



State of Utah

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM NO. 1

Date: October 11, 2010

To: Contractors

From: Matt Boyer

Reference: Wasatch Youth Center Roofing Improvements
Youth Corrections – Salt Lake City, Utah

Project No. 10094430

Subject: **Addendum No. 1**

Pages	Addendum	1 page
	<u>Architects Addendum</u>	<u>12 pages</u>
	Total	13 pages

Note: *This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.*

1.1 SCHEDULE CHANGES – There are no schedule changes for this project.

1.2 GENERAL – P+A Architects, Please see attached sheets.

1.3 Architectural Item No. 6 – Add the word EPDM before the existing roofing rock ballast.

Utah!
Where ideas connect

ADDENDUM NO. 1

Date: October 11th, 2010

PROJECT:

Wasatch Youth Center
Roofing Improvements
Salt Lake City, Utah

ARCHITECT:

P+A ARCHITECTS
821 EAST KENSINGTON AVENUE
SALT LAKE CITY, UT 84105

The original Contract Documents issued for the above noted project are amended as noted in this Addendum. It shall be the sole responsibility of the bidder to appropriately disseminate this information to all concerned prior to the assigned bid time and date, and to coordinate the Addendum with the Contract Documents.

This Addendum consists of a total of Twelve (12) 8 1/2"x11" documents, including this document.

If there are still unresolved questions after examining this addendum, please submit those questions via telephone or facsimile as soon as possible so that an addendum can be issued to clarify those issues in a timely manner.

Architectural:

1. See attached partial roof plan drawing AD-01 indicating location of existing windows between lower and upper roof to be removed and in-fill wall provided.
2. See specification section 07531, section 2.5 Vapor Retarder and section 3.4 Vapor Retarder Installation. No polyethylene vapor barrier will be required.
3. See attached asbestos inspection report from R& R Environmental.
4. See specification section 07531, 2.2 EPDM SHEET. Change EPDM sheet properties to as listed below
 - A. EPDM Sheet: Uniform, flexible sheet formed from a terpolymer of ethylene-propylene-diene, complying with ASTM D 4637, Type I, of the following grade, class, thickness, backing, and exposed face color:
 1. Grade and Class: Grade I and Class U, unreinforced.
 2. Thickness: 90 mils, Nominal. (Thickness fluctuations may not vary more than DFCM requirements)
 3. Backing: None.
5. General contractors may obtain background check for free. General contractors shall contact Vicky Turner at 1-801-284-0200.
6. During the demolition process, the general contractor shall remove the existing roofing rock ballast and located it as follows: The general contractor shall remove and place as directed by the DFCM (4) cubic yards of roof rock ballast to an existing exterior atrium space that is located at the Wasatch Youth Correctional Facility and Youth Courts Complex, 3534 South 700 West, Salt Lake City, Utah. The remainder of the rock ballast shall be removed and delivered to the State DEQ Building located at 1950 West 168 North in Salt Lake City, Utah. Contact information for the placement of the rock ballast is DFCM Grounds Coordinator Allen Olsen at 1-801-538-325. The

