

# **LIMITED ASBESTOS SURVEY REPORT**

## **Various Locations**

Project Site:

Jesse Brown Veteran's Affairs Medical Center  
820 South Damen Avenue  
Chicago, Illinois 60612

Prepared For:

Jesse Brown Veteran's Affairs Medical Center  
820 South Damen Avenue  
Chicago, Illinois 60612

Inspection Date: July 7, 2016

GSG Project No.: A16-12.149

Prepared by:



**GSG CONSULTANTS, INC.**

855 West Adams, Suite 200  
Chicago, Illinois 60607  
tel: 312.733.6262 • fax: 312.733.5612

## **EXECUTIVE SUMMARY**

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GSG Consultants, Inc. (GSG) was retained by Jessie Brown Veteran's Affairs Medical Center to conduct a limited asbestos survey at the Jessie Brown Veteran's Affairs Medical Center located at 820 S. Damen Ave. in Chicago, Illinois. The survey included testing for asbestos-containing materials (ACM) that may potentially be disturbed during renovation activities throughout the facility.

The survey was conducted by Mr. Eric Moore, who is an Illinois Department of Public Health (IDPH) Licensed Inspector for Asbestos.

Asbestos-Containing Materials (ACM): The asbestos survey identified the presence of non-friable ACM. In general materials that were sampled for ACM included: vinyl flooring & mastic. Refer to summary of findings in Section 3 Table 3.1 for materials sampled.

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## **1.0 INTRODUCTION**

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GSG Consultants, Inc. (GSG) was retained by Jessie Brown Veteran's Affairs Medical Center to conduct a limited asbestos survey at the Jessie Brown Veteran's Affairs Medical Center located at 820 S. Damen Ave. in Chicago, Illinois. The survey was conducted by GSG on July 7, 2016.

### ***1.1 Objectives***

The purpose of the asbestos survey was to identify the location of ACM that may require abatement prior to renovation activities. The scope of this survey was limited to the location of the sampling described herein. Sampling of building materials was performed in both the Damen and the Taylor Buildings.

### ***1.2 General Qualifications***

The conclusions in this report are generally based on conditions observed within the facility. Test results contained within this report represent specific area(s) as identified by the assigned sample numbers. Any additional potential asbestos materials encountered that will be disturbed during renovation activities and that differs from materials sampled during this limited survey, will require further sampling and analysis. The estimated quantities provided herein should be considered approximate. This report has been prepared with generally accepted industry practices and procedures. No other warranty, either expressed or implied, is made.

### ***1.3 Report Organization***

The report is divided into five sections which discuss the survey activities and methodology, findings, and conclusions and recommendations associated with each of the subject areas addressed during this survey, as follows:

- Section 1.0 – Introduction
- Section 2.0 – Survey Methodology
- Section 3.0 – Summary of Findings
- Section 4.0 – Conclusions and Recommendations
- Section 5.0 – Certification

## 2.0 SURVEY METHODOLOGY

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This section describes GSG's asbestos survey approach and methodologies that were utilized during the field investigation activities. The asbestos survey included performing the following task:

- ACM inspection throughout the Jessie Brown VAMC and it was limited to the flooring and mastic only.
- Sample locations were selections by Mr. Kyle Russell, VAMC representative.

The following section present an overview of GSG's approach for the type of survey completed as part of this project.

### **Asbestos-Containing Materials**

The asbestos survey consisted of two phases: the first phase included a walk-through inspection to identify suspect ACM. The second phase consisted of collecting bulk samples from suspect ACM. The field survey was conducted by an IDPH-licensed asbestos inspectors. Sampling was conducted as per EPA/NESHAP protocols. The samples were collected and stored in pre-cleaned containers with an assigned sample identification number prior to delivery to a laboratory. All sampling equipment was wet wiped and cleaned before and after each sampling event.

Since the scope of work included only the flooring, it is possible that some ACM were not discovered during the survey. Suspect ACM materials are likely to be concealed behind walls, above ceilings, or other inconspicuous locations throughout the building. Any additional suspect materials encountered that may be disturbed during renovation activities and that differs from materials listed in Table 3.1 will require further sampling and analysis.

The bulk samples were analyzed by both Polarized Light Microscopy (PLM) and Transmission Electron Microscopy at an American Industrial Hygiene Association (AIHA) and National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory. Refer to Appendix E for laboratory licenses and accreditations. The samples were analyzed and reported by the layers present within each sample.

For the purpose of this survey, GSG derived its definition of ACM from the Environmental Protection Agency (EPA) which classifies ACM as "any product containing more than one percent (1%) asbestos by volume, when analyzed by Polarized Light Microscopy (PLM) or Transmission Electron Microscopy (TEM)."

Laboratory reports include, among other information, field sample numbers, and analysis results by layers, and the analyst's signature.

### 3.0 SUMMARY OF FINDINGS

#### Asbestos-Containing Materials

Bulk samples of suspect ACM were collected and analyzed for the presence of asbestos. Materials that may be impacted during this proposed work were sampled following the Owner's direction. Results are summarized in Table 3.1 and include a description of each material, location, material type, and test results. Each suspect material was placed into one of three material categories: thermal systems insulation (TSI), surfacing materials (SURF), or miscellaneous materials (MISC). Materials confirmed to contain greater than one percent (1%) asbestos by PLM analysis and TEM analysis are indicated to have a "positive" result and are therefore classified as ACM. Materials indicated to have a "negative" result were confirmed by PLM analysis to be non-asbestos containing. Refer to Appendix A for laboratory results and chain of custody forms.

**Table 3.1**  
**Materials Sampled for ACM by PLM Analysis**

Material Description	Location	Material Type <sup>1</sup>	ACM Type & %	Test Results
12x12 Beige Streak VFT and Mastic	Damen Building – Rm. 10503	MISC	ND (T)	Negative
			Chrysotile 1-5% (M)	Positive
12x12 Light Blue w/ White Streaks VFT and Mastic	Taylor Building – Rm. 72T2	MISC	ND	Negative
12x12 White w/Blue & Red VFT and Mastic	Taylor Building – Rm. 7275	MISC	ND	Negative
12x12 Light Green w/White & Beige VFT and Mastic	Taylor Building – Outside Rm. 6279	MISC	ND	Negative
12x12 Pink w/ White & Beige Streaks VFT and Mastic	Taylor Building – Outside Rm. 5260A	MISC	ND	Negative
12x12 Dark Blue w/Blue & White Streaks VFT and Mastic	Taylor Building – Outside Rm. 5273	MISC	ND	Negative
12x12 Light Blue w/Blue & White Streaks VFT and Mastic	Taylor Building – Outside Rm. 5273	MISC	ND	Negative
12x12 Tan w/Brown & White Streaks VFT and Mastic	Taylor Building – Outside Rm. 3257	MISC	ND	Negative
12x12 Turquoise VFT and Mastic	Damen Building – Outside Rm. 9455	MISC	ND (T)	Negative
			Chrysotile 3-5% (M)	Positive
12x12 White w/Grey Streaks VFT and Mastic	Damen Building – Rm. 8506	MISC	ND (T)	Negative
			Chrysotile 1-5% (M)	Positive
12x12 Baby Blue w/Red & White VFT and Mastic	Damen Building – Rm. 14E2	MISC	ND (T)	Negative
			Chrysotile 1-5% (M)	Positive

*TSI= Thermal System Insulation, Surf= Surfacing Material, and Misc. = Miscellaneous, HA = Homogeneous Area*

### 3.0 SUMMARY OF FINDINGS

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**Table 3.1**  
**Materials Sampled for ACM by TEM Analysis**

Material Description	Location	Material Type <sup>1</sup>	ACM Type & %	Test Results
12x12 Beige Streak	Damen Building – Rm. 10503	MISC	Chrysotile <1%	Negative
12x12 Light Blue w/ White Streaks VFT	Taylor Building – Rm. 72T2	MISC	ND	Negative
12x12 White w/Blue & Red VFT	Taylor Building – Rm. 7275	MISC	ND	Negative
12x12 Light Green w/White & Beige VFT	Taylor Building – Outside Rm. 6279	MISC	ND	Negative
12x12 Pink w/ White & Beige Streaks VFT	Taylor Building – Outside Rm. 5260A	MISC	ND	Negative
12x12 Dark Blue w/Blue & White Streaks VFT	Taylor Building – Outside Rm. 5273	MISC	ND	Negative
12x12 Light Blue w/Blue & White Streaks VFT	Taylor Building – Outside Rm. 5273	MISC	ND	Negative
12x12 Tan w/Brown & White Streaks VFT	Taylor Building – Outside Rm. 3257	MISC	ND	Negative
12x12 Turquoise VFT	Damen Building – Outside Rm. 9455	MISC	ND	Negative
12x12 White w/Grey Streaks VFT	Damen Building – Rm. 8506	MISC	ND	Negative
12x12 Baby Blue w/Red & White VFT	Damen Building – Rm. 14E2	MISC	ND	Negative

*TSI= Thermal System Insulation, Surf= Surfacing Material, and Misc. = Miscellaneous, HA = Homogeneous Area*

## **4.0 CONCLUSIONS AND RECOMMENDATIONS**

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### **Asbestos Containing Material**

The asbestos survey identified the presence of non-friable ACM. The floor tile mastic tested positive for ACM. Refer to summary of findings in Section 3.0 Table 3.1 for materials sampled.

