Appendix 5.01 Lincoln Hall Asbestos Survey, July 2008

ASBESTOS BUILDING INSPECTION

LOCATION:

LINCOLN HALL
1620 SW PARK AVENUE
PORTLAND, OREGON 97201

JULY 10, 2008

FORENSIC ANALYTICAL PROJECT NO. PJ4386

PREPARED FOR:

PORTLAND STATE UNIVERSITY
PO BOX 13175
PORTLAND, OREGON 97403

PREPARED BY:

Forensic Analytical Consulting Services, Inc.
Portland Office
17400 SW Upper Boones Ferry Road, Suite 245
Portland, OR 97224
503/595.1001

TABLE OF CONTENTS

1.0 INTRODUCTION

Forensic Analytical Specialties, Inc. performed an inspection to identify asbestos-containing building materials at the property located at 1620 SW Park Avenue, Portland, Oregon. Dan Rouse, Noal Kraft and Robin Sharpe conducted the field investigation on May 20, 21 and June 18, 24, 2008 at the direction of Kate Vance of Portland State University.

The purpose of the inspection is to determine whether ACM is present in the structures onsite. The subject property was built in 1912 and consists of a three-story building with a basement, totaling 145,000 sq. ft.

This report presents the results of the asbestos inspection conducted by Forensic Analytical Consulting Services, Inc. for the above referenced project. Results of the inspection are summarized in Appendix A.

Drawings depicting ACM and sample locations are presented in Appendix B. A detailed laboratory report and chain of custody forms are contained in Appendix C.

2.0 FINDINGS

The results of the samples indicate that asbestos was detected at the site. A complete table of the samples taken and materials assumed to contain asbestos can be found in Appendix A.

3.0 RECOMMENDATIONS

Materials for which sample analysis by PLM results in greater than one percent asbestos (for any one sample collected from a homogeneous material) are classified as ACM under regulations promulgated by, but not limited to, the following agencies: federal EPA and federal OSHA.

The agencies use the following definitions:

Federal EPA (Oregon DEQ): materials containing greater than one percent asbestos are ACM
Federal OSHA (OR-OSHA): materials containing greater than one percent asbestos are ACM

For detailed regulatory requirements in specific situations, Forensic Analytical should be consulted, or the applicable regulations should be examined.

All materials identified were classified by condition. Materials in “Good” condition should be maintained in place following the OR-OSHA operations and maintenance requirements. Materials in “Fair” condition should have patch and repair activities performed to address any damaged areas. Materials in “Poor” condition should be addressed through removal, repair and/or encapsulation.

The following materials are classified as in "Poor" condition in this building:

The aircell insulation wrapped around the exterior of the ducts above the basement ceiling is deteriorating and delaminating. During the inspection, delaminated insulation material was observed on the top of both hard ceilings and suspended ceiling tile where the material is installed. This material was only observed in the basement, however, it is assumed to be throughout the building.

4.0 METHODS

Materials suspected of containing asbestos were sampled in accordance with the federal EPA AHERA protocols. Materials determined by the inspector to be non-suspect, such as wood, metal, glass, and fiberglass insulation, were not sampled. Destructive sample techniques were not used during the inspection. Additional suspect building materials may be present in areas that were inaccessible, unsafe to inspect, or obscured from view during the inspection process.

Suspect materials were grouped and classified as homogeneous materials based on their appearance, usage, and age of the building. Representative samples of each homogeneous material were collected for laboratory analysis. Where previous sample data exists, one confirming sample was collected of materials that previously tested positive. Additionally, where multiple samples of a given homogeneous material were collected, the set was analyzed to first positive.

The unique sample description ID was developed specifically for PSU. The sample ID includes; the PSU building ID; the homogeneous material number; followed by a unique material code (FT = Floor Tile); and lastly the sample number.

Samples were collected in such a manner as to minimize release of the material into the surroundings. Material type, sample number, sample location and other pertinent information were recorded at the time of sampling. Each sample was placed in a sample container labeled with a unique sample number and submitted to Forensic Analytical's NVLAP-accredited laboratory for analysis under chain of custody documentation. Samples were analyzed in accordance with EPA Method 600/R-93-116, using PLM with dispersion staining and using visual area estimation to determine percent asbestos content. This method allows for the identification of the primary types of asbestos used in building materials. The lower limit of detection for this method is one percent. Samples containing less than one percent asbestos by PLM with visual area estimation are reported as Trace.

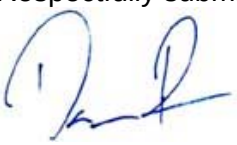
5.0 LIMITATIONS

Forensic Analytical did not inspect subsurface areas for asbestos. ACM such as underground waterproofing coatings, asbestos-cement water pipe, electrical ducts, or other subsurface materials or equipment may be present beneath the site. Forensic Analytical did not disassemble building equipment; such as fans, ducts, elevator equipment, and electrical equipment. Consequently, equipment may contain untested gaskets, internal components, overspray of building materials and the like. If the aforementioned materials or any other untested suspect materials are encountered during construction or maintenance activities, they should be assumed to be asbestos-containing materials and not disturbed, unless sampling and analysis of the materials proves otherwise.

The following areas were inaccessible at the time of the survey: 35B, 245A, 344, 344A & 323

Forensic Analytical has performed this asbestos sampling in accordance with generally accepted methods and practices of the profession, and consistent with that level of care and skill ordinarily exercised by reputable environmental consultants under similar conditions and circumstances. No other representation, guarantee or warranty, express or implied, is included or intended in this asbestos inspection report.

Respectfully submitted,



Dan Rouse

Reviewed by,

Noal Kraft

APPENDIX A

COMPLETE SAMPLE INVENTORY

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-01-FM-1	Floor Material, Green Cementitious	LH - C301	-	ND	-	-
LH-02-FT-1	Floor Tile, 9" x 9" Yellow w/ White, Brown and Red Streaks, and Black Mastic	LH - C301	LH - C301, V302, V350, C301, V301, C305, V304, C303, C302 & V303	5% Chrysotile Tile 5% Chrysotile Mastic	5,140 sq. ft.	Good
LH-03-FM-1	Floor Material, Grey Cementitious	LH - C301	-	ND	-	-
LH-04-CM-1	Carpet Mastic, Tan	LH - 346	-	ND	-	-
LH-05-FT-1	Floor Tile, 12" x 12" Off-White w/ Green Streaks (Under Carpet), and Black Mastic	LH - 346	LH - 346, 339, 327, 301, 245, C241, 231F, 231G, 231A, 201, 200, 149A, 149B, 149F, 149J, 125 & 125A	2% Chrysotile Tile 5% Chrysotile Mastic	5,700 sq. ft.	Good
LH-06-CT-1	Ceiling Tile, 2' x 4' Random Hole Pattern	LH - 346	-	ND	-	-
LH-07-CB-1	Cove Base, 4" Black, and Brown Adhesive	LH - 346	LH - 346. This material is inaccessible and therefore additional locations other than the room provided are unknown.	2% Chrysotile Adhesive ND Cove Base	20 sq. ft.	Good
LH-08-CB-1	Cove Base, 6" Black, and Brown Adhesive	LH - C301	-	ND	-	-
LH-09-PL-1	Plaster, Wall	LH - 346	-	ND	-	-

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-09-PL-2	Plaster, Wall	LH - 349P	-	ND	-	-
LH-09-PL-3	Plaster	LH - C202N	-	ND	-	-
LH-09-PL-4	Plaster	LH - 275C	-	ND	-	-
LH-09-PL-5	Plaster	LH - 161, on Catwalk	-	ND	-	-
LH-09-PL-6	Plaster	LH - C1	-	ND	-	-
LH-09-PL-7	Plaster	LH - C3	-	ND	-	-
LH-10-CB-1	Cove Base, 4" Brown, and Brown Adhesive	LH - V350	-	ND	-	-
LH-11-CT-1	Ceiling Tile, 2' x 4' w/ Pinholes	LH - 350	-	ND	-	-
LH-12-TSI-1	Rigid Pipe Insulation	LH - 354A	Throughout Building	10% Chrysotile	Partially Inaccessible Not Quantified	Fair
LH-13-CT-1	Ceiling Tile, 2' x 4', (2' x 2' Pattern) Gouged w/ Pinholes	LH - 349	-	ND	-	-
LH-14-CB-1	Cove Base, 4" White, and Yellow Adhesive	LH - 349B	-	ND	-	-

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-15-CT-1	Ceiling Tile, 12" x 12" Glued-On Fissured, and Brown Adhesive	LH - 349B	-	ND	-	-
LH-16-SU-1	Sink Undercoating, Black	LH - 349N	-	ND	-	-
LH-17-FT-1	Floor Tile, 9" x 9" Grey w/ Black & White Specks, and Black Mastic	LH - 336	LH – 336, 334, 332, 19A, 19B, 11, 7, 3, 3A & 3B	5% Chrysotile Tile ND Mastic	3,850 sq. ft.	Good
LH-18-CT-1	Ceiling Tile, 2' x 4' Fissured w/ Pinholes	LH - 337	-	ND	-	-
LH-19-FT-1	Floor Tile, 12" x 12" White w/ Brown Small Streaks, and Tan Mastic	LH - 331	-	ND	-	-
LH-20-FP-1	Fireproofing, Sprayed-On	LH - 330	-	ND	-	-
LH-21-FM-1	Floor Material, Brown Marmoleum	LH - 329A	-	ND	-	-
LH-22-FT-1	Floor Tile, 9" x 9" Grey w/ Cream & Black Streaks, and Black Mastic	LH - 326	LH – 326, 13 & 12	5% Chrysotile Tile 2% Chrysotile Mastic	1,320 sq. ft.	Good
LH-23-FT-1	Floor Tile, 9" x 9" Green w/ Off-White Streaks, and Black Mastic	LH - 326D	LH - 326D, 321, 321C,315A, 307, 215, 145, 137, 115D, 115E, 115G, 63A & 63B	2% Chrysotile Tile 5% Chrysotile Mastic	2,960 sq. ft.	Good

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-24-FT-1	Floor Tile, 9" x 9" Beige w/ Brown Streaks, and Black Mastic	LH - 325	LH – 325, V321, 321A, 321B & 319	5% Chrysotile Tile 5% Chrysotile Mastic	1,200 sq. ft.	Good
LH-25-CT-1	Ceiling Tile, 12" x 12" Glued On, Pinholes, and Brown Adhesive	LH - 326E	-	ND	-	-
LH-26-FT-1	Floor Tile, 16" x 16" Brown Rubber Non-Slip, and Yellow Mastic	LH - Sky Bridge to Cramer Hall	-	ND	-	-
LH-27-FT-1	Floor Tile, 9" x 9" Off-White w/ Black Streaks, and Black Mastic	LH - Skybridge to Cramer Hall	LH - Skybridge to Cramer Hall	5% Chrysotile Tile 5% Chrysotile Mastic	600 sq. ft.	Good
LH-28-FT-1	Floor Tile, 9" x 9" Medium Green Streaked, and Black Mastic	LH - 326D	LH - 326D & 315	5% Chrysotile Tile ND Mastic	850 sq. ft.	Good
LH-29-CAB-1	Cement Asbestos Board	LH - 303	LH - 303, Old Vent Hood	20% Chrysotile	20 sq. ft.	Good
LH-30-FT-1	Floor Tile, 9" x 9" Light Green w/ Blue Streaks, and Black Mastic	LH - C201	LH - C201, C202N, S202, S201, C205, S204, C203, S203 & C202S	5% Chrysotile Tile 5% Chrysotile Mastic	6,440 sq. ft.	Good

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-31-FT-1	Floor Tile, 9" x 9" Grey w/ Cream and Orange Streaks, and Black Mastic	LH - 223	LH – 223, 221A & 221B	5% Chrysotile Tile ND Mastic	310 sq. ft.	Good
LH-32-CT-1	Ceiling Tile, 2' x 4' Small Fissured w/ Pinholes	LH - 216	-	ND	-	-
LH-33-FT-1	Floor Tile, 12" x 12" Tan w/ White and Brown Streaks, and Black Mastic	LH - 200A	LH - 200A, 200B, 275C & 47	2% Chrysotile Tile 2% Chrysotile Mastic	1,370 sq. ft.	Good
LH-34-WTX-1	Fibrous Plaster, Wall Texture	LH - 161	-	ND	-	-
LH-35-PL-1	Plaster, Decorative	LH - 275B	-	ND	-	-
LH-35-PL-2	Plaster, Decorative	LH - 161	-	ND	-	-
LH-35-PL-3	Plaster, Decorative	LH - 275A	-	ND	-	-
LH-36-FT-1	Floor Tile, 12" x 12" Tan w/ White and Brown Specks, and Black Mastic	LH - C101	LH - C101, L103, L101, 120, C103, L102, 123, V37, 37 & 41	2% Chrysotile Tile 5% Chrysotile Mastic	9,740 sq. ft.	Good
LH-37-SV-1	Sheet Vinyl, Green Textured Pattern	LH - 115A	LH - 115A	70% Chrysotile	150 sq. ft.	Good