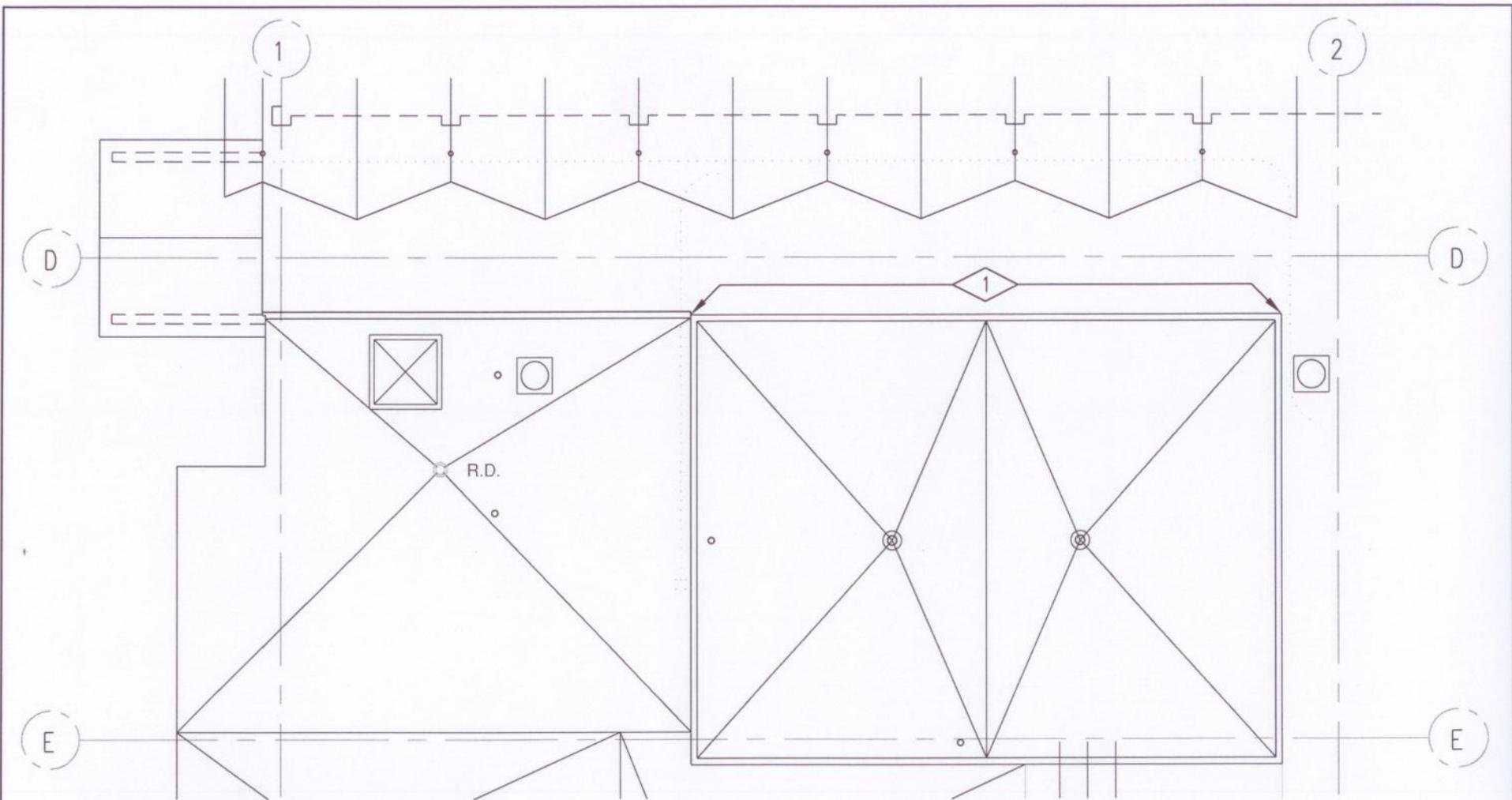
general contractor will be required to coordinate the timing, deliverables and logistics of rock placement with Allen.

7. The general contractor shall have 65 calendar days to complete the project once they start. The project must be completed no later than April 28, 2011.

Architectural Substitutions:

- I. Johns Manville single ply EPDM reinforced and unreinforced roofing membrane may be used as a roofing membrane. Roofing membrane must meet specification requirements.

End of Addendum I



REFERENCE NOTES

1 EXISTING WINDOWS BETWEEN LOWER AND UPPER ROOF TO BE REMOVED. INFILL WINDOW OPENINGS WITH NEW INFILL WALL AS PER DETAIL 05/ARP102

01 **PARTIAL ROOF PLAN**
 AD-01 SCALE 1/6" = 1'-0"

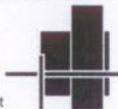
CREATED BY: P+A architects

PROJECT TITLE:

DRAWING TITLE:

SHEET NUMBER

P+A architects
 821 East Kensington Ave.
 Salt Lake City, Utah 84105
 P: 801.484.1161
 F: 801.485.4640
 e-mail parchitects@comcast.net



**WASATCH YOUTH CENTER
 ROOFING IMPROVEMENTS
 SALT LAKE CITY, UTAH**

PARTIAL ROOF PLAN

AD-01

R & R Environmental, Inc.

47 West 9000 South, Suite #2, Sandy, Utah 84070
(801) 352-2380: Office • (801) 352-2381: Fax
www.rrenviro.com

October 7, 2010

Mr. Robert Anderson
Hazardous Materials Manager
State of Utah
Department of Administrative Services
Division of Facilities Construction and Management (DFCM)
State Office Building Room 4110
Salt Lake City, Utah 84114
PH: (801) 538-3624
FX: (801) 538-3267

RE: Asbestos Inspection Results:
Youth Corrections
Wasatch Youth Center (Roof Improvements)
3534 South 700 West
Salt Lake City, Utah

Mr. Anderson,

R & R Environmental, Inc. (R & R) collected thirteen samples from the roof at the *Wasatch Youth Center* in Salt Lake City, Utah on October 5, 2010. Overall, three of the thirteen samples contain asbestos. The annotated site plan in Appendix B identifies roof locations that contain asbestos (highlighted in blue and green). The sampling results are attached in Appendix A: Dixon Information Asbestos Sample Results. Please feel free to contact me with any questions or concerns.

