CORNELL UNIVERSITY
FACILITIES CONTRACTS
121 HUMPHREYS SERVICE BUILDING
ITHACA, NEW YORK 14853-3701

ROCKEFELLER HALL 4TH FLOOR
SPRINKLER FLOOR REMEDIATION

ADDENDUM NO. 2

July 22, 2026

This Addendum contains changes to the requirements of the Contract Documents and Specifications. Such changes are to be incorporated into the Construction Documents and shall apply to the work with the same meaning and force as if they had been included in the original document. Wherever this Addendum modifies a portion of a paragraph of the specifications or a portion of any Drawing, the remainder of the Paragraph or Drawing shall remain in force.

NOTE: Provisions of all Contract Documents apply.

Item 1. INSTRUCTIONS TO BIDDERS, INS-7, Paragraph 20.a.

DELETE in its entirety.

a. Work at the site shall be started within seven (7) calendar days from the date of issuance of written authorization to proceed and shall achieve substantial completion of the project no later than August 21, 2026.

REPLACE with:

a. Work at the site shall be started within seven (7) calendar days from the date of issuance of written authorization to proceed and shall achieve substantial completion of the project no later than **October 15, 2026**.

Item 2. BID PROPOSAL CERTIFICATION FORM, BF-1

DELETE in its entirety.

REPLACE with revised BF-1, attached.

GENERAL REQUIREMENTS

Item 3. 01 11 00 Summary of the Work, Paragraph 1.3 Contract Milestones, A.

REMOVE this section in its entirety

REPLACE with:

A. Work sequence shall be to complete the first floor, then complete the fourth floor. Floors two and three to follow. **The Contractor shall work with the facility to coordinate details (hours of operation, degree of noise, etc.) of the Work. Some areas of the building will be more sensitive to noise that others, like classrooms verses faculty offices.**

Item 4. **DELETE** 01 23 00 Alternates in its entirety.

Item 5. Section 01 35 29 General Health & Safety

ADD Laboratory Results for: Rockefeller Hall – Fly Ash Sampling, attached.

TECHNICAL SPECIFICATIONS

Item 6. Section 02 08 01 Contaminated Materials Management

DELETE in its entirety.

REPLACE with revised Section 02 08 01 Contaminated Materials Management, attached.

DRAWINGS

Item 7. Drawing H-100

DELETE in its entirety.

REPLACE with revised Drawing H-100, attached.

Item 8. Drawing H-101

DELETE in its entirety.

REPLACE with revised Drawing H-101, attached.

Item 9. Drawing H-102

DELETE in its entirety.

REPLACE with revised Drawing H-102, attached.

Attachments: Revised BF-1
Laboratory Results for: Rockefeller Hall – Fly Ash Sampling
Section 02 08 01 – Contaminated Materials Management
Drawing H-100
Drawing H-101
Drawing H-102

******END OF ADDENDUM******

ROCKEFELLER HALL 4TH FLOOR
SPRINKLER FLOOD REMEDIATION

Cornell University, Ithaca, New York

BID PROPOSAL CERTIFICATION FORM

Vendor Name:	
Type of Firm, State of Incorporation if Applicable	
Street Address, City, State, Zip	

Having carefully examined the Instructions to Bidders, the "Conditions of the Contract" (General, Division 1 - "General Requirements"), Supplemental Conditions, the Drawings, Specifications and associated Bid Documents dated June, 19, 2026, as prepared by LaBella Associates, D.P.C., 300 State Street, Suite 201, Rochester, New York, 14614, as well as the premises and conditions affecting the work, proposes to furnish all material, equipment, labor, plant, machinery, tools, supplies, services, applicable taxes and specified insurance necessary to perform the entire work, as set forth in, and in accordance with the said documents.

1. Receipt of the Addenda to the Terms and Conditions, Drawings or Specifications has been acknowledged in the Owner's electronic project management Bid Portal.

2. Milestone Dates

    a. The undersigned agrees, if awarded the Contract, to commence work at the site within seven (7) calendar days after date of issuance of written notice to proceed and to achieve substantial completion of the project no later than **October 15, 2026**.

    b. The Contractor shall provide adequate labor and equipment in the Bid to ensure that no slippage of the schedule will occur. Contractor shall attach a Project Duration Schedule to this form that meets the duration established.

    c. Following are additional Milestone Dates:

Work sequence shall be to complete the first floor, then complete the fourth floor. Floors two and three to follow.

July 20, 2026 Service Request No:R2610855

Drew Brantner
Labella Associates, PC
300 State Street, 2nd Floor
Suite 201
Rochester, NY 14614

Laboratory Results for: Rockefeller Hall - Fly Ash Sampling

Dear Drew,

Enclosed are the results of the sample(s) submitted to our laboratory July 14, 2026
For your reference, these analyses have been assigned our service request number **R2610855.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Mike Pelychaty

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Environmental

Client: Labella Associates, PC
Project: Rockefeller Hall - Fly Ash Sampling
Sample Matrix: Soil

Service Request: R2610855
Date Received: 07/14/2026

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Four soil samples were received for analysis at ALS Environmental on 07/14/2026. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivoa GC:

No significant anomalies were noted with this analysis.

Metals:

When analyzed without dilution, the concentration of one or more elements in one or more samples exceeded the associated single element interference check concentration. As per section 9.9.1 of EPA 6010D, affected samples were diluted to reduce the solution concentration of the high concentration element below the interference check concentration, whether or not the high concentration element was an analyte of interest. The dilution has increased the reporting limits accordingly.

Approved by _____ Date 07/20/2026

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: 4th Floor			Lab ID: R2610855-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Barium	0.352			0.050	mg/L	6010D
Mercury	0.00776			0.00020	mg/L	7470A

CLIENT ID: 3rd Floor			Lab ID: R2610855-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Barium	0.149			0.050	mg/L	6010D

CLIENT ID: 2nd Floor			Lab ID: R2610855-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Barium	0.32			0.15	mg/L	6010D
Mercury	0.00091			0.00020	mg/L	7470A

CLIENT ID: 1st Floor			Lab ID: R2610855-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Barium	0.315			0.050	mg/L	6010D
Mercury	0.0121			0.0010	mg/L	7470A

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Labella Associates, PC **Service Request:**R2610855

Project: Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2610855-001	4th Floor	7/14/2026	0915
R2610855-002	3rd Floor	7/14/2026	0940
R2610855-003	2nd Floor	7/14/2026	1000
R2610855-004	1st Floor	7/14/2026	1020

ALS Environmental

Laboratory location:
Rochester NY

Chain of Custody Form

Page 1 of 1

ALS Project Manager:		Work Order #:	

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Rockefeller Hall - Fly Ash Sampling	A	RCRA 8 Metals TCLP
Work Order		Project Number	2262751 Phase 01	B	
Company Name	LaBella Associates	Bill To Company	LaBella Associates	C	
Send Report To	Cory Stamp	Invoice Attn.	Cory Stamp	D	
Address	300 State Street, Suite 200	Address	300 State Street, Suite 200	E	
				F	
City/State/Zip	Rochester, NY 14614	City/State/Zip	Rochester, NY 14614	G	
Phone	(607) 591-7516	Phone	(607) 591-7516	H	
Fax		Fax		I	
e-Mail Address	cstamp@labellapc.com	e-Mail Address	cstamp@labellapc.com	J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	4th FLOOR	07/14/26	9:15 AM		N.A.		X										
2	3RD FLOOR	07/14/26	9:40 AM		N.A.		X										
3	2ND FLOOR	07/14/26	10:00 AM		N.A.		X										
4	1st FLOOR	07/14/26	10:20 AM		N.A.		X										
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign
Terry Allen

Shipment Method:
Delivered

Required Turnaround Time:
☐ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☑ Other 30 DAY

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
	7/14/26	2:10 PM	ALS	
Relinquished by:	**Date:**	**Time:**	**Received by (Laboratory):**	**Cooler Temp.**
Logged by (Laboratory):	**Date:**	**Time:**	**Checked by (Laboratory):**	

QC Package: (Check Box Below)

	Level II: Standard QC		TRRP-Checklist
	Level III: Std QC + Raw Data		TRRP Level IV
	Level IV: SW846 CLP-Like		
	Other:		

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:
https://www.alsglobal.com/ALSGroupUSACorpTC

R2610855 5
Labella Associates, PC
Rockefeller Hall - Fly Ash Sampling

R2610855 5
Labella Associates, PC
Rockefeller Hall - Fly Ash Sampling

Cooler Receipt and Preservation Check Form

Project/Client Rockefeller Hall - Fly Ash Sampling Folder Number _____.

