State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER	PAGE
AGR0749	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
RON PRICE
304-558-0492

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE

SHIP TO
DEPARTMENT OF AGRICULTURE
ADMINISTRATIVE SERVICES
BUILDING 2, ROOM 106
4720 BRENDA LANE
CHARLESTON, WV
25312 304-558-2221

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/28/2006				

BID OPENING DATE: 02/07/2007 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		968-32		

DEMOLITION

TO PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY FOR THE TOTAL ASBESTOS ABATEMENT, DEMOLITION, AND PROPER DEBRIS DISPOSAL OF THREE (3) STRUCTURES AT THE PRUNTYTOWN STATE FARM.

IT IS BELIEVED THESE STRUCTURES CONTAIN ASBESTOS. A COPY OF THE SITE SCAN REPORT AND FINDINGS FOR EACH STRUCTURE IS ATTACHED ALONG WITH A PROJECT DESIGN FOR EACH STRUCTURE.

ASBESTOS ABATEMENT IS TO BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS.

A MANDATORY ON-SITE PRE-BID WILL BE HELD AT THE PRUNTYTOWN STATE FARM ON JANUARY 17, 2007 AT 1:00 PM. FAILURE TO ATTEND THE PRE-BID SHALL RESULT IN DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.

EXHIBIT 5

NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 120 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.

CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.

2. The State may accept or reject in part, or in whole, any bid.

3. All quotations are governed by the ***West Virginia Code*** and the ***Legislative Rules*** of the Purchasing Division.

4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required $125.00 registration fee.

5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.

6. Payment may only be made after the delivery and acceptance of goods or services.

7. Interest may be paid for late payment in accordance with the ***West Virginia Code.***

8. Vendor preference will be granted upon written request in accordance with the ***West Virginia Code.***

9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.

11. The laws of the State of West Virginia and the ***Legislative Rules*** of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.

12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.

13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.

14. **HIPAA Business Associate Addendum** - The West Viginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (**http://www.state.wv.us/admin/purchase/vrc/hipaa.htm**) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.

2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.

3. Complete all sections of the quotation form.

4. Unit prices shall prevail in cases of discrepancy.

5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.

6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

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RON PRICE
304-558-0492

VENDOR
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SHIP TO
DEPARTMENT OF AGRICULTURE
ADMINISTRATIVE SERVICES
BUILDING 2, ROOM 106
4720 BRENDA LANE
CHARLESTON, WV
25312 304-558-2221

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NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.

WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR TAYLOR COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)

ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.

WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.

ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:

(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS $250,000.

(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

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Request for Quotation

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IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A PERFORMANCE AND LABOR & MATERIAL BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER $100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCECPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.

REV. 11/00

EXHIBIT 7

DOMESTIC ALUMINUM, GLASS & STEEL IN PUBLIC WORKS PROJECTS

IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN $50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN $50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN $50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.

FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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Department of Administration
Purchasing Division
2019 Washington Street East
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Charleston, WV 25305-0130

Request for Quotation

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VENDOR
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PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.

IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.

REV. 3/88

EXHIBIT 9

NOTICE FOR ISSUANCE & ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA

THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:

(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.

(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION AND THE STATE AUDITOR'S OFFICE. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.

REV. 11/96

EXHIBIT 10

ADDENDUM ACKNOWLEDGEMENT

I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NOS.:

NO. 1 .....

NO. 2 .....

NO. 3 .....

NO. 4 .....

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE

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State of West Virginia
Department of Administration
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Request for Quotation

RFQ NUMBER	PAGE
AGR0749	6

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NO. 5 .....

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.

.....SIGNATURE

.....COMPANY

.....DATE

REV. 11/96

CONTRACTORS LICENSE

WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.

WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.

BIDDER TO COMPLETE:

CONTRACTORS NAME: .....

CONTRACTORS LICENSE NO.: .....

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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State of West Virginia
Department of Administration
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Request for Quotation

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THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT

APPLICABLE LAW

THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.

ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.

BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.

REV. 1/2005

NOTICE

A SIGNED BID MUST BE SUBMITTED TO:

DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
BUILDING 15
2019 WASHINGTON STREET, EAST
CHARLESTON, WV 25305-0130

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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State of West Virginia
Department of Administration
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2019 Washington Street East
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Request for Quotation

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THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:

SEALED BID

BUYER: 41

REQ. NO.: AGR0749

BID OPENING DATE AND TIME

PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:

PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE:

****** THIS IS THE END OF RFQ AGR0749 ****** TOTAL:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE

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Demolition Services/* Including Asbestos Abatement- Pruntytown State Farm

Listing of the three (3) Structures:

1) Beef and Dairy Barn
2) Evans House (Jones Farm)
3) Silo

The following clarification needs to be included in the Asbestos project design for Demolition Specifications.

A-1. Base bid for the total abatement removal of asbestos Containing material per the included design and specifications, with the building demolition debris disposal as construction debris: The air clearance provision doesn't need to be performed for this demolition project, visual clearance only. The collection of the building debris (HEPA vacuuming floors/ walls not required.) as asbestos contaminated for the first floor only.

A-2. Alternative bid for the abatement removal of all friable Asbestos containing materials per the included design and specifications, with the remaining non-friable asbestos containing materials to be removed with the building demolition debris, classified as asbestos contaminated to an EPA Certified landfill. The air clearance provision doesn't need to be performed for this Demolition project, visual clearance only. The collection of the Building debris (HEPA vacuuming floors/ walls not required) as Asbestos contaminated for the first floor only.

A pre-bid on-site inspection of these buildings will be provided prior to bid submission.

The WV Department of Agriculture shall be held harmless for any and all liability and damages which may occur as a result of this project.

The successful vendor will have 120 days from the issuance of a purchase order to complete the project and submit their invoice to the Dept. of Agriculture.

Each structure is to be bid separate (itemized), given the limited amount of funds for each project.

Contact Person: Dwayne O'Dell, Asst. Director, Marketing & Development Division, 304 558-2210, or Charles Forshey, Mgr. Pruntytown State Farm, Rt. 4, Box 74A, Grafton, WV 26354 304 265-6100 or 304 517-9851.

ABATEMENT/DEMOLATION BID FORM

Pruntytown Beef and Dairy Barn

West Virginia Dept. of Agriculture
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

BASE BID:

- Total abatement of asbestos containing material per the design and specification.
- The remaining materials disposed of as construction debris.

$_____

ALTERNATE BID:

- Total abatement of all **FRIABLE** or **MAY BECOME FRIABLE** asbestos containing materials per the design and specification.
- The remaining **NON-FRIABLE** asbestos containing material to be removed with the demolition debris, classified as **ASBESTOS CONTAINING** to an **EPA CERTIFIED LANDFILL**.

$_____

ABATEMENT/DEMOLATION BID FORM

Pruntytown Silo

West Virginia Dept. of Agriculture
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

BASE BID:

- Total abatement of asbestos containing material per the design and specification.
- The remaining materials disposed of as construction debris.

$_____

ALTERNATE BID:

- Total abatement of all **FRIABLE** or **MAY BECOME FRIABLE** asbestos containing materials per the design and specification.
- The remaining **NON-FRIABLE** asbestos containing material to be removed with the demolition debris, classified as **ASBESTOS CONTAINING** to an **EPA CERTIFIED LANDFILL.**

$_____

ABATEMENT/DEMOLATION BID FORM

Pruntytown House

West Virginia Dept. of Agriculture
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

BASE BID:

- Total abatement of asbestos containing material per the design and specification.
- The remaining materials disposed of as construction debris.

$_____

ALTERNATE BID:

- Total abatement of all **FRIABLE** or **MAY BECOME FRIABLE** asbestos containing materials per the design and specification.
- The remaining **NON-FRIABLE** asbestos containing material to be removed with the demolition debris, classified as **ASBESTOS CONTAINING** to an **EPA CERTIFIED LANDFILL**.

$_____

ASBESTOS INSPECTION REPORT
OF
ONE (1) STRUCTURE
SCHEDULED FOR DEMOLATION IN
PRUNTYTOWN, WV

Beef and Dairy Barn

NOV 3 0 2006

To

West Virginia Dept of Agriculture
Attn. Connie Toliey
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

October 2006

Prepared and Submitted by

James R. Stout, Inspector

Reviewed By

Table of Contents

EXECUTIVE SUMMARY

Building name:	PT (unoccupied Barn)			
Building address:	Pruntytown WV			
Building owner:	West Virginia Dept. of Agriculture			
Contact name:	Ms Connie Toliey 1900 Kanawha Blvd. East Charleston, WV 25305-9985			
Building description:	A two story block barn.			
Construction date:	N/A			
Inspection date:	10/30/06			
		Certf. Date	Lic. No.	Exp Date
Inspector:	Mr. James R. Stout Mr. Robert A. Gerwig	04/20/07	AI004089	08/31/07
Laboratory: Analyzed by:	SiteScan Inc. James R. Stout		LT000225	

Asbestos containing materials

QUANTITY	MATERIALS	% ASBESTOS	LOCATION
6 linear feet	Transite pipe	40% Chrysotile	Page 7, Room 13
1896 square feet	Transite walls and ceiling paneling	40% Chrysotile	Page 5, Rooms 1, 2 and 3
20 square feet	Roof mastic	10% Chrysotile	Page 5, Roof

INTRODUCTION

Connie Toliey requested an asbestos inspection of a Beef and Dairy Barn at Pruntytown, WV.
Mr. James R. Stout, EPA Accredited and WV Licensed Inspector (WV License No. AI004089) assisted by Mr. Robert A. Gerwig inspected this structure on October 30, 2006. Mr. Tom Carson was contacted before this inspection was performed.

Twenty-eight (28) samples were collected and reported.

This inspection report contains the following:
1. Building description and summary with description, location, quantity and results of the laboratory analysis of each suspected asbestos containing material.
2. Laboratory sample analysis.
3. Certificates and license of inspector and analytical laboratory.

SCOPE

The goal of this inspection is to locate any and all asbestos containing materials located in this structure.
Samples were taken from areas based upon both selective and random sampling strategies depending upon the nature of the suspect material and its condition, size, and type.
Non-destructive sampling is taking small samples of material, in areas that are mostly hidden (behind doors, electric switch plates etc.). These locations will not be marked at the sampling point unless requested by the client.
In general, non-destructive sampling was utilized, unless the inspector suspected asbestos containing material to be located in an inaccessible area, such as pipe insulation in a wall. The inspector, if possible, may have removed a portion of the interfering material to gain sampling access. However, demolition and renovation contractors should be alerted that non-sampled asbestos containing materials might be present in such inaccessible areas.
Each sample is assigned a unique sample identification number composed of a four (4) or five (5) -digit identification code. As the sample was collected, the sample number was indelibly marked at the location of the sample and on the sample container.

BUILDING DESCRIPTION AND SAMPLE SUMMARY

General notes: Bolded descriptions indicate an asbestos containing material.

EXTERIOR DESCRIPTION

- This structure is a two-story block barn with;
  - Approximately 8320 square feet of green roofing shingles over felt paper
  - Approximately 672 square feet of green rolled roofing.
  - Approximately 48 square feet of silver roofing paint around vents.
  - **Approximately 20 square feet of roof mastic.**

INTERIOR DESCRIPTION

- No insulation on the piping.

Room 1, 21' x 32'

- The floor is concrete.
- The walls are block with **approximately 212 square feet of Transite paneling.**
- The ceiling is **approximately 672 square feet of Transite paneling**.
- There are three (3) metal windows with glazing.

Room 2, 18' x 18'

- The floor is concrete.
- The walls are block with **approximately 144 square feet of Transite paneling.**
- The ceiling is **approximately 324 square feet of Transite paneling**.
- There is one (1) metal window with glazing.

Room 3, 14' x 18'

- The floor is concrete.
- The walls are block with **approximately 128 square feet of Transite paneling.**
- The ceiling is **approximately 252 square feet of Transite paneling**.
- There is one (1) metal window with glazing.

Room 4, 8' x 12'

- The floor is concrete.
- The walls are wood and block.
- The ceiling is wood.
- There are no windows.

Room 6, 12' x 14'

- The floor is concrete.
- The walls are wood and block.
- The ceiling is wood.
- There is one (1) metal window with glazing.

Room 7, 32' x 140'

- The floor is concrete.
- The walls are wood and block.
- The ceiling is wood.
- There are sixteen (16) wood windows with glazing.

Room 8, 12' x 32'

- The floor is concrete.
- The walls are wood and block.
- The ceiling is wood.
- There are five (5) wood windows with glazing.

Room 9, 30' x 32'

- The floor is concrete.
- The walls are wood and block.
- The ceiling is wood.
- There are five (5) window openings without glazing.

Room 10, 14' x 18'

- The floor is concrete.
- The walls are wood and block.
- The ceiling is wood.
- There are no windows.

Room 11, 32' x 39'

- The floor is wood.
- The walls are wood.
- The ceiling is wood.
- There are no windows.

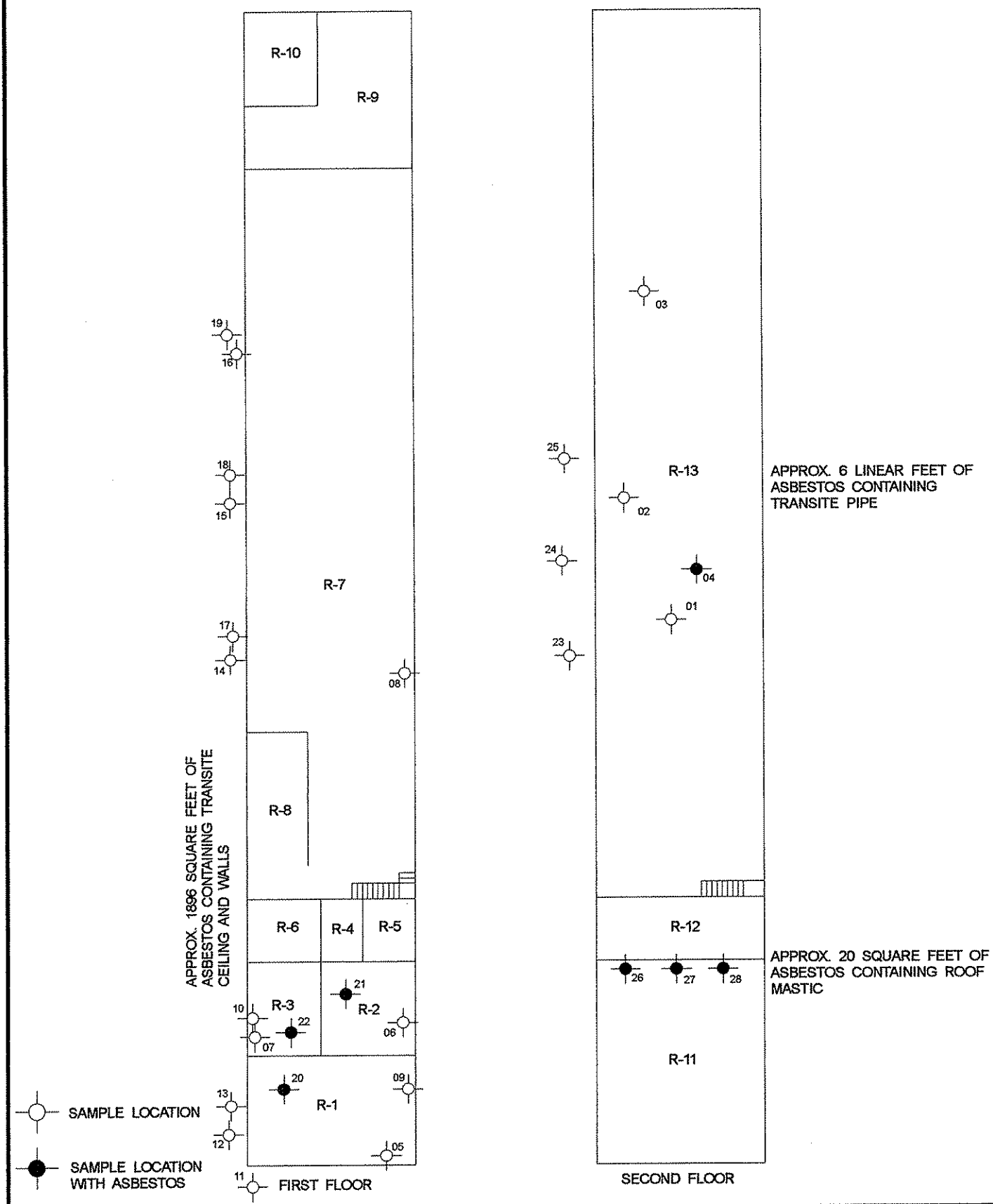
Room 12, 12' x 32'

- The floor is wood.
- The walls are wood.
- The ceiling is wood.
- There are no windows.