Sincerely,

R & R ENVIRONMENTAL, INC.



David C. Roskelley, MSPH, CIH, CSP
Vice President

APPENDIX A: Dixon Information Asbestos Sample Results
APPENDIX B: Field Notes/Site Plans

APPENDIX A

Dixon Information Asbestos Sample Results

DIXON INFORMATION INC.

MICROSCOPY, ASBESTOS ANALYSIS & CONSULTING

A.I.H.A. ACCREDITED LABORATORY # 101579

NVLAP LAB CODE 101012-0

October 6, 2010

Mr. Dave Roskelley
R&R Environmental
47 West 9000 South, Unit #2
Sandy, UT 84070

Ref: Batch # 93504, Lab # RR29263 - RR29275
Received October 5, 2010
Test report
Wasatch Youth Center
3534 S. 700 W., Salt Lake City
Sampled by Chris

Dear Mr. Roskelley:

Samples RR29263 through RR29275 have been analyzed by visual estimation based on EPA-600/M4-82-020 December 1982, and EPA/600/R-93/116 July 1993 optical microscopy test methods. Appendix "A" contains statements which an accredited laboratory must make to meet the requirements of accrediting agencies. It also contains additional information about the method of analysis. This analysis is accredited by NVLAP. Appendix "A" must be included as an essential part of this test report. The data for this report is accredited by NVLAP for laboratory number 101012-0. It does not contain data or calibrations for tests performed under the AIHA program under lab code 101579.

This report may be reproduced but all reproduction must be in full unless written approval is received from the laboratory for partial reproduction. The results of analysis are as follows:

Lab RR29263, Field 1-WYC-01 Cover

This sample contains four types of material: The first type is 15% synthetic fiber in black tar rubber; the second type is silver colored sealant; the third type is 5% synthetic fiber in black tar; the fourth type is 5% fiberglass in black tar. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 20% of the sample. The second type is 2% of the sample. The third type is 73% of the sample. The fourth type is 5% of the sample.

Lab RR29264, Field 1-WYC-02 Under Insulation

This is perlite, 25% plant fiber and 5% mineral wool in resin binder. **Asbestos is none detected.**

78 WEST 2400 SOUTH • SOUTH SALT LAKE, UTAH 84115-3013

PHONE 801-486-0800 • FAX 801-486-0849 • RES. 801-571-7695

Batch # 93504

Lab # RR29263 - RR29275

Page 2 of 3

Lab RR29265, Field 3-WYC-03 Top Corner

This sample contains five types of material: The first type is brown plant fiber paper; the second type is black rubber; the third type is 60% plant fiber in black tar felt layers; the fourth type is black tar layers; the fifth type is tan plaster with vermiculite. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 2% of the sample. The second type is 10% of the sample. The third type is 35% of the sample. The fourth type is 50% of the sample. The fifth type is 3% of the sample.

Lab RR29266, Field 3-WYC-04 Base Flashing

This sample contains three types of material: The first type is 20% plant fiber in black asphalt shingle with white rocks on one side; the second type is 60% plant fiber in black tar felt layers; the third type is black tar layers. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 35% of the sample. The second type is 30% of the sample. The third type is 35% of the sample.

Lab RR29267, Field 3-WYC-05 Metal Flashing

This sample contains two types of material: The first type is gray rubber; the second type is metal strip. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 25% of the sample. The second type is 75% of the sample.

Lab RR29268, Field 2-WYC-06 Top Asphalt

This sample contains two types of material: The first type is 20% plant fiber in black asphalt shingle with white rocks on one side; the second type is 5% synthetic fiber in black tar. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 50% of the sample. The second type is 50% of the sample.

Lab RR29269, Field 3-WYC-07 Under Layers Gravel Tar

This sample contains two types of material: The first type is pea gravel; the second type is black tar. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 70% of the sample. The second type is 30% of the sample.

Lab RR29270, Field 3-WYC-08 Foam

This sample contains two types of material: The first type is white foam plastic; the second type is brown plant fiber paper. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 98% of the sample. The second type is 2% of the sample.

Batch #93504
Lab #RR29263-RR29275
Page 3 of 3

Lab RR29271, Field 3-WYC-09 Under Layer

This is tan plaster with vermiculite. **Asbestos is none detected.**

Lab RR29272, Field 4-WYC-10 Tar Layers

This sample contains two types of material: The first type is **60% chrysotile asbestos** in black tar felt layers; the second type is 20% fiberglass in black tar layers. This sample is non-homogeneous.