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-15-CT-2	Ceiling Tile, 12" x 12" Fissured	LH - L115	-	ND	-	-
LH-38-FT-1	Floor Tile, 12" x 12" Light Green w/ Brown and White Streaks, and Black Mastic	LH - C103	LH - C103 & 5A	2% Chrysotile Tile ND Mastic	850 sq. ft.	Good
LH-39-FT-1	Floor Tile, 9" x 9" Cream w/ Dark Green Streaks, and Black Mastic	LH - 127A	LH - 127A & 127B	7% Chrysotile Tile ND Mastic	350 sq. ft.	Good
LH-40-FT-1	Floor Tile, 9" x 9" Brown w/ Cream and Orange Streaks, and Black Mastic	LH - 127	LH – 127, 127D, 127E, 127F, C131, 131A, 131B, 131C, 131D, 131E & 237	2% Chrysotile Tile 2% Chrysotile Mastic	1,680 sq. ft.	Good
LH-41-FT-1	Floor Tile, 12" x 12" Off-White w/ Grey-Green Streaks, and Black Mastic	LH - C1	LH - C1, 27, C5, C2, S12, S3, C3, C4, S4 & 19	7% Chrysotile Tile ND Mastic	8,050 sq. ft.	Good
LH-42-FT-1	Floor Tile, 12" x 12" White w/ Black Specks, and Black Mastic	LH - 32	LH – 32, 34, 22 & 205	2% Chrysotile Tile ND Mastic	1,320 sq. ft.	Good
LH-20-FP-4	Fireproofing Sprayed-On	LH - 38	-	ND	-	-
LH-20-FP-5	Fireproofing Sprayed-On	LH - 38	-	ND	-	-

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-43-TSI-1	Aircell Duct Insulation	LH - 63B	Assumed Throughout Building (Only observed in the basement)	90% Chrysotile	Partially Inaccessible Not Quantified	Poor-Fair
LH-44-FM-1	Floor Material, Tan w/ Cream Streaks	LH - S12	-	ND	-	-
LH-45-ST-1	Stair Tread, Black Non-Slip	LH - S12	-	ND	-	-
LH-46-DWJC-1	Drywall and Joint Compound	LH - 12	Only Observed Throughout Basement	2% Chrysotile Joint Compound ND Drywall	Not Quantified	Good
LH-47-SV-1	Sheet Vinyl, Yellow Patterned	LH - 19	-	ND	-	-
LH-48-TSI-1	Aircell Pipe Insulation	LH - C5	Throughout Building	80% Chrysotile	Partially Inaccessible Not Quantified	Fair
LH-49-FT-1	Floor Tile, 12" x 12" Beige Specked and Tan Mastic	LH - 28	-	ND	-	-
LH-50-CB-1	Cove Base, 6" Brown, and White Adhesive	LH - C5	-	ND	-	-

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-46-DWJC-2	Drywall and Joint Compound	LH - 47	Only Observed Throughout Basement	2% Chrysotile Joint Compound ND Drywall	Not Quantified	Good
LH-46-DWJC-3	Drywall and Joint Compound	LH - 47	Only Observed Throughout Basement	2% Chrysotile Joint Compound ND Drywall	Not Quantified	Good
LH-51-ST-1	Stair Tread, Tan, and Yellow Mastic	LH - 47	-	ND	-	-
LH-52-FP-1	Fireproofing Sprayed-On	LH - 47	-	ND	-	-
LH-53-FT-1	Floor Tile, 12" x 12" Dark Beige Specked, and Tan Mastic	LH - 121	-	ND	-	-
LH-54-FT-1	Floor Tile, 12" x 12" Red Specked, and Tan Mastic	LH - 247	-	ND	-	-
LH-55-FT-1	Floor Tile, 12" x 12" Green Specked, and Tan Mastic	LH - 219	-	ND	-	-
LH-56-PL-1	Plaster Block	LH - 326F	-	ND	-	-
LH-56-PL-2	Plaster Block	LH - 326F	-	ND	-	-
LH-56-PL-3	Plaster Block	LH - 326F	-	ND	-	-

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-57-MAS-1	Mastic, Black Exposed	LH - 326C	-	ND	-	-
LH-58-FS-1	Firestop, Red	LH - 308	-	ND	-	-
LH-59-PL-1	Plaster Patching Material	LH - Interstitial Space Above 3rd Floor Corridor (C305)	-	ND	-	-
LH-59-PL-2	Plaster Patching Material	LH - Interstitial Space Above 3rd Floor Corridor (C305)	-	ND	-	-
LH-59-PL-3	Plaster Patching Material	LH - Interstitial Space Above 3rd Floor Corridor (C305)	-	ND	-	-
LH-20-FP-2	Fireproofing Sprayed-On	LH - 330	-	ND	-	-
LH-20-FP-3	Fireproofing Sprayed-On	LH - 330	-	ND	-	-
LH-60-BUR-1	Built-up Roofing (Single Mem.)	LH - Roof, North	-	ND	-	-
LH-60-BUR-2	Built-up Roofing	LH - Roof, Southwest	-	ND	-	-
LH-60-BUR-3	Built-up Roofing (Under Rocks)	LH - Roof, East	-	ND	-	-
LH-61-RP-1	Roof Patch & Repair Material	LH - Roof, South	-	ND	-	-
LH-62-EB-1	Brick, Exterior Ridged	LH - Roof, East	-	ND	-	-

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-63-SP-1	Silver Paint, Roof Parapet	LH - Roof, Center	Throughout Roof	2% Chrysotile Paint	~30,000 sq. ft.	Fair
LH-64-TSI-1	Pipe Fitting Insulation on Fiberglass Insulated Pipe	LH - 137	Throughout Building	ND**	Partially Inaccessible Not Quantified	Fair
LH-65-IP-1	Insulation Panel	LH - 54	LH - 54, Cover for Dumbwaiter	10% Amosite 10% Chrysotile	6 sq. ft.	Fair
LH-66-PL-1	Plaster, Silver Coated	LH - 49	-	ND	-	-
LH-66-PL-2	Plaster, Silver Coated	LH - 49	-	ND	-	-
LH-66-PL-3	Plaster, Silver Coated	LH - 1	-	ND	-	-
LH-67-TSI-1	Rigid Pipe Insulation	LH - 55E	Throughout Building	95% Chrysotile	Partially Inaccessible Not Quantified	Fair
LH-68-ST-1	Stair Tread, Black Worn Down	LH - Basement NE Stairwell	-	ND	-	-
LH-69-TSI-1	Pipe Fitting Insulation	LH - 149C	Throughout Building	ND**	Partially Inaccessible Not Quantified	Fair

ND – Non-Detected

* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

SAMPLE ID #	MATERIAL DESCRIPTION	SAMPLE LOCATION	MATERIAL LOCATION	ASB. % AND TYPE	APPROX. QUANTITY	CONDITION
LH-71-FM-1	Floor Material, Cementitious Cove Base	LH - S104	LH - Landings & Cove Base on S101, S102, S103, S104, S201, S202, S203, S204, S301A, S302A, S303A & S304A	Trace Chrysotile	1,800 sq. ft.	Fair
LH-71-FM-2	Floor Material, Cementitious Stairwell Landing	LH - S104, Upper	LH - Landings & Cove Base on S101, S102, S103, S104, S201, S202, S203, S204, S301A, S302A, S303A & S304A	Trace Chrysotile	1,800 sq. ft.	Fair
LH-71-FM-3	Floor Material, Cementitious Stairwell Landing	LH - S104, Lower	LH - Landings & Cove Base on S101, S102, S103, S104, S201, S202, S203, S204, S301A, S302A, S303A & S304A	Trace Chrysotile	1,800 sq. ft.	Fair
LH-70-TSI-1	Rigid Pipe Fitting Insulation	LH - C3	Throughout Building	20% Chrysotile 10% Amosite	Partially Inaccessible Not Quantified	Fair
LH-70-TSI-2	Rigid Pipe Fitting Insulation	LH - 137	Throughout Building	ND*	Partially Inaccessible Not Quantified	Fair
LH-70-TSI-3	Rigid Pipe Fitting Insulation	LH - 44	Throughout Building	20% Chrysotile	Partially Inaccessible Not Quantified	Fair

ND – Non-Detected

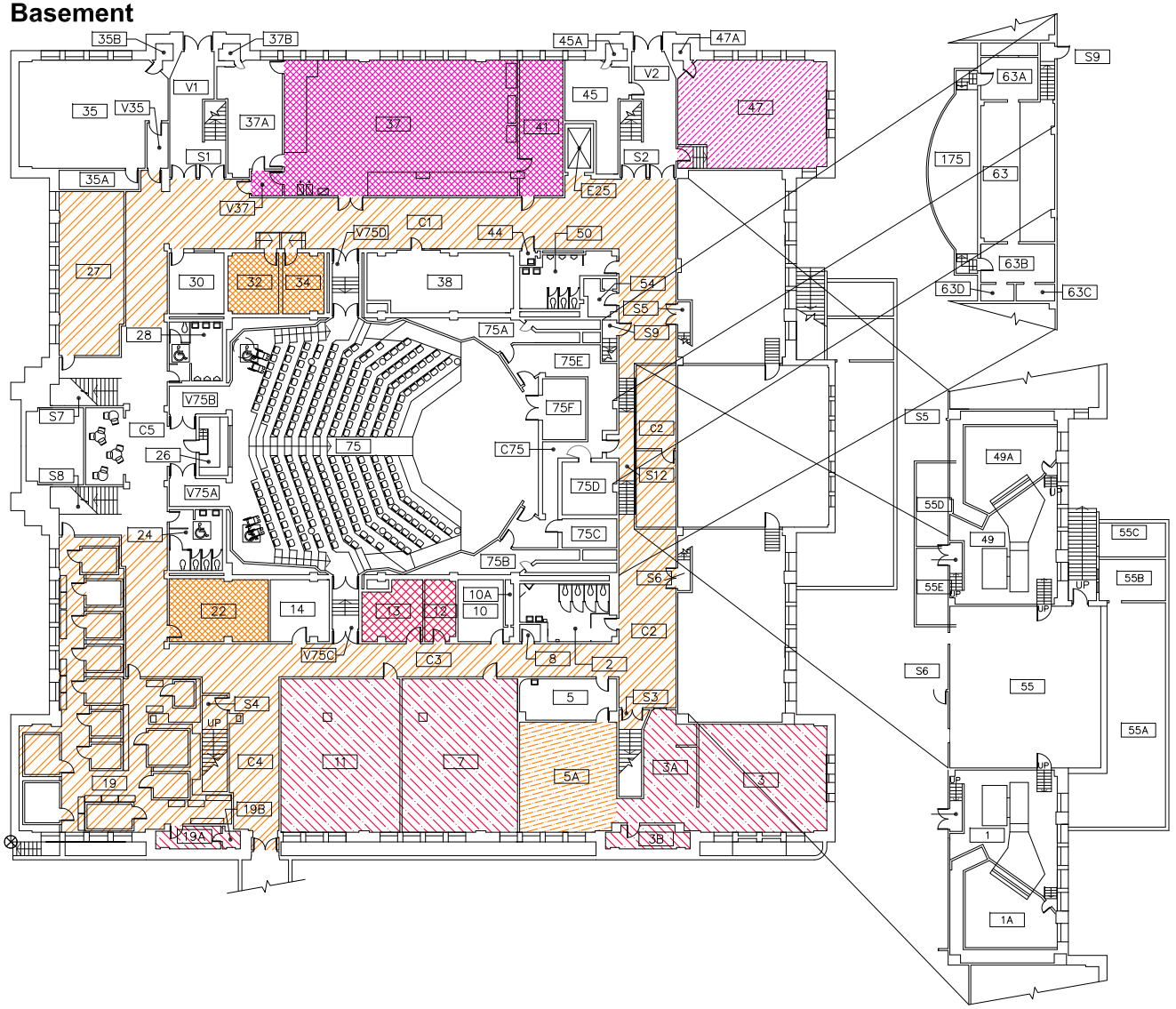
* This sample is part of a set in which one of the samples tested positive for asbestos.