GSG recommends the preparation of an asbestos abatement project design prior to any renovation/demolition activities in which ACM may be impacted. Asbestos abatement design plan and specification shall include information regarding the location of containments and barriers, type of sealant, and air sampling requirements and clearance during the asbestos abatement activities. The asbestos design plan and specification shall be prepared and signed by an IDPH licensed asbestos project designer in accordance with all applicable federal, state, and local regulations. Asbestos abatement work shall be conducted by a licensed abatement contractor under the supervision of a licensed asbestos project manager in accordance with all applicable Federal, state, and local regulations.

Any suspect material that is discovered during the renovation/demolition activities and is not listed in table 3.1 were not tested during this survey. Such materials shall be assumed and treated as ACM until tested and proven otherwise.

For any ACM that will remain in the building following renovation, GSG recommends development of an Operations & Maintenance Plan for the purpose of managing ACM in good condition and preventing future fiber releases.



## 5.0 CERTIFICATION

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The undersigned hereby affirm that the conditions described herein are accurate to the best of our knowledge and belief, and are subject to the limitations inherent in the investigative techniques used and any expressed limitations of this survey. Applicable licensing to perform the described survey activities were valid at the time of performance of services in accordance with applicable federal, state and local laws, rules and regulations.

Inspection Performed By:

Eric Moore

Asbestos Inspector's Name

100-11372

IDPH License #



Asbestos Inspector's Signature

08/05/2016

Date

Reviewed By:



Jigar Shah, CIH, CSP

Director of Industrial Hygiene

08/05/2016

Date

## APPENDIX A

### ASBESTOS ANALYTICAL TESTING RESULTS

**ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY**

Method: EPA-600/M4-82-020

G.S.G. Consultants, Inc.  
855 West Adams, Suite 200  
Chicago, IL 60607  
Phone: (312) 733-6262  
Fax: (312) 733-5612

Reference: A16-12.149

Location: Jessie Brown VAMC 820 South Damen

Batch No.: 325382

Customer No.: 189

Date Received: 07/07/2016

Date Analyzed: 07/13/2016

Date Reported: 07/13/2016

Turn Around Time: 3 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
325382001	EM070716-01	ND	Binder 99-100%
325382002	EM070716-01M	Chrysotile 1-5%	Binder 95-99%
325382003	EM070716-02	ND	Binder 99-100%
325382004	EM070716-02M	ND	Binder 99-100%
325382005	EM070716-03	ND	Binder 99-100%
325382006	EM070716-03M	ND	Binder 99-100%
325382007	EM070716-04	ND	Binder 99-100%
325382008	EM070716-04M	ND	Binder 99-100%
325382009	EM070716-05	ND	Binder 99-100%
325382010	EM070716-05M	ND	Binder 99-100%
325382011	EM070716-06	ND	Binder 99-100%
325382012	EM070716-06M	ND	Binder 99-100%
325382013	EM070716-07	ND	Binder 99-100%
325382014	EM070716-07M	ND	Binder 99-100%
325382015	EM070716-08	ND	Binder 99-100%
325382016	EM070716-08M	ND	Binder 99-100%
325382017	EM070716-09	ND	Binder 99-100%
325382018	EM070716-09M	Chrysotile 1-5%	Binder 95-99%

ND = Asbestos Not Detected (Not Present)    NA = Not Analyzed    NS = Not Submitted

Components of inhomogeneous samples are analyzed per our Standard Operating Procedure, or per customer request.

The use of the NVLAP logo does not imply endorsement by NVLAP or any agency of the US Government.

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This report remains property of STAT Analysis until payment is received in full (see invoice).

Analyzed by Name :

Henry Robateau / Microscopist

**ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY**

Method: EPA-600/M4-82-020

G.S.G. Consultants, Inc.  
855 West Adams, Suite 200  
Chicago, IL 60607  
Phone: (312) 733-6262  
Fax: (312) 733-5612

Reference: A16-12.149 Date Received: 07/07/2016  
Location: Jessie Brown VAMC 820 South Damen Date Analyzed: 07/13/2016  
Batch No.: 325382 Date Reported: 07/13/2016  
Customer No.: 189 Turn Around Time: 3 Days

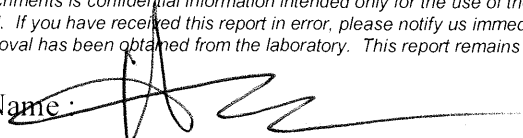
Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
325382019	EM070716-10	ND	Binder 99-100%
325382020	EM070716-10M	Chrysotile 1-5%	Binder 95-99%
325382021	EM070716-11	ND	Binder 99-100%
325382022	EM070716-11M	Chrysotile 1-5%	Binder 95-99%

ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

Components of inhomogeneous samples are analyzed per our Standard Operating Procedure, or per customer request.

The use of the NVLAP logo does not imply endorsement by NVLAP or any agency of the US Government.

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Analyzed by Name: 

Henry Robateau / Microscopist

Date: 07/13/2016



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Engineering and Industrial Hygiene Services

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325382

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**PLM BULK LABORATORY ANALYSIS FORM**

<b>Project Name:</b> JESSIE BROWN VAMC	<b>Project Manager:</b> ERIC MOORE
<b>Project Number:</b> A16-12.149	<b>Building Inspector:</b> ERIC MOORE
<b>Project Address:</b> 820 S. DAMEN	<b>IDPH Number:</b> 100-11372
<b>City/ State:</b> CHICAGO, IL	<b>Comments:</b>
<b>Client:</b> VAMC	<b>Analyze by Method:</b>
<b>Date:</b> 7-7-16	EPA/600/R-93-116

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EM070716-01		12X12 Beige + streak VFT + Mastic, Rm. 10503 Damen bldg.
-02		12X12 Light Blue w/white streaks VFT + Mastic, Rm. 7272 Taylor bldg.
-03		12X12 White w/Blue and red streaks VFT + Mastic, Rm 7275 Taylor bldg.
-04		12X12 Light Green w/ white + beige streaks VFT + Mastic, <sup>corridor</sup> Outside Rm 6279 Taylor bldg.
-05		12X12 Pink w/white and beige streaks VFT + Mastic, Outside 5260A Taylor bldg.
-06		12X12 Dark blue w/ blue + white streaks VFT + Mastic, outside 5273 Taylor bldg
-07		12X12 Light blue w/ blue + white streaks VFT + Mastic, outside 5273 Taylor bldg
-08		12X12 Tan w/ brown + white streaks VFT + Mastic, outside 3257 Taylor bldg
-09		12X12 Turquoise VFT + Mastic, Outside 9455 Damen bldg.
-10		12X12 White w/ grey streaks VFT + Mastic, Rm. 8506 Damen bldg.
-11		12X12 Baby blue w/ red + white streaks VFT + Mastic, Rm. 14E2 Damen bldg
-12		

<b>TURN AROUND TIME:</b>	<input type="radio"/> 1 Day <input type="radio"/> 2 Days <input checked="" type="radio"/> 3 Days <input type="radio"/> Other	<b>COMMENTS:</b> E-mail Results to: emoore@gsg-consultants.com rriviera@gsg-consultants.com
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**CHAIN OF CUSTODY RECORD**

	Date	Time		Date	Time
Collected By: (Signature)			Relinquished By: (Signature)	7/7	16:10
Received by: (Signature)			Relinquished by: (signature)		
Dispatched by: (Signature, if mailed)			Received for Laboratory by:	7/7	16:10

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.

**Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

AIHA Accreditation # 101160 ; NVLAP Lab Code 101202-0

**BULK ASBESTOS ANALYSIS BY  
TRANSMISSION ELECTRON MICROSCOPY**EPA's "Method for the Determination of Asbestos in Bulk Building Materials"  
(EPA 600/R-93-116 - Section 2.5.5.1)

G.S.G. Consultants, Inc.

