Mihir Environics Inc.
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08 February 2022

Mark Klawinski, CIH, CSP
FSU – EH&S
Tallahassee, Florida

MEI Project No. 004.317.000

Re: Mold Air Sampling – Pre-Remediation
Sandels Building – Florida State University
Tallahassee, Florida

Dear Mr. Klawinski:

Mihir Environics Inc. (MEI) performed pre-remediation air sampling for mold spores in Sandels Building, Florida State University, Tallahassee, Florida. Total 24 air samples were collected and analyzed for fungal spores; and three surface/bulk samples from HVAC ducts were collected and analyzed for Fungal direct examination and for particle identification. The samples were collected on were collected on 08/21/2021 by John DeLoach and Shailesh Thakkar.

Temperature, Relative Humidity (RH), Caron Dioxide (CO_2):

Measurement of temperature and relative humidity were measured using TSI 8351 Q-Trak IAQ Monitor. Temperature, relative humidity, and CO_2 levels are summarized in Table 1. Temperature, relative humidity, and CO_2 levels inside the building were in acceptable range.

- Relative humidity levels inside the tested area were in range of 52% to 61.4%, which is within acceptable levels. ASHRAE recommends maintaining indoor relative humidity levels between 30 percent and 60 percent. Humidity levels less than 30 percent cause some people respiratory discomfort while humidity levels over 70 percent near surfaces for extended periods of time promote the growth of some forms of mold and fungi. Relative humidity levels are within acceptable range.
- CO2 levels inside the building were in range of 550 to 950 parts per million (ppm) and outside was 368 - 474 ppm. CO2 levels at very high levels, greater than 5000 ppm can pose a health risk. ASHRAE guidelines for CO2 levels is 700 ppm above outdoor levels (1000 to 1200 ppm). CO2 levels inside building are within acceptable levels.

Table 1
Temperature, Relative Humidity (RH), Caron Dioxide (CO_2)

Sample No.	Sample Location (See drawing)	Temp. °F	Relative Humidity %	CO2 ppm
A-1	Outside	78.3	89.1	368
A-2	Room 400	73.4	55.6	581
A-3	Hallway O/S 407	72.5	53.0	515
A-4	Room 424	71.7	53.9	533
A-5	Hallway O/S 425	71.6	53.8	479
A-6	Room 442D	71.8	51.2	449
A-7	Hallway O/S 342	72.3	61.5	764
A-8	Conference Room 336	71.7	58.0	737
A-9	Hallway O/S 324	72.3	58.7	675
A-10	Room 318	72.4	56.5	728
A-11	Room 301	72.6	61.1	734
A-12	Hallway O/S 204	74.12	58.2	815
A-13	Room 214	74.3	51.8	805
A-14	Hallway O/S 221	73.8	57.7	780
A-15	Room 242	73.2	55.0	837
A-16	Room 225B	71.5	538	807
A-17	Hallway O/S 101	76.1	48.6	949
A-18	Room 100G	73.3	49.9	820
A-19	Hallway O/S 115	72.7	57.4	842
A-20	Room 105	71.9	51.5	777
A-21	Room 100D (Exercise room)	73.5	50.1	808
A-22	Outside	77.7	87.3	474
A-23	Room B008	74.9	51.9	661
A-24	Room B004	74.7	61.4	655

Air Sampling:

- Pre-remediation air samples for fungal spores were collected using Air-o-Cell sampling cassettes using pre-calibrated Zefon Bio-Pump at 15 liters per minute for 10 minutes. Total Twenty-four (24) air samples, including outside, were collected, and analyzed for mold spores. The analysis of the air samples revealed that concentrations of total fungal spores inside the building are lower than outside air samples. There was no significant amplification of any particular mold spores in inside air samples compared to outside air samples. For Samples A-7 and A-16, Aspergillus/Penicillium spores were higher compared to other inside air samples.
- The sample analysis results are summarized in Table 2

Table 2
Air-O-Cell Air Sample Result Summary

Sample No.	**Sample Location** (See drawing)	**Fungal Structures/ m^3**	**Spore Type**
A-1	Outside	28000	*Aspergillus/Penicillium – 12000* *Ascospores- 8400* *Cladosporium – 3800* *Basidiospores - 850* *Weather condition during this sampling – raining. The spore counts during this condition are high.*
A-2	Room 400	760	*Aspergillus/Penicillium –200* *Ascospores- 170* *Cladosporium – 150* *Basidiospores - 21*
A-3	Hallway O/S 407	110	*Aspergillus/Penicillium – 42* *Ascospores- 7* *Cladosporium – 0* *Basidiospores -14*
A-4	Room 424	91	*Aspergillus/Penicillium –14* *Ascospores- 0* *Cladosporium – 14* *Basidiospores -7*
A-5	Hallway O/S 425	35	*Aspergillus/Penicillium – 21* *Ascospores- 0* *Cladosporium – 7* *Basidiospores -7*
A-6	Room 442D	0	*None detected* *This sample is an outlier, and this result should not be relied on for this report.*

Sample No.	**Sample Location** (See drawing)	**Fungal Structures/ m^3**	**Spore Type**
A-7	Hallway O/S 342	2400	*Aspergillus/Penicillium – 1700* *Ascospores- 21* *Cladosporium – 56* *Basidiospores -220*
A-8	Conference Room 336	310	*Aspergillus/Penicillium – 150* *Ascospores- 77* *Cladosporium – 7* *Basidiospores -21*
A-9	Hallway O/S 324	1300	*Aspergillus/Penicillium – 550* *Ascospores- 310* *Cladosporium – 63* *Basidiospores -160*
A-10	Room 318	1600	*Aspergillus/Penicillium – 520* *Ascospores- 180* *Cladosporium – 130* *Basidiospores -77*
A-11	Room 301	1200	*Aspergillus/Penicillium –600* *Ascospores- 110* *Cladosporium – 84* *Basidiospores -42*
A-12	Hallway O/S 204	400	*Aspergillus/Penicillium – 110* *Ascospores- 130* *Cladosporium – 7* *Basidiospores -42*
A-13	Room 214	650	*Aspergillus/Penicillium – 77* *Ascospores- 49* *Cladosporium – 63* *Basidiospores -28*
A-14	Hallway O/S 221	940	*Aspergillus/Penicillium – 300* *Ascospores- 220* *Cladosporium – 42* *Basidiospores -260*
A-15	Room 242	35	*Aspergillus/Penicillium – 0* *Ascospores- 7* *Cladosporium – 0* *Basidiospores -0*
A-16	Room 225B	930	*Aspergillus/Penicillium – 890* *Ascospores- 0* *Cladosporium – 21* *Basidiospores -14*
A-17	Hallway O/S 101	120	*Aspergillus/Penicillium – 77* *Ascospores- 7* *Cladosporium – 7* *Basidiospores -7* *Stachybotrys - 7*

Sample No.	Sample Location (See drawing)	Fungal Structures/ m^3	Spore Type
A-18	Room 100G	98	*Aspergillus/Penicillium – 56* *Ascospores- 0* *Cladosporium – 0* *Basidiospores -7*
A-19	Hallway O/S 115	570	*Aspergillus/Penicillium – 270* *Ascospores-28* *Cladosporium – 7* *Basidiospores -77*
A-20	Room 105	35	*Aspergillus/Penicillium –0* *Ascospores- 0* *Cladosporium – 14* *Basidiospores -21*
A-21	Room 100D (Exercise room)	340	*Aspergillus/Penicillium – 230* *Ascospores- 7* *Cladosporium – 35* *Basidiospores -14*
A-22	Outside	29000	*Aspergillus/Penicillium – 3700* *Ascospores- 9100* *Cladosporium – 7* *Basidiospores -4600*
A-23	Room B008	480	*Aspergillus/Penicillium – 130* *Ascospores- 49* *Cladosporium – 21* *Basidiospores -7*
A-24	Room B004	290	*Aspergillus/Penicillium – 98* *Ascospores- 91* *Cladosporium – 0* *Basidiospores -21*

Surface Swab/Tape samples

Surface tape samples from the HAVC duct near supply diffuser from three different locations were collected. The samples were analyzed for particle ID using Optical and Phase Contrast Microscopy examination and for fungi under direct microscopic examination. Sample summary is included in Table 3 and 4.