** Due to positive results in sampling, all suspect pipe fitting insulation should be assumed to contain asbestos.

APPENDIX B

SITE DRAWING(S)

Basement



- Floor Tile, 9" x 9" Yellow w/ White, Brown and Red Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Black and White Specks
- Floor Tile, 9" x 9" Grey w/ Cream and Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Green w/ Off White Streaks, and Black Mastic
- Floor Tile, 9" x 9" Beige w/ Brown Streaks, and Black Mastic
- Floor Tile, 9" x 9" Off White w/ Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Medium Green Streaked
- Floor Tile, 12" x 12" Off White w/ Green Streaks, and Black Mastic
- Floor Tile, 9" x 9" Light Green w/ Blue Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Cream and Orange Streaks
- Floor Tile, 12" x 12" Tan w/ White and Brown Streaks, and Black Mastic
- Floor Tile, 12" x 12" Tan w/ White and Brown Specks, and Black Mastic
- Sheet Vinyl, Green Textured Pattern
- Floor Tile, 12" x 12" Light Green w/ Brown and White Streaks
- Floor Tile, 9" x 9" Cream w/ Dark Green Streaks
- Floor Tile, 9" x 9" Brown w/ Cream and Orange Streaks, and Black Mastic
- Floor Tile, 12" x 12" Off White w/ Grey/Green Streaks
- Floor TIle, 12" x 12" Whlte w/ Black Specks
- Floor Materlal, Cementltlous**

ACM not shown:
Floor Tile and Mastic under Carpet
Adhesive behind Cove Base (Brown)
Rigid Pipe Insulation
Aircell Pipe Insulation
Pipe Fitting Insulation - All Systems
Cement Asbestos Board - Room 303 (Old Vent Hood)
Aircell Duct Insulation
Insulation Panel
Silver Paint - Roof
Drywall & Asbestos Containing Joint Compound

Note: Asbestos-containing second layer floor materials may present in areas not depicted on the diagrams.

** - This material contains a trace amount of asbestos

DATE: 7-10-08
DRN. BY: DKR
PAGE #: ACM - 1/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1620 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

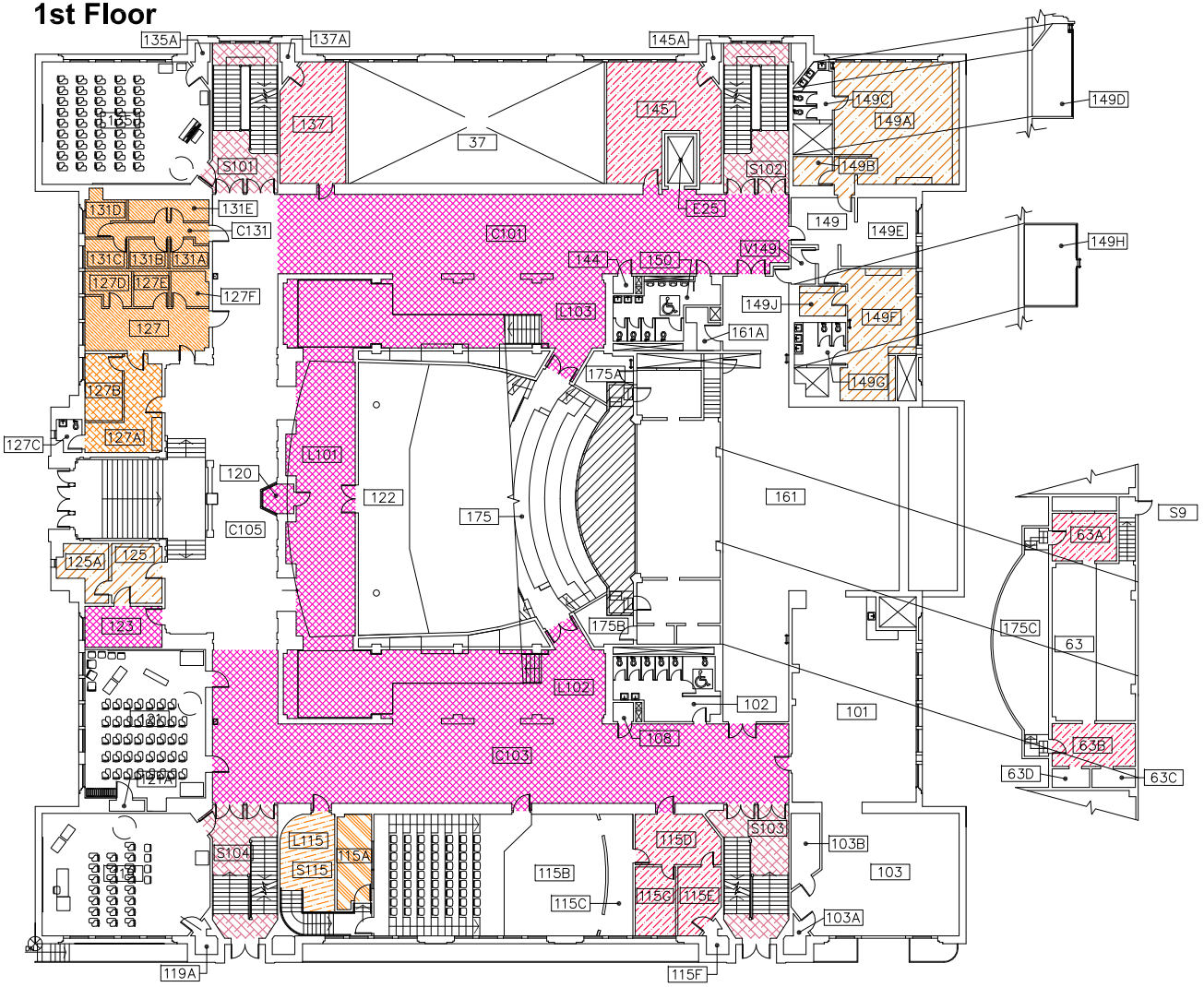
REVISIONS

Lincoln Hall
Basement
ACM Locations

Report North
No Scale

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595.1001
503/595.1006 fax
www.forensica.com

1st Floor



- Floor Tile, 9" x 9" Yellow w/ White, Brown and Red Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Black and White Specks
- Floor Tile, 9" x 9" Grey w/ Cream and Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Green w/ Off White Streaks, and Black Mastic
- Floor Tile, 9" x 9" Beige w/ Brown Streaks, and Black Mastic
- Floor Tile, 9" x 9" Off White w/ Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Medium Green Streaked
- Floor Tile, 12" x 12" Off White w/ Green Streaks, and Black Mastic
- Floor Tile, 9" x 9" Light Green w/ Blue Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Cream and Orange Streaks
- Floor Tile, 12" x 12" Tan w/ White and Brown Streaks, and Black Mastic
- Floor Tile, 12" x 12" Tan w/ White and Brown Specks, and Black Mastic
- Sheet Vinyl, Green Textured Pattern
- Floor Tile, 12" x 12" Light Green w/ Brown and White Streaks
- Floor Tile, 9" x 9" Cream w/ Dark Green Streaks
- Floor Tile, 9" x 9" Brown w/ Cream and Orange Streaks, and Black Mastic
- Floor Tile, 12" x 12" Off White w/ Grey/Green Streaks
- Floor Tile, 12" x 12" White w/ Black Specks
- Floor Material, Cementitious**

ACM not shown:
Floor Tile and Mastic under Carpet
Adhesive behind Cove Base (Brown)
Rigid Pipe Insulation
Aircell Pipe Insulation
Pipe Fitting Insulation - All Systems
Cement Asbestos Board - Room 303 (Old Vent Hood)
Aircell Duct Insulation
Insulation Panel
Silver Paint - Roof
Drywall & Asbestos Containing Joint Compound

Note: Asbestos-containing second layer floor materials may present in areas not depicted on the diagrams.

** - This material contains a trace amount of asbestos

DATE: 7-10-08
DRN. BY: DKR
PAGE #: ACM - 2/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

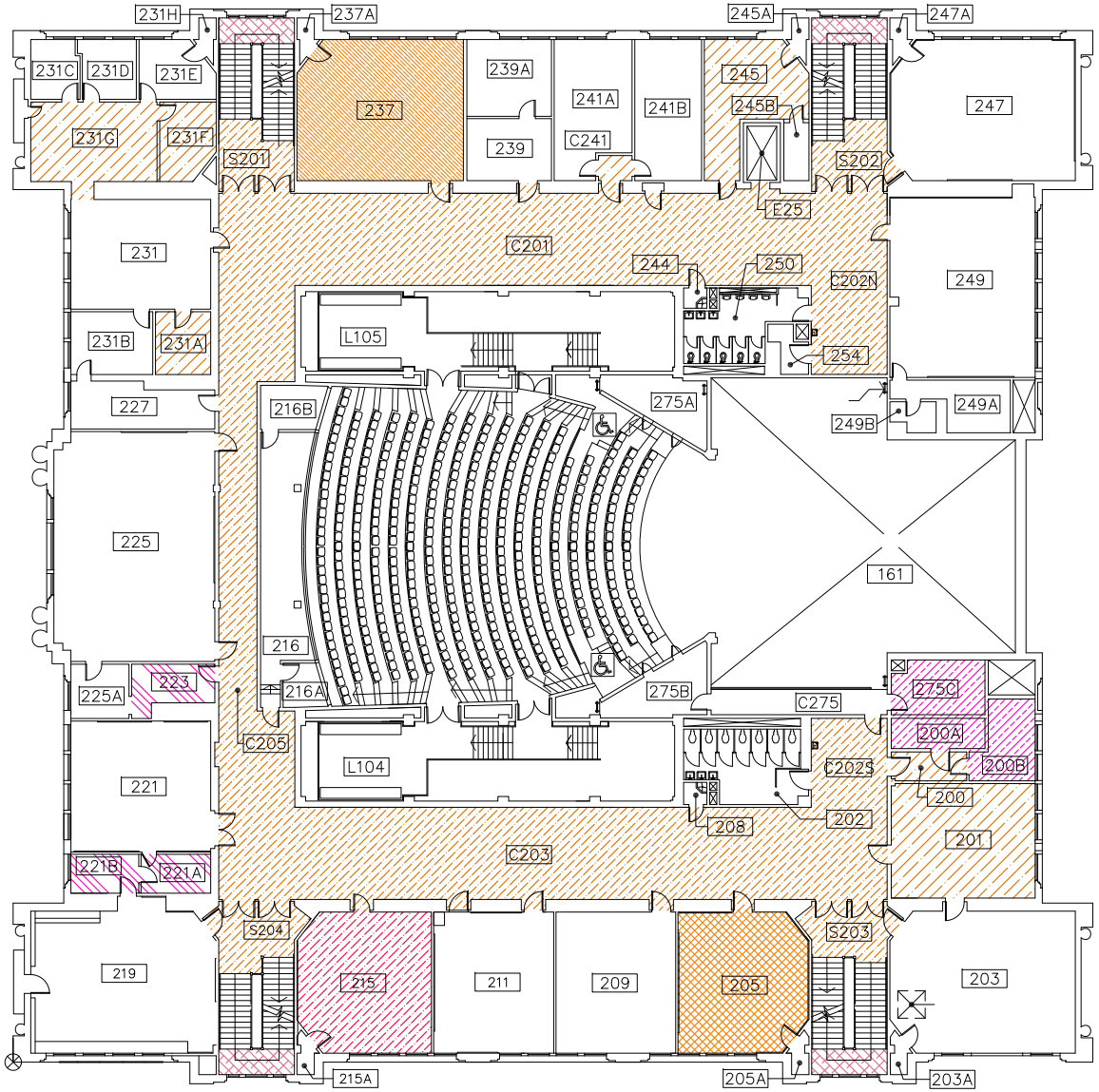
REVISIONS

Lincoln Hall
1st Floor
ACM Locations

Report North
No Scale

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595-1001
503/595-1006 fax
www.forensica.com

2nd Floor



- Floor Tile, 9" x 9" Yellow w/ White, Brown and Red Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Black and White Specks
- Floor Tile, 9" x 9" Grey w/ Cream and Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Green w/ Off White Streaks, and Black Mastic
- Floor Tile, 9" x 9" Beige w/ Brown Streaks, and Black Mastic
- Floor Tile, 9" x 9" Off White w/ Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Medium Green Streaked
- Floor Tile, 12" x 12" Off White w/ Green Streaks, and Black Mastic
- Floor Tile, 9" x 9" Light Green w/ Blue Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Cream and Orange Streaks
- Floor Tile, 12" x 12" Tan w/ White and Brown Streaks, and Black Mastic
- Floor Tile, 12" x 12" Tan w/ White and Brown Specks, and Black Mastic
- Sheet Vinyl, Green Textured Pattern
- Floor Tile, 12" x 12" Light Green w/ Brown and White Streaks
- Floor Tile, 9" x 9" Cream w/ Dark Green Streaks
- Floor Tile, 9" x 9" Brown w/ Cream and Orange Streaks, and Black Mastic
- Floor Tile, 12" x 12" Off White w/ Grey/Green Streaks
- Floor Tile, 12" x 12" White w/ Black Specks
- Floor Material, Cementitious**

ACM not shown:
Floor Tile and Mastic under Carpet
Adhesive behind Cove Base (Brown)
Rigid Pipe Insulation
Aircell Pipe Insulation
Pipe Fitting Insulation - All Systems
Cement Asbestos Board - Room 303 (Old Vent Hood)
Aircell Duct Insulation
Insulation Panel
Silver Paint - Roof
Drywall & Asbestos Containing Joint Compound

Note: Asbestos-containing second layer floor materials may present in areas not depicted on the diagrams.

