



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

429 Franklin St. · Suite 102 · Buffalo, NY 14202 · Ph: 716-332-3134 · Fax: 716-332-3136

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DLW 012609 SIE.PDF
MER 012609 SIE.PDF

SIS 012609 SIE.PDF
VAN 012609 SIE.PDF
THA 012609 SIE
KEL 012609 SIE
BRA 012609 SIE
TIM 012609 SIE
BAR 012609 SIE

February 11, 2009

Mr. Jeffrey Robbins
C & S Engineers
499 Colonel Eileen Collins Boulevard
Syracuse, New York 13212

**Re: Limited Additional Asbestos Sampling and Testing
Upgrade Electrical Distribution System – Various Buildings
SUCF Project No. 12290
SUNY Potsdam
Potsdam, New York**

Dear Mr. Robbins:

Enclosed please find a copy of the Limited Additional Asbestos Sampling and Testing report for client-defined areas at various buildings on the SUNY Potsdam campus located at 44 Pierrepont Avenue, Potsdam, New York.

A Limited Sampling and Testing for Asbestos-Containing Materials and Lead-based Paint report dated January 20, 2009 was previously completed for client-specified sample locations delineated on drawings of the SUNY Potsdam campus by the client and distributed to Sienna on December 8, 2008. Additional drawings were received by Sienna on January 22, 2009 delineating additional client-specified areas requested for further investigation. Materials previously sampled, analyzed and reported in the report dated January 20, 2009 were not resampled during this investigation.

If after reviewing this report you have any questions, or if we can be of assistance in any other way, please do not hesitate to call. Thank you for the opportunity to be of service to C & S Engineers.

Sincerely,
Sienna Environmental Technologies LLC


Susanne Kelley
President

Limited Additional Asbestos Sampling and Testing

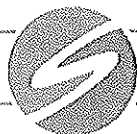
of

**SUNY Potsdam
Upgrade Electrical Distribution System – Various Buildings
SUCF Project No. 12290
Potsdam, New York**

Prepared for:

**C & S Engineers
499 Colonel Eileen Collins Boulevard
Syracuse, New York 13212**

Prepared by:



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

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**Conditions as of:
January 27, 2009**



Summary Tabulation

Asbestos Survey

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- 2. Methodology
- 3. Executive summary
- 3A. Suspect asbestos-containing materials
- 3B. Confirmed asbestos-containing materials

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- B Certifications and licenses
- C Laboratory reports and chains of custody
- D Asbestos sample plans



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Limited Asbestos Inspection

1. Introduction

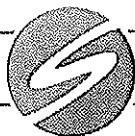
Sienna Environmental Technologies was retained by C & S Engineers to perform supplementary inspection and testing within various buildings on the SUNY Potsdam Campus in Potsdam, New York for the presence of suspect materials that are likely to be disturbed during planned renovations. These suspect materials were not previously tested as part of Sienna Environmental Technologies' Limited Asbestos and Lead-based Paint Inspection dated January 20, 2009.

Sienna was charged with:

- * Locating suspect asbestos containing materials throughout client defined areas
- * Sampling of these materials to ascertain asbestos content
- * Identifying the locations and conditions of confirmed asbestos containing materials

Although the report is a comprehensive analysis of the asbestos inspection work performed, it would be helpful to review all applicable federal, state and local rules, laws and regulations regarding the handling and treatment of asbestos containing building materials (ACBM). The following is a list of suggested reading and information sources relating to asbestos:

- * New York State Department of Labor Industrial Code Rule 56
- * National Emission Standard for Hazardous Air Pollutants (NESHAPS)
- * Occupational Safety and Health Administration
- * Environmental Protection Agency rule CFR 763.46 Asbestos Hazard Emergency Response Act



2. Methodology

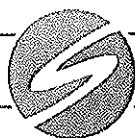
All work performed by Sienna Environmental Technologies was conducted in accordance with applicable regulations including New York State Department of Labor standards 12 NYCRR Part 56, National Emission Standards for Hazardous Air Pollutants (NESHAPS), and Occupational Safety and Health Administration regulations. All Sienna Environmental Technologies personnel assigned to conduct inspections have completed the Environmental Protection Agency (EPA) required training and New York State Department of Labor Division of Safety and Health certification program.

The floor plan drawings that accompany this report were submitted to Sienna by the client on January 22, 2009. Floor plans were submitted to Sienna with client-specified areas delineated for further investigation.

Based on the homogeneous areas, samples of suspect materials were collected. Techniques used for sample collection were designed to minimize damage to suspected areas, reduce any potential for fiber release, and ensure the safety of the inspector and building occupants. Samples were collected by Sienna's personnel using the following procedures:

1. The surface to be sampled was sprayed with amended water (detergent and water) as necessary
2. A plastic sample bag was held to the surface sampled
3. The sample was collected using tools appropriate to the friability of the material sampled
4. Sample bags were labeled with a unique sample identification number
5. Samples were recorded on a Chain of Custody form, and submitted under strict chain-of-custody procedures to an ELAP and NYSDOH approved and certified laboratory for analysis

Samples were analyzed using PLM, Polarized Light Microscopy in accordance with NYS DOH ELAP Item #198.1 and/or #198.6. For materials classified as non-friable organically bound materials (NOBs), additional analysis was performed under Transmission Electron Microscopy (TEM) in accordance with NYS DOH ELAP Item #198.4. The results of this analysis confirmed whether or not a suspect material actually contained asbestos. The confirmed materials are listed in **SECTION 3 Executive Summary**.



3. Executive summary

The asbestos survey included identification, sampling and analysis of suspect materials within the client specified areas delineated on drawings received by Sienna Environmental Technologies on January 22, 2009. Copies of all laboratory analysis reports and chains of custody listing locations of sample collection are located in Appendix C.

3A. Suspect asbestos-containing materials

Sampling of the following components was conducted on January 26, 2009 and January 27, 2009. The following materials were identified as requiring sampling and analysis:

Crane Music Complex

HAN Number	Description
CRN-400	Mud fitting on fiberglass

Dunn Hall

HAN Number	Description
DUN-400A	Pipe insulation
DUN-400B	Mud fitting on 400A
DUN-500	Duct insulation stick pin mastic

Merritt Hall

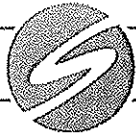
HAN Number	Description
MER-400A	Mud fitting on fiberglass
MER-400B	Tar on mud fitting
MER-401	Tarpaper over fiberglass
MER-500	Insulation on air intake duct

Sisson Hall

HAN Number	Description
SIS-100	Cinder block mortar
SIS-400	Mud fitting on fiberglass
SIS-500	Tank insulation

Van Housen Hall

HAN Number	Description
VAN-100	Cinder block mortar
VAN-400	Mud fitting on fiberglass
VAN-500	Tank insulation
VAN-501	Duct insulation stick pin mastic



3A. Suspect asbestos-containing materials (continued)

Thatcher Hall

HAN Number	Description
THA-400	Mud fitting on fiberglass
THA-500	Tank insulation

Kellas Hall

HAN Number	Description
KEL-100	Cinder block mortar
KEL-400	Mud fitting on fiberglass

Brainerd Hall

HAN Number	Description
100	Cinder block mortar

Timmerman Hall

HAN Number	Description
TIM-400	Mud fitting on fiberglass

Barrington Student Union

HAN Number	Description
400	Mud fitting on fiberglass
500	Air duct insulation

3B. Confirmed asbestos-containing materials

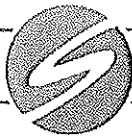
Sampling and analysis of the suspect materials under Polarized Light Microscopy, and where necessary under Transmission Electron Microscopy, confirmed that the following building materials sampled as part of this survey are asbestos containing: (See Appendix C for laboratory reports and chains of custody)

Crane Music Complex

- All samples from Crane Music Complex were analyzed as less than 1% asbestos. Materials are considered asbestos-containing when they are analyzed as greater than 1% asbestos.

Dunn Hall

Material #	Description - Location	Condition
DUN-400A	Pipe insulation – Basement mechanical room, 2 nd floor mechanical room, 2 nd floor fan room, 3 rd floor fan room	I
DUN-400B	Mud fitting on 400A – Basement mechanical room, 2 nd floor mechanical room, 2 nd floor fan room, 3 rd floor fan room	I
DUN-500	Duct insulation stick pin mastic – 2 nd floor fan room	I

**3B. Confirmed asbestos-containing materials (continued)****Merritt Hall**

Material #	Description - Location	Condition
MER-400B	Tar on mud fitting – Basement	I
MER-401	Tarpaper over fiberglass – Basement	I
MER-500	Insulation on air intake duct – Attic	I

Sisson Hall

Material #	Description - Location	Condition
SIS-400	Mud fitting on fiberglass – Steam room, Mechanical room	I
SIS-500	Tank insulation – Steam room	SD

Van Housen Hall

Material #	Description - Location	Condition
VAN-400	Mud fitting on fiberglass – Mechanical room E02, Main steam room	I
VAN-501	Duct insulation stick pin mastic – Mechanical room E02	I

Thatcher Hall

Material #	Description - Location	Condition
THA-400	Mud fitting on fiberglass – 1 st floor mechanical room	I

Kellas Hall

- All samples from Kellas Hall were analyzed as less than 1% asbestos. Materials are considered asbestos-containing when they are analyzed as greater than 1% asbestos.

Brainerd Hall

- All samples from Brainerd Hall were analyzed as less than 1% asbestos. Materials are considered asbestos-containing when they are analyzed as greater than 1% asbestos.

Timmerman Hall

- All samples from Timmerman Hall were analyzed as less than 1% asbestos. Materials are considered asbestos-containing when they are analyzed as greater than 1% asbestos.