Room 13, 32' x 170'

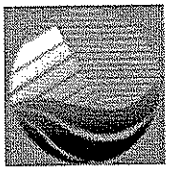
- The floor is wood.
- The walls are wood.
- The ceiling is wood.
- There are twelve (12) window openings without glazing.
- There is approximately 150 square feet of duct insulation.
- There is **approximately 6 linear feet of Transite pipe** on floor.

DRAWINGS



WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION BEEF & DAIRY BARN	DATE 10/27/06	BY JRS	SHEET 1 OF 1

ASBESTOS BULK ANALYSIS



SiteScan. Inc

sitescancorp.com
LICENSE: LT000253
AIHA ID: 100575

PLM ANALYSIS

436 12th Street
Dunbar, West Virginia
Voice: 304.768.2233
Fax: 304.468.9988

WV Dept. of Agriculture
ATTN: Connie Tolley
1900 Kanawha Blvd. East
Charleston,West Virginia

Analyst:James Stout
Sample Count: 28
Location: Pruntytown Barn

Project: 0605-073B
Client Project: Pruntytown Barn
Date Received: 10/30/06
Date Analyzed: 11/06/06

ID	Description			
PT-1	Room 13 - Brown Duct Insulation	Cellulose: 98%	Filler: 2 %	Asbestos: 0%
PT-2	Room 13 - Brown Duct Insulation	Cellulose: 98%	Filler: 2 %	Asbestos: 0%
PT-3	Room 13 - Brown Duct Insulation	Cellulose: 98%	Filler: 2 %	Asbestos: 0%
PT-4	Room 13 - Grey Transite Pipe	CHRY: 40%	Filler: 60 %	Asbestos: 40%
PT-5	Room 1 - White Window Glazing Metal		Filler: 100 %	Asbestos: 0%
PT-6	Room 2 - White Window Glazing Metal		Filler: 100 %	Asbestos: 0%
PT-7	Room 3 - White Window Glazing Metal		Filler: 100 %	Asbestos: 0%
PT-8	Room 7 - White Window Glazing Wood		Filler: 100 %	Asbestos: 0%
PT-9	Room 7 - White Window Glazing Wood		Filler: 100 %	Asbestos: 0%
PT-10	Room 7 - White Window Glazing Wood		Filler: 100 %	Asbestos: 0%
PT-11	Roof - Green Rolled Roofing	Other: 30%	Filler: 70 %	Asbestos: 0%
PT-12	Roof - Green Rolled Roofing	Other: 30%	Filler: 70 %	Asbestos: 0%
PT-13	Roof - Green Rolled Roofing	Other: 30%	Filler: 70 %	Asbestos: 0%
PT-14	Barn - Green Roofing Shingles	Other: 30%	Filler: 70 %	Asbestos: 0%
PT-15	Barn - Green Roofing Shingles	Other: 30%	Filler: 70 %	Asbestos: 0%
PT-16	Barn - Green Roofing Shingles	Other: 30%	Filler: 70 %	Asbestos: 0%
PT-17	Under Shingles - Black Roofing Felt	Other: 60%	Filler: 40 %	Asbestos: 0%
PT-18	Under Shingles - Black Roofing Felt	Other: 60%	Filler: 40 %	Asbestos: 0%
PT-19	Under Shingles - Black Roofing Felt	Other: 60%	Filler: 40 %	Asbestos: 0%
PT-20	Room 1 - Grey Transite Paneling Ceiling	CHRY: 40%	Filler: 60 %	Asbestos: 40%
PT-21	Room 2 - Grey Transite Paneling	CHRY: 40%	Filler: 60 %	Asbestos: 40%
PT-22	Room 3 - Grey Transite Paneling Ceiling	CHRY: 40%	Filler: 60 %	Asbestos: 40%
PT-23	4 Roof Vents - Silver Roofing Paint		Filler: 100 %	Asbestos: 0%

PT-24	4 Roof Vents - Silver Roofing Paint		Filler: 100 %	Asbestos: 0%
PT-25	4 Roof Vents - Silver Roofing Paint		Filler: 100 %	Asbestos: 0%
PT-26	20 Ft. - Black Roof Mastic	CHRY: 10%	Filler: 90 %	Asbestos: 10%
PT-27	40 Ft. - Black Roof Mastic	CHRY: 10%	Filler: 90 %	Asbestos: 10%
PT-28	- Black Roof Mastic	CHRY: 10%	Filler: 90 %	Asbestos: 10%

Analyst:

Reviewed By Danielle Harrison

SiteScan, Inc. Environmental Assessment Specialists
6404 MacCorkle Ave, SW, Suite #2 • St. Albans West Virginia 25177
www.sitescancorp.com

ASBESTOS BULK SAMPLE LOG & CHAIN OF CUSTODY

Client: _____ Inspector: _____ Inspector: _____

SiteScan Job#: 0605-073 Date: 05/30/06 Turn Around Time: Same Day 24 Hour 3 to 5 Day

Job Location: _____

Sample #	Lab #	Sample Material	Location / Remarks
PT - V01		Duct Insulation	Room 12
V02		" "	"
V03		" "	"
V04		Transite Pipe	"
V05		Window Glazing - Metal	Rm 1
V06		" "	2
V07		" "	3
V08		Window Glazing - Wood	Room 7
V09		"	Room
V10		"	Room
V11		Rolled Roofing Green	Roof
V12		" "	"
V13		" "	"
V14		Roofing Shingles Green	Basin
V15		" "	"
V16		" "	"
V17		Roofing Felt	under shingles
V18		" "	"
V19		" "	"
V20		Transite Panelling ceiling	Room 1
V21		" "	Room 2
V22		" "	Room 3
23		Silver Roofing Paint	4 Roof Vents
24		" "	"
25		" "	"
V26		Roof Mastic	2 sq ft
V27		"	4 sq ft
V28		"	

Relinquished by	Date	Time	Received By	Date	Time

CERTIFICATES

222-60-6347

Social Security Number

IRC-040206-003

Certificate Number

ASBESTOS TESTING INC.

5205 NOYES AVENUE CHARLESTON, WV 25304

(304) 925-6795

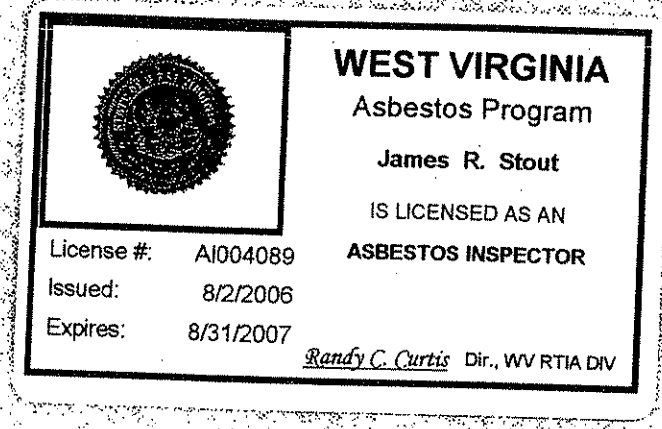
This is to certify that James R. Stout has successfully completed the **Asbestos Building Inspector Refresher Course** with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements of 40 CFR part 763 AHERA for purposes of accreditation required under TSCA Title II. This class was conducted at the Knights Inn.

04-21-06	4
Training Dates	Total Hours
04-21-06	04-21-07
Exam Date	Expiration Date

Sam Ferrell

Instructor

999



WEST VIRGINIA

Asbestos Program

James R. Stout

IS LICENSED AS AN

ASBESTOS INSPECTOR

License #: AI004089

Issued: 8/2/2006

Expires: 8/31/2007

Randy C. Curtis Dir., WV RTIA DIV

ASBESTOS PROJECT DESIGN for DEMOLATION

Pruntytown Beef & Dairy Barn

PREPARED FOR:

West Virginia Dept. of Agriculture
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

November 15, 2006

NOV 3 0 2006

Prepared By

James R. Stout, Project Designer
West Virginia # A D002357

Reviewed By

SiteScan Inc.
436 12th Street
Suite B
Dunbar, WV 25064

The time frame for each stage of the abatement activity will be as follows:

Pre-clean -
Air Sampling -
Set up components of containments -
Work Period -
Close out -

Facility job location of the asbestos abatement project:

Owner's Name: West Virginia Dept of Agriculture
Address: Pruntytown, WV

Contact: West Virginia Dept of Agriculture
Attn: Connie Toliey
1900 Kanawha Blvd. East
Charleston WV 25305-9985

Project Location: Pruntytown WV

Asbestos Project Designer:

James R. Stout
206 Oak Drive
Hurricane, WV 25526

West Virginia Project Designer #AD002357
Expiration Date: 04/30/07

Statement identifying abatement activity:

1. This asbestos project consists of the removal for demolition, approximately 6 linear feet of Transite pipe, 1896 square feet of Transite walls and ceiling panels and 20 square feet of roof mastic as indicated on enclosed drawing.

2. The contractor is responsible for all local, state and/or federal permits required for this asbestos abatement project.

3. All personnel to be licensed in accordance with 64 CSR 63 of the state of West Virginia.

4. Full worker protection is required throughout this abatement process as stated in OSHA CFR 29,1910.1001 and 1926.1101.

5. All asbestos containing waste material must be transported according to all DOT and NESHAP regulations, along with any other applicable state, local, and federal regulations. This material must be disposed in a certified asbestos landfill or in a designated area of a sanitary landfill. The waste manifest must be retained.

Construction Specifications and materials needed to build the containment area:

Critical barriers over the doorways, windows and equipment not moved from containment (using 6 mil poly and structural framing material if necessary), disposal bags, suits, and respirators if necessary.

PRODUCTS

Polyethylene Sheet: Provide flame resistant polyethylene film that conforms to requirements set forth by the National Fire Protection Association Standard 701, Small Scale Fire Test for Flame-resistant Textiles and Films. Provide largest size possible to minimize seams, 6.0-mils thick, frosted or black as indicated.

Duct tape: Provide duct tape in 2" or 3" widths as indicated, with an adhesive which is formulated to aggressively stick to sheet polyethylene.

Spray Cement: Provide spray adhesive in aerosol cans which is specifically formulated to stick to sheet polyethylene.

Framing Lumber: Provide construction grade nominal size framing lumber, which is fire retardant treated (FRT). All framing lumber shall meet AWPA Standard C-20 Interior type A requirements. Follow-up inspection of product and kiln dried after treatment (KDAT). Use Southern Pine or equal.

Plywood: Plywood for wall, roof and ceiling sheathing shall be ½" thick, APA Rated Sheathing for 16" framing spacing. It shall be fire retardant treated (FRT) and meet AWPA Standard C-27 Interior Type A.

Caulking: Caulking for this project shall be Dow Corning 795 Silicone Building Sealant, Pecora 864 Architectural Silicone or Tremco Spectrum 2.

CRITICAL BARRIERS:

Completely separate the work area from other portions of the building, and the outside by sheeting at least 6-mil in thickness, or by sealing with duct tape.

Individually seal all ventilation openings (supply and exhaust), lighting fixtures, clocks, doorways, windows, connectors and speakers, and other openings into the work area with duct tape alone or with polyethylene sheeting 6-mil in thickness, taped securely in place with duct tape. Maintain seal until all work including Project Decontamination is completed. Lighting fixtures should be disconnected and locked out to avoid melting or burning of sheeting.

Provide sheet plastic barriers at least 6-mil in thickness as required to completely seal openings from the work area into adjacent areas. Seal the perimeter of all sheet plastic barriers with duct tape or spray cement.

ENCLOSURE OF GROSS REMOVAL WORK AREAS:

Enclose work area with one (1) layer of plastic on windows and doors, or as otherwise directed on the contract drawings or in writing by the program manager.

Tape on all joints including those joining with the floor covering with duct tape or as otherwise indicated on the contract documents or in writing by the Asbestos Consultant.

EXTENSION OF THE WORK AREA:

Extension of Work Area: If the enclosure barrier is breached in any manner that could allow the passage of asbestos debris or airborne fibers, than add affected area to the work area, enclose it as required by this Section of the specifications and decontaminate it as described in Section 01711.

MAINTENANCE OF ENCLOSURE SYSTEM:

A. The Contractor shall construct and ensure that all barriers and plastic linings are effectively sealed. Any breach in barriers should be repaired and any defects remedied immediately upon discovery. See requirements of this section for extension of enclosure.

B. Visual inspection of enclosures shall be made at the end of removal.

THREE STAGE DECONTAMINATION UNIT

Provide a Personnel Decontamination Unit consisting of a serial arrangement of connected rooms or spaces as shown. Require all persons without exception to pass through this decontamination unit before entering into and exiting the work area for any purpose.

Changing Room or Clean Room: Provide a room that is physically and visually separated from the rest of the building for the purpose of changing into protective clothing. Construct using polyethylene sheeting, at least 6-mil in thickness, to provide an airtight seal between the changing room and the rest of the building. Locate so that access to Work Area from Changing Room is through Shower Room. Separate Changing Room from the building by sheet polyethylene flapped doorway as indicated.

Shower Room: Provide a completely watertight operational shower to be used for transit by cleanly dressed workers heading for Work Area from the Changing Room, or for showering by workers headed out of the Work Area after undressing in the Equipment Room.

Construct a room by providing a shower pan and (2) shower walls in a configuration that will cause water running down the walls to drip into the pan. Install a freely draining wooden floor in shower pan at elevation of top of pan.

Separate this room from the rest of the building with airtight walls fabricated of 6-mil polyethylene.

Provide showerhead and controls.

Provide temporary extensions of existing hot and cold water and drainage, as necessary for a complete and operable shower.

A 5-micron filter shall filter shower drainage before dispensing into sanitary drain.

Provide a soap dish and a continuously adequate supply and maintain in sanitary condition.

Arrange so that the water from showering does not splash into the Changing or Equipment Rooms.

Pre-constructed showers designed for portability may be substituted for shower structure.

Equipment Room or Contaminated Area: Require work equipment, footwear, and additional contaminated work clothing to be left here. This is a change and transit area for workers. Separate this room from the work area by a 6-mil polyethylene flap doorway.

Separate this room from the rest of the building with airtight walls fabricated of 6-mil polyethylene.

Separate this room from the shower room with airtight walls fabricated of 6-mil polyethylene.

Provide an asbestos bag in this area for the workers to put their contaminated protective clothing.

Specifications for air monitoring of personnel and clearance of the contained work area for re-occupancy, to include the number of collection points of samples and analytical method:

1. The contractor is responsible for personnel air monitoring as stated in OSHA CFR 29,1910.1001 and 1926.1101.

2. According to table 64-63B of the West Virginia Legislative Rules Division of Health (Title 64 Series 63 1998) an air clearance will be required by a West Virginia licensed clearance air monitor.

Schematic location and specifications of the following:

HVAC shut off and seal with 6-mil poly
ELECTRICAL POWER – None at site.
WATER SOURCE – None at site.
FIRE EXITS - See locations on drawing.
FIRE EXTINGUISHERS – Supplied by contractor, minimum of two (2) located on site.
TELEPHONE - Cell phone.
TOOL / EQUIPMENT / SUPPLY BOX - Located near the work area.

Specifications for HEPA exhaust air filtration units and backups:

SUBMITTAL:

Before the start of work submit a design of negative air system to Owner's Representative for review. The following shall be included in the submittal:

Number and capacity of negative air machines to be used, calculated volumes of work area to be ventilated, number of air changes per hour anticipated, pressure differential anticipated, and a diagram of air inlets, machine placements, and projected air flow. Provide a description of work practices.

QUALITY ASSURANCE: The contractor shall monitor pressure differential between the work area and the building outside of the work area with a differential pressure meter incorporating a strip chart recorder. The meter shall be equipped with a warning device that will sound continuously if pressure differential drops below 0.02" of water.

PRODUCTS

NEGATIVE AIR MACHINES:

General: Supply the required number of asbestos air filtration units to the site in accordance with these specifications. Each unit shall include the following:

Cabinet: Constructed of steel or other durable materials able to withstand damage from rough handling and transportation. The width of the cabinet should be less than 30 inches to fit through standard-size doorways. Cabinet shall be factory sealed to prevent asbestos-containing dust from being released during use, transportation, or maintenance.

Access to and replacement of all air filters shall be from air intake end. Unit shall be mounted on casters or wheels.

Fans: Rate capacity of fan according to useable air-moving capacity under actual operating conditions. Use centrifugal-type fan.

HEPA Filters: The final filter shall be HEPA type. The filter media (folded into closely pleated panels) must be completely sealed on all edges with a structurally ridged frame.

A continuous rubber gasket shall be located between the filter and the filter housing to form a tight seal.

