**November 15, 2013**

# LIMITED SUPPLEMENTAL ASBESTOS SURVEY

***Docking State Office Building***
**901 SW Harrison Street**
**Topeka, KS 66612**

Prepared for:

**State of Kansas**
**Department of Administration**
**Attn: George Steele**
Office of Facilities & Property Management
800 SW Jackson St., Ste. 700
Topeka, KS 66612

Prepared by:

**3231 Flag Court North, New Hope MN, 55427**
**Phone (888) 505-0032 • Fax (888) 852-9907**

***Project Number: KS-Survey-1330***

November 15, 2013

# LIMITED SUPPLEMENTAL ASBESTOS SURVEY

**Docking State Office Building**
901 SW Harrison Street
Topeka, KS 66612

Prepared for:

State of Kansas
Department of Administration
Attn: George Steele
Office of Facilities & Property Management
800 SW Jackson St., Ste. 700
Topeka, KS 66612

By:


***Vann Companies, LLC***
3231 Flag Court North
New Hope MN, 55427


***Project Number: KS-Survey-1330***

November 15, 2013

# TABLE OF CONTENTS

**1.0 EXECUTIVE SUMMARY ..... 1**
**2.0 SCOPE OF SERVICES ..... 1**
**3.0 WARRANTY ..... 2**
**4.0 ASBESTOS SURVEY ..... 3**
**4.1 Methodology ..... 3**
**4.1.1 General References ..... 3**
**4.2 Visual Inspection ..... 3**
**4.2.1 Homogeneous Material Classifications ..... 3**
**4.3 Sampling Procedures ..... 3**
**4.4 Laboratory Procedures ..... 4**
**4.4.1 Method of Analysis ..... 4**
**4.4.2 Laboratory Quality Control Program ..... 4**
**4.5 Findings and Observations ..... 5**
**4.5.1 Survey Findings ..... 5**
**5.0 PHOTOS ..... 6**
**6.0 REPORT SUMMARY ..... 29**

**APPENDICES**

**Appendix A – FLOOR PLANS & SAMPLE LOCATIONS**
**Appendix B – SAMPLE MATRIX**
**Appendix C – LABORATORY BULK SAMPLE ANALYSIS REPORT**
**Appendix D – INSPECTOR & LABORATORY CERTIFICATIONS**

# 1.0 EXECUTIVE SUMMARY

*Vann Companies, LLC* was retained by George Steele of the State of Kansas Department of Administration to conduct a Limited Supplemental Asbestos Survey to determine the presence of Asbestos-Containing Building Materials (ACBM) at the Docking State Office Building, 901 SW Harrison Street, Topeka, Kansas 66612. This 14-story office building was completed in 1956, covering approximately one city block, includes cooling towers located in an ancillary building on the west side of the structure. This report is intended as a supplement to the previously performed survey by APEX Environmental Consultants, Inc. on December 30th, 1999.

This limited survey was conducted between Saturday, October 5, 2013 at 6:30 PM and Monday, October 7, 2013 at 9:00 PM by Mr. Chris Rosier and Mr. Jerry Weston. Mr. Rosier and Mr. Weston are certified Asbestos Hazard Emergency Response Act (AHERA) Building Inspectors. At the request of the client, a visual inspection was conducted and samples were collected and tested.

Samples were transported to and analyzed by an NVLAP certified laboratory, EMC Laboratories at 9830 S. 51st Street, Suite B-109, Phoenix, AZ 85044.

**Some Homogenous Groups tested POSITIVE for Asbestos-Containing Building Material (ACBM).**

# 2.0 SCOPE OF SERVICES

A visual inspection was conducted in accordance with general Environmental Protection Agency (EPA) & Asbestos Hazard Emergency Response Act (AHERA) sampling guidelines to determine the presence of exposed or accessible suspect ACM (Asbestos Containing Material) and/or ACBM. A physical hand pressure test was conducted to determine the friability of selected suspect materials. The purpose of this inspection was to identify additional possible ACM not identified in the previous survey on the roof, exterior of the structure, and throughout the structures interior.

Bulk samples were obtained from the suspect materials. Bulk samples were analyzed by EMC Laboratories by Polarized Light Microscopy (PLM). The analytical results are presented in Appendix B.



JCSBC
2-2-2016
Att.5.--004

# 3.0 WARRANTY

Vann Companies, LLC warrants that the findings contained herein have been assessed and reported in general accordance with accepted professional practices as applied by similar professionals in the community at the time of this report preparation. Changes in state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report. The field and laboratory results reported herein are considered sufficient in detail and scope to determine the presence, condition and hazard potential of the suspect ACBM at the time of this survey. Test results are valid only for the materials tested.

This report is prepared for the express use and benefit of the State of Kansas Department of Administration managed by George Steele. The information in this report or portions thereof may be required to be included in notifications to employees, contractors or other visitors to the building(s). This report is not intended to be used by the owner or its agents as a specification contract document or work plan for any work suggested or recommended in the report.

This report is based upon conditions observed at the property and information made available to the inspector. This report does not intend to identify all environmental hazards, nor is it intended to indicate that other hazards do not exist at the premises.

There is a distinct possibility that conditions may exist that could not be identified within the scope of the survey or that were not apparent during the site visit. Conclusions cannot be drawn regarding the presence or absence of other ACBM on the subject structure due to the fact that this survey covered only those areas that were exposed, visible or physically and/or readily accessible to the inspector and as specified in the scope of services. All areas as specified in the scope of services were inspected and sampled to the extent practical. Quantities of materials observed are estimates only and should be verified prior to any abatement work.

Sampling of most materials was accomplished using a bulk sampling method. During renovations, abatement or demolition, if additional suspect material is discovered it should be assumed to be ACBM until sampled, analyzed and determined to be non-asbestos containing material.

The survey was limited to the information available from the client at the time the survey was conducted.

No other warranties are implied or expressed.

# 4.0 ASBESTOS SURVEY

## 4.1 Methodology

### 4.1.1 General References

Inspection, sampling, and assessment procedures were performed in general accordance with the guidelines published by the EPA in 40 CFR Part 763 Subpart E, October 30, 1987.

The inspection consisted of the following major activities: visual inspection and bulk sampling of suspect materials.

## 4.2 Visual Inspection

The visual inspection was performed by Mr. Chris Rosier and Mr. Jerry Weston, Certified AHERA Building Inspectors. A preliminary walk-through was conducted to determine homogeneous areas and the presence of suspect materials that were accessible or exposed and included in the scope of work. Materials that were similar in general appearance were grouped into homogeneous sampling areas.

### 4.2.1 Homogeneous Material Classifications

The walk-through of the structure was also conducted to determine areas of materials that were visually similar in color, texture, and general appearance and that appeared to have been installed at the same time. These are termed “homogeneous materials" by the EPA. During this walk-through, the approximate quantities and locations of these homogeneous materials were noted. Only materials that were accessible or exposed, included in the scope of work and suspected to contain asbestos were identified.

## 4.3 Sampling Procedures

Following the walk-through, the inspectors collected selected samples of exposed or accessible materials identified as suspect ACBM. Destructive sampling was limited to accessible materials. No samples were taken that would cause damage to the structural integrity of the item being tested.

EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous materials. Samples of surfacing material were collected in general accordance with the EPA random sampling protocol outlined in the EPA publication, "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials" (EPA560/5-85-030a, October, 1985). Samples of miscellaneous materials were taken as randomly as possible, while attempting to sample already damaged areas so as to minimize disturbance of the material.



JCSBC
2-2-2016
Att.5.--006

## 4.4 Laboratory Procedures

### 4.4.1 Method of Analysis

Analysis was performed by visually observing the bulk sample and preparing slides for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, actinolite, and tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents. Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics were used to identify the non-asbestos constituents.

The microscopist used a stereoscope to visually estimate relative amounts of each constituent using a stereoscope to determine the volume of each constituent in proportion to the total volume of the sample.

All bulk samples were analyzed by Polarized Light Microscopy (PLM) as described by the “Interim Method of Determination of Asbestos in Bulk Samples, EPA 600/R-93/116 Method.” This is a standard method of analysis in optical mineralogy and the current accepted method for the determination of asbestos in bulk samples.

.

A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays that result enable mineral identification. It should be noted that some ACBM may not be accurately identified or quantified by PLM if the building material involved milling of asbestos fibers to extremely small fibers. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) analysis is available for a more definitive analysis of these very small sized asbestos fibers in those types of building materials.

### 4.4.2 Laboratory Quality Control Program

EMC Laboratories is certified by NVLAP and maintains an in-house quality control program. This program involves blind reanalysis of ten percent of all samples, precision and accuracy controls, and use of standard bulk reference materials.



JCSBC
2-2-2016
Att.5.--007

## 4.5 Findings and Observations

A material is considered by the EPA to be asbestos containing if at least one sample collected from the area shows asbestos present in an amount greater than one percent (> 1%). Please refer to the sample analysis sheets for a more detailed description of the microscopic analysis of these samples.

The EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) requires an inspection for asbestos be done on facilities that are to undergo demolition or renovation work. Materials found to contain asbestos may need to be removed prior to the start of such demolition or renovation work.

NESHAP defines Category 1, 2, 3, and 4 non-friable asbestos-containing materials such as gaskets, resilient floor covering, and asphalt roofing products that contain more than one percent asbestos, and Category II non-friable as any materials, except for Category I non-friable, that contain more than one percent asbestos and cannot be reduced to a powder by hand pressure when dry. NESHAP defines a Regulated Asbestos Containing Material (RACM) as: (a) friable ACM, (b) Category I non-friable that has become friable, (c) Category I non-friable that has or may be subject to sanding, grinding, cutting, or abrading, and (d) Category II non-friable that may or has become friable during demolition or renovation.

### 4.5.1 Survey Findings

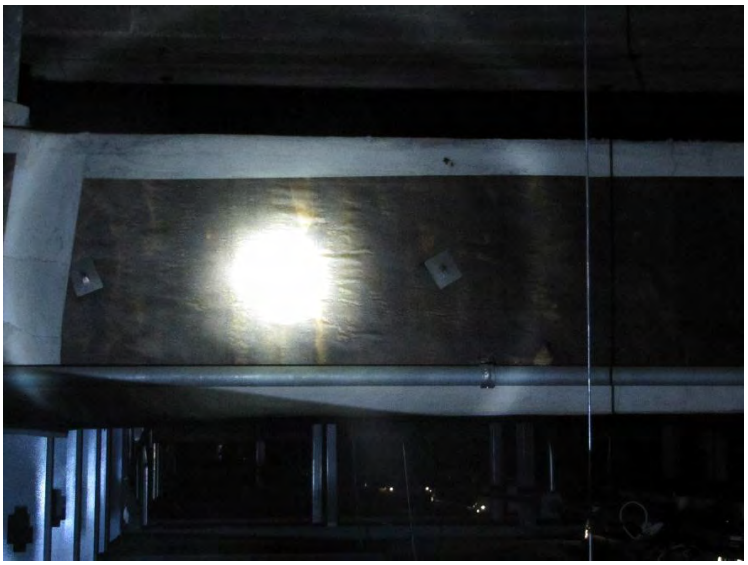
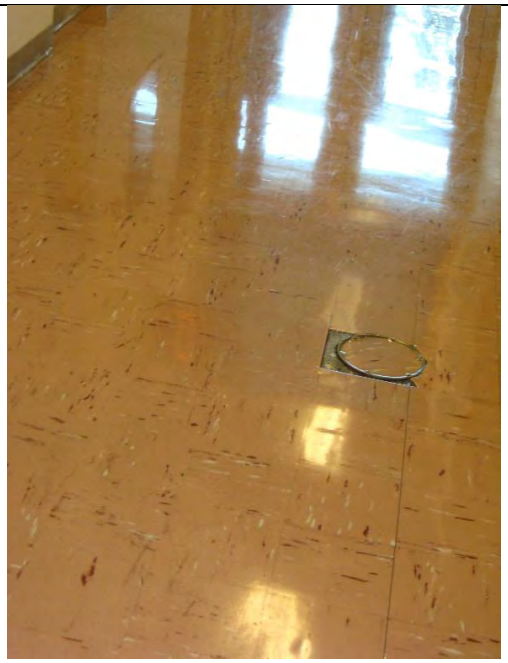
Samples were collected between October 5, 2013 and October 8, 2013 and grouped together by homogenous materials found in the table below. All 9”x9” Tile that was analyzed in the Laboratory tested positive for asbestos. It shall be assumed that all 9”x 9” tile located throughout the building must be assumed to contain asbestos at a similar level. And be handled as such. Under the tile the adhesive is a black mastic; it was tested in several homogenous areas to determine if it contained asbestos. The laboratory results tested positive for Asbestos at a level greater than 1%. Therefore it shall be assumed that all black mastic throughout the building be assumed to contain asbestos at a similar level and handled as such.

The duct work (duct tape) was tested in several homogenous areas for the presents of asbestos in the laboratory. The laboratory results where positive for the presents of asbestos. Therefore all white and grey duct tape anywhere in the building will be considered to contain asbestos at similar level and be handled and disposed of as stipulated by law. Not all piping contained ACM as there was fiberglass insulation on some of the pipe and this was vas visually confirmed during the inspection. However due to the time constraints and impractical aspect of visually inspecting and testing every pipe chase within this structure it to shall be assumed to contain ACM. The Laboratory analysis data sheets can be found in Appendix B.



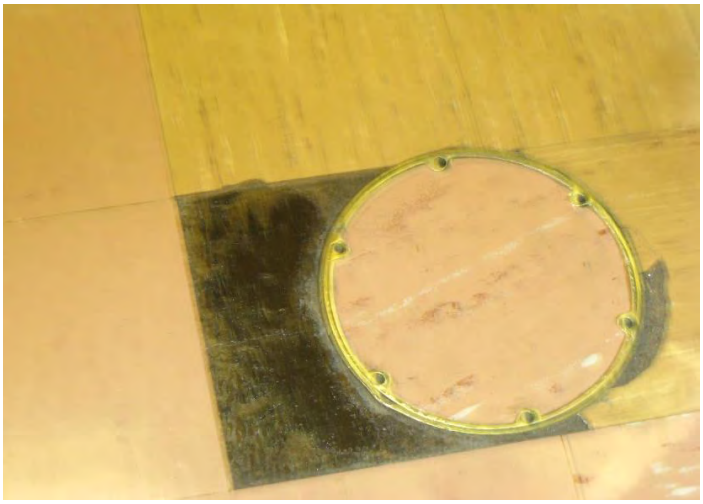
JCSBC
2-2-2016
Att.5.--008

# 5.0 PHOTOS

| | |
|---|---|
| 0132831-014<br><br>LOCATION<br>12th Floor Lobby Duct,<br>Duct Tape, Lt. Gray<br>SAMPLE 1-10F<br><br>POSITIVE *Yes*<br>Chrysotile 40%<br>Cellulose Fiber 45%<br>Gypsum Carbonate<br>Binder/Filler 15% |  |
| 0132831-034<br><br>LOCATION<br>1st Floor<br>SAMPLE 1-FC<br><br>POSITIVE *Yes*<br>Chrysotile 3 - 5%<br>Carbonates Quartz<br>Binder/Filler 92% |  |



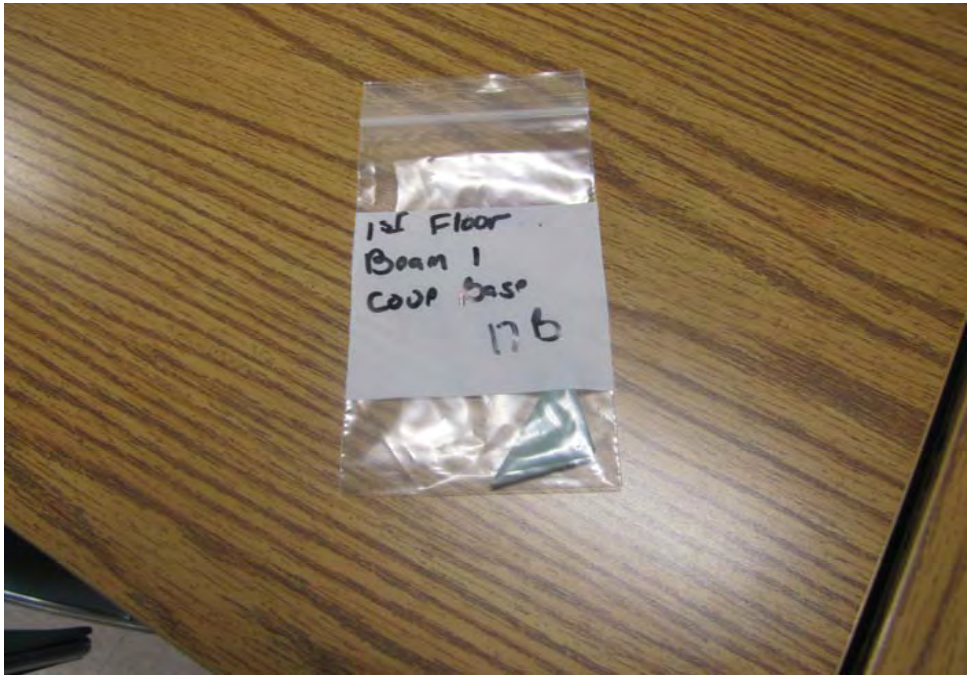
JCSBC
2-2-2016
Att.5.--009

| | |
|---|---|
| 0132831-051<br><br>LOCATION<br>3rd Floor<br>Mastic, Brown/ Black<br>SAMPLE 2-8F<br><br>POSITIVE *Yes*<br>Chrysotile 10%<br>Carbonates<br>Binder/Filler 90% |  |

| | |
|---|---|
| LOCATION<br>Entire Building<br>Fire Doors<br><br>PRESUMED ACM<br>THROUGHOUT THE<br>ENTIRE BUILDING | |

| | |
|---|---|
| **Result(s):**<br>**PRESUMED POSITIVE (>1%)**<br><br>**Description:**<br>Piping throughout the building<br><br>**Location(s):**<br>Basement<br><br>**Sample Number(s):**<br>See survey from APEX Environmental Consultants, Dec 30, 1999. | |