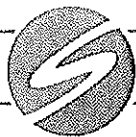
Barrington Student Union

Material #	Description - Location	Condition
BAR-500	Air duct insulation – Attic	I



Appendix A General conditions of inspection

1. Sienna Environmental Technologies neither accepts nor implies any liability for the implementation of the recommendations found within this report.
2. This inspection was limited to areas accessible to the inspector. Sienna Environmental Technologies neither accepts nor implies any liability for ACBM that may be present in other areas of the building.
3. The results of the laboratory analytical reports that may be contained herein are the product of the knowledge, experience and expertise of the laboratory retained to perform such services. Sienna Environmental Technologies neither accepts nor implies any liability for the sample analysis reports.
4. This report is based on the condition and contents present at the site on the day of the inspection. Sienna Environmental Technologies is not liable for materials, chemicals or other substances of concern that may have been removed from the site, cleaned or disposed of prior to the inspection date or subsequent to that date.
5. An inspection for asbestos relies heavily upon identification of homogeneous areas, with sampling and laboratory analysis then determined by the quantity of surfaces identified, generally accepted inspection protocols, regulatory requirements, and the inspector's judgment. Specific sample locations are determined with the objective of selecting representative samples. As with any type of sampling, the possibility of obtaining a false positive or false negative does exist, is inherent in the sampling process, and can at times result from the fact that both lead and asbestos fibers are not always uniformly distributed throughout suspect surfaces or materials. Although Sienna Environmental Technologies attempts to minimize the risk of a false positive or false negative result through a comprehensive inspection protocol, the possibility does exist, and could only be completely eliminated through testing and analysis of 100% of each suspect surface, which of course is not practical.



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Appendix B Certifications and licenses

NEW YORK STATE DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Slenna Environmental Technologies LLC
Suite 102
429 Franklin Street
Buffalo, NY 14202

FILE NUMBER: 00-1037
LICENSE NUMBER: 29432
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 01/30/2008
EXPIRATION DATE: 02/28/2009

Duly Authorized Representative: Susahne Kelley

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

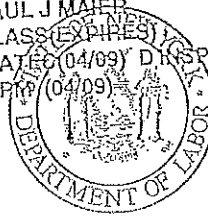
This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox
Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



PAUL J. MAHER
CLASS (EXPIRES)
C A L E C (04/09) D R I S P (04/09)
H P R (04/09)



CERT# 08-03596
DMV# 356084718

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO
HAIR BLK
HGT 5' 06"

IF FOUND RETURN TO:
NYS DOL - L&C UNIT
ROOM 290A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2009
Issued April 01, 2008

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. SUSANNE KELLEY
SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC
429 FRANKLIN STREET SUITE 102
BUFFALO, NY 14202

NY Lab Id No: 11727
EPA Lab Code:

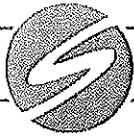
*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:*

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)

Serial No.: 36432

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (516) 465-5570 to verify laboratory's accreditation status.



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Appendix C Laboratory reports



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

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LABORATORY REPORT

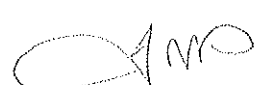
Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000 Fax: 315-455-9667
Project: SET954 SUNY Potsdam - Crane Music Center

Date Received: 1/28/2009
Date Analyzed: 1/30/2009
Sienna ID: P180

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0127-CRN-400-1 P180-1	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	20%	80%	NAD
0127-CRN-400-2 P180-2	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	30%	70%	NAD
0127-CRN-400-3 P180-3	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	20%	80%	NAD

Julia McKenzie, Tracy Skalski
Analyst(s)


Approved Signatory

Disclaimers: NAD = No asbestos detected. Results relate only to samples provided by client. This report shall not be reproduced, except in full, without written approval by Sienna. Samples analyzed as NAD or Trace (<1%) cannot be guaranteed. Quantitative transmission electron microscopy is currently the only reliable method that can be used to determine if this material can be considered or treated as non-asbestos containing. Analysis performed by Sienna Environmental Technologies, NY ELAP #11727.

429 Franklin Street, Suite 102
Buffalo, NY 14202

Fax 716-332-3136

Fax Report to: _____

☐ PLM	☐ TEM	☐ AAS	☐ OTHER
------------------------------	------------------------------	------------------------------	--------------------------------

Notes:

**Sienna Environmental
Technologies**

~~Accepted~~

☐ Reject

Sampled By:

Date: 1/27/09

Relinquished By:

Date: 1/23/07

Received By:

Date: 1/28/09 HGD

10/5/



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Phone: 315-455-2000 Fax: 315-455-9667

Project: SET954 SUNY Potsdam Dunn Hall

Date Received: 1/28/2009

Date Analyzed: 1/28/2009

Sienna ID: P174

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-DUN-400A-1 P174-1	Gray, Fibrous, Homogenous	Pipe Insulation - Basement Mechanical Room	15%	85%	8.7% Chrysotile
0126-DUN-400A-2 P174-2	Gray, Fibrous, Homogenous	Pipe Insulation - Basement Mechanical Room	20%	80%	7.5% Amosite 3.4% Chrysotile
0126-DUN-400A-3 P174-3	Gray, Fibrous, Homogenous	Pipe Insulation - 2nd Floor Mechanical Room	20%	80%	4.0% Amosite 10.3% Chrysotile
0126-DUN-400B-1 P174-4	Gray, Fibrous, Homogenous	Mud Fittings on 400A - Basement Mechanical Room	20%	80%	16.0% Chrysotile
0126-DUN-400B-2 P174-5	Gray, Fibrous, Homogenous	Mud Fittings on 400A - Basement Mechanical Room	15%	85%	9.1% Chrysotile
0126-DUN-400B-3 P174-6	Gray, Fibrous, Homogenous	Mud Fittings on 400A - 2nd Floor Mechanical Room	30%	70%	23.5% Chrysotile

Tracy Skalski
Analyst(s)

Approved Signatory

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LABORATORY REPORT

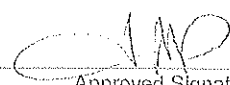
Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000 Fax: 315-455-9667
Project: SET954 SUNY Potsdam Dunn Hall

Date Received: 1/28/2009
Date Analyzed: 1/28/2009
Sienna ID: P174

Polarized Light Microscopy (PLM) of Non-Friable, Organically Bound Materials by NY State ELAP Method 198.6

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-DUN-500-1 P174-7	Black, Fibrous, Homogenous	Duct Insulation Stick Pin Mastic - 2nd Floor Fan Room	30%	70%	5.2% Chrysotile
0126-DUN-500-2 P174-8	Black, Fibrous, Homogenous	Duct Insulation Stick Pin Mastic - 2nd Floor Fan Room	20%	80%	3.7% Chrysotile

Tracy Skalski
Analyst(s)


Approved Signatory

Disclaimers: Polarized Light Microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable, organically-bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Results relate only to samples provided by client. This report shall not be reproduced, except in full, without written approval by Sienna. Analysis performed by Sienna Environmental Technologies, NY ELAP #11727.

Chain of Custody Document

Phone 716-332-3134
Fax 716-332-3136

Client/Contact: <u>C&S Engineers / Jeffrey Robbins</u>	Turn around (circle)
Building/Location: <u>Dunn Hall / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>8</u>	☐ RUSH 48 Hour ☐ 24 Hour 72 Hour

X PLM X TEM _____ AAS OTHER: Neg NUBs to TEM

[illegible]Siema Environment
Technology

☒ Accept
☐ Reject

Sampled By: Paul / Mary Date: 1/26/09
Relinquished By: Paul / Mary Date: 1/28/09
Received By: A. Stalder P174 0920 Date: 1/28/09



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Phone: 315-455-2000 Fax: 315-455-9667

Project: SET954 SUNY Potsdam Merritt Hall

Date Received: 1/28/2009

Date Analyzed: 1/29/2009

Sienna ID: P175

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-MER-400A-1 P175-1	Brown, Fibrous, Homogenous	Mud Fitting on Fiberglass - Merritt Basement	15%	85%	0.26% Chrysotile
0126-MER-400A-2 P175-2	Brown, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	30%	70%	NAD
0126-MER-400A-3 P175-3	Brown, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	25%	75%	NAD
0126-MER-500-1 P175-10	Brown, Fibrous, Homogenous	Insulation on Air Intake Duct - Attic	20%	80%	2.3% Chrysotile
0126-MER-500-2 P175-11	Brown, Fibrous, Homogenous	Insulation on Air Intake Duct - Attic	25%	75%	NAD
0126-MER-500-3 P175-12	Brown, Fibrous, Homogenous	Insulation on Air Intake Duct - Attic	20%	80%	NAD

Julia McKenzie, Tracy Skalski
Analyst(s)


Approved Signatory

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Phone: 315-455-2000 Fax: 315-455-9667
Project: SET954 SUNY Potsdam Merritt Hall

Date Received: 1/28/2009
Date Analyzed: 1/29/2009
Sienna ID: P175

Polarized Light Microscopy (PLM) of Non-Friable, Organically Bound Materials by NY State ELAP Method 198.6

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-MER-400B-1 P175-4	Black, Fibrous, Homogenous	Tar on Mud Fitting - Basement	20%	80%	3.9% Chrysotile
0126-MER-400B-2 P175-5	Black, Fibrous, Homogenous	Tar on Mud Fitting - Basement	25%	75%	5.4% Chrysotile
0126-MER-400B-3 P175-6	Black, Fibrous, Homogenous	Tar on Mud Fitting - Basement	20%	80%	5.0% Chrysotile
0126-MER-401-1 P175-7	Black, Fibrous, Homogenous	Tarpaper over Fiberglass - Basement	10%	90%	0.59% Chrysotile
0126-MER-401-2 P175-8	Black, Fibrous, Homogenous	Tarpaper over Fiberglass - Basement	20%	80%	0.85% Chrysotile
0126-MER-401-3 P175-9	Black, Fibrous, Homogenous	Tarpaper over Fiberglass - Basement	10%	90%	1.2% Chrysotile

Julia McKenzie, Tracy Skalski
Analyst(s)


Approved Signatory

Disclaimers: Polarized Light Microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable, organically-bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Results relate only to samples provided by client. This report shall not be reproduced, except in full, without written approval by Sienna. Analysis performed by Sienna Environmental Technologies, NY ELAP #11727.