Cooler received on 7/14/26 by: MM COURIER: ALS UPS FEDEX PDQ USPS (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	Did **VOA** vials have sig* **bubbles?**	Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?** Y N (NA) **Sulfide?**	Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC) CLIENT
4	Circle: **Wet Ice** **Dry Ice** **Gel packs** present?	Y (N)	7	Soil VOA received as: Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 7/14/26 Time: 14:19 ID: (IR#11) IR#12 IR#13 From: Temp Blank (Sample Bottle)

Temp (°C)	22.9						
Within 0-6°C?	Y (N)	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by MM on 7/14/26 at 14:21
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7/14/26 Time: 17:14 by: MM

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES (NO)
10. Did all bottle labels and tags agree with custody papers? YES (NO)
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: No lot info
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: MM *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Labella Associates, PC **Service Request:** R2610855
Project: Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01

Sample Name: 4th Floor **Date Collected:** 07/14/26
Lab Code: R2610855-001 **Date Received:** 07/14/26
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010D	GCONSTANTINO	GCONSTANTINO
7470A	ECASTROVINCI	ECASTROVINCI

Sample Name: 3rd Floor **Date Collected:** 07/14/26
Lab Code: R2610855-002 **Date Received:** 07/14/26
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010D	GCONSTANTINO	GCONSTANTINO
7470A	ECASTROVINCI	ECASTROVINCI

Sample Name: 2nd Floor **Date Collected:** 07/14/26
Lab Code: R2610855-003 **Date Received:** 07/14/26
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010D	GCONSTANTINO	GCONSTANTINO
7470A	ECASTROVINCI	ECASTROVINCI

Sample Name: 1st Floor **Date Collected:** 07/14/26
Lab Code: R2610855-004 **Date Received:** 07/14/26
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010D	GCONSTANTINO	GCONSTANTINO
7470A	ECASTROVINCI	ECASTROVINCI

PREP METHODS - INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7 / 200.8	EPA 200.2
6010D	EPA 3005A/3010A
6020B	EPA ILM05.3
9034 Sulfide Acid Soluble	EPA 9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010D	EPA 3050B
6010D TCLP (1311) extract	EPA 3005A/3010A
6010D SPLP (1312) extract	EPA 3005A/3010A
7199	EPA 3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

PREP METHODS - ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

METHOD VERSION INFORMATION

The full revision information for the following methods in the results pages is incomplete. Use this table for complete revision information, as displayed on the laboratory's NY Certificate of Approval.

Method in Report	Extended Method Reference		Method in Report	Extended Method Reference
120.1	EPA 120.1 Rev 1982		353.2	EPA 353.2 Rev. 2.0 (1993)
180.1	EPA 180.1 Rev. 2.0 (1993)		365.1	EPA 365.1 Rev. 2.0 (1993)
200.7	EPA 200.7 Rev. 4.4 (1994)		420.4	EPA 420.4 Rev. 1.0 (1993)*
200.8	EPA 200.8 Rev. 5.4 (1994)		Kelada-01	Kelada-01 Rev. 1.2
218.6	EPA 218.6 Rev. 3.3 (1994)		SM 2330B (PW)	SM 18-22 2330B
245.1	EPA 245.1 Rev. 3.0 (1994)		SM 2330B (NPW)	SM 2330B-2016
300.0	EPA 300.0 Rev. 2.1 (1993)		SM 4500-CN G	SM 4500-CN G-2016
335.4	EPA 335.4 Rev. 1.0 (1993)		SM 5910B	SM 21-23 5910B (-00,-11)
350.1	EPA 350.1 Rev. 2.0 (1993)		SM 9223B	SM 20, 21-23 9223B (-04) (Colilert)
351.2	EPA 351.2 Rev. 2.0 (1993)		Calculation (Nitrate as N)	EPA 353.2 Rev. 2.0 (1993)

*for the Total Phenolics method EPA 420.4, the laboratory uses an in-line distillation, which is an allowable modification for the Clean Water Act under the flexibility to modify methods at 40 CFR Part 136.6.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Metals

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1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2610855
Project:	Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01	**Date Collected:**	07/14/26 09:15
Sample Matrix:	Soil	**Date Received:**	07/14/26 14:10
Sample Name:	4th Floor	**Basis:**	As Received
Lab Code:	R2610855-001		

Toxicity Characteristics Leachate Procedure (TCLP)

Inorganic Parameters

Pre-Prep Method: EPA 1311

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:00	07/16/26	
Barium	6010D	**0.352**	mg/L	0.050	1	07/17/26 11:00	07/16/26	
Cadmium	6010D	0.020 U	mg/L	0.020	1	07/17/26 11:00	07/16/26	
Chromium	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:00	07/16/26	
Lead	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:00	07/16/26	
Mercury	7470A	**0.00776**	mg/L	0.00020	1	07/17/26 09:55	07/16/26	
Selenium	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:00	07/16/26	
Silver	6010D	0.020 U	mg/L	0.020	1	07/17/26 11:00	07/16/26	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2610855
Project:	Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01	**Date Collected:**	07/14/26 09:40
Sample Matrix:	Soil	**Date Received:**	07/14/26 14:10
Sample Name:	3rd Floor	**Basis:**	As Received
Lab Code:	R2610855-002		

Toxicity Characteristics Leachate Procedure (TCLP)

Inorganic Parameters

Pre-Prep Method: EPA 1311

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:03	07/16/26	
Barium	6010D	**0.149**	mg/L	0.050	1	07/17/26 11:03	07/16/26	
Cadmium	6010D	0.020 U	mg/L	0.020	1	07/17/26 11:03	07/16/26	
Chromium	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:03	07/16/26	
Lead	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:03	07/16/26	
Mercury	7470A	0.00020 U	mg/L	0.00020	1	07/17/26 09:58	07/16/26	
Selenium	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:03	07/16/26	
Silver	6010D	0.020 U	mg/L	0.020	1	07/17/26 11:03	07/16/26	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2610855
Project:	Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01	**Date Collected:**	07/14/26 10:00
Sample Matrix:	Soil	**Date Received:**	07/14/26 14:10
Sample Name:	2nd Floor	**Basis:**	As Received
Lab Code:	R2610855-003		

Toxicity Characteristics Leachate Procedure (TCLP)

Inorganic Parameters

Pre-Prep Method: EPA 1311

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010D	0.15 U	mg/L	0.15	3	07/17/26 11:19	07/16/26	
Barium	6010D	**0.32**	mg/L	0.15	3	07/17/26 11:19	07/16/26	
Cadmium	6010D	0.060 U	mg/L	0.060	3	07/17/26 11:19	07/16/26	
Chromium	6010D	0.15 U	mg/L	0.15	3	07/17/26 11:19	07/16/26	
Lead	6010D	0.15 U	mg/L	0.15	3	07/17/26 11:19	07/16/26	
Mercury	7470A	**0.00091**	mg/L	0.00020	1	07/17/26 10:00	07/16/26	
Selenium	6010D	0.15 U	mg/L	0.15	3	07/17/26 11:19	07/16/26	
Silver	6010D	0.060 U	mg/L	0.060	3	07/17/26 11:19	07/16/26	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2610855
Project:	Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01	**Date Collected:**	07/14/26 10:20
Sample Matrix:	Soil	**Date Received:**	07/14/26 14:10
Sample Name:	1st Floor	**Basis:**	As Received
Lab Code:	R2610855-004		

Toxicity Characteristics Leachate Procedure (TCLP)