** - This material contains a trace amount of asbestos

DATE: 7-10-08
DRN. BY: DKR
PAGE #: ACM - 3/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

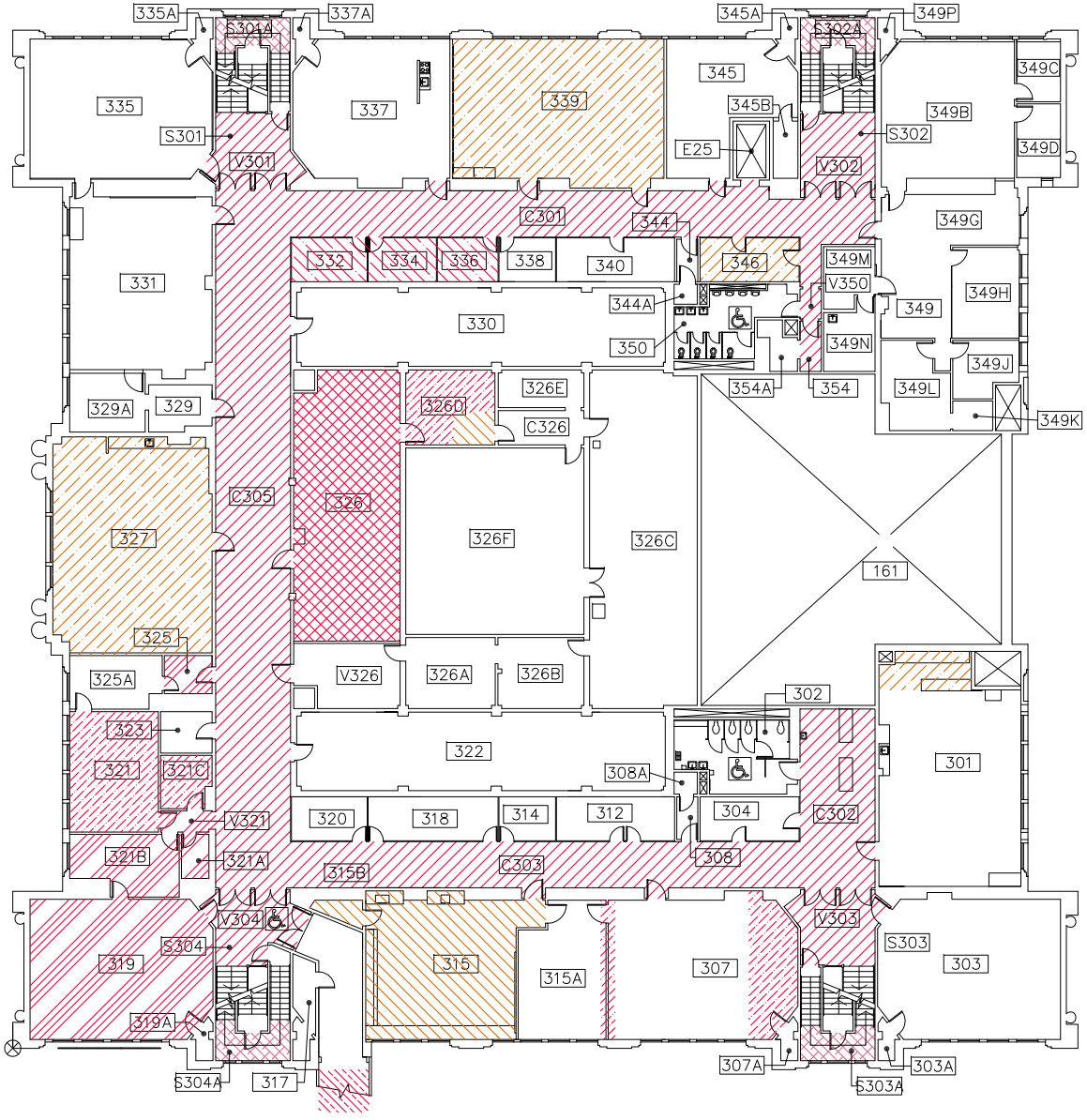
REVISIONS

Lincoln Hall
2nd Floor
ACM Locations

Report North
No Scale

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595-1001
503/595-1006 fax
www.forensica.com

3rd Floor



- Floor Tile, 9" x 9" Yellow w/ White, Brown and Red Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Black and White Specks
- Floor Tile, 9" x 9" Grey w/ Cream and Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Green w/ Off White Streaks, and Black Mastic
- Floor Tile, 9" x 9" Beige w/ Brown Streaks, and Black Mastic
- Floor Tile, 9" x 9" Off White w/ Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Medium Green Streaked
- Floor Tile, 12" x 12" Off White w/ Green Streaks, and Black Mastic
- Floor Tile, 9" x 9" Light Green w/ Blue Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Cream and Orange Streaks
- Floor Tile, 12" x 12" Tan w/ White and Brown Streaks, and Black Mastic
- Floor Tile, 12" x 12" Tan w/ White and Brown Specks, and Black Mastic
- Sheet Vinyl, Green Textured Pattern
- Floor Tile, 12" x 12" Light Green w/ Brown and White Streaks
- Floor Tile, 9" x 9" Cream w/ Dark Green Streaks
- Floor Tile, 9" x 9" Brown w/ Cream and Orange Streaks, and Black Mastic
- Floor Tile, 12" x 12" Off White w/ Grey/Green Streaks
- Floor Tile, 12" x 12" White w/ Black Specks
- Floor Material, Cementitious**

ACM not shown:
Floor Tile and Mastic under Carpet
Adhesive behind Cove Base (Brown)
Rigid Pipe Insulation
Aircell Pipe Insulation
Pipe Fitting Insulation - All Systems
Cement Asbestos Board - Room 303 (Old Vent Hood)
Aircell Duct Insulation
Insulation Panel
Silver Paint - Roof
Drywall & Asbestos Containing Joint Compound

Note: Asbestos-containing second layer floor materials may present in areas not depicted on the diagrams.

** - This material contains a trace amount of asbestos

DATE: 7-10-08
DRN. BY: DKR
PAGE #: ACM - 4/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

REVISIONS

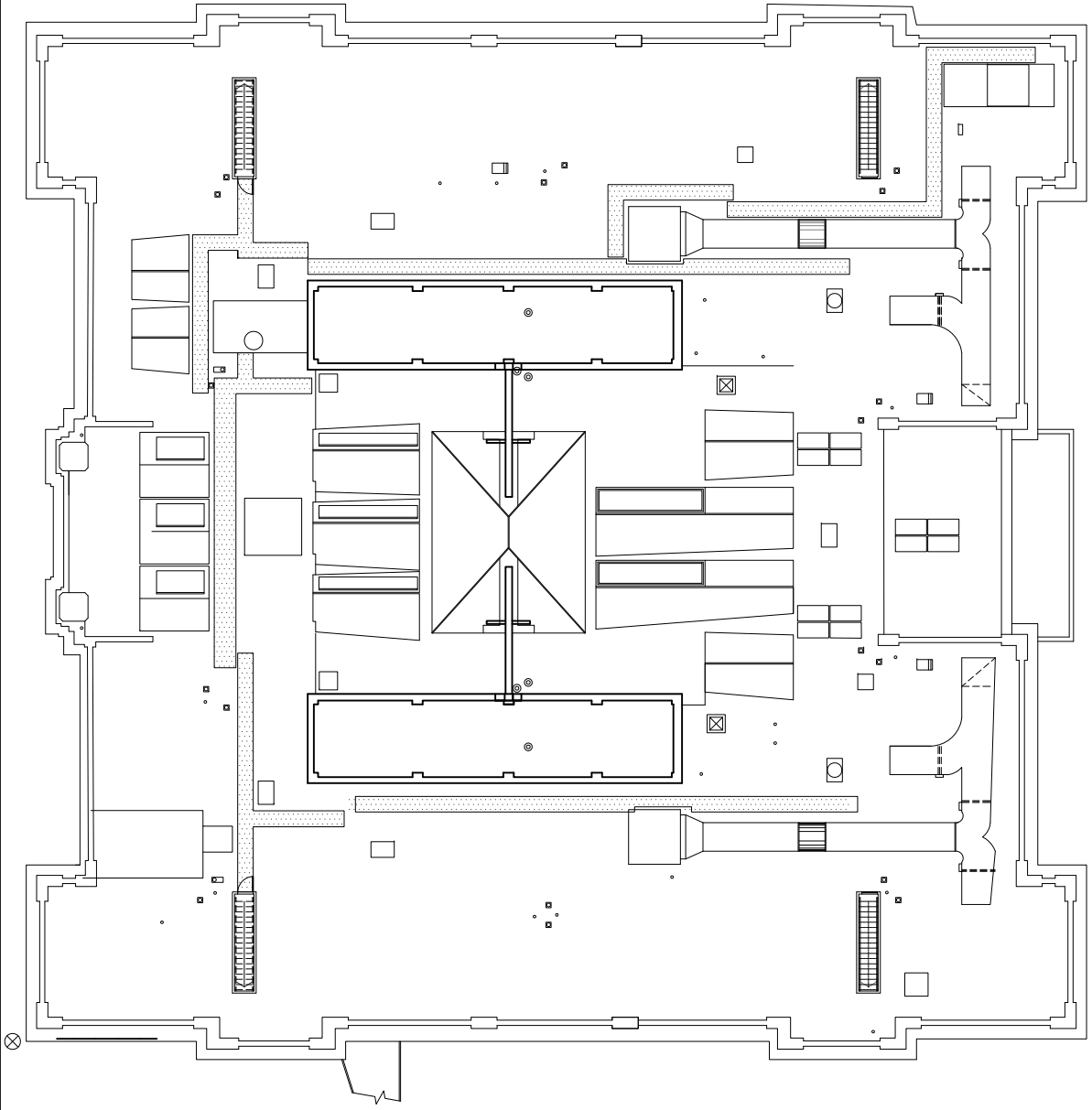
Lincoln Hall
3rd Floor
ACM Locations

Report North

No Scale

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595-1001
503/595-1006 fax
www.forensica.com

Roof Plan



- Floor Tile, 9" x 9" Yellow w/ White, Brown and Red Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Black and White Specks
- Floor Tile, 9" x 9" Grey w/ Cream and Black Streaks, and Black Mastic
- Floor Tile, 9" x 9" Green w/ Off White Streaks, and Black Mastic
- Floor Tile, 9" x9" Beige w/ Brown Streaks, and Black Mastic
- Floor Tile, 9" x9" Off White w/ Black Streaks, and Black Mastic
- Floor Tile, 9" x9" Medium Green Streaked
- Floor Tile, 12" x 12" Off White w/ Green Streaks, and Black Mastic
- Floor Tile, 9" x 9" Light Green w/ Blue Streaks, and Black Mastic
- Floor Tile, 9" x 9" Grey w/ Cream and Orange Streaks
- Floor Tile, 12" x 12" Tan w/ White and Brown Streaks, and Black Mastic
- Floor Tile, 12" x 12" Tan w/ White and Brown Specks, and Black Mastic
- Sheet Vinyl, Green Textured Pattern
- Floor Tile, 12" x 12" Light Green w/ Brown and White Streaks
- Floor Tile, 9" x 9" Cream w/ Dark Green Streaks
- Floor Tile, 9" x 9" Brown w/ Cream and Orange Streaks, and Black Mastic
- Floor Tile, 12" x 12" Off White w/ Grey/Green Streaks
- Floor Tile, 12" x 12" White w/ Black Specks
- Floor Material, Cementitious**

ACM not shown:
Floor Tile and Mastic under Carpet
Adhesive behind Cove Base (Brown)
Rigid Pipe Insulation
Aircell Pipe Insulation
Pipe Fitting Insulation - All Systems
Cement Asbestos Board - Room 303 (Old Vent Hood)
Aircell Duct Insulation
Insulation Panel
Silver Paint - Roof
Drywall & Asbestos Containing Joint Compound

Note: Asbestos-containing second layer floor materials may present in areas not depicted on the diagrams.