Client Name: Sienna Environmental Technologies, LLC

Table I

Summary of Bulk Asbestos Analysis Results

SET 954; C&S Engineers; Merritt Hall / Suny Potsdam

AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	0126-MER-401-1 Basement		0.237	92.5	6.1	1.4	NA	NAD
02	0126-MER-401-2 Basement		0.231	91.0	8.7	0.3	NA	NAD

Reviewed by: _____ Date Reviewed: _____ Analyzed By: Sandhya Gunasekara *Sdg* Date Analyzed: 2/2/2009

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%;
 PLM analysis by EPA 800/M4-82-020 per 40 CFR 763 (NVLAP Lab #102079-0) or NY ELAP 198.6 for New York NOB samples (NY ELAP Lab # 10982);
 TEM analysis by EPA 800/R-93/116 (not covered by NVLAP Bulk accreditation) or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10982);

** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

429 Franklin Street, Suite 102
Buffalo, NY 14202

Phone 716-332-3134
Fax 716-332-3136

Chain of Custody Document

x Report to: _____

Client/Contact: <u>C&S Engineers / Jeffrey Robbins</u>	Turn around (circle) RUSH 48 Hour 24 Hour 72 Hour
Building/Location: <u>Merritt Hall / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>12</u>	

☒ PLM ☒ TEM ☐ AAS OTHER Neg NOBs to TEM

Sample #	Description of Sample	Location of Sample	Notes
0126-MER-400A-1	Mud fitting on fiberglass	Merritt Basement	P175-1
0126-MER-400A-2	Mud fitting on fiberglass	Basement	-2
0126-MER-400A-3	Mud fitting on fiberglass	Basement	-3
0126-MER-400B-1	Tar on mud fitting	Basement	-4
0126-MER-400B-2	Tar on mud fitting	Basement	-5
0126-MER-400B-3	Tar on mud fitting	Basement	-6
0126-MER-401-1	Tarpaper over fiberglass	Basement	-7
0126-MER-401-2	Tarpaper over fiberglass	Basement	-8
0126-MER-401-3	Tarpaper over fiberglass	Basement	-9
0126-MER-500-1	Insulation on air intake duct	Attic	-10
0126-MER-500-2	Insulation on air intake duct	Attic	-11
0126-MER-500-3	Insulation on air intake duct	Attic	P175-12

Sienna Environmental
Technologies

☒ Accept

☐ Reject

Notes:

Sampled By: Paul J. Maw

Date: 1/26/09

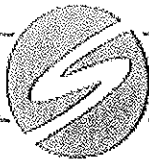
Relinquished By: Paul J. Maw

Date: 1/28/09

Received By: A. Seabrook

Date: 1/28/09

P175



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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Phone: 315-455-2000 Fax: 315-455-9667

Project: SET954 SUNY Potsdam - Sisson Hall

Date Received: 1/28/2009

Date Analyzed: 1/30/2009

Sienna ID: P181

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0127-SIS-100-1 P181-1	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Basement	0%	100%	NAD
0127-SIS-100-2 P181-2	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Basement	0%	100%	NAD
0127-SIS-400-1 P181-3	Gray, Fibrous, Homogenous	Mud Fitting On Fiberglass - Steam Room	30%	70%	23.5% Chrysotile
0127-SIS-400-2 P181-4	Gray, Fibrous, Homogenous	Mud Fitting On Fiberglass - Steam Room	20%	80%	12.9% Chrysotile
0127-SIS-400-3 P181-5	Gray, Fibrous, Homogenous	Mud Fitting On Fiberglass - Mechanical Room	30%	70%	23.5% Chrysotile
0127-SIS-500-1 P181-6	Brown, Fibrous, Homogenous	Tank Insulation - Steam Room	20%	80%	6.7% Chrysotile 3.8% Amosite
0127-SIS-500-2 P181-7	Brown, Fibrous, Homogenous	Tank Insulation - Steam Room	20%	80%	6.5% Chrysotile 4.6% Amosite
0127-SIS-500-3 P181-8	Brown, Fibrous, Homogenous	Tank Insulation - Steam Room	20%	80%	6.2% Chrysotile 3.6% Amosite

Julia McKenzie, Tracy Skalski
Analyst(s)

Approved Signatory

Disclaimers: NAD = No asbestos detected. Results relate only to samples provided by client. This report shall not be reproduced, except in full, without written approval by Sienna. Samples analyzed as NAD or Trace (<1%) cannot be guaranteed. Quantitative transmission electron microscopy is currently the only reliable method that can be used to determine if this material can be considered or treated as non-asbestos containing. Analysis performed by Sienna Environmental Technologies, NY ELAP #11727.

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Fax 716-332-3136

Chain of Custody Document

Fax Report to: _____

Client/Contact: <u>C & S Engineers / Jeffrey Robbins</u>	Turn around (circle) RUSH 48 Hour 24 Hour 72 Hour
Building/Location: <u>Sisson Hall / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>8</u>	

☒ PLM ☐ TEM ☐ AAS ☐ OTHER _____

Sample #	Description of Sample	Location of Sample	Notes
0127-SIS-100-1	Cinder block mortar	Basement	P181-1
0127-SIS-100-2	Cinder block mortar	Basement	-2
0127-SIS-400-1	Mud fitting on fiberglass	Steam room	-3
0127-SIS-400-2	Mud fitting on fiberglass	Steam room	-4
0127-SIS-400-3	Mud fitting on fiberglass	Mechanical room	-5
0127-SIS-500-1	Tank insulation	Steam room	-6
0127-SIS-500-2	Tank insulation	Steam room	-7
0127-SIS-500-3	Tank insulation	Steam room	P181-8

Notes: _____

Sienna Environmental Technologies
☒ Accept
☐ Reject

Sampled By: Paul J. Marini Date: 1/27/09

Relinquished By: Paul J. Marini Date: 1/28/09

Received By: [Signature] Date: 1/28/09 Dick



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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Phone: 315-455-2000 Fax: 315-455-9667

Project: SET954 SUNY Potsdam Van Hansen Hall

Date Received: 1/28/2009

Date Analyzed: 1/29/2009

Sienna ID: P176

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-VAN-100-1 P176-1	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Mechanical Room E02	0%	100%	NAD
0126-VAN-100-2 P176-2	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Main Steam Room	0%	100%	NAD
0126-VAN-400-1 P176-3	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Mechanical Room E02	10%	90%	5.5% Chrysotile
0126-VAN-400-2 P176-4	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Mechanical Room E02	10%	90%	NAD
0126-VAN-400-3 P176-5	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Main Steam Room	10%	90%	8.5% Chrysotile
0126-VAN-500-1 P176-6	Brown, Fibrous, Homogenous	Tank Insulation - Mechanical Room E02	30%	70%	NAD
0126-VAN-500-2 P176-7	Gray, Fibrous, Homogenous	Tank Insulation - Mechanical Room E02	60%	40%	NAD
0126-VAN-500-3 P176-8	Gray, Fibrous, Homogenous	Tank Insulation - Main Steam Room	30%	70%	NAD

Julia McKenzie, Tracy Skalski
Analyst(s)

Approved Signatory

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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000 Fax: 315-455-9667
Project: SET954 SUNY Potsdam Van Hansen Hall

Date Received: 1/28/2009
Date Analyzed: 1/29/2009
Sienna ID: P176

Polarized Light Microscopy (PLM) of Non-Friable, Organically Bound Materials by NY State ELAP Method 198.6

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-VAN-501-1 P176-9	Black, Non-Fibrous, Homogenous	Duct Insulation Stick Pin Mastic - Mechanical Room E02	30%	70%	11.8% Chrysotile
0126-VAN-501-2 P176-10	Black, Non-Fibrous, Homogenous	Duct Insulation Stick Pin Mastic - Mechanical Room E02	30%	70%	10.0% Chrysotile

Julia McKenzie, Tracy Skalski
Analyst(s)

Approved Signatory

Disclaimer: Polarized Light Microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable, organically-bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Results relate only to samples provided by client. This report shall not be reproduced, except in full, without written approval by Sienna. Analysis performed by Sienna Environmental Technologies, NY ELAP #11727.

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Chain of Custody Document

Report to: _____

Client/Contact: <u>C & S Engineers / Jeffrey Robbins</u>	Turn around (circle) RUSH 48 Hour 24 Hour 72 Hour
Building/Location: <u>Van Housen Hall / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>10</u>	

☒ PLM ☒ TEM ☐ AAS OTHER Neg NOBs to TEM

Sample #	Description of Sample	Location of Sample	Notes
0126-VAN-100-1	Cinder block mortar	Mechanical room E02	P176-1
0126-VAN-100-2	Cinder block mortar	Main steam room	-2
0126-VAN-400-1	Mud fitting on fiberglass	Mechanical room E02	-3
0126-VAN-400-2	Mud fitting on fiberglass	Mechanical room E02	-4
0126-VAN-400-3	Mud fitting on fiberglass	Main steam room	-5
0126-VAN-500-1	Tank insulation	Mechanical room E02	-6
0126-VAN-500-2	Tank insulation	Mechanical room E02	-7
0126-VAN-500-3	Tank insulation	Main steam room	-8
0126-VAN-501-1	Duct insulation stick pin mastic	Mechanical room E02	-9
0126-VAN-501-2	Duct insulation stick pin mastic	Mechanical room E02	P176-10

Sienna Environmental
Technologies
☒ Accept
☐ Reject

Notes:

Sampled By:

Paul J. Mawry

Date:

1/26/09

Relinquished By:

Paul J. Mawry

Date:

1/28/09

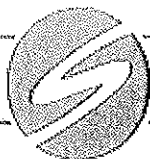
Received By:

E. Skalski 0930

P176

Date:

1/28/09



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LABORATORY REPORT

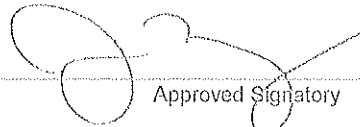
Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000 Fax: 315-455-9667
Project: SET954 SUNY Potsdam - Thatcher Hall