Each filter shall be individually tested and certified by the manufacturer to have an efficiency of not less than 99.97% when challenged with 0.3-micron dioctylphtalate (DOP) particles. Testing shall be in accordance with Military Standard Number 282 and Army Instruction Manual 136-300-174A. Each filter shall bear a UL586 label to indicate ability to perform under specified conditions.

Each filter shall be marked with the name of the manufacturer, serial number, airflow rating, efficiency and resistance, and the direction of test airflow.

Pre-filters, which protect the final filter by removing the larger particles, are required to prolong the operating life of the HEPA filter. Two stages of pre-filtration are required. The first-stage prefilter shall be a low-efficiency type (e.g., for particles 10 micron and larger). The second-stage (or intermediate) filter shall have a medium efficiency (e.g., effective for particles down to 5 micron). Pre-filters and intermediate filters shall be installed either on or in the intake grid of the unit and held in place with special housings or clamps.

Instrumentation: Each unit shall be equipped with a Magnehelic gauge or manometer to measure the pressure drop across filters and indicate when filters have become loaded and need to be changed. A table indicating the useable air-handling capacity for various static pressure readings on the Magnehlic reading indicating at what point the filters should be changed, noting Cubic Feet per Minute (CFM) air delivery at that point. Provide units equipped with an elapsed time meter to show the total accumulated hours of operation.

Safety and Warning Devices: The unit shall have an electrical or mechanical lockout to prevent fans from operating without a HEPA filter. Units shall be equipped with an automatic shutdown system to stop the fan in the event of a major rupture in the HEPA filter or blocked air discharge.

Warning lights are required to indicate normal operation, too high-pressure drip across the filters (i.e., filter overload), and too low of a pressure drop (i.e., major rupture in HEPA filter or obstructed discharge).

Electrical components shall be approved by the National Electrical Manufacturers Association (NEMA) and Underwriter's Laboratories (UL). Each Unit shall be equipped with overload protection sized for the equipment. The motor, fan, fan housing, and cabinet shall be grounded.

EXECUTION PRESSURE DIFFERENTIAL

Provide a fully operational negative air system within the work area maintaining continuously a pressure differential across the work area of 0.02" of water. Demonstrate to the Owner's Representative the pressure differential by use of a pressure differential meter of a manometer, before disturbance of any asbestos-containing materials.

MONITORING
Continuously monitor and record the pressure differential between the work area and the building outside of the work area with a monitoring device incorporating a strip chart recorder.

Location of Exhaust Units: Locate exhaust unit(s) so that makeup air enters the work area primarily through decontamination facilities and traverse work area as much as possible. This may be accomplished by positioning the exhaust unit(s) at a maximum distance from the worker access opening or other makeup air sources.

Place end of unit or its exhaust duct through an opening in the plastic barrier or wall covering. The plastic around the unit or duct shall then be sealed with tape.

Vent to Outside of Building, unless authorized in writing by the Owner's Representative.

Supplemental Makeup Air Inlets: Provide where required for airflow through the workspace in location approved by the Owner's Representative by making openings in the plastic sheeting that allows air from outside the building into the work area. Locate auxiliary makeup air inlets as far as possible from the exhaust unit(s) (e.g., on an opposite wall), off the floor (preferably near the ceiling), and away from barriers that separate the work area from occupied clean areas. Cover with flaps to reseal automatically if the negative pressure system should shut down for any reason. Spray flap and opening with spray adhesive so that the flap seals if it closes.

Description of work procedures to be used:

Removal and disposal of Transite pipe:

- Wrap pipe with two layers of 6-mil plastic.
- Clean area with HEPA filter equipped vacuum.
- Wet wipe area after vacuuming.

Removal and disposal of wall and ceiling Transite panels:

- Place critical barriers over all doors, windows and other opening to the outside of the work area.
- Remove Transite in an intact condition using wet methods
- Clean entire area with HEPA filter equipped vacuum.
- Wet wipe area after vacuuming.
- All material is to be double bagged in 6-mil, asbestos bags.

1248 square foot area x 10 foot containment = 12480 cubic feet
1500 cubic feet/minute negative air machine
1500 cfm. x 60 min. =90000 cubic feet per hour per machine
Design containment for four (4) air changes per hour.

12480 c.f. x 4 air changes / 90000cfh = 0.55

One (1) negative air machine with (1) back up will be used on this containment

Removal and disposal of roof mastic:

- Remove mastic using wet methods
- Clean entire area with HEPA filter equipped vacuum.
- Wet wipe area after vacuuming.
- All material is to be double bagged in 6-mil, asbestos bags

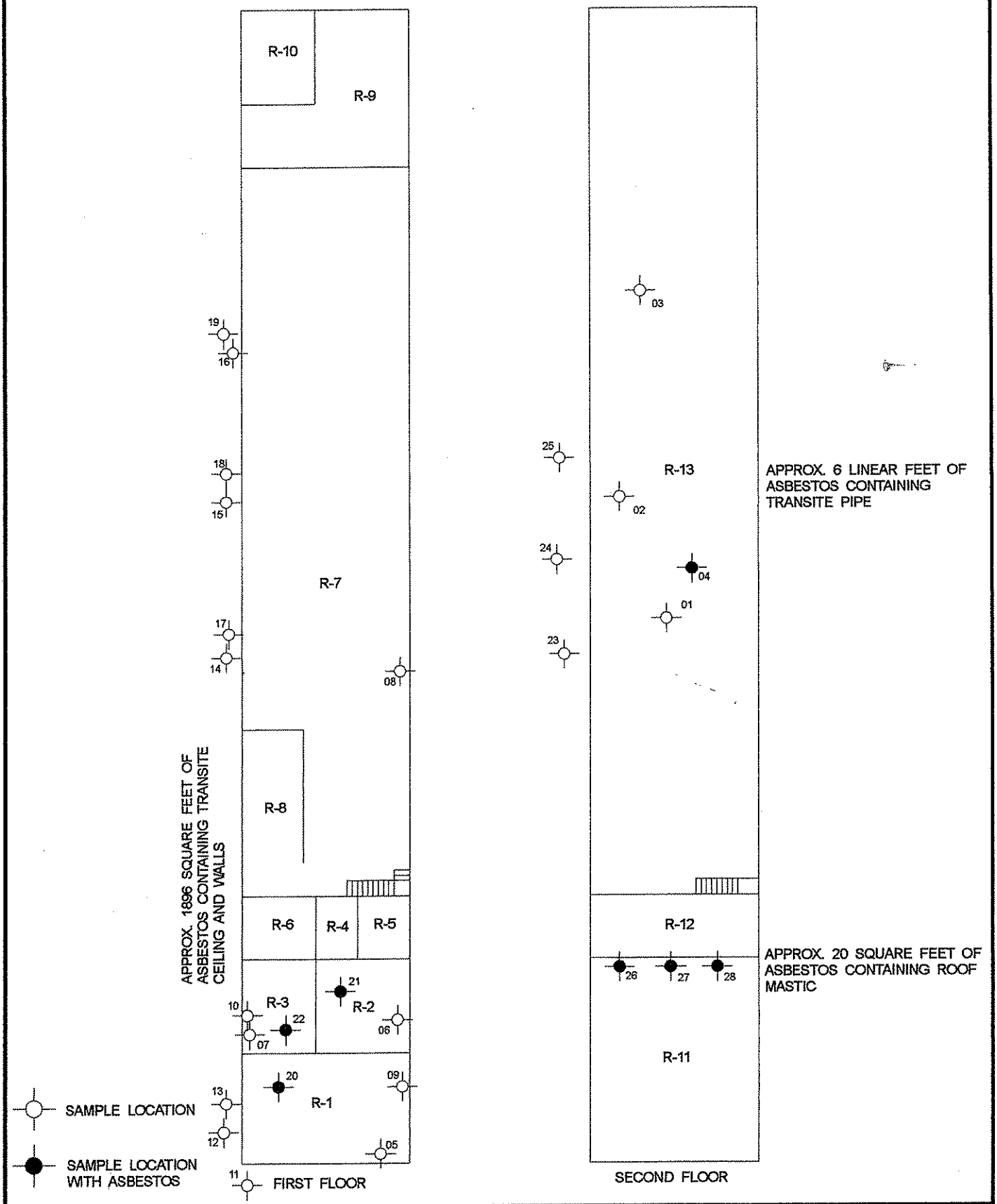
Description of materials and tools to be used:

Contractor is to provide all equipment and personnel necessary for the complete removal of Transite pipe, Transite wall & ceiling panels and roof mastic. (6-mil poly, encapsulates, scrappers, knives, power tools, suits, respirators, gfi's, and HEPA vacuums).

Disclaimer:

The asbestos project design developed by SiteScan, Incorporated has been prepared utilizing information made available by SiteScan inc. SiteScan, Incorporated makes no warranty, expressed or implied, that the plans and specifications identify all of the asbestos containing materials located in the subject property.

DRAWING



WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION BEEF & DAIRY BARN	DATE 10/27/06	BY JRS	SHEET 1 OF 1

CERTIFICATES

233-60-6347

Social Security Number

PDR-091305-003

Certificate Number

ASBESTOS TESTING INC.
5205 NOYES AVENUE CHARLESTON, WV 25304
(304) 925-6795

This is to certify that James Stout has successfully completed the Asbestos Project Design Refresher Course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements of 40 CFR part 763 AHERA for purposes of accreditation under TSCA Title II.

9-13-05

Training Dates

8

Total Hours

9-13-05

Exam Date

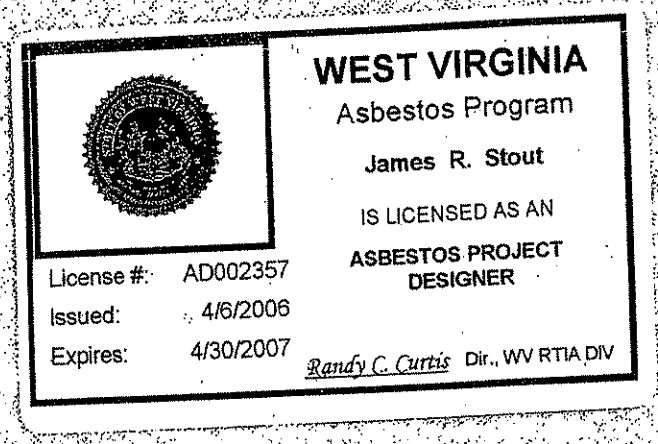
9-13-06

Expiration Date

Jarrod Hague

Instructor

999



WEST VIRGINIA

Asbestos Program

James R. Stout

IS LICENSED AS AN

ASBESTOS PROJECT DESIGNER

License #: AD002357

Issued: 4/6/2006

Expires: 4/30/2007

Randy C. Curtis Dir., WV RTIA DIV

NOTIFICATION

ASBESTOS PROJECT DESIGN for DEMOLATION

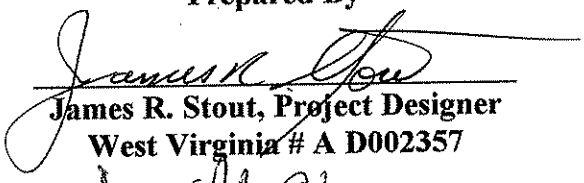
Pruntytown Silo

PREPARED FOR:

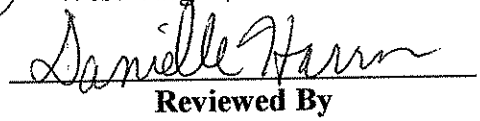
West Virginia Dept. of Agriculture
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

November 15, 2006

Prepared By



James R. Stout, Project Designer
West Virginia # A D002357



Reviewed By

SiteScan Inc.
436 12th Street
Suite B
Dunbar, WV 25064

NOV 3 0 2006

The time frame for each stage of the abatement activity will be as follows:

Pre-clean -
Air Sampling -
Set up components of containments -
Work Period -
Close out -

Facility job location of the asbestos abatement project:

Owner's Name: West Virginia Dept of Agriculture
Address: Pruntytown, WV

Contact: West Virginia Dept of Agriculture
Attn: Connie Toliey
1900 Kanawha Blvd. East
Charleston WV 25305-9985

Project Location: Pruntytown WV

Asbestos Project Designer:

James R. Stout
206 Oak Drive
Hurricane, WV 25526

West Virginia Project Designer #AD002357
Expiration Date: 04/30/07

Statement identifying abatement activity:

1. This asbestos project consists of the removal for demolition, approximately 10 square feet of roof mastic as indicated on enclosed drawing.

2. The contractor is responsible for all local, state and/or federal permits required for this asbestos abatement project.

3. All personnel to be licensed in accordance with 64 CSR 63 of the state of West Virginia.

4. Full worker protection is required throughout this abatement process as stated in

OSHA CFR 29,1910.1001 and 1926.1101.

5. All asbestos containing waste material must be transported according to all DOT and NESHAP regulations, along with any other applicable state, local, and federal regulations. This material must be disposed in a certified asbestos landfill or in a designated area of a sanitary landfill. The waste manifest must be retained.

Construction Specifications and materials needed to build the containment area:

Critical barriers over the doorways, windows and equipment not moved from containment (using 6 mil poly and structural framing material if necessary), disposal bags, suits, and respirators if necessary.

PRODUCTS

Polyethylene Sheet: Provide flame resistant polyethylene film that conforms to requirements set forth by the National Fire Protection Association Standard 701, Small Scale Fire Test for Flame-resistant Textiles and Films. Provide largest size possible to minimize seams, 6.0-mils thick, frosted or black as indicated.

Duct tape: Provide duct tape in 2" or 3" widths as indicated, with an adhesive which is formulated to aggressively stick to sheet polyethylene.

Spray Cement: Provide spray adhesive in aerosol cans which is specifically formulated to stick to sheet polyethylene.

Framing Lumber: Provide construction grade nominal size framing lumber, which is fire retardant treated (FRT). All framing lumber shall meet AWPA Standard C-20 Interior type A requirements. Follow-up inspection of product and kiln dried after treatment (KDAT). Use Southern Pine or equal.

Plywood: Plywood for wall, roof and ceiling sheathing shall be ½" thick, APA Rated Sheathing for 16" framing spacing. It shall be fire retardant treated (FRT) and meet AWPA Standard C-27 Interior Type A.

Caulking: Caulking for this project shall be Dow Corning 795 Silicone Building Sealant, Pecora 864 Architectural Silicone or Tremco Spectrum 2.

CRITICAL BARRIERS:

Completely separate the work area from other portions of the building, and the outside by sheeting at least 6-mil in thickness, or by sealing with duct tape.

Individually seal all ventilation openings (supply and exhaust), lighting fixtures, clocks, doorways, windows, connectors and speakers, and other openings into the work area with duct tape alone or with polyethylene sheeting 6-mil in thickness, taped securely in place with duct tape. Maintain seal until all work including Project Decontamination is completed. Lighting fixtures should be disconnected and locked out to avoid melting or burning of sheeting.

Provide sheet plastic barriers at least 6-mil in thickness as required to completely seal openings from the work area into adjacent areas. Seal the perimeter of all sheet plastic barriers with duct tape or spray cement.

ENCLOSURE OF GROSS REMOVAL WORK AREAS:

Enclose work area with one (1) layer of plastic on windows and doors, or as otherwise directed on the contract drawings or in writing by the program manager.

Tape on all joints including those joining with the floor covering with duct tape or as otherwise indicated on the contract documents or in writing by the Asbestos Consultant.

EXTENSION OF THE WORK AREA:

Extension of Work Area: If the enclosure barrier is breached in any manner that could allow the passage of asbestos debris or airborne fibers, than add affected area to the work area, enclose it as required by this Section of the specifications and decontaminate it as described in Section 01711.

MAINTENANCE OF ENCLOSURE SYSTEM:

A. The Contractor shall construct and ensure that all barriers and plastic linings are effectively sealed. Any breach in barriers should be repaired and any defects remedied immediately upon discovery. See requirements of this section for extension of enclosure.

B. Visual inspection of enclosures shall be made at the end of removal.

THREE STAGE DECONTAMINATION UNIT

Provide a Personnel Decontamination Unit consisting of a serial arrangement of connected rooms or spaces as shown. Require all persons without exception to pass through this decontamination unit before entering into and exiting the work area for any purpose.

Changing Room or Clean Room: Provide a room that is physically and visually separated from the rest of the building for the purpose of changing into protective clothing. Construct using polyethylene sheeting, at least 6-mil in thickness, to provide an airtight seal between the changing room and the rest of the building. Locate so that access to Work Area from Changing Room is through Shower Room. Separate Changing Room from the building by sheet polyethylene flapped doorway as indicated.

Shower Room: Provide a completely watertight operational shower to be used for transit by cleanly dressed workers heading for Work Area from the Changing Room, or for showering by workers headed out of the Work Area after undressing in the Equipment Room.

Construct a room by providing a shower pan and (2) shower walls in a configuration that will cause water running down the walls to drip into the pan. Install a freely draining wooden floor in shower pan at elevation of top of pan.