** - This material contains a trace amount of asbestos

DATE: 7-10-08
DRN. BY: DKR
PAGE #: ACM - 5/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

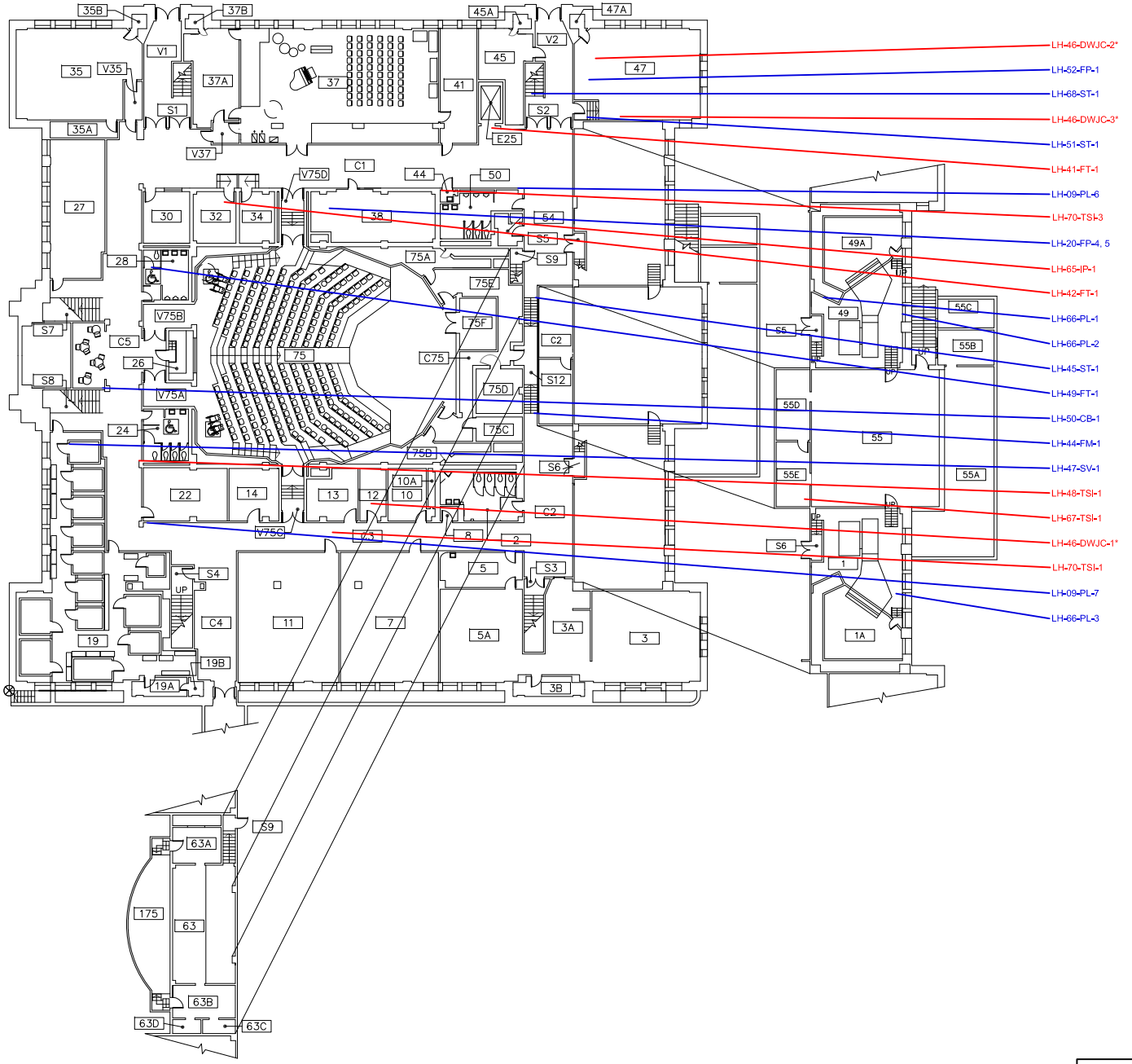
REVISIONS

Lincoln Hall
Roof Plan
ACM Locations

Report North
No Scale

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595-1001
503/595-1006 fax
www.forensica.com

Basement



* - This sample is part of a set in which one of the samples tested positive for asbestos.
** - This sample contained a trace amount of asbestos.

DATE: 6-20-08
DRN. BY: DKR
PAGE #: SAM - 1/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

REVISIONS

Lincoln Hall
Basement
Samples Locations

Report North
No Scale

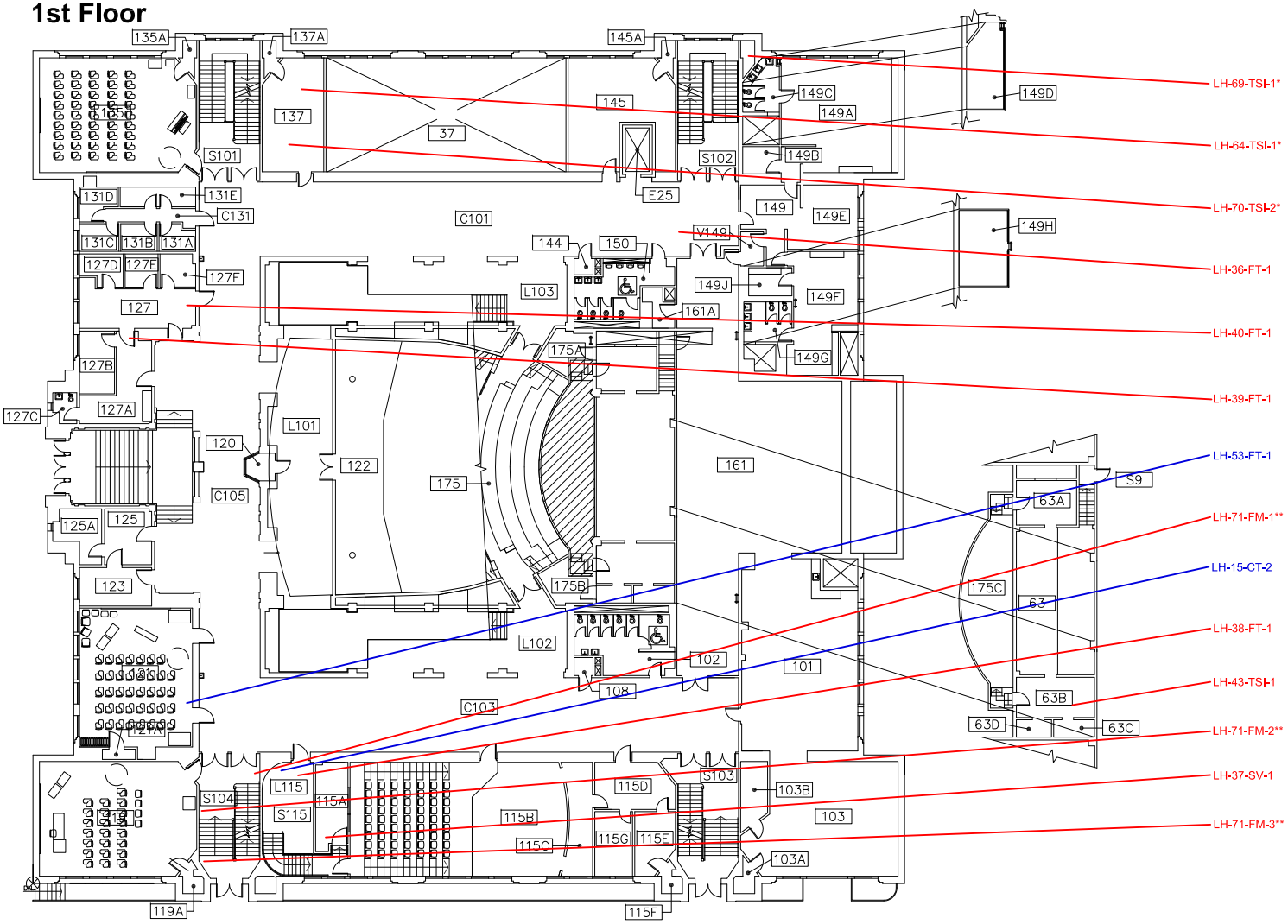
Sample ID # Key

PSU Provided Building Code
Homogeneous Material #
Material Code - Click for Details
Sample #
ACM Shown in Red
Non-ACM Shown in Blue

ABC-00-FT-1

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595-1001
503/595-1006 fax
www.forensica.com

1st Floor



* - This sample is part of a set in which one of the samples tested positive for asbestos.
** - This sample contained a trace amount of asbestos.

DATE: 6-20-08
DRN. BY: DKR
PAGE #: SAM - 2/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

REVISIONS

Lincoln Hall
1st Floor
Samples Locations

Report North
No Scale

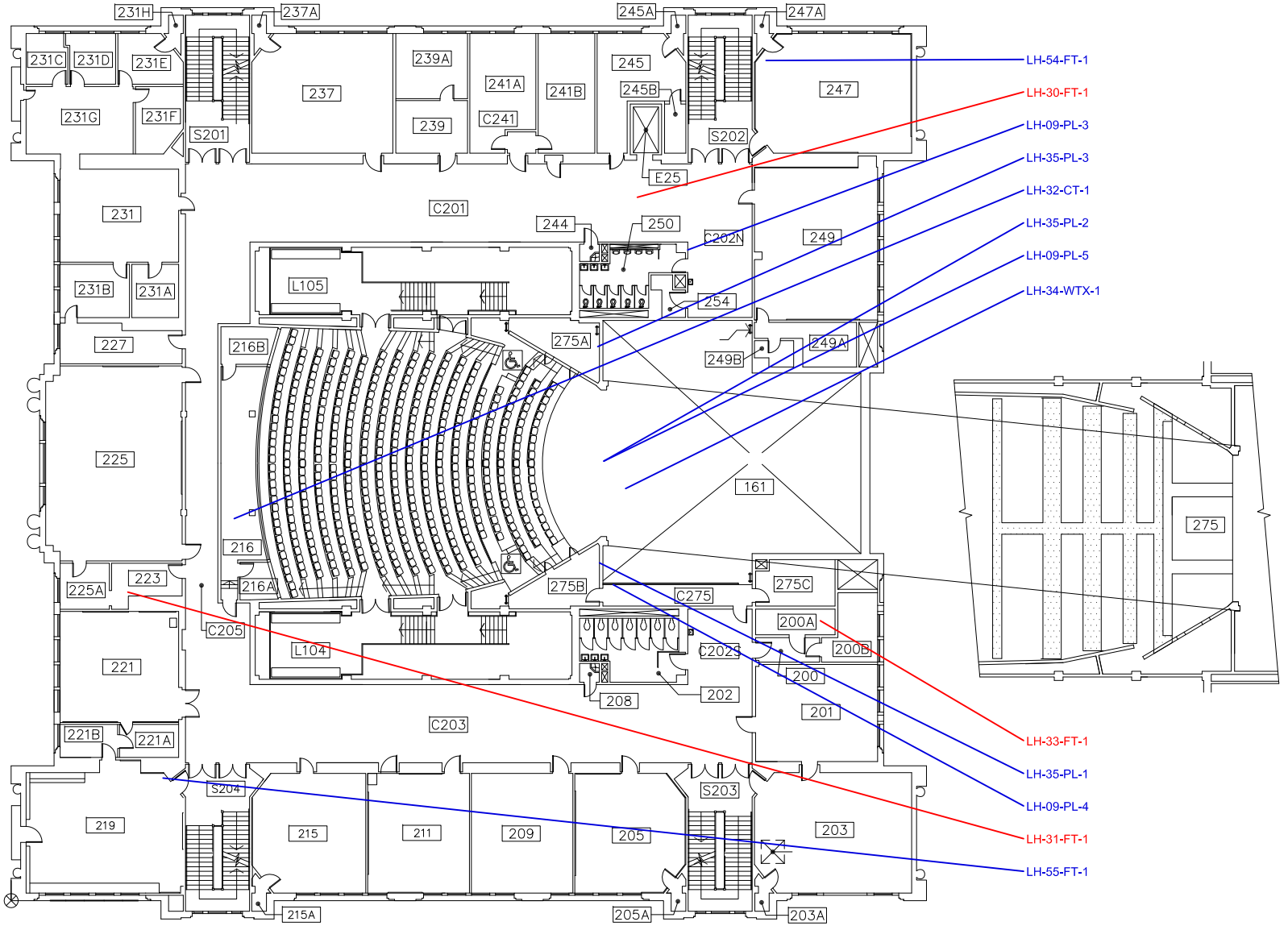
Sample ID # Key

PSU Provided Building Code
Homogeneous Material #
Material Code - Click for Details
Sample #
ACM Shown in Red
Non-ACM Shown in Blue

ABC-00-FT-1

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595.1001
503/595.1006 fax
www.forensica.com

2nd Floor



* - This sample is part of a set in which one of the samples tested positive for asbestos.
** - This sample contained a trace amount of asbestos.