855 West Adams, Suite 200

Chicago, IL 60607

Phone: (312) 733-6262

Fax: (312) 733-5612

Reference: A16-12.149

Location: Jessie Brown VAMC 820 South Damen

Batch No.: 325381

Customer No.: 189

Date Received: 07/07/2016

Date Analyzed: 07/11/2016

Date Reported: 07/11/2016

Turn Around Time: 3 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
325381001	EM070716-01	Chrysotile <1%	Other 99.5-99.9%
325381002	EM070716-02	ND	Binder 100%
325381003	EM070716-03	ND	Binder 100%
325381004	EM070716-04	ND	Binder 100%
325381005	EM070716-05	ND	Binder 100%
325381006	EM070716-06	ND	Binder 100%
325381007	EM070716-07	ND	Binder 100%
325381008	EM070716-08	ND	Binder 100%
325381009	EM070716-09	ND	Binder 100%
325381010	EM070716-10	ND	Binder 100%
325381011	EM070716-11	ND	Binder 100%

ND = Asbestos Not Detected

NA = Not Analyzed

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325381

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### TEM BULK LABORATORY ANALYSIS FORM

Project Name: JESSIE BROWN VAMC		Project Manager: ERIC MOORE	
Project Number: AIG - 12.149		Building Inspector: ERIC MOORE	
Project Address: 820 SOUTH DAMEN		IDPH Number: 100-11372	
City/ State: CHICAGO, IL		Comments:	
Client: VAMC		Analyze by Method:	
Date: 7-7-16		EPA-600/R-93-116 Section 2.5.5.1	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EMD707110-01		12x12 Beige streak VFT + Mastic, Rm 10503 Damen bldg.
-02		12x12 Light Blue w/ white streaks VFT + Mastic, Rm 7272 Taylor bldg.
-03		12x12 White w/ Blue and Red streaks VFT + Mastic, Rm 7275 Taylor bldg.
-04		12x12 Light Green w/ white + beige streaks VFT + Mastic, corridor outside Taylor bldg.
-05		12x12 Pink w/ white + beige streaks VFT + Mastic, outside 5240 A Taylor bldg.
-06		12x12 Dark blue w/ blue + white streaks VFT + Mastic, outside 5273 Taylor bldg.
-07		12x12 Light blue w/ blue + white streaks VFT + Mastic, outside 5273 Taylor bldg.
-08		12x12 Tan w/ brown + white streaks VFT + Mastic, outside 3257 Taylor bldg.
-09		12x12 Turquoise VFT + Mastic, outside 9455 Damen bldg.
-10		12x12 White w/ grey streaks VFT + Mastic, Rm 8506 Damen bldg.
-11		12x12 Baby blue w/ red + white streaks VFT + Mastic, Rm 14E2 Damer bldg.
-12		

TURN AROUND TIME:	<input type="radio"/> 1 Day <input type="radio"/> 2 Days <input checked="" type="radio"/> 3 Days <input type="radio"/> Other	COMMENTS: E-mail Results to: emoore@gsg-consultants.com rrivera@gsg-consultants.com
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### CHAIN OF CUSTODY RECORD

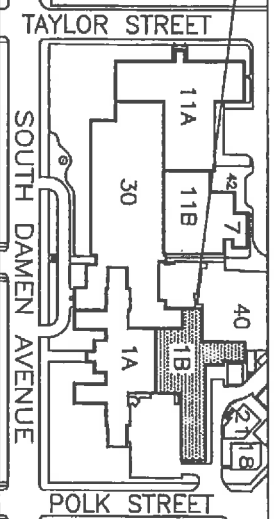
Signature	Date	Time	Signature	Date	Time
Collected By (Signature)			Relinquished by (Signature)	7/7	16:10
Received by: (Signature)			Relinquished by (signature)		
Dispatched by: (Signature, if mailed)			Received for Laboratory by:	7/7	16:10

Definitions: BLK-Bulk Sample, TEM-Transmission Electron Microscope.

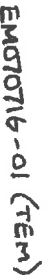
## APPENDIX B

### SAMPLING LOCATION



= ZONE 500 = 10<sup>TH</sup> FL =

FOUR DIGIT ROOM NUMBER :  
 1234 FIRST DIGIT - FLOOR NUMBER  
 SECOND DIGIT - ZONE NUMBER  
 THIRD DIGIT - ROOM  
 FOURTH DIGIT - LOCATION



ZONE 500  
**10<sup>TH</sup> FLOOR**



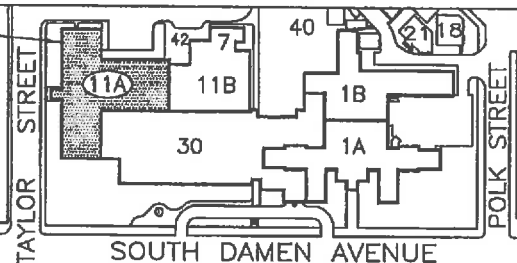
DEPARTMENT OF VETERANS AFFAIRS  
**JESSE BROWN**  
**VA MEDICAL CENTER**  
**ENGINEERING SERVICE**  
**TAYLOR BUILDING**

**= ZONE 200 = 7<sup>TH</sup> FL =**

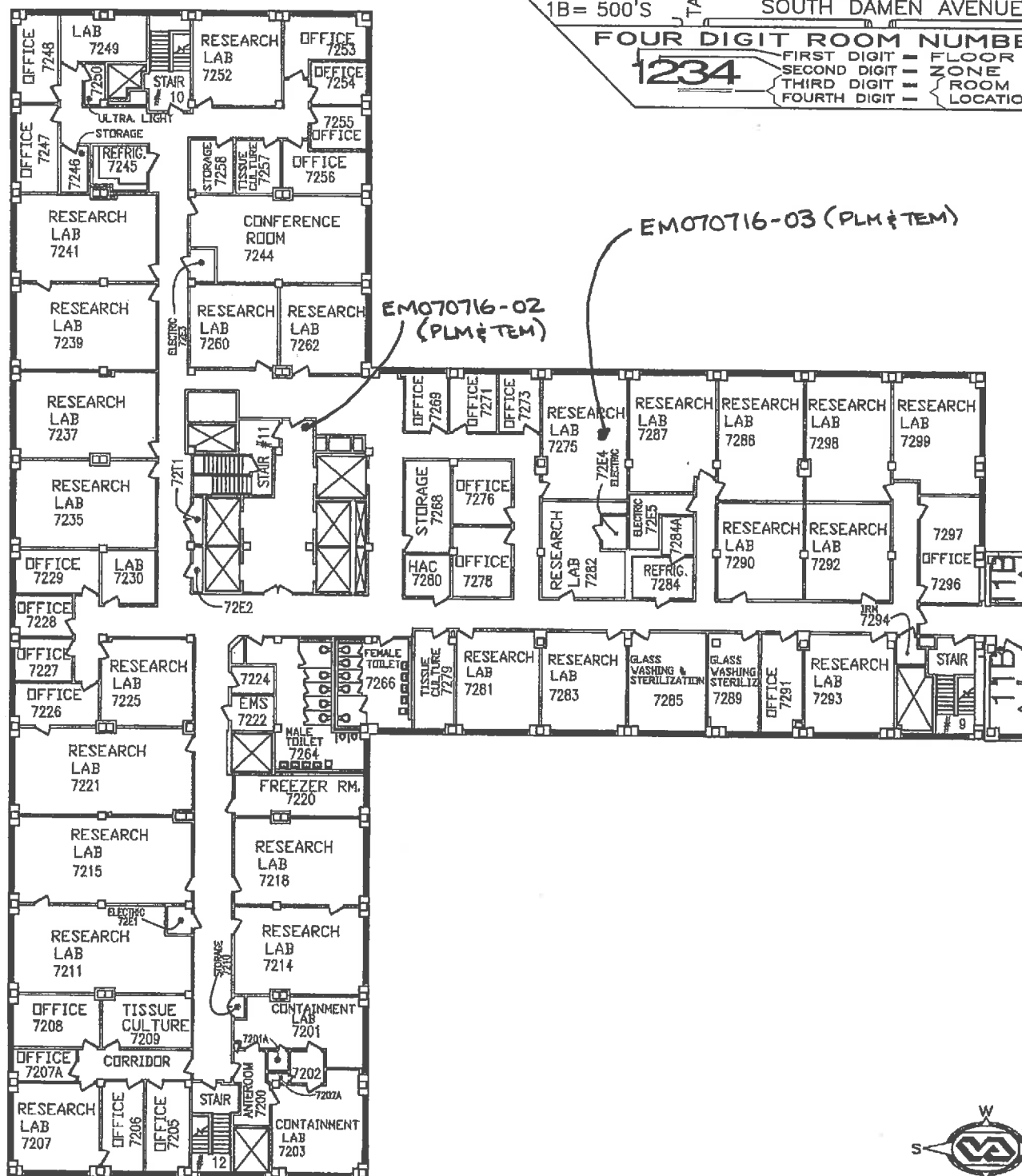
DRAWING AREA



BLDG  
NR:  
30 = 100'S  
11A = 200'S  
11B = 300'S  
1A = 400'S  
1B = 500'S



**FOUR DIGIT ROOM NUMBER :**  
**1234**  
 FIRST DIGIT = FLOOR NUMBER  
 SECOND DIGIT = ZONE NUMBER  
 THIRD DIGIT = ROOM NUMBER  
 FOURTH DIGIT = LOCATION



