ADDENDUM 1 – BID# 41357

DEMOLISH & REMOVAL OF OIL TANK – BUILDING 31

RHODE ISLAND COLLEGE

7/20/16

Q & A:

Q: What is the depth of the basement for the purposes of backfill?

A: 8 feet deep.

Q: The Scope of work states " any and all areas impacted by this work effort be returned to the same or better condition at completion" however during the pre-bid meeting it was said the area was simply to be brought to grade, and there was no need to loam and seed the area. Please clarify.

A: Foundation will be pulled and demolished; contractor will back fill with onsite material.

Q: Has/will RIC terminate any water, sewer, gas or electrical service or is that the responsibility of the contractor? (permits etc)

A: This is the responsibility of Rhode Island College.

Q: Is there asbestos in the bathrooms on the 2nd and 3rd floor of the house?

A: No, these two bathrooms tested negative.

Q: Can the foundation be broken per code and buried on site?

A: Yes.

Q: Was the roof shingles tested for asbestos?

A: Yes, the roof shingles tested negative.

Abatement Plan.

Pre-Bid Sign In Sheet.

R.I. ANALYTICAL
Specialists in Environmental Services

June 23, 2015

Rhode Island College
Facilities & Operations
Attn: Ms. Julie Teixeira
600 Mount Pleasant Avenue
Providence, RI 02908

Re: Asbestos Bulk Sampling Results – Rhode Island College – Building 31

Dear Ms. Teixeira,

On June 17th, 2015 RI Analytical Laboratories (RIAL) conducted a pre-demolition asbestos survey of the Building 31 (The Alumni House) on the campus of Rhode Island College. The inspection consisted of asbestos sampling and evaluation by a RI Licensed asbestos inspector.

ASBESTOS REPORT

Introduction:

Outlined on the following pages you will find a summary of suspect and confirmed asbestos containing building materials observed by RIAL personnel during the survey. The inspection survey was limited to materials that may be impacted during the renovation of the building. The survey included inspection for suspect ACBM, potential locations of ACBM, touching all suspected accessible ACBM to determine its condition and friability, identifying all homogenous accessible ACBM, collecting bulk material samples of suspect accessible ACBM within the areas, and outlining any remedial action.

Sixty five (65) different suspect asbestos containing building material samples were collected during the inspection. Once collected, bulk material samples were submitted to our certified, in-house laboratory for analysis. The samples were analyzed for the presence, content, and type of asbestos in accordance with the EPA 600/R-93/116 analytical method. Refer to **Attachment 1** for the actual analytical results.

Results of Inspection:

The information within this report describes general information regarding the location, type of material, and physical condition of the asbestos-containing building materials, as well as the general testing results regarding the suspect asbestos-containing building materials within the building. Refer to **Attachment 1** for the actual analytical results.

On the following pages are descriptions of locations, quantities, and results of the Asbestos Bulk Samples collected during the survey.

RIC Building 31 WO#1506-12631

Sample #	Description	Location	Quantity	% Asbestos
01	Flue Packing	Basement Chimney	NA	Not Detected
02	Boiler Gun Gasket	Boiler	NA	Not Detected
03	Boiler Rib Gasket	Boiler	NA	Not Detected
04	Fire Block Under Boiler	Boiler	NA	Not Detected
05A-C	Hard Concrete	Basement Walls and Floor	NA	Not Detected
06	Red Stair Tread	Stairs to Basement	NA	Not Detected
07	Adhesive to 06	Stairs to Basement	NA	Not Detected
08	Felt Paper under 07	Stairs to Basement	NA	Not Detected
09	Black Covebase with Adhesive	Kitchen	NA	Not Detected
11	Wood Panel Adhesive	Kitchen	NA	Not Detected
12	White 12x12 Floor Tile	Kitchen	NA	Not Detected
13	Mastic to 12	Kitchen	NA	Not Detected
14	*Black Felt Paper Under 13*	*Kitchen*	*~225 sf*	*Trace*
15	**White and Gold Linoleum Under Sink**	**Kitchen in Cabinets Under Sink**	**~5 sf**	**5-15% Chrysotile**
16A-B	4x4 Patterned Linoleum	Kitchen in Cabinets and 3rd Floor	NA	Not Detected
17	Tan 12x12 Floor Tile	Bathroom 1st Floor	NA	Not Detected
18	Adhesive to 17	Bathroom 1st Floor	NA	Not Detected
19	Tan Covebase with Adhesive	Bathroom 1st Floor	NA	Not Detected
20A-E	Skim Coat Plaster Wall	Walls on the 1st, 2nd, and 3rd Floor	NA	Not Detected

21A-E	**Base Coat Plaster Wall**	**Walls on the 1st, 2nd, and 3rd Floors**	**~7,800 sf**	**1-5% Chrysotile**
22A-C	Drywall Behind Plaster	Kitchen, 1st Floor Office, 1st Floor Bathroom, Room 7 and Room 8	NA	Not Detected
23A-E	Skim Coat Plaster Ceiling	Ceiling on the 1st, 2nd, and 3rd Floors	NA	Not Detected
24A-E	Base Coat Plaster Ceiling	Ceiling on the 1st, 2nd, and 3rd Floors	NA	Not Detected
25	**Pebbled Linoleum Under Carpet**	**1st Floor Back Entry Way, Shelving in Room 6**	**~70 sf**	**5-15% Chrysotile**
26	**Mastic to 25**	**1st Floor Back Entry Way**		**5-15% Chrysotile**
27	**Felt Paper Under 26**	**1st Floor Back Entry Way**		**<1% Chrysotile**
28A-C	Rosin Paper Under Hardwood Floors	1st and 2nd Floors	NA	Not Detected
29	Ceramic Wall Adhesive	Room 6, Second Floor Bathroom	NA	Not Detected
30	Grid Paper Under Square Patterned Tile	Room 6	NA	Not Detected
31	Residual Stair Tread Adhesive	Under Rubber Stair Tread on Back Stairs	NA	Not Detected
32	Green Stair Tread	Stairs to 3rd Floor	NA	Not Detected
33A-C	Asphalt Shingle	Roof	NA	Not Detected
34A-C	Tar Paper Under Asphalt Shingle	Roof	NA	Not Detected
35A-C	**Black Sealer**	**Roof**	**~60 sf**	**5-15% Chrysotile**
36A-B	Felt Paper Under Wood Siding	Exterior Siding	NA	Not Detected

Conclusions/Recommendations for Asbestos Control

The EPA and the RI Department of Health define asbestos containing material as any material with an asbestos content of greater than one percent.