Separate this room from the rest of the building with airtight walls fabricated of 6-mil polyethylene.

Provide showerhead and controls.

Provide temporary extensions of existing hot and cold water and drainage, as necessary for a complete and operable shower.

A 5-micron filter shall filter shower drainage before dispensing into sanitary drain.

Provide a soap dish and a continuously adequate supply and maintain in sanitary condition.

Arrange so that the water from showering does not splash into the Changing or Equipment Rooms.

Pre-constructed showers designed for portability may be substituted for shower structure.

Equipment Room or Contaminated Area: Require work equipment, footwear, and additional contaminated work clothing to be left here. This is a change and transit area for workers. Separate this room from the work area by a 6-mil polyethylene flap doorway.

Separate this room from the rest of the building with airtight walls fabricated of 6-mil polyethylene.

Separate this room from the shower room with airtight walls fabricated of 6-mil polyethylene.

Provide an asbestos bag in this area for the workers to put their contaminated protective clothing.

Specifications for air monitoring of personnel and clearance of the contained work area for re-occupancy, to include the number of collection points of samples and analytical method:

1. The contractor is responsible for personnel air monitoring as stated in OSHA CFR 29,1910.1001 and 1926.1101.

2. According to table 64-63B of the West Virginia Legislative Rules Division of Health (Title 64 Series 63 1998) an air clearance will be required by a West Virginia licensed clearance air monitor.

Schematic location and specifications of the following:

HVAC shut off and seal with 6-mil poly
ELECTRICAL POWER – None at site.
WATER SOURCE – None at site.
FIRE EXITS - See locations on drawing.
FIRE EXTINGUISHERS – Supplied by contractor, minimum of two (2) located on site.
TELEPHONE - Cell phone.
TOOL / EQUIPMENT / SUPPLY BOX - Located near the work area.

Specifications for HEPA exhaust air filtration units and backups:

SUBMITTAL:

Before the start of work submit a design of negative air system to Owner's Representative for review. The following shall be included in the submittal:

Number and capacity of negative air machines to be used, calculated volumes of work area to be ventilated, number of air changes per hour anticipated, pressure differential anticipated, and a diagram of air inlets, machine placements, and projected air flow. Provide a description of work practices.

QUALITY ASSURANCE: The contractor shall monitor pressure differential between the work area and the building outside of the work area with a differential pressure meter incorporating a strip chart recorder. The meter shall be equipped with a warning device that will sound continuously if pressure differential drops below 0.02" of water.

PRODUCTS

NEGATIVE AIR MACHINES:

General: Supply the required number of asbestos air filtration units to the site in accordance with these specifications. Each unit shall include the following:

Cabinet: Constructed of steel or other durable materials able to withstand damage from rough handling and transportation. The width of the cabinet should be less than 30 inches to fit through standard-size doorways. Cabinet shall be factory sealed to prevent asbestos-containing dust from being released during use, transportation, or maintenance.

Access to and replacement of all air filters shall be from air intake end. Unit shall be mounted on casters or wheels.

Fans: Rate capacity of fan according to useable air-moving capacity under actual operating conditions. Use centrifugal-type fan.

HEPA Filters: The final filter shall be HEPA type. The filter media (folded into closely pleated panels) must be completely sealed on all edges with a structurally ridged frame.

A continuous rubber gasket shall be located between the filter and the filter housing to form a tight seal.

Each filter shall be individually tested and certified by the manufacturer to have an efficiency of not less than 99.97% when challenged with 0.3-micron dioctylphtalate (DOP) particles. Testing shall be in accordance with Military Standard Number 282 and Army Instruction Manual 136-300-174A. Each filter shall bear a UL586 label to indicate ability to perform under specified conditions.

Each filter shall be marked with the name of the manufacturer, serial number, airflow rating, efficiency and resistance, and the direction of test airflow.

Pre-filters, which protect the final filter by removing the larger particles, are required to prolong the operating life of the HEPA filter. Two stages of pre-filtration are required. The first-stage prefilter shall be a low-efficiency type (e.g., for particles 10 micron and larger). The second-stage (or intermediate) filter shall have a medium efficiency (e.g., effective for particles down to 5 micron). Pre-filters and intermediate filters shall be installed either on or in the intake grid of the unit and held in place with special housings or clamps.

Instrumentation: Each unit shall be equipped with a Magnehelic gauge or manometer to measure the pressure drop across filters and indicate when filters have become loaded and need to be changed. A table indicating the useable air-handling capacity for various static pressure readings on the Magnehlic reading indicating at what point the filters should be changed, noting Cubic Feet per Minute (CFM) air delivery at that point. Provide units equipped with an elapsed time meter to show the total accumulated hours of operation.

Safety and Warning Devices: The unit shall have an electrical or mechanical lockout to prevent fans from operating without a HEPA filter. Units shall be equipped with an automatic shutdown system to stop the fan in the event of a major rupture in the HEPA filter or blocked air discharge.

Warning lights are required to indicate normal operation, too high-pressure drip across the filters (i.e., filter overload), and too low of a pressure drop (i.e., major rupture in HEPA filter or obstructed discharge).

Electrical components shall be approved by the National Electrical Manufacturers Association (NEMA) and Underwriter's Laboratories (UL). Each Unit shall be equipped with overload protection sized for the equipment. The motor, fan, fan housing, and cabinet shall be grounded.

EXECUTION PRESSURE DIFFERENTIAL

Provide a fully operational negative air system within the work area maintaining continuously a pressure differential across the work area of 0.02" of water. Demonstrate to the Owner's Representative the pressure differential by use of a pressure differential meter of a manometer, before disturbance of any asbestos-containing materials.

MONITORING
Continuously monitor and record the pressure differential between the work area and the building outside of the work area with a monitoring device incorporating a strip chart recorder.

Location of Exhaust Units: Locate exhaust unit(s) so that makeup air enters the work area primarily through decontamination facilities and traverse work area as much as possible. This may be accomplished by positioning the exhaust unit(s) at a maximum distance from the worker access opening or other makeup air sources.

Place end of unit or its exhaust duct through an opening in the plastic barrier or wall covering. The plastic around the unit or duct shall then be sealed with tape.

Vent to Outside of Building, unless authorized in writing by the Owner's Representative.

Supplemental Makeup Air Inlets: Provide where required for airflow through the workspace in location approved by the Owner's Representative by making openings in the plastic sheeting that allows air from outside the building into the work area. Locate auxiliary makeup air inlets as far as possible from the exhaust unit(s) (e.g., on an opposite wall), off the floor (preferably near the ceiling), and away from barriers that separate the work area from occupied clean areas. Cover with flaps to reseal automatically if the negative pressure system should shut down for any reason. Spray flap and opening with spray adhesive so that the flap seals if it closes.

Description of work procedures to be used:

Removal and disposal of roof mastic:

- Remove mastic using wet methods
- Clean entire area with HEPA filter equipped vacuum.
- Wet wipe area after vacuuming.
- All material is to be double bagged in 6-mil, asbestos bags

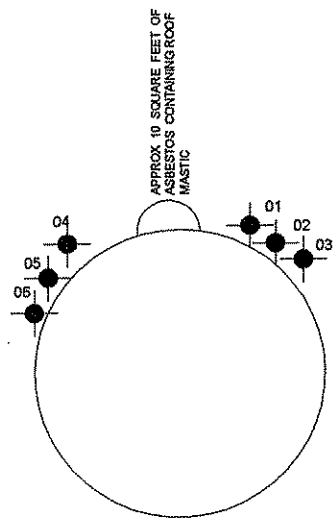
Description of materials and tools to be used:

Contractor is to provide all equipment and personnel necessary for the complete removal of roof mastic. (6-mil poly, encapsulates, scrappers, knives, power tools, suits, respirators, gfi's, and HEPA vacuums).

Disclaimer:

The asbestos project design developed by SiteScan, Incorporated has been prepared utilizing information made available by SiteScan inc. SiteScan, Incorporated makes no warranty, expressed or implied, that the plans and specifications identify all of the asbestos containing materials located in the subject property.

DRAWING



SAMPLE LOCATION

SAMPLE LOCATION WITH ASBESTOS

WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN SILO	10/30/06	JRS	1 OF 1

CERTIFICATES

233-60-6347

Social Security Number

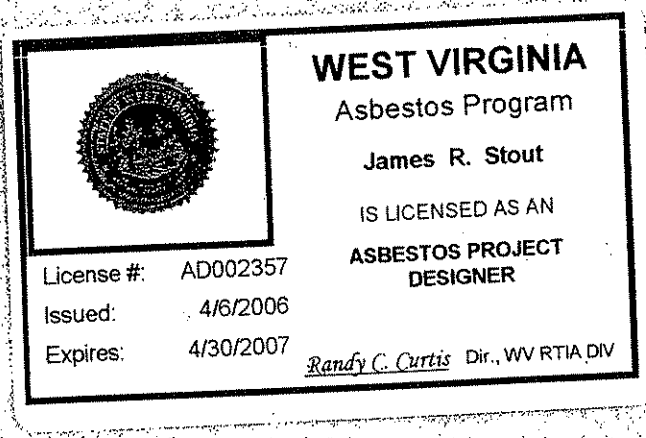
PDR-091305-003

Certificate Number

ASBESTOS TESTING INC.
5205 NOYES AVENUE CHARLESTON, WV 25304
(304) 925-6795

This is to certify that **James Stout** has successfully completed the Asbestos Project Design Refresher Course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements of 40 CFR part 763 AHERA for purposes of accreditation under TSCA Title II.

9-13-05	8		
Training Dates	Total Hours		
9-13-05	9-13-06	Jarod Hague	
Exam Date	Expiration Date	Instructor	



WEST VIRGINIA

Asbestos Program

James R. Stout

IS LICENSED AS AN

ASBESTOS PROJECT DESIGNER

License #: AD002357

Issued: 4/6/2006

Expires: 4/30/2007

Randy C. Curtis Dir., WV RTIA DIV

NOTIFICATION

ASBESTOS INSPECTION REPORT
OF
ONE (1) STRUCTURE
SCHEDULED FOR DEMOLATION IN
PRUNTYTOWN, WV

Silo

NOV 3 0 2006

To

West Virginia Dept of Agriculture
Attn. Connie Toliey
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

October 2006

Prepared and Submitted by

James R. Stout, Inspector

Reviewed By

Table of Contents

EXECUTIVE SUMMARY

Building name:	PTS (unoccupied silo)			
Building address:	Pruntytown WV			
Building owner:	West Virginia Dept. of Agriculture			
Contact name:	Ms Connie Toliey 1900 Kanawha Blvd. East Charleston, WV 25305-9985			
Building description:	A concrete silo.			
Construction date:	N/A			
Inspection date:	10/30/06			
Inspector:	Mr. James R. Stout Mr. Robert A. Gerwig	Certf. Date 04/20/07	Lic. No. AI004089	Exp Date 08/31/07
Laboratory: Analyzed by:	SiteScan Inc. James R. Stout		LT000225	

Asbestos containing materials

QUANTITY	MATERIALS	% ASBESTOS	LOCATION
10 square feet	Roof mastic	10% Chrysotile	Page 5

INTRODUCTION

Connie Toliey requested an asbestos inspection of a silo at Pruntytown, WV.
Mr. James R. Stout, EPA Accredited and WV Licensed Inspector (WV License No. AI004089) assisted by Mr. Robert A. Gerwig inspected this structure on October 30, 2006. Mr. Tom Carson was contacted before this inspection was performed.

Six (6) samples were collected and reported.

This inspection report contains the following:
1. Building description and summary with description, location, quantity and results of the laboratory analysis of each suspected asbestos containing material.
2. Laboratory sample analysis.
3. Certificates and license of inspector and analytical laboratory.

SCOPE

The goal of this inspection is to locate any and all asbestos containing materials located in this structure.
Samples were taken from areas based upon both selective and random sampling strategies depending upon the nature of the suspect material and its condition, size, and type.
Non-destructive sampling is taking small samples of material, in areas that are mostly hidden (behind doors, electric switch plates etc.). These locations will not be marked at the sampling point unless requested by the client.
In general, non-destructive sampling was utilized, unless the inspector suspected asbestos containing material to be located in an inaccessible area, such as pipe insulation in a wall. The inspector, if possible, may have removed a portion of the interfering material to gain sampling access. However, demolition and renovation contractors should be alerted that non-sampled asbestos containing materials might be present in such inaccessible areas.
Each sample is assigned a unique sample identification number composed of a four (4) or five (5) -digit identification code. As the sample was collected, the sample number was indelibly marked at the location of the sample and on the sample container.

BUILDING DESCRIPTION AND SAMPLE SUMMARY

General notes: Bolded descriptions indicate an asbestos containing material.

EXTERIOR DESCRIPTION

- This structure is a concrete silo with;
  - **Approximately 10 square feet of roofing mastic material** on the outside about eight feet of the ground (an old roof line).

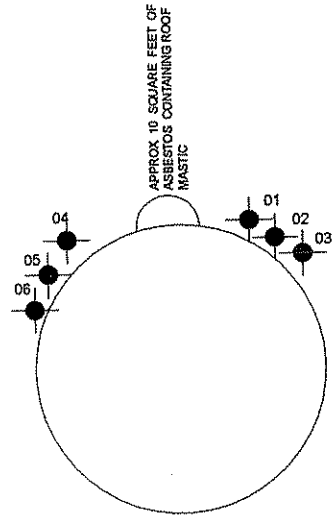
INTERIOR DESCRIPTION

- No insulation on the piping or ductwork.

Room 1, 12' Dim.

- The floor is concrete.
- The walls are concrete

DRAWINGS



SAMPLE LOCATION

SAMPLE LOCATION WITH ASBESTOS

WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN SILO	10/30/06	JRS	1 OF 1

ASBESTOS BULK ANALYSIS

SiteScan. Inc

sitescancorp.com
LICENSE: LT000253
AIHA ID: 100575

PLM ANALYSIS

436 12th Street
Dunbar, West Virginia
Voice: 304.768.2233
Fax: 304.468.9988

WV Dept. of Agriculture
ATTN: Connie Tolley
1900 Kanawha Blvd. East
Charleston,West Virginia

Analyst:James Stout
Sample Count: 7
Location: Pruntytown Silo

Project: 0605-073A
Client Project: Pruntytown Silo
Date Received: 10/30/06
Date Analyzed: 11/06/06

ID	Description		
PTS-1	- Black Mastic CHRY: 5%	**Filler: 95 %**	**Asbestos: 5%**
PTS-2	- Black Mastic CHRY: 5%	**Filler: 95 %**	**Asbestos: 5%**
PTS-3	- Black Mastic CHRY: 5%	**Filler: 95 %**	**Asbestos: 5%**
PTS-4	- Grey Mastic CHRY: 10%	**Filler: 90 %**	**Asbestos: 10%**
PTS-5	- Grey Mastic CHRY: 10%	**Filler: 90 %**	**Asbestos: 10%**
PTS-6	- Grey Mastic CHRY: 10%	**Filler: 90 %**	**Asbestos: 10%**

Analyst:

Reviewed By:Danielle Harrison

SiteScan, Inc. Environmental Assessment Specialists
6404 MacCorkle Ave, SW, Suite #2 • St. Albans West Virginia 25177
www.sitescancorp.com

ASBESTOS BULK SAMPLE LOG & CHAIN OF CUSTODY

Client: 0605-023A Inspector: Inspector:

SiteScan Job#: Date: Turn Around Time: Same Day 24 Hour 3 to 5 Day

Job Location:

Sample #	Lab #	Sample Material	Location / Remarks
PTS-01		Black Mastic	1042
02		"	
03		"	
04		Grey Mastic	
05		"	
06		"	

Relinquished by	Date	Time	Received By	Date	Time

CERTIFICATES

222-60-6347

Social Security Number

IRC-040206-003

Certificate Number

ASBESTOS TESTING INC.

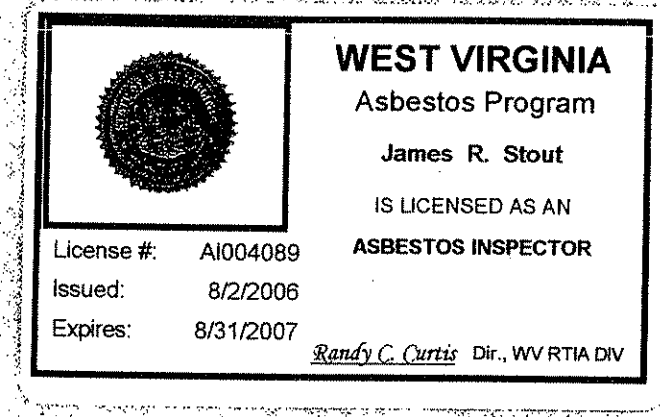
5205 NOYES AVENUE CHARLESTON, WV 25304

(304) 925-6795

This is to certify that James R. Stout has successfully completed the **Asbestos Building Inspector Refresher Course** with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements of 40 CFR part 763 AHERA for purposes of accreditation required under TSCA Title II. This class was conducted at the Knights Inn.