DATE: 6-20-08
DRN. BY: DKR
PAGE #: SAM - 3/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

REVISIONS

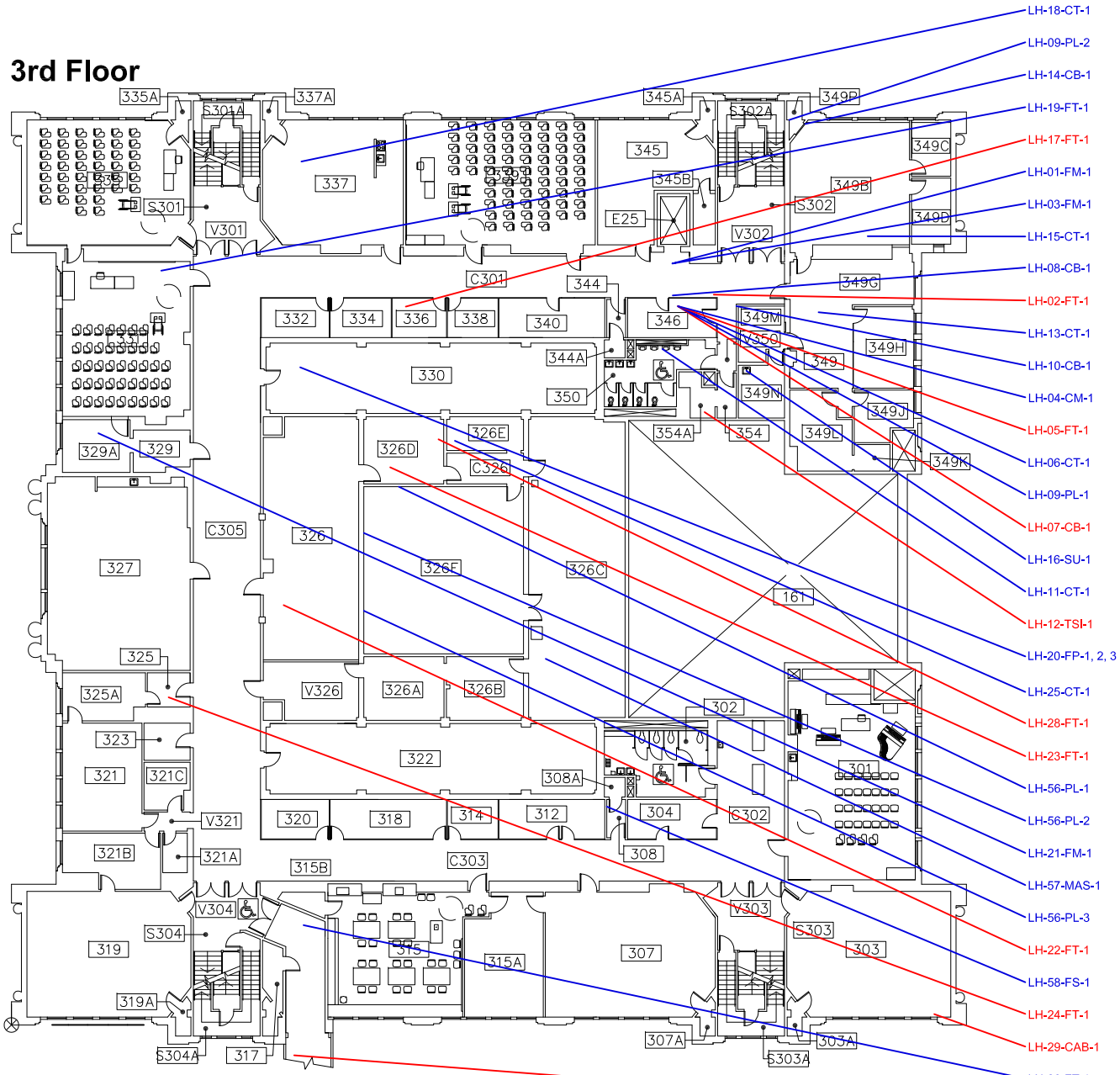
Lincoln Hall
2nd Floor
Samples Locations

Report North
No Scale

Sample ID # Key
PSU Provided Building Code
Homogeneous Material #
Material Code - Click for Details
Sample #
ACM Shown in Red
Non-ACM Shown in Blue
ABC-00-FT-1

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595.1001
503/595.1006 fax
www.forensica.com

3rd Floor



LH-18-CT-1
LH-09-PL-2
LH-14-CB-1
LH-19-FT-1
LH-17-FT-1
LH-01-FM-1
LH-03-FM-1
LH-15-CT-1
LH-08-CB-1
LH-02-FT-1
LH-13-CT-1
LH-10-CB-1
LH-04-CM-1
LH-05-FT-1
LH-06-CT-1
LH-09-PL-1
LH-07-CB-1
LH-16-SU-1
LH-11-CT-1
LH-12-TSI-1
LH-20-FP-1, 2, 3
LH-25-CT-1
LH-28-FT-1
LH-23-FT-1
LH-56-PL-1
LH-56-PL-2
LH-21-FM-1
LH-57-MAS-1
LH-56-PL-3
LH-22-FT-1
LH-58-FS-1
LH-24-FT-1
LH-29-CAB-1
LH-26-FT-1
LH-27-FT-1

Samples Not Shown:
LH-59-PL-1, 2, 3

* - This sample is part of a set in which one of the samples tested positive for asbestos.
** - This sample contained a trace amount of asbestos.

DATE: 6-20-08
DRN. BY: DKR
PAGE #: SAM - 4/5

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1600 SW Park Avenue Portland, Oregon 97201

PROJECT #: PJ4386

REVISIONS

Lincoln Hall
3rd Floor
Samples Locations

Report North
No Scale

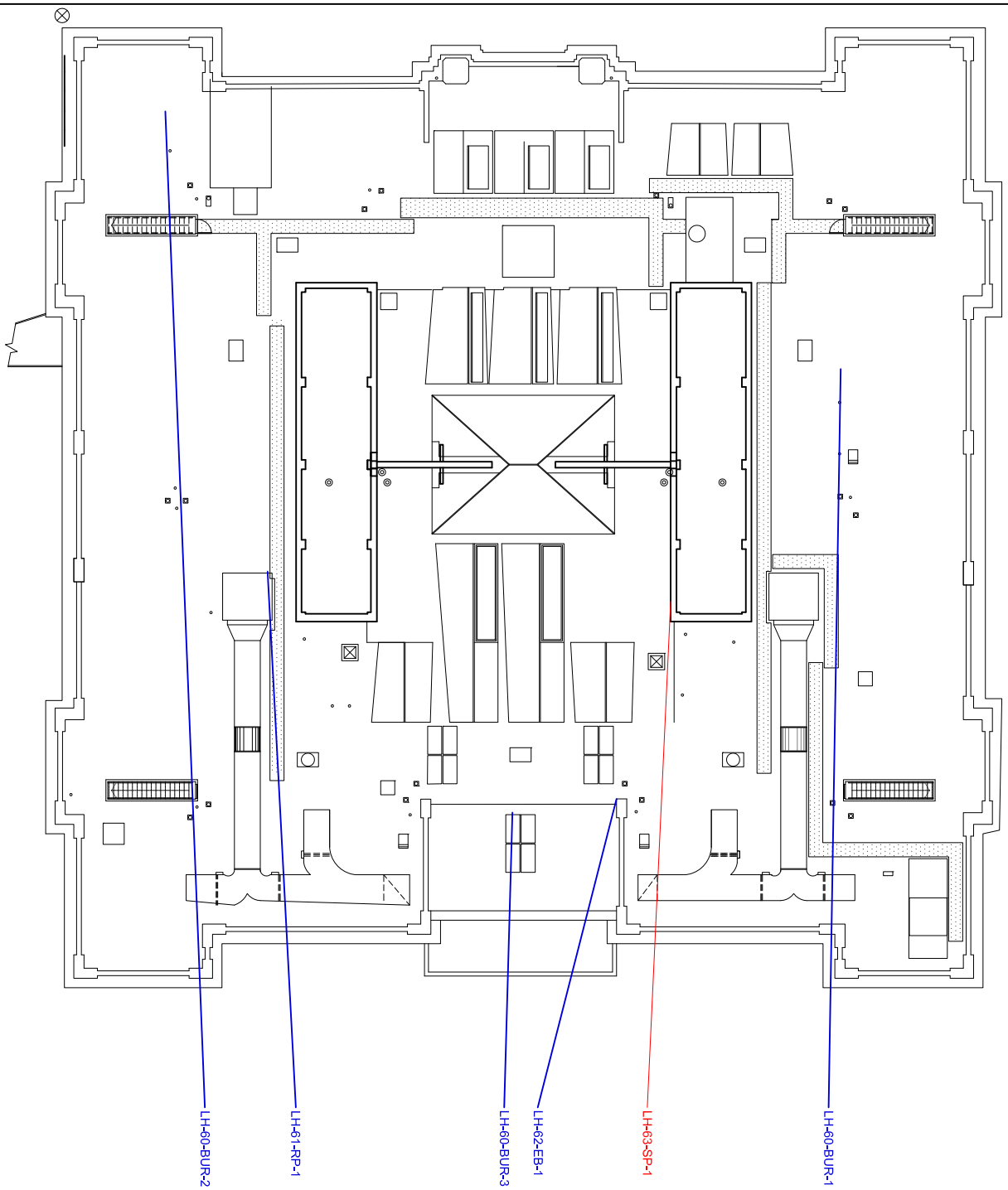
Sample ID # Key

PSU Provided Building Code
Homogeneous Material #
Material Code - Click for Details
Sample #
ACM Shown in Red
Non-ACM Shown in Blue

ABC-00-FT-1

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595.1001
503/595.1006 fax
www.forensica.com

Roof Plan



* - This sample is part of a set in which one of the samples tested positive for asbestos.
** - This sample contained a trace amount of asbestos.

Forensic Analytical
17400 SW Upper Boones Ferry Road, Suite 245
Portland, Oregon 97224
503/595.1001
503/595.1006 fax
www.forensica.com

Sample ID # Key

PSU Provided Building Code
Homogeneous Material #
Material Code - Click for Details
Sample #
ACM Shown in Red
Non-ACM Shown in Blue

ABC-00-FT-1

No Scale

Report North

Lincoln Hall
Roof Plan
Samples Locations

REVISIONS

CLIENT: PSU
PROJECT: Lincoln Hall
LOCATION: 1620 SW Park Avenue
Portland, Oregon 97201

PROJECT #: PJ4386

DATE: 6-20-08
DRN. BY: DKR
PAGE #: **SAM - 5/5**

APPENDIX C

LABORATORY ANALYSIS REPORTS
AND CHAIN OF CUSTODY RECORDS

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Forensic Analytical Consulting Svcs
Noal Kraft
17400 SW Upper Boones Ferry Rd
Suite 245
Durham, OR 97224

Client ID: PE21
Report Number: B113342
Date Received: 05/29/08
Date Analyzed: 06/03/08
Date Printed: 06/03/08
First Reported: 06/03/08

Job ID/Site: PJ4386; Kate Vance PSU - Lincoln Hall Facilities and Planning PO Box 751 Portland OR 97207
Date(s) Collected:

FASI Job ID: PE21
Total Samples Submitted: 92
Total Samples Analyzed: 90

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-01-FM-1	10760609						
Layer: Green Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-02-FT-1	10760610						
Layer: Yellow Tile		Chrysotile	**5 %**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
LH-03-FM-1	10760611						
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-04-CM-1	10760612						
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (Trace)		**Asbestos (ND)**					
LH-05-FT-1	10760613						
Layer: Off-White Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
LH-06-CT-1	10760614						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					
LH-07-CB-1	10760615						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Brown Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342
Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-08-CB-1	10760616						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Brown Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Wollastonite (Trace)		**Asbestos (ND)**					
LH-09-PL-1	10760617						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-09-PL-2	10760618						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-09-PL-3	10760619						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-09-PL-4	10760620						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-09-PL-5	10760621						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-09-PL-6	10760622						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-09-PL-7	10760623						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Client Name: Forensic Analytical Consulting Svcs

Report Number: B113342
Date Printed: 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-10-CB-1	10760624						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Brown Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-11-CT-1	10760625						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					
LH-12-TSI-1	10760626						
Layer: Off-White Semi-Fibrous Material		Chrysotile	**10 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %)		**Asbestos (10%)**					
LH-13-CT-1	10760627						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					
LH-14-CB-1	10760628						
Layer: Off-White Non-Fibrous Material			**ND**				
Layer: White Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-15-CT-1	10760629						
Layer: Beige Fibrous Tile			**ND**				
Layer: Paint			**ND**				
Layer: Brown Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (2 %) Fibrous Glass (90 %)		**Asbestos (ND)**					
LH-16-SU-1	10760630						
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (2 %)		**Asbestos (ND)**					
LH-17-FT-1	10760631						
Layer: Grey Tile		Chrysotile	**5 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342
Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-18-CT-1	10760632						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					
LH-19-CT-1	10760633						
Layer: Beige Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-20-FP-1	10760634						
Layer: Tan Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (10 %) Synthetic (10 %)		**Asbestos (ND)**					
LH-21-FM-1	10760635						
Layer: Brown Tile			**ND**				
Layer: Tan Woven Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-22-FT-1	10760636						
Layer: Grey Tile		Chrysotile	**5 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
LH-23-FT-1	10760637						
Layer: Green Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
LH-24-FT-1	10760638						
Layer: Beige Tile		Chrysotile	**5 %**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
LH-25-CT-1	10760639						
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Layer: Brown Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (95 %)		**Asbestos (ND)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Client Name: Forensic Analytical Consulting Svcs