## 5.1 SAMPLE PHOTOS


1st Floor
Beam 1
Coop Base
17b

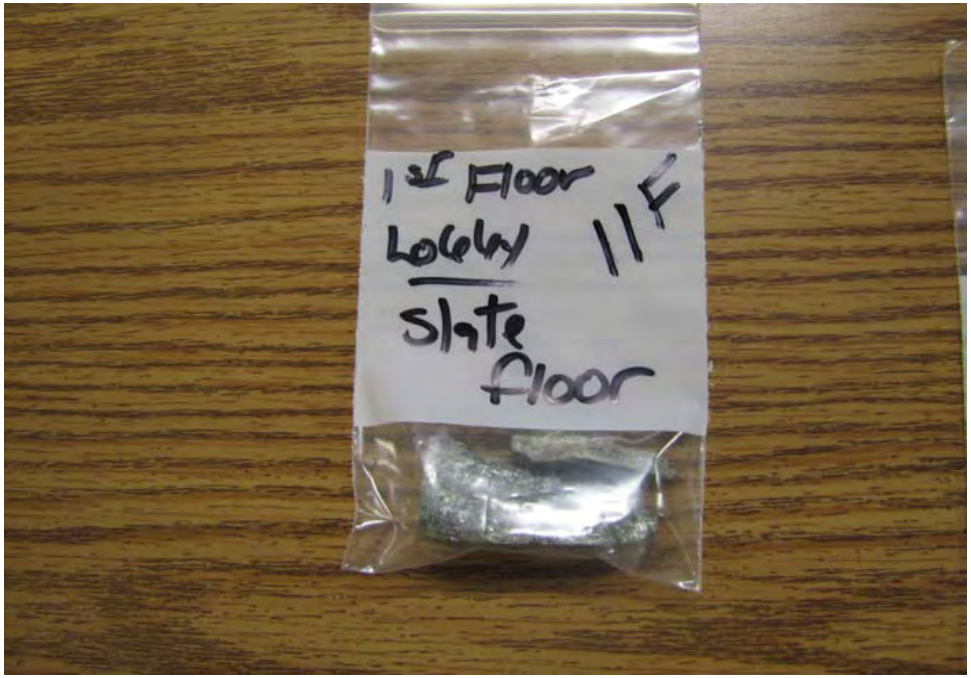
1st Floor
Heating
cooling
16A

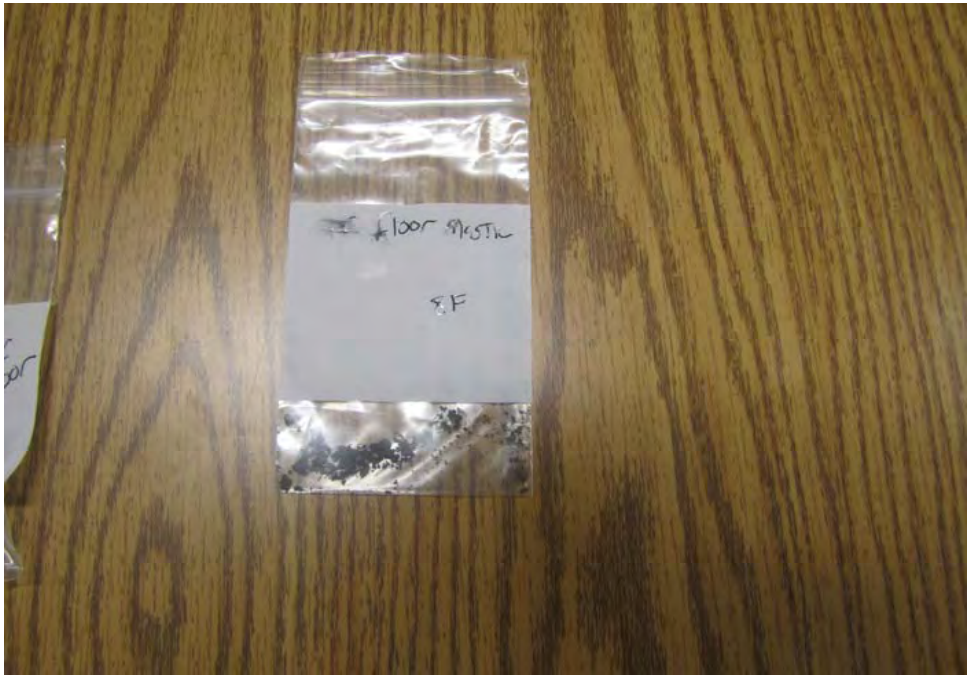
3/4
F1

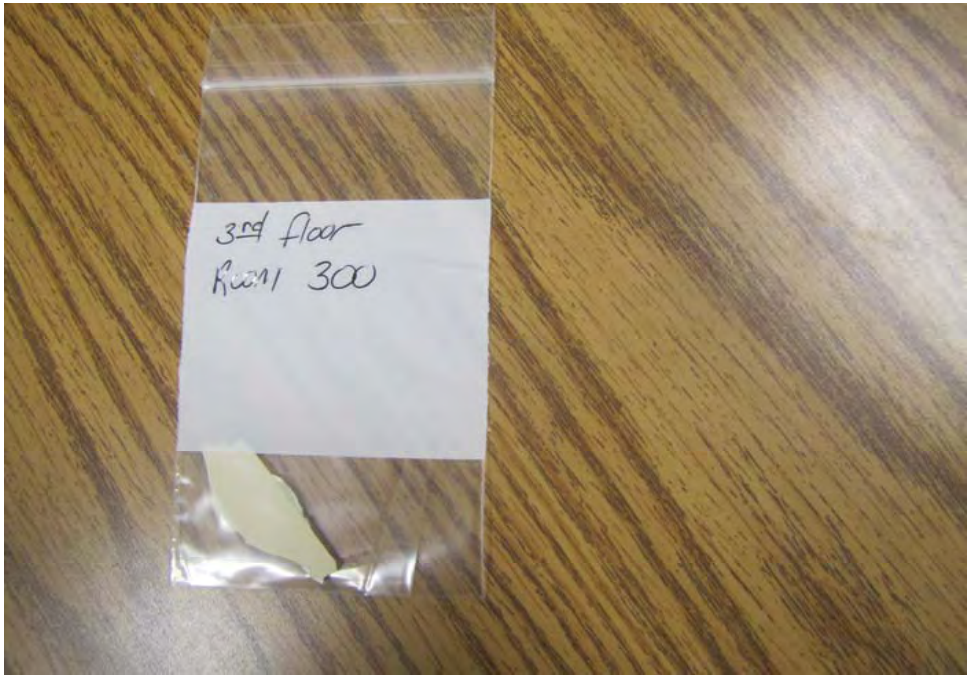
1st Floor
Heating
cooling
16A

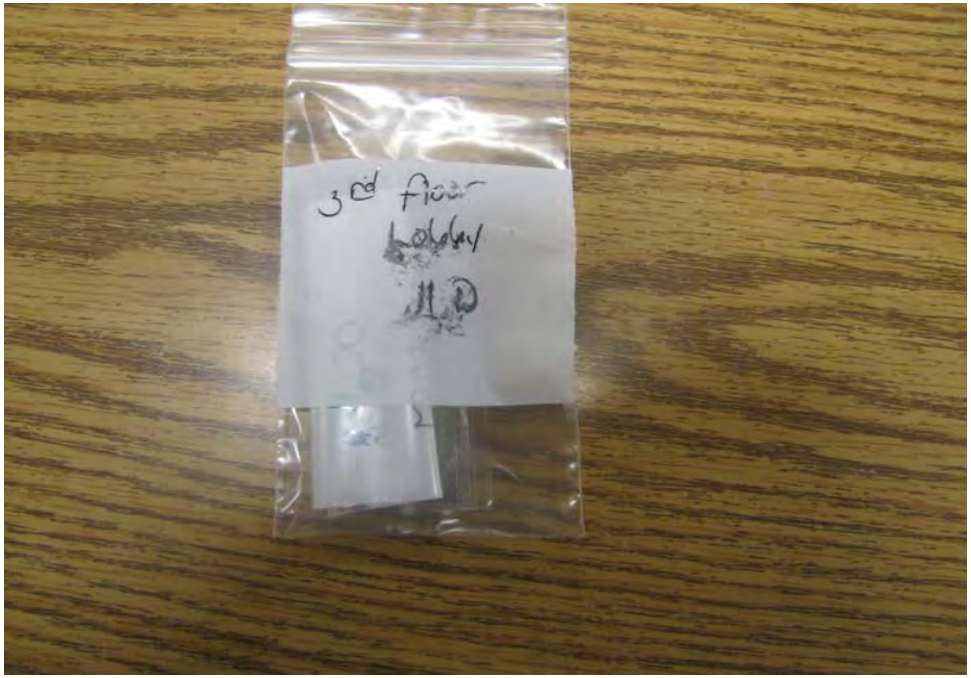
1st Floor
Lobby
Slate
floor

2nd
11F


1st Floor
Lobby
11F
Slate
floor

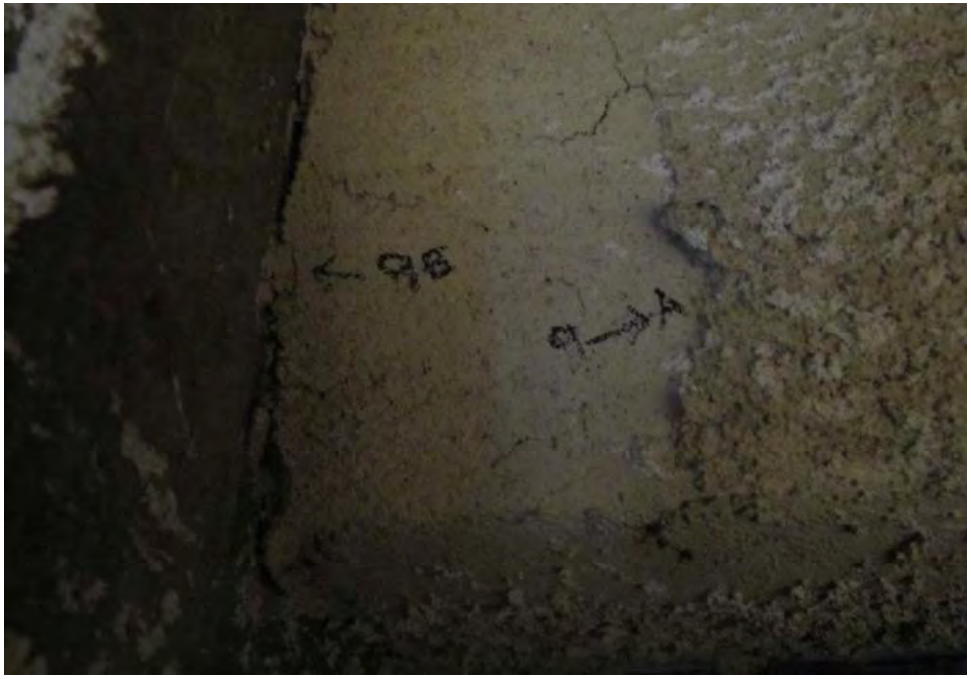

floor
11F

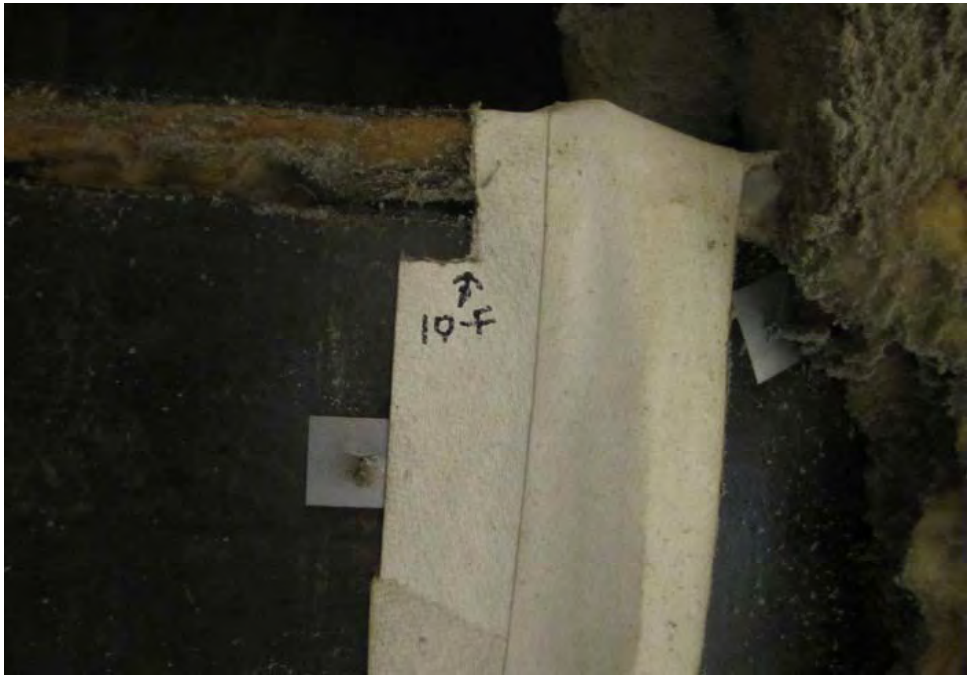

3rd floor
Room 300

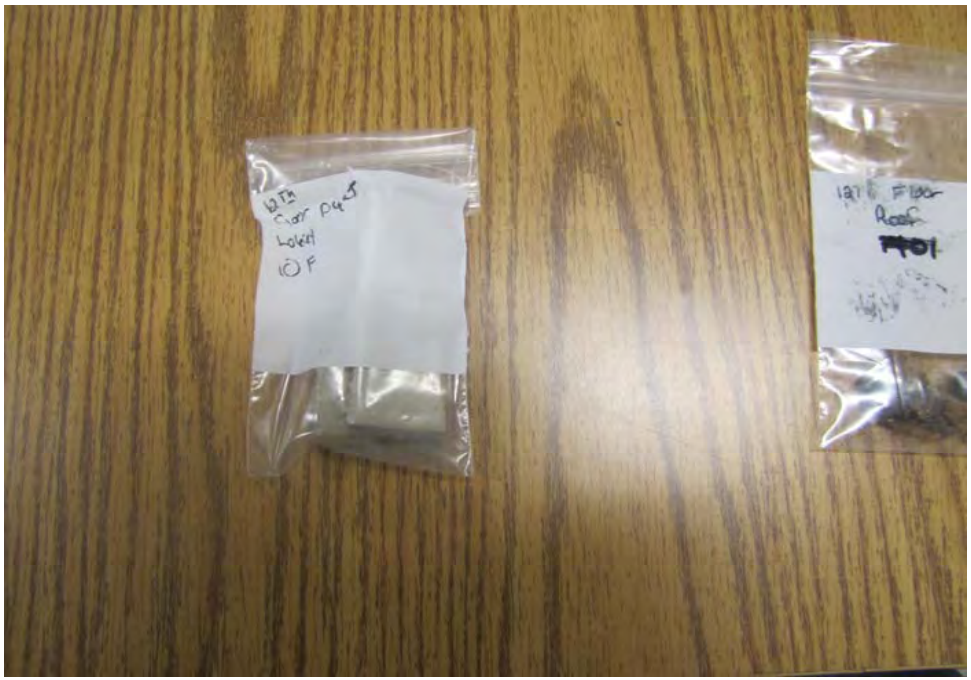

3rd floor
Lobby
MD

9th floor
Mens Bathroom

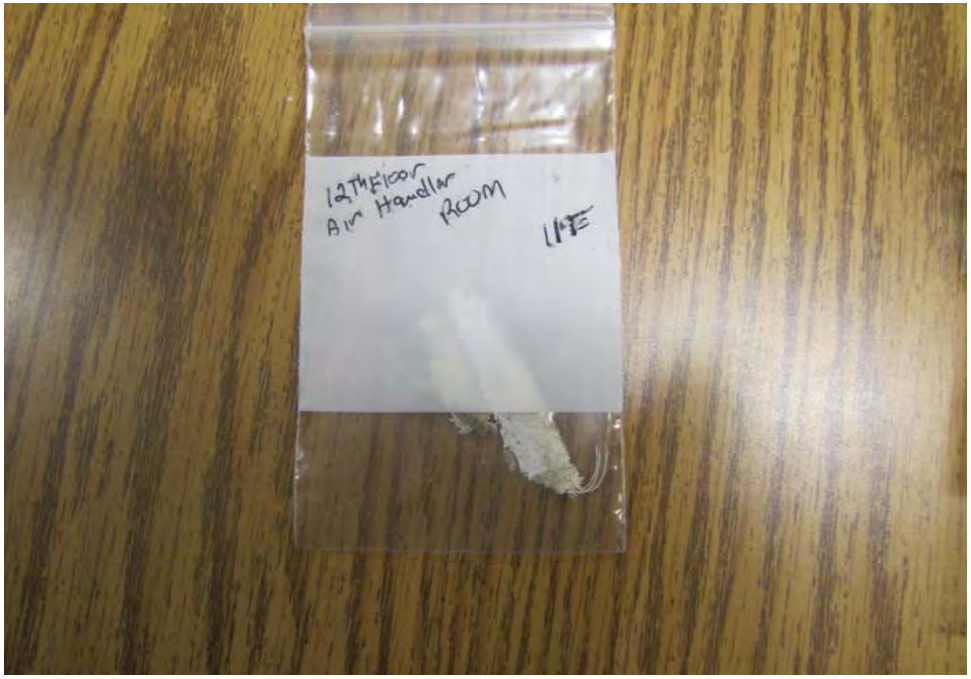
11F

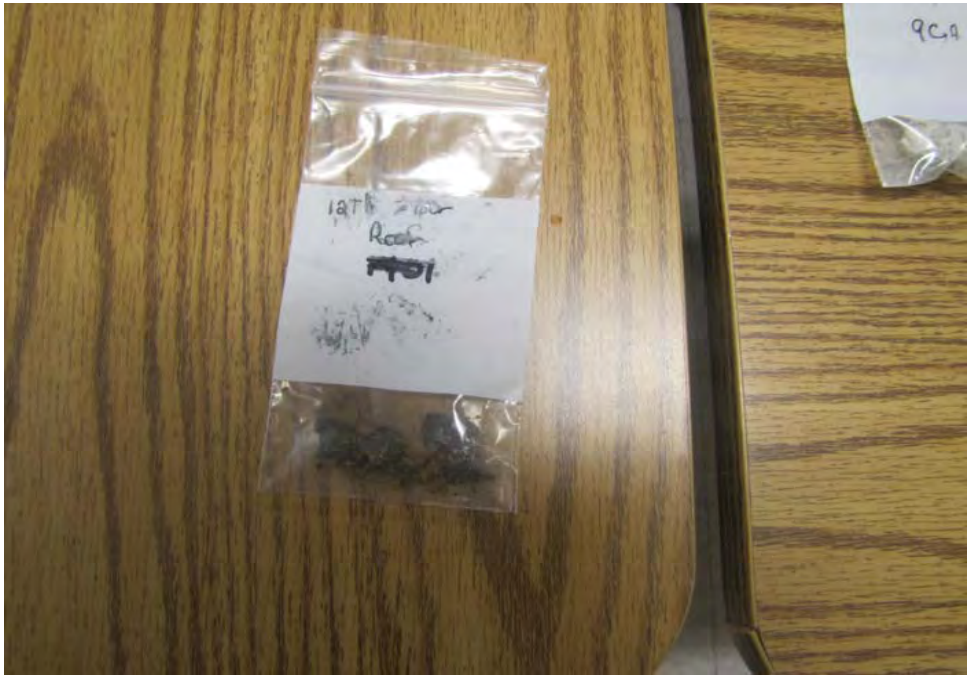

9B
9A

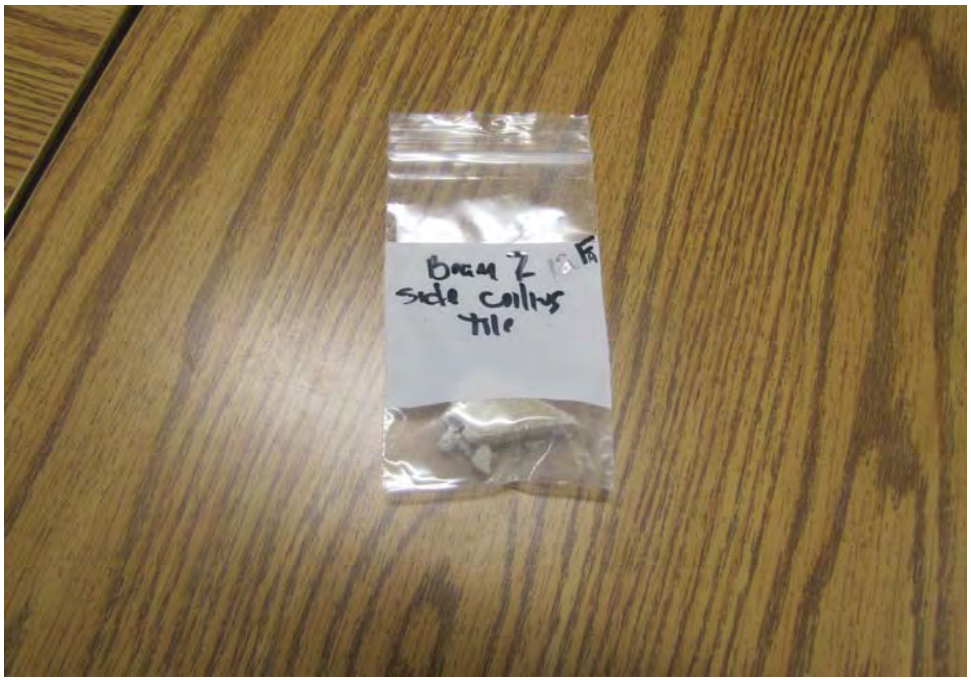

10-F

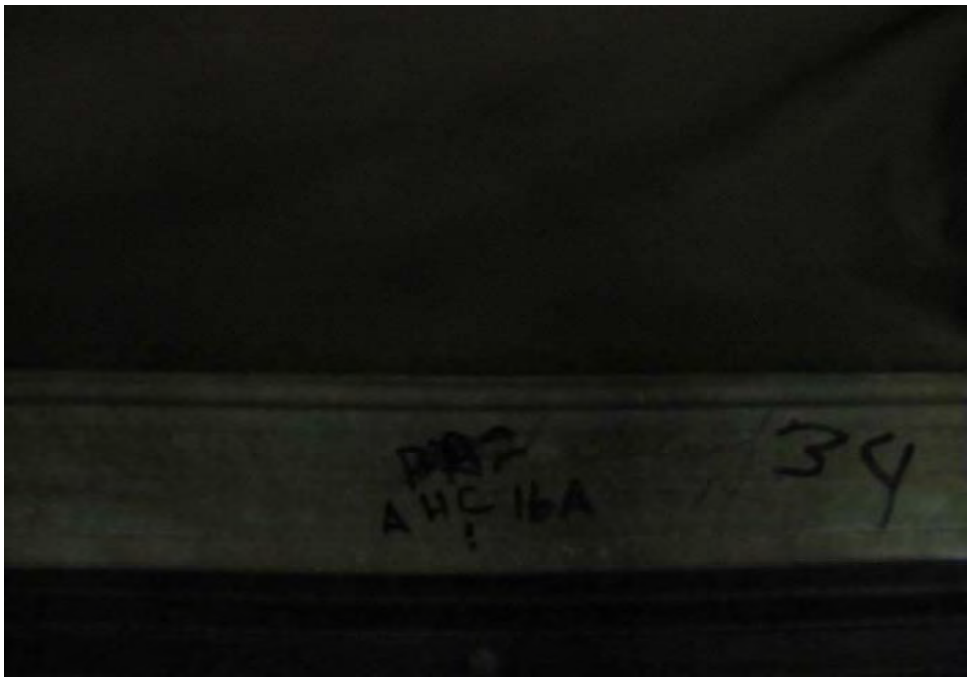

12th Floor Roof
#01

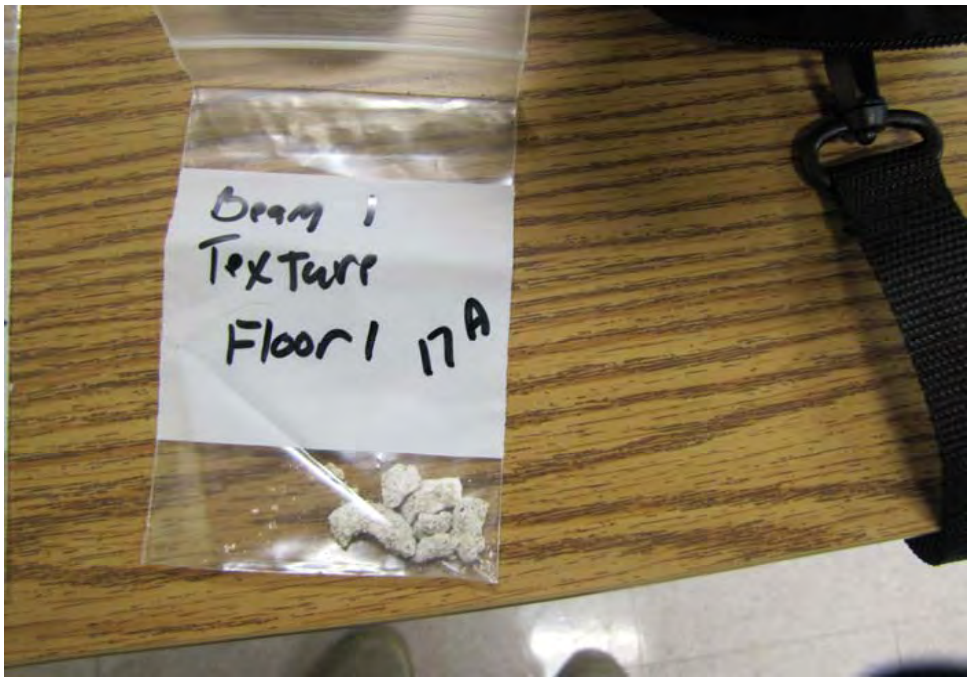
14.01
ELEV.