Table 3
Tape (surface) Sample Result Summary – Particle ID

Sample No.	Sample Location	Fungal ID	Category	Comments
1	Duct – Room 422	Fungal Spores Skin Cells	TNTC Many	Mold Growth
2	Duct – Room 204	Fungal Spores Skin Cells	TNTC Abundant	Mold Growth
3	Duct – Room 322	Fungal Spores Skin Cells	None Many	

Rare: 1 to 10 particles observed per sample preparation; Some: 11 to 30 particles observed per sample preparation
Common: 31 to 60 particles observed per sample preparation; Many: 61 to 100 particles observed per sample preparation
Abundant: More than 100 particles observed per sample preparation; TNTC: Too numerous to count, but no fruiting structure observed; Colony: Abundant or numerous spores and associated fruiting structures observed
None Detected: No particle or hyphal fragment observed per sample preparation

Table 4
Surface Tape Sample Result Summary
Fungal spores – Direct Microscopy

Sample No.	Sample Location	Fungal ID	Category	Comments
1	Duct – Room 422	**Cladosporium** Alternaria Myxomycetes/Periconia/Rust /Smut **Hyphal fragments**	**Colony** Rare Rare **TNTC**	Mold Growth
2	Duct – Room 204	**Cladosporium** Bipolaris Dreschlera **Hyphal fragments**	**Colony** Rare **TNTC**	Mold Growth
3	Duct – Room 322	None Detected		

Rare: 1 to 10 spores observed per sample preparation; Some: 11 to 30 spores observed per sample preparation
Common: 31 to 60 spores observed per sample preparation; Many: 61 to 100 spores observed per sample preparation
Abundant: More than 100 spores observed per sample preparation; TNTC: Too numerous to count, but no fruiting structure observed
Colony: Abundant or numerous spores and associated fruiting structures observed
None Detected: No particle or hyphal fragment observed per sample preparation

Conclusion

Based on the inspection and sample results

- Surface samples collected from the duct near supply diffusers indicated mold growth.

- The analysis of the air samples revealed that concentrations of total fungal spores inside the building are lower than outside air samples. There was no significant amplification of any particular mold spores in inside air samples compared to outside air samples. For Samples A-7 and A-16, Aspergillus/Penicillium spores were higher compared to other inside air samples.

If you have any questions or require additional information, please call me at (850) 422-1255.

Sincerely,

Ajay J. Thakkar, CIH
Principal Project Director

Enclosure: Photographs (8-33 page)
Air sample Locations Drawing (5 Pages)
Laboratory reports (14 pages)

Sample A-1, Outside

Sample A-2, Room 400

Sample A-3, Outside 407

Sample A-4, Room 424

Sample A-5, Hallway Outside 425

Sample A-6, Room 442D

Sample A-7, Hallway Outside 342

Sample A-8, Room 336

Sample A-9, Hallway Outside 324

Sample A-10, Room 318

Sample A-11, Room 301

Sample A-12, Hallway Outside 204

Sample A-13, Room 214

Sample A-14, Hallway O/S 221

Sample A-15, Rom 242

Sample A-16, Room 225B

Sample A-17, Hallway O/S 101

Sample A-18, Room 100G

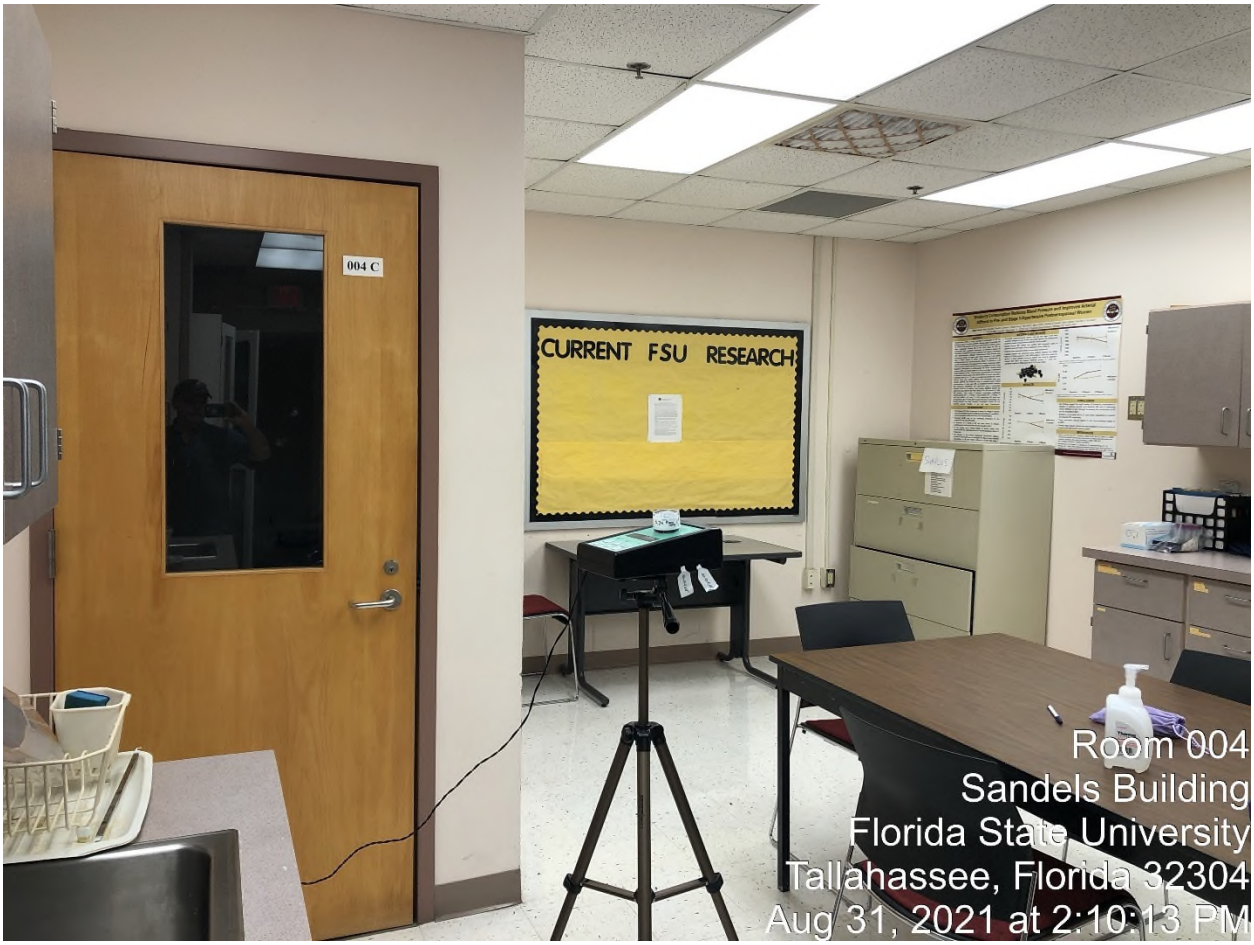
Sample A-19, Hallway O/S 115

Sample A-20, Room 105

Sample A-21, Room 100D (Exercise room)

Sample A-22, Outside

Sample A-23, Room B008

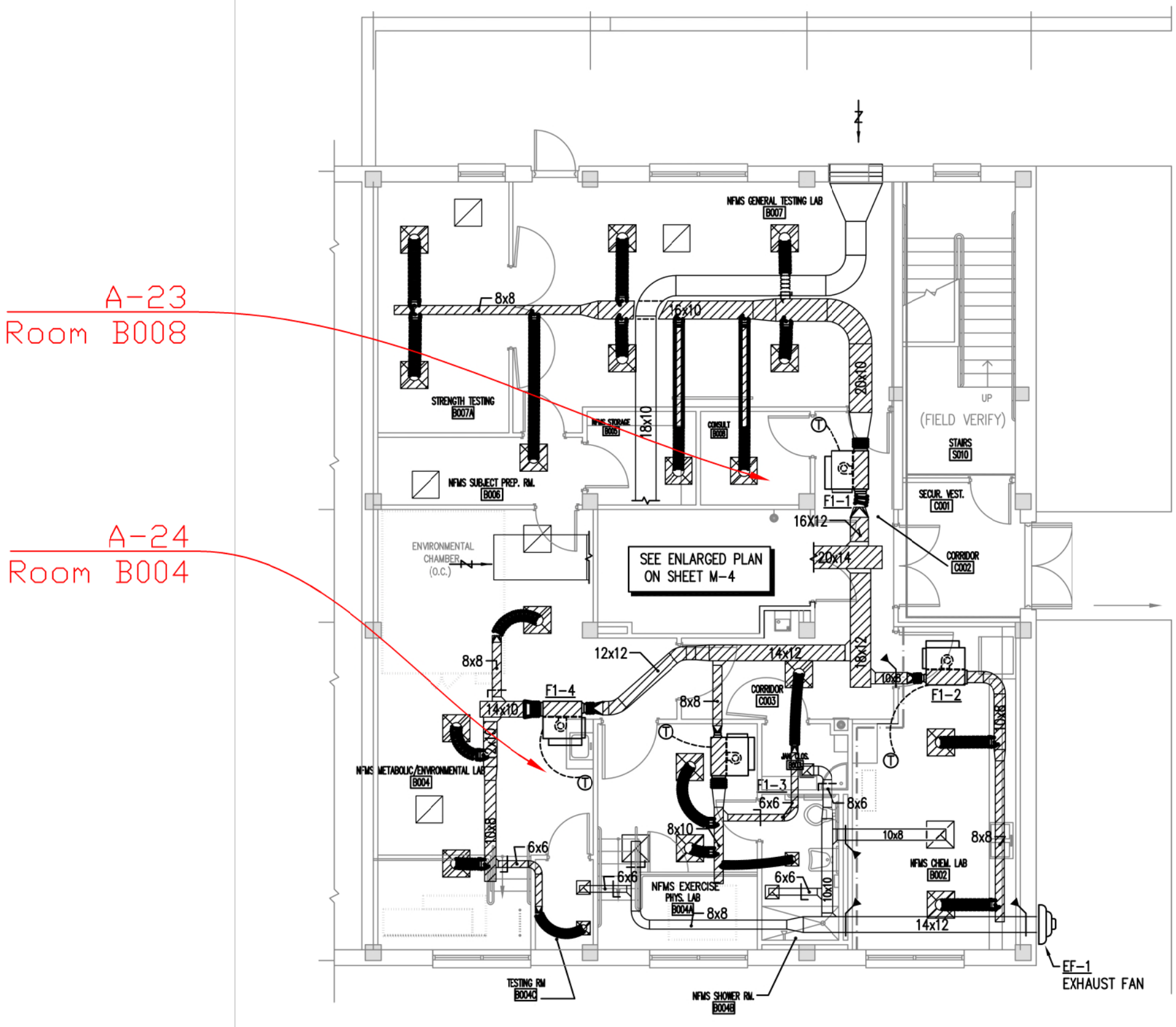


Sample A-24, Room B004

SAMPLE LOCATION DRAWING

A-23
Room B008

A-24
Room B004



BASEMENT PLAN – HVAC DUCT CLEANING

SCALE: 1/8"=1'-0"