Report Number: B113342
Date Printed: 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-26-FT-1	10760640						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-27-FT-1	10760641						
Layer: Grey Tile		Chrysotile	**5 %**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
LH-28-FT-1	10760642						
Layer: Green Tile		Chrysotile	**5 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
LH-29-CAB-1	10760643						
Layer: Tan/Grey Semi-Fibrous Material		Chrysotile	**20 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (20%)**					
LH-30-FT-1	10760644						
Layer: Green Tile		Chrysotile	**5 %**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
LH-31-FT-1	10760645						
Layer: Grey Tile		Chrysotile	**5 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (5%)**					
LH-32-CT-1	10760646						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					
LH-33-FT-1	10760647						
Layer: Tan Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
LH-34-WTX-1	10760648						
Layer: White Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %)		**Asbestos (ND)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342
Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-35-PL-1	10760649						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-35-PL-2	10760650						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-35-PL-3	10760651						
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-36-FT-1	10760652						
Layer: Beige Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**5 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
LH-37-SV-1	10760653						
Layer: Green Sheet Flooring			**ND**				
Layer: Fibrous Backing		Chrysotile	**70 %**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (25%)**					
LH-15-CT-2	10760654						
Layer: Beige Fibrous Tile			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (2 %) Fibrous Glass (90 %)		**Asbestos (ND)**					
LH-38-FT-1	10760655						
Layer: Tan Tile		Chrysotile	**2 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
LH-39-FT-1	10760656						
Layer: Green Tile		Chrysotile	**7 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (7%)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342
Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-40-FT-1	10760657						
Layer: Brown Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: **Asbestos (2%)**							
Cellulose (Trace)							
LH-41-FT-1	10760658						
Layer: Off-White Tile		Chrysotile	**7 %**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (7%)**							
Cellulose (Trace)							
LH-42-FT-1	10760659						
Layer: Off-White Tile		Chrysotile	**2 %**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (2%)**							
Cellulose (Trace)							
LH-20-FP-4	10760660						
Layer: Tan Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (ND)**							
Cellulose (15 %) Fibrous Glass (5 %) Synthetic (5 %)							
LH-20-FP-5	10760661						
Layer: Tan Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (ND)**							
Cellulose (15 %) Fibrous Glass (5 %) Synthetic (5 %)							
LH-43-TSI-1	10760662						
Layer: Grey Fibrous Material		Chrysotile	**90 %**				
Total Composite Values of Fibrous Components: **Asbestos (90%)**							
Cellulose (7 %)							
LH-44-FM-1	10760663						
Layer: Tan Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (ND)**							
Cellulose (Trace)							
LH-45-ST-1	10760664						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Off-White Mastic			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (ND)**							
Cellulose (Trace)							
LH-46-DWJC-1	10760665						
Layer: White Drywall			**ND**				
Layer: White Joint Compound		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (Trace)**							
Cellulose (20 %) Fibrous Glass (10 %)							

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342
Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-47-SV-1	10760666						
Layer: Yellow Sheet Flooring			**ND**				
Layer: Fibrous Backing			**ND**				
Total Composite Values of Fibrous Components: Cellulose (25 %) Synthetic (10 %)		**Asbestos (ND)**					
LH-48-TSI-1	10760667						
Layer: Grey Fibrous Material		Chrysotile	**80 %**				
Total Composite Values of Fibrous Components: Cellulose (15 %)		**Asbestos (80%)**					
LH-49-FT-1	10760668						
Layer: Beige Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-50-CB-1	10760669						
Layer: Brown Non-Fibrous Material			**ND**				
Layer: White Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-46-DWJC-2	10760670						
Comment: Sample not analyzed due to prior positive result in series.							
LH-46-DWJC-3	10760671						
Comment: Sample not analyzed due to prior positive result in series.							
LH-51-ST-1	10760672						
Layer: Tan Non-Fibrous Material			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-52-FP-1	10760673						
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (70 %) Synthetic (30 %)		**Asbestos (ND)**					
LH-53-FT-1	10760674						
Layer: Beige Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-54-FT-1	10760675						
Layer: Red Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Client Name: Forensic Analytical Consulting Svcs

Report Number: B113342
Date Printed: 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-55-FT-1	10760676						
Layer: Green Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-56-PL-1	10760677						
Layer: Light Grey Plaster			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-56-PL-2	10760678						
Layer: Light Grey Plaster			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-56-PL-3	10760679						
Layer: Light Grey Plaster			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-57-MAS-1	10760680						
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (2 %)		**Asbestos (ND)**					
LH-58-FS-1	10760681						
Layer: Red Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (15 %)		**Asbestos (ND)**					
LH-59-PL-1	10760682						
Layer: White Plaster			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-59-PL-2	10760683						
Layer: White Plaster			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-59-PL-3	10760684						
Layer: White Plaster			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-20-FP-2	10760685						
Layer: Tan Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (15 %) Synthetic (10 %)		**Asbestos (ND)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342
Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-20-FP-3	10760686						
Layer: Tan Semi-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (15 %) Synthetic (10 %)							
LH-60-BUR-1	10760687						
Layer: White Coating			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Light Yellow Foam			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (25 %) Fibrous Glass (25 %)							
Comment: Bulk complex sample.							
LH-60-BUR-2	10760688						
Layer: White Coating			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Light Yellow Foam			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (25 %) Fibrous Glass (25 %)							
Comment: Bulk complex sample.							
LH-60-BUR-3	10760689						
Layer: White Coating			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Light Yellow Foam			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (25 %) Fibrous Glass (25 %)							
Comment: Bulk complex sample.							
LH-61-RP-1	10760690						
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (15 %) Synthetic (10 %)							

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342
Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-62-EB-1	10760691						
Layer: Tan Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-63-SP-1	10760692						
Layer: Silver Paint		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
LH-64-TSI-1	10760693						
Layer: Beige Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (80 %) Synthetic (2 %)		**Asbestos (ND)**					
LH-65-IP-1	10760694						
Layer: White Semi-Fibrous Material		Amosite	**10 %**	Chrysotile	**10 %**		
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (20%)**					
LH-66-PL-1	10760695						
Layer: Off-White Plaster			**ND**				
Layer: Silver Coating			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-66-PL-2	10760696						
Layer: Off-White Plaster			**ND**				
Layer: Silver Coating			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-66-PL-3	10760697						
Layer: Off-White Plaster			**ND**				
Layer: Silver Coating			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-67-TSI-1	10760698						
Layer: Grey Fibrous Material		Chrysotile	**95 %**				
Total Composite Values of Fibrous Components: Cellulose (3 %)		**Asbestos (95%)**					
LH-68-ST-1	10760699						
Layer: Black Cementitious Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
LH-69-TSI-1	10760700						
Layer: Beige Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (80 %) Synthetic (2 %)		**Asbestos (ND)**					

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Report Number: B113342

Client Name: Forensic Analytical Consulting Svcs **Date Printed:** 06/03/08

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Forensic Analytical

Final Report

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Forensic Analytical Consulting Svcs
Noal Kraft
17400 SW Upper Boones Ferry Rd
Suite 245
Durham, OR 97224

Client ID: PE21
Report Number: B114075
Date Received: 06/19/08
Date Analyzed: 06/20/08
Date Printed: 06/20/08
First Reported: 06/20/08

Job ID/Site: PJ4386; Kate Vance PSU - Lincoln Hall Facilities and Planning PO Box 751 Portland OR 97207
Date(s) Collected: 06/18/2008

FASI Job ID: PE21
Total Samples Submitted: 3
Total Samples Analyzed: 3

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-70-TSI-1	10768295						
Layer: Off-White Semi-Fibrous Material		Chrysotile	**20 %**	Amosite	**10 %**		
Layer: Green Woven Material			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (29%)**							
Cellulose (Trace) Synthetic (5 %)							
LH-70-TSI-2	10768296						
Layer: Beige Semi-Fibrous Material			**ND**				
Layer: Off-White Woven Material			**ND**				
Total Composite Values of Fibrous Components: **Asbestos (ND)**							
Cellulose (Trace) Fibrous Glass (40 %) Synthetic (5 %)							
LH-70-TSI-3	10768297						
Layer: Off-White Semi-Fibrous Material		Chrysotile	**20 %**	Amosite	**10 %**		
Total Composite Values of Fibrous Components: **Asbestos (30%)**							
Cellulose (Trace) Synthetic (5 %)							

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Forensic Analytical

Final Report

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Forensic Analytical Consulting Svcs
Noal Kraft
17400 SW Upper Boones Ferry Rd
Suite 245
Durham, OR 97224

Client ID: PE21
Report Number: B114295
Date Received: 06/25/08
Date Analyzed: 06/30/08
Date Printed: 06/30/08
First Reported: 06/30/08

Job ID/Site: PJ4386; Kate Vance PSU - Lincoln Hall Facilities and Planning PO Box 751 Portland OR 97207
Date(s) Collected:

FASI Job ID: PE21
Total Samples Submitted: 3
Total Samples Analyzed: 3

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
LH-71-FM-1	10770470						
Layer: Grey Cementitious Material		Chrysotile	**Trace**				
Layer: Black Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (2 %)		**Asbestos (Trace)**					
LH-71-FM-2	10770471						
Layer: Grey Cementitious Material		Chrysotile	**Trace**				
Total Composite Values of Fibrous Components: Cellulose (2 %)		**Asbestos (Trace)**					
LH-71-FM-3	10770472						
Layer: Brown Cementitious Material		Chrysotile	**Trace**				
Total Composite Values of Fibrous Components: Cellulose (5 %)		**Asbestos (Trace)**					

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

Forensic Analytical

BULK SAMPLE REQUEST FORM

Client: **PE21 FACS Portland**
Portland State University

Sampled by: DKR PM: **Noal Kraft** Date: 5-20-08

Contact: **Noal Kraft** Phone: **(503) 595-1001**

Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com

Site: **PJ4386** **Kate Vance**
PSU - Lincoln Hall

Turnaround Time: 1-Day | 2-Day | 3-Day ✓ | 5-Day | Other | Due Date & Time:

Client No.: **C6013:6008** FACS Job#: **PJ4386**

Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other: Analyze bracketed sets to 1st positive

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-01-FM-1	FM, green cementitious	LH - C301			
02-FT-1	FT, 9x9, yellow w/ white, brown + red streaks (black)	C301			
03-FM-1	FM, grey cementitious	C301			
04-CM-1	CM, tan	346			
05-FT-1	FT, under carpet (black) 12x12, off-white w/ green streaks	346			
06-CT-1	CT, 2x4, random hole pattern	346			
07-CB-1	CB, 4", black (brown)	346			
08-CB-1	CB, 6", black	C301			
09-PL-1	Plaster, wall	346			
↓ 2	↓	↓ 349P			

WB - Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: ___ Fed Ex ___ Airborne ___ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature] *Date & Time:* 5-28-08

Received by: CW *Date & Time:* 5/29/08 1050 F

Condition Acceptable Yes No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 2 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-20-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-09-PL-3	Plaster	LH-C202N			
4		275C			
5		161-on catwalk photo 962			
6					
7					
10-CB-1	CB, 4", brown (brown)	V350			
11-CT-1	CT, 2x4, pinholes	350			
12-TSI-1	Rigid pipe insulation	354A			
13-CT-1	CT, 2x4, 2x2 pattern G/P	349			
14-CB-1	CB, 4", white (yellow)	349B			

WB - Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No — Good / Fair / Poor

Shipped via: ___ Fed Ex ~~Airborne~~ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature] *Date & Time:* 5-28-08

Received by: CW *Date & Time:* 5/29/08 1050 F Condition Acceptable Yes No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 3 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-20-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: PLM Standard / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-15-CT-1	CT, 12x12, glued-on, fissured (brown)	LH-349B			
16-~~SU~~-1	SU, black	349N			
17-FT-1	FT, 9x9, gray w/ black + white (black)	336			
18-CT-1	CT, 2x4, fissured/pinhole	337			
19-FT-1	FT, 12x12, white w/ brown small streaks (~~b~~tan)	331			
20-FP-1	Fireproofing, sprayed-on	330			
21-FM-1	FM, brown mermdium	329A			
22-FT-1	FT, 9x9, gray w/ cream + black streaks (black)	326			
23-FT-1	FT, 9x9, green w/ off-white streaks (black	326D			
24-FT-1	FT, 9x9, beige w/ brown streaks (black)	325			

of 5[

WB Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No — Good / Fair / Poor

Shipped via: ___ Fed Ex ___ Airborne ___ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature] *Date & Time:* 5-20-08

Received by: CW *Date & Time:* 5/21/08 1130

Condition Acceptable Yes No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 4 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-20-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-25-CT-1	CT, 12x12, glued on, pin-holes (brown)	LH-326E			
26-FT-1	FT, 16x16, brown rubber non-slip (yellow)	skybridge to cramer Hall			
27-FT-1	FT, 9x9, off-white w/ black streaks (black)	skybridge to cramer Hall			
28-FT-1	FT, 9x9, medium green streaked (black)	326D			
29-CAB-1	CAB	303			
30-FT-1	FT, 9x9, light green w/ blue streaks (black)	C201			
31-FT-1	~~FT, 2x4, small F/P~~ FT, 9x9, grey w/ cream & orange streaks (black)	223			
32-CT-1	CT, 2x4, small F/P	216			
33-FT-1	FT, tan w/ white & brown streaks	200A			
34-WTX-1	~~FA~~ Fibrous plaster wall text.	H01			