Since the amount of asbestos containing material to be impacted by the upcoming renovation and demolition is greater than 25 square feet or 10 linear feet, an asbestos abatement plan needs to be submitted to the RI Department of Health and removal needs to be performed by a licensed asbestos abatement contractor.

Once the abatement plan is approved, the RIDOH requires the RI Licensed asbestos contractor to notify with the appropriate information. Each approved RI Asbestos Abatement Plan is in effect for 1-year from the approval date. Any approved plan that the work has not started will be void after 6 months and need to be re-submitted.

Asbestos containing base coat plaster has been identified in all of the walls of this building. The white and gold linoleum under the sink in the kitchen is positive. The pebbled linoleum and mastic located in the back entry way and the shelves on the second floor have tested positive for asbestos. While the felt paper under the linoleum has tested <1% for asbestos, it will be contaminated with the residual mastic and should be treated as and disposed of as asbestos containing waste. All black sealers on the roof flashing are asbestos containing. Any materials which the black sealer is adhered to (i.e. leaded copper flashing, shingles, or tarpaper) should be disposed of and treated as asbestos containing waste. Refer to **Attachment 2** for the locations and **Attachment 3** for photographs of positive material.

The black felt paper under the floor tile in the kitchen has tested trace for asbestos. While the materials that test trace are not defined as asbestos containing materials, OSHA dictates that trades impacting these materials must wear appropriate Personal Protective Equipment (PPE) while performing work. RIAL recommends having this material removed by a licensed asbestos abatement contractor. Waste generated from material testing trace can be disposed of as general C&D provided that no other hazards exist in the waste stream. It is recommended, but not required that materials yielding a trace asbestos results be submitted for Transmission Electron Microscopy (TEM). TEM analysis will only be performed by request. Note that the results of samples submitted for TEM analysis have the potential to increase the quantities of regulated materials at the site.

No asbestos containing thermal systems insulation was observed during this survey. All thermal systems insulation observed was fiberglass. All window and door caulk observed during this survey was a silicone based caulking.

Any other suspect materials not sampled during this inspection should be tested for asbestos content or assumed positive and removed by a licensed asbestos abatement contractor prior to demolition.

Please note that there is a potential for an increase in quantities and addition materials that may be concealed behind walls, under floors, etc. The quantities provided are merely estimated based upon RIAL's inspector's observations at the time of the survey. **The abatement contractor shall verify all quantities.**

Limitations

All observations documented in this report were made under the conditions existing at the time of this investigation.

Limiting factors include accessibility, visibility, scope of work, and safety. Sampling was not performed on building components that would impact structural, mechanical, or electrical systems.

All efforts were made to identify all hidden and concealed suspect asbestos containing materials. It is the contractor's responsibility to verify all quantities. RIAL cannot be held responsible for the identification of ACBM and additional hazardous materials, which may be enclosed behind in accessible locations.

This evaluation does not document compliance by present or past site owners with federal, state, or local laws and regulations, nor does it claim or imply that all asbestos containing materials past, present, potential, or otherwise, have been detected at the referenced site.

Should changes from existing conditions occur warranting chemical analysis, they should be brought to the attention of RI Analytical.

Please note that there is a potential for the presence of additional materials not identified in this report that may be concealed.

If there are any questions, or if we may be of further assistance, please contact our office at 401-737-8500.

Sincerely,
RI Analytical Laboratories

Andrew Perreault
Environmental Consultant
RI Lic # AAC-0914

Attachment 1

Asbestos Bulk Sample Results

R.I. ANALYTICAL
Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Andrew Perreault
41 Illinois Avenue
Warwick, RI 02888

Date Received: 6/17/2015
Date Reported: 6/22/2015
Work Order #: 1506-12631

Site Location:PROJECT# 150290 RIC BUILDING 31 BULK SAMPLES

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA 600/R-93/116, July 1993 edition and EPA 600/M4-82-020, December 1982.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

The samples submitted for analysis were accepted by R.I. Analytical unless otherwise noted in the report.

Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Elizabeth V. Hyslop
Asbestos Signatory

Shawn Bates
Data Reporting

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 6/17/2015
Work Order #: 1506-12631
Site Location:PROJECT# 150290 RIC BUILDING 31 BULK SAMPLES

METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
001	01 FLUE PACKING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Other	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
002	02 BOILER GUN GASKET	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
003	03 BOILER RIB GASKET	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
004	04 FIRE BLOCK UNDER BOILER	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
005	05A HARD CONCRETE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
006	05B HARD CONCRETE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 6/17/2015
Work Order #: 1506-12631
Site Location:PROJECT# 150290 RIC BUILDING 31 BULK SAMPLES

METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
007	05C HARD CONCRETE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
008	06 STAIR TREAD TO BASEMENT	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Red		6/22/2015	EVH
009	07 ADHESIVE TO 06	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Brown		6/22/2015	EVH
010	08 FELT PAPER UNDER 07	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
011	09 BLACK COVEBASE W/ ADHESIVE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
012	11 WALL PANEL ADHESIVE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Yellow		6/22/2015	EVH