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CLIENT
Environmental Health& Safety
Florida State University
Tallahassee FL 32303

PROJECT NAME
Pre and Post Remediation
Mold Air Sampling
Sandels Building,
Tallahassee Florida

DRAWING TITLE
Sample Locations - Basement 08-21-2021

08/31/2021 DATE

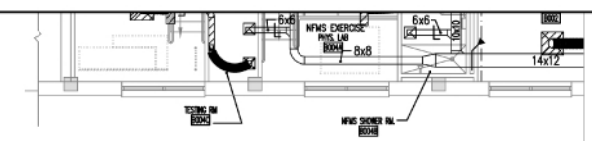
004.317.000 PROJECT NUMBEER

1 DWG. NUMBER

1 OF 5 SHEET

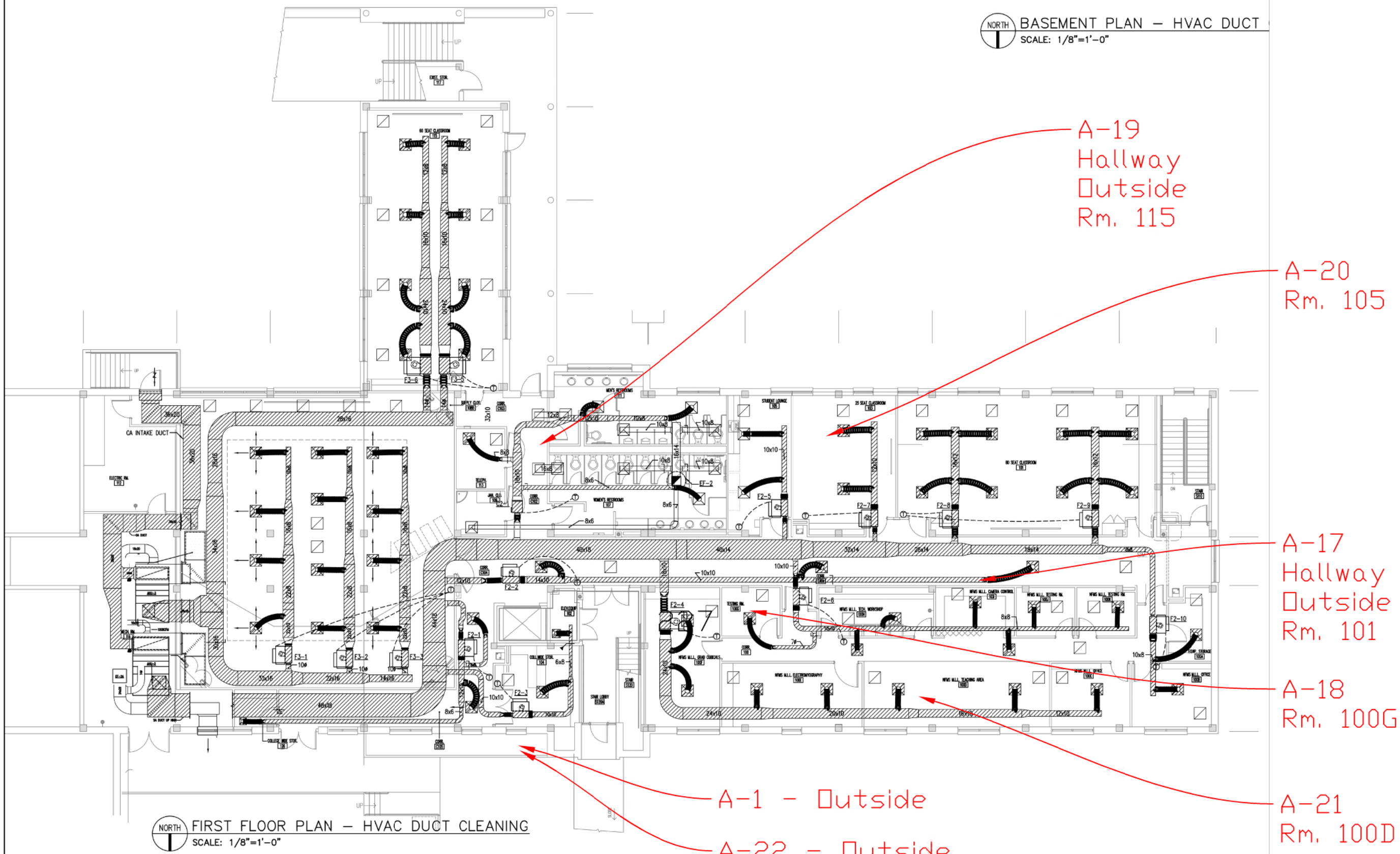
UL UNDERWRITER'S LABORATORIES

ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATION & AIR CONDITIONING ENGINEERS



NORTH BASEMENT PLAN – HVAC DUCT

SCALE: 1/8"=1'-0"



NORTH FIRST FLOOR PLAN – HVAC DUCT CLEANING

SCALE: 1/8"=1'-0"

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CLIENT: Environmental Health& Safety
Florida State University
Tallahassee FL 32303

PROJECT NAME: Pre and Post Remediation
Mold Air Sampling
Sandels Building,
Tallahassee Florida

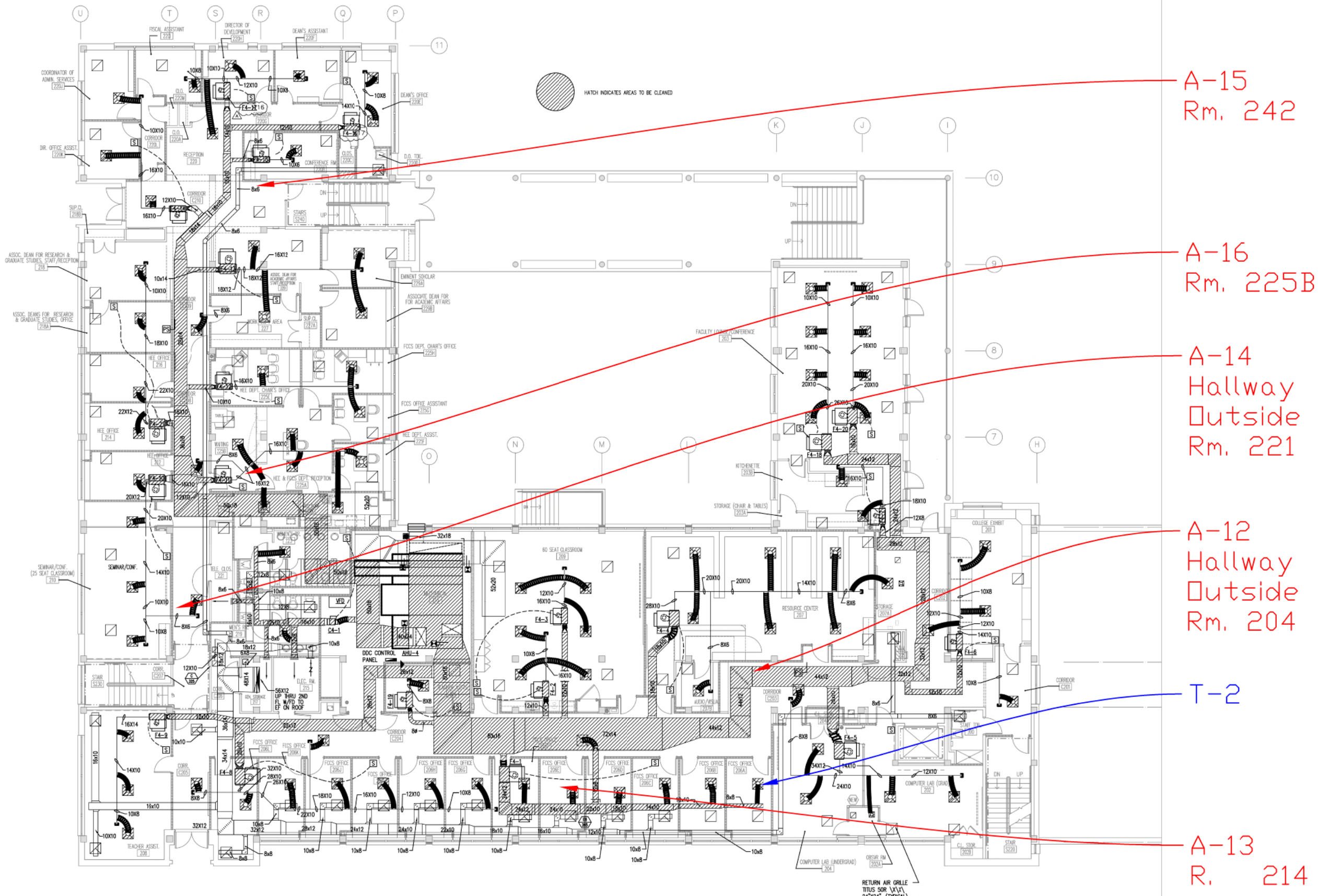
DRAWING TITLE: Sample Locations - First Floor -