WB Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: Fed Ex / Airborne / UPS / US Mail / Courier / XXX Drop Off / Other:

Relinquished by: [signature] *Date & Time:* 5-28-08

Received by: CW *Date & Time:* 5/29/08 1030ET Condition Acceptable Yes No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 5 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-21-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: PLM Standard / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-35-PL-1	Plaster, decorative	LH-275B			
2		161			
3		275A			
36-FT-1	FT, 12x12, tan w/ white + brown specks (black)	C101			
37-SV-1	SV, green textured pattern	115A			
~~PS~~-CT-2	CT, 12x12, ~~green~~ fissured	L115			
38-FT-1	FT, 12x12, light green w/ brown + white streaks (black)	C103			
39-FT-1	FT, 9x9, cream w/ dark green streaks (black)	127A			
40-FT-1	FT, 9x9, brown w/ cream + orange streaks (black)	127			
41-FT-1	FT, 12x12, off-white w/ grey/ green streaks (black)	C1			

WB – Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: ___ Fed Ex ~~Airborne~~ ___ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other: ___

Relinquished by: [signature] *Date & Time:* 5-28-09

Received by: [signature] *Date & Time:* 5/29/08 1030 F Condition Acceptable Yes / No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 6 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-21-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: ~~PLM Standard~~ / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-42-FT-1	FT, 12x12, white w/ black specks (black)	LH- 32			
20-FP-4	Fireproofing sprayed on	34			
↓ 5	↓	38			
43-TSI-1	Air cell duct insulation	63B			
44-~~SHT~~-1	FM, tan w/ cream streaks	512-e			
45-ST-1	ST, black non slip.	512			
46-~~DWJC~~-1	DWJC	12			
47-SV-1	SV, yellow ~~patterned~~	19			
48-TSI-1	Air cell pipe insulation	C5			
49-FT-1	FT, 12x12, beige speckled (tan)	28			

WB Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: ___ Fed Ex ~~Airborne~~ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature]	*Received by:* CW
Date & Time: 5-28-08	*Date & Time:* 5/29/08 1030 Condition Acceptable Yes No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 7 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-21-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day √ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-50-CB-1	CB, 6½", brown (white)	LH- C5			
46-DWJC-2	DWJC	47			
46-DWJC-3	↓	47			
51-ST-1	ST, tan (yellow)	47			
52-FP-1	FP, sprayed-on	47			
53-FT-1	FT, 12x12, dark beige speckled	121			
54-FT-1	FT, 12x12, red speckled, (tan)	247			
55-FT-1	FT, 12x12, green speckled (tan)	219			
56-PL-1	Plaster block	326F			
↓ 2		↓ 326F			

WB – Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: ___ Fed Ex ___ Airborne ___ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature] *Date & Time:* 5-28-08

Received by: [signature] *Date & Time:* 5/29/08 1030F Condition Acceptable Yes No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 8 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-21-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-56-PL-3	Plasterblock	LH - 326F			
57-MAS-1	Mastic, black - exposed	326C			
58-FS-1	Firestopped	308			
59-PL-1	Plaster patching matl	attic above 3rd floor			
2	↓	↓			
3	↓	↓			
20-FP-2	Fireproofing, sprayed on	330			
3	↓	330			
60-BUR-1	BUR (single mem.)	roof - North			
2	↓	↓ SW			

WB Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: __ Fed Ex __ Airborne __ UPS __ US Mail __ Courier XXX Drop Off __ Other:

Relinquished by: [signature] *Date & Time:* 5-28-08

Received by: [signature] *Date & Time:* 5/29/08 1030 AM Condition Acceptable Yes / No

Forensic Analytical **BULK SAMPLE REQUEST FORM** Page 9 of 10

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-24-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
60-BUR-3	BUR (under rocks)	roof - E			
61-RP-1	RP + R	roof - S			
62-EB-1	Brick ext. ridged	roof E			
63-SP-1	Silver paint, roof parapit	roof - center			
64-TSI-1	Pipe fitting	137			
65-[illegible]-1	~~[illegible]~~ insulation panel	54			
66-PL-1	plaster, silver coated	49			
↓ 2	↓	55			
↓ 3	↓	1			
67-TSI-1	pipe insulation	SSE			21

WB - Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: ___ Fed Ex ___ Airborne ___ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature] *Date & Time:* 5-28-08

Received by: [signature] *Date & Time:* 5/29/08 1037 Condition Acceptable Yes / No

Forensic Analytical

BULK SAMPLE REQUEST FORM

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: DKR PM: **Noal Kraft** Date: 5-28-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day / 2-Day / 3-Day ✓ / 5-Day / Other / Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-68-ST-1	Stair-tread [redacted] black worn down	basement NE stairwell			
↓ 69-TSI-1	Pipe fitting	149C			

WB - Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Good / Fair / Poor

Shipped via: ___ Fed Ex ___ Airborne ___ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature] *Date & Time:* 5-28-08

Received by: [signature] *Date & Time:* 5/29/08 1030 Condition Acceptable Yes No

Forensic Analytical

BULK SAMPLE REQUEST FORM

Client: **PE21 FACS Portland**
Portland State University

Sampled by: RAS PM: **Noal Kraft** Date: 6-18-08

Contact: **Noal Kraft** Phone: **(503) 595-1001**

Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com

Site: **PJ4386** **Kate Vance**
PSU - Lincoln Hall

Turnaround Time:	1-Day	2-Day	3-Day	5-Day	Other	Due Date & Time:
	•		•			6-20-08 by noon

Client No.: **C6013:6008** FACS Job#: **PJ4386**

Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-70-TSI-1	Pipefitting	C3			
2	↓	137			
3		44			
			Friable Yes / No	Good / Fair / Poor	

WB - Wallboard JC - Joint Compound FT - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Shipped via: ___ Fed Ex ___ Airborne ___ UPS ___ US Mail ___ Courier XXX Drop Off ___ Other:

Relinquished by: [signature] *Date & Time:* 6-18-08

Received by: CR *Date & Time:* 6/19/08 1030

Condition Acceptable Yes No

Forensic Analytical

BULK SAMPLE REQUEST FORM

Client: **PE21 FACS Portland** **Portland State University**	Sampled by: BKR PM: **Noal Kraft** Date: 6-24-08
Contact: **Noal Kraft** Phone: **(503) 595-1001**	Special Instructions: E-mail results to NKraft@forensica.com and rtracy@forensica.com
Site: **PJ4386** **Kate Vance** **PSU - Lincoln Hall**	Turnaround Time: 1-Day 2-Day 3-Day ✓ 5-Day Other Due Date & Time:
Client No.: **C6013:6008** FACS Job#: **PJ4386**	Analysis: (PLM Standard) / Point Count / Flame AA (Pb) / Other:

Sample Number	Material Description	Sample Location	Friable	Cond.	Quantity
LH-71-FM-1	FTM, cementitious, coveBase	S104			
2		S104 upper straight wall landing			
3		S104 lower straight wall landing			

WB - Wallboard JC - Joint Compound FF - Floor Tile FTM - Floor Tile Mastic BBM - Baseboard Mastic
RSF - Resilient Sheet Flooring CT - Ceiling Tile SAAM - Spray-Applied Acoustical Material WT - Wall Texture

Friable Yes / No Cond. Good / Fair / Poor

Shipped via: __ Fed Ex __ Airborne __ UPS __ US Mail __ Courier XXX Drop Off __ Other:

Relinquished by:	*Received by:* BP
Date & Time: 6-24-08	*Date & Time:* 6/25/8 1030AM (F)
	Condition Acceptable Yes No

APPENDIX D

GLOSSARY OF TERMS

GLOSSARY OF TERMS

ACM - Asbestos-containing material: Any material containing more than one percent asbestos. This includes suspect and/or presumed ACM.

AHERA: Asbestos Hazard Emergency Response Act of 1986.

AHERA Building Inspector: A person who has successfully completed the training requirements for a building inspector established by EPA Asbestos Model Accreditation Plan; Interim Final Rule (40 CFR Part 763, Appendix C to Subpart E, I.B.3) and whose certification is current.

AHERA Project Designer: A person who has successfully completed the training requirements for an asbestos abatement project designer established by EPA regulations (40 CFR 763.90(g)) and whose certification is current.

Asbestos: Chrysotile, amosite, crocidolite, tremolite, anthophyllite, actinolite and any of these minerals that have been chemically treated and/or altered.

Asbestos Building Inspection: A written report describing an inspection using the procedures contained in EPA regulations (40 CFR 763,86) to determine whether materials or structures to be worked on, renovated, removed, or demolished (including materials on the outside of structures) contain asbestos.

Authorized Person: Any person authorized by the employer and required by work duties to be present in regulated areas.

Chain of Custody Record: Legal documentation that follows samples from collection to the laboratory indicating who has been in possession of the samples.

Competent Person: A person capable of identifying asbestos hazards, selecting appropriate control strategies and having the authority to take prompt corrective measures. Additionally, for Class I and Class II work, one who is specially trained in a training course meeting the criteria of EPA's Model Accreditation Plan (40 CFR 763) for project designer or supervisor, or its equivalent and, for Class II work, who is trained in an operations and Maintenance O & M Course developed by EPA (40 CFR 76392 (a) (2)).

Contractor: The asbestos abatement contractor.

EPA: United States Environmental Protection Agency

Friable: Asbestos-containing material that can be crumbled, pulverized or reduced to powder when dry, by hand pressure.

HEPA - High-Efficiency Particulate Air (Filter): A filter capable of trapping and retaining at least 99.97 percent of all mono-dispersed particles of 0.3 micrometers in diameter.

Intact: ACM that has not crumbled, been pulverized, or otherwise deteriorated so that its no longer likely to be bound within its matrix.

LF: Linear feet

NESHAPs: National Emission Standard for Hazardous Air Pollutants, 40 CFR part 61.

NVLAP: National Voluntary Laboratory Accreditation Program

OSHA: United States Department of Labor - Occupational Safety and Health Administration.

Owner: The legal entity, including a lessee, which exercises control over management and record keeping functions relating to a building and/or facility in which the abatement activities described in this document take place.

Owners Representative: A person authorized by the Owner to act on the Owners behalf.

PLM: Polarized Light Microscopy

PACM - Presumed Asbestos Containing Material: Thermal system insulation and surfacing material found in buildings constructed no later than 1980. The designation of a material as PACM may be rebutted through PLM analysis of samples obtained by certified inspectors.

Removal: All operations where ACM and/or PACM is taken out or stripped from structures or substrate, and includes demolition operations.

Sq. Ft.: Square feet

Surfacing Material: Material that is sprayed, troweled-on or otherwise applied to surfaces.

Suspect ACBM: Material that is suspected of containing asbestos that has not been sampled and analyzed for asbestos content.

TSI - Thermal System Insulation: ACM applied to pipes, fittings, boilers, breaching, tanks, ducts or other structural components to prevent heat loss or gain.

APPENDIX E

ACCREDITATION

Certificate of Completion

This is to certify that

Dan K. Rouse

has satisfactorily completed
4 hours of refresher training as an

Asbestos Building Inspector

to comply with the training requirements of
TSCA Title II / 40 CFR 763 (AHERA)

Certificate Number: 1029792

Instructor

EPA Provider Cert. Number: 1085

ARGUS PACIFIC
TRAINING • CONSULTING

Jun 18, 2008
Date(s) of Training

Exam Score: NA

Expiration Date: Jun 18, 2009

Argus Pacific, Inc. • 1900 W. Nickerson, Suite 315 • Seattle, Washington • 98119 • (206) 285.3373 • fax (206) 285.3927

Certificate of Completion

This is to certify that

Noal C. Kraft

has satisfactorily completed
4 hours of refresher training as an

Asbestos Building Inspector

to comply with the training requirements of
TSCA Title II / 40 CFR 763 (AHERA)

Certificate Number: 10267132

Instructor

EPA Provider Cert. Number: 1085

ARGUS PACIFIC
TRAINING • CONSULTING

Jul 18, 2007
Date(s) of Training

Exam Score: NA

Expiration Date: Jul 17, 2008

Argus Pacific, Inc. • 1900 W. Nickerson, Suite 315 • Seattle, Washington • 98119 • (206) 285.3373 • fax (206) 285.3927

Certificate of Completion

This is to certify that

Robin Sharpe

has attended and successfully completed the requisite training for
accreditation under TSCA Title II, Part 763, Subpart E, Appendix C of 40 CFR
EPA AHERA (Asbestos Hazard Emergency Response Act),
and ASHARA Model Accreditation Program requirements for
AHERA INSPECTOR REFRESHER
as presented by
Bureau Veritas North America, Inc.

Allen George
INSTRUCTOR

Course Date: **04/29/08**
Certification # **08-1061**
Certificate Expiration Date: **04/29/09**

BUREAU VERITAS 1828
BUREAU VERITAS

3800 NE Sandy Boulevard, Suite 101, Portland, Oregon 97232 • (971) 244-1200 • fax (971) 244-1209