Date Received: 1/28/2009
Date Analyzed: 1/30/2009
Sienna ID: P183

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-THA-400-1 P183-1	Gray, Fibrous, Homogenous	Mud Fitting On Fiberglass - 1st Floor Mechanical Room	20%	80%	14.8% Chrysotile
0126-THA-400-2 P183-2	Gray, Fibrous, Homogenous	Mud Fitting On Fiberglass - 1st Floor Mechanical Room	20%	80%	16.7% Chrysotile
0126-THA-400-3 P183-3	Gray, Fibrous, Homogenous	Mud Fitting On Fiberglass - 1st Floor Mechanical Room	20%	80%	13.8% Chrysotile
0126-THA-500-1 P183-4	Gray, Fibrous, Homogenous	Tank Insulation - 1st Floor Mechanical Room	40%	60%	NAD
0126-THA-500-2 P183-5	Gray, Fibrous, Homogenous	Tank Insulation - 1st Floor Mechanical Room	30%	70%	NAD
0126-THA-500-3 P183-6	Gray, Fibrous, Homogenous	Tank Insulation - 1st Floor Mechanical Room	20%	80%	NAD

Julia McKenzie
Analyst(s)


Approved Signatory

Disclaimers: NAD = No asbestos detected. Results relate only to samples provided by client. This report shall not be reproduced, except in full, without written approval by Sienna. Samples analyzed as NAD or Trace (<1%) cannot be guaranteed. Quantitative transmission electron microscopy is currently the only reliable method that can be used to determine if this material can be considered or treated as non-asbestos containing. Analysis performed by Sienna Environmental Technologies, NY ELAP #11727.

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Fax 716-332-3136

Chain of Custody Document

x Report to: _____

Client/Contact: <u>C & S Engineers / Jeffrey Robbins</u>	Turn around (circle) RUSH 48 Hour 24 Hour 72 Hour
Building/Location: <u>Thatcher Hall / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>6</u>	

X PLM TEM AAS OTHER _____

Sample #	Description of Sample	Location of Sample	Notes
0126-THA-400-1	Mud fitting on fiberglass	1st floor mechanical room	P183-1
0126-THA-400-2	Mud fitting on fiberglass	1st floor mechanical room	-2
0126-THA-400-3	Mud fitting on fiberglass	1st floor mechanical room	-3
0126-THA-500-1	Tank insulation	1st floor mechanical room	-4
0126-THA-500-2	Tank insulation	1st floor mechanical room	-5
0126-THA-500-3	Tank insulation	1st floor mechanical room	P183-6

Notes:

Sienna Environmental
Technologies
☒ Accept
☐ Reject

Sampled By:

Paul Mair

Date: 1/26/09

Relinquished By:

Paul Mair

Date: 1/28/09

Received By:

Date: 1/28/09 1100

MSR



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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Phone: 315-455-2000 Fax: 315-455-9667

Project: SET954 Kellas Hall

Date Received: 1/28/2009

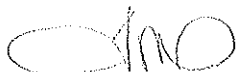
Date Analyzed: 1/30/2009

Sienna ID: P177

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-KEL-100-1 P177-1	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Switchgear - B10	0%	100%	NAD
0126-KEL-100-2 P177-2	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Signal Room - B7	0%	100%	NAD
0126-KEL-400-1 P177-3	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Mechanical Equipment Room - B8	30%	70%	NAD
0126-KEL-400-2 P177-4	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Mechanical Equipment Room - B8	20%	80%	NAD
0126-KEL-400-3 P177-5	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Mechanical Equipment Room - B8	20%	80%	NAD

Julia McKenzie, Tracy Skalski
Analyst(s)


Approved Signatory

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Chain of Custody Document

ix Report to:

Client/Contact: <u>C & S Engineers / Jeffrey Robbins</u>	Turn around (circle)
Building/Location: <u>Kellas Hall</u>	
Job #: <u>SET954</u> Total # Samples: <u>5</u>	RUSH 48 Hour 24 Hour 72 Hour

 X PLM TEM AAS OTHER

[illegible]

Notes: Page 1 of 1.

sampled By: Paul Macer

Date: 1/26/09

Relinquished By: *Paul / Mary*

Date: 1/28/06

Received By: A. S. G. 2-6 0930

Date: 1/28/00



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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000 Fax: 315-455-9667
Project: SET954 SUNY Potsdam - Brainerd Hall

Date Received: 1/28/2009
Date Analyzed: 1/29/2009
Sienna ID: P182

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-BRA-100-1 P182-1	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Basement Mechanical Room	0%	100%	NAD
0126-BRA-100-2 P182-2	Gray, Non-Fibrous, Homogenous	Cinder Block Mortar - Basement Mechanical Room	0%	100%	NAD

Julia McKenzie
Analyst(s)


Approved Signatory

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Chain of Custody Document

Fax 716-332-3136

Fax Report to:

Client/Contact: <u>C & S Engineers / Jeffrey Robbins</u>	Turn around (circle)
Building/Location: <u>Brainerd Hall / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>2</u>	☒ RUSH 48 Hour ☐ 24 Hour 72 Hour

PLM TEM AAS OTHER

[illegible]

Notes:

Sienna Environmental
(Technologies)☒ Accepted

Rock

Sampled By:

Date:

Relinquished By:

Date:

Received By:

Date:

10182



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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212
Phone: 315-455-2000 Fax: 315-455-9667
Project: SET954 SUNY Potsdam - Timmerman Hall

Date Received: 1/28/2009
Date Analyzed: 1/30/2009
Sienna ID: P179

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0126-TIM-400-1 P179-1	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement Mechanical Room	20%	80%	NAD
0126-TIM-400-2 P179-2	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement Mechanical Room	10%	90%	NAD
0126-TIM-400-3 P179-3	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement Mechanical Room	20%	80%	NAD

Tracy Skalski
Analyst(s)


Approved Signatory

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Buffalo, NY 14202

Fax 716-332-3136

Chain of Custody Document

Fax Report to: _____

Client/Contact: <u>C & S Engineers / Jeffrey Robbins</u>	Turn around (circle)
Building/Location: <u>Timerman Hall / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>3</u>	RUSH 48 Hour
	24 Hour 72 Hour

☒	☐	☐	☐	☐
PLM	TEM	AAS	OTHER	

[illegible]

Notes:

Sampled By:

Relinquished By:

Received By:

**Sienna Environmental
Technologies**

☒ Accent

Reed

Date: 1/26/09

Date: 1/28/09

Date: 1/08/09 1 00

179



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LABORATORY REPORT

Attn: Jeffrey Robbins
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Phone: 315-455-2000 Fax: 315-455-9667

Project: SET954 SUNY Potsdam - Barrington Student Union

Date Received: 1/28/2009

Date Analyzed: 1/30/2009

Sienna ID: P178

Polarized Light Microscopy (PLM) by NY State ELAP Method 198.1

Sample	Description	Location	% Fibrous	% Non-Fibrous	% Asbestos Type
0127-BAR-400-1 P178-1	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	20%	80%	NAD
0127-BAR-400-2 P178-2	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	10%	90%	NAD
0127-BAR-400-3 P178-3	Gray, Fibrous, Homogenous	Mud Fitting on Fiberglass - Basement	10%	90%	NAD
0127-BAR-500-1 P178-4	Gray, Fibrous, Homogenous	Air Duct Insulation - Attic	25%	75%	8.2% Amosite 12.9% Chrysotile
0127-BAR-500-2 P178-5	Gray, Fibrous, Homogenous	Air Duct Insulation - Attic	10%	90%	4.9% Amosite 2.8% Chrysotile
0127-BAR-500-3 P178-6	Gray, Fibrous, Homogenous	Air Duct Insulation - Attic	20%	80%	6.6% Amosite 9.8% Chrysotile

Julia McKenzie, Tracy Skalski
Analyst(s)

Approved Signatory

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Chain of Custody Document

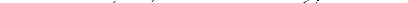
Phone 716-332-3134
Fax 716-332-3136

Client/Contact: <u>C & S Engineers / Jeffrey Robbins</u>	Turn around (circle)
Building/Location: <u>Barrington Student Union / SUNY Potsdam</u>	
Job #: <u>SET954</u> Total # Samples: <u>6</u>	RUSH 48 Hour
	24 Hour 72 Hour

~~PLM~~ TEM AAS OTHER

Vienna Environmental
Technologies

☒ Accept
☐ Reject

Received By:  Date: 1/28/69

0078



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Appendix D Asbestos sample plans

S.U.C.F. PRO:
NO: 1229

**UPGRADE ENGINEERING
MANAGEMENT SYSTEMS
VARIOUS BUILDING**

The State University of New York at Potsdam, New York

**STATE UNIV
CONSTRUC
FUND**

STATE UNIVERSITY
353 BROADWAY
ALBANY, N.Y. 12202



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28 East Main Str
200 First Federal Pl
Rochester, New York
585.232.5135 / 585.232.

Engineers / Architects / Planners

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NOTE:
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a relative of the New York State Education is
not sufficient.