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METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
013	12 WHITE 12x12 FLOOR TILE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH
014	13 MASTIC TO 12	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Brown		6/22/2015	EVH
015	14 BLACK FELT PAPER UNDER 13	PLM Fiber Analysis				
		Asbestos	Detected		6/22/2015	EVH
		Chrysotile	TRACE	%	6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
016	15 WHITE AND GOLD LINO UNDER SINK	PLM Fiber Analysis				
		Asbestos	Detected		6/22/2015	EVH
		Chrysotile	5-15	%	6/22/2015	EVH
		Non-fibrous	85-95	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH
017	16A 4x4 PATTERNED LINO	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Multicolor		6/22/2015	EVH

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METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
018	16B 4x4 PATTERNED LINO	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Multicolor		6/22/2015	EVH
019	17 TAN 12x12 FLOOR TILE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Tan		6/22/2015	EVH
020	18 ADHESIVE TO 17	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Yellow		6/22/2015	EVH
021	19 TAN COVEBASE W/ ADHESIVE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Tan		6/22/2015	EVH
022	20A SKIM COAT WALL	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH
023	20B SKIM COAT WALL	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH

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METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
024	20C SKIM COAT WALL	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
025	20D SKIM COAT WALL	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH
026	20E SKIM COAT WALL	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH
027	21A BASE COAT WALL	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Cellulose	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
028	21B BASE COAT WALL	PLM Fiber Analysis				
		Asbestos	Detected		6/22/2015	EVH
		Chrysotile	1-5	%	6/22/2015	EVH
		Animal Hair	1-5	%	6/22/2015	EVH
		Non-fibrous	90-98	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
029	21C BASE COAT WALL	PLM Fiber Analysis				
	POSITIVE STOP TO 21B.					
030	21D BASE COAT WALL	PLM Fiber Analysis				
	POSITIVE STOP TO 21B.					

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METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
031	21E BASE COAT WALL	PLM Fiber Analysis				
	POSITIVE STOP TO 21B.					
032	22A DRYWALL BOARD	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Cellulose	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
033	22B DRYWALL BOARD	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Cellulose	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
034	22C DRYWALL BOARD	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Cellulose	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
035	23A SKIM COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH
036	23B SKIM COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

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Date Received: 6/17/2015
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Site Location:PROJECT# 150290 RIC BUILDING 31 BULK SAMPLES

METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
037	23C SKIM COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
038	23D SKIM COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	White		6/22/2015	EVH
039	23E SKIM COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
040	24A BASE COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Cellulose	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
041	24B BASE COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Animal Hair	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
042	24C BASE COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Animal Hair	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
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METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
043	24D BASE COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Cellulose	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
044	24E BASE COAT CEILING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Animal Hair	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
045	25 PEBBLED LINO UNDER CARPET	PLM Fiber Analysis				
		Asbestos	Detected		6/22/2015	EVH
		Chrysotile	5-15	%	6/22/2015	EVH
		Non-fibrous	85-95	%	6/22/2015	EVH
		Sample Color	Gray		6/22/2015	EVH
046	26 MASTIC TO 25	PLM Fiber Analysis				
		Asbestos	Detected		6/22/2015	EVH
		Chrysotile	5-15	%	6/22/2015	EVH
		Non-fibrous	85-95	%	6/22/2015	EVH
		Sample Color	Brown		6/22/2015	EVH
	INSEPARABLE FROM 25.					
047	27 FELT PAPER UNDER 26	PLM Fiber Analysis				
		Asbestos	Detected		6/22/2015	EVH
		Chrysotile	<1	%	6/22/2015	EVH
		Non-fibrous	<99	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH

CONTAMINATION FROM 25 POSSIBLE: 25 IS GLUED TO 27 AND ARE IN SAME SAMPLE BAG.

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 6/17/2015
Work Order #: 1506-12631
Site Location:PROJECT# 150290 RIC BUILDING 31 BULK SAMPLES

METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
048	28A ROSIN PAPER UNDER HARDWOODS	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Pink		6/22/2015	EVH
049	28B ROSIN PAPER UNDER HARDWOODS	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Pink		6/22/2015	EVH
050	28C ROSIN PAPER UNDER HARDWOODS	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Pink		6/22/2015	EVH
051	29 CERAMIC ADHESIVE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
052	30 GRID PAPER ON CERAMIC TILE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Beige		6/22/2015	EVH
053	31 RESIDUAL ADHESIVE UNDER RUBBER STAIR TREAD	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Yellow		6/22/2015	EVH

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 6/17/2015
Work Order #: 1506-12631
Site Location:PROJECT# 150290 RIC BUILDING 31 BULK SAMPLES

METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
054	32 GREEN STAIR TREAD	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Green		6/22/2015	EVH
055	33A ASPHALT SHINGLE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	5-15	%	6/22/2015	EVH
		Non-fibrous	85-95	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
056	33B ASPHALT SHINGLE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	5-15	%	6/22/2015	EVH
		Non-fibrous	85-95	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
057	33C ASPHALT SHINGLE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	5-15	%	6/22/2015	EVH
		Non-fibrous	85-95	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
058	34A TARPAPER UNDER SHINGLE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
059	34B TARPAPER UNDER SHINGLE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Date Received: 6/17/2015
Work Order #: 1506-12631
Site Location:PROJECT# 150290 RIC BUILDING 31 BULK SAMPLES