Inorganic Parameters

Pre-Prep Method: EPA 1311

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:09	07/16/26	
Barium	6010D	**0.315**	mg/L	0.050	1	07/17/26 11:09	07/16/26	
Cadmium	6010D	0.020 U	mg/L	0.020	1	07/17/26 11:09	07/16/26	
Chromium	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:09	07/16/26	
Lead	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:09	07/16/26	
Mercury	7470A	**0.0121**	mg/L	0.0010	5	07/17/26 10:08	07/16/26	
Selenium	6010D	0.050 U	mg/L	0.050	1	07/17/26 11:09	07/16/26	
Silver	6010D	0.020 U	mg/L	0.020	1	07/17/26 11:09	07/16/26	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Metals

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2610855
Project:	Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	As Received
Lab Code:	R2610855-MB1		

Toxicity Characteristics Leachate Procedure (TCLP)

Inorganic Parameters

Pre-Prep Method: EPA 1311

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010D	0.050 U	mg/L	0.050	1	07/17/26 10:47	07/16/26	
Barium	6010D	0.050 U	mg/L	0.050	1	07/17/26 10:47	07/16/26	
Cadmium	6010D	0.020 U	mg/L	0.020	1	07/17/26 10:47	07/16/26	
Chromium	6010D	0.050 U	mg/L	0.050	1	07/17/26 10:47	07/16/26	
Lead	6010D	0.050 U	mg/L	0.050	1	07/17/26 10:47	07/16/26	
Mercury	7470A	0.00020 U	mg/L	0.00020	1	07/17/26 09:30	07/16/26	
Selenium	6010D	0.050 U	mg/L	0.050	1	07/17/26 10:47	07/16/26	
Silver	6010D	0.020 U	mg/L	0.020	1	07/17/26 10:47	07/16/26	

Analytical Report

Client:	Labella Associates, PC	**Service Request:**	R2610855
Project:	Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	As Received
Lab Code:	R2610855-MB2		

Toxicity Characteristics Leachate Procedure (TCLP)

Inorganic Parameters

Pre-Prep Method: EPA 1311

Analyte Name	Analysis Method	Result		Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:50	07/16/26	
Barium	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:50	07/16/26	
Cadmium	6010D	0.020	U	mg/L	0.020	1	07/17/26 10:50	07/16/26	
Chromium	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:50	07/16/26	
Lead	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:50	07/16/26	
Mercury	7470A	0.00020	U	mg/L	0.00020	1	07/17/26 09:32	07/16/26	
Selenium	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:50	07/16/26	
Silver	6010D	0.020	U	mg/L	0.020	1	07/17/26 10:50	07/16/26	

Client:	Labella Associates, PC	**Service Request:**	R2610855
Project:	Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	As Received
Lab Code:	R2610855-MB3		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:40	07/16/26	
Barium	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:40	07/16/26	
Cadmium	6010D	0.020	U	mg/L	0.020	1	07/17/26 10:40	07/16/26	
Chromium	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:40	07/16/26	
Lead	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:40	07/16/26	
Mercury	7470A	0.00020	U	mg/L	0.00020	1	07/17/26 08:49	07/16/26	
Selenium	6010D	0.050	U	mg/L	0.050	1	07/17/26 10:40	07/16/26	
Silver	6010D	0.020	U	mg/L	0.020	1	07/17/26 10:40	07/16/26	

Client: Labella Associates, PC
Project: Rockefeller Hall - Fly Ash Sampling/2262751 Phase 01
Sample Matrix: Soil

Service Request: R2610855
Date Analyzed: 07/17/26

Lab Control Sample Summary
Inorganic Parameters

Units:mg/L
Basis: As Received

Lab Control Sample
R2610855-LCS

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010D	0.492	0.500	98	80-120
Barium	6010D	2.43	2.50	97	80-120
Cadmium	6010D	0.495	0.500	99	80-120
Chromium	6010D	0.497	0.500	99	80-120
Lead	6010D	0.505	0.500	101	80-120
Mercury	7470A	0.00104	0.00100	104	80-120
Selenium	6010D	0.502	0.500	100	80-120
Silver	6010D	0.254	0.250	102	80-120

SECTION 020801 – CONTAMINATED MATERIALS MANAGEMENT

PART 1 - GENERAL

1.1 SCOPE OF WORK

A. Work of this Section shall be performed in accordance with the requirements of the Contract Documents, including but not limited to General Conditions, the Supplementary General Conditions, Instructions to Bidders and technical specification sections with any attached reference drawings.

B. This Section specifies the requirements for the proper handling, management, characterization, disposal and the protection of workers for any work that disturbs the cinders/fly ash/fill (fly ash) materials within the subfloor systems. Specifically, the fly ash within the subfloor systems have been documented to contain elevated concentrations of heavy metals, particularly mercury.

C. Furnish all labor, materials, supervision, construction tools and equipment necessary to control and manage hazards associated with heavy metals during the disturbance of the subfloor systems to protect both workers in the area and areas outside of the work area from being impacted (e.g., dust emanating from the work area). As necessary, provide trained personnel to properly store and dispose of contaminated materials.

Various regulated building materials reports can be found in Specification Section 013529. These reports include test data on the fly ash within the work area.

Contractors shall review all hazardous materials drawings in conjunction with the provided reports and this specification and shall base their bids and work planning on the full scope of information provided therein.

D. The Contractor shall be aware of all conditions of the Project and is responsible for verifying quantities and locations of all Work to be performed referenced in the Contract Documents. Failure to do so shall not relieve the Contractor of its obligation to furnish all labor and materials necessary to perform the Work.

E. Manage all work within the work area so that any disturbance of the fly ash does not generate airborne dust that migrates outside of the work area. Manage the Material excavation and transportation to prevent the tracking and deposition of contaminated Materials to locations outside the work area..

F. Fugitive dust control measures shall be implemented as necessary during project excavation to prevent dust emissions from the work area.

1.2 Part not used.

1.3 REFERENCES

A. New York State Department of Environmental Conservation (DEC) 6NYCRR:
   1. Part 360 Solid Waste Management Facilities.

2. Part 364 Waste Transporter Permits.
3. Part 370 Hazardous Waste Management System-General.
4. Part 371 Identification and Listing of Hazardous Wastes.
5. Part 372 Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities.
6. Part 373 Hazardous Waste Management Facilities.
7. Part 375: Environmental Remediation Programs.

B. Occupational Safety and Health Administration (OSHA): Lead Exposure in Construction: Interim Final Rule 29 CFR 1926.62.

C. U.S. Environmental Protection Agency (EPA): Toxicity Characteristics Leaching Procedure EPA Method 1311.

D. U.S. Environmental Protection Agency (EPA): Resource Conservation and Recovery Act (RCRA) Section 3004 Hazardous and Solid Waste Amendments.

E. New York State Department of Labor (NYSDOL) 12 NYCCR Part 56, as amended March 21, 2007. Also known as Industrial Code Rule 56 (ICR 56).

F. Local Requirements: Abide by all local requirements which govern demolition work or hauling and disposal of hazardous waste materials.

1.4 APPLICABLE STANDARDS AND REGULATIONS

A. All activities related to the work shall be conducted in compliance with all applicable laws, regulations, and requirements which may include, but not be limited to: EPA, DOT, RCRA, TSCA, OSHA, NYSDOL New York State Department of Environmental Conservation (NYS DEC), etc.

B. The Contractor is required to secure and maintain all required regulatory permits necessary to perform all aspects of the work.

C. The Contractor shall containerize and store waste in accordance with all applicable regulations. All containers shall be appropriately marked/labeled, including the accumulation start date indicated on each package.

1.5 DEFINITIONS

A. CONTAMINATED MATERIALS means the cinders/fly ash/fill material within the work area that has been proven to contain mercury as well as the underlaying tongue and groove wood ceilings.

B. ENCAPSULANT: a liquid material which can be applied to contaminated material and which prevents the release of material either by creating a membrane over the surface (bridging encapsulant) or by penetrating into the material and binding its components together to the substrate (penetrating encapsulant).

C. HAZARDOUS WASTE shall be any generated waste stream that possess at least one of four characteristics (ignitability, corrosivity, reactivity or toxicity) as defined and regulated by the

Resource Conservation and Recovery Act (RCRA) and applicable state and federal regulations, or a material specifically identified as hazardous waste by applicable Federal or State lists, in 40 CFR 261 or 6 NYCRR 371, respectively.