04-21-06	4	
Training Dates	Total Hours	
04-21-06	04-21-07	Sam Jerrell
Exam Date	Expiration Date	Instructor

LITHO. IN U.S.A.



WEST VIRGINIA

Asbestos Program

James R. Stout

IS LICENSED AS AN

ASBESTOS INSPECTOR

License #: AI004089

Issued: 8/2/2006

Expires: 8/31/2007

Randy C. Curtis Dir., WV RTIA DIV

ASBESTOS INSPECTION REPORT
OF
ONE (1) STRUCTURE
SCHEDULED FOR DEMOLATION IN
PRUNTYTOWN, WV

House

To

West Virginia Dept of Agriculture
Attn. Connie Toliey
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

October 2006

Prepared and Submitted by

James R. Stout, Inspector

Reviewed By

Table of Contents

EXECUTIVE SUMMARY

Building name:	PTH (unoccupied House)			
Building address:	Pruntytown WV			
Building owner:	West Virginia Dept. of Agriculture			
Contact name:	Ms Connie Toliey 1900 Kanawha Blvd. East Charleston, WV 25305-9985			
Building description:	A three story frame house with basement.			
Construction date:	N/A			
Inspection date:	10/30/06			
		Certif. Date	Lic. No.	Exp Date
Inspector:	Mr. James R. Stout Mr. Robert A. Gerwig	04/20/07	AI004089	08/31/07
Laboratory:	SiteScan Inc.		LT000225	
Analyzed by:	James R. Stout			

Asbestos containing materials

QUANTITY	MATERIALS	% ASBESTOS	LOCATION
180 square feet	White 9" x 9" floor tile	2% Chrysotile	Page 7, Room 7
10966 square feet	Wall plaster	2% Chrysotile	Pages 6 thru 9, Rooms 1, 2, 3, 4, 5, 6, 7, 8, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24
4864 square feet	Ceiling plaster	5% Chrysotile	Pages 6 thru 9, Rooms 1, 2, 3, 4, 5, 6, 7, 8, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24

INTRODUCTION

Connie Toliey requested an asbestos inspection of a Three-story house at Pruntytown, WV.
Mr. James R. Stout, EPA Accredited and WV Licensed Inspector (WV License No. AI004089) assisted by Mr. Robert A. Gerwig inspected this structure on October 30, 2006. Mr. Tom Carson was contacted before this inspection was performed.

Forty-two (42) samples were collected and Fifty-nine (59) were reported.

This inspection report contains the following:
1. Building description and summary with description, location, quantity and results of the laboratory analysis of each suspected asbestos containing material.
2. Laboratory sample analysis.
3. Certificates and license of inspector and analytical laboratory.

SCOPE

The goal of this inspection is to locate any and all asbestos containing materials located in this structure.
Samples were taken from areas based upon both selective and random sampling strategies depending upon the nature of the suspect material and its condition, size, and type.
Non-destructive sampling is taking small samples of material, in areas that are mostly hidden (behind doors, electric switch plates etc.). These locations will not be marked at the sampling point unless requested by the client.
In general, non-destructive sampling was utilized, unless the inspector suspected asbestos containing material to be located in an inaccessible area, such as pipe insulation in a wall. The inspector, if possible, may have removed a portion of the interfering material to gain sampling access. However, demolition and renovation contractors should be alerted that non-sampled asbestos containing materials might be present in such inaccessible areas.
Each sample is assigned a unique sample identification number composed of a four (4) or five (5) -digit identification code. As the sample was collected, the sample number was indelibly marked at the location of the sample and on the sample container.

BUILDING DESCRIPTION AND SAMPLE SUMMARY

General notes: Bolded descriptions indicate an asbestos containing material.

EXTERIOR DESCRIPTION

- This structure is a three-story frame house with basement;
  - Approximately 1875 square feet of green roofing shingles over felt paper
  - Approximately 9024 square feet of felt paper under wood siding.

INTERIOR DESCRIPTION

- No insulation on the piping.

Room 1, 14' x 28'

- The floor is wood.
- The walls are **approximately 840 square feet of plaster.**
- The ceiling is **approximately 392 square feet of plaster**.
- There are eight (8) wood windows with glazing.

Room 2, 10' x 18'

- The floor is wood.
- The walls are **approximately 560 square feet of plaster.**
- The ceiling is **approximately 180 square feet of plaster**.
- There is three (3) wood windows with glazing.

Room 3, 12' x 14'

- The floor is wood.
- The walls are block with **approximately 520 square feet of plaster.**
- The ceiling is **approximately 168 square feet of plaster**.
- There is four (4) wood windows with glazing.

Room 4, 6' x 9'

- The floor is wood.
- The walls are **approximately 300 square feet of plaster.**
- The ceiling is **approximately 54 square feet of plaster**.
- There are no windows.

Room 5, 15' x 18'

- The floor is wood.
- The walls are **approximately 860 square feet of plaster.**
- The ceiling is **approximately 270 square feet of plaster.**
- There are six (6) wood windows with glazing.

Room 6, 4' x 12'

- The floor is wood.
- The walls are **approximately 320 square feet of plaster**
- The ceiling is **approximately 48 square feet of plaster**
- There are no windows.

Room 7, 10' x 18'

- The floor has **approximately 180 square feet of white 9" x 9" floor tile** over red concrete.
- The walls are **approximately 760 square feet of plaster.**
- The ceiling is **approximately 180 square feet of plaster.**
- There are five (5) wood windows with glazing.

Room 8, 28' x 46'

- The floor is concrete.
- The walls are **approximately 1480 square feet of plaster.**
- The ceiling is **approximately 1288 square feet of plaster.**
- There are six (6) wood windows with glazing.

Room 9, 30' x 32'

- The floor is concrete.
- The walls are concrete.
- The ceiling is wood.
- There are two (2) wood windows with glazing.

Room 10, 8' x 16'

- The floor is concrete.
- The walls are concrete.
- The ceiling is wood.
- There are two (2) wood windows with glazing.

Room 11, 10' x 14'

- The floor is concrete.
- The walls are concrete.
- The ceiling is wood.
- There is one (1) wood window with glazing.

Room 12, 6' x 18'

- The floor is wood.
- The walls are **approximately 480 square feet of plaster.**
- The ceiling is **approximately 108 square feet of plaster.**
- There are no windows.

Room 13, 10' x 14'

- The floor is wood.
- The walls are **approximately 408 square feet of plaster.**
- The ceiling is **approximately 140 square feet of plaster.**
- There are five (5) wood windows with glazing.

Room 14, 6' x 10'

- The floor is wood.
- The walls are **approximately 320 square feet of plaster.**
- The ceiling is **approximately 60 square feet of plaster.**
- There is one (1) wood window with glazing.

Room 15, 7' x 10'

- The floor is ceramic.
- The walls are **approximately 340 square feet of plaster**
- The ceiling is **approximately 70 square feet of plaster**
- There are two (2) wood windows with glazing.

Room 16, 18' x 22'

- The floor is wood.
- The walls are **approximately 630 square feet of plaster.**
- The ceiling is **approximately 396 square feet of plaster.**
- There are nine (9) wood windows with glazing.

Room 17, 16' x 18'

- The floor is ceramic.
- The walls are **approximately 680 square feet of plaster.**
- The ceiling is **approximately 288 square feet of plaster.**
- There are five (5) wood windows with glazing.

Room 18, 6' x 8'

- The floor is wood.
- The walls are **approximately 280 square feet of plaster.**
- The ceiling is **approximately 48 square feet of plaster**.
- There are no windows.

Room 19, 14' x 14'

- The floor is wood.
- The walls are **approximately 560 square feet of plaster.**
- The ceiling is **approximately 196 square feet of plaster.**
- There are six (6) wood windows with glazing.

Room 20, 14' x 14'

- The floor is wood.
- The walls are **approximately 560 square feet of plaster.**
- The ceiling is **approximately 196 square feet of plaster.**
- There is four (4) wood windows with glazing.

Room 21, 5' x 10'

- The floor is wood.
- The walls are **approximately 300 square feet of plaster.**
- The ceiling is **approximately 50 square feet of plaster.**
- There is one (1) wood window with glazing.

Room 22, 16' x 28'

- The floor is wood.
- The walls are **approximately 448 square feet of plaster.**
- The ceiling is **approximately 298 square feet of plaster.**
- There are two (2) wood windows with glazing.

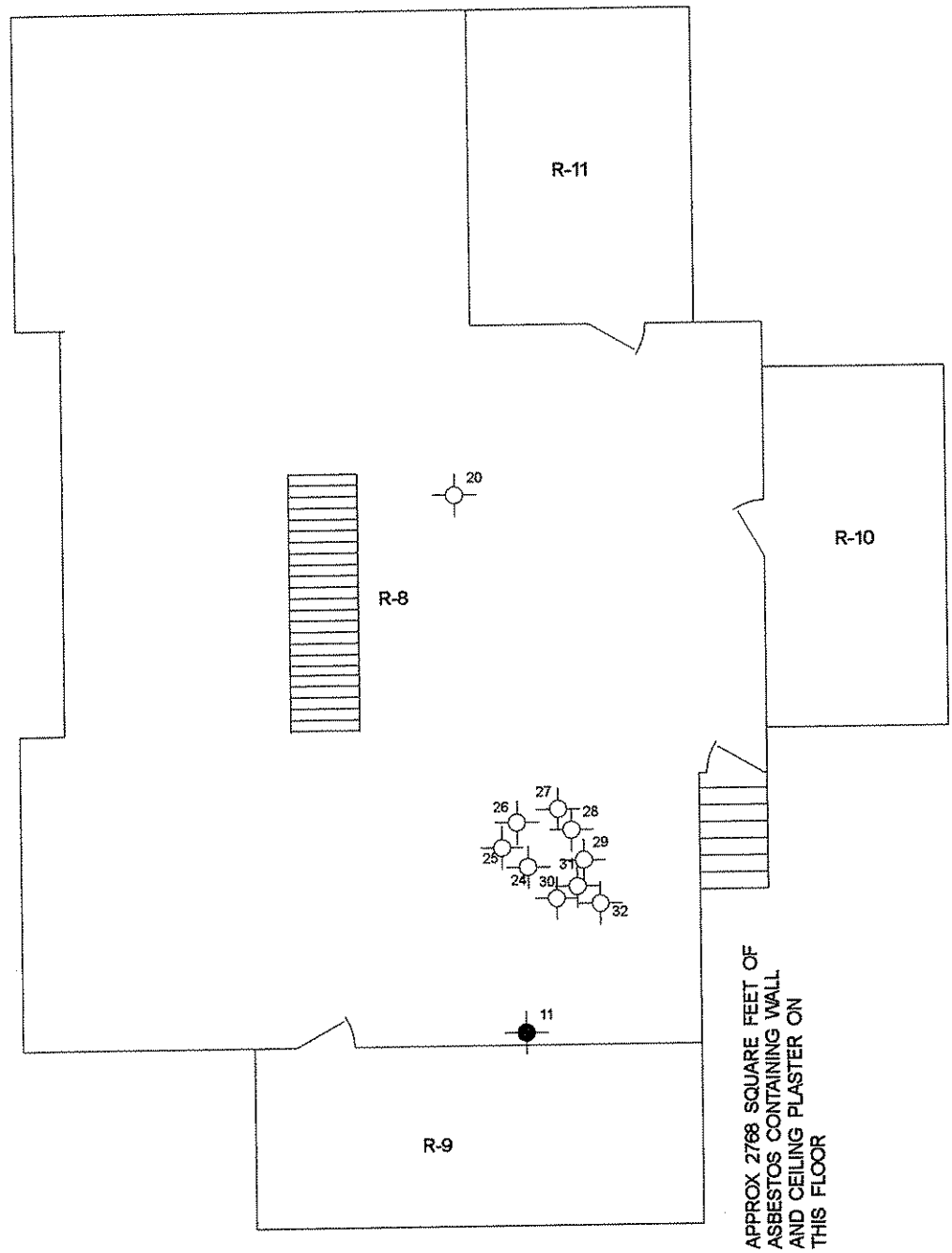
Room 23, 14' x 24'

- The floor is wood.
- The walls are **approximately 760 square feet of plaster.**
- The ceiling is **approximately 224 square feet of plaster.**
- There are two (2) wood windows with glazing.

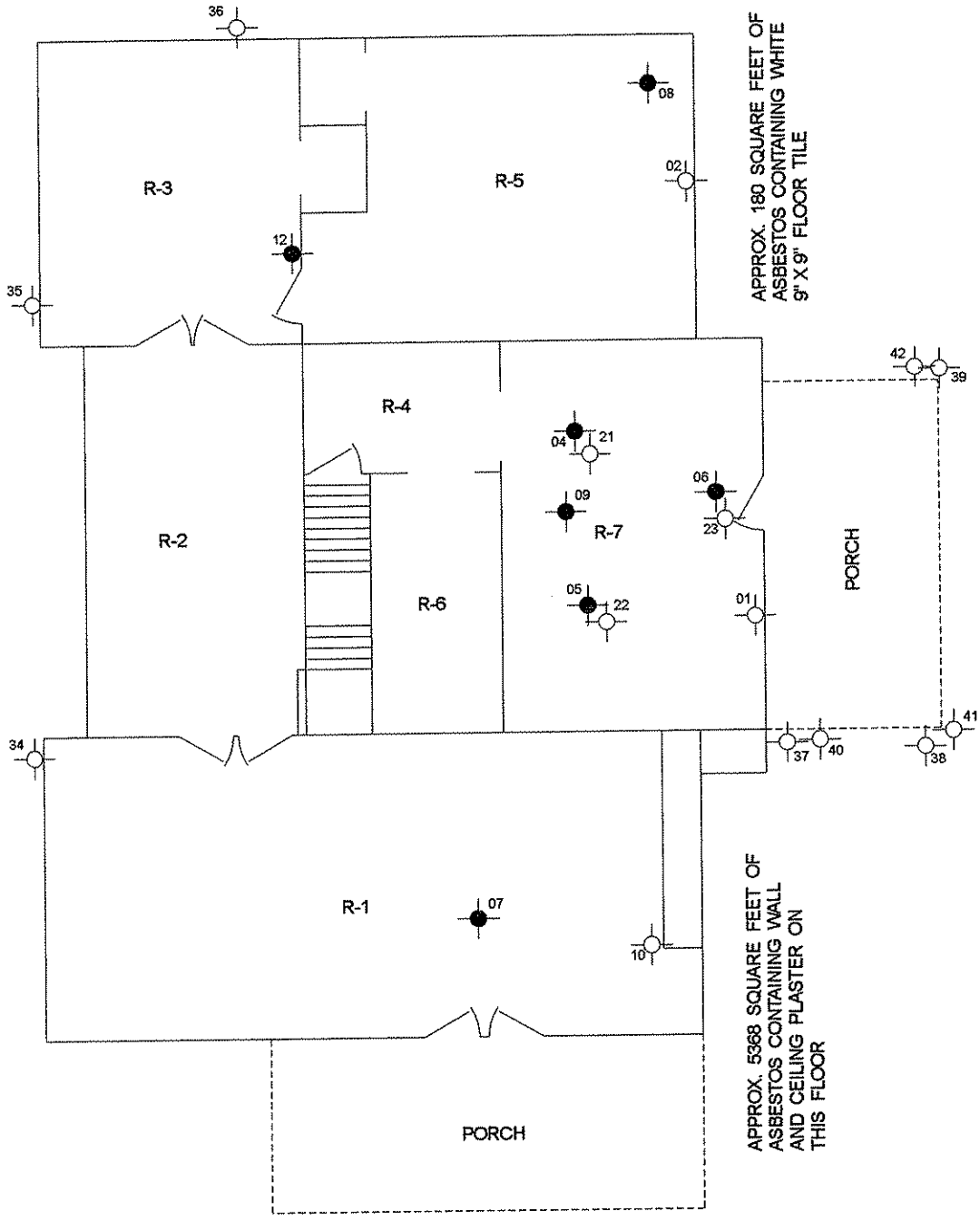
Room 24, 14' x 15'

- The floor is wood.
- The walls are **approximately 580 square feet of plaster**
- The ceiling is **approximately 210 square feet of plaster**
- There are two (2) wood windows with glazing.