METHOD: EPA 600/R-93/116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS		DATE ANALYZED	ANALYST
060	34C TARPAPER UNDER SHINGLE	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Non-fibrous	100	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
061	35A BLACK SEALER	PLM Fiber Analysis				
		Asbestos	Detected		6/22/2015	EVH
		Chrysotile	5-15	%	6/22/2015	EVH
		Non-fibrous	85-95	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
062	35B BLACK SEALER	PLM Fiber Analysis				
	POSITIVE STOP TO 35A.					
063	35C BLACK SEALER	PLM Fiber Analysis				
	POSITIVE STOP TO 35A.					
064	36A FELT PAPER UNDER ORIGINAL SIDING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH
065	36B FELT PAPER UNDER ORIGINAL SIDING	PLM Fiber Analysis				
		Asbestos	Not Detected		6/22/2015	EVH
		Glass Fiber	1-5	%	6/22/2015	EVH
		Non-fibrous	95-99	%	6/22/2015	EVH
		Sample Color	Black		6/22/2015	EVH

White Copy Original (Accompanies Samples) Yellow Copy – Collector

NOTE: SAMPLES MUST BE KEPT IN A SEALED CONTAINER AT ALL TIMES

R. I. ANALYTICAL LABORATORIES, INC.

41 Illinois Avenue Warwick, Rhode Island 02888 (401) 737-8500 Fax (401) 738-1970
131 Coolidge Street Bldg 2 Hudson, MA 01749 (978) 568-0041 Fax (978) 568-0078

Analysis Required

Date Collected	Time Collected	Sample ID	Sample Type	PLM							Remarks	Total # of Cont.
6/17/15		01 Flue Packing	Bulk	X							RIC	1
		02 Boiler Gun Gasket		X							Building 31	1
		03 Boiler Rib Gasket		X							Bulk Samples	1
		04 Fire Block Under Boiler		X								1
		05A Hard Concrete *		X								1
		05B Hard Concrete *		X								1
		05C Hard Concrete *		X								1
		06 Stair Tread to Basement		X								1
		07 Adhesive to 06		X							* Positive Stop.	1
		08 Felt Paper Under 07		X								1
		++09 Black Covebase w/ Adhesive		X								1
		11 Wall Panel Adhesive		X								1
		12 White 12x12 Floor tile		X								1
		13 Mastic to 12		X								1
											Total Numbers of Cont.	

Company Name: RIAL EAM

P.O. #

Address: 41 Illinois Ave

City / State / Zip: Warwick, RI 02888

Phone / Fax: 401-737-8500

Contact: ATP

Relinquished by: 6/17/15 1525 Date / Time Received by:

Relinquished by: Date / Time Received by:

Relinquished by: Date / Time Received by:

Collected by: ATP

Turn Around Time: ☐ Normal ☒ Rush 5-7dy TAT

RIAL: 1526-12431

☐ – Pick-Up Only

☐ – Sampled _____ Hours

☐ – Shipped on Ice

Comments: * SAMPLES ARE RETAINED WITHIN THE LAB FOR A PERIOD OF THREE MONTHS, AFTER WHICH THEY ARE DISPOSED OF AT AN EPA APPROVED ASBESTOS LANDFILL. IF THE CLIENT WISHES TO RETAIN SAMPLES AFTER ANALYSIS, REQUESTS MUST BE MADE PRIOR TO THE THREE MONTH PERIOD.

EAM # 150 290

White Copy Original (Accompanies Samples) Yellow Copy – Collector

NOTE: SAMPLES MUST BE KEPT IN A SEALED CONTAINER AT ALL TIMES

R. I. ANALYTICAL LABORATORIES, INC.

41 Illinois Avenue Warwick, Rhode Island 02888 (401) 737-8500 Fax (401) 738-1970
131 Coolidge Street Bldg 2 Hudson, MA 01749 (978) 568-0041 Fax (978) 568-0078

Date Collected	Time Collected	Sample ID	Sample Type	PLM							Remarks	Total # of Cont.
6/17/15		14 Black Felt Paper Under 13	Bulk	X							RIC	1
		15 White and Gold Lino Under	Simi	X							Building 31	1
		16A 4x4 Patterned Lino. *		X							Bulk Samples	1
		16B 4x4 Patterned Lino. *		X								1
		17 TAN 12x12 Floor tile		X								1
		18 Adhesive to 17		X								1
		19 TAN Covebase w/Adhesive		X							* Positive Stops	1
		20A Skim Coat Wall *		X								1
		20B *		X								1
		20C *		X								1
		20D *		X								1
		20E *		X								1
		21A Base Coat Wall *		X								1
		21B *		X								1
											Total Numbers of Cont.	14

Analysis Required

Company Name: RIAL EAM

P.O. #

Address: 41 Illinois Ave

City / State / Zip: Warwick, RI 02888

Phone / Fax: 401-737-8500

Contact: ATP

Relinquished by: 6/17/15 1525 Date / Time Received by:

Relinquished by: Date / Time Received by:

Relinquished by: Date / Time Received by:

Collected by: ATP

Turn Around Time: ☐ Normal ☒ Rush 5 to 7 day TAT

RIAL: 150612631

☐ – Pick-Up Only

☐ – Sampled _____ Hours

☐ – Shipped on Ice

Comments: * SAMPLES ARE RETAINED WITHIN THE LAB FOR A PERIOD OF THREE MONTHS, AFTER WHICH THEY ARE DISPOSED OF AT AN EPA APPROVED ASBESTOS LANDFILL. IF THE CLIENT WISHES TO RETAIN SAMPLES AFTER ANALYSIS, REQUESTS MUST BE MADE PRIOR TO THE THREE MONTH PERIOD.