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Engineers / Architects / Planners
DATE: 10/20/2010

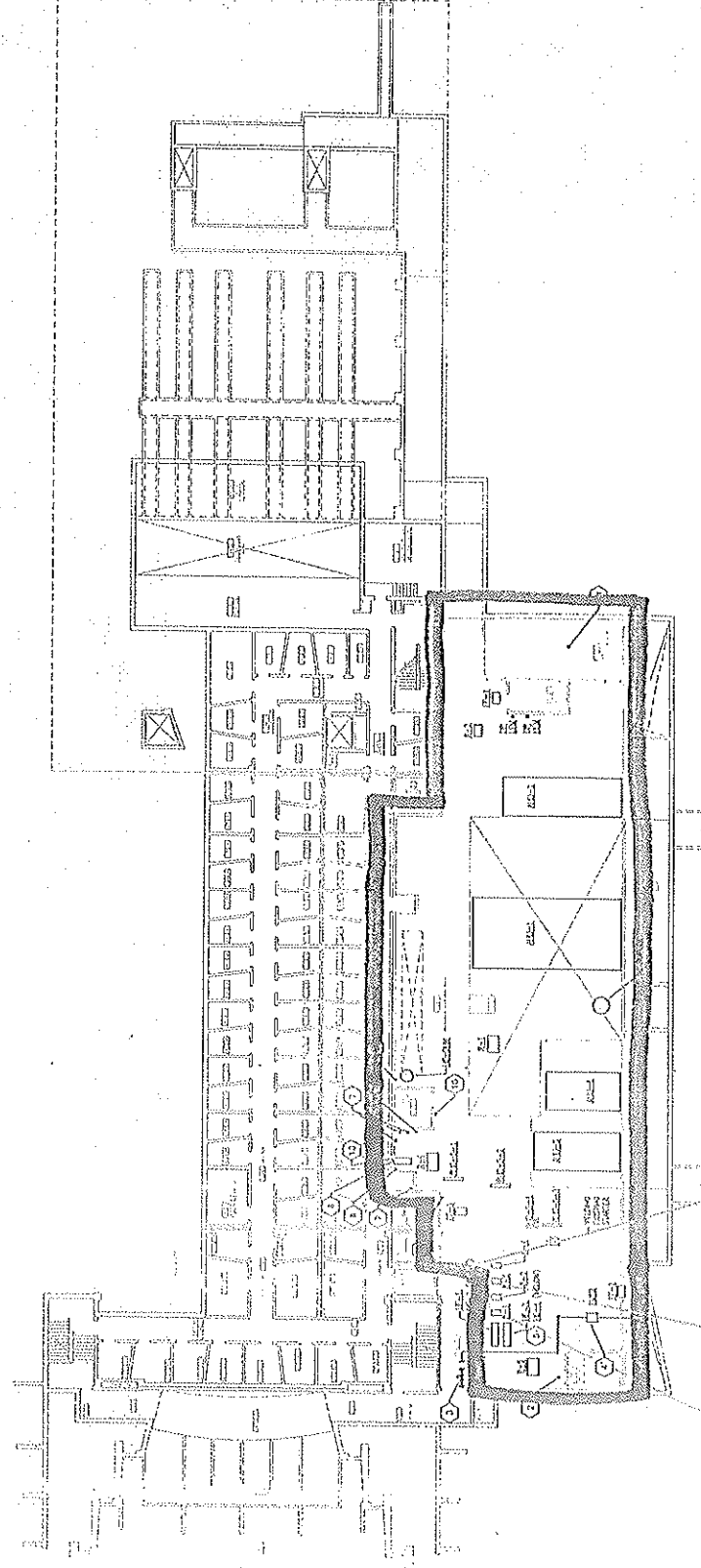
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NOTE:
This drawing is prepared for the use of the State University of New York at Potsdam, New York.
10/15/2010

CRANE
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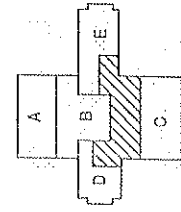
DATE	10/20/2010
BY	ASB
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DATE	10/20/2010
PROJECT	STATE UNIVERSITY OF NEW YORK AT POTSDAM
LOCATION	353 BROADWAY, ALBANY, NY 12242
CLIENT	STATE UNIVERSITY OF NEW YORK AT POTSDAM
ARCHITECT	BERGMAN ASSOCIATES
ENGINEER	BERGMAN ASSOCIATES
PLANNER	BERGMAN ASSOCIATES

ATC100



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

CRN-400-1
CRN-400-2
CRN-400-3



CRANE KEY PLAN
SCALE: 1/8" = 1'-0"

RENOVATION KEYNOTES:

1. REMOVE EXISTING CRANE BASE AND REINFORCEMENT.
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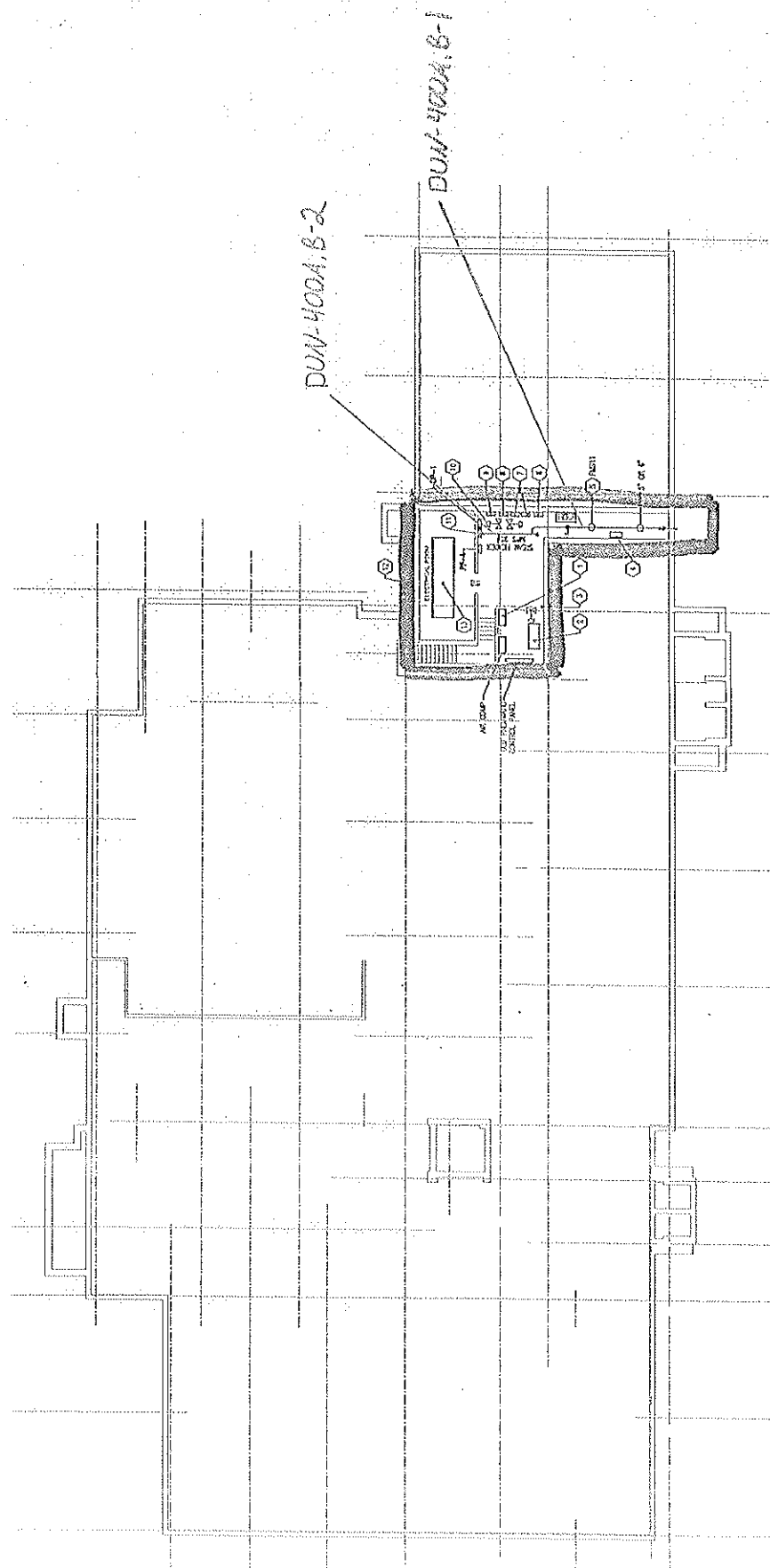
**PRE-BID
SUBMISSION**

NOTE
Unpublished drawings are subject to change without notice. All dimensions are in feet and inches unless otherwise noted.

**DUNN
BASEMENT PLAN**

Project No.	777145
Client	State University of New York at Potsdam
Location	Potsdam, New York
Architect	Bergm Associates
Engineer	Bergm Associates
Planner	Bergm Associates
Scale	1/8" = 1'-0"
Date	11/15/2011

ATC100



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

GENERAL NOTES:

RENOVATION KEYNOTES:

1. EXISTING ROOM 1011 WILL BE REMOVED AND RELOCATED TO ROOM 1012.
2. EXISTING ROOM 1012 WILL BE REMOVED AND RELOCATED TO ROOM 1011.
3. EXISTING ROOM 1013 WILL BE REMOVED AND RELOCATED TO ROOM 1010.
4. EXISTING ROOM 1014 WILL BE REMOVED AND RELOCATED TO ROOM 1013.
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20. EXISTING ROOM 1030 WILL BE REMOVED AND RELOCATED TO ROOM 1029.