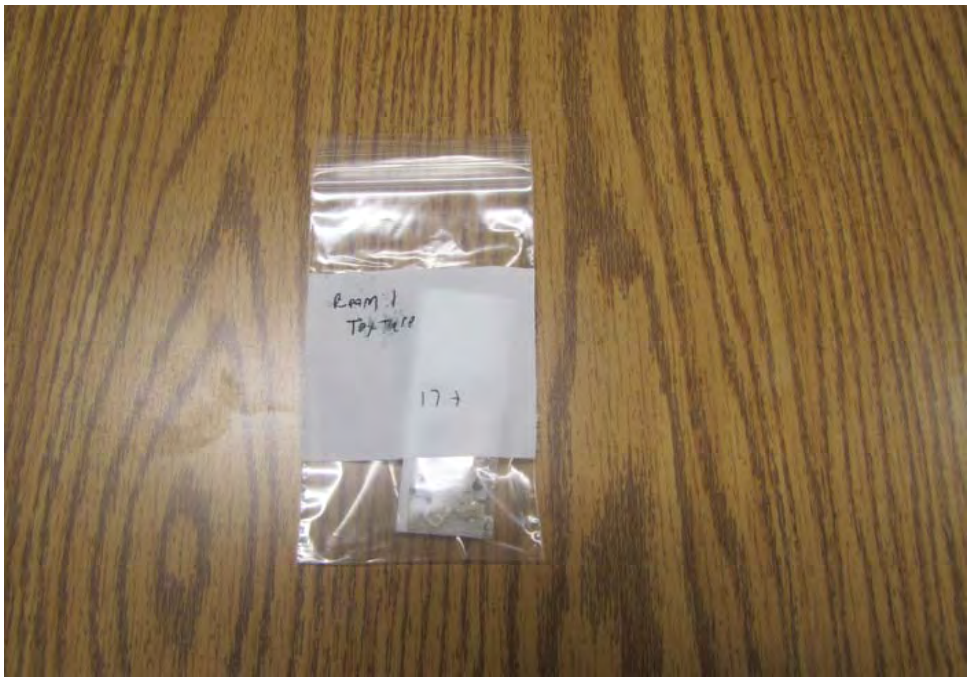

12TH Floor
Air Handler
ROOM
LIFE


12th Floor
Roof
#01

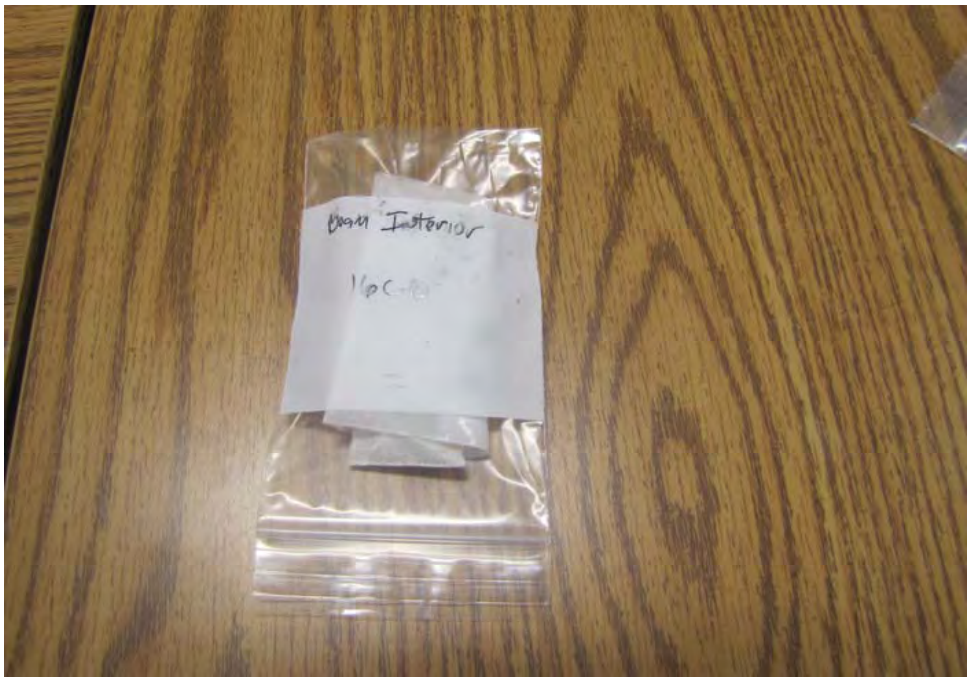

Beam 2
side ceiling
tile

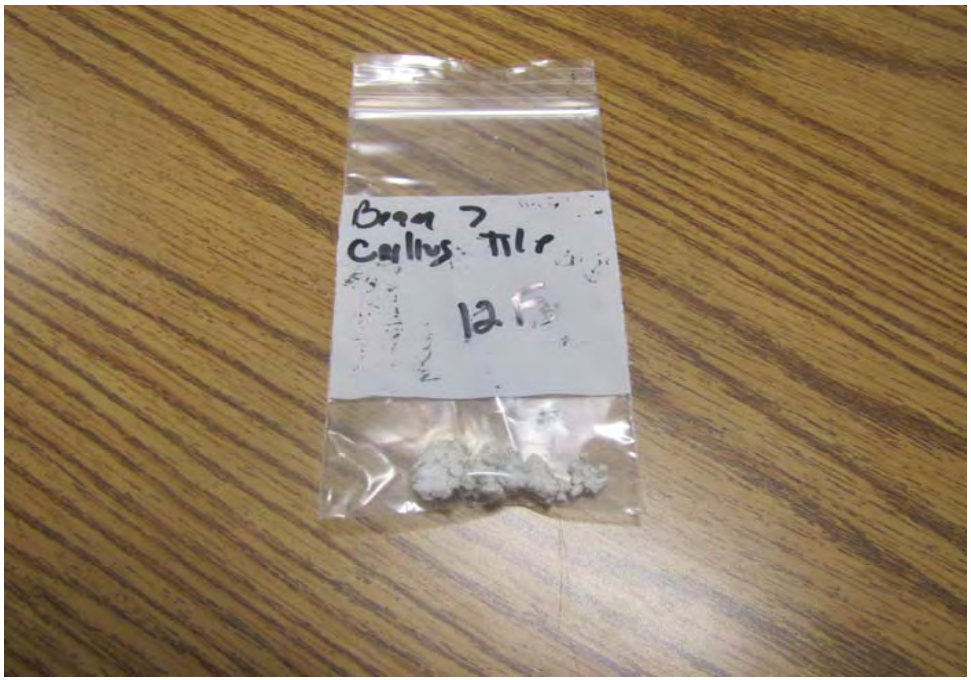

AHC 16A
34


Beam 1
Texture
Floor 17A

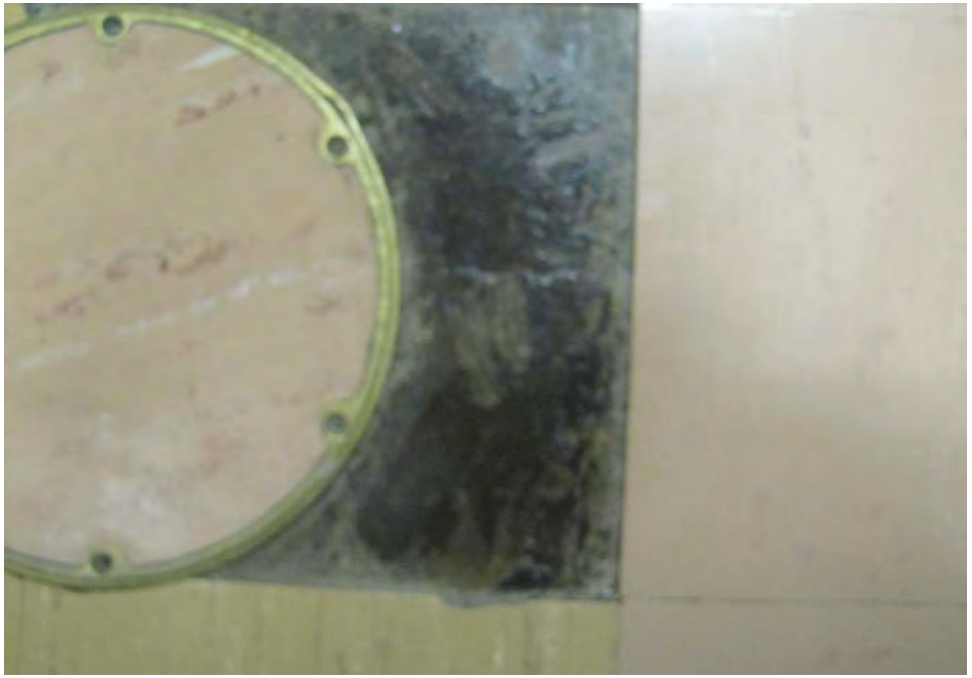

177

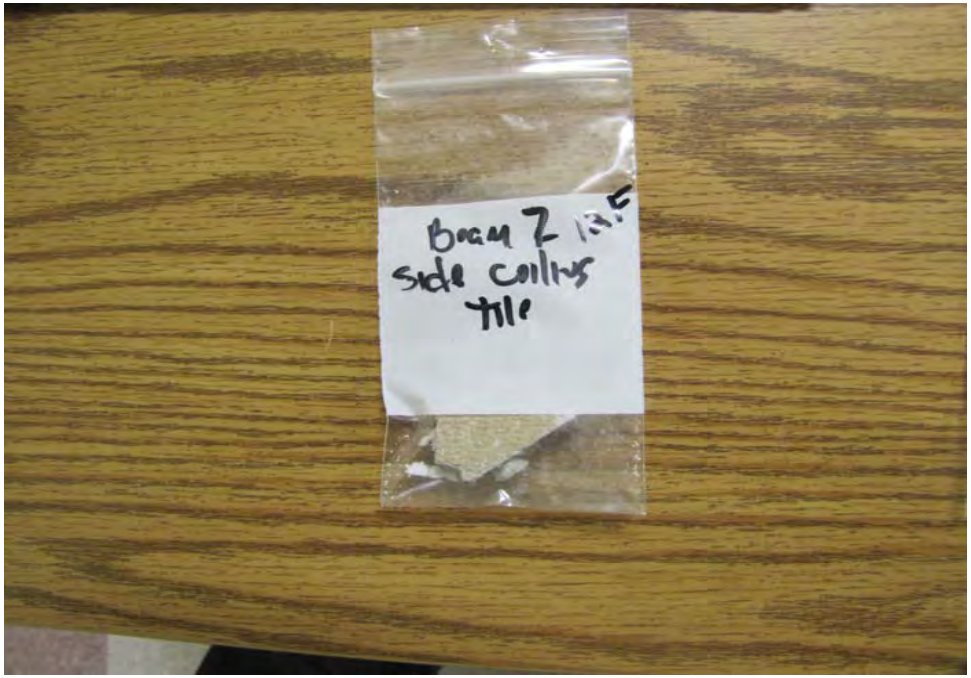
12F

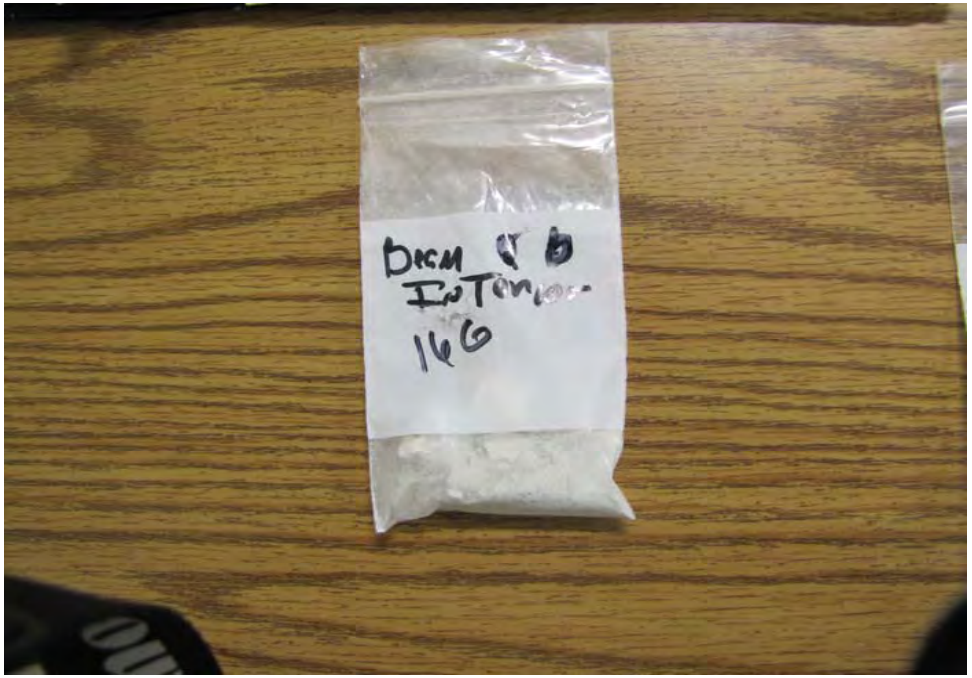

Beam Interior


12F

17A

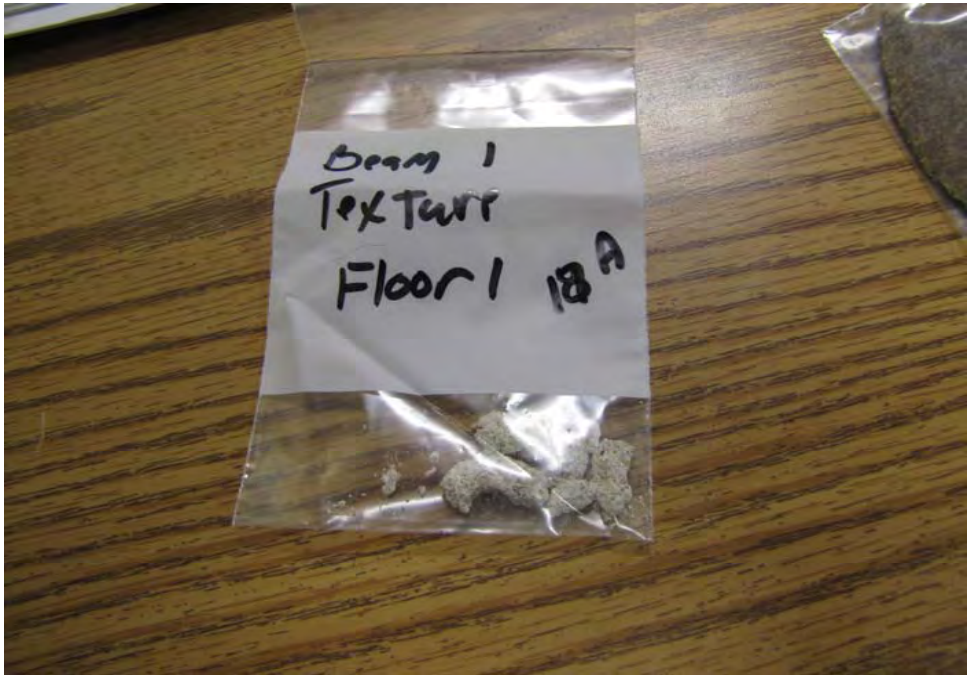


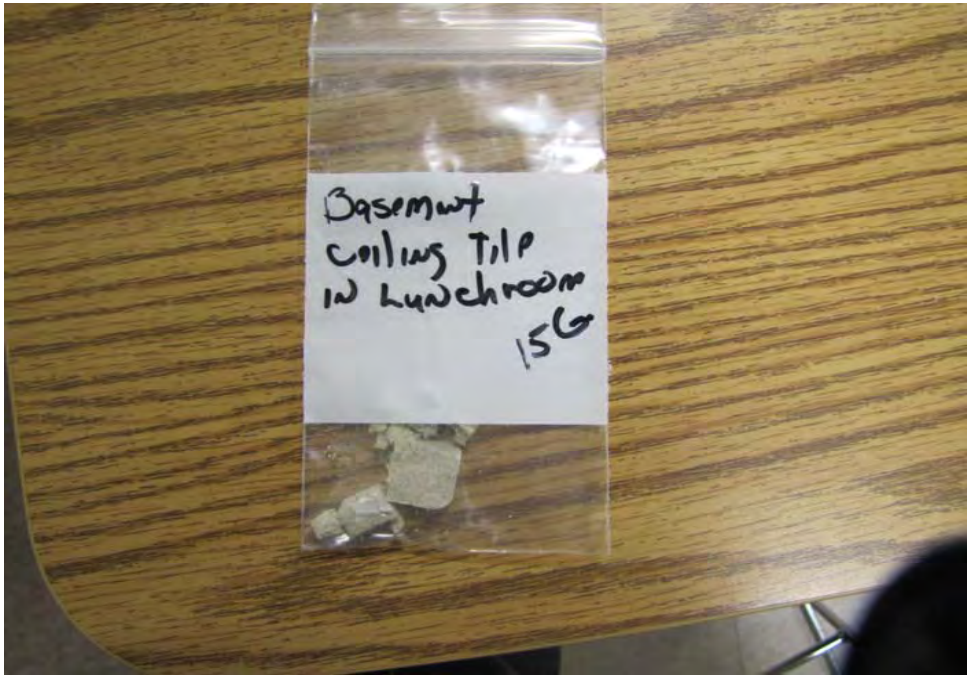

Beam Z 13.5
side ceiling
tile


Beam
166

Basement
Ceiling Tile
in Lunchroom
15G

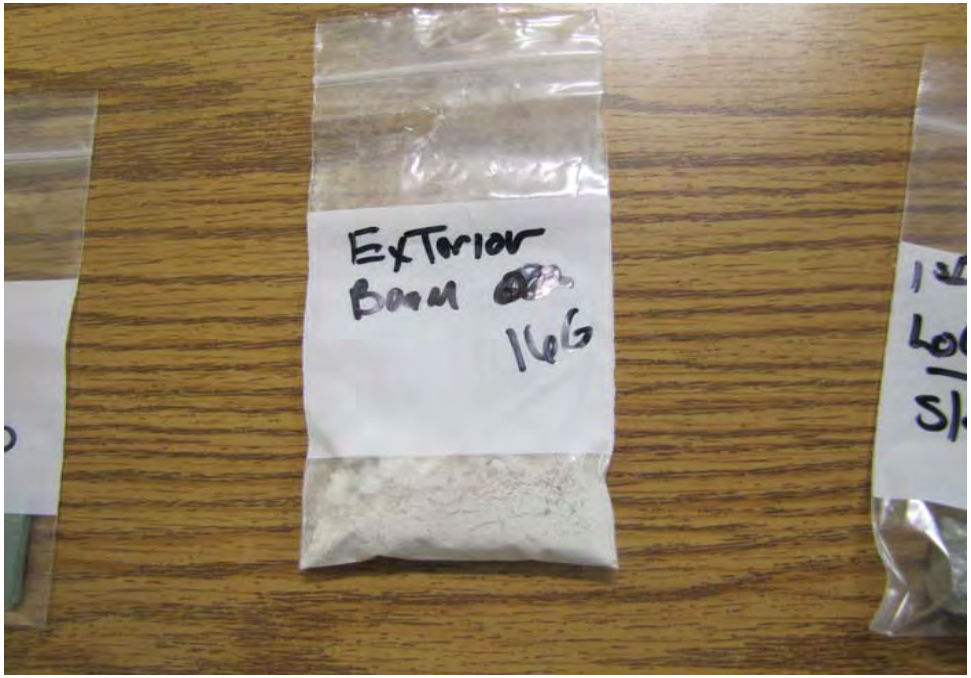
10G


Beam 1
Texture
Floor 1 18A


Basement
Ceiling Tile
in Lunchroom
15G

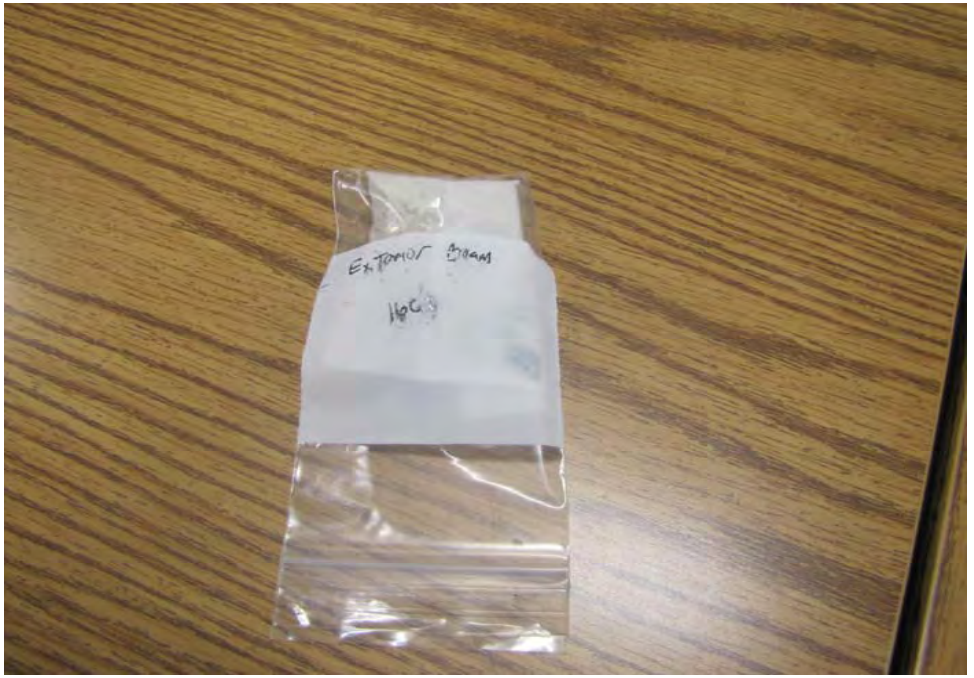
C
178

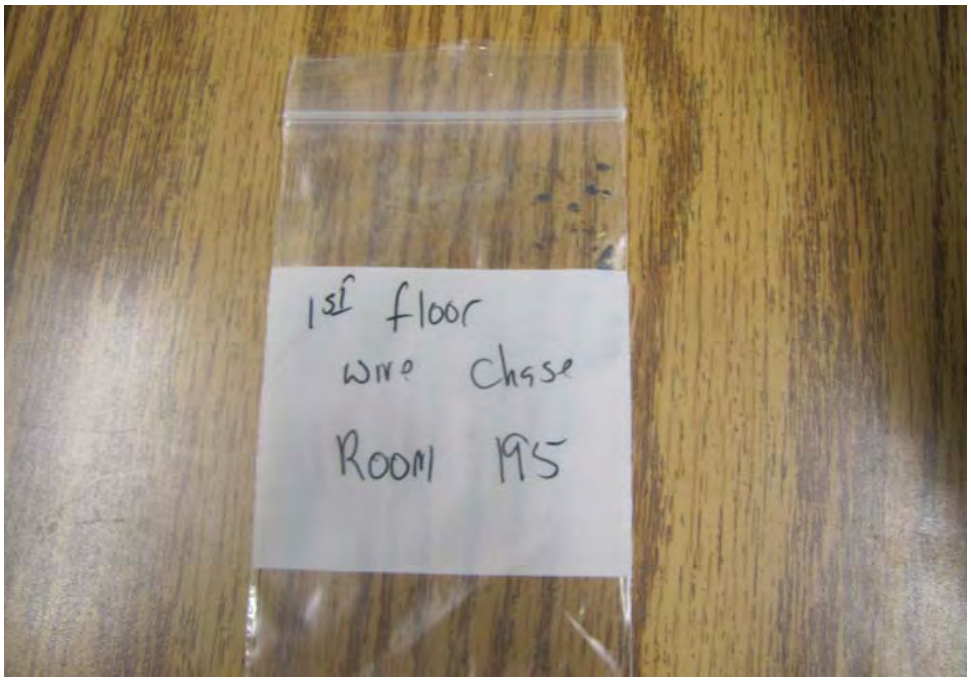
166
C

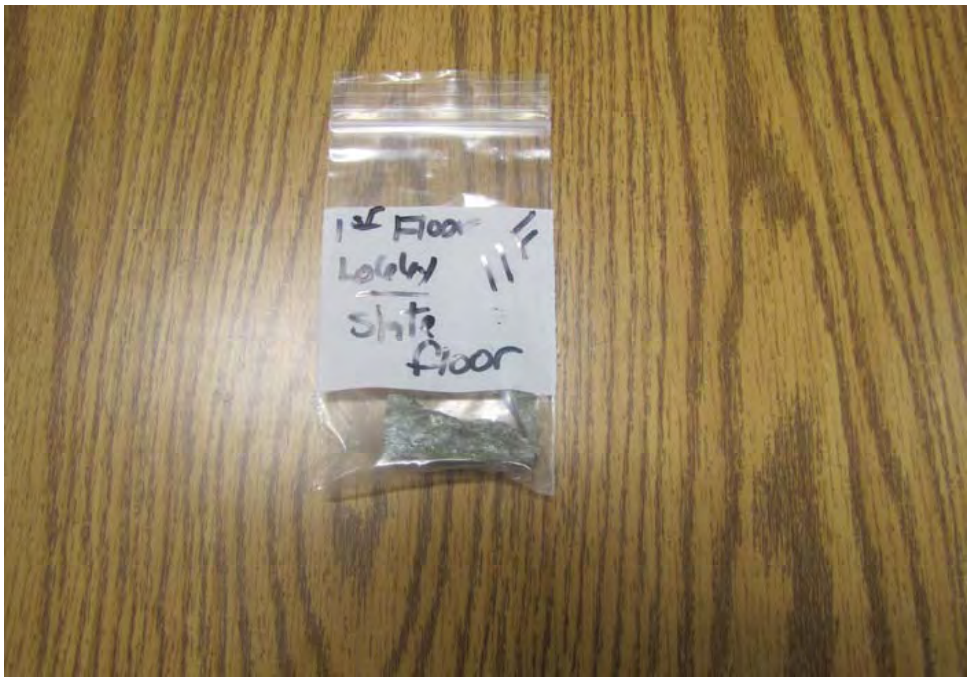

Exterior
Beam
16G

FD-1
Algoma Grade
FIRE DOOR

E-15

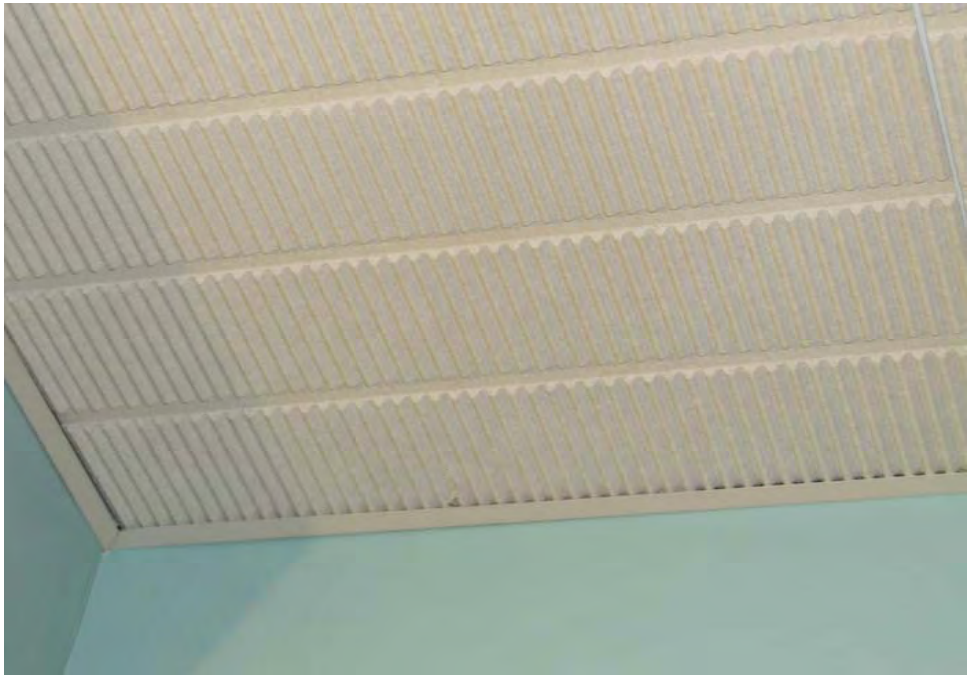

Exterior Beam
16G

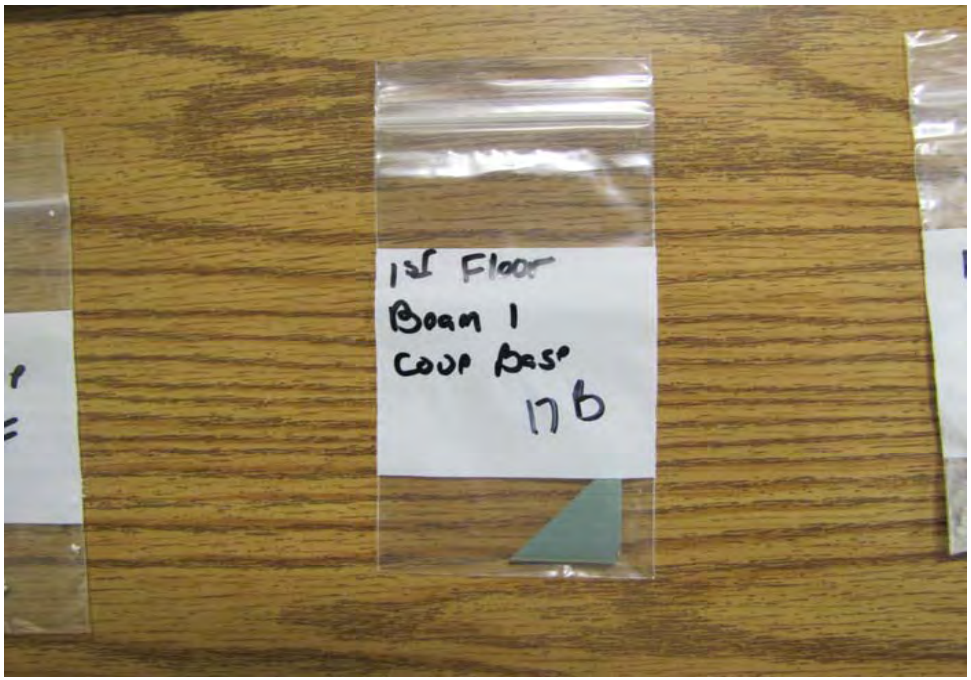

1st floor
wire Chase
Room 195

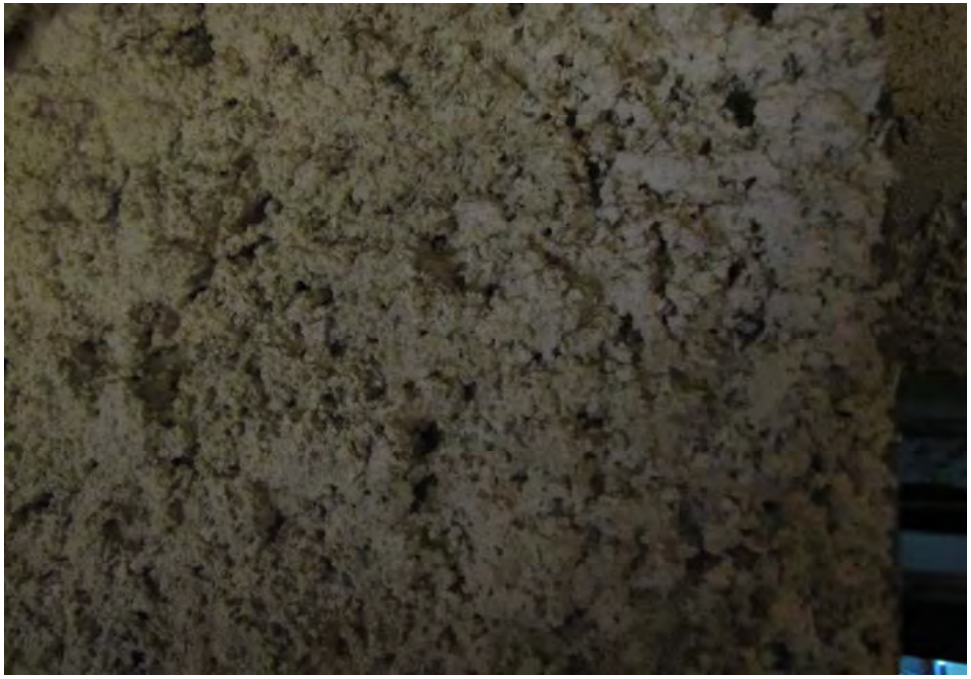

1st Floor
Lobby
Slate
floor

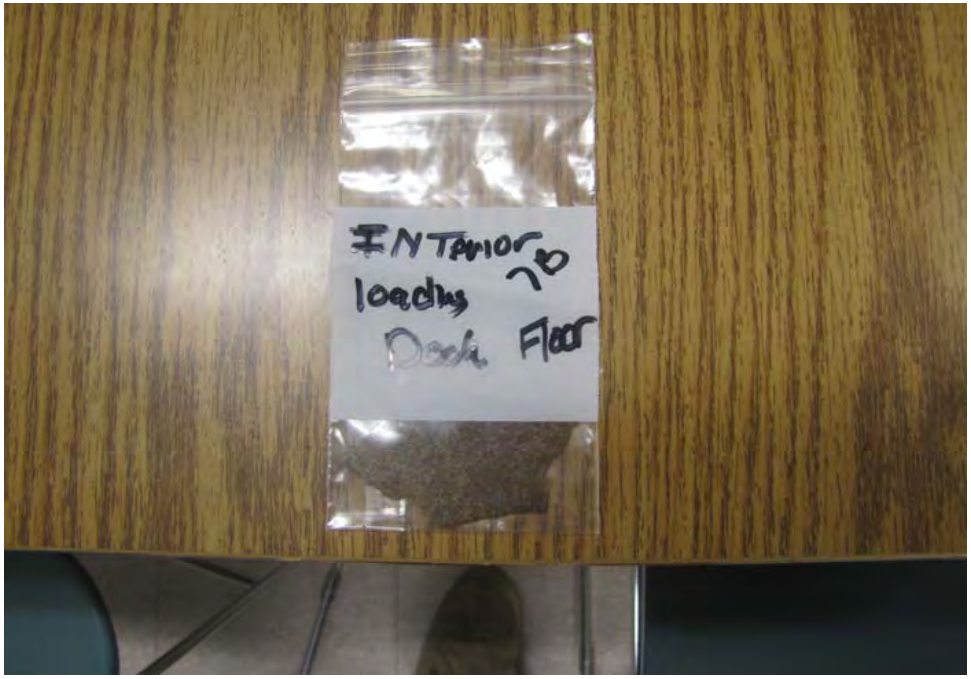
1st Floor
Core

1181

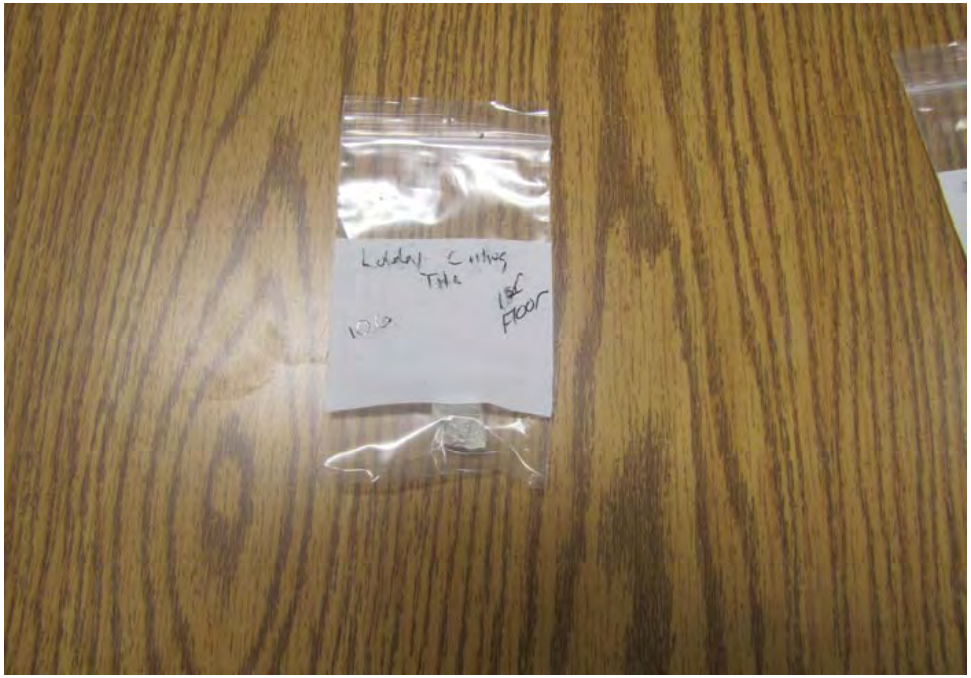


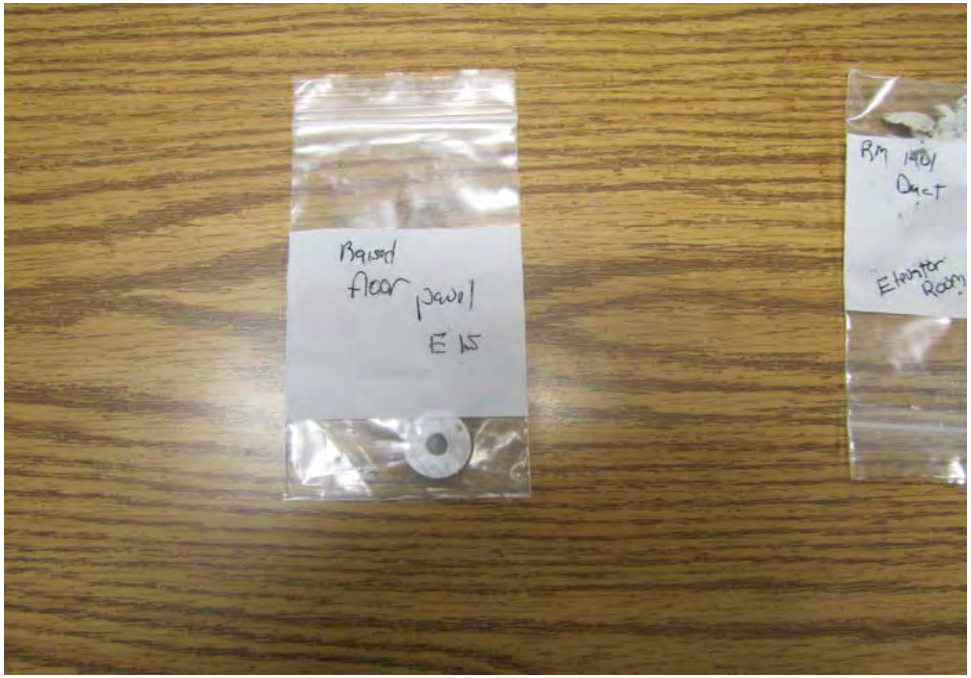

1st Floor
Beam 1
Coup Base
17b




INTerior
loading
Dock
Floor

Interior
loading
Dock
Floor

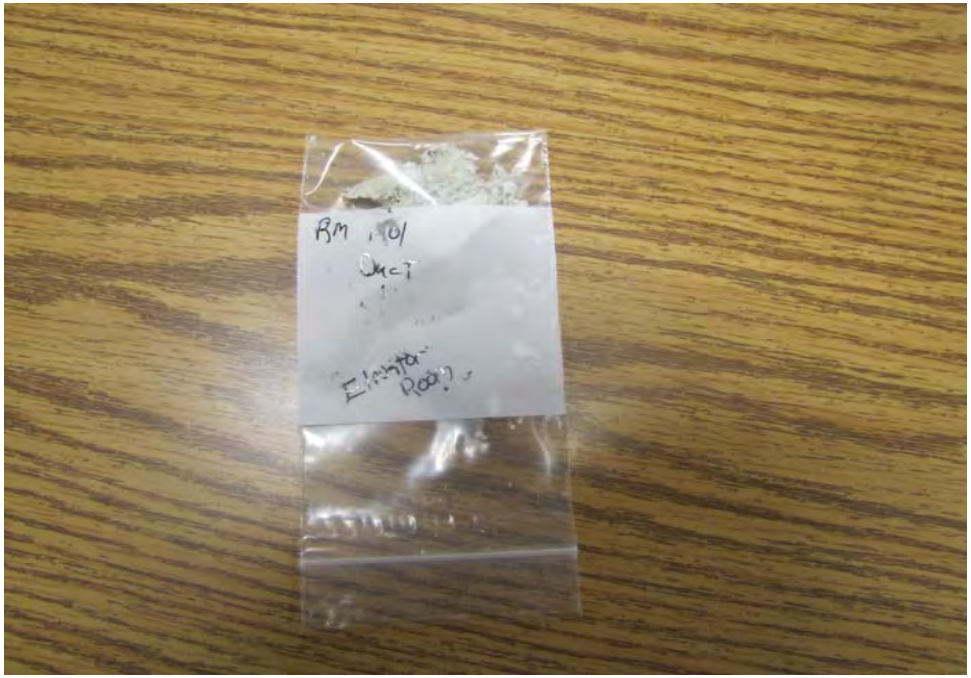

Ceiling
Tile
1st
Floor


Ceiling
Tile
1st
Floor

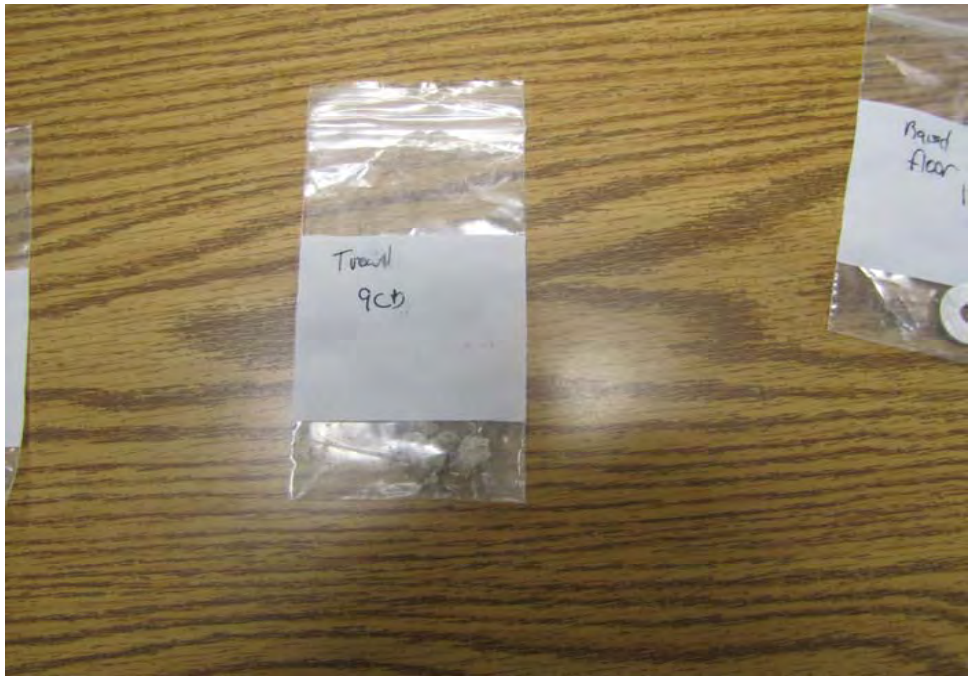
Beam 1
Texture
Floor 1

Boom 153
Wall Panel
8E

Transformer 2 Box
Wire Insulation



SPRAY
QCA


Travel
floor

# 6.0 REPORT SUMMARY

| | |
|---|---|
| **Project Number:** | KS-Survey-1330 |
| **Inspector:** | Chris Rosier |
| | Jerry Weston |
| **Survey Date:** | October 5th – 7th, 2013 |
| **Project Name / Location:** | Docking State Office Building<br>Topeka, Kansas |

**Some Homogenous Groups tested POSITIVE for Asbestos-Containing Building Material (ACBM).**

_____ **Date:** 15-Nov-13

CHRIS R. ROSIER **CERTIFICATION # 3508-13-10-3220**
AHERA Certified Building Inspector

_____ **Date:** 15-Nov-13

JERRY WESTON **CERTIFICATION # 3508-13-10-2844**
AHERA Certified Building Inspector

*Vann Companies, LLC*



JCSBC
2-2-2016
Att.5.--031

# APPENDICES

**Appendix A – FLOOR PLANS & SAMPLE LOCATIONS**

**Appendix B – SAMPLE MATRIX**

**Appendix C – LABORATORY BULK SAMPLE ANALYSIS REPORT**

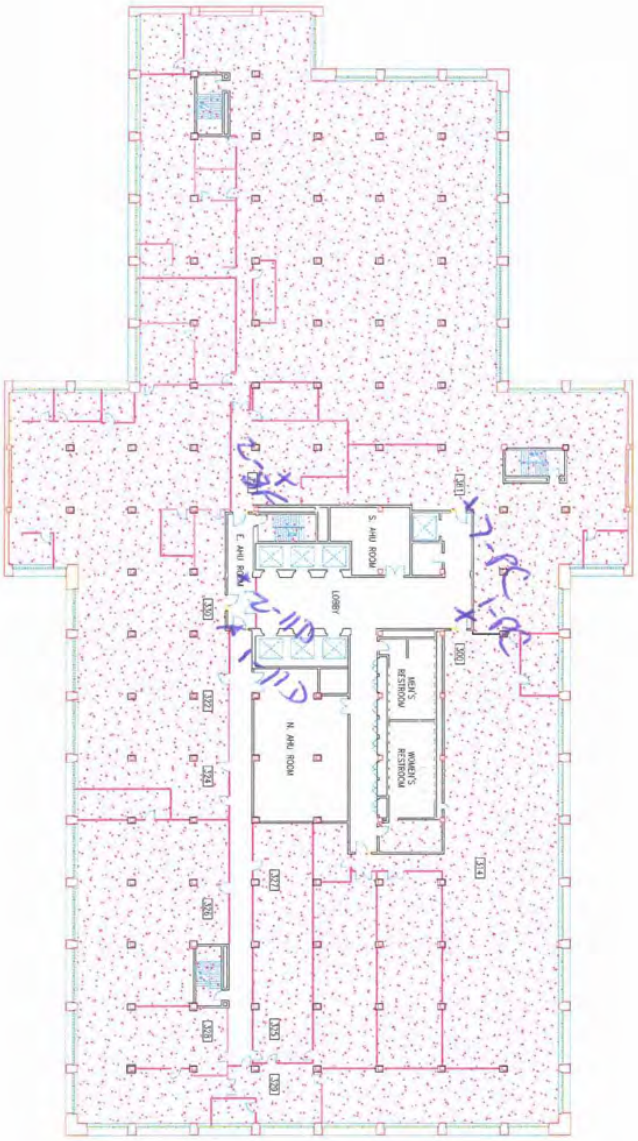
**Appendix D – INSPECTOR & LABORATORY CERTIFICATIONS**

# APPENDIX A

## FLOOR PLANS & SAMPLE LOCATIONS

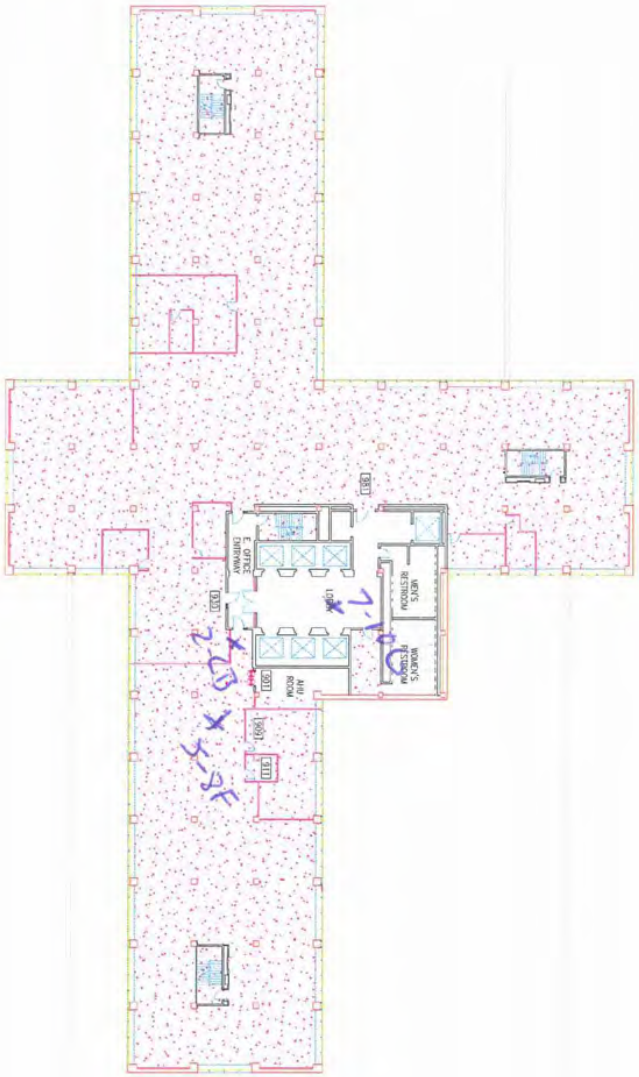
| SHEET: M1 | APEX ENVIRONMENTAL CONSULTANTS, INC. RISING TO THE TOP<br>4600 COLLEGE BOULEVARD<br>OVERLAND PARK, KS 66211-2311<br>PHONE: (913) 338-APEX (2739)<br>FAX: (913) 338-2741<br>APPROVED BY:<br>DRAWN BY: JEOs-SP | DOCKING STATE OFFICE BUILDING<br>ASBESTOS CONTAINING MATERIALS<br>MISCELLANEOUS MATERIALS<br>SCALE: 1/16"=1'-0" SUB-BASEMENT DATE: 11/24/99 | State of Kansas Department of Administration<br>Division of Facilities Management<br>Landon State Office Building<br>900 SW Jackson St Topeka KS 66612 (785) 296-1310 |
|---|---|---|---|

| SHEET: | | | |
|---|---|---|---|
| M3 | APEX ENVIRONMENTAL CONSULTANTS, INC. RISING TO THE TOP<br>4900 COLLEGE BOULEVARD<br>OVERLAND PARK, KS 66211-2311<br>PHONE: (913) 338-APEX (2739)<br>FAX: (913) 338-2744<br>APPROVED BY:<br>SIGNATURE: [illegible] | DOCKING STATE OFFICE BUILDING<br>ASBESTOS CONTAINING MATERIALS<br>MISCELLANEOUS MATERIALS<br>SCALE: 1/16"=1'-0" FIRST FLOOR DATE: 11/24/99 | State of Kansas Department of Administration<br>Division of Facilities Management<br>Landon State Office Building<br>900 SW Jackson St Topeka KS 66612 (785) 296-1318 |




| SHEET: | | | |
|---|---|---|---|
| M5 | APEX ENVIRONMENTAL CONSULTANTS, INC.<br>RISING TO THE TOP<br>4809 COLLEGE BOULEVARD<br>OVERLAND PARK, KS 66211-2311<br>PHONE: (913) 338-APEX (2739)<br>FAX: (913) 338-2741<br>APPROVED BY:<br>DRAWN BY: JEFF-DW | DOCKING STATE OFFICE BUILDING<br>ASBESTOS CONTAINING MATERIALS<br>MISCELLANEOUS MATERIALS<br>SCALE: 1/16"=1'-0" THIRD FLOOR DATE: 11/24/99 | State of Kansas Department of Administration<br>Division of Facilities Management<br>Landon State Office Building<br>900 SW Jackson St Topeka KS 66612 (785) 296-1310 |

| SHEET : | | | |
|---|---|---|---|
| M9 | APEX ENVIRONMENTAL CONSULTANTS, INC.<br>RISING TO THE TOP<br>4909 COLLEGE BOULEVARD<br>OVERLAND PARK, KS 66211-2311<br>PHONE: (913) 338-APEX (2739)<br>FAX: (913) 338-2741<br>APPROVED BY:<br>DRAWN BY: JEFF-JEN | DOCKING STATE OFFICE BUILDING<br>ASBESTOS CONTAINING MATERIALS<br>MISCELLANEOUS MATERIALS<br>SCALE : 1/16"=1'-0" SEVENTH FLOOR DATE : 11/24/99 | State of Kansas Department of Administration<br>Division of Facilities Management<br>Landon State Office Building<br>900 SW Jackson St Topeka KS 66612 (785) 296-1318 |




FIRE DOOR

FLOOR TILE

| SHEET: | | | |
|---|---|---|---|
| M11 | APEX ENVIRONMENTAL CONSULTANTS, INC. RISING TO THE TOP<br>4809 COLLEGE BOULEVARD<br>OVERLAND PARK, KS 66211-2311<br>PHONE: (913) 338-APEX (2759)<br>FAX: (913) 338-2741<br>APPROVED BY:<br>DRAWN BY: JEES-EW | DOCKING STATE OFFICE BUILDING<br>ASBESTOS CONTAINING MATERIALS<br>MISCELLANEOUS MATERIALS<br>SCALE : 1/16"=1'-0" NINTH FLOOR DATE : 11/24/99 | State of Kansas Department of Administration<br>Division of Facilities Management<br>Landon State Office Building<br>900 SW Jackson St Topeka KS 66612 (785) 296-1318 |

| SHEET: | | | |
|---|---|---|---|
| M13 | APEX ENVIRONMENTAL CONSULTANTS, INC.<br>RISING TO THE TOP<br>4909 COLLEGE BOULEVARD<br>OVERLAND PARK, KS 66211-2311<br>PHONE: (913) 338-APEX (2739)<br>FAX: (913) 338-2741<br>APPROVED BY:<br>DRAWN BY: JECU-SN | DOCKING STATE OFFICE BUILDING<br>ASBESTOS CONTAINING MATERIALS<br>MISCELLANEOUS MATERIALS<br>SCALE : 1/16"=1'-0" ELEVENTH FLOOR DATE : 11/24/99 | State of Kansas Department of Administration<br>Division of Facilities Management<br>Landon State Office Building<br>900 SW Jackson St Topeka KS 66612 (785) 296-1318 |

FLOOR TILE

SHEET : M14

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" TWELFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

| | | | |
|---|---|---|---|
| SHEET: M16 | APEX ENVIRONMENTAL CONSULTANTS, INC.<br>4900 COLLEGE BOULEVARD<br>OVERLAND PARK, KS 66211-2311<br>PHONE: (913) 338-APEX (2739)<br>FAX: (913) 338-2741 | DOCKING STATE OFFICE BUILDING<br>ASBESTOS CONTAINING MATERIALS<br>MISCELLANEOUS MATERIALS<br>SCALE: 1/16"=1'-0" FOURTEENTH FLOOR DATE: 11/24/99 | State of Kansas Department of Administration<br>Division of Facilities Management<br>Landon State Office Building<br>900 SW Jackson St Topeka KS 66612 (785) 296-1318 |

# APPENDIX B

## SAMPLE MATRIX

**Sample Results**

Accessible areas/rooms were entered and inspected in order to identify ACM. The data contained in this report has been compiled based upon visible and accessible materials, and in conjunction with the previously performed survey by APEX Environmental Consultants, Inc. on December 30th, 1999. Vann did not perform selective wall/chase demolition in order to discern hidden areas of insulation and other suspect ACM. Without at least partial demolition to some walls/pipe chases and ceiling systems, 100% accuracy of the data contained herein is not possible. During the inspection, however, the heating, ventilation and air conditioning (HVAC) systems and water supply piping was traced to the best of our ability in order to minimize the chances of thermal system insulation being missed within wall/ceiling cavities.

A total of 196 bulk samples were collected from suspect ACM during the inspection. All of the suspect materials identified during the inspection are listed by material type and location on the Sample Matrix spreadsheet, located in this appendix. The spreadsheet is comprised of six columns, each with specific information regarding a particular suspect material. The columns are defined in the following manner:

| | |
|---|---|
| Column 1<br>Lab ID / Vann ID | Identifies the sample by lab identification number and internal identification number. |
| Column 2<br>Sample Location | Identifies the area from which the sample was taken. |
| Column 3<br>Layer Name /<br>Sample Description | Describes the sample in terms of color and composition. Samples taken from multiple-layer areas are identified by layer and material type. |
| Column 4<br>Asbestos Detected? | Indicates if the material tested positive for asbestos. |
| Column 5<br>Asbestos Type | Identifies the type of asbestos material, if positive. Negative results indicate “None Detected”. |
| Column 6<br>Concentration | Indicates concentration of asbestos in the material. Negative results contain no data. |

The bulk sample analytical documentation is located in Appendix C of this report.

| Lab ID / Vann ID | Sample Location | Layer Name / Sample Description | Asbestos Detected? | Asbestos Type | Concentration |
|---|---|---|---|---|---|
| 0132831-001 1-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | |
| 0132831-002 2-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | |
| 0132831-003 3-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | |
| 0132831-004 4-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | |
| 0132831-005 5-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | |
| 0132831-006 6-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | |
| 0132831-007 1-A | | Wire Insulation, Black | No | None Detected | |
| 0132831-008 2-A | MECHANICAL RM | Wire Insulation, Black | No | None Detected | |
| 0132831-009 3-A | BASEMENT NEXT TO BOILER | Wire Insulation, Black | No | None Detected | |
| 0132831-010 4-A | 4 LVL MECHANICAL RM | Wire Insulation, Black | No | None Detected | |
| 0132831-011 5-A | E. END BASEMENT | Wire Insulation, Black | No | None Detected | |
| 0132831-012 6-A | S. END BASEMENT | Wire Insulation, Black | No | None Detected | |
| 0132831-013 7-A | W. END BASEMENT | Wire Insulation, Black | No | None Detected | |
| 0132831-014 1-10F | 12TH FL LOBBY | Duct Tape, Lt. Gray | Yes | Chrysotile | 40% |
| 0132831-015 2-10F | 12TH FL LOBBY | Duct Tape, Lt. Gray | Yes | Chrysotile | 40% |
| 0132831-016 3-10F | 12TH FL LOBBY | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% |
| 0132831-017 4-10F | S. END OF DUCTING | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% |
| 0132831-018 5-10F | WEST | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% |
| 0132831-019 6-10F | EAST | Duct Tape, Lt. Gray | Yes | Chrysotile | 40% |
| 0132831-020 7-10F | NORTH | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% |
| 0132831-021 1-15G | CAFETERIA | Ceiling Tile, Beige | No | None Detected | |
| 0132831-022 2-15G | WEST END | Ceiling Tile, Beige | No | None Detected | |
| 0132831-023 3-15G | SOUTH END | Ceiling Tile, Beige | No | None Detected | |
| 0132831-024 4-15G | NORTH END | Ceiling Tile, Beige | No | None Detected | |
| 0132831-025 5-15G | EAST END | Ceiling Tile, Beige | No | None Detected | |
| 0132831-026 6-15G | IN MIDDLE | Ceiling Tile, Beige | No | None Detected | |
| 0132831-027 7-15G | SW CORNER | Ceiling Tile, Beige | No | None Detected | |
| 0132831-028 1-15E | E. | Floor Panel, White/ Brown | No | None Detected | |
| 0132831-029 2-15E | EAST | Floor Panel, White/ Brown | No | None Detected | |
| 0132831-030 3-15E | NORTH | Floor Panel, White/ Brown | No | None Detected | |
| 0132831-031 4-15E | | Floor Panel, White/ Brown | No | None Detected | |
| 0132831-032 5-15E | RAISED | Floor Panel, White/ Brown | No | None Detected | |
| 0132831-033 6-15E | SOUTH | Floor Panel, White/ Brown | No | None Detected | |
| 0132831-034 1-FC | FLOOR CORP 12TH FL | LAYER 1 Floor Tile, Lt. Yellow | Yes | Chrysotile | 3% |
| 0132831-034 1-FC | FLOOR CORP 12TH FL | LAYER 2 Mastic, Black | Yes | Chrysotile | 3% |
| 0132831-034 1-FC | FLOOR CORP 12TH FL | LAYER 3 Concrete, Gray | No | None Detected | |
| 0132831-034 1-FC | FLOOR CORP 12TH FL | LAYER 4 Mastic, Clear | No | None Detected | |
| 0132831-035 1-11F | 1ST FL LOBBY | Slate Floor, White | No | None Detected | |
| 0132831-036 1-PC | 3RD FL RM 300 | LAYER 1 Paint Chip, White | No | None Detected | |
| 0132831-036 1-PC | 3RD FL RM 300 | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-036 1-PC | 3RD FL RM 300 | LAYER 3 Plaster-Scratch Coat, Beige Note: Very small amount of sample | No | None Detected | |
| 0132831-037 2-PC | 3RD FL N. WALL | LAYER 1 Paint Chip, White | No | None Detected | |
| 0132831-037 2-PC | 3RD FL N. WALL | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-037 2-PC | 3RD FL N. WALL | LAYER 3 Plaster-Scratch Coat, Beige Note: Very small amount of sample | No | None Detected | |
| 0132831-038 3-PC | 3RD FL S. WALL | LAYER 1 Paint Chip, White | No | None Detected | |
| 0132831-038 3-PC | 3RD FL S. WALL | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-038 3-PC | 3RD FL S. WALL | LAYER 3 Plaster-Scratch Coat, Beige Note: Very small amount of sample | No | None Detected | |
| 0132831-039 4-PC | 3RD FL E. WALL | LAYER 1 Paint Chip, White | No | None Detected | |
| 0132831-039 4-PC | 3RD FL E. WALL | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-039 4-PC | 3RD FL E. WALL | LAYER 3 Plaster-Scratch Coat, Beige Note: Very small amount of sample | No | None Detected | |
| 0132831-040 5-PC | 3RD FL W. WALL | LAYER 1 Paint Chip, White | No | None Detected | |
| 0132831-040 5-PC | 3RD FL W. WALL | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |



JCSBC
2-2-2016
Att.5.--044

| | | | | | |
|---|---|---|---|---|---|
| 0132831-040 5-PC | 3RD FL W. WALL | LAYER 3 Plaster-Scratch Coat, Beige Note: Very small amount of sample | No | None Detected | |
| 0132831-041 6-PC | 3RD FL CENTER WALL | LAYER 1 Paint Chip, White | No | None Detected | |
| 0132831-041 6-PC | 3RD FL CENTER WALL | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-041 6-PC | 3RD FL CENTER WALL | LAYER 3 Plaster-Scratch Coat, Beige Note: Very small amount of sample | No | None Detected | |
| 0132831-042 7-PC | 3RD FL INSIDE DOOR WALL | LAYER 1 Paint Chip, White | No | None Detected | |
| 0132831-042 7-PC | 3RD FL INSIDE DOOR WALL | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-042 7-PC | 3RD FL INSIDE DOOR WALL | LAYER 3 Plaster-Scratch Coat, Beige Note: Very small amount of sample | No | None Detected | |
| 0132831-043 1-17A | BEAM FL1 | LAYER 1 Texture / Paint, White Note: Layer is mainly Paint - no Texture present | No | None Detected | |
| 0132831-043 1-17A | BEAM FL1 | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-043 1-17A | BEAM FL1 | LAYER 3 Plaster-Scratch Coat, Beige | No | None Detected | |
| 0132831-044 2-17A | S. SIDE FL 1 | LAYER 1 Texture / Paint, White Note: Layer is mainly Paint - no Texture present | No | None Detected | |
| 0132831-044 2-17A | S. SIDE FL 1 | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-044 2-17A | S. SIDE FL 1 | LAYER 3 Plaster-Scratch Coat, Beige | No | None Detected | |
| 0132831-045 3-17A | W. SIDE FL 1 | LAYER 1 Texture / Paint, White Note: Layer is mainly Paint - no Texture present | No | None Detected | |
| 0132831-045 3-17A | W. SIDE FL 1 | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-045 3-17A | W. SIDE FL 1 | LAYER 3 Plaster-Scratch Coat, Beige | No | None Detected | |
| 0132831-046 4-17A | FL 1 | LAYER 1 Texture / Paint, White Note: Layer is mainly Paint - no Texture present | No | None Detected | |
| 0132831-046 4-17A | FL 1 | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-046 4-17A | FL 1 | LAYER 3 Plaster-Scratch Coat, Beige | No | None Detected | |
| 0132831-047 5-17A | SOUTH | LAYER 1 Texture / Paint, White Note: Layer is mainly Paint - no Texture present | No | None Detected | |
| 0132831-047 5-17A | SOUTH | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-047 5-17A | SOUTH | LAYER 3 Plaster-Scratch Coat, Beige | No | None Detected | |
| 0132831-048 6-17A | WEST | LAYER 1 Texture / Paint, White Note: Layer is mainly Paint - no Texture present | No | None Detected | |
| 0132831-048 6-17A | WEST | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-048 6-17A | WEST | LAYER 3 Plaster-Scratch Coat, Beige | No | None Detected | |
| 0132831-049 7-17A | CENTER BEAM | LAYER 1 Texture / Paint, White Note: Layer is mainly Paint - no Texture present | No | None Detected | |
| 0132831-049 7-17A | CENTER BEAM | LAYER 2 Plaster-Finish Coat, White | No | None Detected | |
| 0132831-049 7-17A | CENTER BEAM | LAYER 3 Plaster-Scratch Coat, Beige | No | None Detected | |
| 0132831-050 1-8F | 1ST FL | Floor Mastic, Brown/ Black | Yes | Chrysotile | <1% |
| 0132831-051 2-8F | 3RD FL | Floor Mastic, Brown/ Black | Yes | Chrysotile | 10% |
| 0132831-052 3-8F | 5TH FL | Floor Mastic, Brown/ Black | Yes | Chrysotile | 5% |
| 0132831-053 4-8F | 7TH FL | LAYER 1 Floor Mastic, Brown | No | None Detected | |
| 0132831-053 4-8F | 7TH FL | LAYER 2 Floor Mastic, Black | Yes | Chrysotile | 10% |
| 0132831-054 5-8F | 9TH FL | Floor Mastic, Black | No | None Detected | |
| 0132831-055 6-8F | 11TH FL | Floor Mastic, Black | Yes | Chrysotile | 3% |
| 0132831-056 7-8F | 12TH FL | Floor Mastic, Black | Yes | Chrysotile | 3% |
| 0132831-057 1-RF | 12TH FL | LAYER 1 Roof, Brown | No | None Detected | |
| 0132831-057 1-RF | 12TH FL | LAYER 2 Roof, Black | No | None Detected | |
| 0132831-058 2-RF | SOUTH END | LAYER 1 Roof, Brown | No | None Detected | |
| 0132831-058 2-RF | SOUTH END | LAYER 2 Roof, Black | No | None Detected | |
| 0132831-059 3-RF | CENTER | Roof, Black | No | None Detected | |
| 0132831-060 4-RF | WEST | Roof, Black | No | None Detected | |
| 0132831-061 5-RF | 12TH FL NORTH | LAYER 1 Roof, Brown | No | None Detected | |
| 0132831-061 5-RF | 12TH FL NORTH | LAYER 2 Roof, Black | No | None Detected | |
| 0132831-062 6-RF | EAST ROOF | LAYER 1 Roof, Brown | No | None Detected | |
| 0132831-062 6-RF | EAST ROOF | LAYER 2 Roof, Black | No | None Detected | |
| 0132831-063 7-RF | WEAST EAST CORNER | LAYER 1 Roof, Brown | No | None Detected | |
| 0132831-063 7-RF | WEAST EAST CORNER | LAYER 2 Roof, Black | No | None Detected | |
| 0132831-064 1-DF | INTERIOR LOADING DOCK | Dock Floor, Brown | No | None Detected | |
| 0132831-065 2-DF | SOUTH DOCK | Dock Floor, Brown | No | None Detected | |
| 0132831-066 3-DF | WEST DOCK | Dock Floor, Brown | No | None Detected | |
| 0132831-067 4-DF | EAST DOCK | Dock Floor, Brown | No | None Detected | |
| 0132831-068 5-DF | NORTH DOCK | Dock Floor, Brown | No | None Detected | |