1. All waste streams created during this project containing the above defined CONTAMINATED MATERIALS have been proven to not be hazardous waste by Toxicity Characteristic Leaching Procedure (TCLP) waste stream sampling. These contaminated materials shall be disposed of as demolition debris.

D. CONDITIONALLY EXEMPT/VERY SMALL QUANTITY GENERATOR (CESQ/VSQG) of hazardous waste shall be a waste handler who generates no more than 100 kilograms per month of listed and/or characteristic hazardous waste, generates no more than 1 kilogram of acute hazardous waste in any calendar month, and stores no more than 1,000 kilograms of listed and/or characteristic hazardous waste or more than 1 kilogram of acutely hazardous waste.

E. SMALL QUANTITY GENERATOR (SQG) of hazardous waste shall be a waste handler who generates more than 100 kilograms but less than 1,000 kilograms per month of listed and/or characteristic hazardous waste, generates no more than 1 kilogram of acute hazardous waste per month, and stores no more than 6,000 kilograms of listed and/or characteristic hazardous waste or more than 1 kilogram of acutely hazardous waste.

F. LARGE QUANTITY GENERATOR (LQG) of hazardous waste shall be a waste handler who generates more than 1,000 kilograms per month of listed and/or characteristic hazardous waste, generates more than 1 kilogram of acute hazardous waste per month, or stores more than 6,000 kilograms of hazardous waste or 1 kilogram of acutely hazardous waste.

G. THE OWNER'S ENVIRONMENTAL CONSULTANT: The Owner shall provide a third-party environmental consultant to provide pre-work assessments, project monitoring assessments for the construction procedures for the work area, surrounding areas waste sampling, and container storage area, submittal review, and inspection and signoff of all hazardous waste shipments as well as final clearance assessments. The Contractor shall be responsible for the worker protection requirements.

H. WORK AREA means the area that the contractor establishes to contain the dust generated by project work.

1.6 SUBMITTALS

A. Pre-Work Submittals:

1. Worker's Qualifications Data:
   a. List of the employees scheduled to perform this work and their project function (Supervisor or Worker)
   b. Subparagraph not used.
   c. Subparagraph not used.
   d. For each employee:
      i Annual hazardous waste RCRA training as per 40 CFR 260.10, 262.17(a)(7), 264.16 & 265.16.
      ii Current annual medical respiratory clearance.
      iii Current satisfactory respiratory fit test results.

iv Valid United States Department of Transportation (DOT) training [49 CFR 172.704] for all employees loading waste and maintaining on-site waste storage area. This training shall include: general awareness / familiarization training; function specific training; safety training; security awareness training; and in-depth security training.

e. Documentation of employee participation in the Contractor's Lead Exposure Control Program.

f. Commercial Driver's License (CDL) information for any employee operating applicable vehicles.

2. Paragraph not used.

3. Removal Work Plan and Drawing(s): Provide a written work plan description of work and drawing(s) that clearly indicate the following:
   a. All work areas/phases numbered sequentially.
   b. Site/work area preparation and cleanup procedures.
   c. Contractor's Health and Safety Plan (HASP).
   d. Container Storage Area (CSA) location and construction details.
   e. Include waste transport routes to the CSA from each work area/phase.
   f. Include plan for hazardous waste segregation and minimization.

4. Encapsulant
   a. Safety Data Sheet (SDS) for contaminated material encapsulant.
      i Encapsulant shall be Fiberlock Technologies ABC Asbestos Binding Compound or similar pending approval by Owner and Environmental Consultant.
      ii Encapsulant shall be a different color than the encapsulated contaminated material.

B. On-Site & During Construction:

1. Updated licenses/permits and acknowledgement letters for any changes in transporter or disposal site.

2. Toxicity Characteristic Leaching Procedure (TCLP) waste sample results.

3. Completed Waste Profile form(s). Contractor shall utilize analytical test results from the survey report and / or TCLP results provided by Environmental Consultant, as appropriate, to generate waste profile.

4. Waste disposal log.

5. Copy of Waste Manifest for each load of waste that is removed from site.

C. Contract Closeout Submittals:

1. All applicable waste documentation, including but not limited to Uniform Hazardous Waste Manifests, waste profiles, certificate of disposal/recycling and disposal facility acknowledgment/acceptance letter(s)/documentation.

2. Documentation (i.e. daily log) of Container Storage Area (CSA) closure (if applicable) in accordance with applicable federal and state regulations.

3. Environmental Consultant shall provide all TCLP waste sample laboratory results including completed chain of custody forms and valid laboratory NYS DOH ELAP certifications, if applicable.

PART 2 - PRODUCTS

2.1 PROTECTIVE CLOTHING

A. Provide personnel utilized during the Project with disposable protective whole body clothing, head coverings, and foot coverings. Provide appropriate disposable gloves (i.e. neoprene or butyl gloves appropriate for handling the waste material), suitable to prevent hazardous waste skin contact, to protect hands.

B. Eye protection and hard hats shall be provided and made available for all personnel entering any Work Area.

C. Authorized visitors shall be provided with suitable protective clothing, headgear, eye protection, gloves, and footwear whenever they enter the Work Area.

2.2 SIGNS AND LABELS

A. Provide warning signs and barrier tapes at all approaches to Work Areas. Locate signs at such distance that personnel may read the sign and take the necessary protective steps required before entering the area.

B. Section not used.

C. Section not used.

2.3 EQUIPMENT AND MATERIALS

A. All dry vacuuming performed under this contract shall be performed with HEPA filter equipped industrial vacuums conforming to ANSI Z9.2.

B. Any power tools used to drill, cut into, or otherwise disturb hazardous material shall be manufacturer equipped with HEPA filtered local exhaust ventilation, unless specified otherwise.

C. All polyethylene (plastic) sheeting used on the Project (including but not limited to sheeting used for critical and isolation barriers, fixed objects, walls, floors, ceilings, and waste container) shall be at least 6 mil clear fire retardant sheeting.

2.4 RESPIRATORY PROTECTION

A. Establish a respirator program as required by ANSI Z88.2 and 29 CFR 1910.134. Provide respirator training.

B. Select respirators from those approved by the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services. High Efficiency Particulate Air (HEPA) respirator filters shall be approved by NIOSH and shall conform to the OSHA requirements in 29 CFR 1910.134.

C. The Contractor shall provide and make available a sufficient quantity of respirator filters so that filter changes can be made as necessary during the work day. Filters will be removed and discarded during the decontamination process. Filters cannot be reused. Filters must be changed if breathing becomes difficult. Filters provided to the personnel shall be appropriate to the hazardous waste(s) being handled as well as any chemicals brought on site and used to facilitate the removals.

2.5 ENCAPSULANT

A. The encapsulant solvent or vehicle shall not be or contain a volatile material. It shall not release hazardous air pollutants, as defined by NYS DEC 6 NYCRR 200.1(ag), into the air when applied or during curing.

B. The applied encapsulant shall be a different color than the contaminated materials.

C. Encapsulant shall be Fiberlock Technologies, Inc. ABC Asbestos Binding Compound or a similar product pending approval by the Owner and Environmental Consultant.

PART 3 - EXECUTION

3.1 NOTIFICATION

A. Notify the Owner and Environmental Consultant a minimum of 5 working days prior to the start of any work involving the disturbance of the work area.

3.2 WORK AREA PROTECTION

A. Airlocks: Each entry/exit for the work area shall, at a minimum, have an airlock attached.
   1. Airlock construction shall consist of two (2) curtained doorways with three (3) alternating six (6) mil fire retardant polyethylene curtains per doorway, separated by a distance of at least three (3) feet, such that one passes through one doorway into the airlock, allowing the doorway sheeting to overlap and close off the opening before proceeding through the next doorway. Minimum airlock size shall be three (3) feet wide, by three (3) feet long, by six (6) feet in height.
   2. All airlocks shall have lockable doorways at the entrance to the airlock from uncontaminated areas.
   3. Airlocks shall not be used as a waste decontamination area and shall be kept clean and free of contaminated waste.