DRAWINGS



WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION PRUNTYTOWN HOUSE	DATE 10/30/06	BY JRS	SHEET 1 OF 4



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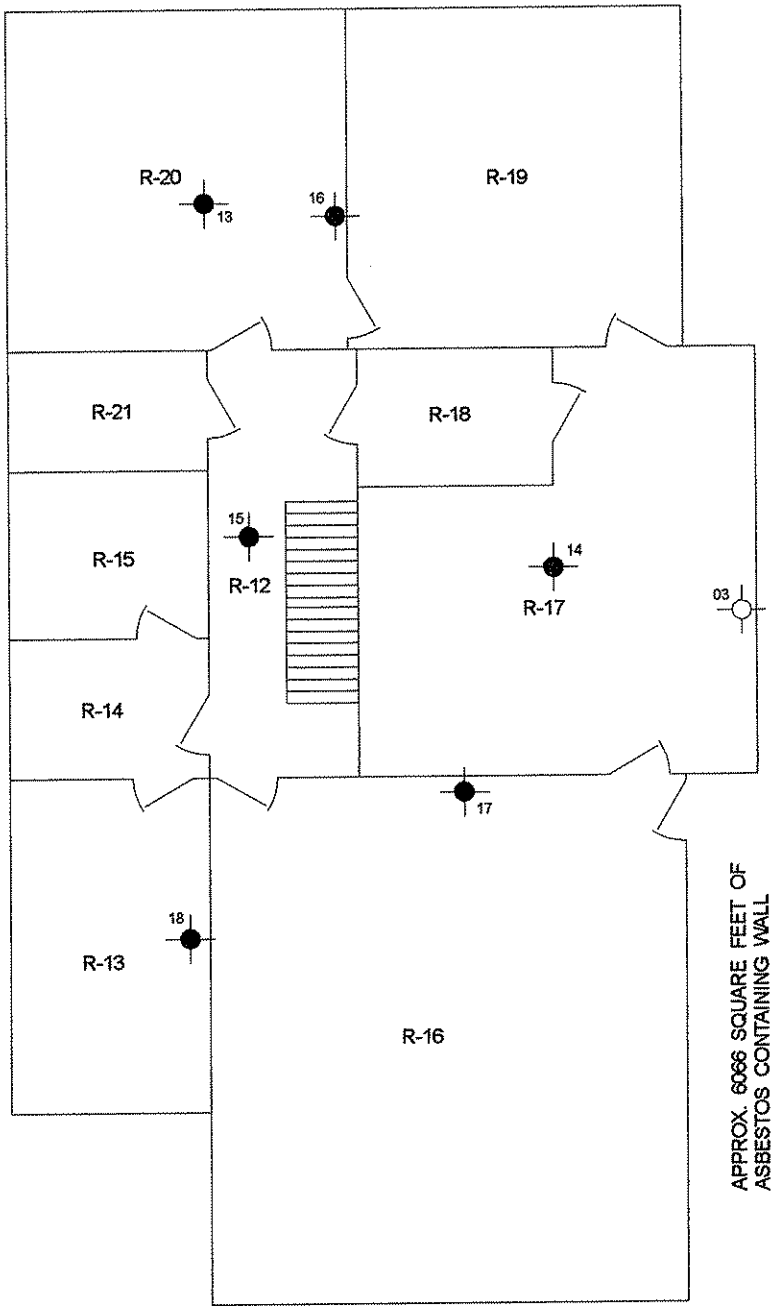
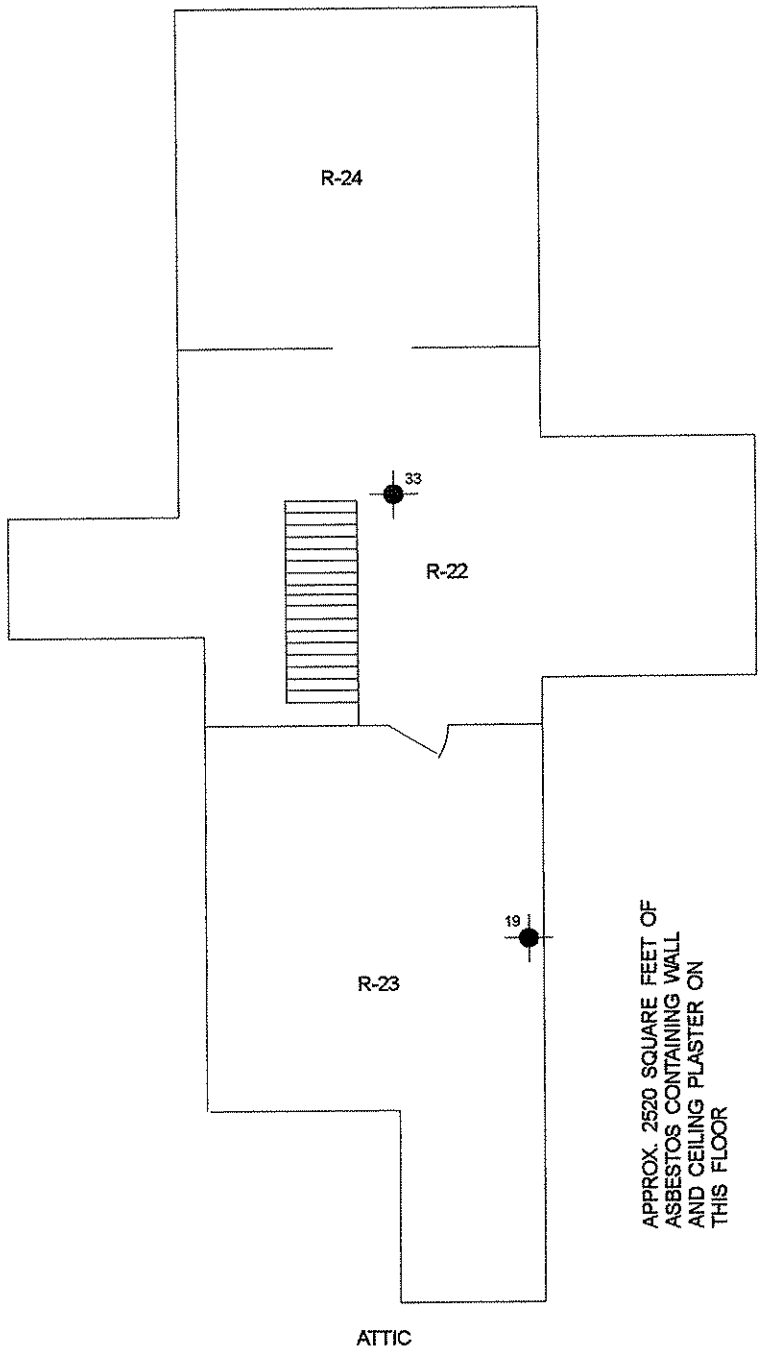


SECOND FLOOR

SAMPLE LOCATION

SAMPLE LOCATION WITH ASBESTOS

WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN HOUSE	10/30/06	JRS	3 OF 4

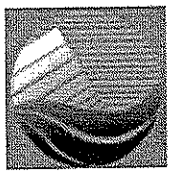


SAMPLE LOCATION

SAMPLE LOCATION WITH ASBESTOS

WEST VIRGINIA DEPT OF AGRICULTUTE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN HOUSE	10/30/06	JRS	4 OF 4

ASBESTOS BULK ANALYSIS



SiteScan. Inc

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LICENSE: LT000253
AIHA ID: 100575

PLM ANALYSIS

436 12th Street
Dunbar, West Virginia
Voice: 304.768.2233
Fax: 304.468.9988

WV Dept. of Agriculture
ATTN: Connie Tolley
1900 Kanawha Blvd. East
Charleston,West Virginia

Analyst:James Stout
Sample Count: 59
Location: Pruntytown House

Project: 0605-073C
Client Project: Pruntytown House
Date Received: 10/30/06
Date Analyzed: 11/07/06

ID	Description			
PTH-01	Room 7 - White Window Glazing		**Filler: 100 %**	**Asbestos: 0%**
PTH-02	Room 5 - White Window Glazing		**Filler: 100 %**	**Asbestos: 0%**
PTH-03	- White Window Glazing		**Filler: 100 %**	**Asbestos: 0%**
PTH-04A	Room 7 - White 0x0 Floor Tile	CHRY: 2%	**Filler: 98 %**	**Asbestos: 2%**
PTH-04B	Room 7 - Black Mastic	Other: 2%	**Filler: 98 %**	**Asbestos: 0%**
PTH-05A	Room 7 - White 9x9 Floor Tile	CHRY: 2%	**Filler: 98 %**	**Asbestos: 2%**
PTH-05B	Room 7 - Black Mastic	Other: 2%	**Filler: 98 %**	**Asbestos: 0%**
PTH-06A	Room 7 - White 9x9 Floor Tile	CHRY: 2%	**Filler: 98 %**	**Asbestos: 2%**
PTH-06B	Room 7 - Black Mastic	Other: 2%	**Filler: 98 %**	**Asbestos: 0%**
PTH-07A	Room 1 - White Ceiling Plaster Top		**Filler: 100 %**	**Asbestos: 0%**
PTH-07B	Room 1 - Grey Ceiling Plaster Bottom	Other: 5% CHRY: 2%	**Filler: 93 %**	**Asbestos: 2%**
PTH-08A	Room 5 - White Ceiling Plaster Top		**Filler: 100 %**	**Asbestos: 0%**
PTH-08B	Room 5 - Grey Ceiling Plaster Bottom	Other: 5% CHRY: 5%	**Filler: 90 %**	**Asbestos: 5%**
PTH-09A	Room 7 - White Ceiling Plaster Top		**Filler: 100 %**	**Asbestos: 0%**
PTH-09B	Room 7 - Grey Ceiling Plaster Bottom	Other: 5% CHRY: 5%	**Filler: 90 %**	**Asbestos: 5%**
PTH-10A	Room 1 Fire Place - White Wall Plaster Top		**Filler: 100 %**	**Asbestos: 0%**
PTH-10B	Room 1 Fire Place - Grey Wall Plaster Bottom	Other: 2%	**Filler: 98 %**	**Asbestos: 0%**
PTH-11A	Room 8 - White Wall Plaster Top		**Filler: 100 %**	**Asbestos: 0%**
PTH-11B	Room 8 - Grey Wall Plaster Bottom	Other: 5% CHRY: 2%	**Filler: 93 %**	**Asbestos: 2%**
PTH-12A	Room 3 - White Wall Plaster Top		**Filler: 100 %**	**Asbestos: 0%**
PTH-12B	Room 3 - Grey Wall Plaster Bottom	Other: 2% CHRY: 2%	**Filler: 96 %**	**Asbestos: 2%**
PTH-13A	Room 20 - White Ceiling Plaster Top		**Filler: 100 %**	**Asbestos: 0%**

PTH-13B	Room 20 - Grey Ceiling Plaster Bottom	Other: 5% CHRY: 5%	Filler: 90 %	Asbestos: 5%
PTH-14A	Room 17 - White Ceiling Plaster Top		Filler: 100 %	Asbestos: 0%
PTH-14B	Room 17 - Grey Ceiling Plaster Bottom	Other: 5% CHRY: 2%	Filler: 93 %	Asbestos: 2%
PTH-15A	Room 22 - White Ceiling Plaster Top		Filler: 100 %	Asbestos: 0%
PTH-15B	Room 22 - Grey Ceiling Plaster Bottom	Other: 5% CHRY: 5%	Filler: 90 %	Asbestos: 5%
PTH-16A	Room 20 - White Wall Plaster Top		Filler: 100 %	Asbestos: 0%
PTH-16B	Room 20 - Grey Wall Plaster Bottom	Other: 5% CHRY: 5%	Filler: 90 %	Asbestos: 5%
PTH-17A	Room 16 - White Wall Plaster Top		Filler: 100 %	Asbestos: 0%
PTH-17B	Room 16 - Grey Wall Plaster Bottom	Other: 5% CHRY: 2%	Filler: 93 %	Asbestos: 2%
PTH-18A	Room 13 - White Wall Plaster Top		Filler: 100 %	Asbestos: 0%
PTH-18B	Room 13 - Grey Wall Plaster Bottom	Other: 5% CHRY: 5%	Filler: 90 %	Asbestos: 5%
PTH-19A	Room 23 - White Wall Plaster Top		Filler: 100 %	Asbestos: 0%
PTH-19B	Room 23 - Grey Wall Plaster Bottom	Other: 5% CHRY: 2%	Filler: 93 %	Asbestos: 2%
PTH-20	Room 8 - Grey Ceiling Plaster		Filler: 100 %	Asbestos: 0%
PTH-21	Room 7 - Red Concrete	Cellulose: 10% Other: 10%	Filler: 80 %	Asbestos: 0%
PTH-22	Room 7 - Red Concrete	Cellulose: 10% Other: 10%	Filler: 80 %	Asbestos: 0%
PTH-23	Room 7 - Red Concrete	Cellulose: 15%	Filler: 85 %	Asbestos: 0%
PTH-24	Room 8 - Black Breaching Mastic		Filler: 100 %	Asbestos: 0%
PTH-25	Room 8 - Black Breaching Mastic		Filler: 100 %	Asbestos: 0%
PTH-26	Room 8 - Black Breaching Mastic	Other: 2%	Filler: 98 %	Asbestos: 0%
PTH-27	Room 8 - Grey Boiler Caulking		Filler: 100 %	Asbestos: 0%
PTH-28	Room 8 - Grey Boiler Caulking		Filler: 100 %	Asbestos: 0%
PTH-29	Room 8 - Grey Boiler Caulking		Filler: 100 %	Asbestos: 0%
PTH-30	Room 8 - Black Boiler Insulation	Other: 99%	Filler: 1 %	Asbestos: 0%
PTH-31	Room 8 - Black Boiler Insulation	Other: 99%	Filler: 1 %	Asbestos: 0%
PTH-32	Room 8 - Black Boiler Insulation	Other: 99%	Filler: 1 %	Asbestos: 0%
PTH-33A	Room 22 - White Ceiling Plaster Top		Filler: 100 %	Asbestos: 0%

PTH-33B	Room 22 - Grey Ceiling Plaster Bottom	Other: 5% CHRY: 2%	Filler: 93 %	Asbestos: 2%
PTH-34	Outside - Black Felt Under Siding	Cellulose: 60%	Filler: 40 %	Asbestos: 0%
PTH-35	Outside - Black Felt Under Siding	Cellulose: 60%	Filler: 40 %	Asbestos: 0%
PTH-36	- Black Felt Under Shingles	Cellulose: 60%	Filler: 40 %	Asbestos: 0%
PTH-37	- Green Roof Shingles	Other: 40%	Filler: 60 %	Asbestos: 0%
PTH-38	- Green Roof Shingles	Other: 40%	Filler: 60 %	Asbestos: 0%
PTH-39	- Green Roof Shingles	Other: 40%	Filler: 60 %	Asbestos: 0%
PTH-40	- Black Felt Under Shingles	Other: 60%	Filler: 40 %	Asbestos: 0%
PTH-41	- Black Felt Under Shingles	Other: 60%	Filler: 40 %	Asbestos: 0%
PTH-42	- Black Felt Under Shingles	Other: 60%	Filler: 40 %	Asbestos: 0%

Analyst:

Reviewed By Danielle Harrison

SiteScan, Inc. Environmental Assessment Specialists
www.sitescancorp.com
6404 MacCorkle Ave, SW, Suite #2 • St. Albans West Virginia 25177

ASBESTOS BULK SAMPLE LOG & CHAIN OF CUSTODY

Client: 0605-073C Inspector: Inspector:

SiteScan Job#: Date: Turn Around Time: Same Day 24 Hour 3 to 5 Day

Job Location:

Sample #	Lab #	Sample Material	Location / Remarks
PTH-01		Window glazing	Rm 7
02		" "	Rm 5
03		" "	
04		9"x9" FT White	Rm 7
05		" "	"
06		" "	"
07		Ceiling Plaster	Rm 1
08		" "	Rm 5
09		" "	Rm 7
10		Wall Plaster	Rm 1 Fire Place
11		" "	Rm 8
12		" "	Rm 3
13		Ceiling Plaster	Rm 20
14		" "	Rm 17
15		" "	Rm 22
16		Wall Plaster	Rm 20
17		" "	Rm 16
18		" "	Rm 13
19		" "	Rm-23
20		Ceiling Plaster	Rm-8
21		Red Concrete	Rm 7
22		" "	"
23		" "	"
24		Brown mastic	Rm-8
25		"	"
26		"	"
27		Boiler caulking	Rm-8
28		" "	"
29		" "	"
30		Boiler insulation	Rm 8
31		" "	"
32		" "	"
33		Ceiling Plaster	Rm 22
34		Felt under Siding	Outside
35		" "	

Relinquished by	Date	Time	Received By	Date	Time

SiteScan, Inc. Environmental Assessment Specialists
6404 MacCorkle Ave, SW, Suite #2 • St. Albans West Virginia 25177
www.sitescancorp.com

ASBESTOS BULK SAMPLE LOG & CHAIN OF CUSTODY

Client:_____ Inspector:_____ Inspector:_____

SiteScan Job#:_____ Date:_____ Turn Around Time: Same Day 24 Hour 3 to 5 Day

Job Location:_____

Sample #	Lab #	Sample Material	Location / Remarks
36		Felt under Shingles	
37		Roof Shingles queen	
38		" "	
39		" "	
40		Felt under Shingles	
41		" "	
42		" "	

Relinquished by	Date	Time	Received By	Date	Time

CERTIFICATES

222-60-6347

Social Security Number

IRC-040206-003

Certificate Number

ASBESTOS TESTING INC.