JCSBC
2-2-2016
Att.5.--045

| | | | | | |
|---|---|---|---|---|---|
| 0132831-069 6-DF | CENTER DOCK | Dock Floor, Brown | No | None Detected | |
| 0132831-070 7-DF | MIDDLE DOCK | Dock Floor, Brown | No | None Detected | |
| 0132831-071 1-17B | 1ST FL | LAYER 1 Cove Base, Green | No | None Detected | |
| 0132831-071 1-17B | 1ST FL | LAYER 2 Mastic, Beige | No | None Detected | |
| 0132831-072 2-17B | SOUTH | Cove Base, Green | No | None Detected | |
| 0132831-073 3-17B | EAST | Cove Base, Green | No | None Detected | |
| 0132831-074 4-17B | WEST | Cove Base, Green | No | None Detected | |
| 0132831-075 5-17B | NORTH | Cove Base, Green | No | None Detected | |
| 0132831-076 6-17B | 1ST FL CENTER WALL | Cove Base, Green | No | None Detected | |
| 0132831-077 7-17B | MIDDLE WEST EAST WALL | Cove Base, Green | No | None Detected | |
| 0132831-078 1-11D | 3RD FL LOBBY | LAYER 1 Floor Mastic, Yellow | No | None Detected | |
| 0132831-078 1-11D | 3RD FL LOBBY | LAYER 2 Floor Concrete, Gray | No | None Detected | |
| 0132831-078 1-11D | 3RD FL LOBBY | LAYER 3 Floor Leveling Compound, White | No | None Detected | |
| 0132831-079 2-11D | 3RD FL SOUTH | LAYER 1 Floor Mastic, Yellow | No | None Detected | |
| 0132831-079 2-11D | 3RD FL SOUTH | LAYER 2 Floor Concrete, Gray | No | None Detected | |
| 0132831-079 2-11D | 3RD FL SOUTH | LAYER 3 Floor Leveling Compound, White | No | None Detected | |
| 0132831-080 3-11D | 3RD FL EAST | LAYER 1 Floor Mastic, Yellow | No | None Detected | |
| 0132831-080 3-11D | 3RD FL EAST | LAYER 2 Floor Concrete, Gray | No | None Detected | |
| 0132831-080 3-11D | 3RD FL EAST | LAYER 3 Floor Leveling Compound, White | No | None Detected | |
| 0132831-081 4-11D | 3RD FL WEST | LAYER 1 Floor Mastic, Yellow | No | None Detected | |
| 0132831-081 4-11D | 3RD FL WEST | LAYER 2 Floor Concrete, Gray | No | None Detected | |
| 0132831-081 4-11D | 3RD FL WEST | LAYER 3 Floor Leveling Compound, White | No | None Detected | |
| 0132831-082 5-11D | 3RD FL NORTH | LAYER 1 Floor Mastic, Yellow | No | None Detected | |
| 0132831-082 5-11D | 3RD FL NORTH | LAYER 2 Floor Concrete, Gray | No | None Detected | |
| 0132831-082 5-11D | 3RD FL NORTH | LAYER 3 Floor Leveling Compound, White | No | None Detected | |
| 0132831-083 6-11D | 3RD FL MIDDLE | LAYER 1 Floor Mastic, Yellow | No | None Detected | |
| 0132831-083 6-11D | 3RD FL MIDDLE | LAYER 2 Floor Concrete, Gray | No | None Detected | |
| 0132831-083 6-11D | 3RD FL MIDDLE | LAYER 3 Floor Leveling Compound, White | No | None Detected | |
| 0132831-084 7-11D | 3RD FL NORTHWEST | LAYER 1 Floor Mastic, Yellow | No | None Detected | |
| 0132831-084 7-11D | 3RD FL NORTHWEST | LAYER 2 Floor Concrete, Gray | No | None Detected | |
| 0132831-084 7-11D | 3RD FL NORTHWEST | LAYER 3 Floor Leveling Compound, White | No | None Detected | |
| 0132831-085 B-1-9C | | Trowel Fireproofing, White/ Beige | No | None Detected | |
| 0132831-086 B-2-9C | CENTER | Trowel Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-087 B-3-9C | NORTH | Trowel Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-088 B-4-9C | SOUTH | Trowel Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-089 B-5-9C | EAST | Trowel Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-090 B-6-9C | MIDDLE | Trowel Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-091 B-7-9C | | Trowel Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-092 1-16CB | INTERIOR | Beam Fireproofing, Off White | No | None Detected | |
| 0132831-093 2-16CB | SOUTH | Beam Fireproofing, Off White | No | None Detected | |
| 0132831-094 3-16CB | NORTH | Beam Fireproofing, Off White | No | None Detected | |
| 0132831-095 4-16CB | EAST | Beam Fireproofing, Off White | No | None Detected | |
| 0132831-096 5-16CB | WEST | Beam Fireproofing, Off White | No | None Detected | |
| 0132831-097 6-16CB | CENTER | Beam Fireproofing, Off White | No | None Detected | |
| 0132831-098 7-16CB | MIDDLE | Beam Fireproofing, Off White | No | None Detected | |
| 0132831-099 A-1-9C | | Spray Fireproofing, White/ Beige | No | None Detected | |
| 0132831-100 A-2-9C | SOUTH CEILING | Spray Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-101 A-3-9C | NORTH CEILING | Spray Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-102 A-4-9C | WEST CEILING | Spray Fireproofing, White/ Beige | No | None Detected | |
| 0132831-103 A-5-9C | EAST CEILING | Spray Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-104 A-6-9C | CENTER CEILING | Spray Fireproofing, White/ Beige | No | None Detected | |
| 0132831-105 A-7-9C | MIDDLE CEILING | Spray Fireproofing, White/ Beige Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% |
| 0132831-106 1-ER | RM 1401 ELEVATOR RM | LAYER 1 Duct Insulation, White | Yes | Chrysotile | 50% |



JCSBC
2-2-2016
Att.5.--046

| | | | | |
|---|---|---|---|---|
| 0132831-106 1-ER | RM 1401 ELEVATOR RM | LAYER 2 Duct Wrap/ Coating, White/ Beige | No | None Detected |
| 0132831-107 1-16A | 1ST FL HEATING COOLING RM | Wrap, | No | None Detected |
| 0132831-108 1-11F | 12TH FL AIR HANDLER | Slate  Floor, Green/ Gray | No | None Detected |
| 0132831-109 1-CB | 9TH FL | LAYER 1 Cove Base, Black | No | None Detected |
| 0132831-109 1-CB | 9TH FL | LAYER 2 Mastic, White Note: Very small amount of mastic | No | None Detected |
| 0132831-110 2-CB | 9TH FL NORTH | Cove Base, Black Note: No Mastic Present | No | None Detected |
| 0132831-111 3-CB | 9TH FL SOUTH | LAYER 1 Cove Base, Black | No | None Detected |
| 0132831-111 3-CB | 9TH FL SOUTH | LAYER 2 Mastic, White Note: Very small amount of mastic | No | None Detected |
| 0132831-112 4-CB | 9TH FL EAST | LAYER 1 Cove Base, Black | No | None Detected |
| 0132831-112 4-CB | 9TH FL EAST | LAYER 2 Mastic, White Note: Very small amount of mastic | No | None Detected |
| 0132831-113 5-CB | 9TH FL WEST | LAYER 1 Cove Base, Black | No | None Detected |
| 0132831-113 5-CB | 9TH FL WEST | LAYER 2 Mastic, White Note: Very small amount of mastic | No | None Detected |
| 0132831-114 6-CB | 9TH FL MIDDLE WALL | Cove Base, Black | No | None Detected |
| 0132831-115 7-CB | 9TH FL CENTER WALL | Cove Base, Black | No | None Detected |
| 0132831-116 1-GB | IN BATHRM | Grout, Off White | No | None Detected |
| 0132831-117 2-GB | SOUTH | Grout, Off White | No | None Detected |
| 0132831-118 3-GB | EAST | Grout, Off White | No | None Detected |
| 0132831-119 4-GB | WEST | Grout, Off White | No | None Detected |
| 0132831-120 5-GB | NORTH | Grout, Off White | No | None Detected |
| 0132831-121 6-GB | CENTER OF BATHRM | Grout, Off White | No | None Detected |
| 0132831-122 7-GB | MIDDLE OF SE | Grout, Off White | No | None Detected |
| 0132831-123 1-10G | LOBBY | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected |
| 0132831-124 2-10G | LOBBY SOUTH | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected |
| 0132831-125 3-10G | LOBBY EAST | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected |
| 0132831-126 4-10G | LOBBY NORTH | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected |
| 0132831-127 5-10G | LOBBY WEST | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected |
| 0132831-128 6-10G | LOBBY MIDDLE | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected |
| 0132831-129 7-10G | CENTER OF LOBBY | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected |
| 0132831-131 2-16GA | EXTERIOR SOUTH | Exterior Beam, Off White | No | None Detected |
| 0132831-132 3-16GA | EXTERIOR NORTH | Exterior Beam, Off White | No | None Detected |
| 0132831-133 4-16GA | EXTERIOR EAST | Exterior Beam, Off White | No | None Detected |
| 0132831-134 1-12FB | BEAM 7 | Ceiling Tile, Off White | No | None Detected |
| 0132831-135 2-12FB | BEAM 7 SOUTH | Ceiling Tile, White/ Off White | No | None Detected |
| 0132831-136 3-12FB | BEAM 7 NORTH | Ceiling Tile, White/ Off White | No | None Detected |
| 0132831-137 4-12FB | BEAM 7 EAST | Ceiling Tile, White/ Off White | No | None Detected |
| 0132831-138 5-12FB | BEAM 7 WEST | Ceiling Tile, White/ Off White | No | None Detected |
| 0132831-139 6-12FB | BEAM 7 MIDDLE | Ceiling Tile, White/ Off White | No | None Detected |
| 0132831-140 7-12FB | BEAM 7 NE CENTER | Ceiling Tile, White/ Off White | No | None Detected |



JCSBC
2-2-2016
Att.5.--047

# APPENDIX C

## LABORATORY BULK SAMPLE ANALYSIS REPORT

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID<br>Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-001<br>1-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | Cellulose Fiber<br>Mineral Wool<br>Carbonates<br>Perlite<br>Binder/Filler | 45%<br>40%<br><br><br>15% |
| 0132831-002<br>2-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | Cellulose Fiber<br>Mineral Wool<br>Carbonates<br>Perlite<br>Binder/Filler | 45%<br>40%<br><br><br>15% |
| 0132831-003<br>3-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | Cellulose Fiber<br>Mineral Wool<br>Carbonates<br>Perlite<br>Binder/Filler | 45%<br>40%<br><br><br>15% |
| 0132831-004<br>4-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | Cellulose Fiber<br>Mineral Wool<br>Carbonates<br>Perlite<br>Binder/Filler | 45%<br>40%<br><br><br>15% |
| 0132831-005<br>5-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | Cellulose Fiber<br>Mineral Wool<br>Carbonates<br>Perlite<br>Binder/Filler | 45%<br>40%<br><br><br>15% |
| 0132831-006<br>6-12FA | BEAM 2 SIDE | Ceiling Tile, White/ Beige | No | None Detected | Cellulose Fiber<br>Mineral Wool<br>Carbonates<br>Perlite<br>Binder/Filler | 45%<br>40%<br><br><br>15% |
| 0132831-007<br>1-A | | Wire Insulation, Black | No | None Detected | Cellulose Fiber<br>Carbonates<br>Binder/Filler | 80%<br><br>20% |



JCSBC
2-2-2016
Att.5.--049

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-008 2-A | MECHANICAL RM | Wire Insulation, Black | No | None Detected | | Cellulose Fiber<br>Carbonates<br>Binder/Filler | 80%<br><br>20% |
| 0132831-009 3-A | BASEMENT NEXT TO BOILER | Wire Insulation, Black | No | None Detected | | Cellulose Fiber<br>Carbonates<br>Binder/Filler | 80%<br><br>20% |
| 0132831-010 4-A | 4 LVL MECHANICAL RM | Wire Insulation, Black | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 90%<br><br>10% |
| 0132831-011 5-A | E. END BASEMENT | Wire Insulation, Black | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 90%<br><br>10% |
| 0132831-012 6-A | S. END BASEMENT | Wire Insulation, Black | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 90%<br><br>10% |
| 0132831-013 7-A | W. END BASEMENT | Wire Insulation, Black | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 90%<br><br>10% |
| 0132831-014 1-10F | 12TH FL LOBBY | Duct Tape, Lt. Gray | Yes | Chrysotile | 40% | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 45%<br><br><br>15% |
| 0132831-015 2-10F | 12TH FL LOBBY | Duct Tape, Lt. Gray | Yes | Chrysotile | 40% | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 45%<br><br><br>15% |



JCSBC
2-2-2016
Att.5.--050

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-016<br>3-10F | 12TH FL LOBBY | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 40%<br><br><br>15% |
| 0132831-017<br>4-10F | S. END OF DUCTING | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 40%<br><br><br>15% |
| 0132831-018<br>5-10F | WEST | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 40%<br><br><br>15% |
| 0132831-019<br>6-10F | EAST | Duct Tape, Lt. Gray | Yes | Chrysotile | 40% | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 45%<br><br><br>15% |
| 0132831-020<br>7-10F | NORTH | Duct Tape, Lt. Gray | Yes | Chrysotile | 45% | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 40%<br><br><br>15% |
| 0132831-021<br>1-15G | CAFETERIA | Ceiling Tile, Beige | No | None Detected | | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Perlite<br>Binder/Filler | 50%<br>35%<br><br><br>15% |
| 0132831-022<br>2-15G | WEST END | Ceiling Tile, Beige | No | None Detected | | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Perlite<br>Binder/Filler | 50%<br>35%<br><br><br>15% |




JCSBC
2-2-2016
Att.5.--051

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID<br>Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-023<br>3-15G | SOUTH END | Ceiling Tile, Beige | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Perlite<br>Binder/Filler | 50%<br>35%<br><br><br>15% |
| 0132831-024<br>4-15G | NORTH END | Ceiling Tile, Beige | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Perlite<br>Binder/Filler | 50%<br>35%<br><br><br>15% |
| 0132831-025<br>5-15G | EAST END | Ceiling Tile, Beige | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Perlite<br>Binder/Filler | 50%<br>35%<br><br><br>15% |
| 0132831-026<br>6-15G | IN MIDDLE | Ceiling Tile, Beige | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Perlite<br>Binder/Filler | 50%<br>35%<br><br><br>15% |
| 0132831-027<br>7-15G | SW CORNER | Ceiling Tile, Beige | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Perlite<br>Binder/Filler | 50%<br>35%<br><br><br>15% |
| 0132831-028<br>1-15E | E. | Floor Panel, White/ Brown | No | None Detected | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 85%<br><br>15% |
| 0132831-029<br>2-15E | EAST | Floor Panel, White/ Brown | No | None Detected | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 85%<br><br>15% |



JCSBC
2-2-2016
Att.5.--052

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-030<br>3-15E | NORTH | Floor Panel, White/ Brown | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 85%<br><br>15% |
| 0132831-031<br>4-15E | | Floor Panel, White/ Brown | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 85%<br><br>15% |
| 0132831-032<br>5-15E | RAISED | Floor Panel, White/ Brown | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 85%<br><br>15% |
| 0132831-033<br>6-15E | SOUTH | Floor Panel, White/ Brown | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 85%<br><br>15% |
| 0132831-034<br>1-FC | FLOOR CORP 12TH FL | LAYER 1<br>Floor Tile, Lt. Yellow | Yes | Chrysotile | 3% | Non-Fibrous Tremolite<br>Carbonates<br>Quartz<br>Binder/Filler | 5%<br><br><br>92% |
| | | LAYER 2<br>Mastic, Black | Yes | Chrysotile | 3% | Cellulose Fiber<br>Carbonates<br>Quartz<br>Binder/Filler | 1%<br><br><br>96% |
| | | LAYER 3<br>Concrete, Gray | No | None Detected | | Carbonates<br>Quartz<br>Gypsum<br>Mica<br>Binder/Filler | <br><br><br><br>100% |
| | | LAYER 4<br>Mastic, Clear | No | None Detected | | Cellulose Fiber<br>Carbonates<br>Quartz<br>Binder/Filler | 1%<br><br><br>99% |




JCSBC
2-2-2016
Att.5.--053

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-035<br>1-11F | 1ST FL LOBBY | Slate Floor, White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Binder/Filler | 10%<br><br><br>90% |
| 0132831-036<br>1-PC | 3RD FL RM 300 | LAYER 1<br>Paint Chip, White | No | None Detected | Carbonates<br>Binder/Filler | <br>100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | <br><br><br><br>100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige<br>Note: Very small amount of sample | No | None Detected | Carbonates<br>Quartz<br>Gypsum<br>Mica | <br><br><br>100% |
| 0132831-037<br>2-PC | 3RD FL N. WALL | LAYER 1<br>Paint Chip, White | No | None Detected | Carbonates<br>Binder/Filler | <br>100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | <br><br><br><br>100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige<br>Note: Very small amount of sample | No | None Detected | Carbonates<br>Quartz<br>Gypsum<br>Mica | <br><br><br>100% |



JCSBC
2-2-2016
Att.5.--054

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-038<br>3-PC | 3RD FL S. WALL | LAYER 1<br>Paint Chip, White | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige<br>Note: Very small amount of sample | No | None Detected | Carbonates<br>Quartz<br>Gypsum<br>Mica | 100% |
| 0132831-039<br>4-PC | 3RD FL E. WALL | LAYER 1<br>Paint Chip, White | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige<br>Note: Very small amount of sample | No | None Detected | Carbonates<br>Quartz<br>Gypsum<br>Mica | 100% |



JCSBC
2-2-2016
Att.5.--055

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-040<br>5-PC | 3RD FL W. WALL | LAYER 1<br>Paint Chip, White | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige<br>Note: Very small amount of sample | No | None Detected | Carbonates<br>Quartz<br>Gypsum<br>Mica | 100% |
| 0132831-041<br>6-PC | 3RD FL CENTER WALL | LAYER 1<br>Paint Chip, White | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige<br>Note: Very small amount of sample | No | None Detected | Carbonates<br>Quartz<br>Gypsum<br>Mica | 100% |



JCSBC
2-2-2016
Att.5.--056

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-042<br>7-PC | 3RD FL INSIDE DOOR WALL | LAYER 1<br>Paint Chip, White | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige<br>Note: Very small amount of sample | No | None Detected | Carbonates<br>Quartz<br>Gypsum<br>Mica | 100% |
| 0132831-043<br>1-17A | BEAM FL1 | LAYER 1<br>Texture / Paint, White<br>Note: Layer is mainly Paint - no Texture present | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica | 100% |



JCSBC
2-2-2016
Att.5.--057

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-044<br>2-17A | S. SIDE FL 1 | LAYER 1<br>Texture / Paint, White<br>Note: Layer is mainly Paint - no Texture present | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica | 100% |
| 0132831-045<br>3-17A | W. SIDE FL 1 | LAYER 1<br>Texture / Paint, White<br>Note: Layer is mainly Paint - no Texture present | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica | 100% |



JCSBC
2-2-2016
Att.5.--058

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-046<br>4-17A | FL 1 | LAYER 1<br>Texture / Paint, White<br>Note: Layer is mainly Paint - no Texture present | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica | 100% |
| 0132831-047<br>5-17A | SOUTH | LAYER 1<br>Texture / Paint, White<br>Note: Layer is mainly Paint - no Texture present | No | None Detected | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2<br>Plaster-Finish Coat, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Plaster-Scratch Coat, Beige | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica | 100% |




JCSBC
2-2-2016
Att.5.--059

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-048 | WEST | LAYER 1 | No | None Detected | | | |
| 6-17A | | Texture / Paint, White<br>Note: Layer is mainly Paint - no Texture present | | | | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2 | No | None Detected | | | |
| | | Plaster-Finish Coat, White | | | | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3 | No | None Detected | | | |
| | | Plaster-Scratch Coat, Beige | | | | Gypsum<br>Quartz<br>Carbonates<br>Mica | 100% |
| 0132831-049 | CENTER BEAM | LAYER 1 | No | None Detected | | | |
| 7-17A | | Texture / Paint, White<br>Note: Layer is mainly Paint - no Texture present | | | | Carbonates<br>Binder/Filler | 100% |
| | | LAYER 2 | No | None Detected | | | |
| | | Plaster-Finish Coat, White | | | | Carbonates<br>Gypsum<br>Quartz<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3 | No | None Detected | | | |
| | | Plaster-Scratch Coat, Beige | | | | Gypsum<br>Quartz<br>Carbonates<br>Mica | 100% |
| 0132831-050 | 1ST FL | Floor Mastic, Brown/ Black | Yes | Chrysotile | <1% | | |
| 1-8F | | | | | | Gypsum<br>Carbonates<br>Quartz<br>Binder/Filler | 99% |




JCSBC
2-2-2016
Att.5.--060

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-051 | 3RD FL | Floor Mastic, Brown/ Black | Yes | Chrysotile | 10% | | |
| 2-8F | | | | | | Carbonates | |
| | | | | | | Binder/Filler | 90% |
| 0132831-052 | 5TH FL | Floor Mastic, Brown/ Black | Yes | Chrysotile | 5% | | |
| 3-8F | | | | | | Carbonates | |
| | | | | | | Binder/Filler | 95% |
| 0132831-053 | 7TH FL | LAYER 1 | No | None Detected | | | |
| 4-8F | | Floor Mastic, Brown | | | | Gypsum | |
| | | | | | | Quartz | |
| | | | | | | Carbonates | |
| | | | | | | Binder/Filler | 100% |
| | | LAYER 2 | Yes | Chrysotile | 10% | | |
| | | Floor Mastic, Black | | | | Carbonates | |
| | | | | | | Binder/Filler | 90% |
| 0132831-054 | 9TH FL | Floor Mastic, Black | No | None Detected | | Cellulose Fiber | 12% |
| 5-8F | | | | | | Gypsum | |
| | | | | | | Binder/Filler | 88% |
| 0132831-055 | 11TH FL | Floor Mastic, Black | Yes | Chrysotile | 3% | Cellulose Fiber | 12% |
| 6-8F | | | | | | Gypsum | |
| | | | | | | Binder/Filler | 85% |
| 0132831-056 | 12TH FL | Floor Mastic, Black | Yes | Chrysotile | 3% | Cellulose Fiber | 12% |
| 7-8F | | | | | | Gypsum | |
| | | | | | | Binder/Filler | 85% |
| 0132831-057 | 12TH FL | LAYER 1 | No | None Detected | | Cellulose Fiber | 90% |
| 1-RF | | Roof, Brown | | | | Gypsum | |
| | | | | | | Carbonates | 10% |
| | | LAYER 2 | No | None Detected | | Synthetic Fiber | 1% |
| | | Roof, Black | | | | Cellulose Fiber | <1% |
| | | | | | | Carbonates | |
| | | | | | | Binder/Filler | 98% |



JCSBC
2-2-2016
Att.5.--061

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-058 | SOUTH END | LAYER 1 | No | None Detected | Cellulose Fiber | 90% |
| 2-RF | | Roof, Brown | | | Gypsum | |
| | | | | | Carbonates | 10% |
| | | LAYER 2 | No | None Detected | Synthetic Fiber | 2% |
| | | Roof, Black | | | Carbonates | |
| | | | | | Binder/Filler | 98% |
| 0132831-059 | CENTER | Roof, Black | No | None Detected | Synthetic Fiber | 5% |
| 3-RF | | | | | Carbonates | |
| | | | | | Quartz | |
| | | | | | Binder/Filler | 95% |
| 0132831-060 | WEST | Roof, Black | No | None Detected | Cellulose Fiber | 5% |
| 4-RF | | | | | Gypsum | |
| | | | | | Quartz | |
| | | | | | Binder/Filler | 95% |
| 0132831-061 | 12TH FL NORTH | LAYER 1 | No | None Detected | Cellulose Fiber | 95% |
| 5-RF | | Roof, Brown | | | Gypsum | |
| | | | | | Binder/Filler | 5% |
| | | LAYER 2 | No | None Detected | Synthetic Fiber | 20% |
| | | Roof, Black | | | Gypsum | |
| | | | | | Binder/Filler | 80% |
| 0132831-062 | EAST ROOF | LAYER 1 | No | None Detected | Cellulose Fiber | 95% |
| 6-RF | | Roof, Brown | | | Gypsum | |
| | | | | | Binder/Filler | 5% |
| | | LAYER 2 | No | None Detected | Synthetic Fiber | 20% |
| | | Roof, Black | | | Gypsum | |
| | | | | | Binder/Filler | 80% |



JCSBC
2-2-2016
Att.5.--062

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID<br>Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-063<br>7-RF | WEAST EAST CORNER | LAYER 1<br>Roof, Brown | No | None Detected | Cellulose Fiber | 95% |
| | | | | | Gypsum<br>Binder/Filler | 5% |
| | | LAYER 2<br>Roof, Black | No | None Detected | Synthetic Fiber | 20% |
| | | | | | Gypsum<br>Binder/Filler | 80% |
| 0132831-064<br>1-DF | INTERIOR LOADING DOCK | Dock Floor, Brown | No | None Detected | Quartz<br>Gypsum<br>Binder/Filler | 100% |
| 0132831-065<br>2-DF | SOUTH DOCK | Dock Floor, Brown | No | None Detected | Quartz<br>Gypsum<br>Binder/Filler | 100% |
| 0132831-066<br>3-DF | WEST DOCK | Dock Floor, Brown | No | None Detected | Quartz<br>Gypsum<br>Binder/Filler | 100% |
| 0132831-067<br>4-DF | EAST DOCK | Dock Floor, Brown | No | None Detected | Quartz<br>Gypsum<br>Binder/Filler | 100% |
| 0132831-068<br>5-DF | NORTH DOCK | Dock Floor, Brown | No | None Detected | Quartz<br>Gypsum<br>Binder/Filler | 100% |
| 0132831-069<br>6-DF | CENTER DOCK | Dock Floor, Brown | No | None Detected | Quartz<br>Gypsum<br>Binder/Filler | 100% |



JCSBC
2-2-2016
Att.5.--063

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-070<br>7-DF | MIDDLE DOCK | Dock Floor, Brown | No | None Detected | | | |
| | | | | | | Quartz | |
| | | | | | | Gypsum | |
| | | | | | | Binder/Filler | 100% |
| 0132831-071<br>1-17B | 1ST FL | LAYER 1<br>Cove Base, Green | No | None Detected | | | |
| | | | | | | Gypsum | |
| | | | | | | Quartz | |
| | | | | | | Binder/Filler | 100% |
| | | LAYER 2<br>Mastic, Beige | No | None Detected | | Cellulose Fiber | <1% |
| | | | | | | Gypsum | |
| | | | | | | Carbonates | |
| | | | | | | Carbonates | 99% |
| 0132831-072<br>2-17B | SOUTH | Cove Base, Green | No | None Detected | | Cellulose Fiber | <1% |
| | | | | | | Gypsum | |
| | | | | | | Quartz | |
| | | | | | | Binder/Filler | 99% |
| 0132831-073<br>3-17B | EAST | Cove Base, Green | No | None Detected | | | |
| | | | | | | Gypsum | |
| | | | | | | Quartz | |
| | | | | | | Binder/Filler | 100% |
| 0132831-074<br>4-17B | WEST | Cove Base, Green | No | None Detected | | | |
| | | | | | | Gypsum | |
| | | | | | | Quartz | |
| | | | | | | Binder/Filler | 100% |
| 0132831-075<br>5-17B | NORTH | Cove Base, Green | No | None Detected | | Cellulose Fiber | <1% |
| | | | | | | Gypsum | |
| | | | | | | Quartz | |
| | | | | | | Binder/Filler | 99% |



JCSBC
2-2-2016
Att.5.--064

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-076<br>6-17B | 1ST FL CENTER WALL | Cove Base, Green | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| 0132831-077<br>7-17B | MIDDLE WEST EAST WALL | Cove Base, Green | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| 0132831-078<br>1-11D | 3RD FL LOBBY | LAYER 1<br>Floor Mastic, Yellow | No | None Detected | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Quartz<br>Binder/Filler | <1%<br><br><br><br>99% |
| | | LAYER 2<br>Floor Concrete, Gray | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica<br>Binder/Filler | <br><br><br><br>100% |
| | | LAYER 3<br>Floor Leveling Compound, White | No | None Detected | Cellulose Fiber<br>Carbonates<br>Gypsum<br>Quartz<br>Binder/Filler | <1%<br><br><br><br>99% |



JCSBC
2-2-2016
Att.5.--065

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-079<br>2-11D | 3RD FL SOUTH | LAYER 1<br>Floor Mastic, Yellow | No | None Detected | Cellulose Fiber | <1% |
| | | | | | Gypsum<br>Carbonates<br>Quartz | |
| | | | | | Binder/Filler | 99% |
| | | LAYER 2<br>Floor Concrete, Gray | No | None Detected | | |
| | | | | | Gypsum<br>Quartz<br>Carbonates<br>Mica | |
| | | | | | Binder/Filler | 100% |
| | | LAYER 3<br>Floor Leveling Compound, White | No | None Detected | Cellulose Fiber | 1% |
| | | | | | Carbonates<br>Gypsum<br>Quartz | |
| | | | | | Binder/Filler | 99% |
| 0132831-080<br>3-11D | 3RD FL EAST | LAYER 1<br>Floor Mastic, Yellow | No | None Detected | | |
| | | | | | Gypsum<br>Carbonates<br>Quartz | |
| | | | | | Binder/Filler | 100% |
| | | LAYER 2<br>Floor Concrete, Gray | No | None Detected | | |
| | | | | | Gypsum<br>Quartz<br>Carbonates<br>Mica | |
| | | | | | Binder/Filler | 100% |
| | | LAYER 3<br>Floor Leveling Compound, White | No | None Detected | Cellulose Fiber | <1% |
| | | | | | Carbonates<br>Gypsum<br>Quartz | |
| | | | | | Binder/Filler | 99% |



JCSBC
2-2-2016
Att.5.--066

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-081<br>4-11D | 3RD FL WEST | LAYER 1<br>Floor Mastic, Yellow | No | None Detected | Cellulose Fiber | <1% |
| | | | | | Gypsum<br>Carbonates<br>Quartz | |
| | | | | | Binder/Filler | 99% |
| | | LAYER 2<br>Floor Concrete, Gray | No | None Detected | | |
| | | | | | Gypsum<br>Quartz<br>Carbonates<br>Mica | |
| | | | | | Binder/Filler | 100% |
| | | LAYER 3<br>Floor Leveling Compound, White | No | None Detected | Cellulose Fiber | <1% |
| | | | | | Carbonates<br>Gypsum<br>Quartz | |
| | | | | | Binder/Filler | 99% |
| 0132831-082<br>5-11D | 3RD FL NORTH | LAYER 1<br>Floor Mastic, Yellow | No | None Detected | | |
| | | | | | Gypsum<br>Carbonates<br>Quartz | |
| | | | | | Binder/Filler | 100% |
| | | LAYER 2<br>Floor Concrete, Gray | No | None Detected | | |
| | | | | | Gypsum<br>Quartz<br>Carbonates<br>Mica | |
| | | | | | Binder/Filler | 100% |
| | | LAYER 3<br>Floor Leveling Compound, White | No | None Detected | Cellulose Fiber | <1% |
| | | | | | Carbonates<br>Gypsum<br>Quartz | |
| | | | | | Binder/Filler | 99% |



JCSBC
2-2-2016
Att.5.--067

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-083<br>6-11D | 3RD FL MIDDLE | LAYER 1<br>Floor Mastic, Yellow | No | None Detected | Gypsum<br>Carbonates<br>Quartz<br>Binder/Filler | 100% |
| | | LAYER 2<br>Floor Concrete, Gray | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Floor Leveling Compound, White | No | None Detected | Carbonates<br>Gypsum<br>Quartz<br>Binder/Filler | 100% |
| 0132831-084<br>7-11D | 3RD FL NORTHWEST | LAYER 1<br>Floor Mastic, Yellow | No | None Detected | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Quartz<br>Binder/Filler | <1%<br>99% |
| | | LAYER 2<br>Floor Concrete, Gray | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Mica<br>Binder/Filler | 100% |
| | | LAYER 3<br>Floor Leveling Compound, White | No | None Detected | Cellulose Fiber<br>Carbonates<br>Gypsum<br>Quartz<br>Binder/Filler | <1%<br>99% |




JCSBC
2-2-2016
Att.5.--068

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-085<br>B-1-9C | | Trowel Fireproofing, White/ Beige | No | None Detected | | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 100% |
| 0132831-086<br>B-2-9C | CENTER | Trowel Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-087<br>B-3-9C | NORTH | Trowel Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-088<br>B-4-9C | SOUTH | Trowel Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-089<br>B-5-9C | EAST | Trowel Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-090<br>B-6-9C | MIDDLE | Trowel Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |



JCSBC
2-2-2016
Att.5.--069

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-091<br>B-7-9C | | Trowel Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-092<br>1-16CB | INTERIOR | Beam Fireproofing, Off White | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | <1%<br><br><br><br><br>99% |
| 0132831-093<br>2-16CB | SOUTH | Beam Fireproofing, Off White | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | <1%<br><br><br><br><br>99% |
| 0132831-094<br>3-16CB | NORTH | Beam Fireproofing, Off White | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | <1%<br><br><br><br><br>99% |
| 0132831-095<br>4-16CB | EAST | Beam Fireproofing, Off White | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | <1%<br><br><br><br><br>99% |
| 0132831-096<br>5-16CB | WEST | Beam Fireproofing, Off White | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | <1%<br><br><br><br><br>99% |



JCSBC
2-2-2016
Att.5.--070

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-097<br>6-16CB | CENTER | Beam Fireproofing, Off White | No | None Detected | | Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | 100% |
| 0132831-098<br>7-16CB | MIDDLE | Beam Fireproofing, Off White | No | None Detected | | Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | 100% |
| 0132831-099<br>A-1-9C | | Spray Fireproofing, White/ Beige | No | None Detected | | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 100% |
| 0132831-100<br>A-2-9C | SOUTH CEILING | Spray Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-101<br>A-3-9C | NORTH CEILING | Spray Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-102<br>A-4-9C | WEST CEILING | Spray Fireproofing, White/ Beige | No | None Detected | | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 100% |




JCSBC
2-2-2016
Att.5.--071

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type | (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|---|
| 0132831-103<br>A-5-9C | EAST CEILING | Spray Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-104<br>A-6-9C | CENTER CEILING | Spray Fireproofing, White/ Beige | No | None Detected | | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 100% |
| 0132831-105<br>A-7-9C | MIDDLE CEILING | Spray Fireproofing, White/ Beige<br>Note: Tremolite Properties Consistent with Winchite | Yes | Tremolite | <1% | Gypsum<br>Mica<br>Carbonates<br>Binder/Filler | 99% |
| 0132831-106<br>1-ER | RM 1401<br>ELEVATOR RM | LAYER 1<br>Duct Insulation, White | Yes | Chrysotile | 50% | Mineral Wool<br>Gypsum<br>Binder/Filler | 40%<br>10% |
| | | LAYER 2<br>Duct Wrap/ Coating, White/ Beige | No | None Detected | | Cellulose Fiber<br>Gypsum<br>Binder/Filler | 90%<br>10% |
| 0132831-107<br>1-16A | 1ST FL HEATING COOLING RM | Wrap, | No | None Detected | | Cellulose Fiber<br>Carbonates<br>Gypsum<br>Binder/Filler | 95%<br>5% |
| 0132831-108<br>1-11F | 12TH FL AIR HANDLER | Slate Floor, Green/ Gray | No | None Detected | | Gypsum<br>Carbonates<br>Quartz<br>Mica<br>Binder/Filler | 100% |



JCSBC
2-2-2016
Att.5.--072

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-109<br>1-CB | 9TH FL | LAYER 1<br>Cove Base, Black | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| | | LAYER 2<br>Mastic, White<br>Note: Very small amount of mastic | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| 0132831-110<br>2-CB | 9TH FL NORTH | Cove Base, Black<br>Note: No Mastic Present | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| 0132831-111<br>3-CB | 9TH FL SOUTH | LAYER 1<br>Cove Base, Black | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| | | LAYER 2<br>Mastic, White<br>Note: Very small amount of mastic | No | None Detected | Gypsum<br>Binder/Filler | 100% |
| 0132831-112<br>4-CB | 9TH FL EAST | LAYER 1<br>Cove Base, Black | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| | | LAYER 2<br>Mastic, White<br>Note: Very small amount of mastic | No | None Detected | Carbonates<br>Gypsum<br>Binder/Filler | 100% |