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Potsdam, New York

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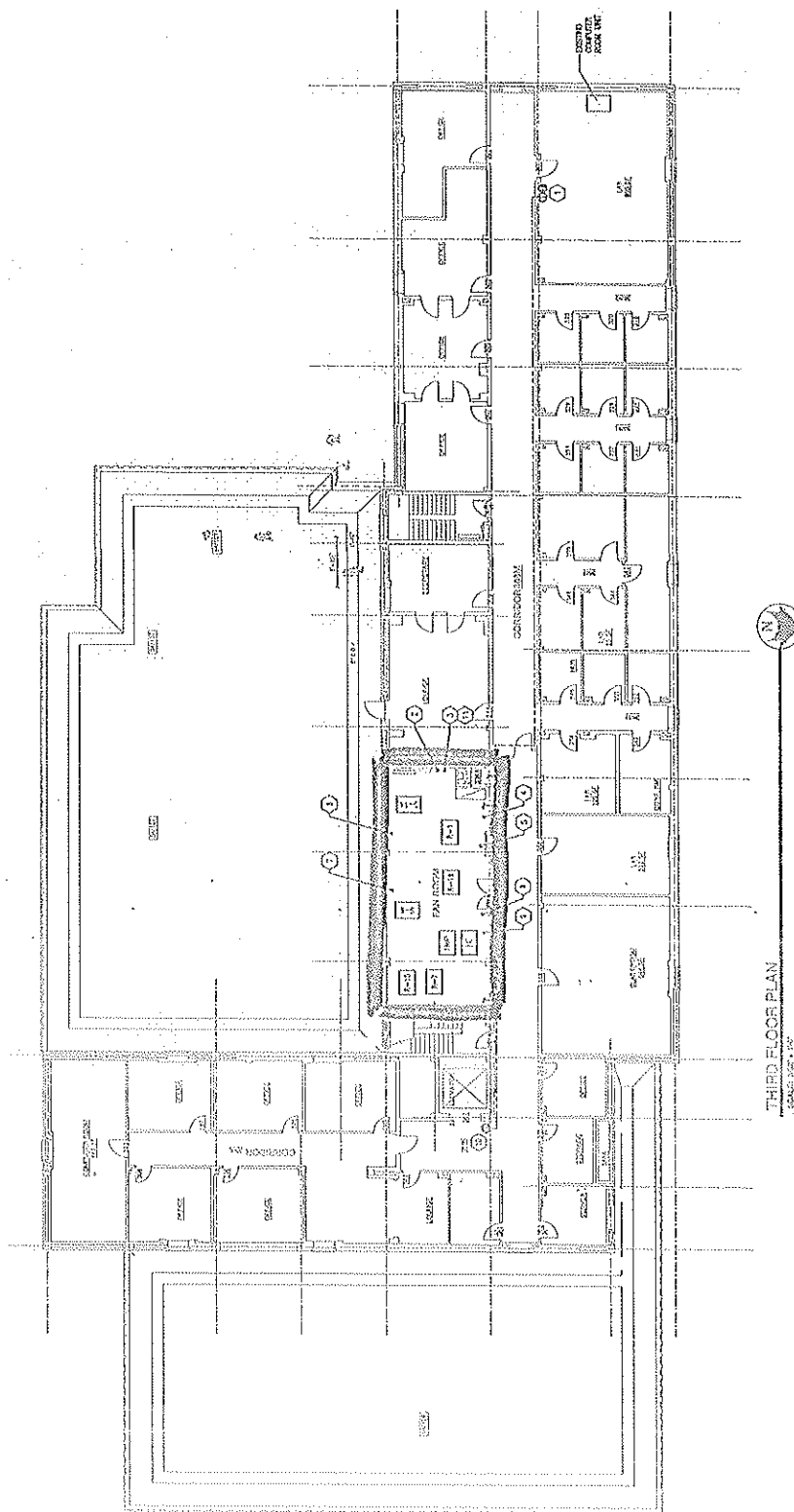
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NOTE:
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§ 85, Section 7(2)(b).

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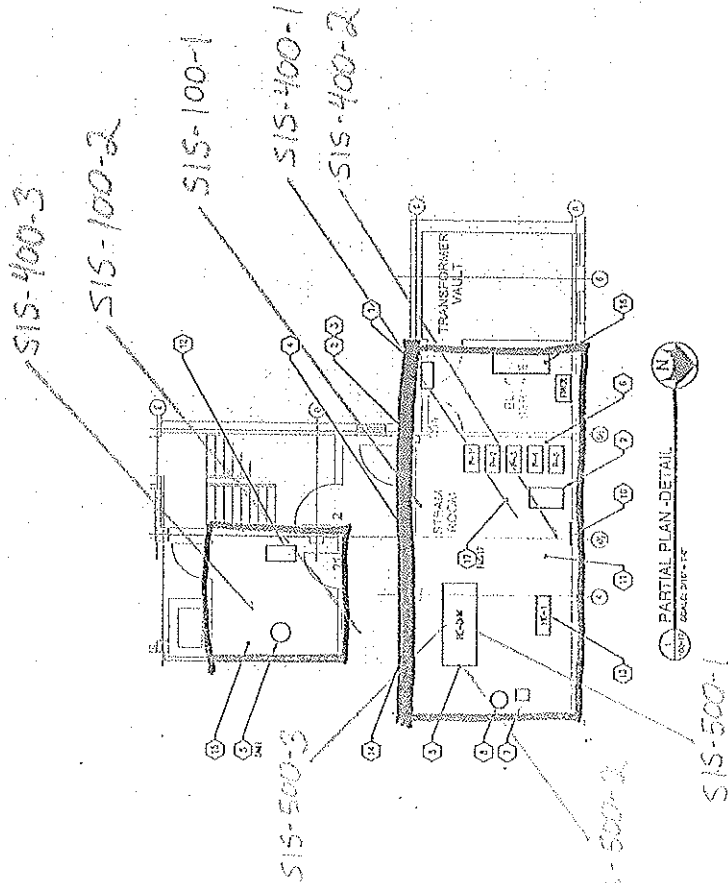
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NOTES
 1. See General Notes to Specifications for additional information.
 2. See Section 05000 for details of construction.

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BASEMENT PL

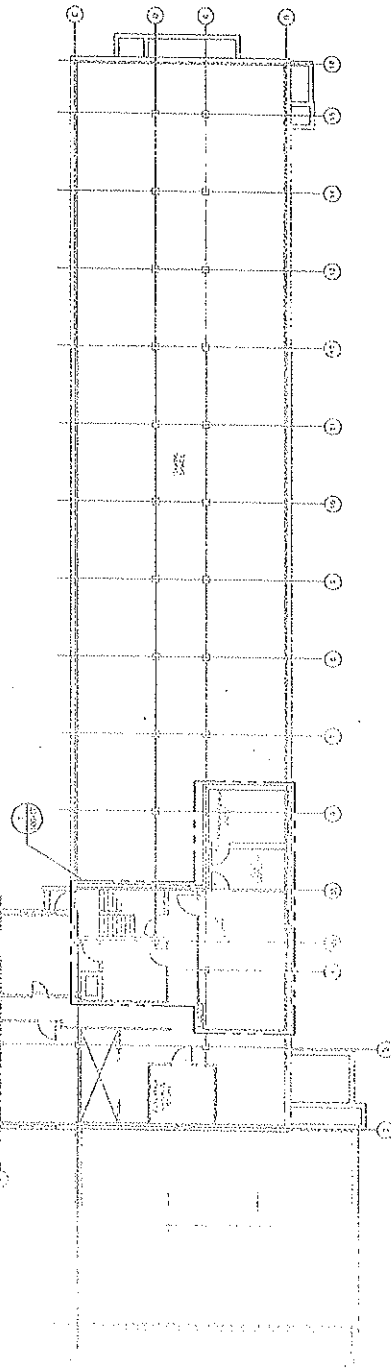
DATE: 10/1/10
 DRAWN BY: J. SISSON
 CHECKED BY: J. SISSON
 APPROVED BY: J. SISSON
 SCALE: AS SHOWN

ATC100-1



RENOVATION KEYNOTES:

1. UNFLOOR SLAB TO BE REMOVED AND REPLACED WITH 4" CONCRETE. TRANSFER PILES AND 100 POUND PILES TO REMAIN. PROVIDE 2" DIA. CHAIRS WITH 3" MAX-SPACE THEM UP TO CHAIRS TO HOLD UP FLOOR.
2. TRANSFER SYSTEM 10-1, 10-2, 10-3, 10-4, 10-5, 10-6, 10-7, 10-8, 10-9, 10-10, 10-11, 10-12, 10-13, 10-14, 10-15, 10-16, 10-17, 10-18, 10-19, 10-20, 10-21, 10-22, 10-23, 10-24, 10-25, 10-26, 10-27, 10-28, 10-29, 10-30, 10-31, 10-32, 10-33, 10-34, 10-35, 10-36, 10-37, 10-38, 10-39, 10-40, 10-41, 10-42, 10-43, 10-44, 10-45, 10-46, 10-47, 10-48, 10-49, 10-50, 10-51, 10-52, 10-53, 10-54, 10-55, 10-56, 10-57, 10-58, 10-59, 10-60, 10-61, 10-62, 10-63, 10-64, 10-65, 10-66, 10-67, 10-68, 10-69, 10-70, 10-71, 10-72, 10-73, 10-74, 10-75, 10-76, 10-77, 10-78, 10-79, 10-80, 10-81, 10-82, 10-83, 10-84, 10-85, 10-86, 10-87, 10-88, 10-89, 10-90, 10-91, 10-92, 10-93, 10-94, 10-95, 10-96, 10-97, 10-98, 10-99, 10-100, 10-101, 10-102, 10-103, 10-104, 10-105, 10-106, 10-107, 10-108, 10-109, 10-110, 10-111, 10-112, 10-113, 10-114, 10-115, 10-116, 10-117, 10-118, 10-119, 10-120, 10-121, 10-122, 10-123, 10-124, 10-125, 10-126, 10-127, 10-128, 10-129, 10-130, 10-131, 10-132, 10-133, 10-134, 10-135, 10-136, 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**S.U.C.F. PROJ.
NO. 12294
UPGRADE ENER-
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VARIOUS BUILD-
INGS**
The State University
of New York at Potsdam,
Potsdam, New York

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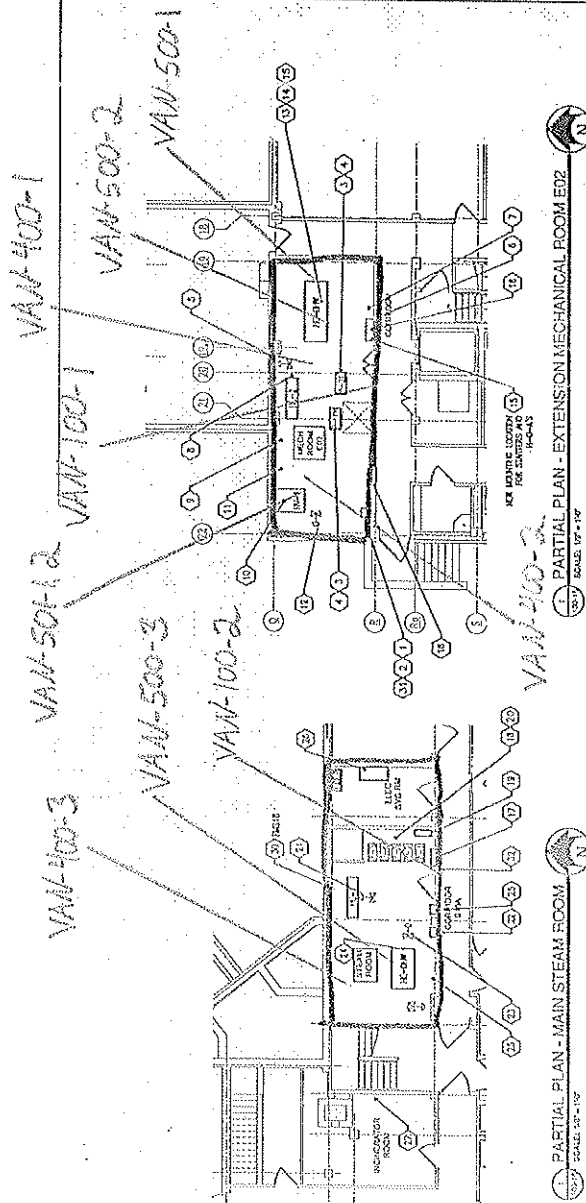
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NOTE:
Information and attention for addition to this class
in addition to the New York State Education Law
16, Section 700.