08/31/2021 DATE

004.317.000 PROJECT NUMBEER

2 DWG. NUMBER

2 OF 5 SHEET



SECOND FLOOR PLAN – HVAC DUCT CLEANING
SCALE: 1/8"=1'-0"

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PROJECT NAME
Pre and Post Remediation
Mold Air Sampling
Sandels Building.
Tallahassee Florida

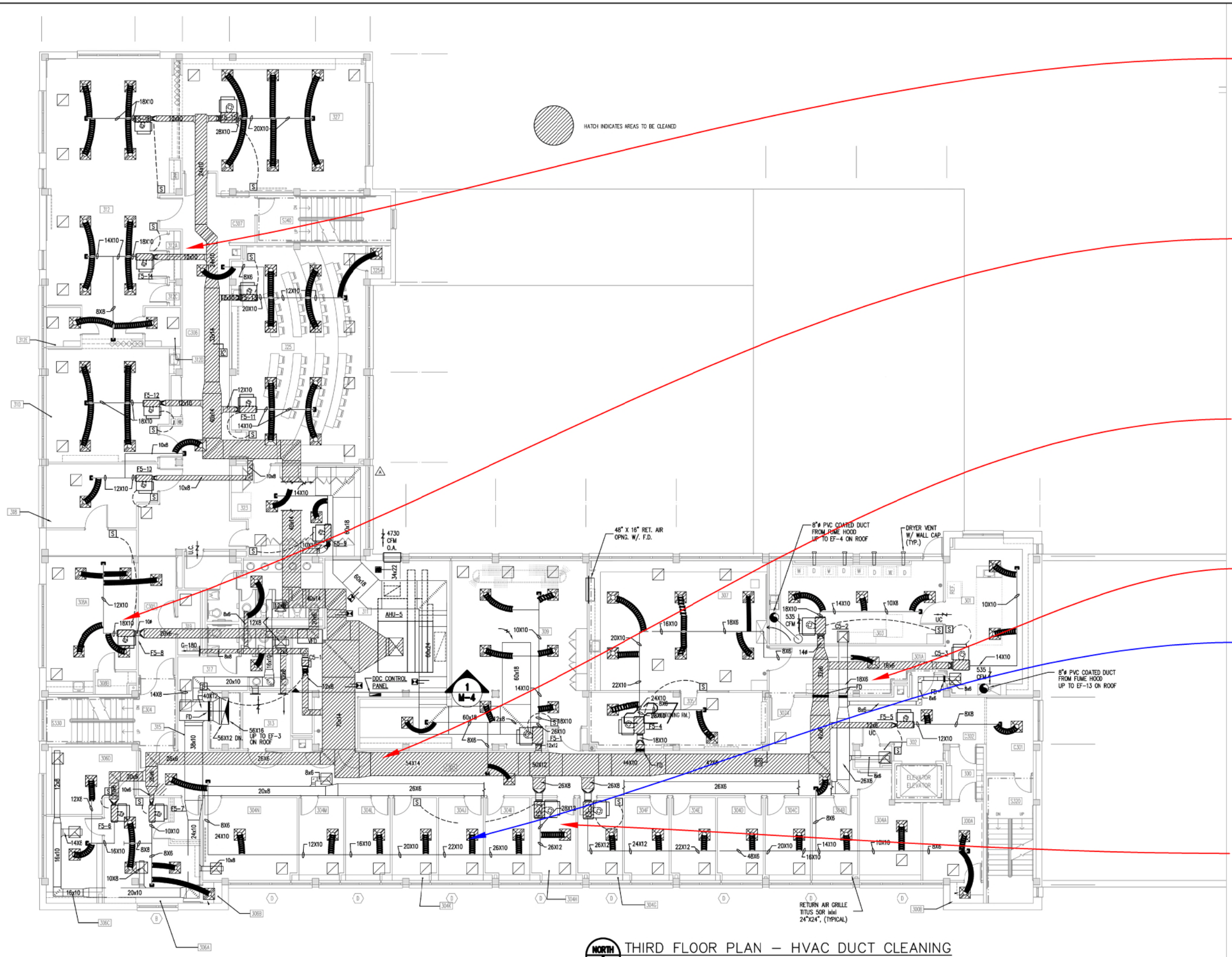
DRAWING TITLE
Sample Locations - Second Floor - 08-21-2021

08/31/2021 DATE

004.317.000 PROJECT NUMBEER

3 DWG. NUMBER

3 OF 5 SHEET



THIRD FLOOR PLAN – HVAC DUCT CLEANING
SCALE: 1/8"=1'-0"

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PROJECT NAME
Pre and Post Remediation
Mold Air Sampling
Sandels Building,
Tallahassee Florida

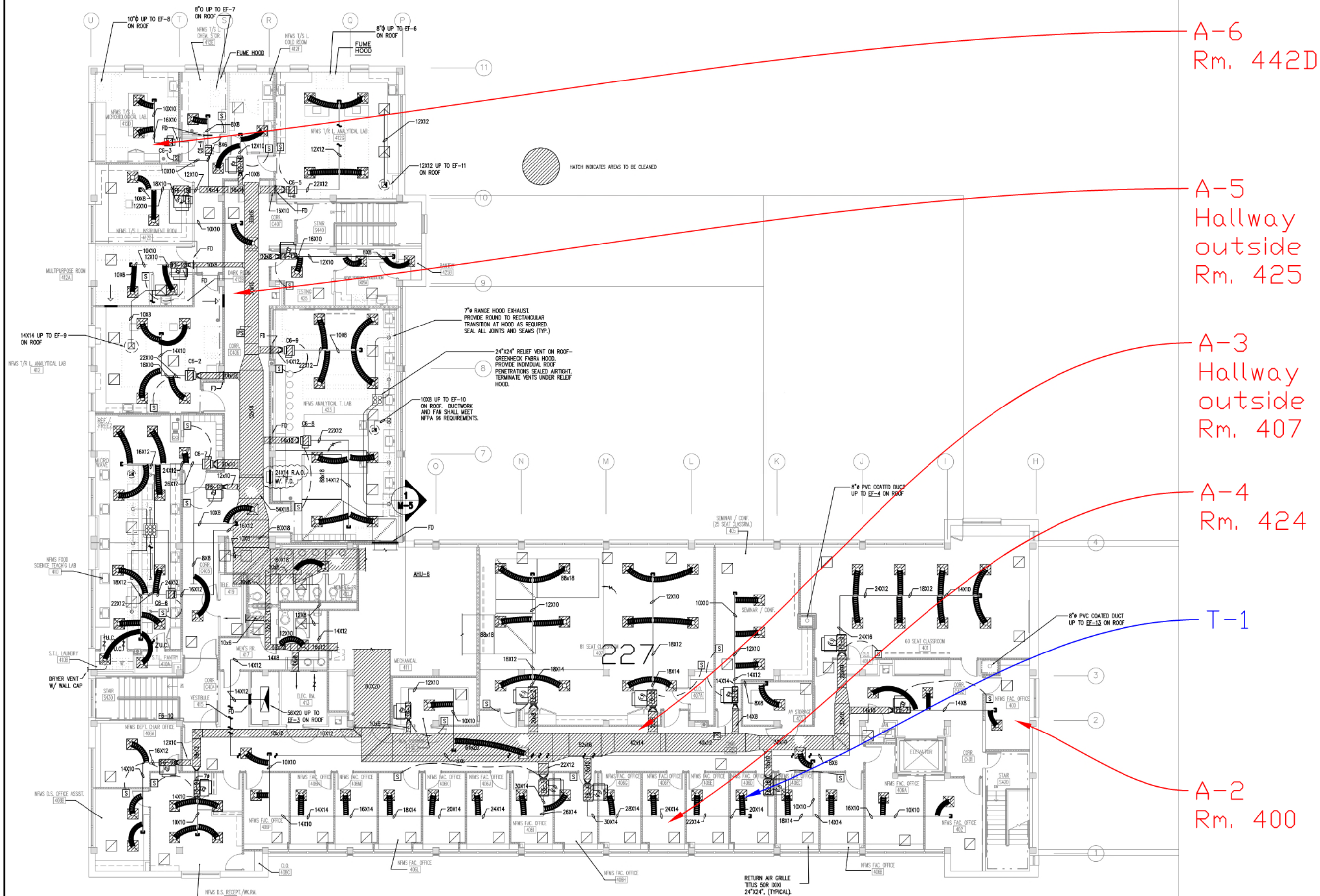
DRAWING TITLE
Sample Locations - Third Floor - 08-21-2021