JCSBC
2-2-2016
Att.5.--073

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-113 5-CB | 9TH FL WEST | LAYER 1<br>Cove Base, Black | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| | | LAYER 2<br>Mastic, White<br>Note: Very small amount of mastic | No | None Detected | Carbonates<br>Gypsum<br>Binder/Filler | 100% |
| 0132831-114 6-CB | 9TH FL MIDDLE WALL | Cove Base, Black | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| 0132831-115 7-CB | 9TH FL CENTER WALL | Cove Base, Black | No | None Detected | Gypsum<br>Quartz<br>Binder/Filler | 100% |
| 0132831-116 1-GB | IN BATHRM | Grout, Off White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Quartz<br>Carbonates<br>Binder/Filler | <1%<br><br><br><br>99% |
| 0132831-117 2-GB | SOUTH | Grout, Off White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Quartz<br>Carbonates<br>Binder/Filler | <1%<br><br><br><br>99% |
| 0132831-118 3-GB | EAST | Grout, Off White | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Binder/Filler | 100% |



JCSBC
2-2-2016
Att.5.--074

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID<br>Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-119<br>4-GB | WEST | Grout, Off White | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Binder/Filler | 100% |
| 0132831-120<br>5-GB | NORTH | Grout, Off White | No | None Detected | Gypsum<br>Quartz<br>Carbonates<br>Binder/Filler | 100% |
| 0132831-121<br>6-GB | CENTER OF BATHRM | Grout, Off White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Quartz<br>Carbonates<br>Binder/Filler | <1%<br>99% |
| 0132831-122<br>7-GB | MIDDLE OF SE | Grout, Off White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Quartz<br>Carbonates<br>Binder/Filler | <1%<br>99% |
| 0132831-123<br>1-10G | LOBBY | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Gypsum<br>Perlite<br>Binder/Filler | 45%<br>35%<br>20% |
| 0132831-124<br>2-10G | LOBBY SOUTH | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Gypsum<br>Perlite<br>Binder/Filler | 45%<br>35%<br>20% |



JCSBC
2-2-2016
Att.5.--075

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID<br>Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-125<br>3-10G | LOBBY EAST | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Gypsum<br>Perlite<br>Binder/Filler | 45%<br>35%<br><br><br><br>20% |
| 0132831-126<br>4-10G | LOBBY NORTH | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Gypsum<br>Perlite<br>Binder/Filler | 50%<br>30%<br><br><br><br>20% |
| 0132831-127<br>5-10G | LOBBY WEST | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Gypsum<br>Perlite<br>Binder/Filler | 50%<br>30%<br><br><br><br>20% |
| 0132831-128<br>6-10G | LOBBY MIDDLE | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Gypsum<br>Perlite<br>Binder/Filler | 45%<br>35%<br><br><br><br>20% |
| 0132831-129<br>7-10G | CENTER OF LOBBY | Ceiling Tile, White/ Off White/ Lt. Gray | No | None Detected | Mineral Wool<br>Cellulose Fiber<br>Carbonates<br>Gypsum<br>Perlite<br>Binder/Filler | 45%<br>35%<br><br><br><br>20% |
| 0132831-130<br>A-1-16GA | EXTERIOR - MISSING SAMPLE | Note: NO SAMPLE SUBMITTED | | | | |




JCSBC
2-2-2016
Att.5.--076

# EMC LABS, INC.

**9830 S. 51st Street, Suite B109, Phoenix, AZ 85044**
**Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726**


**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-131<br>2-16GA | EXTERIOR SOUTH | Exterior Beam, Off White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | 2%<br><br><br><br><br>98% |
| 0132831-132<br>3-16GA | EXTERIOR NORTH | Exterior Beam, Off White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | 5%<br><br><br><br><br>95% |
| 0132831-133<br>4-16GA | EXTERIOR EAST | Exterior Beam, Off White | No | None Detected | Cellulose Fiber<br>Gypsum<br>Carbonates<br>Mica<br>Quartz<br>Binder/Filler | 2%<br><br><br><br><br>98% |
| 0132831-134<br>1-12FB | BEAM 7 | Ceiling Tile, Off White | No | None Detected | Mineral Wool<br>Carbonates<br>Gypsum<br>Binder/Filler | 90%<br><br><br>10% |
| 0132831-135<br>2-12FB | BEAM 7 SOUTH | Ceiling Tile, White/ Off White | No | None Detected | Mineral Wool<br>Carbonates<br>Gypsum<br>Binder/Filler | 90%<br><br><br>10% |
| 0132831-136<br>3-12FB | BEAM 7 NORTH | Ceiling Tile, White/ Off White | No | None Detected | Mineral Wool<br>Carbonates<br>Gypsum<br>Binder/Filler | 90%<br><br><br>10% |




JCSBC
2-2-2016
Att.5.--077

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

**Laboratory Report**
**0132831**

## Bulk Asbestos Analysis by Polarized Light Microscopy

**NVLAP#101926-0**

| | | | |
|---|---|---|---|
| Client: | VANN COMPANIES | Job# / P.O. #: | |
| Address: | 3231 FLAG COURT NORTH | Date Received: | 10/10/2013 |
| | NEW HOPE MN 55427 | Date Analyzed: | 10/17/2013 |
| Collected: | 10/05/2013 | Date Reported: | 10/17/2013 |
| Project Name: | TOPEKA KANSAS | EPA Method: | EPA 600/R-93/116 |
| Address: | | Submitted By: | JERRY WESTON |
| | | Collected By: | |

| Lab ID / Client ID | Sample Location | Layer Name / Sample Description | Asbestos Detected | Asbestos Type (%) | Non-Asbestos Constituents | |
|---|---|---|---|---|---|---|
| 0132831-137 4-12FB | BEAM 7 EAST | Ceiling Tile, White/ Off White | No | None Detected | Mineral Wool | 90% |
| | | | | | Carbonates<br>Gypsum<br>Binder/Filler | 10% |
| 0132831-138 5-12FB | BEAM 7 WEST | Ceiling Tile, White/ Off White | No | None Detected | Mineral Wool | 90% |
| | | | | | Carbonates<br>Gypsum<br>Binder/Filler | 10% |
| 0132831-139 6-12FB | BEAM 7 MIDDLE | Ceiling Tile, White/ Off White | No | None Detected | Mineral Wool | 90% |
| | | | | | Carbonates<br>Gypsum<br>Binder/Filler | 10% |
| 0132831-140 7-12FB | BEAM 7 NE CENTER | Ceiling Tile, White/ Off White | No | None Detected | Mineral Wool | 90% |
| | | | | | Carbonates<br>Gypsum<br>Binder/Filler | 10% |

**Analyst - Kenneth Scheske**

**Signatory - Lab Director - Kurt Kettler**

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.



JCSBC
2-2-2016
Att.5.--078

Page 1 of 10

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT: 3-5day
Rec'd: OCT 10 P.M.
EMC USE ONLY

Vann

COMPANY NAME:

BILL TO: (If Different Location) call for credit card

CONTACT: Jerry Weston 509 362-6462
Phone/Fax:
Email:

Now Accepting: VISA – MASTERCARD

Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4:** (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
****Additional charges for rush analysis (please call marketing department for pricing details)
****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

4. **Project Name:** TOPEKA KANSAS
**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 12FA | 10-5-13 6:30pm | BEAM 2 SIDE CEILING TILE | Y N | | | |
| 2 | 2 | 12FA | " 6:37PM | " " | Y N | | | |
| 3 | 3 | 12FA | " 6:45 " | " " | Y N | | | |
| 4 | 4 | 12FA | " 6:48 " | " " | Y N | | | |
| 5 | 5 | 12FA | " 6:55 " | " " | Y N | | | |
| 6 | 6 | 12FA | " 6:58 " | " " | Y N | | | |
| 7 | 1 | A | 10-5-13 7:15 | WIRE INSALATION | Y N | | | |
| 8 | 2 | A | 10-5-13 7:25 | MACHANICAL ROOM | Y N | | | |
| 9 | 3 | A | " 7:30 " | BASEMENT NEXT TO BOILER | Y N | | | |
| 10 | 4 | A | " 7:35 " | 4 LEVEL MACH ROOM | Y N | | | |
| 11 | 5 | A | " 7:40 " | EAST END BASEMENT | Y N | | | |
| 12 | 6 | A | " 7:45 " | South End Basement | Y N | | | |
| 13 | 7 | A | " 7:55 " | WEST END BASEMENT | Y N | | | |
| 14 | 1 | 10F | 8:05 | 12th FLOOR LOBBY DUCT | Y N | | | |
| 15 | 2 | 16F | 8:10PM | " " | Y N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 1:10PM Received by: _____ Date/Time: 10/10/13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME:

BILL TO: (If Different Location)

CONTACT: JERRY WESTON 509 362-6462
Phone/Fax:
Email:

Now Accepting: VISA – MASTERCARD

Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4:** (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
****Additional charges for rush analysis (please call marketing department for pricing details)
****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

4. **Project Name:**

**P.O. Number:** **Project Number:**

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 16 | 3 | 10F | 10-3-13 8:20 | 12th FLOOR LOBBY DUCT TAPE | Y N | | | |
| 17 | 4 | 10F | " " | South END of DUCTING | Y N | | | |
| 18 | 5 | 10F | " " | WEST " | Y N | | | |
| 19 | 6 | 10F | " " | EAST " | Y N | | | |
| 20 | 7 | 10F | "PM " | North " | Y N | | | |
| 21 | 1 | 15G | PM 9-5-13 9:00 | CAFITERIA CEILING TILE | Y N | | | |
| 22 | 2 | 15G | PM 9:05 | WEST END | Y N | | | |
| 23 | 3 | 15G | PM 9:15 | SOUTH END | Y N | | | |
| 24 | 4 | 15G | PM 9:20 | NORTH END | Y N | | | |
| 25 | 5 | 15G | PM 9:30 | EAST END | Y N | | | |
| 26 | 6 | 15G | PM 9:35 | IN middle | Y N | | | |
| 27 | 7 | 15G | PM 9:40 | SW CORNER. | Y N | | | |
| 28 | 1 | 15E | 9:55pm | RAISED FLOOR PANNEL | Y N | | | |
| 29 | 2 | 15-E | 10.00pm | "EAST " | Y N | | | |
| 30 | 3 | 15E | 10:05pm | "NORTH " | Y N | | | |

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 4:00PM Received by: Date/Time: 10/10/13

Relinquished by: Date/Time Received by: Date/Time:

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____
Phone/Fax: _____
Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

**1. TURNAROUND TIME:** {4hr rush} [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

**2. TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

**3. DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

**4. Project Name:** _____
**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 31 | 4 | 15E | 10-5-13 10:10PM | RAISED FLOOR PANNELS | O N | | | |
| 32 | 5 | 15E | 10:15PM | " WEST " | Y N | | | |
| 33 | 6 | 15E | 10:20PM | " SOUTH " | Y N | | | |
| 34 | 1 | FC | 10-6-13 8:00AM | FLOOR CORP 12th FLOOR | Y N | | | |
| 35 | 1 | 11F | 10-6-13 8:20 | 1ST FLOOR LOBBY SLATE FLOOR | Y N | | | |
| 36 | 1 | PC-* | 10-6-13 8:30 | 3RD FLOOR PAINT Chip ROOM 300 | Y N | | | |
| 37 | 2 | PC * | 8:35AM | " NORTH WALL " | Y N | | | |
| 38 | 3 | PC * | 8:38 | " SOUTH WALL " | Y N | | | |
| 39 | 4 | PC * | 8:45 | " EAST WALL " | Y N | | | |
| 40 | 5 | PC * | 8:48 | " WEST WALL " | Y N | | | |
| 41 | 6 | PC * | 8:55 | " CENTER WALL " | Y N | | | |
| 42 | 7 | PC * | 9:00AM | " INSIDE DOOR WALL " | Y N | | | |
| 43 | 1 | 17A | 9:15AM | BEAM TEXTURE FLOOR 1 | Y N | | | |
| 44 | 2 | 17A | 9:20 | " SOUTHSIDE " | Y N | | | |
| 45 | 3 | 17A | 9:30 | WESTSIDE | O N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 4:00PM Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: [signature] Date/Time: 10/10/13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____

Phone/Fax: _____

Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

4. **Project Name:** _____

**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 46 | 4 | 17A | 10-6-13 9:45 | BEAM TEXTURE FLOOR | N | | | |
| 47 | 5 | 17A | 9:50AM | SOUTH | Y N | | | |
| 48 | 6 | 17A | 10:00AM | WEST | Y N | | | |
| 49 | 7 | 17A | 10:10 | CENT. BEAM | Y N | | | |
| 50 | 1 | 8F | 10:25 | 1ST FLOOR MASTIC | Y N | | | |
| 51 | 2 | 8F | 10:35 | 3RD FLOOR MASTIC | Y N | | | |
| 52 | 3 | 8F | 10:45 | 5th FLOOR MASTIC | Y N | | | |
| 53 | 4 | 8F | 10:55 | 7th FLOOR MASTIC | Y N | | | |
| 54 | 5 | 8F | 11:05 | 9th FLOOR MASTIC | Y N | | | |
| 55 | 6 | 8F | 11:15 | 11th FLOOR MASTIC | Y N | | | |
| 56 | 7 | 8F | 11:30 | 12th FLOOR MASTIC | Y N | | | |
| 57 | 1 | RF | 12:00 | 12th FLOOR ROOF | Y N | | | |
| 58 | 2 | RF | 12:10 | SOUTH END ROOF | Y N | | | |
| 59 | 3 | RF | 12:20 | CENTER | Y N | | | |
| 60 | 4 | RF | 12:35 | WEST | N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) _____

Relinquished by: _____ Date/Time: 10-9-13 4:00PM Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: _____ Date/Time: 10/10/13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____

Phone/Fax: _____

Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

4. **Project Name:** _____

**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 61 | 5 | RF | 10-6-13 12:40pm | 12th FLOOR ROOF NORTH | Y N | | | |
| 62 | 6 | RF | 12:50PM | EAST ROOF | Y N | | | |
| 63 | 7 | RF | 1:00PM | WESTEAST CORNER. | Y N | | | |
| 64 | 1 | DF | 1:15 pm | INTERIOR Loading Dock | Y N | | | |
| 65 | 2 | DF | 1:25 PM | South DOCK FLOR | Y N | | | |
| 66 | 3 | DF | 1:30PM | west " | Y N | | | |
| 67 | 4 | DF | 1:40PM | EAST " | Y N | | | |
| 68 | 5 | DF | 1:45PM | North " | Y N | | | |
| 69 | 6 | DF | 1:55PM | CENTER " | Y N | | | |
| 70 | 7 | DF | 2:00pm | MIDDLE " | Y N | | | |
| 71 | 1 | 17B | 2:20PM | 1ST FLOOR COLEBASE | Y N | | | |
| 72 | 2 | 17B | " " | South " | Y N | | | |
| 73 | 3 | 17B | " " | EAST " | Y N | | | |
| 74 | 4 | 17B | " " | West " | Y N | | | |
| 75 | 5 | 17B | 12:50" | NORTH " | Y N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: _____ Date/Time: 10/10/13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____
Phone/Fax: _____
Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

4. **Project Name:** _____
**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 76 | 6 | 17B | 10-6-13 3:10PM | 1ST FLOOR CENTER WALL COVE BASE | Y N | | | |
| 77 | 7 | 17B | 3:20PM | MIDDLE WEST EAST WALL | Y N | | | |
| 78 | 1 | 11D | 10-6-13 3:35 | 3RD FLOOR LOBBY FLOOR | Y N | | | |
| 79 | 2 | 11-D | | " SOUTH " | Y N | | | |
| 80 | 3 | 11-D | | " EAST " | Y N | | | |
| 81 | 4 | 11-D | | " WEST " | Y N | | | |
| 82 | 5 | 11D | | " NORTH " | Y N | | | |
| 83 | 6 | 11D | " | " MIDDLE " | Y N | | | |
| 84 | 7 | 11D | 4:00PM | " NORTHWEST FLOOR " | Y N | | | |
| 85 | B-1 | 9C | 4:15 | TROWELED ~~SPRAY~~ FIRE PROOF | Y N | | | |
| 86 | B-2 | 9C | | " CENTER CEILING " | Y N | | | |
| 87 | B-3 | 9C | | " NORTH " | Y N | | | |
| 88 | B-4 | 9C | | " SOUTH " | Y N | | | |
| 89 | B-5 | 9C | | " EAST " | Y N | | | |
| 90 | B-6 | 9C | 5:00PM | " MIDDLE " | Y N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 4:00PM Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: _____ Date/Time: 10/10/13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____

Phone/Fax: _____

Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

4. **Project Name:** _____

**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 91 | B-7 | 9C | 10-6-13 5:10 | TROWELDS~~pray~~ FIRE PROOF | Y N | | | |
| 92 | 1 | 16CB | 10-7-13 1:00 PM | BEAM Interior " | Y N | | | |
| 93 | 2 | 16CB | | "South " | Y N | | | |
| 94 | 3 | 16CB | | "NORTH " | Y N | | | |
| 95 | 4 | 16CB | | "EAST " | Y N | | | |
| 96 | 5 | 16CB | | "WEST " | Y N | | | |
| 97 | 6 | 16CB | | "CENTER " | Y N | | | |
| 98 | 7 | 16CB | 2:00 | "MIDDLE | Y N | | | |
| 99 | A-1 | 9C | | SPRAY FIRE PROOF " | Y N | | | |
| 100 | A-2 | 9C | | SOUTH CEILING | Y N | | | |
| 101 | A-3 | 9C | | NORTH CEILING | Y N | | | |
| 102 | A-4 | 9C | | WEST CEILING | Y N | | | |
| 103 | A5 | 9C | | EAST CEILING | Y N | | | |
| 104 | A-6 | 9C | | CENTER CEILING | Y N | | | |
| 105 | A-7 | 9C | 2:55 | MIDDLE CEILING | Y N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 4:00PM Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: _____ Date/Time: 10/10/13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____
Phone/Fax: _____
Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

**1. TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

**2. TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

**3. DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

**4. Project Name:** _____
**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| | 1 | ER | 10-7-13 3:05 | RM 1401 DUCT ELEVATOR ROOM | Y N | | | |
| 104 | 1 | 16A | 3:15 | 1ST FLOOR HEATING cooling | Y N | | | |
| 107 | 1 | 11F | 3:25 | 12th FLOOR AIR Handler ROOM | Y N | | | |
| 108 | 1 | CB | 3:35 | 9th FLOOR COLD BASE | Y N | | | |
| 109 | 2 | CB | | " NORTH " | Y N | | | |
| 110 | 3 | CB | | " SOUTH " | Y N | | | |
| 111 | 4 | CB | | " EAST " | Y N | | | |
| 112 | 5 | CB | | " WEST " | Y N | | | |
| 113 | 6 | CB | | " MIDDLE WALL " | Y N | | | |
| 114 | 7 | CB | 3:50 | " CENT WALL " | Y N | | | |
| 115 | 1 | GB | 4:00PM | GROUT IN BATHROOM " | Y N | | | |
| 116 | 2 | GB | | "SOUTH " | Y N | | | |
| 117 | 3 | GB | | "EAST " | Y N | | | |
| 118 | 4 | GB | | "WEST " | Y N | | | |
| 119 | 5 | GB | 4:35 | "NORTH " | Y N | | | |
| 120 | | | | | | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 4:00PM Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: _____ Date/Time: 10 10 13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132331
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____

Phone/Fax: _____

Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

4. Project Name: _____

P.O. Number: _____ Project Number: _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 121 | 6 | GB | 10-7-13 4:40 | CENTER of BATHROOM | Y N | | | |
| 122 | 7 | BB | 4:50 | MIDDLE ON SE. | Y N | | | |
| 123 | 1 | 10G | 5:00PM | LOBBY CEILING TILE | Y N | | | |
| 124 | 2 | 10G | | " SOUTH " | Y N | | | |
| 125 | 3 | 10G | | " EAST " | Y N | | | |
| 126 | 4 | 10G | | " NORTH " | Y N | | | |
| 127 | 5 | 10G | | " WEST " | Y N | | | |
| 128 | 6 | 10G | | " MIDDLE " | Y N | | | |
| 129 | 7 | 10G | 5:50 | " CENTER of Lobby " | Y N | | | |
| 130 | A-1 | 16GA | 6:00PM | Exterior Beam 16G | Y N | 11:55 | 11g | |
| 131 | -2 | 16GA | | " SOUTH " | Y N | | | |
| 132 | -3 | 16GA | | " NORTH " | Y N | | | |
| 133 | -4 | 16GA | 6:45 | " EAST " | Y N | | | |
| 134 | 1 | 12FB | 10-7-13 7:00PM | BEAM 7 CEILING TILE | Y N | | | |
| 135 | 2 | 12FB | | " SOUTH " | Y N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY. WESTON (Signature) _____

Relinquished by: _____ Date/Time: 10-9-13 4:00 PM Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: _____ Date/Time: 10 10 13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 132831
TAT:
Rec'd:
EMC USE ONLY

COMPANY NAME: _____ BILL TO: _____ (If Different Location)

CONTACT: _____
Phone/Fax: _____
Email: _____

Now Accepting: VISA – MASTERCARD Price Quoted: $_____ / Sample $____ / Layers

**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**

**1. TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required**
****Additional charges for rush analysis (please call marketing department for pricing details)**
****Laboratory analysis may be subject to delay if credit terms are not met**

**2. TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

**3. DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
*(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)*

**4. Project Name:** _____
**P.O. Number:** _____ **Project Number:** _____

| | EMC SAMPLE # | CLIENT SAMPLE # | DATE & TIME SAMPLED | LOCATION/MATERIAL TYPE | Samples Accepted Yes / No | AIR SAMPLE INFO / COMMENTS ON | OFF | FLOW RATE |
|---|---|---|---|---|---|---|---|---|
| 136 | 3 | 12FB | 10-7-13 | "NORTH " | Y N | | | |
| 137 | 4 | | | "EAST " | Y N | | | |
| 138 | 5 | | | "WEST " | Y N | | | |
| 139 | 6 | | | "MIDDLE " | Y N | | | |
| 140 | 7 | 12FB | 7:55 | "NE CENTER " | Y N | | | |
| | 1 | 8E | 8:05 | Room 155 WALL PANEL | Y N | | | |
| | 2 | 8E | | "South WALL " | Y N | | | |
| | 3 | 8E | | "North WALL " | Y N | | | |
| | 4 | 8E | | "EAST WALL " | Y N | | | |
| | 5 | 8E | | "WEST WALL " | Y N | | | |
| | 6 | 8E | | "CENTER WALL " | Y N | | | |
| | 7 | 8E | 9:00PM | "NE WALL " | Y N | | | |
| | | | | | Y N | | | |
| | | | | | Y N | | | |
| | | | | | Y N | | | |

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) JERRY WESTON (Signature) Jerry Weston

Relinquished by: Jerry Weston Date/Time: 10-9-13 4:00PM Received by: Diana Federico Date/Time: 10/10/13

Relinquished by: Diana Federico Date/Time: 10/10/13 Received by: _____ Date/Time: 10 10 13

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

# APPENDIX D

## INSPECTOR & LABORATORY CERTIFICATIONS

# Certificate of Completion

PRESENTED BY:

COLE AND ASSOCIATES, TRAINING AND CONSULTING, INC.

THIS IS TO CERTIFY THAT

## CHRISTOPHER R. ROSIER

1804 E. STRAND AVE POST FALLS, ID 83854

HAS SUCCESSFULLY COMPLETED THE STATE OF FLORIDA APPROVED

**AHERA BUILDING INSPECTOR**

TRAINING COURSE

**AS REQUIRED BY AHERA AND 40 CFR 763, SUBPART E, APPENDIX C**

**PROVIDER NUMBER 0003574**

ATTENDED BETWEEN TUESDAY, OCTOBER 01, 2013 AND THURSDAY, OCTOBER 03, 2013
EXAMINATION DATE: THURSDAY, OCTOBER 03, 2013

COLE AND ASSOCIATES TRAINING AND CONSULTING INC.

| Brenda Dunbrack | Tammy Qualls |
|---|---|
| Training Administrator | Training Director |
| 3508-13-10-3220 | 10/3/2014 |
| Certification Number | Expiration Date |

Cole and Associates, Training and Consulting Inc, 18062 72nd Ave S
Kent, WA 98032 (425) 793-5505 Fax (425) 793-5552
1-877-455-BEAR and 1-888-414-8008
www.ctcbear.com

# Certificate of Completion

PRESENTED BY:

COLE AND ASSOCIATES, TRAINING AND CONSULTING, INC.

THIS IS TO CERTIFY THAT

## JERRY L. WESTON

2418 E. 7TH AVE. SPOKANE, WA 99202

HAS SUCCESSFULLY COMPLETED THE STATE OF FLORIDA APPROVED

**AHERA BUILDING INSPECTOR**

TRAINING COURSE

**AS REQUIRED BY AHERA AND 40 CFR 763, SUBPART E, APPENDIX C**

**PROVIDER NUMBER 0003574**

ATTENDED BETWEEN TUESDAY, OCTOBER 01, 2013 AND THURSDAY, OCTOBER 03, 2013
EXAMINATION DATE: THURSDAY, OCTOBER 03, 2013

COLE AND ASSOCIATES TRAINING AND CONSULTING INC.

| Training Administrator | Training Director |
|---|---|
| 3508-13-10-2844 | 10/3/2014 |
| Certification Number | Expiration Date |

Cole and Associates, Training and Consulting Inc, 18062 72nd Ave S
Kent, WA 98032 (425) 793-5505 Fax (425) 793-5552
1-877-455-BEAR and 1-888-414-8008
www.ctcbear.com

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

# Certificate of Accreditation to ISO/IEC 17025:2005

**NVLAP LAB CODE: 101926-0**

## EMC Labs, Inc.

Phoenix, AZ

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

## BULK 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).*

2010-07-01 through 2011-06-30

*Effective dates*

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

*For the National Institute of Standards and Technology*

NVLAP-01C (REV. 2009-01-28)

JCSBC
2-2-2016
Att.5.--092

# DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES

Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

## REPORT OF ANALYSIS

### INORGANIC CHEMISTRY

Report To:
Gary Wilson
Forbes

Topeka KS 66620

Analysis Code: AB  Lab Number: 300000

ET Number: 03-0000

Collection Location:
Docking Bldg, 5th floor, mechanical room door
Type of Operation: State Bldg

Collector: DFM
Date Collected:

Date/Time Received: 09/09/03 13:34

Submittor: Gary Wilson
Sample Description:
off white sheet, eight inch thick.

Sample Type: insulation

| ASBESTOS MINERALS: | ESTIMATED PERCENTAGE |
|---|---|
| 1. Chrysotile | 90 |
| 2. Amosite | 0 |
| 3. Crocidolite | 0 |
| 4. Anthophyllite | 0 |
| 5. Tremolite/Actinolite | 0 |
| ASBESTOS TOTAL: | 90 |
| Cellulose (Paper/Wood Fibers) | 0 |
| Glass Fibers | 0 |
| Mineral Wool | 0 |
| Other Fibers | 0 |
| Non-fibrous Materials | 10 |
| Total Materials: | 100 |

Notes:
Unless otherwise noted, samples were homogenized prior to analysis. Samples analysis. Samples were analyzed using polarized light microscopy (PLM) in conjunction with dispersion staining (EPA 600/MA-82-020). This test report is only related to the specimen tested.

Reporting Analyst: TLP
Date Reported: 09/11/03

**Environmental Laboratories**
Inorganic Chemistry (785) 296-1657
Organic Chemistry (785) 296-1647
Radiochemistry (785) 296-1629
Env. Microbiology (785) 296-0971

Duane R. Boline, Ph.D., Director - (785) 296-1620
Office of Sample & Data Management - (785) 296-1627
Laboratory Fax - (785) 296-1641

**Health Laboratories**
Diagnostic Micro. (785) 296-1636
Neonatal Screening (785) 296-1651
Serology (785) 296-1653
Virology (785) 296-1645

