

- 1. Manual Filters and Hepa Filters should be replaced every 6-12 months for maximum performance**
- 2. UVC Bulbs should be replaced every 12 months for optimal performance**
- 3. Active Pure Cell should be replaced every 24 months**
- 4. NOTE: Use only Beyond by Aerus Beyond HEPA particle filters to ensure proper functioning and to qualify your unit for full warranty coverage.**
- 5. NOTE: The UVC bulb and ActivePure® Cell must be replaced by a Beyond by Aerus representative**