B. Critical Barriers: Critical barriers shall be constructed at a minimum to seal off all openings and penetrations to the regulated work area including, but not limited to, operable windows and skylights, doorways and corridors (which shall not be used for passage), ducts, grills, diffusers, HVAC system seams, and any other penetrations to surfaces within the regulated abatement work area. All electrical and mechanical components within the work areas shall either be sealed under critical barriers or cleaned by the Contractor. Critical barriers shall be constructed using two (2) independent layers of at least six (6) mil fire-retardant plastic sheeting with each layer sealed separately with duct tape. Caulk and fire-retardant expandable foam may be used to seal small

openings or penetrations. Doorways and corridors, which shall not be used for passage during the project, shall also be sealed.

C. Negative Air Pressure: A negative air pressure, relative to areas outside of the enclosure, shall be maintained at all times in the regulated work area during the contaminated materials abatement project to ensure that contaminated air in the regulated abatement work area does not escape back to an uncontaminated area.
   1. All negative air pressure equipment shall provide HEPA filtration of all air exhausted from the containment area.
   2. Pre-filters, secondary filters, and HEPA filters shall be replaced when dirty.
   3. Negative pressure HEPA filtered ventilation units shall be exhausted to the outside of the building or structure and away from public access and to a controllable area.
   4. A four (4) foot high construction fence with appropriate signage shall be constructed at a minimum of ten (10) feet from the end of the exhaust duct tube, or bank of duct tubes, to surround and control this area from public access. For ground level exhaust duct terminations at the immediate exterior of the building/structure, the fence shall be installed at the tube discharge location.
   5. The negative air pressure equipment shall operate continuously, twenty-four (24) hours a day, from startup of negative air pressure equipment , through the cleanup operations, until all contaminated materials are removed from the work area.

D. Travel Through Uncontaminated Areas: If at any time a worker must travel through an uncontaminated area, the worker shall HEPA-vacuum and/or wet wipe his/her outer protective clothing while in the regulated abatement work area, then proceed into the airlock, which serves as a changing area, where he/she shall remove the outer clothing and don a clean set of protective clothing. The worker may then proceed to the next relevant work area. Travel through areas not relevant to the project shall not be allowed.

3.3 CONTAMINATED MATERIALS REMOVAL

A. No dry removal or dry disturbance of contaminated materials shall be permitted. The contaminated materials shall be adequately wetted and thoroughly saturated prior to and during abatement.

B. On detachment from the substrate, contaminated materials shall be directly bagged or containerized. Additional water shall be added as necessary to the waste bags/containers to ensure that all waste remains adequately wet within the bags/containers.

C. All waste generated shall be bagged, wrapped or containerized immediately upon removal. Cleanup of accumulations of loose debris/waste material shall be performed whenever enough loose debris/waste material has been removed to fill a single leak-tight container appropriate for the type of material being removed. Cleanup of all remaining waste generated shall be performed at least once prior to close of each workshift. All waste material shall be kept adequately wet at all times.

D. Accumulations of dust or debris shall be cleaned off all surfaces on a daily basis using HEPA-vacuum or both at the end of each workshift.

E. At the end of the removal work, each work area will be inspected to assess for dust or debris and re-cleaned as needed to the satisfaction of the Owner or Owner’s representative.

3.4 ENCAPSULATION

A. All remaining exposed contaminated fill materials, including but not limited to contaminated fill materials at project removal limits, shall be adequately coated with an appropriate bridging encapsulant.

B. Encapsulants shall be field tested prior to use by applying each to a small area to determine suitability for the material to be encapsulated. Testing shall be conducted only after the isolation barriers are in place and negative air has been established.

C. Spraying of encapsulant shall be performed at the lowest pressure range possible to minimize contaminated materials release.

D. Each encapsulated surface will be inspected to assess for adequate contaminated materials encapsulation and re-applied as needed to the satisfaction of the Owner or Owner's representative.

3.5 HAZARDOUS WASTE GENERATION AND ON-SITE STORAGE

A. All waste shall be stored, handled, transported and disposed of in accordance with all federal, state, and local guidelines and regulations.

B. Section not used.

C. Section not used.

D. Section not used.

E. Section not used.

F. Section not used.

G. The Contractor is required to provide temporary protection of the building (i.e. roof, window openings, construction joints, etc.) as applicable for the work and to prevent unauthorized access at all times during the duration of the project. Any damage to the facility caused by inadequate Contractor protection shall be the responsibility of the contractor.

PART 4 - DISPOSAL OF WASTE

4.1 Part not used.

4.2 Part not used.

4.3 WASTE MANIFESTS & DISPOSAL DOCUMENTATION

A. The Contractor is responsible for securing appropriate treatment or disposal for the waste streams at a permitted landfill, in compliance with all requirements, and for obtaining a copy of the waste manifest (interim storage and final disposal) as executed by the landfill.

B. Copies of all waste disposal manifests, as well as originals of all manifests and disposal logs (copies are acceptable for electronic closeout submittal review) shall be submitted by the Contractor to the Owner with the final close-out documentation. A 10% payment retainage shall be withheld by the Owner until receipt of all waste manifests.

C. Section not used.

END OF SECTION 02 08 01

ROCKEFELLER HALL 4TH FLOOR SPRINKLER FLOOD REMEDIATION

231 FEENEY WAY
ITHACA, NY 14853

BID DOCUMENTS
ISSUED FOR: BID
JUNE 19, 2026

DRAWING INDEX:

1 H-001 OVERALL VIEW OF ROCKEFELLER HALL
SCALE: NTS

N

GENERAL ABATEMENT NOTES:

1. A REPORT TITLED, "LIMITED PRE-RENOVATION REGULATED BUILDING MATERIALS INSPECTION", PREPARED BY LABELLA ASSOCIATES, D.P.C. IS AVAILABLE FOR REFERENCE IN SPECIFICATION 013529 - EXISTING HAZARDOUS MATERIALS INFORMATION.
2. THE MATERIAL MEASUREMENTS, QUANTITIES, LOCATIONS, AND CONDITIONS IN THE REPORT AND ON PROJECT DRAWINGS ARE BASED ON FIELD OBSERVATIONS AND ARE NOT GUARANTEED TO BE COMPLETE AND ACCURATE. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID. CONSEQUENCES OF FAILURE TO FIELD VERIFY CONDITIONS SHALL BE BORNE BY THE CONTRACTOR.
3. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS AND GUIDELINES, VARIANCES, AND THE CONTRACT DOCUMENTS.
4. CONTRACTOR IS REQUIRED TO COORDINATE PHASING, ACCESS, AND ABATEMENT ACTIVITIES WITH THE OWNER, OWNER'S REPRESENTATIVES, AND OTHER CONTRACTORS.
5. CONTRACTOR IS RESPONSIBLE FOR ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER OR OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.
6. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACCESS AND ABATE MATERIALS SCHEDULED FOR REMOVAL.
7. PERFORM WORK WITHOUT DAMAGE TO OR CONTAMINATION OF ADJACENT OR NEARBY AREAS. WHERE SUCH AREAS ARE DAMAGED, RESTORATION MUST BE TO ORIGINAL CONDITION. WHERE SUCH AREAS ARE CONTAMINATED, PROVIDE FOR REQUISITE CONTAINMENT AND CLEANUP.
8. CONTRACTOR IS RESPONSIBLE FOR KEEPING THE WORK AREA IN A CLEAN AND SAFE CONDITION. CONTRACTOR SHALL ENSURE THAT UNCERTIFIED PERSONNEL OR UNAUTHORIZED VISITORS DO NOT ENTER ACTIVE WORK AREAS AT ANY TIME.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY PROTECTION AS REQUIRED TO COMPLETE THE WORK AND TO PREVENT UNAUTHORIZED ACCESS AT ALL TIMES DURING THE DURATION OF THE PROJECT. REPAIR OR DAMAGE CAUSED AS A RESULT OF IMPROPER TEMPORARY PROTECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. THE LOCATION OF ANY SITE STORAGE OF MATERIAL, EQUIPMENT, AND WASTE TRAILER/DUMPSTER SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
11. MARKED AREAS DEPICTING WORK AREAS ARE APPROXIMATE ONLY. EXACT CUTOFF POINTS SHALL BE COORDINATED BY THE CONTRACTOR WITH OWNER'S REPRESENTATIVE.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE CURRENT WASTE HANDLING, TRANSPORTATION AND DISPOSAL REGULATIONS FOR THE WORK. THE CONTRACTOR MUST DISPOSE OF ALL MATERIALS REMOVED, UNLESS DIRECTED OTHERWISE, AND COMPLY FULLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
13. CONTRACTOR SHOULD FIELD LOCATE WATER AND ELECTRICAL UTILITY CONNECTIONS REQUIRED OF ABATEMENT PROCEDURES. COORDINATE WITH BUILDING OWNER OR OWNER'S REPRESENTATIVE.
14. KEY NOTES CENTERED IN ROOMS APPLY TO ENTIRE ROOM.