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Hall | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 70 | LF | G | 1,330.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 6" | YES | 16,17,18 | 1 | EA | G | 20.50 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 3 | EA | G | 61.50 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 12 | EA | G | 246.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 15 | EA | G | 255.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 2 | EA | G | 34.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 8 | EA | G | 136.00 |
| SB | Hall | A2 Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 102 | LF | G | 1,652.40 |
| SB | Hall | B2 Mudded Joint Packings on Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | Assumed | 9 | EA | G | 153.00 |
| SB | Hall | A4 Fiberglass Pipe Insulation | Asbestos Paper Tape On Seams | 2" | YES | 28,29,30 | 55 | LF | G | 891.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 4 | EA | G | 68.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| SB | West Stairwell | C1 Vinyl Floor Tile 9" x 9" | White W/Black | | YES | 93 | 140 | SF | G | 273.00 |
| SB | West Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | G | N/A |
| SB | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White W/Black | | YES | 93 | 140 | SF | G | 273.00 |
| SB | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 8" | YES | 19,20,21 | 12 | EA | G | 246.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 12" | YES | 19,20,21 | 75 | EA | G | 1,800.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 15 | EA | G | 360.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Heating Water | 8" | YES | 22,23,24 | 20 | EA | G | 410.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Heating Water | 12" | YES | 22,23,24 | 70 | EA | G | 1,680.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Heating Water | 18" | YES | 22,23,24 | 27 | EA | G | 648.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 20 | EA | G | 410.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 12" | YES | 34,35,36 | 45 | EA | G | 1,080.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 10 | EA | G | 170.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 50 | EA | G | 850.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 55 | EA | G | 1,127.50 |
| SB | Chiller Room | A4 Fiberglass Pipe Insulation | w/Asbestos Paper Tape On Seams | 4" | YES | 28,29,30 | 75 | LF | G | 1,215.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 6 | EA | G | 102.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 15 | EA | G | 255.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 8" | YES | 31,32,33 | 10 | EA | G | 205.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 12 | EA | G | 204.00 |
| SB | Chiller Room | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 6" | YES | 10,11,12 | 165 | LF | G | 3,135.00 |
| SB | Chiller Room | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 6" | YES | 13,14,15 | 28 | EA | G | 574.00 |
| SB | Chiller Room | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 170 | LF | G | 3,230.00 |
| SB | Chiller Room | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 25 | EA | G | 512.50 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 80 | EA | G | 1,360.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 6" | YES | 16,17,18 | 40 | EA | G | 820.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 45 | EA | G | 922.50 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 12" | YES | 16,17,18 | 10 | EA | G | 240.00 |
| SB | Chiller Room, Plumbing Shop Area | A2 Corrugated Pipe Insulation | Steam Supply & Return | 4" | YES | 49 | 15 | LF | G | 243.00 |
| SB | Chiller Room, Plumbing Shop Area | A2 Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 10 | LF | G | 162.00 |
| SB | Chiller Room, Plumbing Shop Area | B2 Mudded Joint Packings on Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | Assumed | 4 | EA | G | 68.00 |
| SB | Chiller Room, West Side, at Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 400 | SF | G | 4,760.00 |
| SB | Chiller Room, West Heat Exchangers | H3 Heat Exchanger Insulation | | | YES | 7,8,9 | 50 | SF | G | 760.00 |
| SB | Chiller Room, East Heat Exchanger | H3 Heat Exchanger Insulation | | | YES | 1,2,3 | 25 | SF | G | 380.00 |
| SB | Chiller Room, East center Heat Exchanger | H3 Heat Exchanger Insulation | | | YES | 4,5,6 | 25 | SF | G | 380.00 |
| SB | Boiler Room ('85 Add) | | All Gaskets New Non-Asbestos Material | | NO | | | | | N/A |
| SB | Boiler Room, Lab | D4 Ceiling Tile 2' x 4' | Fissures | | NO | 82 | 60 | SF | G | N/A |
| SB | Boiler Room, Lab | D4 Ceiling Tile 2' x 4' | Circular Wormholes | | NO | 83 | 180 | SF | G | N/A |
| SB | Boiler Room, Lab | L1 Metal Fire Door(s) | | | YES | Assumed | 3 | EA | G | 450.00 |
| SB | HVAC Shop, S. Office ('67 Add) | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 80 | SF | G | N/A |
| SB | Capitol Chiller Room ('67 Add) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 22 | EA | G | 528.00 |
| SB | Capitol Chiller Room ('67 Add) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 12" | YES | 19,20,21 | 30 | EA | G | 720.00 |
| SB | Capitol Chiller Room ('67 Add) | A1, B1 Preformed Mag/Cal Block Pipe Insulation w/Mudded Joint Packings | Breech On Generator | 12" | YES | 51,52,53 | 8 | LF | G | 192.00 |
| SB | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White W/Black | | YES | 93 | 140 | SF | G | 273.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Tower Room, N. End | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 650 | SF | G | 7,735.00 |
| SB | Tower Room, NE Corner | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 12" | YES | 19,20,21 | 4 | EA | G | 96.00 |
| SB | Tower Room, NE Corner | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 2 | EA | D | 34.00 |
| SB | Tower Room, W Side | N1 Gypsum Board w/Joint | Including Inside Air Intake | | NO | 133 | 1800 | SF | D | N/A |
| SB | Tower Room, S Side, at Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 6 | EA | G | 123.00 |
| SB | Tower Room,NE Corners | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 8 | EA | G | 136.00 |
| SB | S. Stairwell, Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| SB | Chiller Room, Office/Break Rm | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 35 | LF | G | 665.00 |
| SB | Chiller Room, Office/Break Rm | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 6" | YES | 10,11,12 | 35 | LF | G | 665.00 |
| SB | Chiller Room, Office/Break Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 6" | YES | 16, 17,18 | 1 | EA | G | 20.50 |
| SB | Chiller Room, Office/Break Rm | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 28,29,30 | 14 | LF | G | 226.80 |
| SB | Chiller Room, Office/Break Rm | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 28,29,30 | 14 | LF | G | 226.80 |
| SB | Chiller Room, Office/Break Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 1 | EA | G | 17.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 4 | EA | G | 96.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 2 | EA | G | 34.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 6 | EA | G | 102.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 10 | EA | G | 170.00 |
| SB | Storage Cages N. of Freight Elevator | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 25 | LF | G | 475.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 5 | EA | G | 102.50 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 11 | EA | G | 187.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 3 | EA | G | 61.50 |
| SB | Storage Cages N. of Freight Elevator | A4 Fiberglass Pipe Insulation | Domestic Hot Water w/ Asbestos Paper Tape | 2" | YES | 28,29,30 | 55 | LF | G | 891.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 10 | EA | G | 170.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 6 | EA | G | 102.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | Paint/Carpenter Shops | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 14 | LF | G | 266.00 |
| SB | Paint/Carpenter Shops | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 1 | EA | G | 20.50 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 45 | EA | G | 922.50 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 32 | EA | G | 656.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 45 | EA | G | 765.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 30 | EA | G | 510.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 4 | EA | G | 82.00 |
| SB | Paint/Carpenter Shops | A4 Fiberglass Pipe Insulation | Domestic Hot Water w/ Asbestos Paper Tape | 2" | YES | 28,29,30 | 280 | LF | G | 4,536.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 28 | EA | G | 476.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 10 | EA | G | 170.00 |
| SB | Paint/Carpenter Shops, Offices | N1 Gypsum Board w/Joint Compound | | | NO | 134 | 500 | SF | | N/A |
| SB | Paint/Carpenter Shops, Super. Office | D4 Ceiling Tile 2' x 4' | LG Rough Wormholes & Pinholes | | NO | 85 | 95 | SF | | N/A |
| SB | Room SB10 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 60 | LF | G | 1,140.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Room SB10 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 50 | LF | G | 1,100.00 |
| SB | Room SB10 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 5 | EA | G | 102.50 |
| SB | Room SB10 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 12 | EA | G | 246.00 |
| SB | Room SB10 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| SB | SBS-1, Storage S. of S. Stairwell | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SBS-3 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 30 | LF | G | 570.00 |
| SB | SBS-3 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 26 | LF | G | 572.00 |
| SB | SBS-3 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 4 | EA | G | 82.00 |
| SB | SBS-3 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 3 | EA | G | 72.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 2 | EA | G | 48.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 16 | EA | G | 328.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 20 | EA | G | 340.00 |
| SB | SBS-3 | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 28,29,30 | 70 | LF | G | 1,134.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 15 | EA | G | 255.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 9 | EA | G | 153.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 6 | EA | G | 102.00 |
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 19 | EA | G | 456.00 |
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 3 | EA | G | 51.00 |
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SBS-6 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 62 | LF | D | 1,178.00 |
| SB | SBS-6 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 56 | LF | G | 1,232.00 |
| SB | SBS-6 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 6 | EA | G | 144.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 35 | EA | G | 717.50 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20, 21 | 4 | EA | G | 96.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 5 | EA | G | 85.00 |
| SB | SBS-6 | A4 Fiberglass Pipe Insulation | Domestic Hot Water W/ Asbestos Paper Tape | 2" | YES | 28,29,30 | 70 | LF | G | 1,134.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot water | 2" | YES | 31,32,33 | 7 | EA | D | 119.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 4 | EA | G | 68.00 |
| SB | SBS-7 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 25 | LF | D | 550.00 |
| SB | SBS-7 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 2 | EA | G | 48.00 |
| SB | SBS-8 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| SB | SBS-8 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| SB | SBS-13 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 13,14,15 | 2 | EA | G | 34.00 |
| SB | SBS-14 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 5 | EA | G | 85.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | SBS-14 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 5 | EA | G | 85.00 |
| SB | SBS-17 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 24 | LF | G | 456.00 |
| SB | SBS-17 | A1 Preformed Mag/Cal Block Pipe Insulation | LPS Exposed at N. Wall | 12" | YES | 10,11,12 | 18 | LF | D | 396.00 |
| SB | SBS-17 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 4 | EA | G | 82.00 |
| SB | SBS-17 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 1 | EA | G | 24.00 |
| SB | SBS-17 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 2 | EA | G | 48.00 |
| SB | SBS-17 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 24 | EA | G | 492.00 |
| SB | SBS-17 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 2 | EA | G | 34.00 |
| SB | SBS-16 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 25 | LF | G | 550.00 |
| SB | SBS-16 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 1 | EA | G | 24.00 |
| SB | SBS-16 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 2 | EA | G | 48.00 |
| SB | SBS-15 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 15 | EA | G | 307.50 |
| SB | SBS-18 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 40 | LF | G | 880.00 |
| SB | SBS-18 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 3 | EA | G | 72.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 6 | EA | G | 102.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 8 | EA | G | 164.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 50 | EA | G | 1,025.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 1 | EA | G | 17.00 |
| SB | SBS-18 | A3 Layered Paper Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 36 | LF | G | 583.20 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| SB | Storage Cages Hall | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 15 | LF | G | 285.00 |
| SB | Storage Cages Hall | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 5 | LF | G | 110.00 |
| SB | Storage Cages Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| SB | SB6 - Custodians Storage | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 20 | LF | G | 380.00 |
| SB | SB6 - Custodians Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 2 | EA | G | 34.00 |
| SB | SB6 - Custodians Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 1 | EA | G | 20.50 |
| SB | SB6 - Custodians Storage | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 28,29,30 | 20 | LF | G | 324.00 |
| SB | SB6 - Custodians Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 2 | EA | G | 34.00 |
| B | Rm B58 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| B | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 965 | | | N/A |
| B | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 1225 | | | N/A |
| B | Lobby | C2 Vinyl Floor Tile 12" x 12" | Green | | NO | see 117,118 | 40 | SF | | N/A |
| B | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 900 | SF | G | 10,710.00 |
| B | Lobby, Area E. of Freight Elevator | D5 Ceiling Tile | | | NO | 132 | 350 | SF | | N/A |
| B | West Freight Elevator Lobby | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 50 | SF | G | 97.50 |
| B | West Freight Elevator Lobby | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 120 | SF | G | 1,428.00 |
| B | West Freight Elevator Lobby | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | West Freight Elevator Lobby | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | West Freight Elevator Lobby | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| B | Loading Dock | A1 Preformed Mag/Cal Block Pipe Insulation | | 6" | YES | 10,11,12 | 32 | LF | D | 608.00 |
| B | Loading Dock | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | | 6" | YES | 13,14,15 | 12 | EA | G | 246.00 |
| B | Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 6 | EA | G | 102.00 |
| B | Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 18" | YES | 43,44,45 | 2 | EA | G | 48.00 |
| B | Loading Dock, Office | D4 Ceiling Tile 2' x 4' | Small Dents & Pinholes | | NO | 90 | | | | N/A |
| B | Loading Dock | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 90 | SF | G | 1,071.00 |
| B | Room W. of Loading Dock | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| B | Room W. of Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 5 | EA | G | 102.50 |
| B | Room W. of Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| B | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | 140 | SF | G | N/A |
| B | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | G | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | Restrooms Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 30 | EA | G | 510.00 |
| 1ST | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 1ST | Women's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Women's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| 1ST | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 6800 | SF | | N/A |
| 1ST | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1350 | SF | G | 16,065.00 |
| 1ST | Lobby | D3 Ceiling Tile 2' x 2' | Drop Edge | | NO | 91 | 6800 | SF | | N/A |
| 1ST | Rm 149 | D3 Ceiling Tile 2' x 2' | Drop Edge, Rough Texture | | NO | 92 | | | | N/A |
| 1ST | Rm 149 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Rm 149, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | G | 714.00 |
| 1ST | Rm 149 | C1 Vinyl Floor Tile 9" x 9" | Blue | | YES | 111 | 80 | SF | G | 156.00 |
| 1ST | Rm 147 | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Rm 147 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 235 | SF | G | 2,796.50 |
| 1ST | Rm 147 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 200 | SF | G | 390.00 |
| 1ST | Capitol Police Offices | D3 Ceiling Tile 2' x 2' | Drop Edge, Rough Texture | | NO | 92 | | | | N/A |
| 1ST | Capitol Police Offices | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Capitol Police Offices | N1 Gypsum Board w/Joint | | | NO | 138 | | | | N/A |
| 1ST | Capitol Police Offices, Locker Rooms | C2 Vinyl Floor Tile 12" x 12" | White w/ Tan & Gray Specks | | NO | 101 | 250 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | Capitol Police Offices, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 2000 | SF | | N/A |
| 1ST | Rm 120 | D3 Ceiling Tile 2' x 2' | Drop Edge, Rough Texture | | NO | 92 | | | | N/A |
| 1ST | Rm 120, Under Carpet | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | 320 | SF | | N/A |
| 1ST | Rm 120, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | G | 714.00 |
| 1ST | Rm 120 | N1 Gypsum Board w/Joint | | | NO | 139 | | | | N/A |
| 1ST | Rm 120, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 1ST | Exterior, E. and N. Porches | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 7800 | SF | | N/A |
| 1ST | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 180 | SF | G | 351.00 |
| 1ST | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | | | | N/A |
| 1ST | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 180 | SF | G | 351.00 |
| 1ST | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 180 | SF | G | 351.00 |
| 1ST | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | S. Hall | D3 Ceiling Tile 2' x 2' | Drop Edge | | NO | 91 | | | | N/A |
| 1ST | S. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 1100 | SF | G | 2,145.00 |
| 1ST | S. Hall, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 1100 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | S. Hall | N1 Gypsum Board w/Joint | | | NO | 139 | | | | N/A |
| 1ST | S. Hall | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | W. Hall | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | W. Hall | N1 Gypsum Board w/Joint | | | NO | 113 | | | | N/A |
| 1ST | W. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 380 | SF | G | 741.00 |
| 1ST | W. Hall, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 380 | SF | | N/A |
| 1ST | Rm 193 ( S. AHU Rm) | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Rm 196 | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Rm 196, Under Carpet | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 1000 | SF | G | 1,950.00 |
| 1ST | Rm 196, Conference Room | D4 Ceiling Tile 2' x 4' | Reddish Tan | | NO | 90 | 1000 | SF | G | N/A |
| 1ST | SW Offices (Rms 155, 157, 159, 163, 191, 195) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | SW Offices (Rms 155, 157, 159, 163, 191, 195) | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan; Under Carpet | | YES | 94 | 24500 | SF | G | 47,775.00 |
| 1ST | SW Offices (Rms 155, 157, 159, 163, 191, 195) | E2 Fire Proofing Trowel Finished | Above Ceiling | | NO | 58,59 | 24500 | SF | | N/A |
| 1ST | Telephone Rm ( S. of Center Stairwell) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Telephone Rm ( S. of Center Stairwell), | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 90 | SF | G | 175.50 |
| 1ST | Telephone Rm ( S. of Center Stairwell) | E2 Fire Proofing Trowel Finished | Above Ceiling | | NO | 58,59 | 90 | SF | | N/A |
| 1ST | SE Offices (Rms 150,158,160,162) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | 150,158,160, 162), Under Carpet | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 7200 | SF | G | 14,040.00 |
| 1ST | 150,158,160, 162), Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 7200 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | NE Offices (Rms 100, 129, 130, 141) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | 129, 130, 141), Under Carpet | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 9300 | SF | G | 18,135.00 |
| 1ST | 129, 130, 141), Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | | | | N/A |
| 2ND | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 2ND | Mens Restroom | G2 Hard Finish Wall Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| 2ND | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Womens Restroom, Entry Way | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 2ND | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| 2ND | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 890 | SF | | N/A |
| 2ND | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 1120 | SF | | N/A |
| 2ND | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 60,61 | 2100 | SF | | N/A |
| 2ND | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1050 | SF | G | 12,495.00 |
| 2ND | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 180 | SF | | N/A |
| 2ND | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 80 | SF | | N/A |
| 2ND | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 2ND | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 60,61 | 260 | SF | | N/A |
| 2ND | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 2ND | Custodian's Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 2ND | Rm 210 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 85 | SF | G | 1,011.50 |
| 2ND | Rm 210 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| 2ND | Rm 210, N. AHU Area | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 4 | EA | G | 82.00 |
| 2ND | S. AHU Rm | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 180 | SF | | N/A |
| 2ND | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 2ND | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | 40 | SF | | N/A |
| 2ND | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 2ND | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 2ND | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 100 | SF | G | 195.00 |
| 2ND | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 2ND | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 46000 | SF | G | 89,700.00 |
| 2ND | Offices Throughout, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 60,61 | 46000 | SF | | N/A |
| 3RD | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 3RD | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 3RD | Women's Restrrom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 3RD | Women's Restrrom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Women's Restrrom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| 3RD | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 890 | SF | | N/A |
| 3RD | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 1120 | SF | | N/A |
| 3RD | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 2100 | SF | | N/A |
| 3RD | Lobby | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1300 | SF | G | 15,470.00 |
| 3RD | E. Office Entryway | C5 Floor Covering | Red | | NO | 103 | 260 | SF | | N/A |
| 3RD | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 260 | SF | | N/A |
| 3RD | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 3RD | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | N. Hall | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 3RD | N. Hall, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 980 | SF | | N/A |
| 3RD | N. Hall | C2 Vinyl Floor Tile 12" x 12" | Blue | | NO | 104 | 980 | SF | | N/A |
| 3RD | N. AHU Rm | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | N. AHU Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| 3RD | N. AHU Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 15 | EA | G | 255.00 |
| 3RD | N. AHU Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 4 | EA | G | 82.00 |
| 3RD | S. AHU Rm | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 3RD | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 3RD | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 45000 | SF | G | 87,750.00 |
| 3RD | Offices Throughout, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 45000 | SF | | N/A |
| 4TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 24 | EA | G | 408.00 |
| 4TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 4TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,,110 | | | | N/A |
| 4TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 160 | SF | G | 312.00 |
| 4TH | Womens Restroom | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 4TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 4TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 4TH | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 1065 | SF | | N/A |
| 4TH | Lobby | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 4TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 4TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 4TH | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 280 | SF | | N/A |
| 4TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 4TH | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 4TH | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | AHU Rm (Rm 401) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 4TH | AHU Rm (Rm 401) | N1 Gypsum Board w/Joint | | | NO | 140 | | | | N/A |
| 4TH | AHU Rm (Rm 401) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | d | 156.00 |
| 4TH | AHU Rm (Rm 401) | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 100 | SF | | N/A |
| 4TH | AHU Rm (Rm 401) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 4TH | AHU Rm (Rm 401) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 4TH | AHU Rm (Rm 401) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| 4TH | AHU Rm (Rm 401) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 4TH | AHU Rm (Rm 401), In Vent Shaft | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 6 | EA | G | 123.00 |
| 4TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 4TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 24 | EA | G | 408.00 |
| 5TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 5TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 5TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 5TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 5TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 5TH | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 1065 | SF | | N/A |
| 5TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 5TH | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 5TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 5TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 5TH | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 280 | SF | | N/A |
| 5TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 5TH | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 4TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26000 | SF | G | 50,700.00 |
| SB | SB7 - Custodian's Workroom | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 1 | EA | G | 17.00 |
| SB | SB7 - Custodian's Workroom | A4 Fiberglass Pipe Insulation | Domestic Hot water | 2" | YES | 28,29,30 | 4 | LF | G | 64.80 |
| SB | SB7 - Custodian's Workroom | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 1 | EA | G | 17.00 |
| SB | SB7 - Custodian's Workroom | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SB12 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 30 | LF | G | 570.00 |
| SB | SB12 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 40 | LF | G | 880.00 |
| SB | SB12 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 5 | EA | G | 102.50 |
| SB | SB12 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 4 | EA | G | 96.00 |
| SB | SB12 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 4 | EA | G | 96.00 |
| SB | SB12 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 6 | EA | G | 102.00 |
| SB | SB12 | A2 Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 20 | LF | G | 324.00 |
| SB | SB12 | B2 Mudded Joint Packings on Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | Assumed | 3 | EA | G | 51.00 |
| SB | SB12 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| SB | Tunnel | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 110 | LF | G | 2,090.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Tunnel | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 110 | LF | G | 2,420.00 |
| SB | Tunnel | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 4 | EA | G | 82.00 |
| SB | Tunnel | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 2 | EA | G | 48.00 |
| SB | Tunnel | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 8 | EA | G | 192.00 |
| B | Tunnel to Statehouse | C1 Vinyl Floor Tile 9" x 9" | Quantified To The Fire Doors. | | YES | 94 | 3780 | SF | G | 7,371.00 |
| B | Tunnel to Statehouse, E. End | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| B | Tunnel to Statehouse, Pipe Chase | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 540 | LF | G | 10,260.00 |
| B | Tunnel to Statehouse, Pipe Chase | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 540 | LF | G | 11,880.00 |
| B | Tunnel to Statehouse, Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 8 | EA | G | 192.00 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 4" | YES | 34,35,36 | 6 | EA | G | 102.00 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 17 | EA | G | 348.50 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 11 | EA | G | 187.00 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 12" | YES | 43,44,45 | 2 | EA | G | 48.00 |
| B | N. AHU Room | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1450 | SF | G | 17,255.00 |
| B | N. AHU Room | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| B | Old Electrical Shop (s. end of chiller rm mezz) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| B | Chiller Room Mezzanine(B80) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 5 | EA | G | 102.50 |
| B | Chiller Room Mezzanine(B80) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 12" | YES | 43,44,45 | 5 | EA | G | 120.00 |
| B | Chiller Room Mezzanine(B80) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | S. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 23 | EA | G | 471.50 |
| B | S. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | S. AHU Room | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 670 | SF | G | 7,973.00 |
| B | Kitchen | D4 Ceiling Tile 2' x 4' | Vinyl Faced | | NO | 86 | 1650 | SF | | N/A |
| B | Kitchen, Above Drop Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 880 | SF | G | 10,472.00 |
| B | Kitchen, Pantry | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 470 | SF | | N/A |
| B | Kitchen, Pantry, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 350 | SF | G | 4,165.00 |
| B | Kitchen, Bakery | D4 Ceiling Tile 2' x 4' | Vinyl Faced | | NO | 86 | 200 | SF | | N/A |
| B | Kitchen, Office | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | Kitchen, Office | C1 Vinyl Floor Tile 9" x 9" | Blue | | YES | 111 | 140 | SF | G | 273.00 |
| B | Cafeteria (incl gym) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| B | Cafeteria (incl gym) | C2 Vinyl Floor Tile 12" x 12" | Tan | | NO | 112 | 4416 | SF | | N/A |
| B | Cafeteria (incl gym) | C2 Vinyl Floor Tile 12" x 12" | Brown | | NO | 113 | 2760 | SF | | N/A |
| B | Cafeteria (incl gym) | C2 Vinyl Floor Tile 12" x 12" | Green-Blue | | NO | 114 | 1794 | SF | | N/A |
| B | Cafeteria (incl gym) | D3 Ceiling Tile 2' x 2' | Tan | | NO | 87 | | | | N/A |
| B | Cafeteria (incl gym) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 2980 | SF | G | 35,462.00 |
| B | Cafeteria Serving Area | D4 Ceiling Tile 2' x 4' | Vinyl Faced | | NO | 86 | 2000 | SF | | N/A |
| B | Cafeteria Serving Area | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1350 | SF | G | 16,065.00 |
| B | Conference Room | D3 Ceiling Tile 2' x 2' | Tan | | NO | 87 | 800 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Conference Room | N1 Gypsum Board w/Joint | | | NO | 135 | | | | N/A |
| B | N. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 1200 | SF | G | 2,340.00 |
| B | N. Hall | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | N. Hall, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 510 | SF | D | 6,069.00 |
| B | Rm B22 (Electrical Room) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 6" | YES | 25,26,27 | 3 | EA | G | 61.50 |
| B | Rm B22 (Electrical Room), Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 350 | SF | G | 4,165.00 |
| B | Rm B22 (Electrical Room) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| B | Rm B30 | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| B | Rm B30 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B30 | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 850 | SF | G | 1,657.50 |
| B | Rm B30, Under Compact Shelving | C2 Vinyl Floor Tile 12" x 12" | Tan | | YES | 115 | 50 | SF | G | 97.50 |
| B | Rm B30, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 180 | SF | G | 2,142.00 |
| B | Rm B32 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B32 | D4 Ceiling Tile 2' x 4' | Fissures Parallel to Length | | NO | 88 | 20 | SF | | N/A |
| B | Rm B32 | D4 Ceiling Tile 2' x 4' | Circular Wormholes | | NO | 83 | | | | N/A |
| B | Rm B32 | C2 Vinyl Floor Tile 12" x 12" | Light Blue | | YES | 97 | 1250 | SF | G | 2,437.50 |
| B | Rm B32, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 240 | SF | G | 2,856.00 |
| B | Rm B44 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B44 | N1 Gypsum Board w/Joint | | | NO | 136 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Rm B44 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 1600 | SF | G | 3,120.00 |
| B | Rm B44, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 800 | SF | G | 9,520.00 |
| B | Rm B48 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B48 | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, White & Tan | | YES | 96 | 560 | SF | G | 1,092.00 |
| B | Rm B48, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 35 | SF | G | 416.50 |
| B | Rm B50 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 1300 | SF | G | 2,535.00 |
| B | Rm B50 | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 1020 | SF | | N/A |
| B | Rm B50 | D4 Ceiling Tile 2' x 4' | LG Rough Wormholes & Pinholes | | NO | 85 | 280 | SF | | N/A |
| B | Rm B50, Above Drop Ceiling | D1 Acoustical Tile 1' x 1' | large random holes | | NO | 89 | 1300 | SF | | N/A |
| B | Rm B50, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 440 | SF | G | 5,236.00 |
| B | Rm B52 | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 140 | SF | G | 273.00 |
| B | Rm B52 | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 100 | SF | | N/A |
| B | Rm B52 | D1 Acoustical Tile 1' x 1' | large random holes | | NO | 89 | 50 | SF | | N/A |
| B | Rm B60 | N1 Gypsum Board w/Joint Compound | | | NO | 137 | | | | N/A |
| B | Rm B60 | C1 Vinyl Floor Tile 9" x 9" | green w/ white | | YES | 99 | 840 | SF | G | 1,638.00 |
| B | Rm B60, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 750 | SF | G | 8,925.00 |
| B | Rm B60 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | Hall, E. of S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | green w/ white | | YES | 99 | 100 | SF | G | 195.00 |
| B | Hall, E. of S. Stairwell | D4 Ceiling Tile 2' x 4' | Non-Suspect Fiberglass Material | | NO | | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Hall, E. of S. Stairwell, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 200 | SF | G | 2,380.00 |
| B | Hall, E. of S. Stairwell, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Hall, E. of S. Stairwell, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| B | Rm B71 | C1 Vinyl Floor Tile 9" x 9" | green w/ white | | YES | 99 | 2150 | SF | G | 4,192.50 |
| B | Rm B71 | D4 Ceiling Tile 2' x 4' | | | NO | 116 | 2150 | SF | | N/A |
| B | Rm B71 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 24 | EA | G | 492.00 |
| B | Rm B71 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 14 | EA | G | 238.00 |
| B | Rm B71 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 2524 | SF | D | 30,035.60 |
| B | Rm B71 | N5 Wall Board | | | NO | 57 | 456 | SF | | N/A |
| B | S. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 900 | SF | G | 1,755.00 |
| B | S. Hall | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 900 | SF | | N/A |
| B | S. Hall, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 450 | SF | SD | 5,355.00 |
| B | W. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 220 | SF | G | 429.00 |
| B | W. Hall | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 220 | SF | | N/A |
| B | W. Hall, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 125 | SF | D | 1,487.50 |
| B | Rm B51 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 175 | SF | G | 341.25 |
| B | Rm B51 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B51, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 12 | SF | G | 142.80 |
| B | Rm B51 | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | off-white | | NO | 100 | 140 | SF | | N/A |
| B | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | Restrooms Toilets Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 6 | EA | G | 102.00 |
| B | Restrooms Sinks Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 20 | EA | G | 340.00 |
| B | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Women's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B50, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| B | Rm B50, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 6 | EA | G | 102.00 |
| B | Rm B50, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Rm B60, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Rm B60, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| B | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| B | Women's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Kitchen, Office, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 10 | SF | G | 119.00 |
| 7TH | Offices, Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 8TH | Offices, Throught, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| B | Chiller Room Mezzanine, West End | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 10 | EA | G | 205.00 |
| B | Chiller Room Mezzanine, West End | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| B | Kitchen Office | C5 Floor Covering | baseboard | | NO | 142 | 20 | SF | | N/A |
| B | Rm B40, Outer Room | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 100 | SF | G | 195.00 |
| B | Rm B40, Outer Room | D4 Ceiling Tile 2' x 4' | small dents and pinholes | | NO | 90 | 100 | SF | | N/A |
| B | Rm B40, Outer Room | D4 Ceiling Tile 2' x 4' | Fissures Parallel to Length | | NO | 88 | 10 | SF | | N/A |
| B | Rm B40, Outer Room, Above Drop Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 100 | SF | | N/A |
| B | Rm B40, Outer Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| B | Rm B40, Inner Room | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 100 | SF | G | 195.00 |
| B | Rm B40, Inner Room, Above Drop Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 100 | SF | | N/A |
| B | Rm B40, Inner Room | D4 Ceiling Tile 2' x 4' | Fissures Parallel to Length | | NO | 88 | 100 | SF | | N/A |
| B | Custodial Supervisor's Office | D3 Ceiling Tile 2' x 2' | drop edge, rough texture | | NO | 92 | 100 | SF | | N/A |
| B | Maintenance Office | D3 Ceiling Tile 2' x 2' | drop edge, rough texture | | NO | 92 | 900 | SF | | N/A |
| B | Rm B30, Vault | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 2400 | SF | G | 4,680.00 |
| B | Rm B30, Vault, Above Vault | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 400 | SF | G | 4,760.00 |
| B | Rm B50, N.E. Room | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 400 | SF | G | 780.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Rm B50, N.E. Room | D4 Ceiling Tile 2' x 4' | small dents and pinholes | | NO | 90 | 400 | SF | | N/A |
| B | Rm B50, N.E. Room, Above Drop Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 400 | SF | | N/A |
| B | Rm B50, N.E. Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 7 | EA | G | 119.00 |
| B | Rm B50, N.E. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| B | Rm B50, N.E. Room | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| B | Rm B50, S.E. Room | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 400 | SF | G | 780.00 |
| B | Rm B50, S.E. Room | D1 Acoustical Tile 1' x 1' | large random holes | | NO | 89 | 400 | SF | | N/A |
| B | Rm B50, S.E. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| B | Rm B50, S.E. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 6 | EA | G | 102.00 |
| B | Rm B50, S.E. Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 50 | SF | G | 595.00 |
| B | Rm B26 | D4 Ceiling Tile 2' x 4' | LG Rough Wormholes & Pinholes | | NO | 85 | 240 | SF | | N/A |
| B | Rm B26, Under Carpet | C2 Vinyl Floor Tile 12" x 12" | Tan w/Brown | | YES | 127 | 240 | SF | G | 468.00 |
| B | Rm B24 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | G | 714.00 |
| B | Rm B24 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 4 | EA | G | 68.00 |
| B | Rm B24 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| B | Rm B24 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | B44, S. Room | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 400 | SF | G | 780.00 |
| B | B44, S. Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 400 | SF | | N/A |
| B | B44, S. Room | N1 Gypsum Board w/Joint | | | NO | 136 | 180 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | B44, S. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 4 | EA | G | 82.00 |
| B | B44, S. Room, above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| B | B44, S. Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 280 | SF | G | 3,332.00 |
| B | Snack Bar Area | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Snack Bar Area | C2 Vinyl Floor Tile 12" x 12" | Tan w/ Brown and Tan Specks | | NO | 125 | 225 | SF | | N/A |
| B | Snack Bar Area, N. End | U5 Site Mixed Products | TextuRed Paint | | NO | 122,123,124 | 225 | SF | | N/A |
| B | Snack Bar Area, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | SD | 1,785.00 |
| B | Snack Bar Storage | C2 Vinyl Floor Tile 12" x 12" | Brown Mottled Pattern | | NO | 126 | 60 | SF | | N/A |
| B | Snack Bar Storage | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 60 | SF | | N/A |
| B | Snack Bar Storage, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 10 | SF | G | 119.00 |
| B | Rm B54 | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 200 | SF | G | 390.00 |
| B | Rm B54 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 200 | SF | | N/A |
| B | Rm B54, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 800 | SF | G | 9,520.00 |
| B | Rm B54 | D4 Ceiling Tile 2' x 4' | Small Dents & Pinholes | | NO | 90 | 800 | SF | | N/A |
| B | Rm B54 | D1 Acoustical Tile 1' x 1' | Large Random Holes | | NO | 89 | 1200 | SF | | N/A |
| B | Rm B54, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| B | Rm B54, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 9 | EA | G | 153.00 |
| B | Rm B54, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| B | Rm B54 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 1200 | SF | G | 2,340.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Rm B56 | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 600 | SF | G | 1,170.00 |
| B | Rm B56 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 600 | SF | | N/A |
| B | Rm B56, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 750 | SF | G | 8,925.00 |
| B | Rm B56, Above Celing | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 6 | EA | G | 123.00 |
| B | Rm B56, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | Rm B58 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 340 | SF | G | 4,046.00 |
| 4TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 26000 | SF | | N/A |
| 4TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 4TH | Offices,- W. Hall area, Ceiling | N1 Gypsum Board w/Joint | | | NO | 140 | | | | N/A |
| 4TH | Offices, N. of AHU RM, Wall | N1 Gypsum Board w/Joint | | | NO | 140 | | | | N/A |
| 4TH | AHU Rm ( RM 401) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | D | 714.00 |
| 4TH | Women's Restroom Entry, Air Intake | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | SD | 357.00 |
| 4TH | Women's Restroom Entry, Air Intake | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 40 | SF | | N/A |
| 5TH | AHU Rm (RM 501) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 5TH | AHU Rm (RM 501) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 5TH | AHU Rm (RM 501) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 5TH | AHU Rm (RM 501) | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 100 | SF | | N/A |
| 5TH | AHU Rm (RM 501) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/CW) | 8" | YES | 34,35,36 | 9 | EA | G | 184.50 |
| 5TH | AHU Rm (RM 501) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 5TH | AHU Rm (RM 501) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 5TH | AHU Rm (RM 501) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 5TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 5TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26000 | SF | G | 50,700.00 |
| 5TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 26000 | SF | | N/A |
| 5TH | Offices Throughout, Behind unit ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 5TH | Office N. of AHU Rm, Wall | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 6TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 24 | EA | G | 408.00 |
| 6TH | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 6TH | Women's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 6TH | Women's Restoom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 6TH | Women's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 6TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 6TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 6TH | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 1065 | SF | | N/A |
| 6TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 6TH | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 6TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 6TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 6TH | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 280 | SF | | N/A |
| 6TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 6TH | Custodian's Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | AHU Rm (Rm 601) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 6TH | AHU Rm (Rm 601) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 6TH | AHU Rm (Rm 601) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 6TH | AHU Rm (Rm 601) | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 100 | | | N/A |
| 6TH | AHU Rm (Rm 601) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 9 | EA | G | 184.50 |
| 6TH | AHU Rm (Rm 601) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 6TH | AHU Rm (Rm 601) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 6TH | N.Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 6TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26000 | SF | G | 50,700.00 |
| 6TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 26000 | SF | | N/A |
| 6TH | Offices Throughout, Behind Air Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 6TH | Office N. of AHU Rm, Wall | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 7TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 7TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Womens Restoom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 7TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 7TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 7TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 1065 | SF | G | N/A |
| 7TH | East Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 7TH | East Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 271 | SF | | N/A |
| 7TH | East Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 371 | SF | G | N/A |
| 7TH | Mens Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 7TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 7TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 7TH | E. Office Entryway, above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 7TH | AHU Rm (Rm 701) | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 100 | SF | | N/A |
| 7TH | AHU Rm (Rm 701) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & Yellow | | YES | 96 | 80 | SF | D | 156.00 |
| 7TH | AHU Rm (Rm 701) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 7TH | AHU Rm (Rm 701) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 7TH | AHU Rm (Rm 701) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 7TH | AHU Rm (Rm 701) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | | 1,190.00 |
| 7TH | AHU Rm (Rm 701) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 7TH | AHU Rm (Rm 701) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 7TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 7TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 7TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 7TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 7TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Floor Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 7TH | Floor Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 7TH | Floor Throughout | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 26400 | SF | G | N/A |
| 7TH | KDOT Conference Rm 1 & 2 | D5 Ceiling Tile | Smooth, w/ Pinholes | | NO | 120 | 35 | SF | | N/A |
| 7TH | KDOT Conference Rm 1 & 2 | D5 Ceiling Tile | Cross Hatch Pattern | | NO | 121 | 225 | SF | | N/A |
| 8TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 8TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 8TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 8TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 8TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 8TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 8TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 72,73 | 1065 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 8TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 8TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 8TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 271 | SF | | N/A |
| 8TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 8TH | AHU (Rm 801) | E2 Fire Proofing Trowel Finished | | | NO | 72,73 | 100 | SF | | N/A |
| 8TH | AHU (Rm 801) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 8TH | AHU (Rm 801) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 8TH | AHU (Rm 801) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 8TH | AHU (Rm 801) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 8TH | AHU (Rm 801) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| 8TH | AHU (Rm 801) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 8TH | AHU (Rm 801) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 8TH | AHU (Rm 801) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 8TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 8TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Floor Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 8TH | Floor Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 9TH | AHU Rm (Rm 901) | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 100 | SF | | N/A |
| 9TH | AHU Rm (Rm 901) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 9TH | AHU Rm (Rm 901) | N1 Gypsum Board w/Joint | | | NO | 141 | | | | N/A |
| 9TH | AHU Rm (Rm 901) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | | 20.50 |
| 9TH | AHU Rm (Rm 901) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 9TH | AHU Rm (Rm 901) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 9TH | AHU Rm (Rm 901) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 9TH | AHU Rm (Rm 901) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 9TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 9TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 9TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 9TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 9TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 9TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 9TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 9TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 9TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 9TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 9TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 1065 | SF | | N/A |
| 9TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | | 2,677.50 |
| 9TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 9TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 271 | SF | | N/A |
| 9TH | E. Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 371 | SF | | N/A |
| 9TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 9TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 9TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | yellow w/ Brown , Tan and white | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 9TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 26400 | SF | | N/A |
| 9TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 10TH | AHU Rm (Rm 1001) | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 100 | SF | | N/A |
| 10TH | AHU Rm (Rm 1001) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 10TH | AHU Rm (Rm 1001) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 10TH | AHU Rm (Rm 1001) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 10TH | AHU Rm (Rm 1001) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| 10TH | AHU Rm (Rm 1001) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 10TH | AHU Rm (Rm 1001) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 10TH | AHU Rm (Rm 1001) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 10TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | white w/black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Restroom Sinks Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 10TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 10TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 10TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 10TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 10TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 10TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 1068 | SF | | N/A |
| 10TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 10TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Green | | NO | 117 | 100 | SF | | N/A |
| 10TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 10TH | E. Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 371 | SF | | N/A |
| 10TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | | 892.50 |
| 10TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 10TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 10TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 26400 | SF | | N/A |
| 10TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 4" | YES | 34,35,36 | 4 | EA | G | 68.00 |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 2 | EA | G | 41.00 |
| 11TH | AHU Rm (Rm1101) | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 100 | SF | | N/A |
| 11TH | AHU Rm (Rm1101) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 11TH | AHU Rm (Rm1101) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 11TH | AHU Rm (Rm1101) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 180 | SF | G | 2,142.00 |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| 11TH | AHU Rm (Rm1101) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 11TH | AHU Rm (Rm1101) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 11TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | CenterStairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | N. Wing Raised Computer Floor | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Gray Specks | | YES | 128 | 7650 | SF | G | 14,917.50 |
| 11TH | Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 11TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 11TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 11TH | Womens Restroom, Above ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 11TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 11TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 11TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 11TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 1065 | SF | | N/A |
| 11TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | | 2,677.50 |
| 11TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 11TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 11TH | E. Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 371 | SF | | N/A |
| 11TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 11TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 11TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 11TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 26400 | SF | | N/A |
| 11TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 12TH | AHU Rm (Rm 1200) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 17 | EA | G | 348.50 |
| 12TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 668 | SF | | N/A |
| 12TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 771 | SF | | N/A |
| 12TH | Copy Room, N.E. Corner | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 12TH | Mens Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 16 | EA | G | 272.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 12TH | Mens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 112 | SF | G | 218.40 |
| 12TH | Womens Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 10 | SF | G | 170.00 |
| 12TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 96 | SF | G | 187.20 |
| 12TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 9800 | SF | G | 19,110.00 |
| 12TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 12TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 80,81 | 9800 | SF | | N/A |
| 12TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 400 | SF | | N/A |
| 12TH | Storeroom N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| 13TH | Lobby & Stairs | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 350 | SF | G | 682.50 |
| 13TH | Lobby & Stairs | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 11 | EA | G | 187.00 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 9 | EA | G | 153.00 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 11 | EA | G | 225.50 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 4 | EA | G | 82.00 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 3 | EA | G | 51.00 |
| 14TH | Lobby | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 14TH | Lobby | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 95 | SF | G | 185.25 |
| 14TH | Observation Deck | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 14TH | Observation Deck | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 2200 | SF | | N/A |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 4" | YES | 34,35,36 | 8 | EA | G | 136.00 |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 37 | EA | G | 758.50 |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 11 | EA | G | 225.50 |
| 14TH | Elevator Mechanical Rm | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 520 | SF | G | 6,188.00 |
| 14TH | Elevator Mechanical Rm | I4 Storage Tank Insulation | Mudded Ends On Fiberglass Insulation | | YES | 105,106,107 | 10 | SF | G | 187.50 |
| | Elevators | C2 Vinyl Floor Tile 12" x 12" | Sampled To Avoid Damage | | YES | Assumed | 160 | SF | G | 312.00 |
| | Elevators | C2 Vinyl Floor Tile 12" x 12" | Sampled To Avoid Damage | | YES | Assumed | 95 | SF | G | 185.25 |
| SB | SB6, Custodian's Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 1 | EA | G | 20.50 |

| | |
|---|---|
| 37,873.50 | 120000 |
| sum(K2:K14,K19:K57,K59:K163,K167,K170:K183,K192:K202,K205,K214,K216,K254,K252,K257,K266,K268,,K269,K270,K284,K286,K293,K296,K302:K304,,K317:K319,K322:K3 | |
| 134,110.20 | |
| 62,798.30 | |
| 124,155.90 | |
| 36,059.50 | |
| 10,217.00 | |
| 30,206.00 | |
| 18,058.50 | |
| 415,605.40 | 1316821.7 |
| ########## | 3899803.6 |

30,K337:K341,K348:K350,K353:K362,K368:K385,K387,K391:K409,K416:K418,K425:K428,K431,K440,K443,K448,K454:

JCSBC
2-2-2016
Att.5.--200

JCSBC
2-2-2016
Att.5.--201

JCSBC
2-2-2016
Att.5.--202

JCSBC
2-2-2016
Att.5.--203

JCSBC
2-2-2016
Att.5.--204

JCSBC
2-2-2016
Att.5.--207

JCSBC
2-2-2016
Att.5.--211

**CLIENT:** **State of Kansas**
**Department of Administration**
**Division of Facilities Management**

Contact:

Mr. Dennis Buelt
Capitol Complex Safety Coordinator
Landon State Office Building
900 SW Jackson Street, Room 653
Topeka, Kansas 66612-2210
Tel: (785) 296-4142 Fax: (785) 296-3456

**PROJECT:** **Asbestos-Containing Materials Inspection**
**Docking State Office Building**
**Topeka, Kansas**

**ENVIRONMENTAL CONSULTANT:**

***APEX ENVIRONMENTAL CONSULTANTS, INC.***

Contacts:

Larry Rowe
Environmental Specialist

Lance Tomlin
Project Manager

Christopher S. Frey
Vice President

Address: 4800 College Boulevard
Overland Park, Kansas 66211
Tel: (913) 338-APEX Fax: (913) 338-2741
e-mail: apex@4apex.com

## 1.0 EXECUTIVE SUMMARY

During July and August, 1999, APEX Environmental Consultants (APEX), Inc. conducted a thorough inspection for asbestos-containing materials (ACM) at the Docking State Office Building (DSOB) located in Topeka, Kansas. Lance Tomlin and Larry Rowe, both APEX asbestos inspectors, performed the inspection of the facility. Both Mr. Tomlin and Mr. Rowe are Asbestos Hazard Emergency Response Action (AHERA) accredited asbestos inspectors, who have received training in accordance with the Environmental Protection Agency's (EPA) Model Accreditation Plan. Mr. Tomlin's AHERA accreditation number is 7ACT032299MOIMPR-181 and Mr. Rowe's is 7ME03319901I019. Copies of their certifications are located in Section Four of this report.