EAM # 150290

White Copy Original (Accompanies Samples) Yellow Copy – Collector

NOTE: SAMPLES MUST BE KEPT IN A SEALED CONTAINER AT ALL TIMES

R. I. ANALYTICAL LABORATORIES, INC.

41 Illinois Avenue Warwick, Rhode Island 02888 (401) 737-8500 Fax (401) 738-1970

131 Coolidge Street Bldg 2 Hudson, MA 01749 (978) 568-0041 Fax (978) 568-0078

Analysis Required

Date Collected	Time Collected	Sample ID	Sample Type	PLM	Remarks	Total # of Cont.
6/17/15		21C Base Coat Wall *	Bulk		RIC	
		21D *			Building 31	
		21E *				
		22A Drywall Board *				
		22B *				
		22C *				
		23A Skim Coat Ceiling *			* Positive Stops	
		23B *				
		23C *				
		23D *				
		23E *				
		24A Base Coat Ceiling *				
		24B *				
		24C *				
					Total Numbers of Cont.	

Company Name: RIAL EAM

P.O. #

Address: 41 Illinois Ave

City / State / Zip: Warwick, RI 02888

Phone / Fax: 401-737-8500

Contact: ATP

Relinquished by: [signature] Date / Time 6/17/15 1525 Received by:

Relinquished by: Date / Time Received by:

Relinquished by: Date / Time Received by:

Collected by: ATP

Turn Around Time: ☐ Normal ☒ Rush 5-7 day TAT

RIAL: 1506-12631

☐ – Pick-Up Only

☐ – Sampled _____ Hours

☐ – Shipped on Ice

Comments: * SAMPLES ARE RETAINED WITHIN THE LAB FOR A PERIOD OF THREE MONTHS, AFTER WHICH THEY ARE DISPOSED OF AT AN EPA APPROVED ASBESTOS LANDFILL. IF THE CLIENT WISHES TO RETAIN SAMPLES AFTER ANALYSIS, REQUESTS MUST BE MADE PRIOR TO THE THREE MONTH PERIOD.

EAM # 150290

White Copy Original (Accompanies Samples) Yellow Copy – Collector

NOTE: SAMPLES MUST BE KEPT IN A SEALED CONTAINER AT ALL TIMES

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41 Illinois Avenue Warwick, Rhode Island 02888 (401) 737-8500 Fax (401) 738-1970

131 Coolidge Street Bldg 2 Hudson, MA 01749 (978) 568-0041 Fax (978) 568-0078

Date Collected	Time Collected	Sample ID	Sample Type	PLM							Remarks	Total # of Cont.
6/17/15		24D Base Coat Ceiling *	Bulk	X							KIC	1
		24E ↓ *	↓	X							Building 31	1
		25 Pebble & Lino under Carpet		X							Bulk Samples	1
		26 Mastic to 25		X								1
		27 Felt Paper Under 26		X								1
		28A Rosin Paper Under Hardwoods *		X								1
		28B ↓ *		X							* Positive Stops	1
		28C ↓ *		X								1
		29 Ceramic Adhesive		X								1
		30 Grid Paper on Ceramic Tile		X								1
		31 Residual Adhesive Under		X								1
		Rubber Stair Tread		X								1
		32 Green Stair Tread ↓		X								1
											Total Numbers of Cont.	13

Company Name: RIAL EAM

P.O. #

Address: 41 Illinois Ave

City / State / Zip: Warwick, RI 02888

Phone / Fax: 401-737-8500

Contact: ATP

Relinquished by: [signature] Date / Time 6/17/15 1525 Received by: [signature]

Relinquished by: Date / Time Received by:

Relinquished by: Date / Time Received by:

Collected by: ATP

Turn Around Time: ☐ Normal ☒ Rush 5-7 day TAT

RIAL: 1526-12631

☐ – Pick-Up Only

☐ – Sampled _____ Hours

☐ – Shipped on Ice

Comments: * SAMPLES ARE RETAINED WITHIN THE LAB FOR A PERIOD OF THREE MONTHS, AFTER WHICH THEY ARE DISPOSED OF AT AN EPA APPROVED ASBESTOS LANDFILL. IF THE CLIENT WISHES TO RETAIN SAMPLES AFTER ANALYSIS, REQUESTS MUST BE MADE PRIOR TO THE THREE MONTH PERIOD.

EAM # 150290

White Copy Original (Accompanies Samples) Yellow Copy – Collector

NOTE: SAMPLES MUST BE KEPT IN A SEALED CONTAINER AT ALL TIMES

R. I. ANALYTICAL LABORATORIES, INC.

41 Illinois Avenue Warwick, Rhode Island 02888 (401) 737-8500 Fax (401) 738-1970
131 Coolidge Street Bldg 2 Hudson, MA 01749 (978) 568-0041 Fax (978) 568-0078

Date Collected	Time Collected	Sample ID	Sample Type	Analysis Required: PLM							Remarks	Total # of Cont.
6/17/15		33A Asphalt Shingle *	Bulk	X							RIC	
		33B *		X							Building 31	
		33C *		X							Bulk Samples	
		34A Tarpaper Under Shingle *		X								
		34B *		X								
		34C *		X								
		35A Black Sealer *		X								
		35B *		X							* Positive Stops	
		35C *		X								
		36A Felt Paper Under Original Siding *		X								
		36B *		X								
											Total Numbers of Cont.	

Company Name: RIAL EAM

P.O. #

Address: 41 Illinois Ave.