**VAN HOUSEN
BASEMENT PLI**

ATC100-1



1 PARTIAL PLAN - MAIN STEAM ROOM
SCALE 1/8" = 1'-0"

1 PARTIAL PLAN - EXTENSION MECHANICAL ROOM E02
SCALE: 1/2" = 1'-0"

RENOVATION KEYNOTES:

- [illegible]

S.U.C.F. PROJ
NO. 12294
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VARIOUS BUILD
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101 02/11 05/24/07/07

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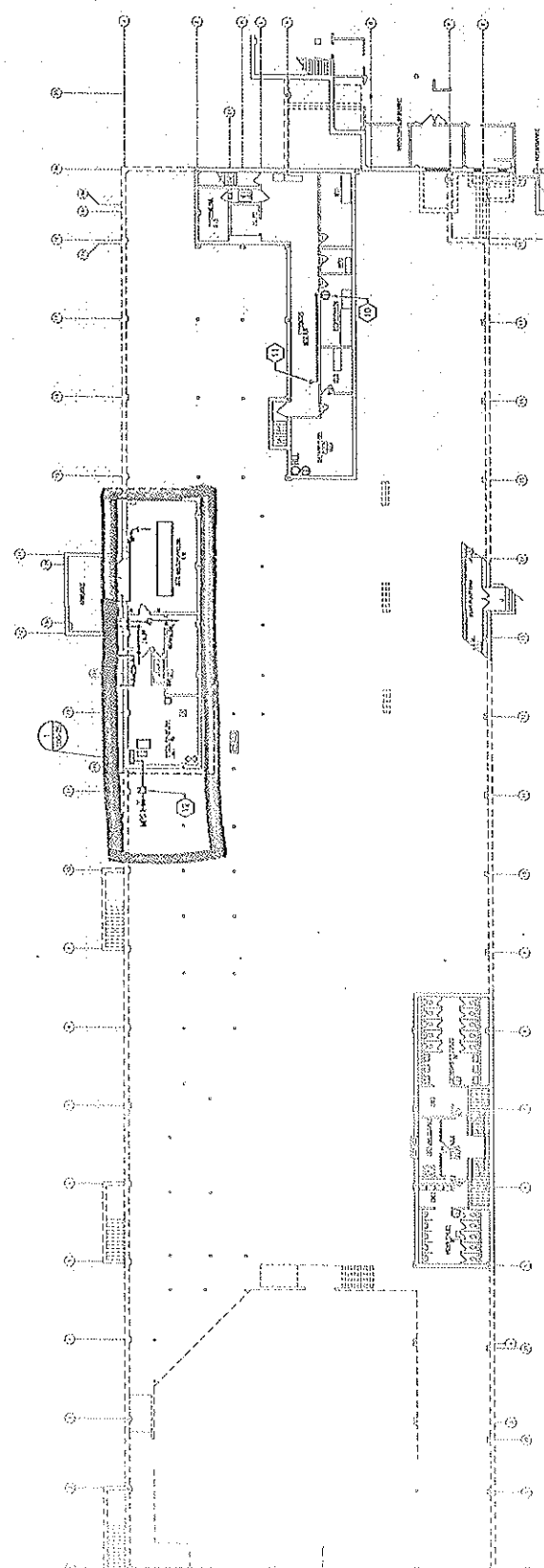
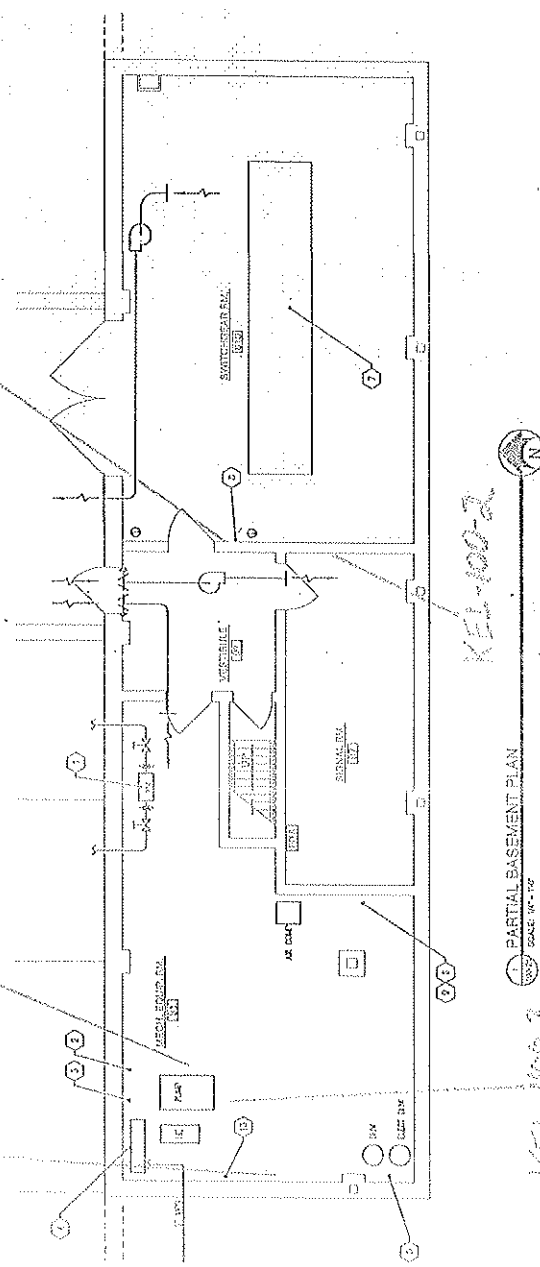
KELLAS
BASEMENT PL

Project Name	State University of New York at Potsdam
Project No.	12294
Drawn By	AS
Checked By	AS
Scale	AS NOTED

ATC100-2

RENOVATION KEYNOTES:

1. EXISTING WALLS, CEILING, FLOOR, AND ROOF SHALL BE DEMOLISHED AND RECONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING NOTES.
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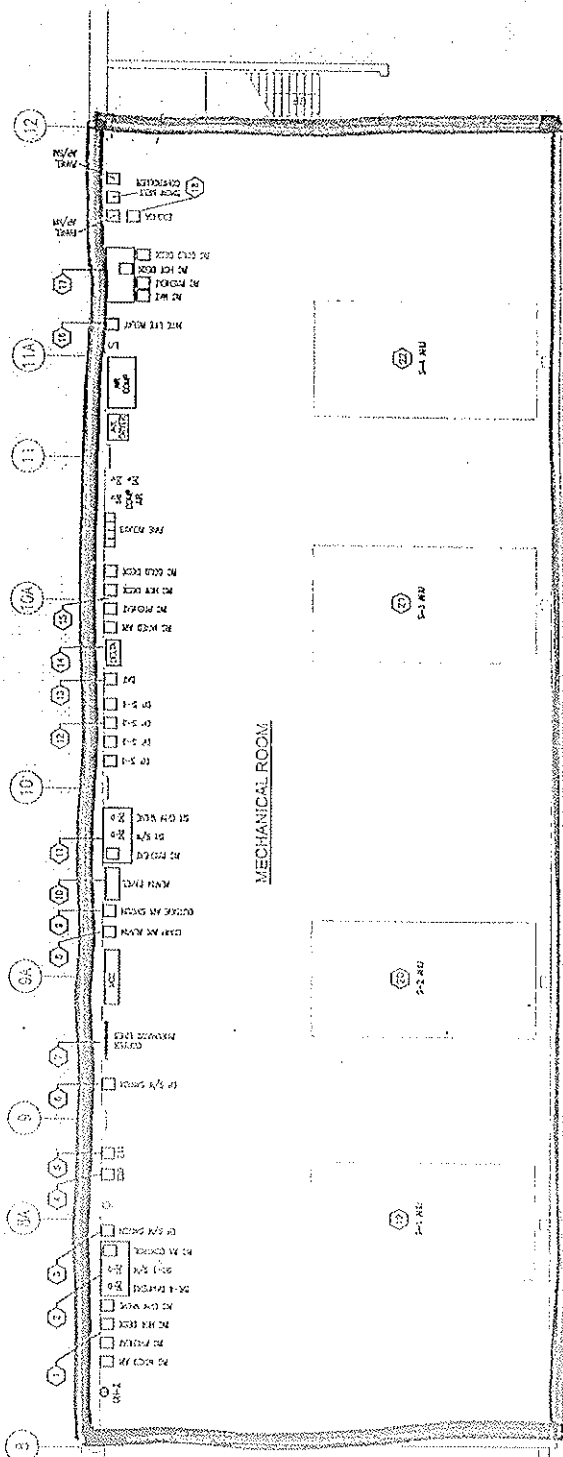
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NOTE:
 This drawing is intended to be used in the preparation of a bid for the project described herein. It is not to be used for any other purpose without the written consent of the Engineer/Architect/Planner.