The DSOB was originally constructed during the 1950's. The building consists of 16 stories, including a sub-basement, basement, mechanical room (all of 13$^{th}$ floor), and an observation deck (14$^{th}$ floor). According to documentation provided by the Division of Facilities Management, DSOB is comprised of 519,095 net square feet. General construction of the building includes a structural steel skeleton with poured concrete floors. The air handling system underwent a major renovation during the 1970's, which included demolition of old ductwork and the addition of rooms for new air handling equipment. In addition, DSOB has also undergone several limited renovations since its original construction in order to accommodate changes in occupancy groups.

The intent of the inspection of DSOB was to compile accurate and complete information regarding the presence of ACM in the structure. Such information includes locations and quantities of known ACM. In addition to this report, APEX has prepared CAD drawings that identify the locations and quantities of ACM in DSOB. These drawings serve as supplemental, graphical documentation of the ACM in DSOB. This report and the



JCSBC
2-2-2016
Att.5.--227

drawings have been compiled for the State of Kansas, Department of Administration, Division of Facilities Management in accordance with the conditions specified in APEX's Unit Price Contract with the State of Kansas Division of Architectural Services.

The ACM inspection included visual inspection, sampling, material assessment, and laboratory analysis of samples. The following sections of this report detail the inspection methodology and results of the inspection, as well as provide recommendations for handling ACM in DSOB.

## 2.0 BACKGROUND INFORMATION

Asbestos is a generic term for a group of minerals that share fiber forming, flame resistant, and indestructible qualities. The word asbestos is derived from a Greek word meaning unquenchable or indestructible.

Throughout history, most asbestos has been mined from the earth. However, where erosion (wind, rain, flowing water) has acted, it may be found on the earth's surface. Asbestos mines are not limited to any one location; they are found all over the world.

Historical evidence has shown that asbestos has many uses. Archaeologists have found that asbestos was present in sod homes built in Finland; it was used as lamp wicking, in plaster statues, and in burial clothes of kings. In medieval times, asbestos cloth was used for insulating suits of armor. King Charlemagne even had robes made of asbestos and Pope Pius IV attempted to develop an "everlasting" asbestos paper to record the written word.

It was not until the start of the 20th century and the advent of modern technology, that the benefits of asbestos gained significant strides in commercial applications. It was then that

asbestos was found to be useful for electrical, acoustical and thermal insulation and in products that resist fire, friction, and chemicals.

*Modern Day Uses*

The industrial revolution, the advancement of technology, the influence of WWI and WWII, and the population "boom" all contributed to a sharp increase in the construction and production industries in the U.S. The low cost and abundance of asbestos coupled with its indestructible and insulating properties, made asbestos an ideal material for our country's building and production needs.

New building construction and renovations to existing buildings relied heavily on the use of asbestos-containing products. Applications varied greatly. Asbestos may be found on ceilings, walls and floors, in plasters, pre-formed tile, coverings on boilers, furnaces, ductwork and piping, woven cloth for curtains, gloves and aprons, in chemistry labs, in electrical wiring, and cement products.

The benefits of asbestos-containing products have been widely recognized in the work place in the 20th century. The work place takes many forms, from public and private buildings and schools, to offices and industry. Each work place had its own special asbestos needs. To fulfill these needs, many asbestos-containing products were developed. Plasters, fireproofing, gaskets, transite pipelines, storage tank insulation, transite panels for water cooling towers, filters for liquids and gases, and power generator insulation are just a few.

*Health Concerns*

Asbestos materials have been widely used in the construction trade for many years because of properties that make them strong, durable, and provide good insulation. These products became widely used before the health effects were fully understood. Asbestos was not seen as a hazard because it has no taste, no odor, often cannot be seen, and causes

no immediate adverse health effects. Health problems develop over time. The latency period is the time from exposure to the development of disease, and can be as long as 20-40 years. Historical evidence indicates that asbestos was long suspected of causing illness, but this evidence was not conclusive.

The application of modern medical technology has produced clinical evidence to support these early suspicions. The increase in use of asbestos and occupational exposures resulted in a dramatic rise in asbestos-related illnesses. Medical studies have shown that there is a direct relationship between asbestos disease and the amount and length of exposure.

Asbestos fibers can enter the body two ways: by inhalation (breathing) or ingestion (swallowing). Asbestos cannot enter the body through the skin. The body's defenses have the ability to trap and expel many of the particles in the air we breathe. As the level of airborne fibers increases, so does the chance that asbestos fibers will bypass these defenses. Asbestos fibers are indestructible once inside the body.

Once past the body's defenses, there are a number of illnesses that may develop including asbestosis, mesothelioma, lung cancer, and other cancers. In order to be a health risk, asbestos fibers must be released from the material and be present in the air for people to breath. The composition of the asbestos-containing material will influence fiber release. When a material is easy to crush or crumble with one’s hand when it is dry, it is referred to as friable. The greater the friability, the greater the likelihood that fibers will be released.

Personal and family health history and lifestyle must be considered when evaluating the risk of the development of asbestos-related illnesses. For example, asbestos exposure and cigarette smoking together have been shown to greatly increase the risk of lung cancer than each do separately.

When asbestos exposure is possible or unavoidable, respirators should be used, and may be required, depending on the level of airborne fibers. The chance of breathing asbestos fibers is greatly reduced (or eliminated) by using appropriate respiratory protection. Some respirators use special filters to trap fibers; others supply the user with clean air from tanks or from outside the work area. Some work situations may call for additional protective equipment, such as coveralls, gloves, goggles and foot coverings.

*Fiber Release*

Asbestos-containing products may be identified by content labels from the manufacturer, distributor, or installer. If these labels are not available, laboratory analysis should be performed on samples of the material in question. Facilities governed by regulatory requirements, such as schools, must locate and identify ACM. Once identified, a plan for managing the asbestos materials (the management plan) must be developed. Though not required for DSOB, APEX strongly encourages the development and implementation of a management plan or version thereof.

Asbestos fiber release may result from either day-to-day natural breakdown or accidental or intentional physical damage. Asbestos regulations established by the federal government and State of Kansas provide guidelines that control responses to fiber release situations. Given the above considerations, APEX recommends that the Division of Facilities Management inform building employees, building occupants, vendors and others, of the locations of ACM within DSOB. The general idea is that informed individuals are less likely to disturb ACM than those who know nothing about it.

## 3.0 ACM INSPECTION METHODOLOGY

The asbestos inspection of DSOB was performed in accordance with EPA asbestos inspection guidelines, utilizing the AHERA assessment, sampling, and analytical protocols (ref: 40 CFR 763). Survey criteria included a thorough inspection of the

interior and exterior of DSOB to identify suspect ACM. The survey also included a thorough review of available building plans to assist in determining the exact locations of ACM. Please note, however, that samples were not obtained from roofing materials, as invasive sampling causes damage to roofing systems and will likely void warranties on the roof.

Suspect materials were divided into three categories, in accordance with EPA sampling protocol. These categories consist of surfacing materials, thermal system insulation (TSI), and miscellaneous materials. EPA categorizes these materials in the following manner:

Surfacing Material: A material in a building that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

TSI: Material applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior mechanical components to prevent heat loss or gain, or water condensation, or for other purposes.

Miscellaneous Materials: Interior building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include surfacing or TSI materials. Many suspect materials commonly found on the exterior of buildings are also included in this category, such as roofing materials, asbestos cement board (transite), etc.

Suspect materials were grouped together by homogeneous sampling areas. A homogeneous sampling area contains material that is uniform in texture and color and appears to be identical in every other respect. Building materials that were installed at different times or that do not appear to be similar in any other way are considered separate homogeneous materials/areas.

The number of samples collected was determined by EPA (AHERA) protocol. According to EPA regulations, the following *minimum* number of samples are required to be collected for each homogeneous material identified:

*Surfacing Materials*

| **Size of Sampling Area** | **Minimum Number of Samples to be Collected*** |
|---|---|
| Less than 1,000 sq. ft. | 3 |
| Between 1,000 and 5,000 sq. ft. | 5 |
| Greater than 5,000 sq. ft. | 7 |

*Thermal System Insulation*

| **Size of Sampling Area** | **Minimum Number of Samples to be Collected*** |
|---|---|
| Greater than six sq. or lin. ft. | 3 random |
| Less than six sq. or lin. ft. | 1 random |
| Patched area (less than six sq. or lin. ft.) | 1 random |

*Miscellaneous Materials*

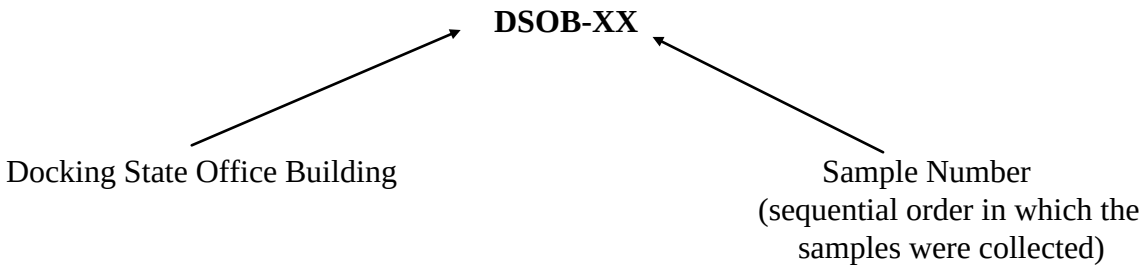
| **Size of Sampling Area** | **Minimum Number of Samples to be Collected*** |
|---|---|
| Any size of sampling area | 1 random |

* If any one of the samples of a homogeneous material tests positive (> 1%) for asbestos fibers, the material is considered to be asbestos-containing. Also, general industry inspection guidelines generally recommend that more samples be collected of certain suspect materials, as determined necessary by the field inspector.

Sample locations were selected in a manner to ensure that they were representative of the homogeneous sampling area. When more than one sample of a homogeneous material was collected, the samples were distributed evenly throughout the sampling area (ref: EPA guidance publication *Simplified Sampling Scheme for Friable Surfacing Materials* -

EPA 560/5-85-030a-Oct., 1985). The inspector visually divided each sampling area into equal sections (grid-like pattern). For example, when five samples were required to be collected, the homogeneous sampling area was divided into five equal sections. One sample was then collected out of each of the sections to fulfill the sampling requirement for that particular material. By establishing a grid-like pattern, randomness in sample collection is assured.

Unique sample numbers were assigned to each bulk sample that was collected. The numbering scheme was simplified in order to minimize possible confusion in interpreting results. Please refer to the following sample numbering scheme when reviewing the bulk sample results:




Bulk samples of suspect ACM were sent to Schneider Laboratories, an independent NVLAP-accredited laboratory, for analysis. The samples were analyzed via polarized light microscopy (PLM) coupled with dispersion staining techniques in accordance with the method for the determination of asbestos in bulk material samples (ref: EPA 600/M4-82-20). For your information, the EPA considers a material to be asbestos-containing if it contains greater than one percent (1%) asbestos.

In addition to the collection of bulk samples from suspect ACM, several suspect materials were assumed (presumed, according to OSHA's definition) to be asbestos-containing. These included materials that had limited access, such that sampling was prohibited, or materials that would have sustained substantial damage due to the sampling process. Please note that under EPA (AHERA) regulations, an inspector is permitted to assume

that a suspect material is ACM, in lieu of sampling it. EPA/OSHA require assumed/presumed ACM to be treated as ACM.

The EPA considers the following materials to be non-suspect ACM, and consequently, they were not sampled:

- Glass
- Metal
- Concrete
- Brick
- Fiberglass
- Rubber
- Foam

## 4.0 RESULTS OF INSPECTION

Accessible areas/rooms were entered and inspected in order to identify ACM. Please note that crawlspaces underneath, and adjacent to, the building were not inspected since the scope of inspection work did not include these spaces. The data contained in this report has been compiled based upon visible and accessible materials. APEX did not perform selective wall/chase demolition in order to discern hidden areas of insulation and other suspect ACM. Without at least partial demolition to some walls/pipe chases and ceiling systems, 100% accuracy of the data contained herein is not possible. During the inspection, however, the heating, ventilation and air conditioning (HVAC) systems and water supply piping was traced to the best of our ability in order to minimize the chances of thermal system insulation being missed within wall/ceiling cavities.

A total of 142 bulk samples were collected from suspect ACM during the inspection. All of the suspect materials identified during the inspection are listed by material type and location on the Suspect Materials Inventory spreadsheets, located in Section Two of this report. The spreadsheets are comprised of eleven columns, each with specific information regarding a particular suspect material. The columns are defined in the following manner:

*Column 1*

**Floor** Indicates the floor on which the suspect material is found.

*Column 2*

**Location** Identifies the room, area, or location of the suspect material.

*Column 3*

**Materials** Identifies the suspect building material, based upon homogeneous sampling groups. Please note that the two-digit code listed with each material is a code used by APEX in identifying suspect material groupings.

*Column 4*

**Comments** Lists comments made by inspectors during the inspection that further describe each material inspected, such as color, size (if floor or ceiling tile), system, etc.

*Column 5*

**Size** Applicable only for thermal pipe insulation, this column identifies the outer diameter size of suspect material observed.

*Column 6*

**ACM?** Identifies whether the suspect material tested positive or negative for asbestos.

*Column 7*

**Sample #** Provides the sample number(s) for bulk samples collected for the particular homogeneous sampling area. These sample numbers can be cross-referenced with the bulk sample analytical results provided in Section Three of this report. Please note that if a material is listed as "assumed," then it is considered to be asbestos-containing.

*Column 8*

**Qty** This column identifies the approximate quantity of the given material for the specified location. Please note that quantities are not provided for the materials that tested negative for asbestos.

*Column 9*

**Unit** Unit of measure used in listing the quantity of each material. EA = each, LF = linear feet, SF = square feet.

*Column 10*

**Condition** Identifies whether the material was noted to be in good condition (G), damaged condition (D), or significantly damaged condition (SD). Please note that condition assessments were not performed for all of the non-ACM materials.

*Column 11*

**Cost** Provides an approximate abatement cost for the material, excluding a cost for a replacement. Please note that the cost is based on the current industry average for abatement of like materials. The cost may vary depending on the size of a particular abatement project. Also, please note that abatement costs were not provided for non-ACM materials.

As noted above, the bulk sample analytical documentation is located in Section Three of this report.

## 5.0 RECOMMENDATIONS

In order to comply with federal and State of Kansas regulations governing the disturbance, potential employee exposure, and proper disposal of ACM, APEX recommends that all ACM be properly addressed prior to the start of any renovation or maintenance activity that could possibly disturb ACM. Such ACM must removed by properly qualified firms and individuals.

When reviewing the Suspect Materials Inventory spreadsheets, please note the condition assessments in column 10. APEX recommends that the following courses of action be taken given the condition listed:

Good Condition (G): Maintain ACM in good condition. Periodically reinspect material to determine whether a change in condition has taken place.

Damaged Condition (D): Repair damaged portion(s) of ACM to an intact condition. Control source of damage where possible. Implement Operations and Maintenance

| | |
|---|---|
| | Program (described below). Periodically reinspect material to determine whether a change in condition has taken place. |
| Significantly Damaged Condition (SD): | Remove ACM as soon as feasible. Isolate room/area where damage is noted and only permit access to properly qualified and protected individuals. Replace ACM with non-asbestos material. |

Considering the likelihood that much of the ACM will remain in DSOB for many years into the future, APEX recommends that the Division of Facilities Management consider the development and implementation of an asbestos operations and maintenance (O&M) program to help manage the ACM within the building. O&M programs have proven to be quite successful in similar settings. The goal of an O&M program is to systematically control the asbestos-containing materials present in a facility. This program should remain in effect until all asbestos-containing materials have been removed. Key elements of an O&M program include:

a. Written Emergency Procedures:
A written O&M Plan includes step-by-step procedures outlining the exact course of action recommended in the event of an accidental disturbance of ACM.

b. Warning and Notification System:
An O&M Plan includes instructions for placing warning labels at all locations of asbestos-containing materials. The plan contains procedures for formally notifying employees, vendors, contractors, and others of the locations of ACM within the building. These two functions create an integrated, well-planned notification system. The intent is to provide information in accordance with OSHA's General Industry and Construction Asbestos Standards.

c. Recordkeeping System:
A thorough recordkeeping system accurately documents the actions in the plan and the status of the program.

d. In-House Materials Monitoring:
All asbestos materials should be routinely monitored and inspected for changes in material condition. Any change in the use of the ACM should be noted with appropriate control measures utilized.

e. Employee Training:
The O&M Program provides for awareness training of all employee groups who may come into contact with asbestos materials, particularly building services employees (e.g., maintenance personnel, janitors, custodians, etc.).

f. Asbestos Control Procedures:
Outline work procedures for trained staff members for the repair, limited removal, and clean-up of ACM.

**CLIENT:** **State of Kansas**
**Department of Administration**
**Division of Facilities Management**

Contact:

Mr. Dennis Buelt
Capitol Complex Safety Coordinator
Landon State Office Building
900 SW Jackson Street, Room 653
Topeka, Kansas 66612-2210
Tel: (785) 296-4142 Fax: (785) 296-3456

**PROJECT:** **Lead-Based Paint Inspection**
**Docking State Office Building**
**Topeka, Kansas**

**ENVIRONMENTAL CONSULTANT:**

***APEX ENVIRONMENTAL CONSULTANTS, INC.***

Contacts:

Blair Barnes
Senior Environmental Specialist

Lance Tomlin
Project Manager

Christopher S. Frey
Vice President

Address: 4800 College Boulevard
Overland Park, Kansas 66211
Tel: (913) 338-APEX Fax: (913) 338-2741
e-mail: apex@4apex.com

## 1.0 EXECUTIVE SUMMARY

During August and September, 1999, APEX Environmental Consultants (APEX), Inc. conducted an inspection for lead-based paint (LBP) at the Docking State Office Building (DSOB) located in Topeka, Kansas. Blair Barnes and Lance Tomlin, both APEX LBP inspectors, performed the inspection of the facility. Mr. Barnes and Mr. Tomlin have both been trained in accordance with the Environmental Protection Agency's (EPA) Model Lead Inspector Training program. Mr. Barnes' training certification number is 7ME10289903DIR007 and Mr. Tomlin's is 7ME10289903DIR006. Copies of their currentcertifications are located in Section Three of this report.

The DSOB was originally constructed during the 1950's. The building consists of 16 stories, including a sub-basement, basement, mechanical room (all of 13$^{th}$ floor), and an observation deck (14$^{th}$ floor). According to documentation provided by the Division of Facilities Management, DSOB is comprised of 519,095 net square feet. General construction of the building includes a structural steel skeleton with poured concrete floors. Most of the floors consist of large, open rooms. The air handling system underwent a major renovation during the 1970's, which included demolition of old ductwork and the addition of rooms for new air handling equipment. In addition, DSOB has also undergone several limited renovations since its original construction in order to accommodate changes in occupancy groups. Due to the multiple renovations, the building exhibits varying painting histories.

The intent of the inspection of DSOB was to compile accurate and complete information regarding the presence of LBP in the structure. The testing was performed on a variety of surface coatings including: paint; stains; and varnishes. Multiple building components were tested in all functional areas of the building, including testing of common areas and exterior components. In addition to this report, APEX has prepared CAD drawings that

identify the locations of LBP in DSOB. These drawings serve as supplemental, graphical documentation of the LBP in DSOB. This report and the drawings have been compiled for the State of Kansas, Department of Administration, Division of Facilities Management in accordance with the conditions specified in APEX's Unit Price Contract with the State of Kansas Division of Architectural Services.

The LBP inspection included visual inspection, sampling, and material assessment. The following sections of this report detail the inspection methodology and results of the inspection, as well as provide recommendations for handling LBP in DSOB.

## 2.0 BACKGROUND INFORMATION

Lead is a known health hazard. It is also a major potential public health risk. At greatest risk are children under the age of six because they are undergoing rapid neurological and physical development. Adults may also suffer various ailments from excessive lead in their blood. Excessive blood lead levels can seriously damage the brain and central nervous system. Overexposure to lead is one of the most common overexposures found in industry, with the potential for exposure occurring from numerous sources, such as paint pigments, automobile and industrial emissions, etc. In general populations, lead may be present at hazardous concentrations in food, water, and air.

Historically, lead was added to primers and paints to increase durability and prevent corrosion of steel structures. The use of lead-based paints was not necessarily restricted to steel structures, however, and as a consequence lead hazards in buildings come primarily from the presence of lead-based paints. The mere presence of lead-based paint does not constitute a hazard. Rather, the risk depends upon the location and condition of the paints, the potential for human exposure, and the way the painted surface is treated. Damaged paints and/or surfaces subjected to disturbance or abrasive action are more likely to release lead dust or debris, possibly resulting in exposure. In addition, chips from

damaged or deteriorated exterior paint can fall into surrounding soils, possibly resulting in contamination.

The following sections offer general guidance for managing and working around lead-based paints. Although targeted to facilities and maintenance personnel, they are applicable in any situation where lead-based paints are to be cleaned, removed, or repainted, as well as situations where damaged or deteriorated lead-based paints are encountered.

*Routes of Exposure*

Industries with particularly high potential exposures include: construction work involving welding, cutting, brazing, blasting, etc., on lead-painted surfaces; most smelter operations either as a trace contaminant or as a major product; secondary lead smelters where lead is recovered from batteries; radiator repair shops; and firing ranges. Oral ingestion may represent a major route of exposure in contaminated workplaces. Lead soldering usually does not represent an inhalation risk since controlling temperature of lead below 900°F (melting temperature = 621°F) is effective in controlling lead fuming. Most exposures occur with inorganic lead. Organic (tetraethyl and tetramethyl) lead, which was added to gasoline up until the late 1970s, is not commonly encountered. Organic forms may be absorbed through the skin, while inorganic forms cannot. Inorganic lead is not metabolized, but is directly absorbed, distributed and excreted. The rate depends on its chemical and physical form and on the physiological characteristics of the exposed person (e.g., nutritional status and age). Once in the blood, lead is distributed primarily among three compartments – blood, soft tissue (kidney, bone marrow, liver, and brain) and mineralizing tissue (bones and teeth). Absorption via the gastrointestinal track following ingestion is highly dependent upon presence of levels of calcium, iron, fats and proteins.

*Lead-Based Paint Management*

In most instances, lead-based paints can be managed in place as long as they remain in good condition. Such management includes cleaning up excessive occurrences of LBP chips and/or lead dust when found. In addition, preventive maintenance and periodic cleaning are valuable means to prevent deterioration of lead-based paints on surfaces and building components. Finally, such management requires that precautions be taken to avoid inadvertently disturbing lead-based paints in the course of routine maintenance, repair, or renovation work. If deteriorated or damaged lead paints are discovered, the surface should be repaired and repainted to restore the integrity of the paint film and control further deterioration of the paint. Corrective action for this problem might include removal of loose paint and dust, cleaning of the surface, and repainting to seal the surface. For interior surfaces, greater attention should be given to exposure control, cleanup, and confirmatory testing but, in any event, all of these activities must be conducted in accordance with applicable regulations and safety precautions, as described below.

*Worker Protection*

Any construction-type activity that may disturb a surface where lead is present (at any concentration) must be completed in accordance with OSHA's Lead Standard (29 CFR 1926.62). Covered activities include renovation, maintenance, repair work, and repainting (other than routine, minor surface prep and repainting where no deteriorated paint is present). Certain tasks, particularly manual demolition of structures (i.e., drywall), dry manual scraping or sanding, heat gun applications, and abrasive blasting, are considered by OSHA to be higher-risk and require respiratory protection for workers until air monitoring proves exposures are below the Permissible Exposure Limit (PEL). Please note that, even for tasks other than the so-called "trigger tasks" described above, the employer must prove (through monitoring or previous data) that workers are not being exposed above the PEL. Unfortunately, there is no solid correlation between the concentration of lead on a surface and the amount of airborne lead that may be created by

disturbance of the surface. The level of protection and/or precautions used will be dictated by each individual project. However, each worker should be aware of and be protected from potential lead exposures and should understand the need for proper work practices and hygiene when working with surfaces that may contain lead.

*Cleanup*

Once a maintenance or repair activity is complete, cleanup becomes the most important part of a project. Lead cleanup activities must be conducted in accordance with OSHA's Lead Standard, particularly the worker protection and hygiene provisions. As a general rule, plastic sheeting, burlap, or other appropriate material must be used to contain lead dust, paint chips, and debris. Great care must be taken to clean up any dust, paint chips, or debris that may remain once the containment material is picked up. In some cases, vacuuming with a HEPA vacuum or wet washing may be necessary to clean up the work area. Similar cleanup practices should be employed at buildings or other locations where lead-based paint is damaged or visibly deteriorated and falling onto surrounding soils.

*Waste Handling*

Waste generated during a project including, but not limited to, paint chips, stripped paint residue, protective clothing, and/or plastic sheeting, must be collected for disposal and (unless tested and proven non-hazardous) be handled as hazardous waste. Certain regulations may also apply to disposal of painted building components such as doors, trim, windows, baseboards, soffits, railings, moldings, or other building materials.

*Other Concerns*

As a general rule, each lead maintenance, renovation, demolition, or abatement project should be evaluated for several concerns in addition to those identified above. These include impact on nearby workers (i.e., noise, odors, vibration, etc.) and life-safety concerns (e.g., means of egress and effect of dust on smoke detectors). In addition, projects completed in housing or office areas may have specific tenant notification

requirements that must be followed. Project-specific conditions may require additional or alternate work practices.

## 3.0 LBP INSPECTION METHODOLOGY

Both the interior and accessible portions of the exterior of DSOB were inspected in order to determine the presence of lead in paint. Rooms/areas were selected on a random basis for testing, as necessary, in order to determine homogeneous areas of paint. Individual test locations were also randomly selected in an attempt to adequately characterize the painting histories of each component type (e.g., walls, window sills, door casings, etc.).

Testing was accomplished through the use of a portable RMD LPA-1 Spectrum Analyzer (Serial No. 1442). This device utilizes x-ray fluorescence (XRF) technology and is fully accepted and recommended by the Department of Housing and Urban Development (HUD) and the Environmental Protection Agency (EPA) for lead testing operations. Through XRF technology, HUD and EPA consider a surface coating to be lead-containing (or positive) if the concentration of lead is equal to or greater than 1.0 $mg/cm^2$. Please be advised, however, that under 29 CFR 1926.62 (the Lead Standard), the Occupational Safety and Health Administration (OSHA) does not specify a minimum concentration of lead in a painted surface for it to be considered a potential hazard. OSHA's general interpretation of 29 CFR 1926.62 requires that employers comply with the standard when lead is present at *any* concentration.

In accordance with the manufacturer's recommendations and standard industry protocol, field calibration checks of the XRF were performed at the beginning of each shift of testing and upon completion of testing. Additional calibration checks were conducted randomly during the field-testing operations. At a minimum, these calibration checks occurred at least once every four hours of testing. Calibration checks were performed through a series of three tests on a paint film standard. During the entire survey of

DSOB, the results of the calibration checks indicated that the XRF unit was calibrated in accordance with the manufacturer's standards.

## 4.0 RESULTS OF INSPECTION

As described in the Executive Summary, varying painting histories were observed inside of DSOB as the result of multiple, limited renovations that have occurred since its original construction. Despite this fact, a relatively small amount of LBP was identified during the inspection. A total of 1,088 assays (tests) were taken during the inspection, including the calibration checks. Of these 1,088 assays, 81 indicated a level of lead equal to or greater than 1.0 $mg/cm^2$, the action level established by HUD and EPA. The general component groupings that tested positive for the presence of lead at or above 1.0 $mg/cm^2$ include the following:

- Metal Electrical Boxes: Found on each floor, these electrical boxes are mostly painted gray, but in limited instances, orange or blue paint was noted.
- Stair Components: In each of the main stairwells, positive readings were obtained on metal handrails, posts, stringers, and baseboards.
- Miscellaneous Piping: In the boiler room and sub-basement, positive readings were noted on some of the painted piping, mostly gas supply lines.
- Caution-Painted Items: In several areas of the building, caution paint was found to be lead-containing. The paint colors varied from yellow to red to orange. This paint is found on concrete (striping and other caution markings), doors, catwalk poles in sub-basement, and limited other components.
- Miscellaneous Doors: Very few doors tested positive for lead. These were found in the sub-basement (painted red or yellow), in the kitchen in the

basement (painted blue), and the door casing leading to the roof on the 12th floor (painted red).

- Exterior Handrails: Painted brown or red, adjacent to the building.
- Miscellaneous Components: Only a few other components tested positive for lead. These include a tray conveyer in the kitchen and a painted elevator motor.

Please refer to the attached inspection reports found in Section Two of this report for detailed results and locations for all of the readings obtained during the inspection. The inspection reports are comprised of four sections:

- Sequential Report - lists results in order of testing;
- Summary Report - only lists results where paint tested positive or inconclusive for lead;
- Detailed Report - lists the results on a room-by-room and an area-by-area basis; and,
- Distribution Report - list results on a component-by-component basis.

The room numbers correspond to the drawings provided with this report. Also, the exact locations of the positive lead readings are identified on these drawings.

The inspection reports include ten columns, each listing unique characteristics found during the inspection for a given test location. Please utilize the following guide for interpretation of these results:

*Column 1*
**Reading No.** Indicates the assay (test) number.

*Column 2*
**Wall** Identifies the wall where the test was performed (or closest wall in some instances), either wall A, B, C, or D. Wall A is the wall that is parallel to

the address side of the building. From there, the other alls (B, C, and D) are determined in a clockwise manner.

*Column 3*
**Structure** Identifies the component on which the test was obtained.

*Column 4*
**Location** U = Upper portion/section of the component.
L = Lower portion/section of the component.
Lft = Left side, when facing the component tested.
Ctr = Center, when facing the component tested.
Rgt = Right side, when facing the component tested.
Each of the above descriptions may also be used in column 5.

*Column 5*
**Member** Provides additional distinguishable characteristics for the component tested. For instance, if a door jamb was tested, "door" would be listed under the structure column and "jamb" would be listed in this column.

*Column 6*
**Paint Condition** I = Paint is intact (good condition).
F = Paint is in fair condition.
P = Paint is in poor condition.

*Column 7*
**Substrate** Identifies the substrate over which the paint is found.

*Column 8*
**Color** This column identifies the color of paint tested.

*Column 9*
**Lead ($mg/cm^2$)** Identifies the concentration of lead found as a result of the test.

*Column 10*
**Mode** QM = Lead concentrations determined utilizing the XRF's Quick Mode function.
STD = Lead concentrations determined utilizing the XRF's Standard Mode function.

## 5.0 RECOMMENDATIONS

In order to comply with federal and State of Kansas regulations governing the disturbance, potential employee exposure, and proper disposal of LBP, APEX recommends that all LBP be properly addressed prior to the start of any renovation or maintenance activity that could possibly disturb it.

At the current time, federal regulations governing lead-based paint related activities include OSHA's Lead in Construction Standard, which governs protection of workers during work that intentionally or inadvertently impacts a lead-bearing material. OSHA regulations further require that *all* painted surfaces be considered lead-containing unless proven otherwise. Also on the federal level, the EPA regulates the disposal of lead-containing items through its Resource Conservation and Recovery Act (RCRA) regulations. At the state level, the State of Kansas only regulates LBP work activities in child occupied facilities (ref: KAR 28-72-1 through 28-72-22). A child-occupied facility is defined in these regulations as: "A building, or portion of a building, constructed before 1978, visited by the same child six years of age or under, on at least two different days within any seven consecutive days, if each day's visit lasts at least three hours and the combined weekly visits last at least six hours, and the combined annual visits last at least 60 hours. Child-occupied facilities shall include day care centers, preschools, and kindergarten classrooms." These regulations may apply to DSOB if any portions of the building are used for these purposes.

When reviewing the inspection reports, please note the condition assessments in column 6. APEX recommends that the following courses of action be taken given the condition listed:

| | |
|---|---|
| Intact Condition (I): | Maintain LBP in good condition. Periodically reinspect material to determine whether a change in condition has taken place. |

| | |
|---|---|
| Fair Condition (F): | Repair damaged portion(s) of LBP to an intact condition. Control source of damage where possible. Clean-up existing paint debris/dust and treat as contaminated. Periodically reinspect painted surface to determine whether a change in condition has taken place. |
| Poor Condition (P): | Stabilize painted surface as soon as feasible. Isolate room/area where damage is noted and only permit access to properly qualified and protected individuals. |

Since only limited amounts of LBP were identified during the inspection of DSOB, APEX does not recommend the implementation of a formalized, full-scale operations and maintenance program. We do recommend, however, that the Division of Facilities Management inform contractors and building service employees (e.g., custodians, maintenance staff, etc.) of the locations of known LBP. Considering that the LBP identified during the inspection was noted to be in good condition, APEX recommends that necessary efforts be taken in order to ensure that it is maintained in its current condition. If any of the LBP becomes damaged or if it is anticipated that any of it will be impacted, we recommend that a properly trained contractor or individual perform the work.

## 6.0 LBP REMOVAL COSTS

The costs for removal of LBP can vary almost as greatly as there are methods of removal. The following guidelines, however, can be applied to removal projects in order to determine a range for abatement costs. These costs assume the use of a licensed abatement contractor. Please note that while these costs assume full removal of a lead-bearing surface, interim controls are often much cheaper and sometimes more effective than full-scale removal. Interim controls include repairing loose or damaged paint to an

intact state, maintaining LBP in good condition, application of non-lead paint over the surface of LBP, etc.

*General Costs for LBP Removal*

Paint Removal

- Chemical Stripping .....$ 3.68 – 7.50 per SF
- Abrasive Blasting.....$ 2.10 – 17.00 per SF
- Hand Methods.....$ 0.72 – 14.00 per SF
- Mechanical Removal .....$ 1.05 – 9.90 per SF

Removal of Substrate Coated with LBP

- Demolition of Plaster.....$ 0.85 – 3.45 per SF
- Demolition of Drywall.....$ 0.80 – 3.00 per SF
- Door .....$ 55.00 – 150.00 EA
- Door Casing .....$ 70.00 – 180.00 EA
- Window.....$ 70.00 – 130.00 EA
- Window Casing.....$ 70.00 – 180.00 EA
- Baseboard, Chair Rail, Crown Molding.....$ 1.80 – 3.25 per LF
- HVAC Duct .....$ 4.00 – 14.00 per LF

Encapsulation of LBP .....$ 0.58 – 3.74 per SF

Enclosure of LBP.....$ 1.18 – 6.00 per SF

Removal of Lead-Contaminated Dust

- Interior Bare Floors and Horizontal Surfaces .....$ 2.00 – 4.00 per SF
- Carpet .....$ 6.00 – 8.00 per SF
- Exterior Concrete/Asphalt .....$ 2.25 – 4.25 per SF

Disposal of LBP Waste (Hazardous)*

- Per 55-Gallon Drum.....$ 800.00
- Per 20-Yard Container.....$ 4,000.00
- Per 40-Yard Container.....$ 5,000.00

* If waste is determined to be non-hazardous, then normal pricing for construction debris will apply.