City / State / Zip: Warwick, RI 02888

Phone / Fax: 401-737-8500

Contact: ATP

Relinquished by: [signature] Date / Time 6/17/15 1525 Received by:

Relinquished by: Date / Time Received by:

Relinquished by: Date / Time Received by:

Collected by: ATP

RIAL: 150-11631

Turn Around Time: ☐ Normal ☒ Rush 5 to 7 day TAT

☐ – Pick-Up Only

☐ – Sampled _____ Hours

☐ – Shipped on Ice

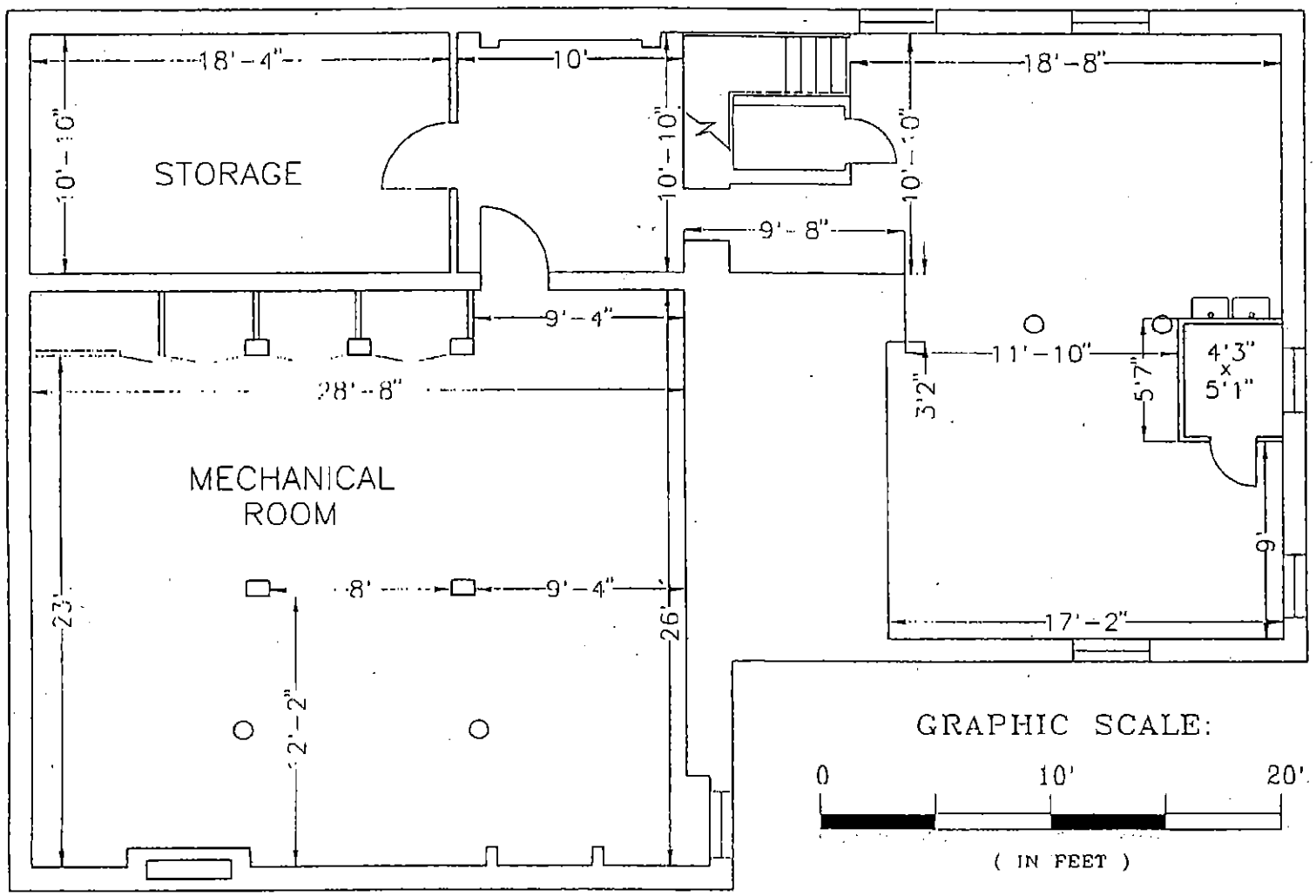
Comments: * SAMPLES ARE RETAINED WITHIN THE LAB FOR A PERIOD OF THREE MONTHS, AFTER WHICH THEY ARE DISPOSED OF AT AN EPA APPROVED ASBESTOS LANDFILL. IF THE CLIENT WISHES TO RETAIN SAMPLES AFTER ANALYSIS, REQUESTS MUST BE MADE PRIOR TO THE THREE MONTH PERIOD.

EAM # 150290

Attachment 2

Building Drawing
(There is no drawing of the third floor, however asbestos containing wall plaster exists on the third floor.)