**= ZONE 200 =**  
**7<sup>TH</sup> FLOOR**



0 5' 10' 20' 30' 40' 50'  
 DRAWING SCALE : 1/30" = 1'-0"  
 8-26-14

8-26-14

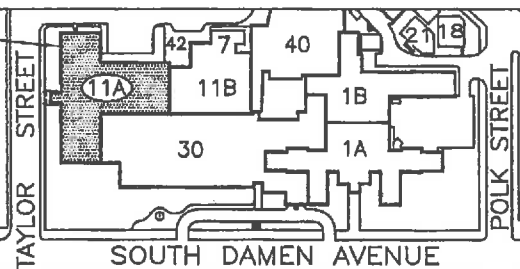
DEPARTMENT OF VETERANS AFFAIRS  
**JESSE BROWN**  
**VA MEDICAL CENTER**  
 ENGINEERING SERVICE  
 TAYLOR BUILDING

**= ZONE 200 = 5<sup>TH</sup> FL =**

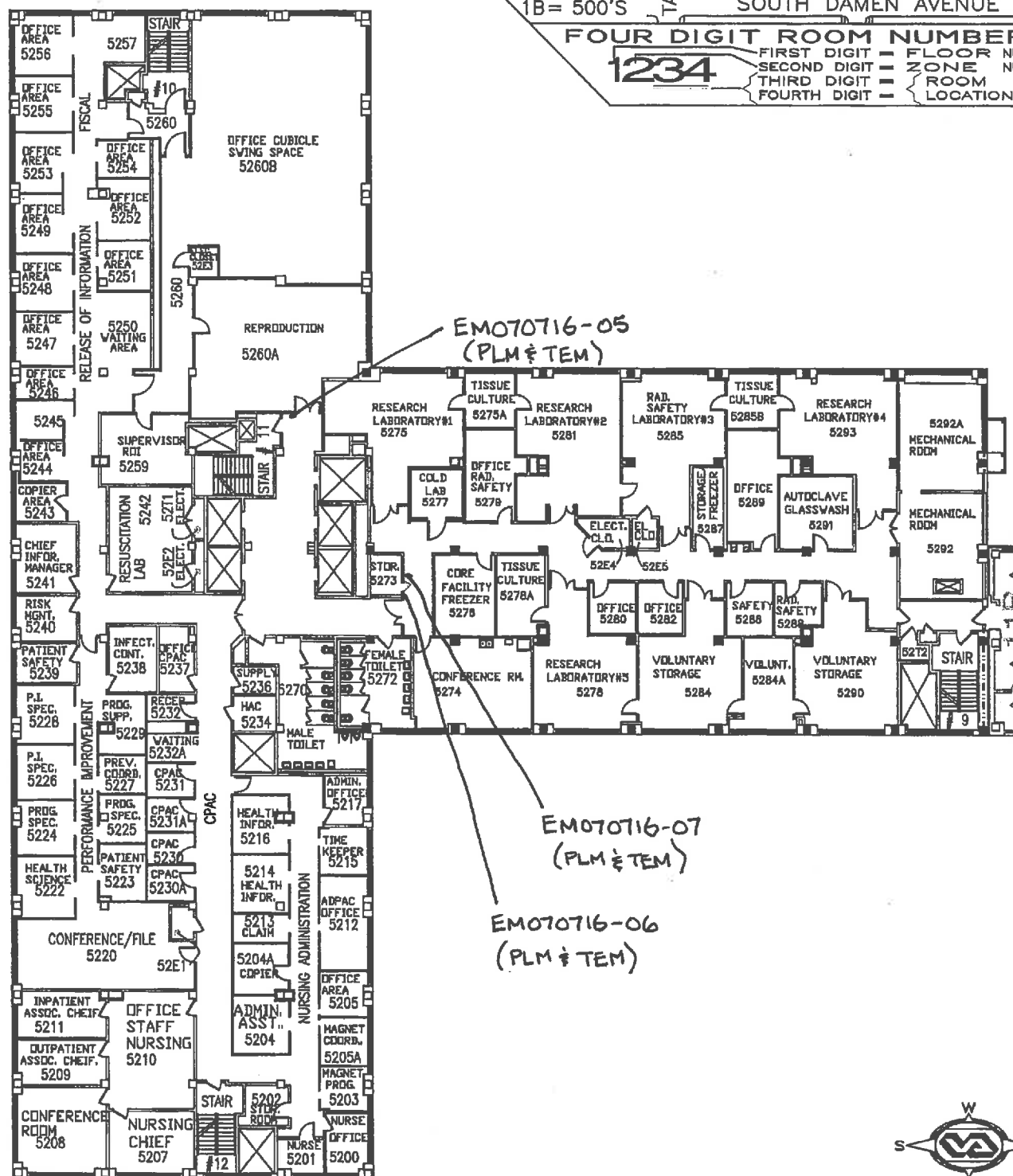
DRAWING AREA



BLDG NR:	ROOM NUMBER ZONES:
30	= 100'S
11A	= 200'S
11B	= 300'S
1A	= 400'S
1B	= 500'S



**FOUR DIGIT ROOM NUMBER :**  
**1234**  
 FIRST DIGIT - FLOOR NUMBER  
 SECOND DIGIT - ZONE NUMBER  
 THIRD DIGIT - ROOM NUMBER  
 FOURTH DIGIT - LOCATION



**= ZONE 200 =**  
**5<sup>TH</sup> FLOOR**

2015  
 0 5' 10' 20' 30' 40' 50'  
 DRAWING SCALE : 1/30" = 1'-0"

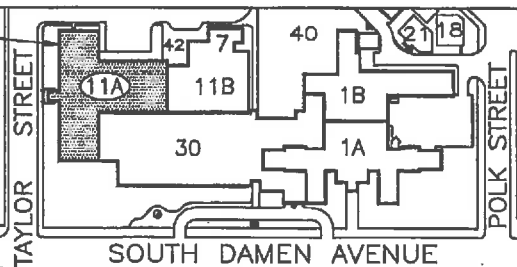
DEPARTMENT OF VETERANS AFFAIRS  
**JESSE BROWN**  
**VA MEDICAL CENTER**  
**ENGINEERING SERVICE**  
**TAYLOR BUILDING**