GENERAL LEAD AWARENESS NOTES:

1. CONTRACTORS ARE HEREBY NOTIFIED THAT SOME LEAD-CONTAINING BUILDING MATERIALS ARE ASSUMED TO EXIST ON EXISTING STRUCTURAL MEMBERS AND MAY BE DISTURBED DURING COMPLETION OF THE WORK ON THIS PROJECT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH OSHA 29 CFR 1926.62: LEAD EXPOSURE IN CONSTRUCTION: INTERIM FINAL RULE FOR ALL ACTIVITIES DURING WHICH AN EMPLOYEE MAY BE OCCUPATIONALLY EXPOSED TO LEAD.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPER HANDLING AND DISPOSAL OF LEAD-CONTAINING WASTE.
4. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THEIR EMPLOYEES AND SUBCONTRACTORS OF THE PRESENCE AND LOCATIONS OF LEAD-CONTAINING MATERIALS, AND TO WARN THEIR EMPLOYEES AND SUBCONTRACTORS OF THE POTENTIAL DANGERS OF THE DISTURBANCE OF LEAD-CONTAINING MATERIALS.

GENERAL NOTES FOR UNIVERSAL WASTE AND OTHER MISCELLANEOUS HAZARDOUS MATERIALS-CONTAINING ITEMS:

1. REFERENCE THE "LIMITED REGULATED BUILDING MATERIALS INSPECTION" REPORT IN SECTION 013529 FOR A DESCRIPTION OF IDENTIFIED UNIVERSAL WASTE ITEMS OR OTHER HAZARDOUS MATERIALS-CONTAINING ITEMS.
2. CONTRACTORS SHALL REFER TO SECTION 020801 - CONTAMINATED WASTE MANAGEMENT FOR PROPER HAZARDOUS WASTE DETERMINATION/HANDLING PROCEDURES.
3. MATERIALS OR ITEMS THAT ARE KNOWN OR SUSPECTED TO CONTAIN HAZARDOUS MATERIALS MUST BE MANAGED AND/OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THEIR EMPLOYEES AND SUBCONTRACTORS OF THE PRESENCE AND LOCATION OF HAZARDOUS MATERIALS, AND TO WARN THEIR EMPLOYEES AND SUBCONTRACTORS OF THE POTENTIAL DANGERS ASSOCIATED WITH THE DISTURBANCE OF HAZARDOUS MATERIALS.
5. CONTRACTORS ARE HEREBY NOTIFIED THAT MERCURY-CONTAINING FLY ASH HAS BEEN IDENTIFIED WITHIN SUBFLOOR SYSTEMS AND WILL BE DISTURBED AS PART OF THIS PROJECT.
6. THE ABATEMENT PLAN DRAWINGS PROVIDE ADDITIONAL DESCRIPTION OF AREAS WHERE REMOVAL OF THESE MATERIALS IS REQUIRED. SEE SECTION 020801 - CONTAMINATED WASTE MANAGEMENT FOR PROPER WORK PROCEDURES.
7. FLY ASH/FILL MATERIAL HAS BEEN PROVEN TO BE NON-HAZARDOUS WASTE BY RCRA 8 METALS TCLP SAMPLING AND MAY BE DISPOSED OF AS DEMOLITION DEBRIS.

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NO:	DATE:	DESCRIPTION:
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Revisions		

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DATE: 07/21/2026
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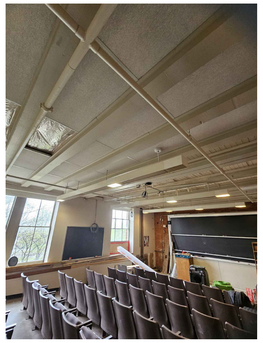
COVER SHEET & GENERAL NOTES

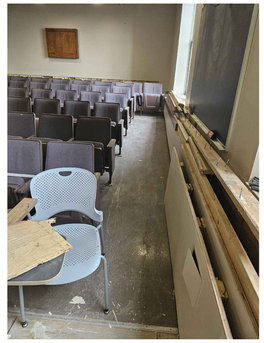
DRAWING NUMBER:

H-100

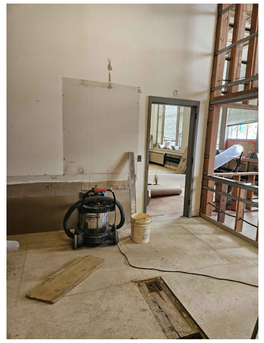
17667450



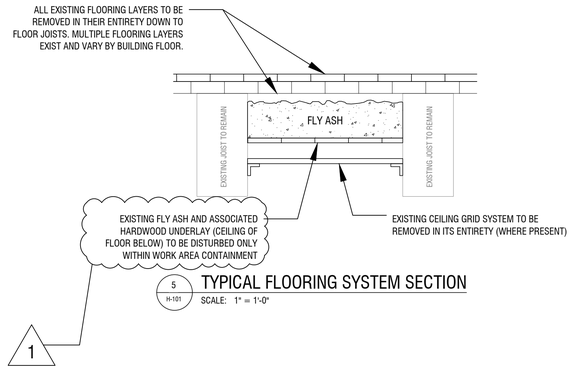
A H-101 CEILING GRID SYSTEM BETWEEN FLOOR JOISTS



B H-101 RAMP WITH PLATFORM & FIXED SEATS IN ROOM 132



C H-101 GYPSUM BOARD WALL SYSTEM/WALL FRAMING



5 H-101 TYPICAL FLOORING SYSTEM SECTION
SCALE: 1" = 1'-0"

LEGEND:

APPROXIMATE REMOVAL LIMITS

DEMOLITION GENERAL NOTE:

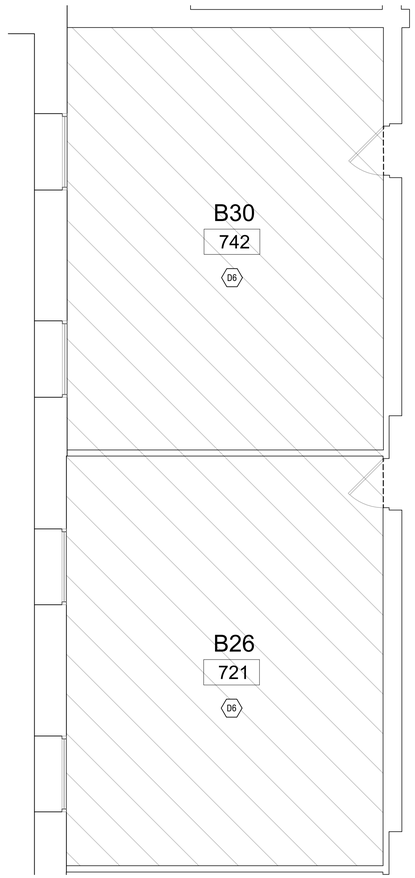
ALL MATERIALS LISTED FOR REMOVAL ON THIS SHEET MAY BE DISPOSED OF AS NON-HAZARDOUS DEMOLITION DEBRIS. FLY ASH AND ASSOCIATED TONGUE AND GROOVE WOOD CEILING SHALL ONLY BE DISTURBED BY A HAZMAT-CERTIFIED CONTRACTOR UNDER PROPER WORK AREA CONTAINMENT.