08/31/2021 DATE

004.317.000 PROJECT NUMBEER

4 DWG. NUMBER

4 OF 5 SHEET



FOURTH FLOOR PLAN – HVAC DUCT CLEANING

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CLIENT: Environmental Health& Safety
Florida State University
Tallahassee FL 32303

PROJECT NAME: Pre and Post Remediation
Mold Air Sampling
Sandels Building,
Tallahassee Florida

DRAWING TITLE: Sample Locations - Fourth Floor

08/31/2021 DATE

004.317.000 PROJECT NUMBEER

5 DWG. NUMBER

5 OF 5 SHEET

LABORATORY ANALYSIS REPORTS

AEMTEK, Inc.
466 Kato Terrace, Fremont, CA 94539
Tel. +1 (510) 979-1979, Fax. +1 (510) 667-1980
E-mail: labreports@aemtek.com
www.aemtek.com

Laboratory Analysis Report

AEMTEK No. 2109203

Submitted to: **Mihir Environics Inc.**
3161 Eliza Rd. Unit 2,
Tallahassee, FL 32308
Attn: **Ajay Thakkar**

Purpose: The purpose of this report is to present laboratory results obtained by analyzing the samples submitted to Aemtek, Inc. The report includes this cover and the data sheet(s).

Limitation: The test results presented in this report are only related to the samples supplied by the client and analyzed by Aemtek. This report shall not be reproduced, except in full, without written authorization of Aemtek. Aemtek shall have no liability to anyone with respect to any interpretations or uses of the laboratory report, decisions made or actions taken as a result of or based on the data reported. In no event shall Aemtek's liability with respect to the reported test results exceed the amount paid for the project by the client to Aemtek.

Sample Information: Sample identification, location, volume, weight, and area are from the client's Chain of custody. Unless specifically noted, the samples were received in acceptable condition.

Significant Figures: Because of the nature of the biological samples and analytical methods, the number of significant figures should generally be one of two, although the actual calculation results are reported.

Sample Custody: Samples accepted by Aemtek shall remain the property of client while in the custody of Aemtek. Aemtek shall retain preparation of samples for 7 days following the date of issuing this report. After the retention period, the samples shall be sterilized and discarded, unless otherwise requested by the client.

Confidentiality: Aemtek shall not provide analytical results or client's project information to any party other than the client, unless requested by the client, in writing, or by law.

About Aemtek: Aemtek, Inc. is an environmental microbiology laboratory providing reliable, fast, and expert laboratory services for the detection, identification, and analysis of microorganisms. We are committed to excellence in quality, service, and technology. The laboratory is accredited by the American Industrial Hygiene Association (AIHA) in the Environmental Microbiology Laboratory Accreditation Program (EMLAP Lab #167620).

Project ID: **Mold Air Sampling - Sandels Building**

Location: **Sandels Building, FSU, Tallahassee, Florida**

Client Sampling Date: **8/31/2021**

Sample Received on: **9/3/2021**

Analysis Started on: **9/3/2021**

Data Reported on: **9/8/2021**

Approved By:

Brook Liu, Ph.D.
Laboratory Director

MICROBIOLOGY LABS · ISO/IEC 17025:2017 · Accredited Laboratory · AIHA LAP, LLC · AIHAACCREDITEDLABS.ORG · Lab ID # 167620

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466 Kato Terrace, Fremont, CA 94539
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E-mail: labreports@aemtek.com
www.aemtek.com

Laboratory Analysis Report

Data Sheet

AEMTEK No. 2109203

Project ID: Mold Air Sampling - Sandels Building
Project Location: Sandels Building, FSU, Tallahassee, Florida

Submitted to:
Mihir Environics Inc.
Tallahassee, FL 32308

Analysis Performed: Fungal Direct Examination-Air

Sample ID	A-1			A-2			A-3			A-4			A-5		
Sample Location	Outside			Room 400			Hallway O/S 407			Room 424			Hallway O/S 425		
Air Volume (L)	150			150			150			150			150		
Fungal Identification	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%
Alternaria	3	21	<1	-	-	-	-	-	-	-	-	-	-	-	-
Ascospores	1,200	8,400	30	24	170	22	1	7	7	-	-	-	-	-	-
Aspergillus/Penicillium-like	1,700	12,000	42	29	200	27	6	42	40	2	14	15	3	21	60
Basidiospores	120	850	3	3	21	3	2	14	13	1	7	8	1	7	20
Bipolaris/Dreschlera	2	14	<1	1	7	1	1	7	7	3	21	23	-	-	-
Botrytis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cercospora	5	35	<1	-	-	-	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cladosporium	540	3,800	13	21	150	19	-	-	-	2	14	15	1	7	20
Curvularia	2	14	<1	-	-	-	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	1	7	1	-	-	-	-	-	-	-	-	-
Myxomycetes/*Periconia*/Rust/Smut	240	1,700	6	2	14	2	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-	1	7	8	-	-	-
Oidium	1	7	<1	-	-	-	-	-	-	-	-	-	-	-	-
Petriella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pithomyces	1	7	<1	-	-	-	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stemphylium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Torula	3	21	<1	-	-	-	-	-	-	-	-	-	-	-	-
Trichoderma-like	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	15	110	<1	14	98	13	1	7	7	-	-	-	-	-	-
Other colored spores	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal fragments	200	1,400	5	14	98	13	4	28	27	4	28	31	-	-	-
Total	4,000	28,000	100	110	760	100	15	110	100	13	91	100	5	35	100
Pollen/m^3	-			14			-			21			-		
Insect or dust mite parts/m^3	14			-			-			7			-		
Dectection Limit (spores/m^3)	7			7			7			7			7		
General Density	51-75%			26-50%			1-25%			1-25%			1-25%		
% Trace Analyzed	100%			100%			100%			100%			100%		

Method ID: AEMTEK SOP AF101 (ASTM D7391-17)
Direct microsopy detection limit: One spore or one hyphal fragment per sample.

Performed by: Brook Liu

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466 Kato Terrace, Fremont, CA 94539
Tel. +1 (510) 979-1979, Fax. +1 (510) 667-1980
E-mail: labreports@aemtek.com
www.aemtek.com

Laboratory Analysis Report

Data Sheet

AEMTEK No. 2109203

Project ID: Mold Air Sampling - Sandels Building
Project Location: Sandels Building, FSU, Tallahassee, Florida

Submitted to:
Mihir Environics Inc.
Tallahassee, FL 32308

Analysis Performed: Fungal Direct Examination-Air

Sample ID	A-6			A-7			A-8			A-9			A-10		
Sample Location	Room 442D			Hallway O/S 342			Conference Room 336			Hallway O/S 324			Room 318		
Air Volume (L)	150			150			150			150			150		
Fungal Identification	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%
Alternaria	-	-	-	-	-	-	-	-	-	1	7	1	-	-	-
Ascospores	-	-	-	3	21	1	11	77	25	44	310	24	26	180	11
Aspergillus/Penicillium-like	-	-	-	240	1,700	68	22	150	50	79	550	44	74	520	32
Basidiospores	-	-	-	31	220	9	3	21	7	23	160	13	11	77	5
Bipolaris/Dreschlera	-	-	-	-	-	-	-	-	-	1	7	1	2	14	1
Botrytis	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-
Cercospora	-	O	-	-	-	-	-	-	-	-	-	-	-	-	-
Chaetomium	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-
Cladosporium	-	E	-	8	56	2	1	7	2	9	63	5	19	130	8
Curvularia	-	-	-	-	-	-	3	21	7	1	7	1	6	42	3
Epicoccum	-	D	-	-	-	-	-	-	-	-	-	-	1	7	<1
Ganoderma	-	E	-	-	-	-	-	-	-	-	-	-	1	7	<1
Myxomycetes/*Periconia*/Rust/Smut	-	T	-	3	21	1	-	-	-	8	56	4	26	180	11
Nigrospora	-	E	-	-	-	-	-	-	-	1	7	1	-	-	-
Oidium	-	C	-	-	-	-	-	-	-	-	-	-	-	-	-
Petriella	-	T	-	1	7	<1	-	-	-	-	-	-	-	-	-
Pithomyces	-	E	-	-	-	-	-	-	-	-	-	-	-	-	-
Stachybotrys	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Stemphylium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichoderma-like	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	-	-	-	55	390	16	2	14	5	10	70	6	10	70	4
Other colored spores	-	-	-	4	28	1	-	-	-	1	7	1	2	14	1
Hyphal fragments	-	-	-	6	42	2	2	14	5	3	21	2	53	370	23
Total	-	-	-	350	2,400	100	44	310	100	180	1,300	100	230	1,600	100
Pollen/m^3	-			-			7			7			14		
Insect or dust mite parts/m^3	-			7			-			-			7		
Dectection Limit (spores/m^3)	7			7			7			7			7		
General Density	1-25%			26-50%			1-25%			26-50%			51-75%		
% Trace Analyzed	100%			100%			100%			100%			100%		

Method ID: AEMTEK SOP AF101 (ASTM D7391-17)
Direct microsopy detection limit: One spore or one hyphal fragment per sample.