RHODE ISLAND COLLEGE | Alumni House

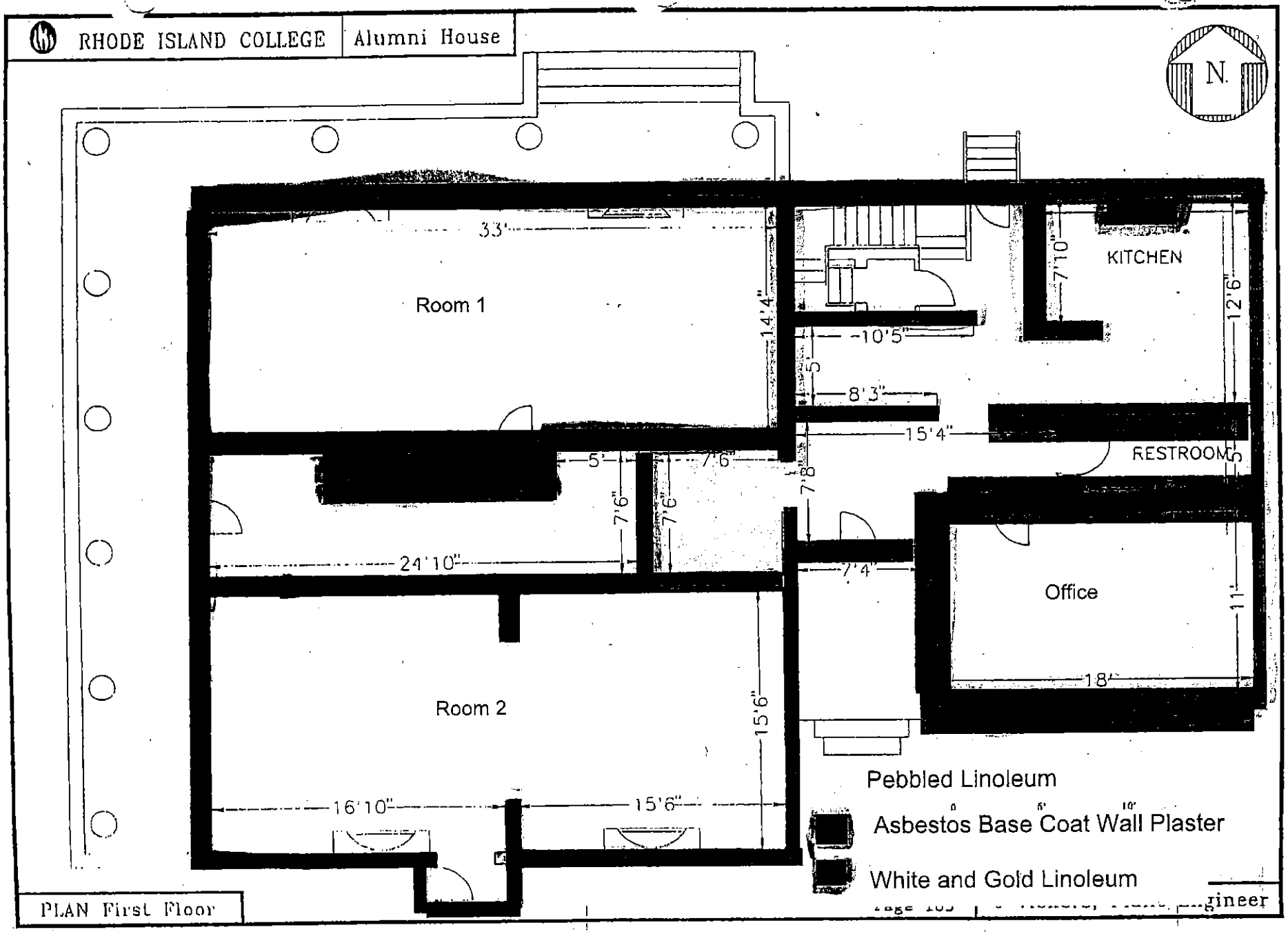


No Asbestos Containing Materials were found on this level.