5205 NOYES AVENUE CHARLESTON, WV 25304

(304) 925-6795

This is to certify that James R. Stout has successfully completed the **Asbestos Building Inspector Refresher Course** with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements of 40 CFR part 763 AHERA for purposes of accreditation required under TSCA Title II. This class was conducted at the Knights Inn.

04-21-06	4		
Training Dates	Total Hours		
04-21-06	04-21-07	Sam Jarrell	
Exam Date	Expiration Date	Instructor	

LITHO. IN U.S.A.

WEST VIRGINIA

Asbestos Program

James R. Stout

IS LICENSED AS AN

ASBESTOS INSPECTOR

License #: AI004089

Issued: 8/2/2006

Expires: 8/31/2007

Randy C. Curtis Dir., WV RTIA DIV

ASBESTOS PROJECT DESIGN for DEMOLATION

Pruntytown House

PREPARED FOR:

West Virginia Dept. of Agriculture
1900 Kanawha Blvd. East
Charleston, WV 25305-9985

November 15, 2006

Prepared By

James R. Stout, Project Designer
West Virginia # A D002357

Reviewed By

SiteScan Inc.
436 12th Street
Suite B
Dunbar, WV 25064

The time frame for each stage of the abatement activity will be as follows:

Pre-clean -
Air Sampling -
Set up components of containments -
Work Period -
Close out -

Facility job location of the asbestos abatement project:

Owner's Name: West Virginia Dept of Agriculture
Address: Pruntytown, WV

Contact: West Virginia Dept of Agriculture
Attn: Connie Toliey
1900 Kanawha Blvd. East
Charleston WV 25305-9985

Project Location: Pruntytown WV

Asbestos Project Designer:

James R. Stout
206 Oak Drive
Hurricane, WV 25526

West Virginia Project Designer #AD002357
Expiration Date: 04/30/07

Statement identifying abatement activity:

1. This asbestos project consists of the removal for demolition, approximately 180 square feet of white 9" x 9" floor tile, 10966 square feet of wall plaster and 4864 square feet of ceiling plaster as indicated on enclosed drawing.

2. The contractor is responsible for all local, state and/or federal permits required for this asbestos abatement project.

3. All personnel to be licensed in accordance with 64 CSR 63 of the state of West Virginia.

4. Full worker protection is required throughout this abatement process as stated in OSHA CFR 29,1910.1001 and 1926.1101.

5. All asbestos containing waste material must be transported according to all DOT and NESHAP regulations, along with any other applicable state, local, and federal regulations. This material must be disposed in a certified asbestos landfill or in a designated area of a sanitary landfill. The waste manifest must be retained.

Construction Specifications and materials needed to build the containment area:

Critical barriers over the doorways, windows and equipment not moved from containment (using 6 mil poly and structural framing material if necessary), disposal bags, suits, and respirators if necessary.

PRODUCTS

Polyethylene Sheet: Provide flame resistant polyethylene film that conforms to requirements set forth by the National Fire Protection Association Standard 701, Small Scale Fire Test for Flame-resistant Textiles and Films. Provide largest size possible to minimize seams, 6.0-mils thick, frosted or black as indicated.

Duct tape: Provide duct tape in 2" or 3" widths as indicated, with an adhesive which is formulated to aggressively stick to sheet polyethylene.

Spray Cement: Provide spray adhesive in aerosol cans which is specifically formulated to stick to sheet polyethylene.

Framing Lumber: Provide construction grade nominal size framing lumber, which is fire retardant treated (FRT). All framing lumber shall meet AWPA Standard C-20 Interior type A requirements. Follow-up inspection of product and kiln dried after treatment (KDAT). Use Southern Pine or equal.

Plywood: Plywood for wall, roof and ceiling sheathing shall be ½" thick, APA Rated Sheathing for 16" framing spacing. It shall be fire retardant treated (FRT) and meet AWPA Standard C-27 Interior Type A.

Caulking: Caulking for this project shall be Dow Corning 795 Silicone Building Sealant, Pecora 864 Architectural Silicone or Tremco Spectrum 2.

CRITICAL BARRIERS:

Completely separate the work area from other portions of the building, and the outside by sheeting at least 6-mil in thickness, or by sealing with duct tape.

Individually seal all ventilation openings (supply and exhaust), lighting fixtures, clocks, doorways, windows, connectors and speakers, and other openings into the work area with duct tape alone or with polyethylene sheeting 6-mil in thickness, taped securely in place with duct tape. Maintain seal until all work including Project Decontamination is completed. Lighting fixtures should be disconnected and locked out to avoid melting or burning of sheeting.

Provide sheet plastic barriers at least 6-mil in thickness as required to completely seal openings from the work area into adjacent areas. Seal the perimeter of all sheet plastic barriers with duct tape or spray cement.

ENCLOSURE OF GROSS REMOVAL WORK AREAS:

Enclose work area with one (1) layer of plastic on windows and doors, or as otherwise directed on the contract drawings or in writing by the program manager.

Tape on all joints including those joining with the floor covering with duct tape or as otherwise indicated on the contract documents or in writing by the Asbestos Consultant.

EXTENSION OF THE WORK AREA:

Extension of Work Area: If the enclosure barrier is breached in any manner that could allow the passage of asbestos debris or airborne fibers, than add affected area to the work area, enclose it as required by this Section of the specifications and decontaminate it as described in Section 01711.

MAINTENANCE OF ENCLOSURE SYSTEM:

A. The Contractor shall construct and ensure that all barriers and plastic linings are effectively sealed. Any breach in barriers should be repaired and any defects remedied immediately upon discovery. See requirements of this section for extension of enclosure.

B. Visual inspection of enclosures shall be made at the end of removal.

THREE STAGE DECONTAMINATION UNIT

Provide a Personnel Decontamination Unit consisting of a serial arrangement of connected rooms or spaces as shown. Require all persons without exception to pass through this decontamination unit before entering into and exiting the work area for any purpose.

Changing Room or Clean Room: Provide a room that is physically and visually separated from the rest of the building for the purpose of changing into protective clothing. Construct using polyethylene sheeting, at least 6-mil in thickness, to provide an airtight seal between the changing room and the rest of the building. Locate so that access to Work Area from Changing Room is through Shower Room. Separate Changing Room from the building by sheet polyethylene flapped doorway as indicated.

Shower Room: Provide a completely watertight operational shower to be used for transit by cleanly dressed workers heading for Work Area from the Changing Room, or for showering by workers headed out of the Work Area after undressing in the Equipment Room.

Construct a room by providing a shower pan and (2) shower walls in a configuration that will cause water running down the walls to drip into the pan. Install a freely draining wooden floor in shower pan at elevation of top of pan.

Separate this room from the rest of the building with airtight walls fabricated of 6-mil polyethylene.

Provide showerhead and controls.

Provide temporary extensions of existing hot and cold water and drainage, as necessary for a complete and operable shower.

A 5-micron filter shall filter shower drainage before dispensing into sanitary drain.

Provide a soap dish and a continuously adequate supply and maintain in sanitary condition.

Arrange so that the water from showering does not splash into the Changing or Equipment Rooms.

Pre-constructed showers designed for portability may be substituted for shower structure.

Equipment Room or Contaminated Area: Require work equipment, footwear, and additional contaminated work clothing to be left here. This is a change and transit area for workers. Separate this room from the work area by a 6-mil polyethylene flap doorway.

Separate this room from the rest of the building with airtight walls fabricated of 6-mil polyethylene.

Separate this room from the shower room with airtight walls fabricated of 6-mil polyethylene.

Provide an asbestos bag in this area for the workers to put their contaminated protective clothing.

Specifications for air monitoring of personnel and clearance of the contained work area for re-occupancy, to include the number of collection points of samples and analytical method:

1. The contractor is responsible for personnel air monitoring as stated in OSHA CFR 29,1910.1001 and 1926.1101.

2. According to table 64-63B of the West Virginia Legislative Rules Division of Health (Title 64 Series 63 1998) an air clearance will be required by a West Virginia licensed clearance air monitor.

Schematic location and specifications of the following:

HVAC shut off and seal with 6-mil poly
ELECTRICAL POWER – None at site.
WATER SOURCE – None at site.
FIRE EXITS - See locations on drawing.
FIRE EXTINGUISHERS – Supplied by contractor, minimum of two (2) located on site.
TELEPHONE - Cell phone.
TOOL / EQUIPMENT / SUPPLY BOX - Located near the work area.

Specifications for HEPA exhaust air filtration units and backups:

SUBMITTAL:

Before the start of work submit a design of negative air system to Owner's Representative for review. The following shall be included in the submittal:

Number and capacity of negative air machines to be used, calculated volumes of work area to be ventilated, number of air changes per hour anticipated, pressure differential anticipated, and a diagram of air inlets, machine placements, and projected air flow. Provide a description of work practices.

QUALITY ASSURANCE: The contractor shall monitor pressure differential between the work area and the building outside of the work area with a differential pressure meter incorporating a strip chart recorder. The meter shall be equipped with a warning device that will sound continuously if pressure differential drops below 0.02" of water.

PRODUCTS

NEGATIVE AIR MACHINES:

General: Supply the required number of asbestos air filtration units to the site in accordance with these specifications. Each unit shall include the following:

Cabinet: Constructed of steel or other durable materials able to withstand damage from rough handling and transportation. The width of the cabinet should be less than 30 inches to fit through standard-size doorways. Cabinet shall be factory sealed to prevent asbestos-containing dust from being released during use, transportation, or maintenance.

Access to and replacement of all air filters shall be from air intake end. Unit shall be mounted on casters or wheels.

Fans: Rate capacity of fan according to useable air-moving capacity under actual operating conditions. Use centrifugal-type fan.

HEPA Filters: The final filter shall be HEPA type. The filter media (folded into closely pleated panels) must be completely sealed on all edges with a structurally ridged frame.

A continuous rubber gasket shall be located between the filter and the filter housing to form a tight seal.

Each filter shall be individually tested and certified by the manufacturer to have an efficiency of not less than 99.97% when challenged with 0.3-micron dioctylphtalate (DOP) particles. Testing shall be in accordance with Military Standard Number 282 and Army Instruction Manual 136-300-174A. Each filter shall bear a UL586 label to indicate ability to perform under specified conditions.

Each filter shall be marked with the name of the manufacturer, serial number, airflow rating, efficiency and resistance, and the direction of test airflow.

Pre-filters, which protect the final filter by removing the larger particles, are required to prolong the operating life of the HEPA filter. Two stages of pre-filtration are required. The first-stage prefilter shall be a low-efficiency type (e.g., for particles 10 micron and larger). The second-stage (or intermediate) filter shall have a medium efficiency (e.g., effective for particles down to 5 micron). Pre-filters and intermediate filters shall be installed either on or in the intake grid of the unit and held in place with special housings or clamps.

Instrumentation: Each unit shall be equipped with a Magnehelic gauge or manometer to measure the pressure drop across filters and indicate when filters have become loaded and need to be changed. A table indicating the useable air-handling capacity for various static pressure readings on the Magnehlic reading indicating at what point the filters should be changed, noting Cubic Feet per Minute (CFM) air delivery at that point. Provide units equipped with an elapsed time meter to show the total accumulated hours of operation.

Safety and Warning Devices: The unit shall have an electrical or mechanical lockout to prevent fans from operating without a HEPA filter. Units shall be equipped with an automatic shutdown system to stop the fan in the event of a major rupture in the HEPA filter or blocked air discharge.

Warning lights are required to indicate normal operation, too high-pressure drip across the filters (i.e., filter overload), and too low of a pressure drop (i.e., major rupture in HEPA filter or obstructed discharge).

Electrical components shall be approved by the National Electrical Manufacturers Association (NEMA) and Underwriter's Laboratories (UL). Each Unit shall be equipped with overload protection sized for the equipment. The motor, fan, fan housing, and cabinet shall be grounded.

EXECUTION PRESSURE DIFFERENTIAL

Provide a fully operational negative air system within the work area maintaining continuously a pressure differential across the work area of 0.02" of water. Demonstrate to the Owner's Representative the pressure differential by use of a pressure differential meter of a manometer, before disturbance of any asbestos-containing materials.

MONITORING

Continuously monitor and record the pressure differential between the work area and the building outside of the work area with a monitoring device incorporating a strip chart recorder.

Location of Exhaust Units: Locate exhaust unit(s) so that makeup air enters the work area primarily through decontamination facilities and traverse work area as much as possible. This may be accomplished by positioning the exhaust unit(s) at a maximum distance from the worker access opening or other makeup air sources.

Place end of unit or its exhaust duct through an opening in the plastic barrier or wall covering. The plastic around the unit or duct shall then be sealed with tape.

Vent to Outside of Building, unless authorized in writing by the Owner's Representative.

Supplemental Makeup Air Inlets: Provide where required for airflow through the workspace in location approved by the Owner's Representative by making openings in the plastic sheeting that allows air from outside the building into the work area. Locate auxiliary makeup air inlets as far as possible from the exhaust unit(s) (e.g., on an opposite wall), off the floor (preferably near the ceiling), and away from barriers that separate the work area from occupied clean areas. Cover with flaps to reseal automatically if the negative pressure system should shut down for any reason. Spray flap and opening with spray adhesive so that the flap seals if it closes.

Description of work procedures to be used:

Removal and disposal of floor tile:

- Place critical barriers over all doors, windows and other opening to the outside of the work area.
- Removal floor tile utilizing wet methods.
- Clean area with HEPA filter equipped vacuum.
- Wet wipe area after vacuuming.
- All material is to be double bagged in 6-mil, asbestos bags.

180 square foot area x 8 foot containment = 1440 cubic feet
1500 cubic feet/minute negative air machine
1500 cfm. x 60 min. =90000 cubic feet per hour per machine
Design containment for four (4) air changes per hour.

1440 c.f. x 4 air changes / 90000cfh = 0.064

One (1) negative air machine with (1) back up will be used on this containment

Removal and disposal of wall and ceiling plaster:

- Place critical barriers over all doors, windows and other opening to the outside of the work area.
- Remove all plaster using wet methods
- Clean entire area with HEPA filter equipped vacuum.
- Wet wipe area after vacuuming.
- All material is to be double bagged in 6-mil, asbestos bags.

Basement

1596 square foot area x 10 foot containment = 15960 cubic feet
1500 cubic feet/minute negative air machine
1500 cfm. x 60 min. =90000 cubic feet per hour per machine
Design containment for four (4) air changes per hour.

15960 c.f. x 4 air changes / 90000cfh = 0.71

One (1) negative air machine with (1) back up will be used on this containment

First floor

2008 square foot area x 10 foot containment = 20080 cubic feet
1500 cubic feet/minute negative air machine
1500 cfm. x 60 min. =90000 cubic feet per hour per machine
Design containment for four (4) air changes per hour.

20080 c.f. x 4 air changes / 90000cfh = 0.89

One (1) negative air machine with (1) back up will be used on this containment

Second floor

2008 square foot area x 10 foot containment = 20080 cubic feet
1500 cubic feet/minute negative air machine
1500 cfm. x 60 min. =90000 cubic feet per hour per machine
Design containment for four (4) air changes per hour.

20080 c.f. x 4 air changes / 90000cfh = 0.89

One (1) negative air machine with (1) back up will be used on this containment

Third floor

822 square foot area x 10 foot containment = 8220 cubic feet
1500 cubic feet/minute negative air machine
1500 cfm. x 60 min. =90000 cubic feet per hour per machine
Design containment for four (4) air changes per hour.