Performed by: Brook Liu

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E-mail: labreports@aemtek.com
www.aemtek.com

Laboratory Analysis Report

Data Sheet

AEMTEK No. 2109203

Project ID: Mold Air Sampling - Sandels Building
Project Location: Sandels Building, FSU, Tallahassee, Florida

Submitted to:
Mihir Environics Inc.
Tallahassee, FL 32308

Analysis Performed: Fungal Direct Examination-Air

Sample ID	A-11			A-12			A-13			A-14			A-15		
Sample Location	Room 301			Hallway O/S 204			Room 214			Hallway O/S 221			Room 242		
Air Volume (L)	150			150			150			150			150		
Fungal Identification	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%
Alternaria	3	21	2	-	-	-	3	21	3	-	-	-	-	-	-
Ascospores	15	110	9	18	130	32	7	49	8	31	220	23	1	7	20
Aspergillus/Penicillium-like	86	600	52	15	110	26	11	77	12	43	300	32	-	-	-
Basidiospores	6	42	4	6	42	11	4	28	4	37	260	28	-	-	-
Bipolaris/Dreschlera	-	-	-	2	14	4	1	7	1	1	7	1	-	-	-
Botrytis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cercospora	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cladosporium	12	84	7	1	7	2	9	63	10	6	42	4	-	-	-
Curvularia	-	-	-	-	-	-	1	7	1	-	-	-	1	7	20
Epicoccum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ganoderma	1	7	1	-	-	-	-	-	-	1	7	1	-	-	-
Myxomycetes/*Periconia*/Rust/Smut	10	70	6	-	-	-	2	14	2	6	42	4	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oidium	4	28	2	-	-	-	-	-	-	-	-	-	-	-	-
Petriella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stemphylium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichoderma-like	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	8	56	5	6	42	11	5	35	5	2	14	1	2	14	40
Other colored spores	-	-	-	1	7	2	1	7	1	-	-	-	-	-	-
Hyphal fragments	20	140	12	8	56	14	49	340	53	7	49	5	1	7	20
Total	170	1,200	100	57	400	100	93	650	100	130	940	100	5	35	100
Pollen/m^3	-			-			7			-			-		
Insect or dust mite parts/m^3	290			-			42			7			-		
Dectection Limit (spores/m^3)	7			7			7			7			7		
General Density	76-100%			1-25%			51-75%			26-50%			1-25%		
% Trace Analyzed	100%			100%			100%			100%			100%		

Method ID: AEMTEK SOP AF101 (ASTM D7391-17)
Direct microsopy detection limit: One spore or one hyphal fragment per sample.

Performed by: Brook Liu

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www.aemtek.com

Laboratory Analysis Report

Data Sheet

AEMTEK No. 2109203

Project ID: Mold Air Sampling - Sandels Building
Project Location: Sandels Building, FSU, Tallahassee, Florida

Submitted to:
Mihir Environics Inc.
Tallahassee, FL 32308

Analysis Performed: Fungal Direct Examination-Air

Sample ID	A-16			A-17			A-18			A-19			A-20		
Sample Location	Room 225B			Hallway O/S 101			Room 100G			Hallway O/S 115			Room 105		
Air Volume (L)	150			150			150			150			150		
Fungal Identification	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%
Alternaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	1	7	6	-	-	-	4	28	5	-	-	-
Aspergillus/Penicillium-like	130	890	95	11	77	65	8	56	57	38	270	46	-	-	-
Basidiospores	2	14	2	1	7	6	1	7	7	11	77	13	3	21	60
Bipolaris/Dreschlera	-	-	-	-	-	-	-	-	-	3	21	4	-	-	-
Botrytis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cercospora	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cladosporium	3	21	2	1	7	6	-	-	-	1	7	1	2	14	40
Curvularia	-	-	-	-	-	-	-	-	-	2	14	2	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myxomycetes/*Periconia*/Rust/Smut	-	-	-	-	-	-	1	7	7	1	7	1	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oidium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petriella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	1	7	6	-	-	-	-	-	-	-	-	-
Stemphylium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichoderma-like	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	-	-	-	1	7	6	4	28	29	15	110	18	-	-	-
Other colored spores	-	-	-	1	7	6	-	-	-	-	-	-	-	-	-
Hyphal fragments	1	7	1	-	-	-	-	-	-	7	49	9	-	-	-
Total	130	930	100	17	120	100	14	98	100	82	570	100	5	35	100
Pollen/m^3	-			7			-			-			7		
Insect or dust mite parts/m^3	-			-			-			-			-		
Dectection Limit (spores/m^3)	7			7			7			7			7		
General Density	26-50%			1-25%			1-25%			51-75%			1-25%		
% Trace Analyzed	100%			100%			100%			100%			100%		

Method ID: AEMTEK SOP AF101 (ASTM D7391-17)
Direct microsopy detection limit: One spore or one hyphal fragment per sample.

Performed by: Brook Liu

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Laboratory Analysis Report

Data Sheet

AEMTEK No. 2109203

Project ID: Mold Air Sampling - Sandels Building
Project Location: Sandels Building, FSU, Tallahassee, Florida

Submitted to:
Mihir Environics Inc.
Tallahassee, FL 32308

Analysis Performed: Fungal Direct Examination-Air

Sample ID	A-21			A-22			A-23			A-24		
Sample Location	Room 100D (Exercize Room)			Outdoor			Room B008			Room B004		
Air Volume (L)	150			150			150			150		
Fungal Identification	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%	Count	Spores/m^3	%
Alternaria	-	-	-	3	21	<1	1	7	1	-	-	-
Ascospores	1	7	2	1,300	9,100	31	7	49	10	13	91	32
Aspergillus/Penicillium-like	33	230	69	530	3,700	13	18	130	26	14	98	34
Basidiospores	2	14	4	650	4,600	16	1	7	1	3	21	7
Bipolaris/Dreschlera	-	-	-	-	-	-	-	-	-	-	-	-
Botrytis	-	-	-	-	-	-	-	-	-	-	-	-
Cercospora	-	-	-	680	4,800	16	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-	-	-	-
Cladosporium	5	35	10	1	7	<1	3	21	4	-	-	-
Curvularia	1	7	2	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	1	7	1	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-	-	-	-
Myxomycetes/*Periconia*/Rust/Smut	-	-	-	200	1,400	5	6	42	9	1	7	2
Nigrospora	-	-	-	-	-	-	-	-	-	-	-	-
Oidium	-	-	-	-	-	-	-	-	-	-	-	-
Petriella	-	-	-	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-	-	-	-
Stemphylium	-	-	-	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-	-	-	-
Trichoderma-like	-	-	-	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-	-	-	-
Other hyaline spores	6	42	13	820	5,700	20	9	63	13	7	49	17
Other colored spores	-	-	-	4	28	<1	-	-	-	1	7	2
Hyphal fragments	-	-	-	-	-	-	23	160	33	2	14	5
Total	48	340	100	4,200	29,000	100	69	480	100	41	290	100
Pollen/m^3	-			35			14			7		
Insect or dust mite parts/m^3	-			-			28			-		
Dectection Limit (spores/m^3)	7			7			7			7		
General Density	1-25%			76-100%			76-100%			26-50%		
% Trace Analyzed	100%			100%			100%			100%		

Method ID: AEMTEK SOP AF101 (ASTM D7391-17)
Direct microsopy detection limit: One spore or one hyphal fragment per sample.

Performed by: Brook Liu

Sample Type Codes	
A - Air	B - Bulk
C - Culture	D - Dust
S - Swab	T - Tape
W - Water	Other:

Analysis Codes

FDE - Fungi Direct Exam: identifying fungi to genus or spore type. Rush services available.

FCG - Fungi Culturable, identified to Genus only.

FCS - Fungi Culturable, common Species identification without subculturing.

EBC - Environmental Bacteria Count and group/genus ID

SSC - Sewage Screen for total coliforms, *E. coli*, and enterococci. Please specify qualitative or quantitative.

Legionella

LG-C - *Legionella* Culturable

Legiolert - *L.pneumophila* Detection

LG-QPCR - *L.pneumophila* screen

Fungal QPCR Panels:

Health Care 46 - 46 species

Indoor Mold Panel - 22 species

Pathogenic *Aspergillus* spp.

Metagenomic Sequencing

16S - Bacteria
ITS - Fungi
To request both write: 16S & ITS

Turn Around Time

STD - standard/default, 7 days for culturable, 2-5 days for bacterial analysis.

Rush - not available for culturables

WH - Weekend or holiday service. Prior notice required.