DEMOLITION KEY NOTES:

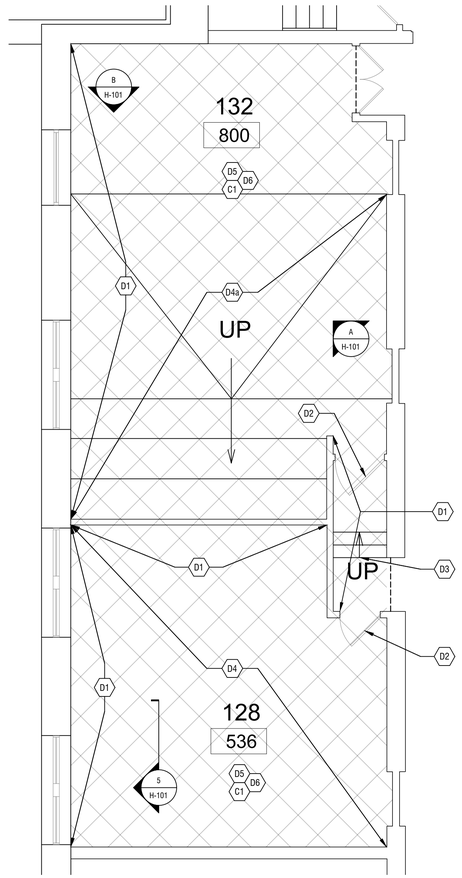
- D1 IN AREAS INDICATED, REMOVE AND DISPOSE OF GYPSUM BOARD WALL SYSTEM, ASSOCIATED BATT INSULATION, AND ASSOCIATED WALL STUDS AND FRAMING SYSTEM IN ITS ENTIRETY.
- D1a REMOVE AND DISPOSE OF WALL STUDS AND FRAMING SYSTEM IN ITS ENTIRETY.
- D2 REMOVE AND DISPOSE OF DOOR AND ASSOCIATED DOOR FRAME IN ITS ENTIRETY.
- D3 REMOVE AND DISPOSE OF STAIR COMPONENTS IN THEIR ENTIRETY.
- D4 REMOVE AND DISPOSE OF FIXED SEATING IN ITS ENTIRETY.
- D4a REMOVE AND DISPOSE OF FIXED SEATING, RAMPED FLOOR SYSTEM AND ASSOCIATED FRAMING, AND ELEVATED PLATFORM AND ASSOCIATED FRAMING IN ITS ENTIRETY.
- D5 REMOVE AND DISPOSE OF FLOORING SYSTEM IN ITS ENTIRETY DOWN TO JOISTS. ALL FLOORING LAYERS SHALL BE REMOVED IN THEIR ENTIRETY, FULL DEPTH. SUBFLOOR FLY ASH AND ASSOCIATED UNDERLAYMENT SHALL ONLY BE DISTURBED BY CERTIFIED CONTRACTOR WITHIN PROPER WORK AREA CONTAINMENT CONDITIONS.
- D6 WHERE PRESENT, REMOVE AND DISPOSE OF CEILING GRID SYSTEM BETWEEN EXISTING FLOOR JOISTS IN ITS ENTIRETY. EXISTING FLOOR JOISTS AND ANY ASSOCIATED METAL BRACES TO REMAIN.

CONSTRUCTION KEY NOTES:

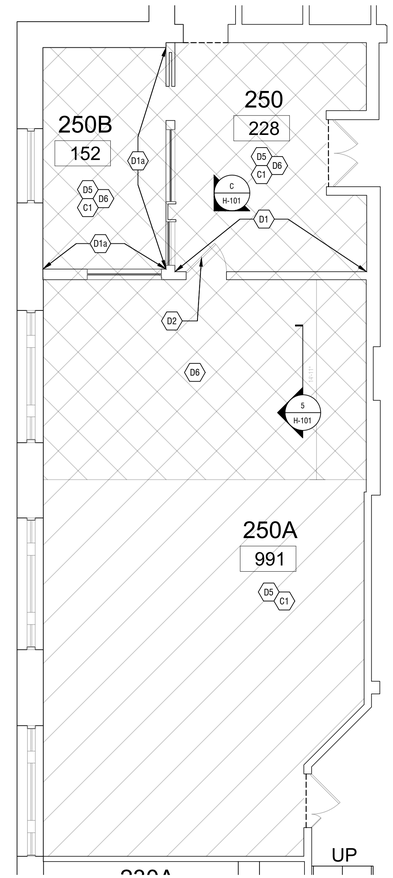
- C1 ONCE FLY ASH MATERIAL HAS BEEN REMOVED, PROVIDE NEW PLYWOOD SUBFLOORING: DOC PS 1, EXPOSURE 1, STRUCTURAL I SINGLE-FLOOR PANELS OR SHEATHING. SPAN RATING: NOT LESS THAN 32. NOMINAL THICKNESS NOT LESS THAN 23/32 INCH. PROJECT STRUCTURAL ENGINEER TO INSPECT ALL EXISTING FLOOR JOISTS PRIOR TO SUBFLOORING INSTALLATION. INSTALL SUBFLOORING AS FOLLOWS: COMPLY WITH APPLICABLE RECOMMENDATIONS IN APA FORM NO. E30, "ENGINEERED WOOD CONSTRUCTION GUIDE," FOR TYPES OF STRUCTURAL-USE PANELS AND APPLICATIONS INDICATED. FASTEN PANELS BY GLUING AND NAILING TO EXISTING WOOD FLOOR JOISTS. SPACE PANELS 1/8 INCH APART AT EDGES AND ENDS.



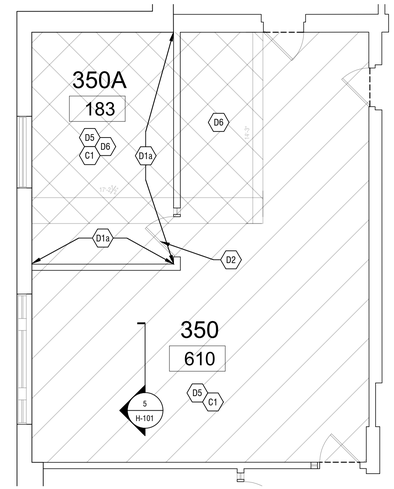
1 H-101 BASEMENT DEMO PLAN
SCALE: 3/16" = 1'-0"



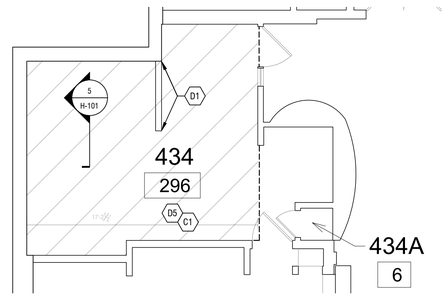
2 H-101 FIRST FLOOR DEMO PLAN
SCALE: 3/16" = 1'-0"



3 H-101 SECOND FLOOR DEMO PLAN
SCALE: 3/16" = 1'-0"



4 H-101 THIRD FLOOR DEMO PLAN
SCALE: 3/16" = 1'-0"



5 H-101 FOURTH FLOOR DEMO PLAN
SCALE: 3/16" = 1'-0"

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GENERAL DEMOLITION & CONSTRUCTION FLOOR PLANS

DRAWING NUMBER:

H-101

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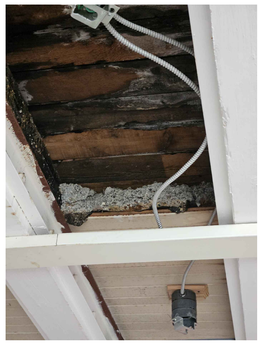
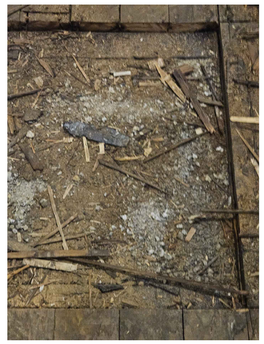
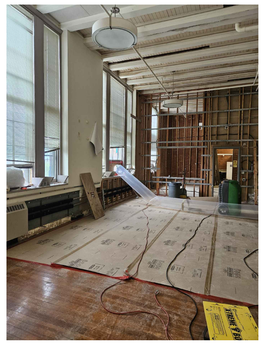