**= ZONE 200 = 3<sup>RD</sup> FL =**

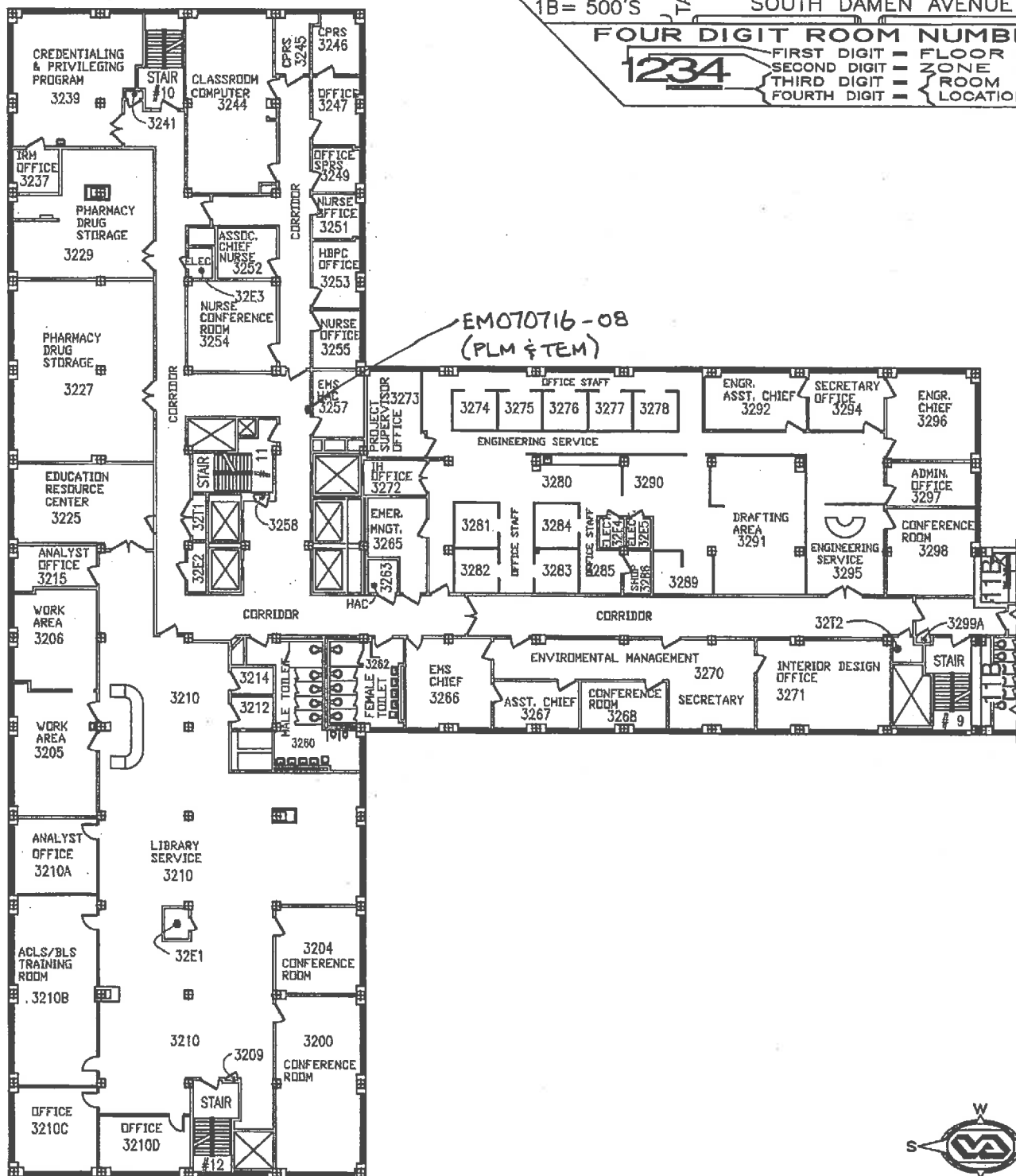
DRAWING AREA



BLDG NR:	ROOM NUMBER ZONES:
30	= 100'S
11A	= 200'S
11B	= 300'S
1A	= 400'S
1B	= 500'S



**FOUR DIGIT ROOM NUMBER :**  
**1234** FIRST DIGIT = FLOOR NUMBER  
 SECOND DIGIT = ZONE NUMBER  
 THIRD DIGIT = ROOM NUMBER  
 FOURTH DIGIT = LOCATION



**= ZONE 200 =**  
**3<sup>RD</sup> FLOOR**



0 5' 10' 20' 30' 40' 50'  
 DRAWING SCALE : 1/30" = 1'-0"  
 5-25-16

DEPARTMENT OF VETERANS AFFAIRS  
JESSE BROWN VA MEDICAL CENTER  
ENGINEERING SERVICE

DAMEN BUILDING

= ZONE 400 = 9<sup>TH</sup> FL =

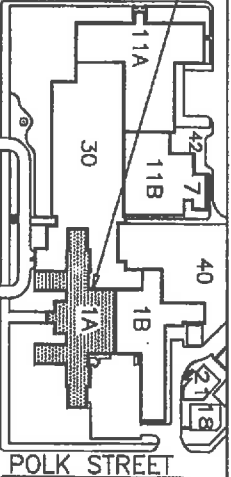
DRAWING AREA



BLDG NR: 30  
ROOM NUMBER: 11A = 200'S, 11B = 300'S, 1A = 400'S, 1B = 500'S

TAYLOR STREET

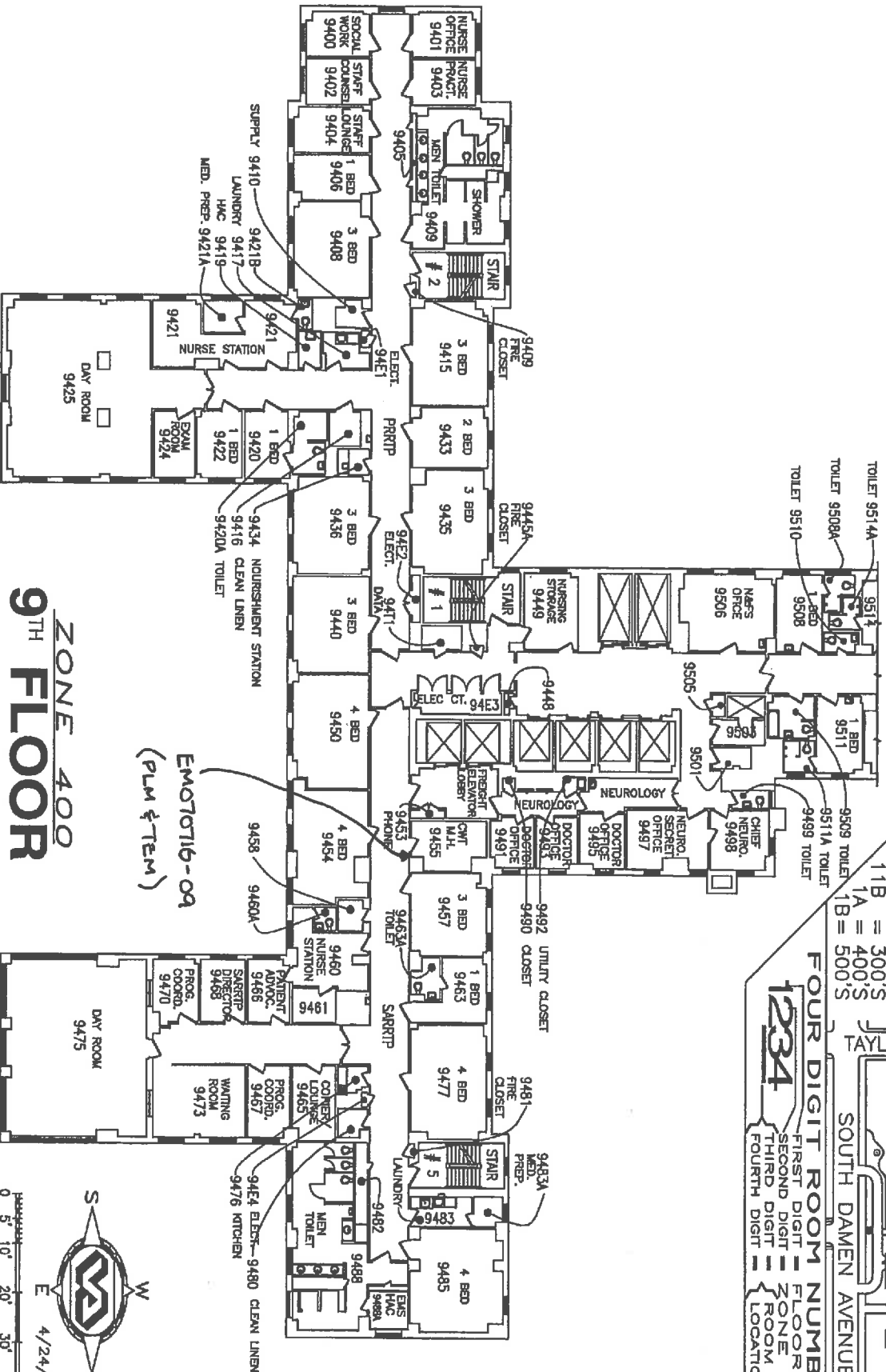
SOUTH DAMEN AVENUE



POLK STREET

FOUR DIGIT ROOM NUMBER : FIRST DIGIT = FLOOR NUMBER : SECOND DIGIT = ZONE NUMBER : THIRD DIGIT = ROOM NUMBER : FOURTH DIGIT = LOCATION

1234



EM070716-09  
(PLM & TEM)

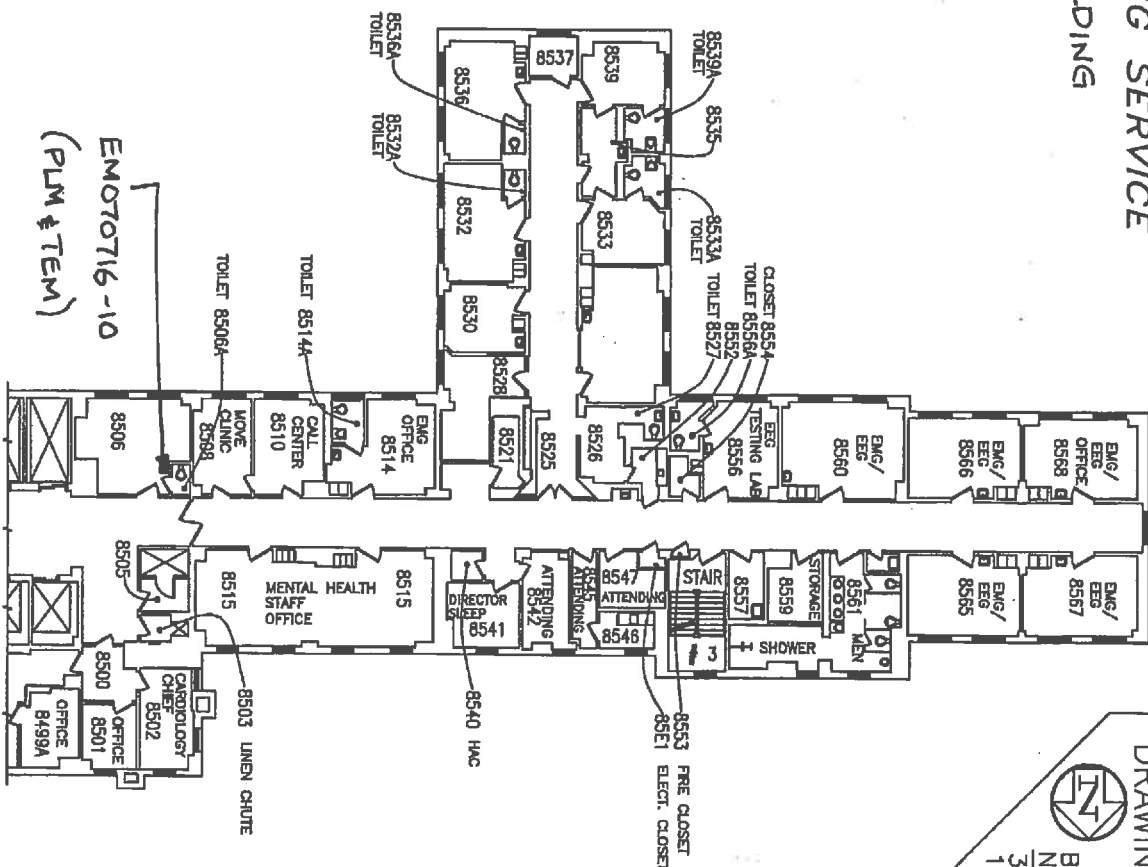
ZONE 400  
9<sup>TH</sup> FLOOR



0 5' 10' 20' 30' 40'