FDE Only TAT Options

STD - 2 days	**3H** - 3 hours
SD - Same Day	**1D** - 1 day

AEMTEK

CHAIN OF CUSTODY

Industrial Hygiene Testing

Aemtek No.: 2109203

ail: labreports@aemtek.com AEMTEK Environmental Lab 466 Kato Terrace, Fremont, CA 94539 Phone: 510-979-1979 Fax: 510-668-1

Contact Information

Company: MIHIR ENVIRONICS INC
Contact: Ajay Thakkar
Address: 3161 ELIZA ROAD, UNIT 2, TALLAHASSEE, FL 32308
Phone: 850-422-1255 E-mail: ajay@mihirenvironics.com
Email for reporting: ajay@mihirenvironics.com

Project Information

Project: Mold Air Sampling - Sandels Building
Site: Sandels Building, FSU, Tallahassee, Florida
Sampled by: John DeLoach
Sampling Date: 8-31-2021

Sample ID	Sampling Location	Weight (g), Volume (L) or Area (sq. in.)	Analysis Requested	Sample Type	Turn Around Time	Notes / List of Target PCR Species (If applicable)
			Please use the codes on the right or specify			
A-1	Outside	150	FDE	A	STD	
A-2	Room 400	150	FDE	A	STD	
A-3	Hallway O/S 407	150	FDE	A	STD	
A-4	Room 424	150	FDE	A	STD	
A-5	Hallway O/S 425	150	FDE	A	STD	
A-6	Room 442D	150	FDE	A	STD	
A-7	Hallway O/S 342	150	FDE	A	STD	
A-8	Conference Room 336	150	FDE	A	STD	
A-9	Hallway O/S 324	150	FDE	A	STD	
A-10	Room 318	150	FDE	A	STD	
A-11	Room 301	150	FDE	A	STD	
A-12	Hallway O/S 204	150	FDE	A	STD	

Relinquished by

sign [signature] date 8/31/21
print time

Submit Samples To:

AEMTEK Sample Receiving
Attn: Environmental Lab
466 Kato Terrace
Fremont, CA 94539

Notes:

Please call Ajay 850-524-1736

Received by AEMTEK: Date & Time

[signature] 9/3/21 10:35

Call 510-979-1979 or email lab@aemtek.com with your specific analytical needs and concerns. To ensure analytical integrity, we reserve the right to reject inappropriately prepared/shipped samples. All analytical services subject to our standard terms and conditions. **Swab, culture plates and water samples should be shipped overnight and cold.** If no turn around time indicated, standard report time applies. Samples received after 5:00 pm on business days or in the weekend will be logged in the next business day. For "same day" service, samples must be received before 10 am; for "same day", 12:00 pm; for "3 hours". Our business hours are 8:00 am - 5:00 pm, PST, Monday - Friday. Contact the lab to arrange weekend or holiday analysis. For sampling and shipping information, please visit www.aemtek.com.

Sample Type Codes	
A - Air	B - Bulk
C - Culture	D - Dust
S - Swab	T - Tape
W - Water	Other:

Analysis Codes

FDE - Fungi Direct Exam: identifying fungi to genus or spore type. Rush services available.

FCG - Fungi Culturable, identified to Genus only.

FCS - Fungi Culturable, common Species identification without subculturing.

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Pathogenic *Aspergillus* spp.

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To request both write: 16S & ITS

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Rush - not available for culturables

WH - Weekend or holiday service. Prior notice required.

FDE Only TAT Options

STD - 2 days	**3H** - 3 hours
SD - Same Day	**1D** - 1 day

AEMTEK

CHAIN OF CUSTODY

Industrial Hygiene Testing

Aemtek No.: 2109203

ail: labreports@aemtek.com AEMTEK Environmental Lab 466 Kato Terrace, Fremont, CA 94539 Phone: 510-979-1979 Fax: 510-668-1

Contact Information		Project Information	
Company: MIHIR ENVIRONICS INC	Contact: Ajay Thakkar	Project: Mold Air Sampling - Sandels Building	
Address: 3161 ELIZA ROAD, UNIT 2, TALLAHASSEE, FL 32308		Site: Sandels Building, FSU, Tallahassee, Florida	
Phone: 850-422-1255 E-mail: ajay@mihirenvironics.com			
Email for reporting: ajay@mihirenvironics.com		Sampled by: John DeLoach	Sampling Date: 8-31-2021

Sample ID	Sampling Location	Weight (g), Volume (L) or Area (sq. in.)	Analysis Requested	Sample Type	Turn Around Time	Notes / List of Target PCR Species (If applicable)
			Please use the codes on the right or specify			
A-13	Room 214	150	FDE	A	STD	
A-14	Hallway O/S 221	150	FDE	A	STD	
A-15	Room 242	150	FDE	A	STD	
A-16	Room 225B	150	FDE	A	STD	
A-17	Hallway O/S 101	150	FDE	A	STD	
A-18	Room 100G	150	FDE	A	STD	
A-19	Hallway O/S 115	150	FDE	A	STD	
A-20	Room 105	150	FDE	A	STD	
A-21	Room 100D (Exercize room)	150	FDE	A	STD	
A-22	Outside	150	FDE	A	STD	
A-23	Room B008	150	FDE	A	STD	
A-24	Room B004	150	FDE	A	STD	

Relinquished by		Submit Samples To:	Notes:	Received by AEMTEK: Date & Time
sign [signature]	date 8/31/21	AEMTEK Sample Receiving Attn: Environmental Lab 466 Kato Terrace Fremont, CA 94539	Please call Ajay 850-524-1736	[signature] 9/3/21 10:35
print	time			

Call 510-979-1979 or email lab@aemtek.com with your specific analytical needs and concerns. To ensure analytical integrity, we reserve the right to reject inappropriately prepared/shipped samples. All analytical services subject to our standard terms and conditions. **Swab, culture plates and water samples should be shipped overnight and cold.** If no turn around time indicated, standard report time applies. Samples received after 5:00 pm on business days or in the weekend will be logged in the next business day. For "same day" service, samples must be received before 10 am; for "same day", 12:00 pm; for "3 hours". Our business hours are 8:00 am - 5:00 pm, PST, Monday - Friday. Contact the lab to arrange weekend or holiday analysis. For sampling and shipping information, please visit www.aemtek.com.

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Laboratory Analysis Report

Submitted to: **Mihir Environics Inc.**
3161 Eliza Rd. Unit 2,
Tallahassee, FL 32308
Attn: **Ajay Thakkar**

Purpose: The purpose of this report is to present laboratory results obtained by analyzing the samples submitted to Aemtek, Inc. The report includes this cover and the data sheet(s).

Limitation: The test results presented in this report are only related to the samples supplied by the client and analyzed by Aemtek. This report shall not be reproduced, except in full, without written authorization of Aemtek. Aemtek shall have no liability to anyone with respect to any interpretations or uses of the laboratory report, decisions made or actions taken as a result of or based on the data reported. In no event shall Aemtek's liability with respect to the reported test results exceed the amount paid for the project by the client to Aemtek.

Sample Information: Sample identification, location, volume, weight, and area are from the client's Chain of custody. Unless specifically noted, the samples were received in acceptable condition.

Significant Figures: Because of the nature of the biological samples and analytical methods, the number of significant figures should generally be one of two, although the actual calculation results are reported.

Sample Custody: Samples accepted by Aemtek shall remain the property of client while in the custody of Aemtek. Aemtek shall retain preparation of samples for 7 days following the date of issuing this report. After the retention period, the samples shall be sterilized and discarded, unless otherwise requested by the client.

Confidentiality: Aemtek shall not provide analytical results or client's project information to any party other than the client, unless requested by the client, in writing, or by law.

About Aemtek: Aemtek, Inc. is an environmental microbiology laboratory providing reliable, fast, and expert laboratory services for the detection, identification, and analysis of microorganisms. We are committed to excellence in quality, service, and technology. The laboratory is accredited by the American Industrial Hygiene Association (AIHA) in the Environmental Microbiology Laboratory Accreditation Program (EMLAP Lab #167620).

Project ID: **Mold Air Sampling - Sandels Building**

Location: **Sandels Building, FSU, Tallahassee, Florida**

Client Sampling Date: **8/31/2021**

Sample Received on: **9/3/2021**

Analysis Started on: **9/3/2021**

Data Reported on: **9/8/2021**

Approved By:

Brook Liu, Ph.D.
Laboratory Director

MICROBIOLOGY LABS · ISO/IEC 17025:2017 · Accredited Laboratory · AIHA LAP, LLC · AIHAACCREDITEDLABS.ORG · Lab ID # 167620

AEMTEK, Inc.
466 Kato Terrace, Fremont, CA 94539
Tel. +1 (510) 979-1979, Fax. +1 (510) 667-1980
E-mail: labreports@aemtek.com
www.aemtek.com

Laboratory Analysis Report

Data Sheet

AEMTEK No. 2109204-1

Project ID: Mold Air Sampling - Sandels Building
Project Location: Sandels Building, FSU, Tallahassee, Florida