KEILLAS
MEZZANINE FLOOR

DATE: 10/1/2010
 DRAWN BY: J. KELLAS
 CHECKED BY: J. KELLAS
 TITLE: MEZZANINE FLOOR
 PROJECT: STATE UNIVERSITY
 353 BROADWAY
 ALBANY, NY 122

ATC103-2



RENOVATION KEYNOTES:

1. REMOVE EXISTING MECHANICAL EQUIPMENT AND RELOCATE TO THE MECHANICAL ROOM.
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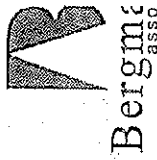


MEZZANINE FLOOR PLAN
 SCALE: 1/8" = 1'-0"

**S.U.C.F. PRO,
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The State University
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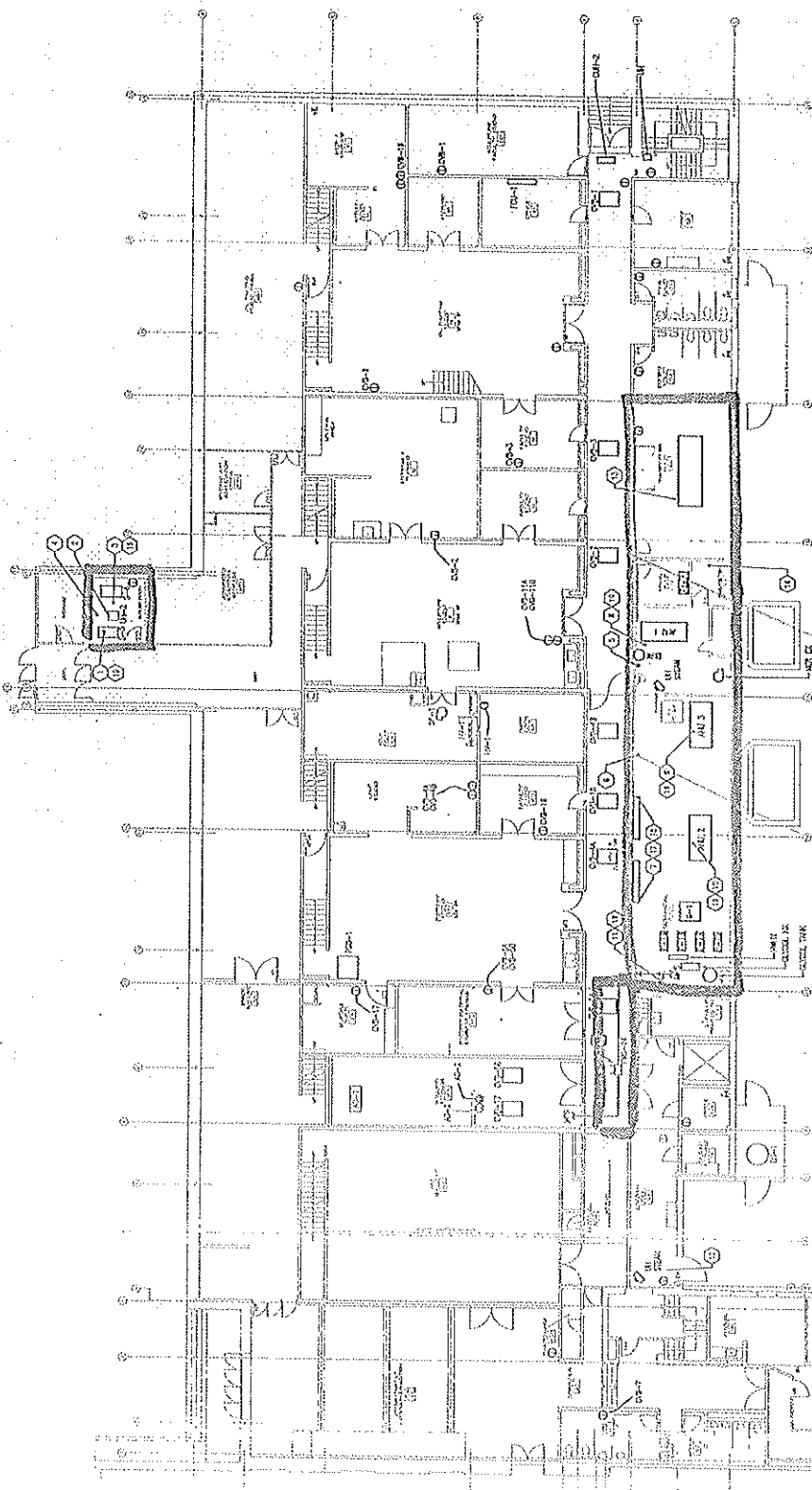
ISSN 0013-788X
PREF-344

NOTE: Authority and a review of section to the Department of the New York State Education Law, § 15, Section 2000.

BRAINERD
FIRST FLOOR

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ATC-100-2
MILITARY PAPER



FIRST FLOOR PLAN:

RENOVATION KEYNOTES:

- [illegible]

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09-07-2008

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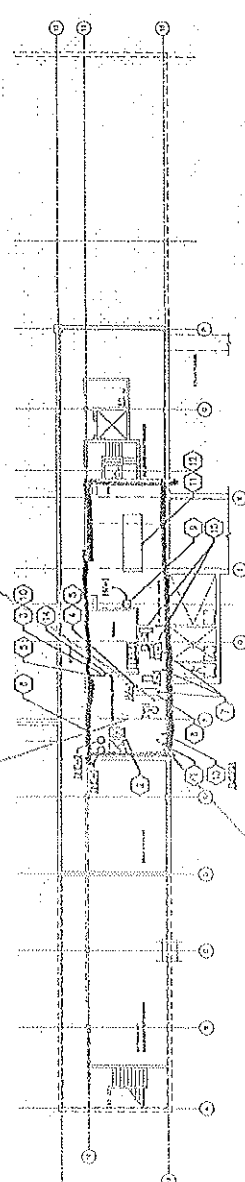
NOTED:
This drawing is a preliminary drawing and is not to be used for construction purposes without the approval of the New York State Education Law
14, Section 1201.

**BARRINGTO
BASEMENT PI**

DATE: 10/1/2011
BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]
SCALE: AS SHOWN
SHEET NO. 1 OF 1

ATC100-2

BAR-400-1
BAR-400-3



BASEMENT PLAN

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

RENOVATION KEYNOTES:

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DATE: 09/10
PROJECT: 1229

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NOTE:
Unpublished and subject to addition to the
specifications and drawings as shown on the
last page of the set.

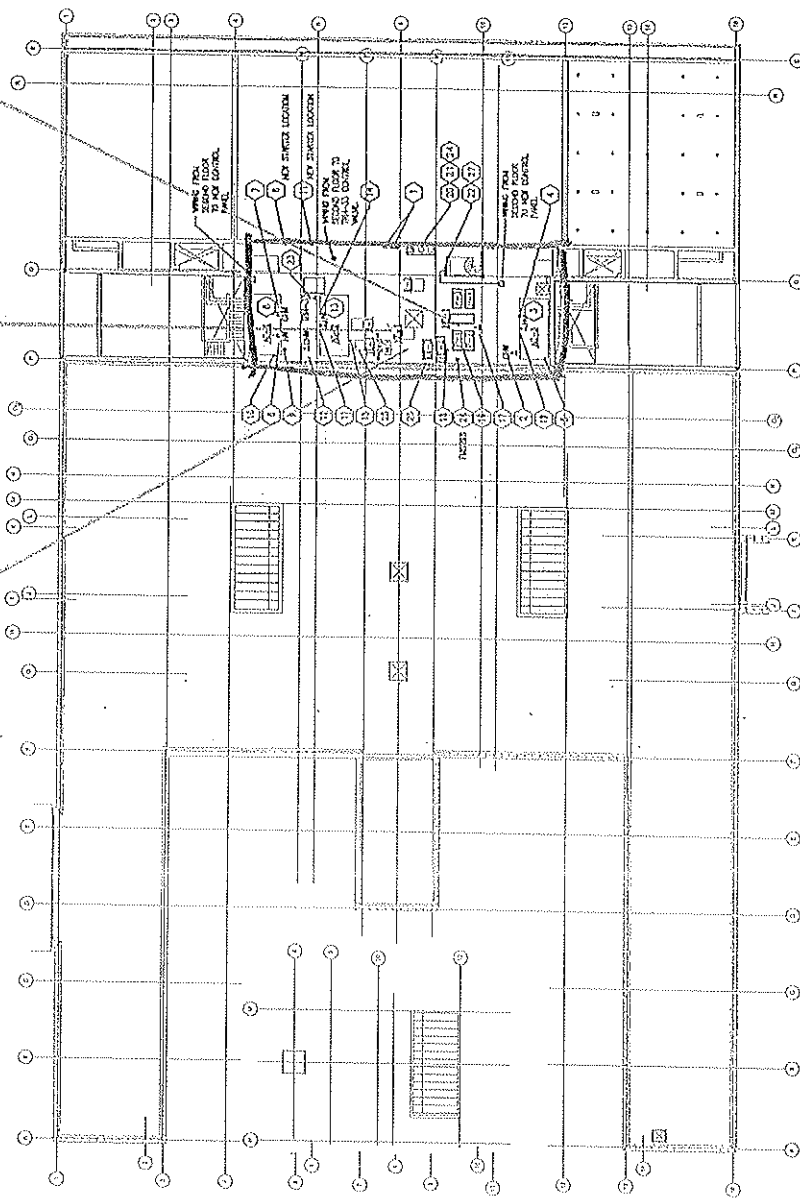
BARRINGTO
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PROJECT NO. 1229
SHEET NO. 103-1
DATE: 09/10
PROJECT: 1229

ATC103-1

RENOVATION KEYNOTES:

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ATTIC PLAN
SCALE: 1/4" = 1'-0"

BAR-500-3

BAR-500-1 BAR-500-2