DRAWING SCALE :

DEPARTMENT OF VETERANS AFFAIRS  
**JESSE BROWN VA MEDICAL CENTER**  
**ENGINEERING SERVICE**  
**DAMEN BUILDING**



**= ZONE 500 = 8<sup>TH</sup> FL =**



DRAWING AREA

BLDG NR: 30  
 ROOM NUMBER: 11A, 11B, 1A, 1B  
 ZONES: 100'S, 200'S, 300'S, 400'S, 500'S

TAYLOR STREET

TRIM CLINICS

30

1A

1B

1A

1B

POLK STREET

SOUTH DAMEN AVENUE

FOUR DIGIT ROOM NUMBER :

1234

FIRST DIGIT - FLOOR NUMBER  
 SECOND DIGIT - ROOM NUMBER  
 THIRD DIGIT - ROOM NUMBER  
 FOURTH DIGIT - LOCATION

**ZONE 500**  
**8<sup>TH</sup> FLOOR**



0 5' 10' 20' 30' 40' 50'

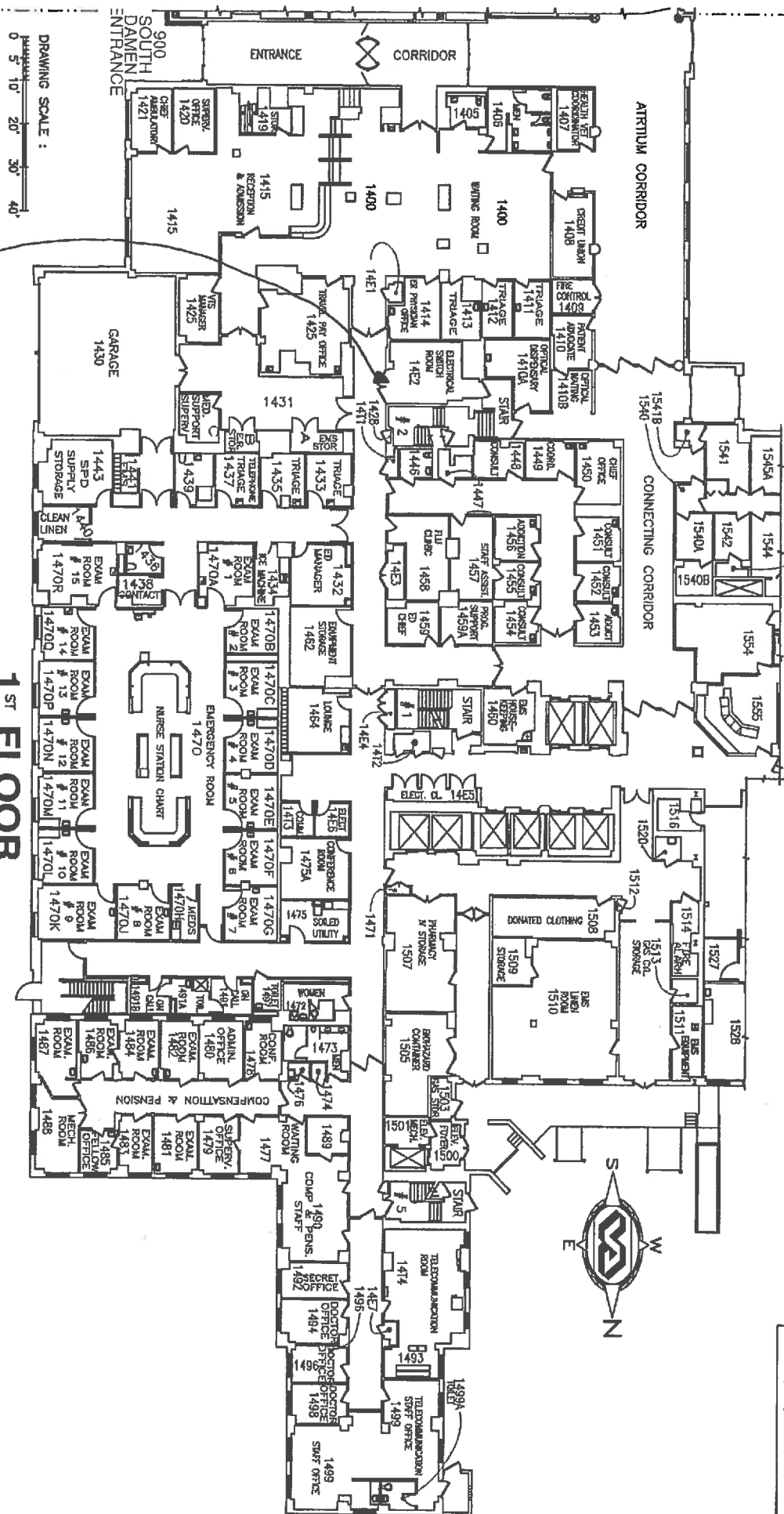
DRAWING SCALE :

DEPARTMENT OF  
VETERANS AFFAIRS  
JESSE BROWN VA  
MEDICAL CENTER  
ENGINEERING  
SERVICE

**== ZONE 400 = 1<sup>ST</sup> FL ==**

FOUR DIGIT ROOM NUMBER : ROOM NUMBER  
 1234 FIRST DIGIT - FLOOR  
 SECOND DIGIT - ZONE  
 THIRD DIGIT - ROOM  
 FOURTH DIGIT - LOCATION  
 BLDG NR: (Pavilion) ZONES:  
 30 (Attum) = 100'S

BLDG NR. (Pavilion)	NUMBER ZONES:
30 (Atrium)	= 100'S
11A (Taylor)	= 200'S
11B (Ogden)	= 300'S
1A (Damen)	= 400'S
1B (Damen)	= 500'S
40 (Bed)	= 600'S



**DRAWING SCALE :**

# 1<sup>st</sup> FLOOR

TEM070716-11  
(PLM & TEM)