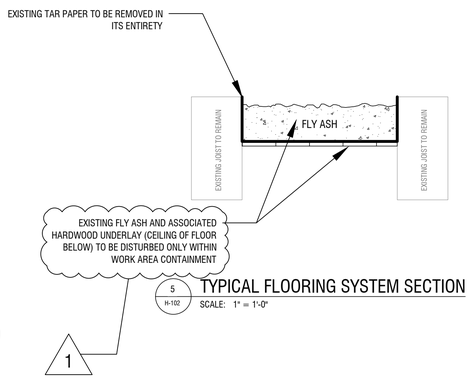
A H-102 FLY ASH WITHIN FLOORING AS VIEWED FROM BELOW



B H-102 FLY ASH WITHIN FLOORING AS VIEWED FROM ABOVE



C H-102 VIEW OF ELECTRICAL/ MECHANICAL FIXTURES TO REMAIN, WALL & ELECTRICAL



5 H-102 TYPICAL FLOORING SYSTEM SECTION
SCALE: 1" = 1'-0"

HAZARDOUS MATERIAL REMOVAL GENERAL NOTE:

ALL MATERIALS LISTED FOR REMOVAL ON THIS SHEET SHALL BE DISPOSED OF AS HAZARDOUS MATERIAL, UNLESS PROVEN OTHERWISE BY TCLP SAMPLING.

HAZARDOUS MATERIAL REMOVAL KEY NOTES:

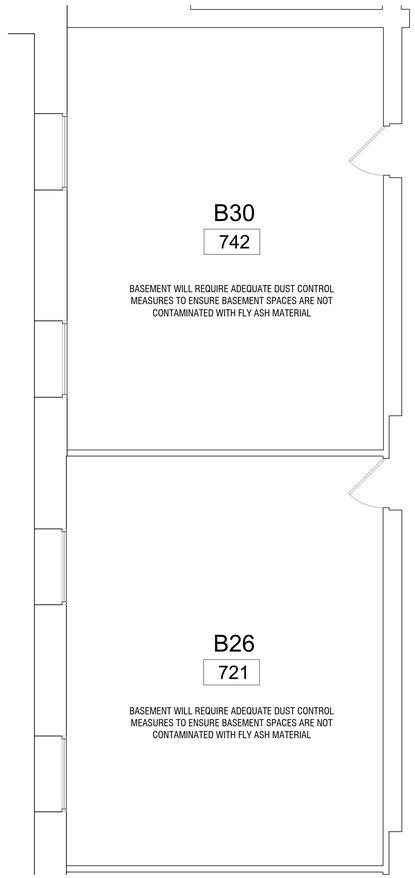
1

A1a CERTIFIED CONTRACTOR SHALL REMOVE TONGUE AND GROOVE CEILING AND ASSOCIATED MERCURY-CONTAINING FLY ASH IN ITS ENTIRETY WITHIN PROPER WORK AREA CONTAINMENT. EXISTING FLOOR JOISTS ARE TO REMAIN IN PLACE. ANY EXPOSED FLY ASH MATERIAL NOT REMOVED SHALL BE ENCAPSULATED. WORK AREA SHALL BE PROPERLY CLEANED OF DUST AND DEBRIS. TCLP SAMPLING HAS PROVEN EXISTING HEAVY METAL LEVELS ARE BELOW APPLICABLE TCLP STANDARDS, FLY ASH AND ASSOCIATED MATERIALS MAY BE DISPOSED OF AS NON-HAZARDOUS WASTE.

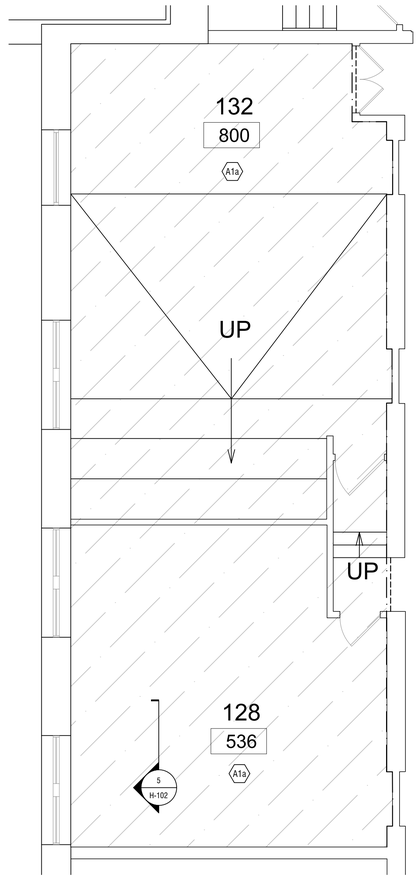
LEGEND:

APPROXIMATE REMOVAL LIMITS

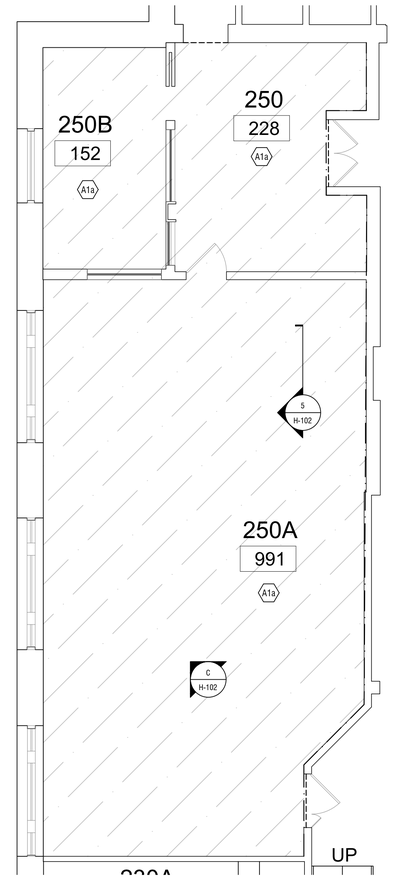
APPROXIMATE AREAS OF ENCAPSULATION



1 H-102 BASEMENT HAZARDOUS MATERIAL REMOVAL PLAN
SCALE: 3/16" = 1'-0"



2 H-102 FIRST FLOOR HAZARDOUS MATERIAL REMOVAL PLAN
SCALE: 3/16" = 1'-0"



3 H-102 SECOND FLOOR HAZARDOUS MATERIAL REMOVAL PLAN
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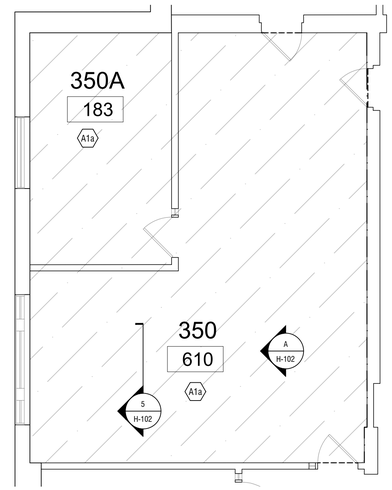
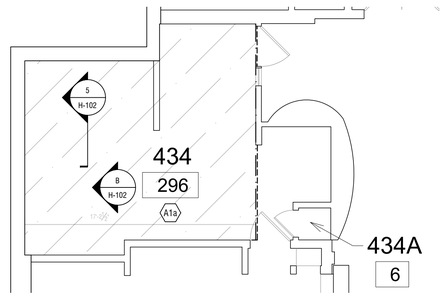


4 H-102 THIRD FLOOR HAZARDOUS MATERIAL REMOVAL PLAN
SCALE: 3/16" = 1'-0"



5 H-102 FOURTH FLOOR HAZARDOUS MATERIAL REMOVAL PLAN
SCALE: 3/16" = 1'-0"

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NO:	DATE:	DESCRIPTION:
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REVIEWED BY: DN
ISSUED FOR: BID
DATE: 07/21/2026
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HAZARDOUS MATERIAL REMOVAL FLOOR PLANS

DRAWING NUMBER:

H-102

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