The first type is 60% of the sample. The second type is 40% of the sample.

Lab RR29273, Field 4-WYC-11 Tar Gravel

This is **less than 1% chrysotile asbestos** in pea gravel with black tar.

Lab RR29274, Field 5-WYC-12 Top Layer

This sample contains three types of material: The first type is **5% chrysotile asbestos** in silver colored sealant; the second type is black tar; the third type is glassy black tar. This sample is non-homogeneous.

The first type is 5% of the sample. The second type is 85% of the sample. The third type is 10% of the sample.

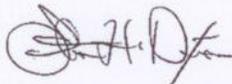
Lab RR29275, Field 5-WYC-13 Bottom Layer

This sample contains four types of material: The first type is black tar; the second type is 60% plant fiber in black tar felt; the third type is yellow foam plastic; the fourth type is perlite, 25% plant fiber, and 5% mineral wool in resin binder.. This sample is non-homogeneous. **Asbestos is none detected.**

The first type is 1% of the sample. The second type is 3% of the sample. The third type is 46% of the sample. The fourth type is 50% of the sample.

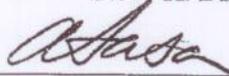
In order to be sure reagents and tools used for analysis are not contaminated with asbestos, blanks are tested. Asbestos was none detected in the blanks tested with this bulk sample set.

Very truly yours,



Steve H. Dixon, President

Analyst: Ofir A. Sosa



Date Analyzed: October 5, 2010

RUSH

93504



Bulk Analytical Request Form

LAB: Reservoirs Environmental, Inc.
 5801 Logan Street
 Denver, CO 80216
 Ph. 303-964-1986
 Fax. 303-

Page 1 of 1

Turnaround Time:

Rush

Non-Rush

Location sample was taken Wasatch Youth center
 Street address where sample was taken 3531 S. 700 W. Salt Lake City
 Sampled by CHRIS Date of Collection 10-5-2010

Report to be sent to:

Billing to be sent to:

Name: R&R Name: _____
 Address: H 7 W. 9000 South #2 Address: _____
 City: Sandy State: Vt City: _____ State: _____
 Zip Code: 64094 Zip Code: _____
 Telephone #: _____ Telephone #: _____
 Fax #: 801-352-2881 Fax #: _____

Field #	Description	Date	Lab #
1 01 WYC-01	Cover	10-5-2010	29263
1 WYC-02	under Insulation	11	29264
3 03 WYC-03	Top Cover	11	29265
3 WYC-04	Base flashing		29266
3 WYC-05	metal flashing		29267
2 WYC-06	Top Asphalt		29268
3 WYC-07	Under layers gravel tar		29269
3 WYC-08	Foam		29270
3 WYC-09	Under Layer		29271
4 WYC-10	tar layer		29272
4 WYC-11	tar gravel		29273
5 WYC-12	top layer		29274
5 WYC-13	bottom layer		29275

Chain of Custody

By submitting asbestos samples for analysis and/or signing a chain of custody, R&R Environmental agrees that this is the equivalent of the submission of a purchase order and agrees to pay for services provided by the analytical laboratory according to its posted standard schedule of fees for services.

Submitted by Chris Reynolds Date 10-5-2010 Time 2:46
 Received by Lab [Signature] Date 10-5-10 Time 1513
 Received by Analyst [Signature] Date 10-5-10 Time 1830
 Returned by Lab _____ Date _____ Time _____

Appendix "A"

"This report relates only to the items tested. This report must not be used to claim product endorsement by NVLAP or AIHA"

NVLAP and AIHA requires laboratories to state the condition of samples received for testing: These samples are in acceptable condition for analysis unless there is a statement in the report of analysis that a test item has some characteristics or condition that precludes analysis or requires a modification of standard analytical methodology. If a test item is not acceptable, the reasons for non-acceptability will be given under the laboratory number for that particular test item.

Methods of Analysis and Limit of Detection

In air count analysis, the results may be biased when interferences are noted.

The accuracy of asbestos analysis in bulk samples increases with increasing concentration of asbestos. Pigments, binders, small size and multiple layers may affect the analysis sensitivity.