## APPENDIX C

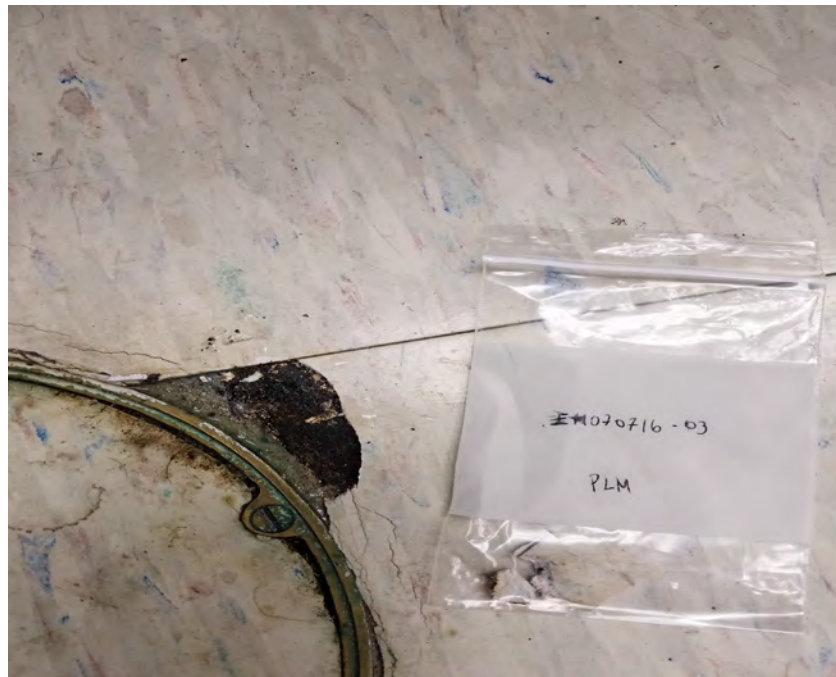
### REFERENCE PHOTOGRAPHS



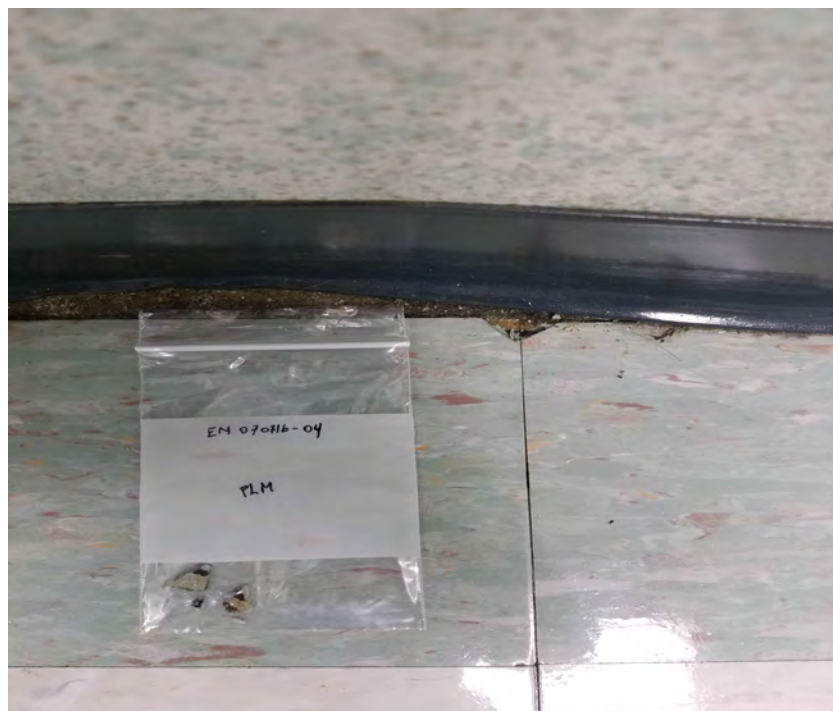
12x12 Beige Streak VFT & Mastic  
Room 10503 - Damen Building



12x12 Light Blue w/White Streaks VFT & Mastic  
Room 72T2 - Taylor Building



12x12 White w/Blue and Red Streaks VFT & Mastic  
Room 7275 - Taylor Building



12x12 Light Green w/White & Beige Streaks VFT & Mastic  
Corridor Outside Room 6279 - Taylor Building

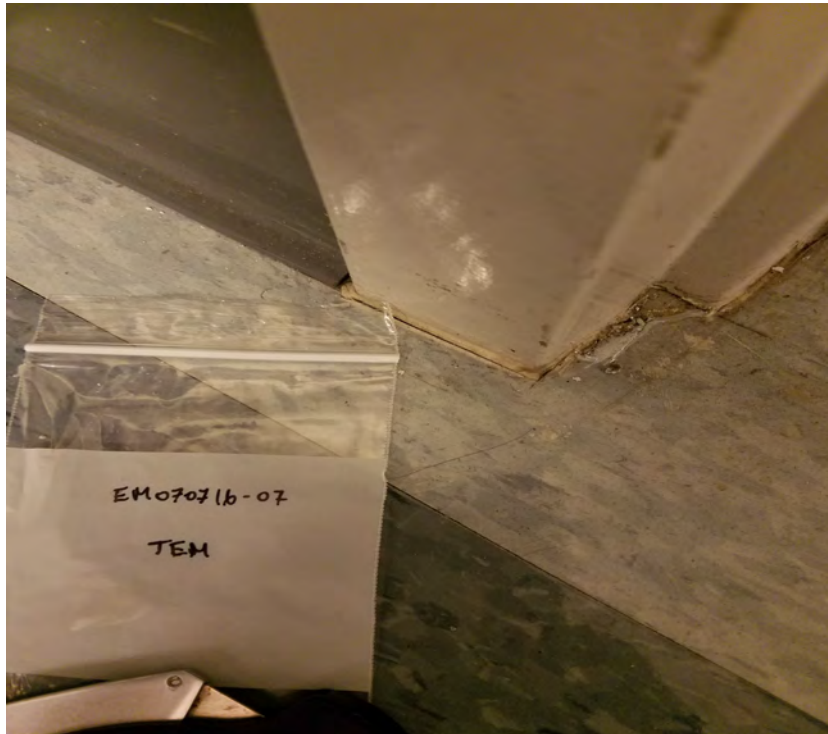


12x12 Pink w/White & Beige Streaks VFT & Mastic  
Outside Room 5260A - Taylor Building

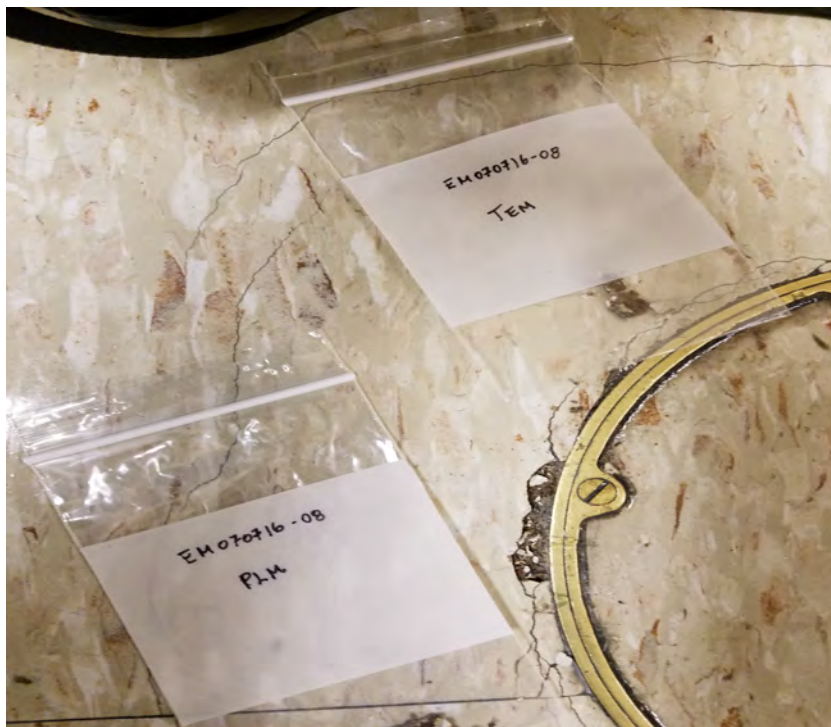


12x12 Dark Blue w/Blue & White Streaks VFT & Mastic  
Outside Room 5273 - Taylor Building

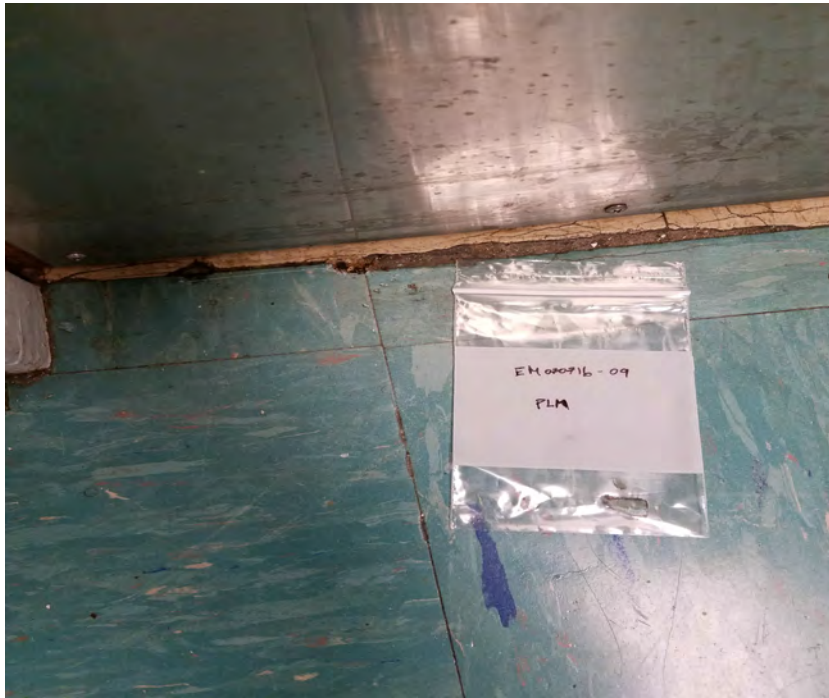




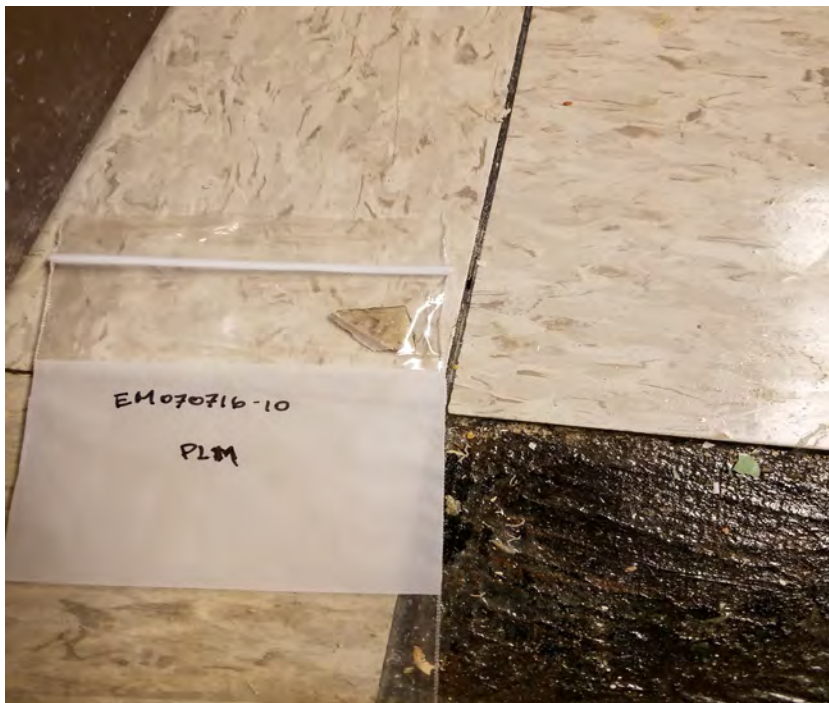
12x12 Light Blue w/Blue & White Streaks VFT & Mastic  
Outside Room 5273 - Taylor Building