Submitted to:
Mihir Environics Inc.
Tallahassee, FL 32308

Analysis Performed: Fungal Direct Examination-BDST

Sample ID	1	2	3
Sample Location	Duct Dust Room 422	Duct Dest Room 204	Duct Dust Room 322
Sample Type	BULK	BULK	BULK
Fungal Identification	Characterization	Characterization	Characterization
Acremonium	-	-	-
Alternaria	Rare	-	-
Ascospores	-	-	-
Aspergillus	-	-	-
Aspergillus/*Penicillium*-like	-	-	-
Aureobasidium	-	-	-
Basidiospores	-	-	N
Bipolaris Dreschlera	-	Rare	O
Botrytis	-	-	N
Ceratocystis/*Ophiostoma*	-	-	E
Chaetomium	-	-	-
Cladosporium	Colony	Colony	D
Curvularia	-	-	E
Epicoccum	-	-	T
Mucor	-	-	E
Myxomycetes/*Periconia*/Rust/Smut	Rare	-	C
Nigrospora	-	-	T
Penicillium	-	-	E
Petriella	-	-	D
Pithomyces	-	-	-
Stachybotrys	-	-	-
Stemphylium	-	-	-
Ulocladium	-	-	-
Other hyaline spores	-	-	-
Other colored spores	-	-	-
Hyphal fragments	TNTC	TNTC	-

Method ID: SOP AF102
Direct microsopy detection limit: One spore or one hyphal fragment per sample.
Data Interpretation Guideline:

Rare:	1 to 10 spores observed per sample preparation
Some:	11 to 30 spores observed per sample preparation
Common:	31-60 spores observed per sample preparation
Many:	61 to 100 spores observed per sample preparation
Abundant:	More than 100 spores observed per sample preparation

TNTC:	Too numerous to count, but no fruiting structure observed
Colony:	Abundant or numerous spores and associated fruiting structures observed
*:	Spores associated with hyphae and/or fruiting structures
None Detected:	No spore or hyphal fragment observed per sample preparation

Performed by: Brook Liu

AEMTEK

CHAIN OF CUSTODY

Industrial Hygiene Testing

Aemtek No.: 2109204

ıail: labreports@aemtek.com AEMTEK Environmental Lab 466 Kato Terrace, Fremont, CA 94539 Phone: 510-979-1979 Fax: 510-668-19

Sample Type Codes	
A - Air	**B** - Bulk
C - Culture	**D** - Dust
S - Swab	**T** - Tape
W - Water	Other:

Analysis Codes

FDE - Fungi Direct Exam: identifying fungi to genus or spore type. Rush services available.

FCG - Fungi Culturable, identified to Genus only.

FCS - Fungi Culturable, common Species identification without subculturing.

EBC - Environmental Bacteria Count and group/genus ID

SSC - Sewage Screen for total coliforms, *E. coli*, and enterococci. Please specify qualitative or quantitative.

Legionella

LG-C - *Legionella* Culturable

Legiolert - *L.pneumophila* Detection

LG-QPCR - *L.pneumophila* screen

Fungal QPCR Panels:

Health Care 46 - 46 species

Indoor Mold Panel - 22 species

Pathogenic *Aspergillus* spp.

Metagenomic Sequencing

16S - Bacteria
ITS - Fungi
To request both write: 16S & ITS

Turn Around Time

STD - standard/default, 7 days for culturable, 2-5 days for bacterial analysis.

Rush - not available for culturables

WH - Weekend or holiday service. Prior notice required.

FDE Only TAT Options

STD - 2 days	**3H** - 3 hours
SD - Same Day	**1D** - 1 day

Contact Information		Project Information	
Company: MIHIR ENVIRONICS INC	Contact: Ajay Thakkar	Project: Mold Air Sampling - Sandels Building	
Address: 3161 ELIZA ROAD, UNIT 2, TALLAHASSEE, FL 32308		Site: Sandels Building, FSU, Tallahassee, Florida	
Phone: 850-422-1255 E-mail: ajay@mihirenvironics.com			
Email for reporting: ajay@mihirenvironics.com		Sampled by: John DeLoach	Sampling Date: 8-31-2021

Sample ID	Sampling Location	Weight (g), Volume (L) or Area (sq. in.)	Analysis Requested	Sample Type	Turn Around Time	Notes / List of Target PCR Species (If applicable)
			Please use the codes on the right or specify			
1	Duct Dust Room 422		FDE & EC104	B	STD	
2	Duct Dust Room 204		FDE & EC104	B	STD	
3	Duct Dust Room 322		FDE & EC104	B	STD	

Relinquished by		Submit Samples To:	Notes:	Received by AEMTEK: Date & Time
sign [signature]	date 8/31/21	AEMTEK Sample Receiving Attn: Environmental Lab 466 Kato Terrace Fremont, CA 94539	Please call Ajay 850-524-1736	[signature] 9/3/21 10:35
print	time			

Call 510-979-1979 or email lab@aemtek.com with your specific analytical needs and concerns. To ensure analytical integrity, we reserve the right to reject inappropriately prepared/shipped samples. All analytical services subject to our standard terms and conditions. **Swab, culture plates and water samples should be shipped overnight and cold.** If no turn around time indicated, standard report time applies. Samples received after 5:00 pm on business days or in the weekend will be logged in the next business day. For "same day" service, samples must be received before 10 am; for "same day", 12:00 pm; for "3 hours". Our business hours are 8:00 am - 5:00 pm, PST, Monday - Friday. Contact the lab to arrange weekend or holiday analysis. For sampling and shipping information, please visit www.aemtek.com.

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Laboratory Analysis Report

Submitted to: **Mihir Environics Inc.**
3161 Eliza Rd. Unit 2,
Tallahassee, FL 32308
Attn: **Ajay Thakkar**

Purpose: The purpose of this report is to present laboratory results obtained by analyzing the samples submitted to Aemtek, Inc. The report includes this cover and the data sheet(s).

Limitation: The test results presented in this report are only related to the samples supplied by the client and analyzed by Aemtek. This report shall not be reproduced, except in full, without written authorization of Aemtek. Aemtek shall have no liability to anyone with respect to any interpretations or uses of the laboratory report, decisions made or actions taken as a result of or based on the data reported. In no event shall Aemtek's liability with respect to the reported test results exceed the amount paid for the project by the client to Aemtek.

Sample Information: Sample identification, location, volume, weight, and area are from the client's Chain of custody. Unless specifically noted, the samples were received in acceptable condition.

Significant Figures: Because of the nature of the biological samples and analytical methods, the number of significant figures should generally be one of two, although the actual calculation results are reported.

Sample Custody: Samples accepted by Aemtek shall remain the property of client while in the custody of Aemtek. Aemtek shall retain preparation of samples for 7 days following the date of issuing this report. After the retention period, the samples shall be sterilized and discarded, unless otherwise requested by the client.

Confidentiality: Aemtek shall not provide analytical results or client's project information to any party other than the client, unless requested by the client, in writing, or by law.

About Aemtek: Aemtek, Inc. is an environmental microbiology laboratory providing reliable, fast, and expert laboratory services for the detection, identification, and analysis of microorganisms. We are committed to excellence in quality, service, and technology. The laboratory is accredited by the American Industrial Hygiene Association (AIHA) in the Environmental Microbiology Laboratory Accreditation Program (EMLAP Lab #167620).

Project ID: **Mold Air Sampling - Sandels Builiding**

Location: **Sandels Building, FSU, Tallahassee, Florida**

Client Sampling Date: **8/31/2021**

Sample Received on: **9/3/2021**

Analysis Started on: **9/3/2021**

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Laboratory Analysis Report

Data Sheet

AEMTEK No. 2109204-2R

Project ID: Mold Air Sampling - Sandels Builiding
Project Location: Sandels Building, FSU, Tallahassee, Florida

Submitted to:
Mihir Environics Inc.
Tallahassee, FL 32308

Analysis Performed: Particle ID

Sample ID	1	2	3
Sample Location	Duct Dust Room 422	Duct Dust Room 204	Duct Dust Room 322
Sample Type	TAPELIFT	TAPELIFT	TAPELIFT
Analyzed Portion	100%	100%	100%
Particles Identification	Estimated Relative Abundance	Estimated Relative Abundance	Estimated Relative Abundance
Char-Burntwood	-	-	-
Cotton Fibers	Rare	-	-
Diatoms/Radiolaria	-	-	-
Dust Mite parts	-	-	-
Fungal Spores/Hyphal Fragments	TNTC	TNTC	-
Glass/Mineral Fiber	-	-	-
Gypsum	-	-	-
Ink and Paint	-	-	-
Insect Parts	-	-	-
Magnetic/Rust Fragments	-	-	-
Organic Platter-Shaped Particles	-	-	-
Other Manmade Fibers	Rare	-	Rare
Other Opaque Particles	Rare	-	-
Other Rocks/Minerals Particles	Rare	-	Rare
Plant/Paper Fibers	Some	-	-
Pollen	-	Rare	-
Quartz-Water Worn	-	-	-
Quartz-Wind Worn	-	Rare	-
Skin cells	Many	Abundant	Many
Soot-like/Carbonized Fragments	-	-	-
Trichomes	-	-	-
Unidentified/Amorphous	Rare	Rare	Rare
Wood fragments	-	-	-

Method ID: Optical and Phase Contrast Microscopy Examination

Direct microsopy detection limit: One particle or one hyphal fragment per sample.

Data Interpretation Guideline:

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Common: 31-60 particles observed per sample preparation
Many: 61 to 100 particles observed per sample preparation
Abundant: More than 100 particles observed per sample preparation
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Phone: 850-422-1255 E-mail: ajay@mihirenvironics.com			
Email for reporting: ajay@mihirenvironics.com		Sampled by: John DeLoach	Sampling Date: 8-31-2021

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