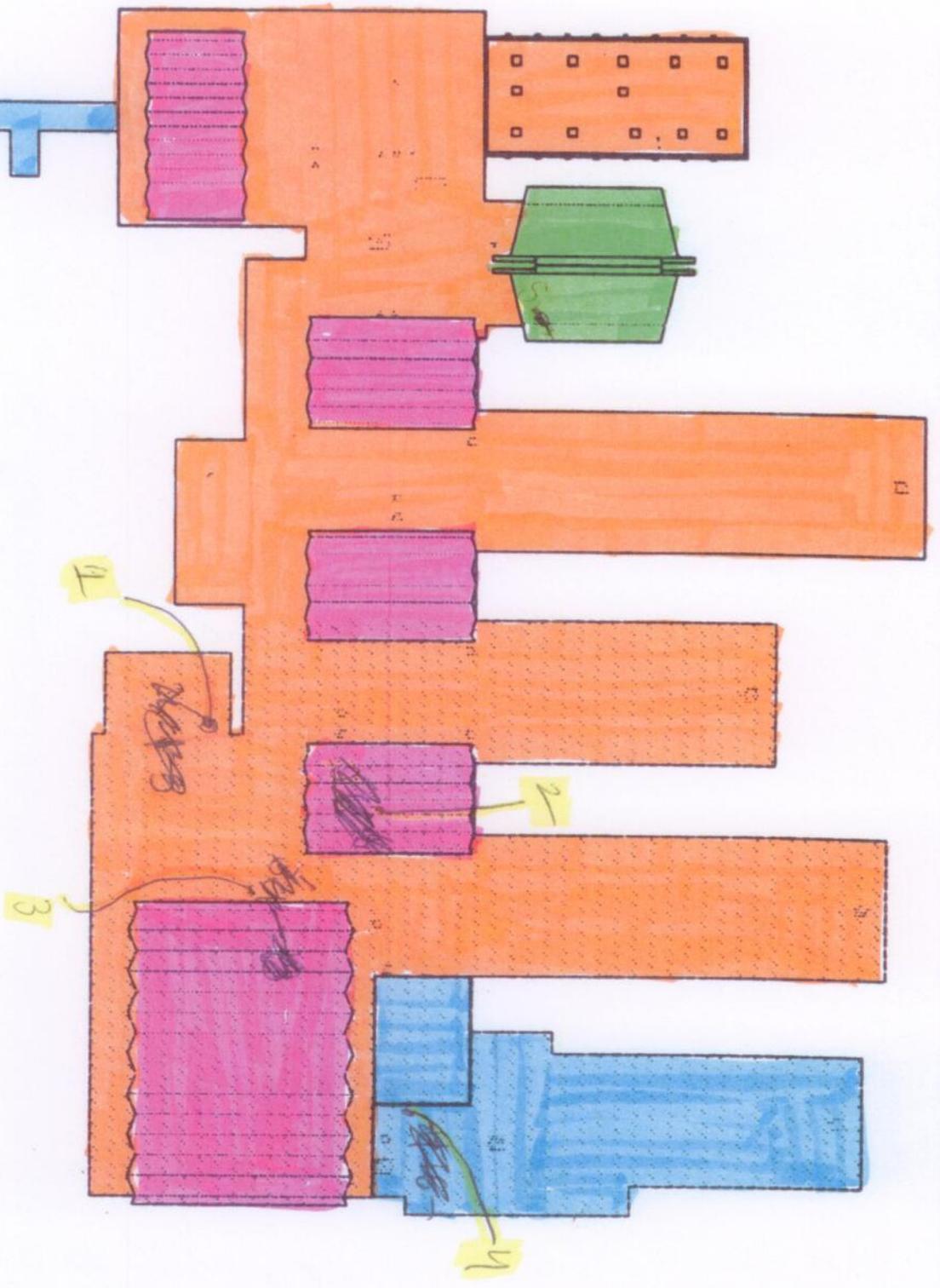
There are two methods for analysis of asbestos in a bulk test sample. Visual estimation is the most sensitive method. If an analyst makes a patient search, 0.1% or less asbestos can be detected in bulk sample.

The second method of analysis is a statistical approach called point counting. EPA will not accept visual estimations if a laboratory detects a trace of asbestos in a sample i.e. anything less than 1% asbestos. Government agencies regulate asbestos containing materials (ACM) whenever the ACM is more than 1% OSHA requirements apply on samples containing any amount of asbestos.

Due to the higher charge for a point count analysis, Dixon Information Inc. does not perform a point count unless authorized to do so by the client. If a sample is point counted, when possible, chemical treatments will be used to concentrate the asbestos in the sample. This is permitted by the EPA method and it increases the accuracy of the analysis.

APPENDIX B

Field Notes/Site Plans



1 (01-02) = NO Asbestos

2 (06) = NO Asbestos
 H (10-11) = Asbestos

3 (03-05, 07-09) = NO Asbestos
 S (12-13) = Asbestos

F

G

H