8220 c.f. x 4 air changes / 90000cfh = 0.37

One (1) negative air machine with (1) back up will be used on this containment

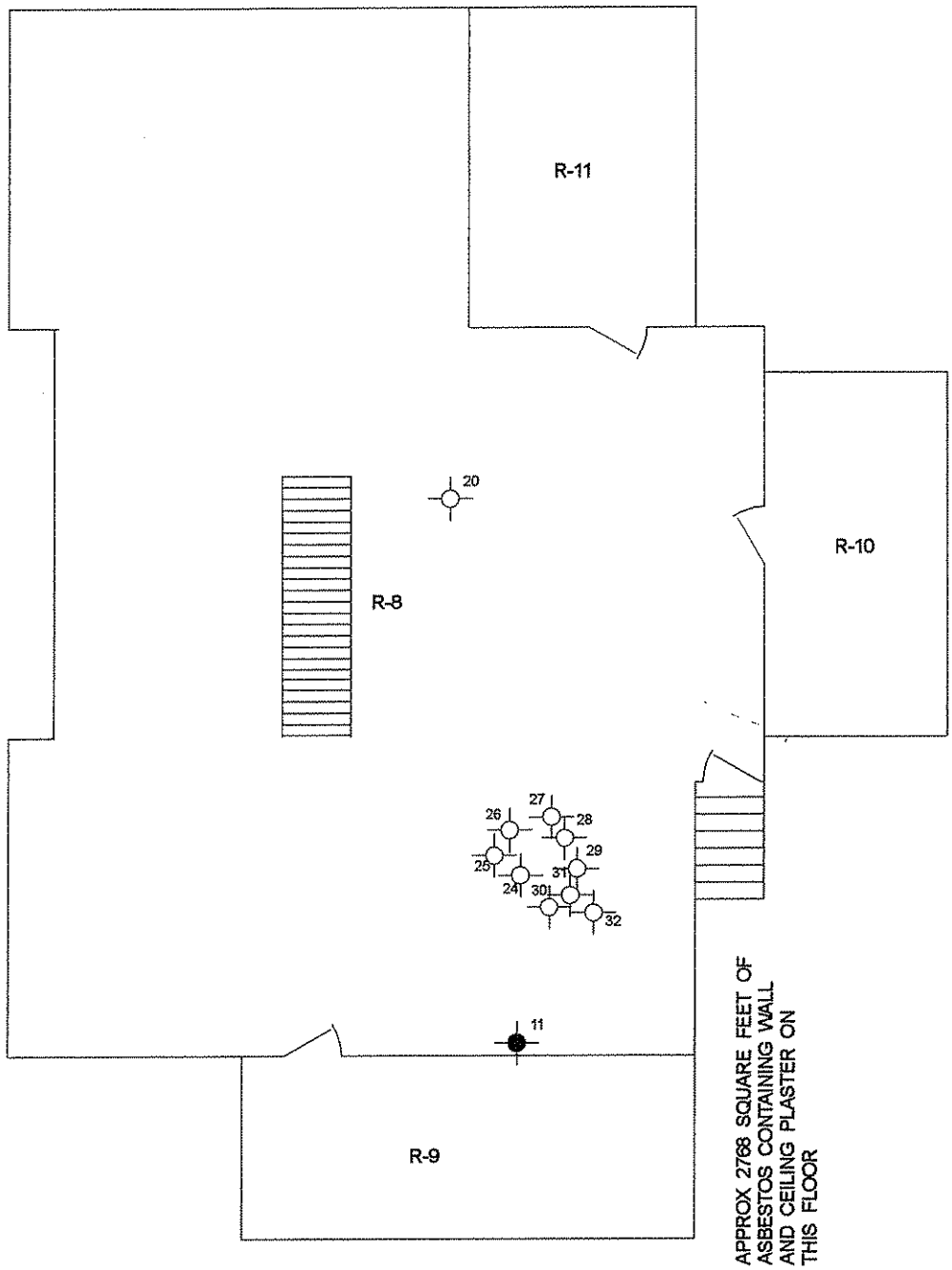
Description of materials and tools to be used:

Contractor is to provide all equipment and personnel necessary for the complete removal of floor tile and plaster. (6-mil poly, encapsulates, scrappers, knives, power tools, suits, respirators, gfi's, and HEPA vacuums).

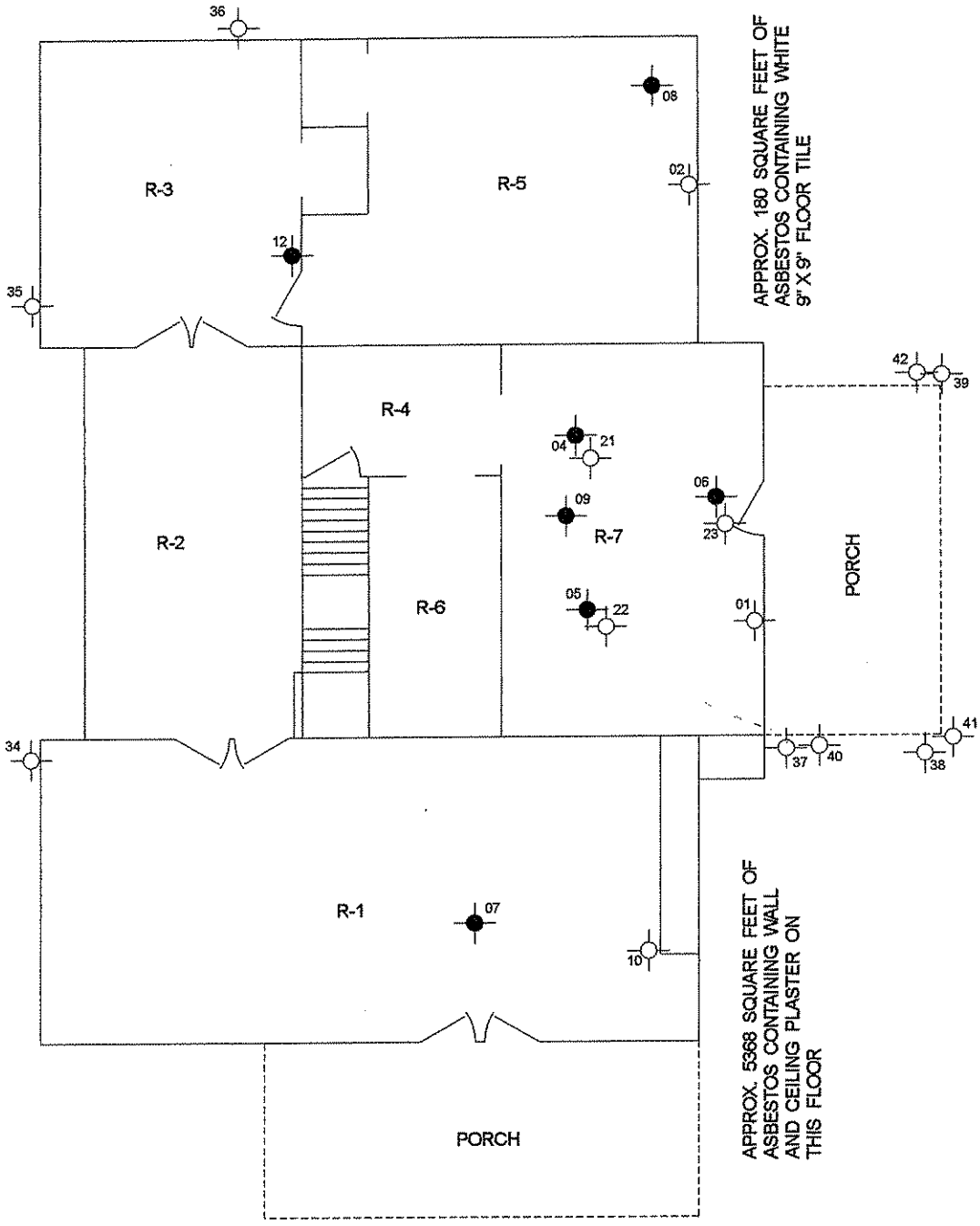
Disclaimer:

The asbestos project design developed by SiteScan, Incorporated has been prepared utilizing information made available by SiteScan inc. SiteScan, Incorporated makes no warranty, expressed or implied, that the plans and specifications identify all of the asbestos containing materials located in the subject property.

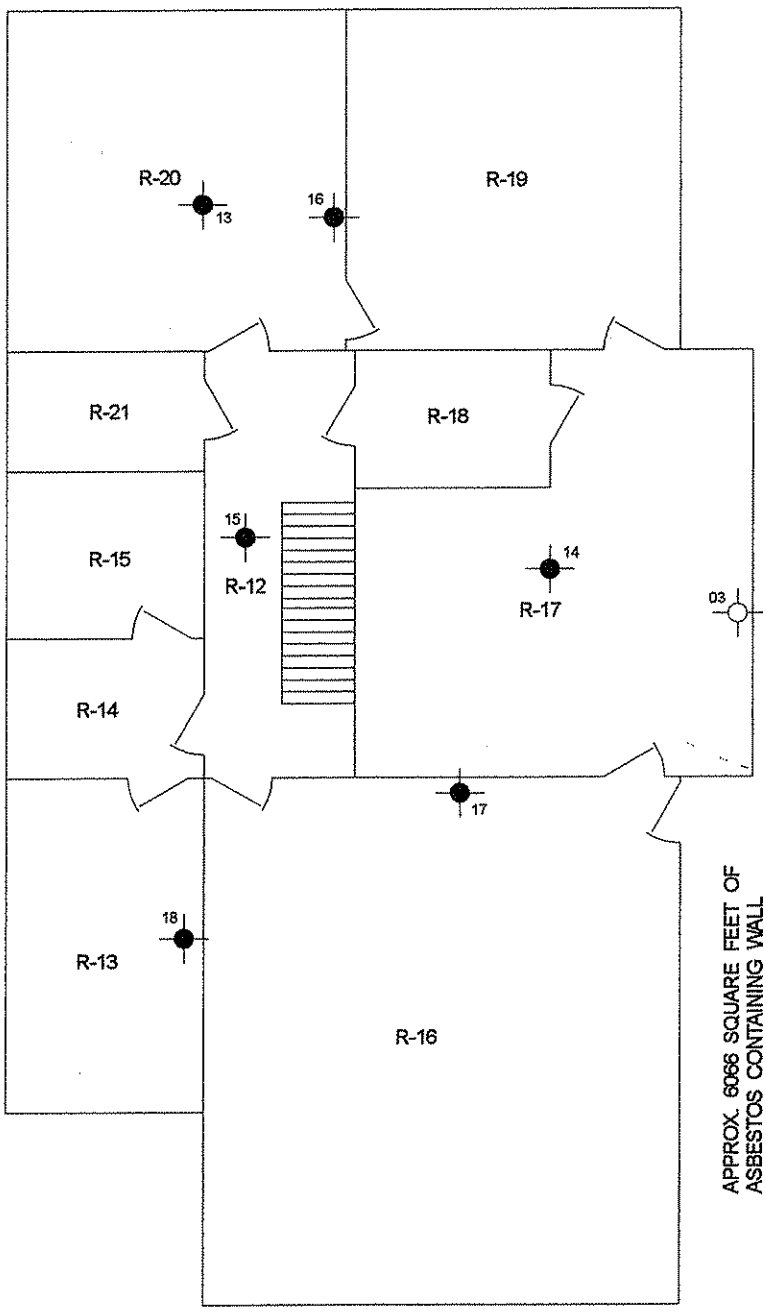
DRAWING



WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN HOUSE	10/30/06	JRS	1 OF 4



WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN HOUSE	10/30/06	JRS	2 OF 4

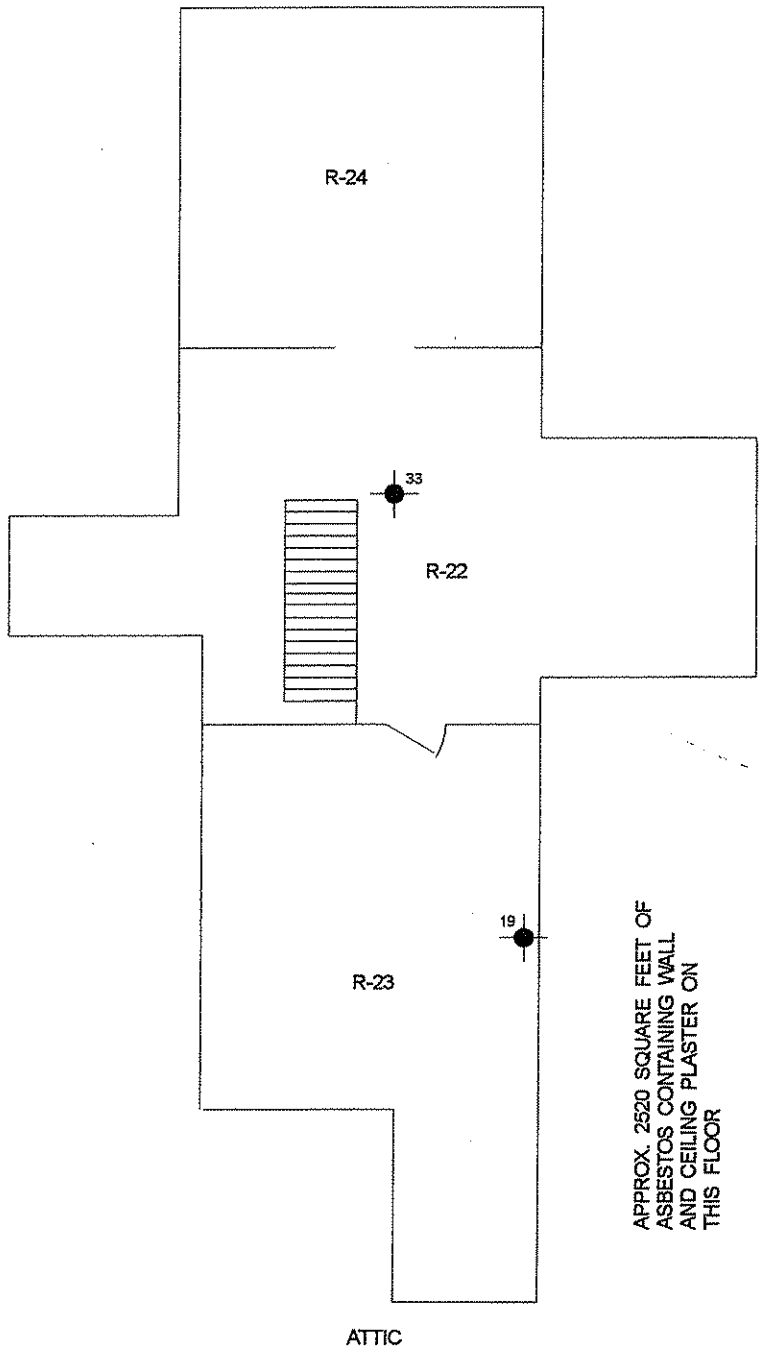


SECOND FLOOR

SAMPLE LOCATION

SAMPLE LOCATION WITH ASBESTOS

WEST VIRGINIA DEPT OF AGRICULTURE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN HOUSE	10/30/06	JRS	3 OF 4



SAMPLE LOCATION

SAMPLE LOCATION WITH ASBESTOS

WEST VIRGINIA DEPT OF AGRICULTUTE	LOCATION	DATE	BY	SHEET
	PRUNTYTOWN HOUSE	10/30/06	JRS	4 OF 4

CERTIFICATES

233-60-6347

Social Security Number

PDR-091305-003

Certificate Number

ASBESTOS TESTING INC.
5205 NOYES AVENUE CHARLESTON, WV 25304
(304) 925-6795

This is to certify that James Stout has successfully completed the Asbestos Project Design Refresher Course with a score of 70% or better. This course is West Virginia and EPA approved and meets the requirements of 40 CFR part 763 AHERA for purposes of accreditation under TSCA Title II.

9-13-05

Training Dates

8

Total Hours

9-13-05

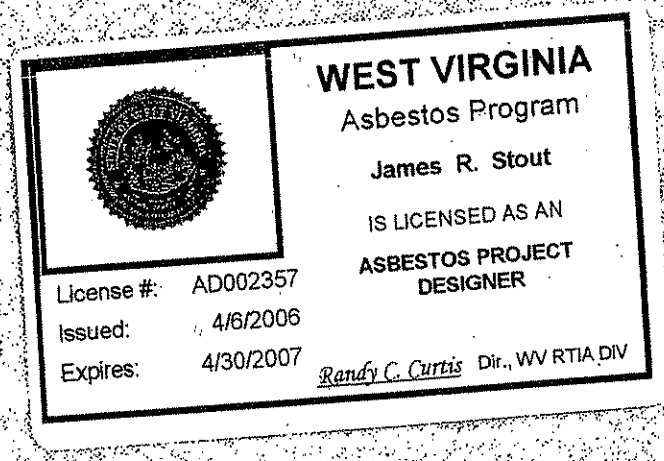
Exam Date

9-13-06

Expiration Date

Jarod Hogue

Instructor



WEST VIRGINIA
Asbestos Program

James R. Stout

IS LICENSED AS AN

ASBESTOS PROJECT DESIGNER

License #: AD002357
Issued: 4/6/2006
Expires: 4/30/2007

Randy C. Curtis Dir., WV RTIA DIV

NOTIFICATION

RFQ No. AGR0749

AFFIDAVIT

West Virginia Code §5A-3-10a states:
No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:
"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION:
The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

LICENSING:
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:
The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit **www.state.wv.us/admin/purchase/privacy** for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: _____

Authorized Signature: _____ Date: _____