12x12 Tan w/ Brown & White Streaks VFT & Mastic  
Outside Room 3257 - Taaylor Building



12x12 Turquoise VFT & Mastic  
Outside Room 9455 - Damen Building



12x12 White w/Grey Streaks VFT & Mastic  
Room 8506 - Damen Building



12x12 Baby Blue w/Red & White Streaks VFT & Mastic  
Room 14E2 - Damen Building

## APPENDIX D

### ASBESTOS INSPECTOR LICENSES AND CERTIFICATIONS





525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • [www.dph.illinois.gov](http://www.dph.illinois.gov)

1/26/2016

**ERIC D MOORE**  
603 Donegal Drive  
Elgin, IL 60124

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 11372

Enclosed is your Asbestos Professional License that expires 05/15/2016

CERTIFICATE EXPIRATION DATE

INSPECTOR

12/8/2016

PROJECT MANAGER  
AIR SAMPLING PROFESSIONAL

11/30/2016

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is

<http://www.dph.illinois.gov/topics-services/environmental-health-protection/asbestos>



**ASBESTOS  
PROFESSIONAL  
LICENSE**

ID NUMBER  
**100 - 11372**

ISSUED  
**1/26/2016**

EXPIRES  
**05/15/2016**

**ERIC D MOORE**  
603 Donegal Drive  
Elgin, IL 60124

Environmental Health



**ENDORSEMENTS**

**TC EXPIRES**

INSPECTOR

12/8/2016

PROJECT MANAGER  
AIR SAMPLING PROFESSIONAL

11/30/2016

**Alteration of this license shall result in legal action**  
This license issued under authority of the State of Illinois  
Department of Public Health  
This license is valid only when accompanied by a valid  
training course certificate.

ILTH, I  
Accredited by EPA



24-005182193

This card acknowledges that the recipient has successfully completed a  
10-hour Occupational Safety and Health Training Course in  
**Construction Safety and Health**

**Eric D. Moore**

---

**Wayne Gardner**

**1/15/2016**

---

(Trainer name – print or type)

(Course end date)



525-525 West Jefferson Street • Springfield, Illinois 62761-0001 • [www.dph.illinois.gov](http://www.dph.illinois.gov)

4/18/2016

**ERIC D MOORE**

855 W Adams Street, Suite 200  
Chicago, IL 60607



ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 11372

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

**COPY OF THE ASBESTOS PROFESSIONAL LICENSE**

Front of License

Back of License

		<b>ASBESTOS PROFESSIONAL LICENSE</b>		<b>ENDORSEMENTS</b>	<b>TC EXPIRES</b>
<b>ID NUMBER</b>	<b>ISSUED</b>	<b>EXPIRES</b>		INSPECTOR	12/8/2016
100 - 11372	4/18/2016	05/15/2017		PROJECT MANAGER	11/30/2016
<b>ERIC D MOORE</b>				AIR SAMPLING PROFESSIONAL	
855 W Adams Street, Suite 200				<b>Alteration of this license shall result in legal action</b>	
Chicago, IL 60607				This license issued under authority of the State of Illinois	
Environmental Health				Department of Public Health	
				This license is valid only when accompanied by a valid training course certificate.	

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: [dph.illinois.gov/topics-services/environmental-health-protection/asbestos](http://dph.illinois.gov/topics-services/environmental-health-protection/asbestos)  
EMAIL Address: [dph.asbestos@illinois.gov](mailto:dph.asbestos@illinois.gov)

**PROTECTING HEALTH, IMPROVING LIVES**

*Nationally Accredited by PHAB*

2015



**OCCUPATIONAL TRAINING & SUPPLY, INC.**

7233 S. Adams Street ♦ Willowbrook, IL 60527 ♦ (630) 655-3900

# Asbestos Abatement Supervisor Refresher

Occupational Training & Supply, Inc. certifies that  
**Eric Moore**


has successfully completed the Asbestos Abatement Supervisor Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency response Act (AHERA) and TSCA Title II.

Course Date: 11/30/2015

Exam Date: 11/30/2015

Expiration Date: 11/30/2016

Certificate Number: ASR1511304117

  
Kathy DeSalvo, Director

## APPENDIX E

### LABORATORY LICENSES AND ACCREDITATIONS



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Institute of Standards and Technology**  
Gaithersburg, Maryland 20899

June 3, 2016

Lory Littlefield  
HI-TEK Environmental, Inc. dba STAT Analysis Corp  
STAT Analysis Corporation  
2242 W. Harrison Suite 200  
Chicago, IL 60612

NVLAP Lab Code: 101202-0

Dear Dr. Littlefield,

Thank you for continuing your accreditation for Asbestos Fiber Analysis under the National Voluntary Laboratory Accreditation Program (NVLAP). This accreditation is effective until June 30, 2017, provided that your laboratory continues to comply with the accreditation requirements contained in the NVLAP Procedures.

Your updated accreditation documents are enclosed. You may reproduce these documents in their entirety and use the NVLAP symbol and/or term to reference your accredited status in accordance with the requirements published in NIST Handbook 150, 1.8. Accreditation does not relieve your laboratory from observing and complying with any applicable existing laws and/or regulations.

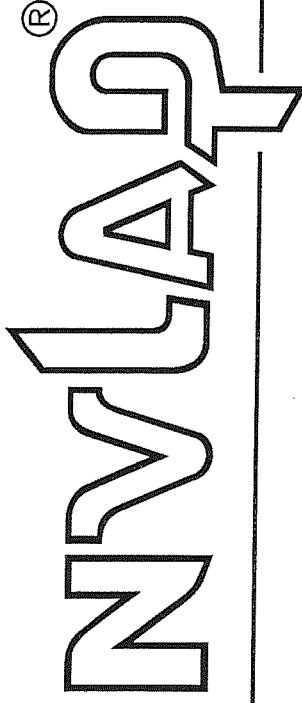
We are pleased to have you participate in NVLAP and look forward to your continued association with this program. If you have any questions concerning your NVLAP accreditation, please direct them to Hazel Richmond, Program Manager, Laboratory Accreditation Program, National Institute of Standards and Technology, 100 Bureau Dr. Stop 2140, Gaithersburg, MD 20899-2140; (301) 975-3024.

Sincerely,

Dana S. Leaman, Chief  
National Voluntary Laboratory Accreditation Program



United States Department of Commerce  
National Institute of Standards and Technology



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**Certificate of Accreditation to ISO/IEC 17025:2005**

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NVLAP LAB CODE: 101202-0

**STAT Analysis Corporation**  
Chicago, IL

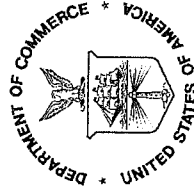
is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2016-07-01 through 2017-06-30

Effective Dates

A handwritten signature in black ink, appearing to read "Peter S. Luman".

---

For the National Voluntary Laboratory Accreditation Program

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**STAT Analysis Corporation**

STAT Analysis Corporation

2242 W. Harrison Suite 200

Chicago, IL 60612

Dr. Lory Littlefield

Phone: 312-733-0551 Fax: 312-733-2386

Email: [llittlefield@statanalysis.com](mailto:llittlefield@statanalysis.com)

<http://www.STATAnalysis.com>

**ASBESTOS FIBER ANALYSIS**

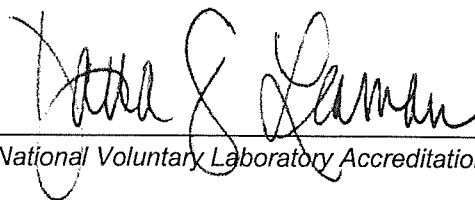
**NVLAP LAB CODE 101202-0**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program