PLAN Ground Floor

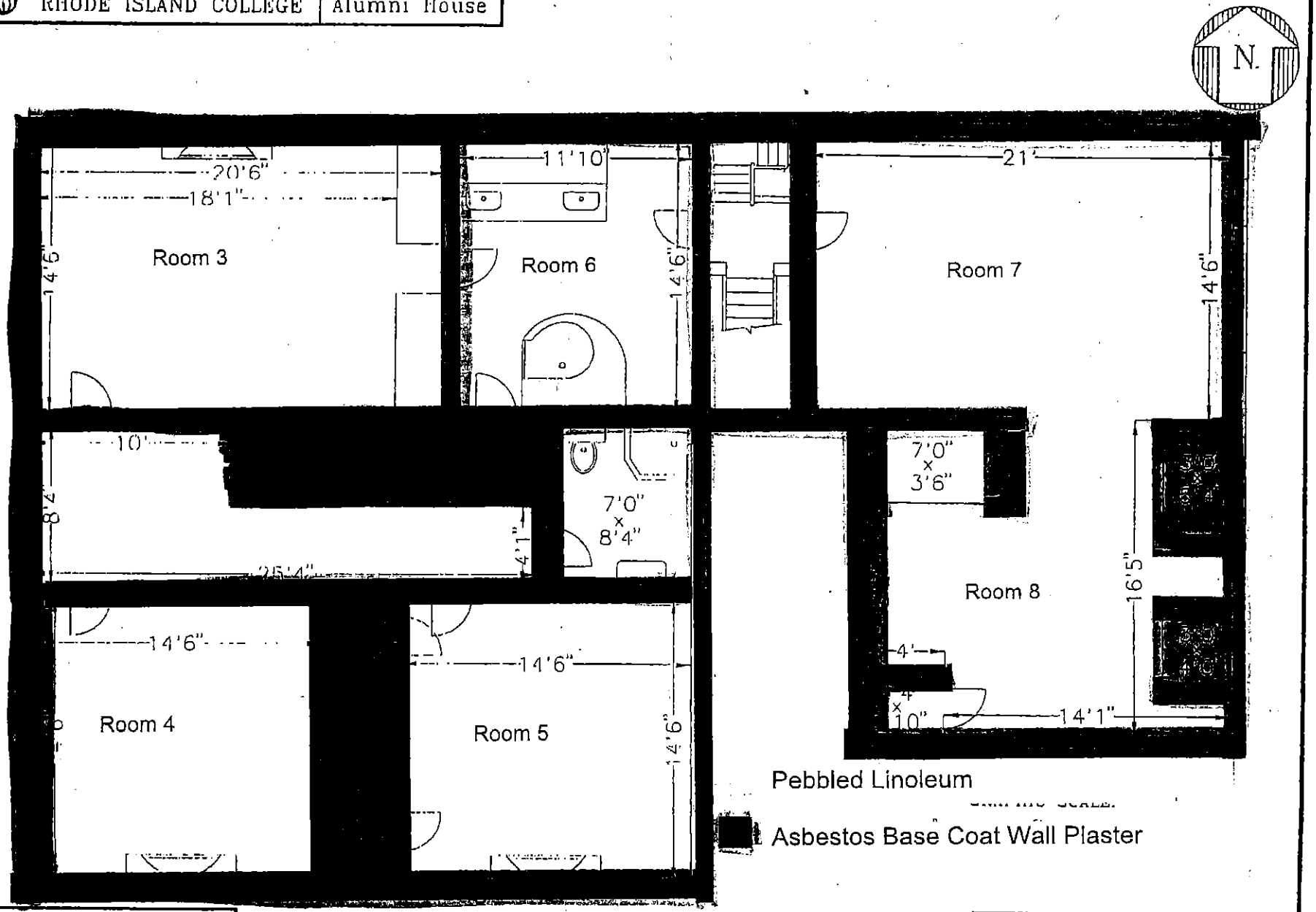
J Vickers, Plant Engineer

RHODE ISLAND COLLEGE | Alumni House



PLAN First Floor

RHODE ISLAND COLLEGE | Alumni House

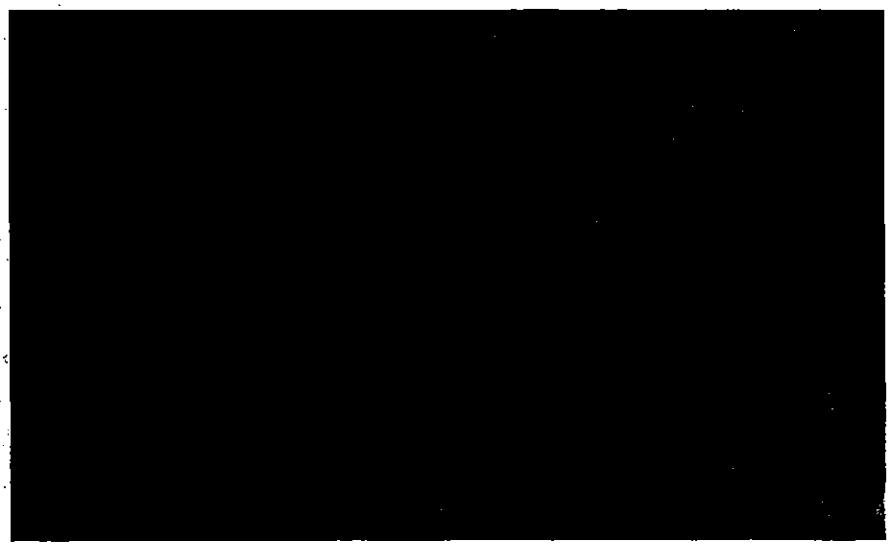


PLAN Second Floor

J Vickers, Plant Engineer

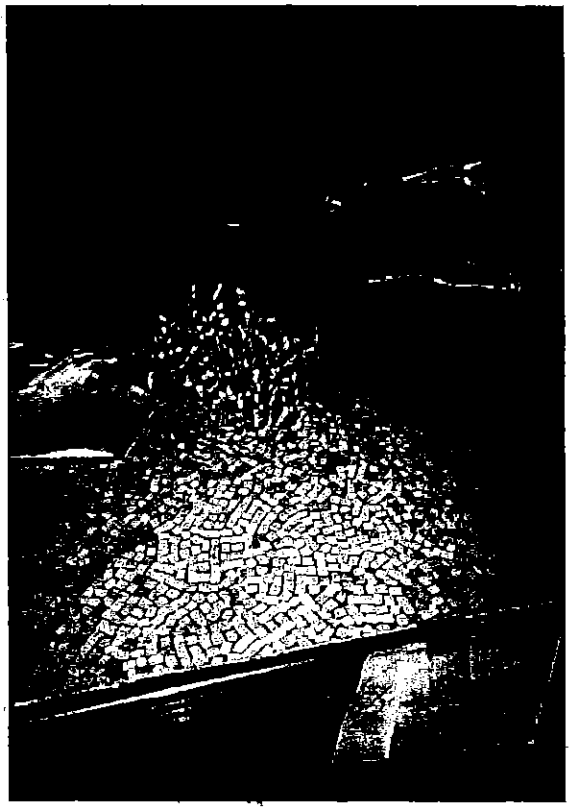
Attachment 3

Site Photograph



White and Gold Linoleum under Sink in Kitchen

Pebbled Linoleum under Carpet First Floor



Same Linoleum on Shelves
on Second Floor

Black Sealer on Flashing

Exposed Asbestos Base Coat Wall Plaster

RHODE ISLAND COLLEGE - PRE-BID CONFERENCE SIGN IN SHEET

BID# 41357 - BID TITLE: DEMOLISH AND REMOVAL OF OIL TANK - BUILDING #31 - RIC

7/15/16 @ 9:00 AM

PRE-BID START TIME: PRE-BID END TIME:

	Company	Representative	Address	Email	Phone
1.	R. LANNI CONST	Robert LANNI	321 Twin River Rd LINCOLN RI 02865	robertLANNI @ yahoo.com	401 723-8850
2.	Gill SERVICES	Paul Gill	1177 JEFFERSON BLVD WARWICK RI	PaulGGillSERVICES.com	921-4444
3.	J.R. VINAGRO CORP	THOMAS RONDEAU	2208 PLAINFIELD PIKE JOHNSTON, RI, 02919	MATTP@JRVINAGRO CORP.COM TOMR@JRVINAGROCORP.COM	401-316-8850
4.	SKURKA CONSTRUCTION	MARK Hoffer	301 East Green Wich ave WEST WARWICK RI 02893	mark@SKURKA CONSTRUCTION.com	401-241-3236
5.	PAL Environmental	SARA BAKER	333 Washington Highway Smithfield RI 02917	Sbaker@palcorp.com	401-232-3353 X153
6.					
7.					
8.					
9.					
10.					
11.					