# ASBESTOS CONTAINING MATERIALS

# DOCKING STATE OFFICE BUILDING

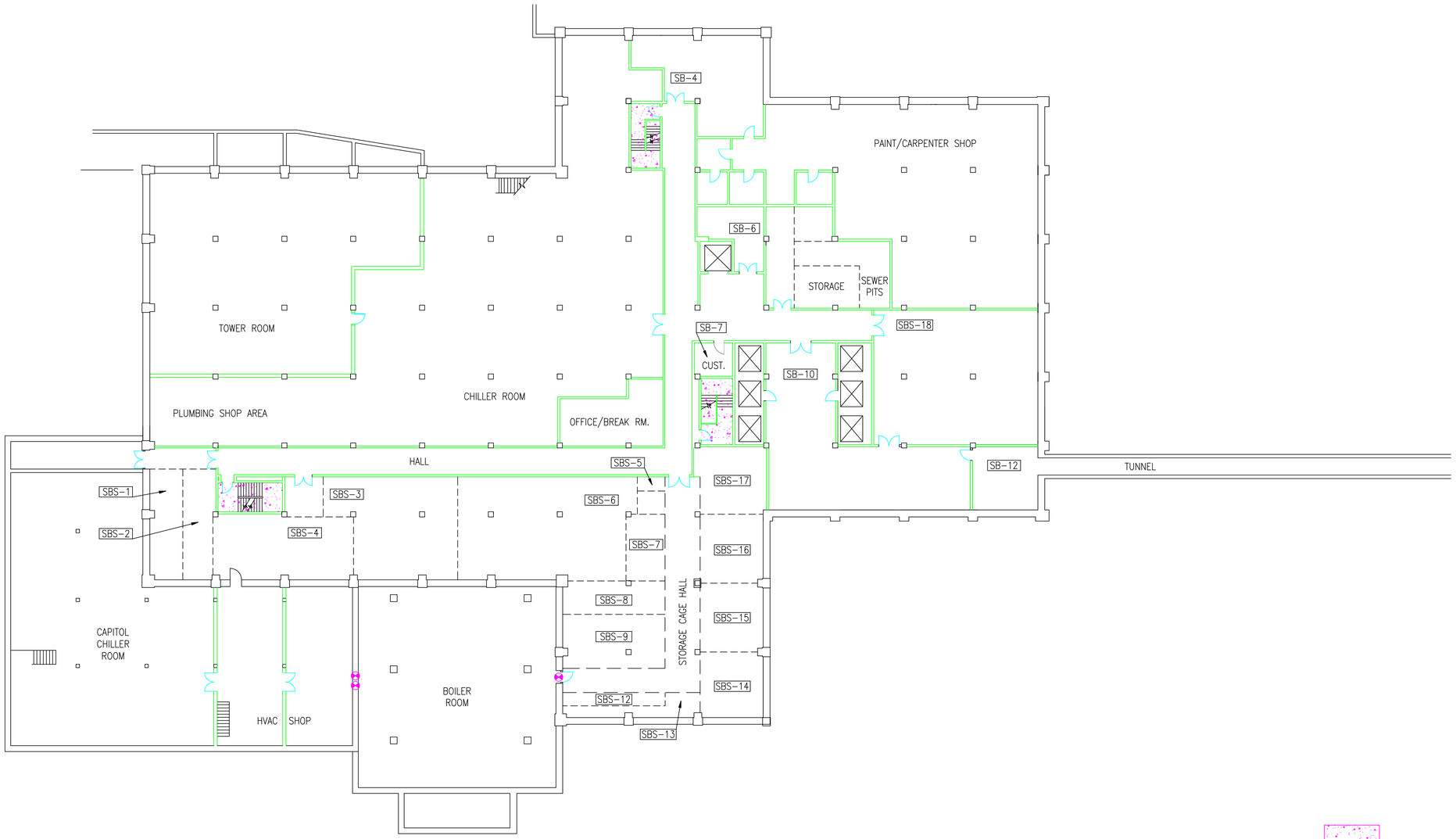
# INSP. BY APEX ENVIRONMENTAL CONSULTANTS, INC.

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

DOCKING STATE OFFICE BUILDING
ASBESTOS CONTAINING MATERIALS
COVER SHEET
SCALE : N/A
DATE : 11/24/99

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-CH

SHEET :




State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

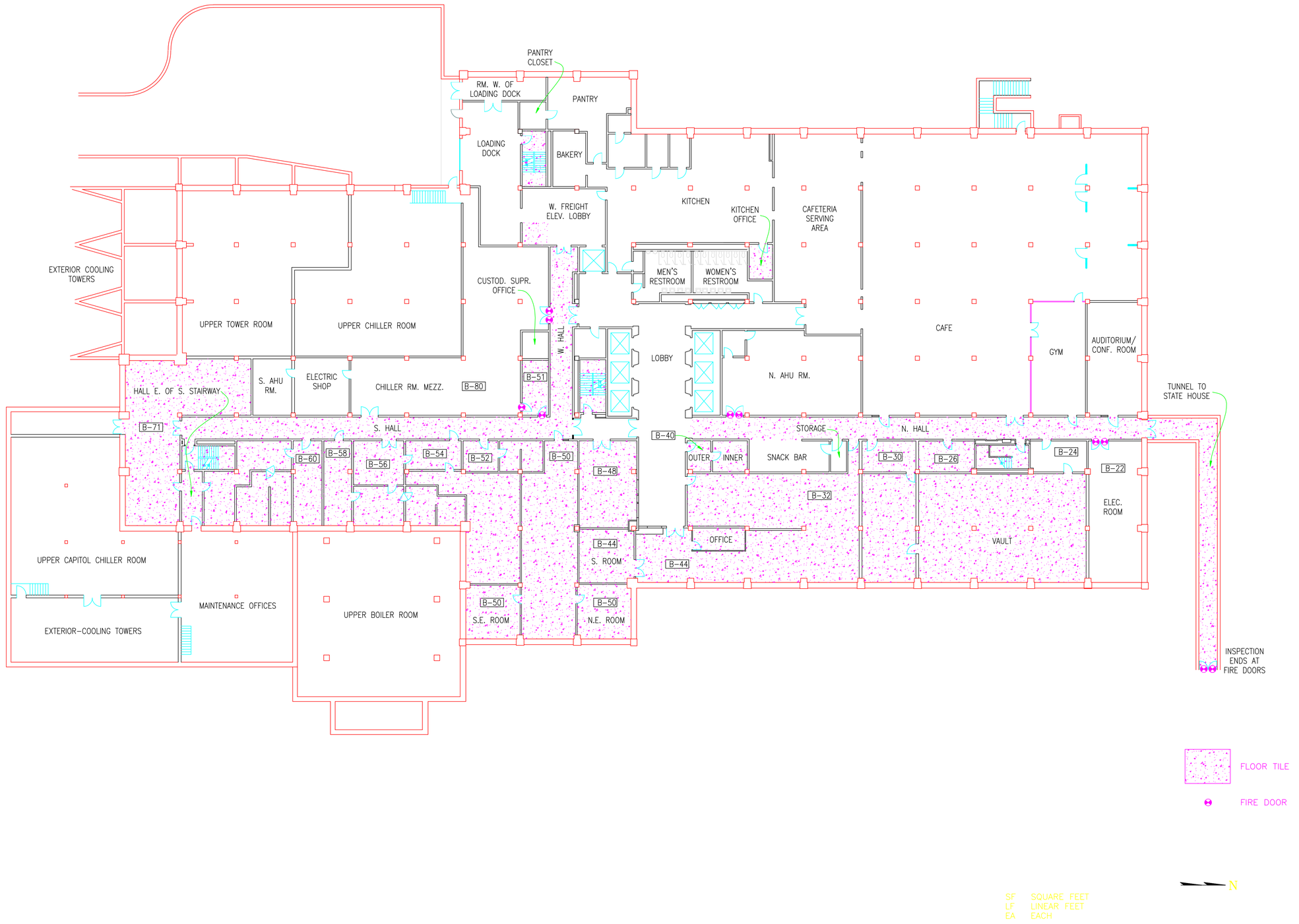
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS
## SUB-BASEMENT

SCALE : 1/16"=1'-0" DATE : 11/24/99

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-DP

SHEET : M1




State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

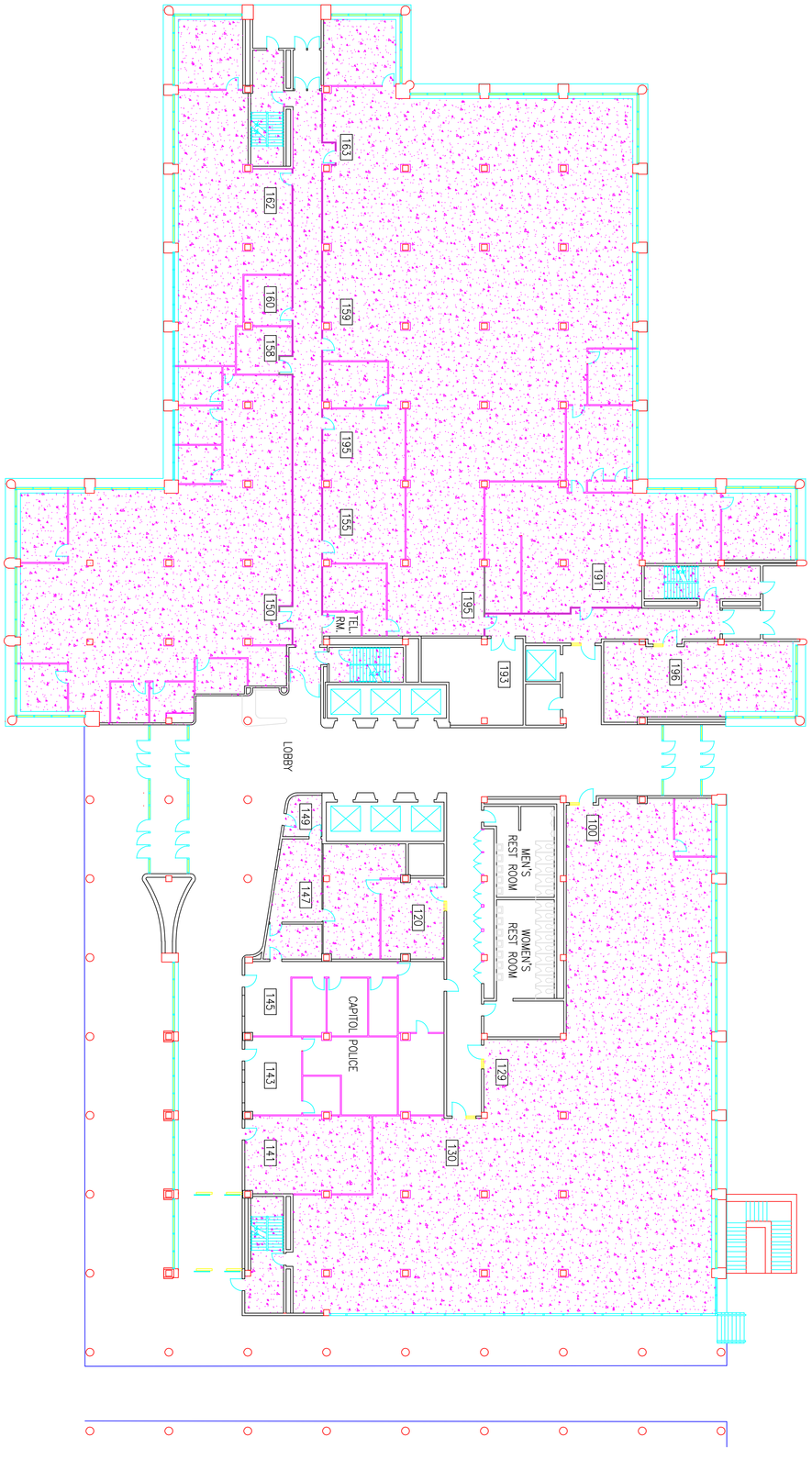
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS
## BASEMENT

SCALE : 1/16"=1'-0" DATE : 11/24/99

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-DP

SHEET : M2




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :
M3

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

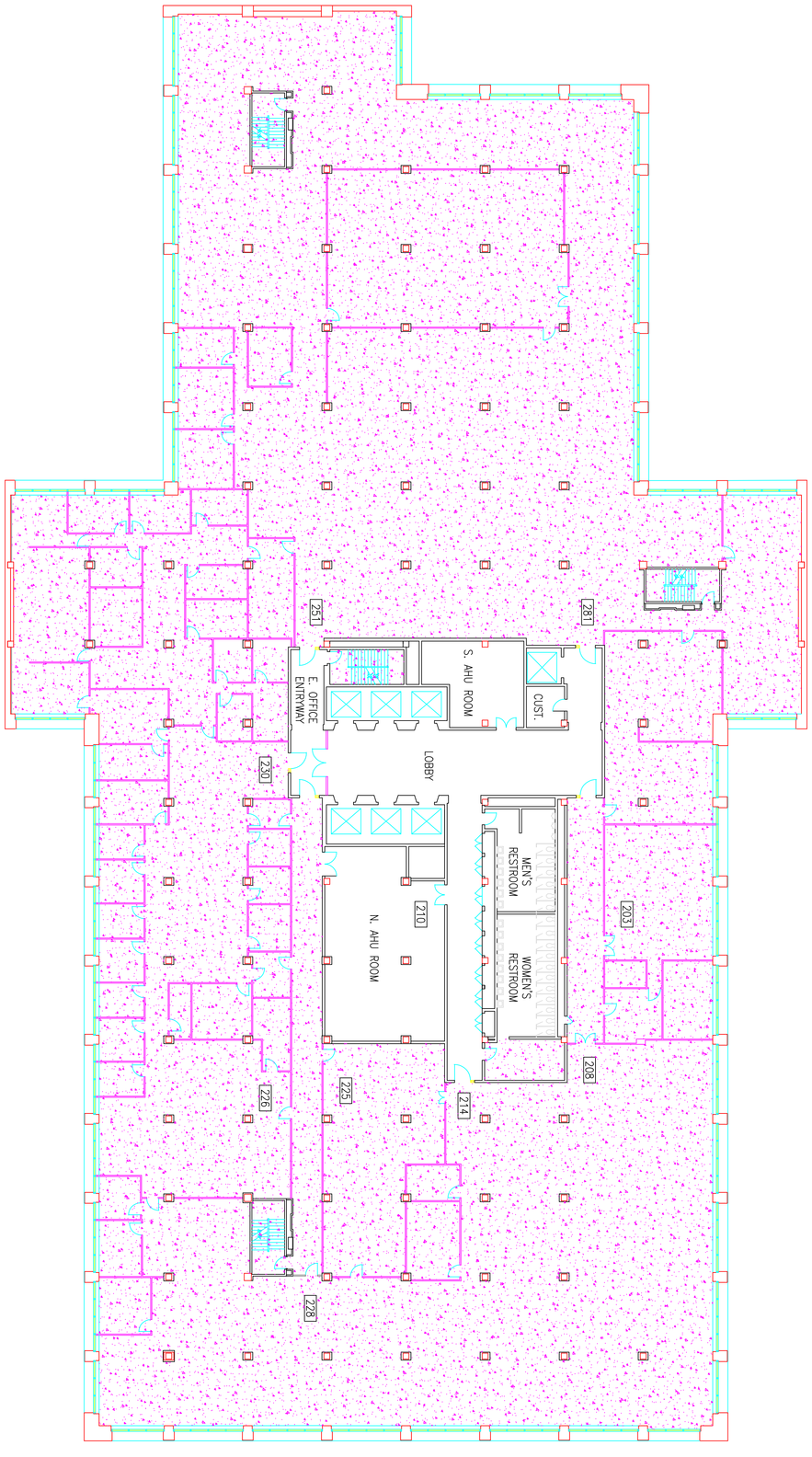
APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FIRST FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWC
2-2-2016
AR:5-257




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :
M4

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

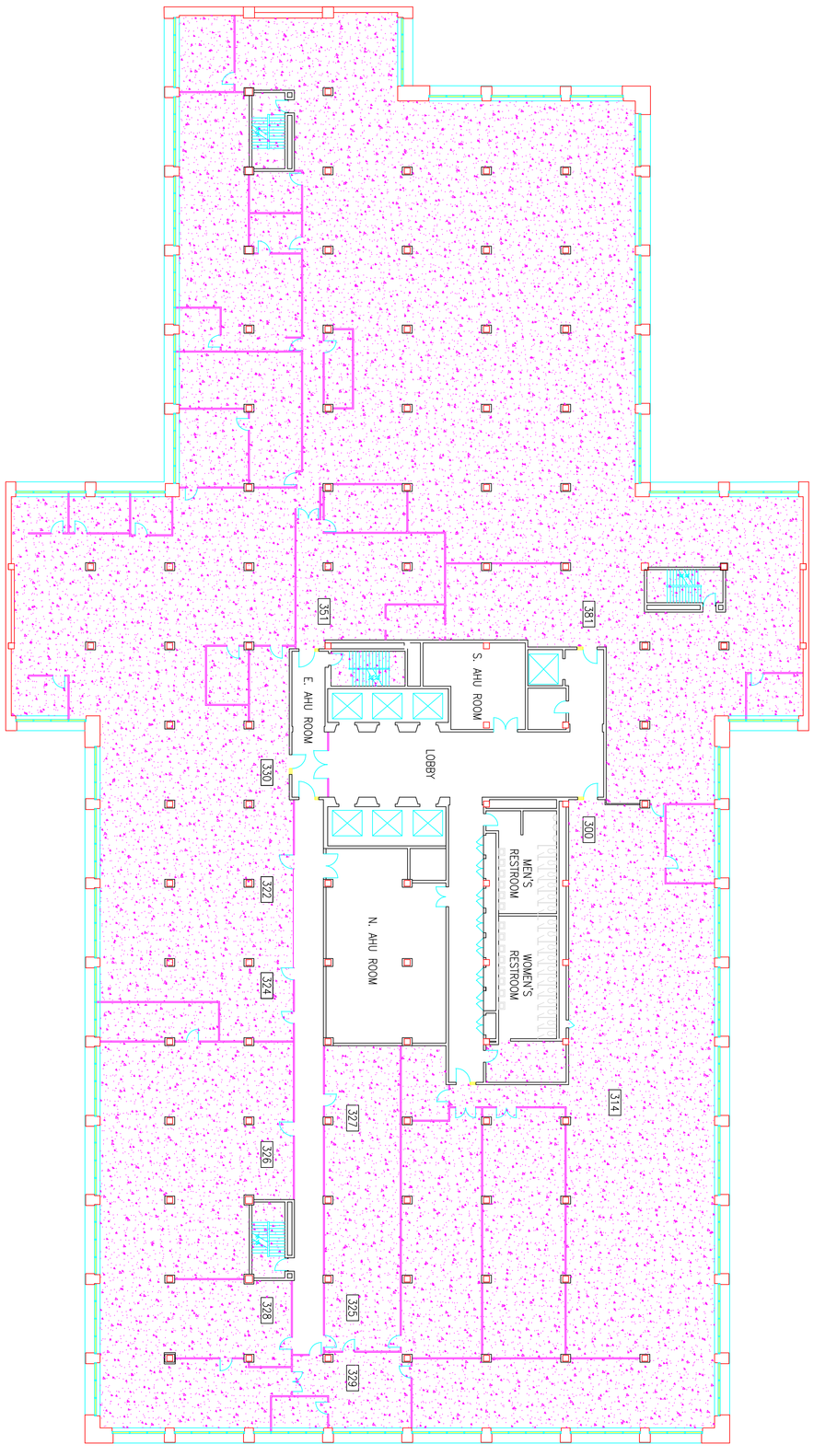
APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" SECOND FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWC
2-2-2016
AE1.5-258




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :
M5

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

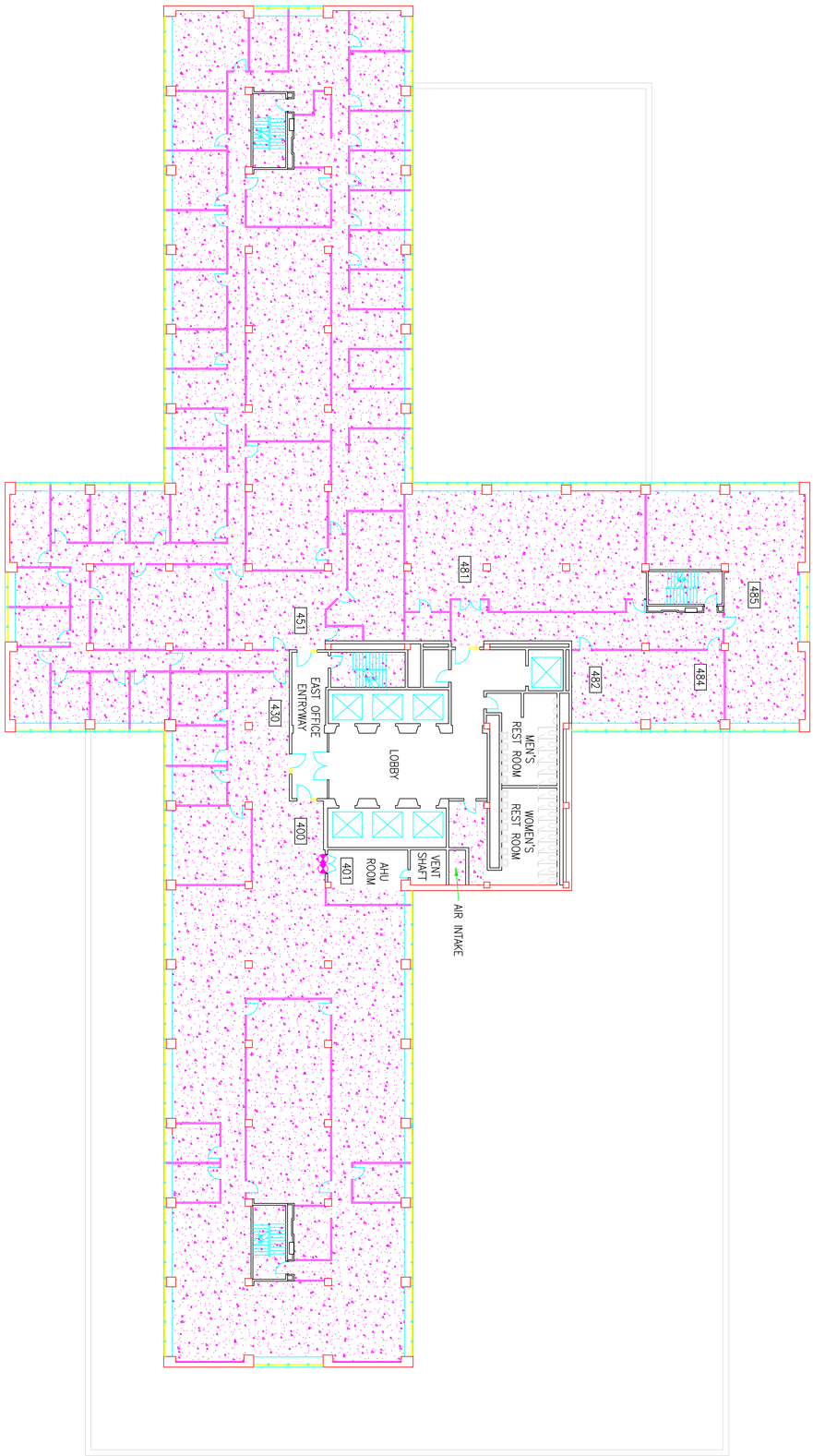
APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" THIRD FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNORC
2-2-2016
AR.5-259




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M6

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

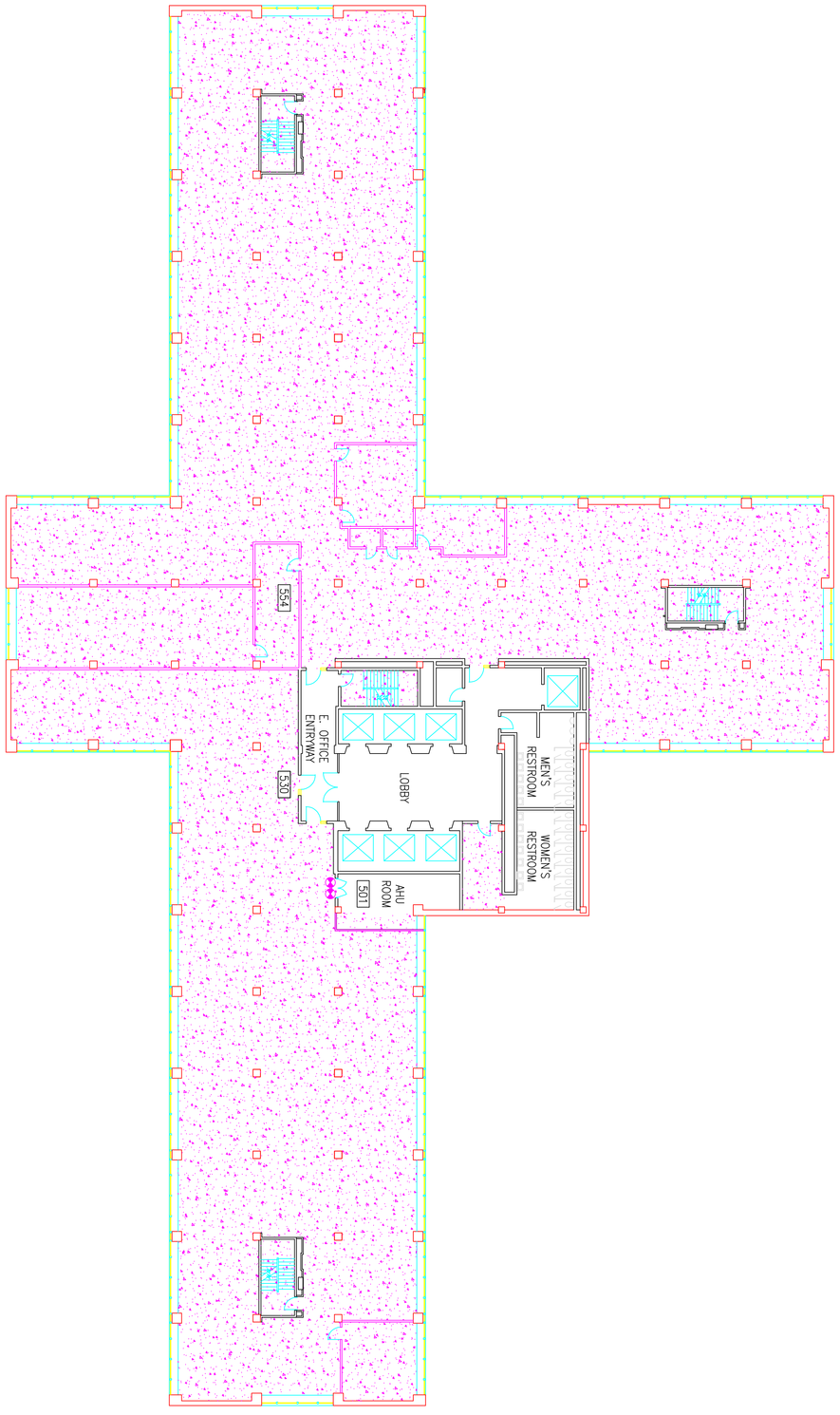
APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FOURTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

FNDWG
2-2-2016
AR:5-260




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M7

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

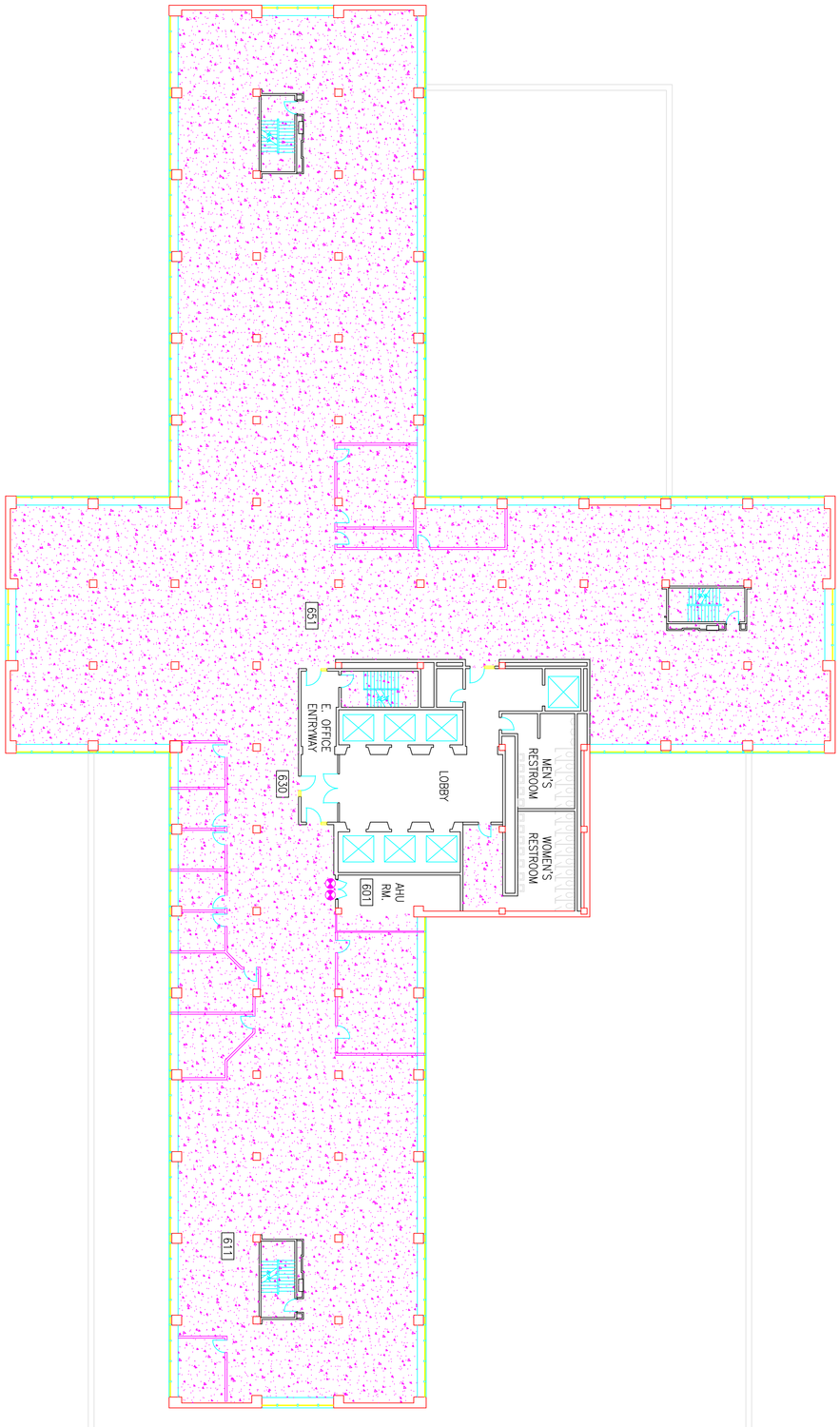
APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FIFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWN
2-2-2016
All-5-261




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M8

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

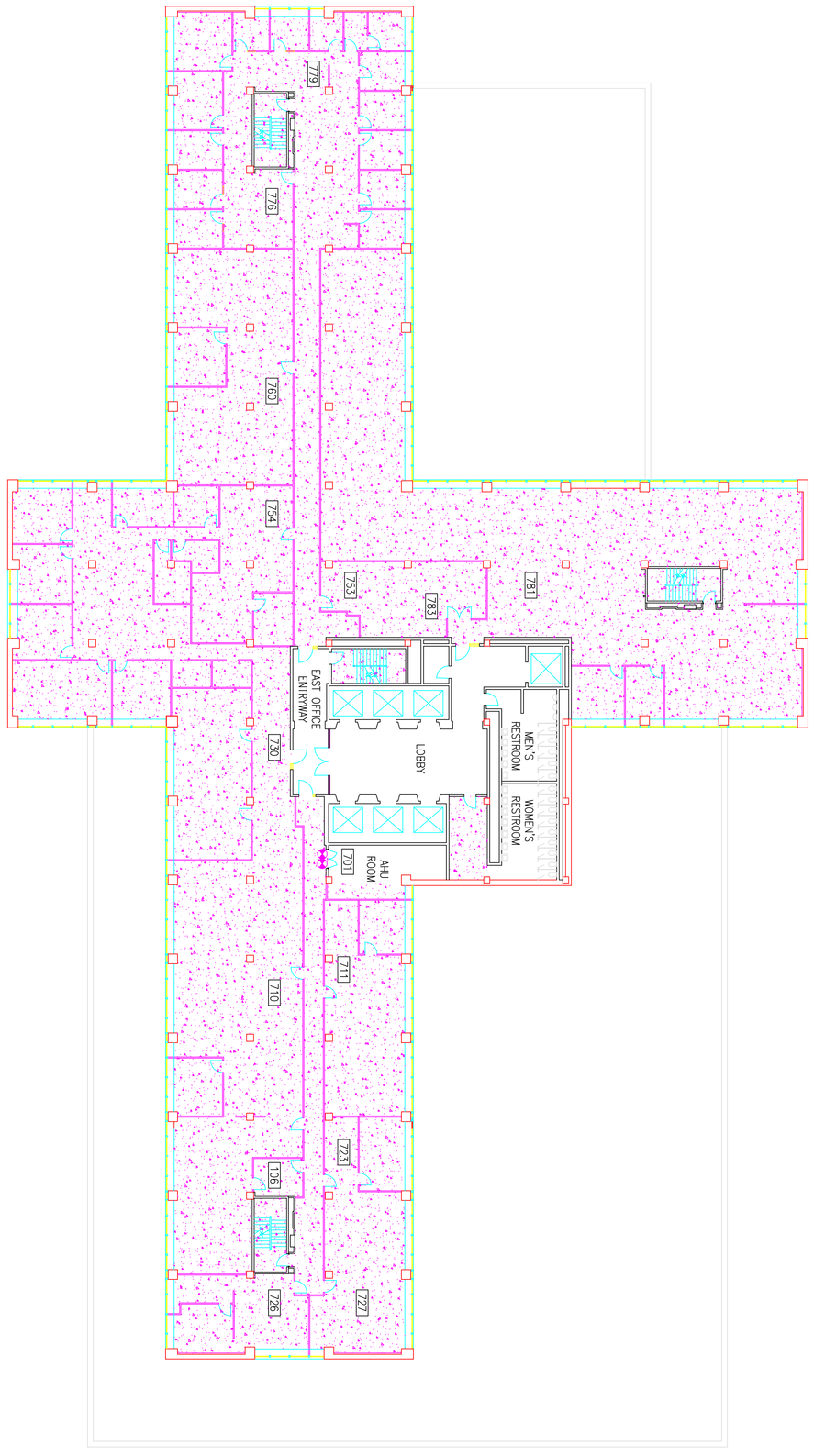
APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" SIXTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWC
2-2-2016
All 5.-262




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M9

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

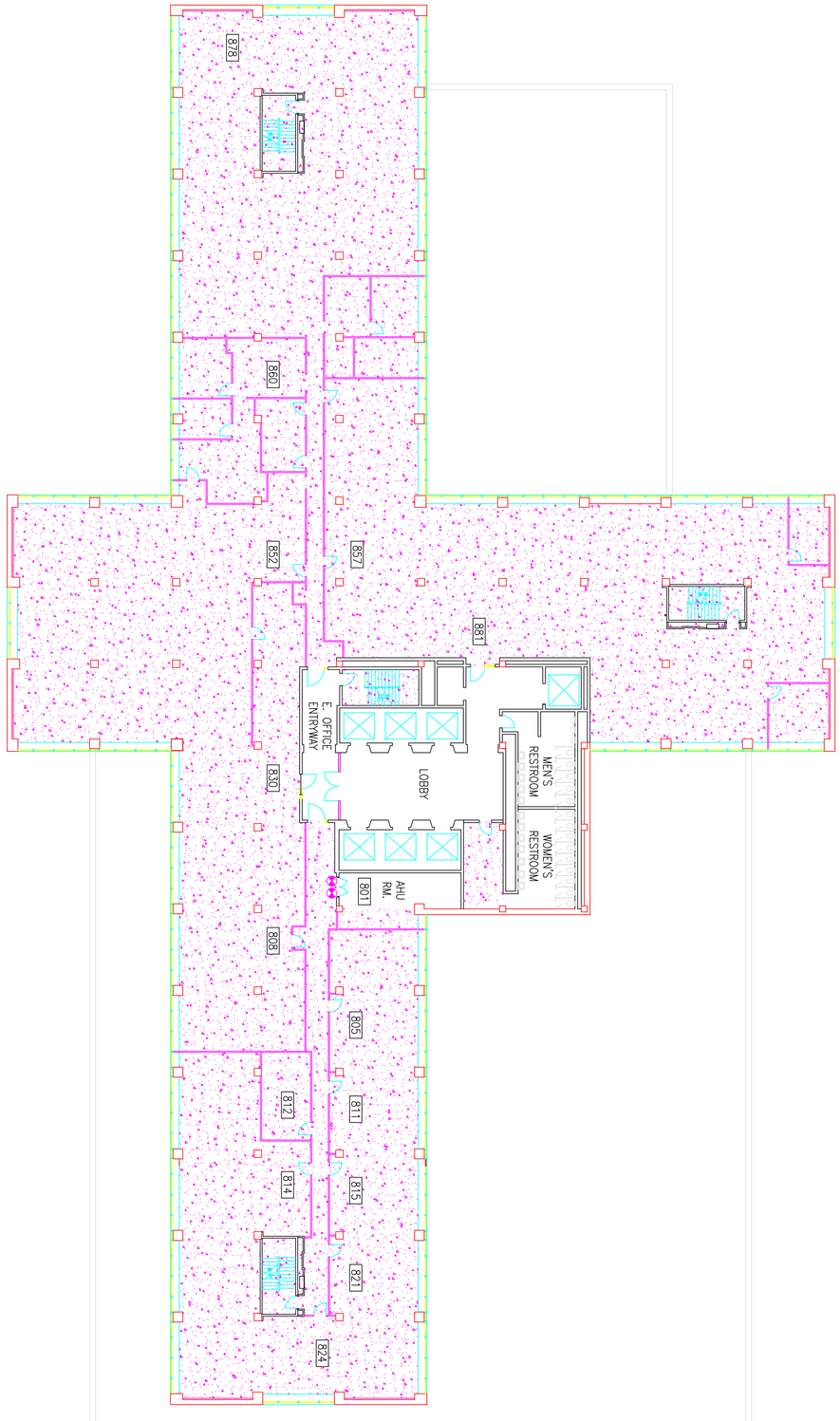
APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" SEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWC
2-2-2016
AE1.5-265




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M10

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

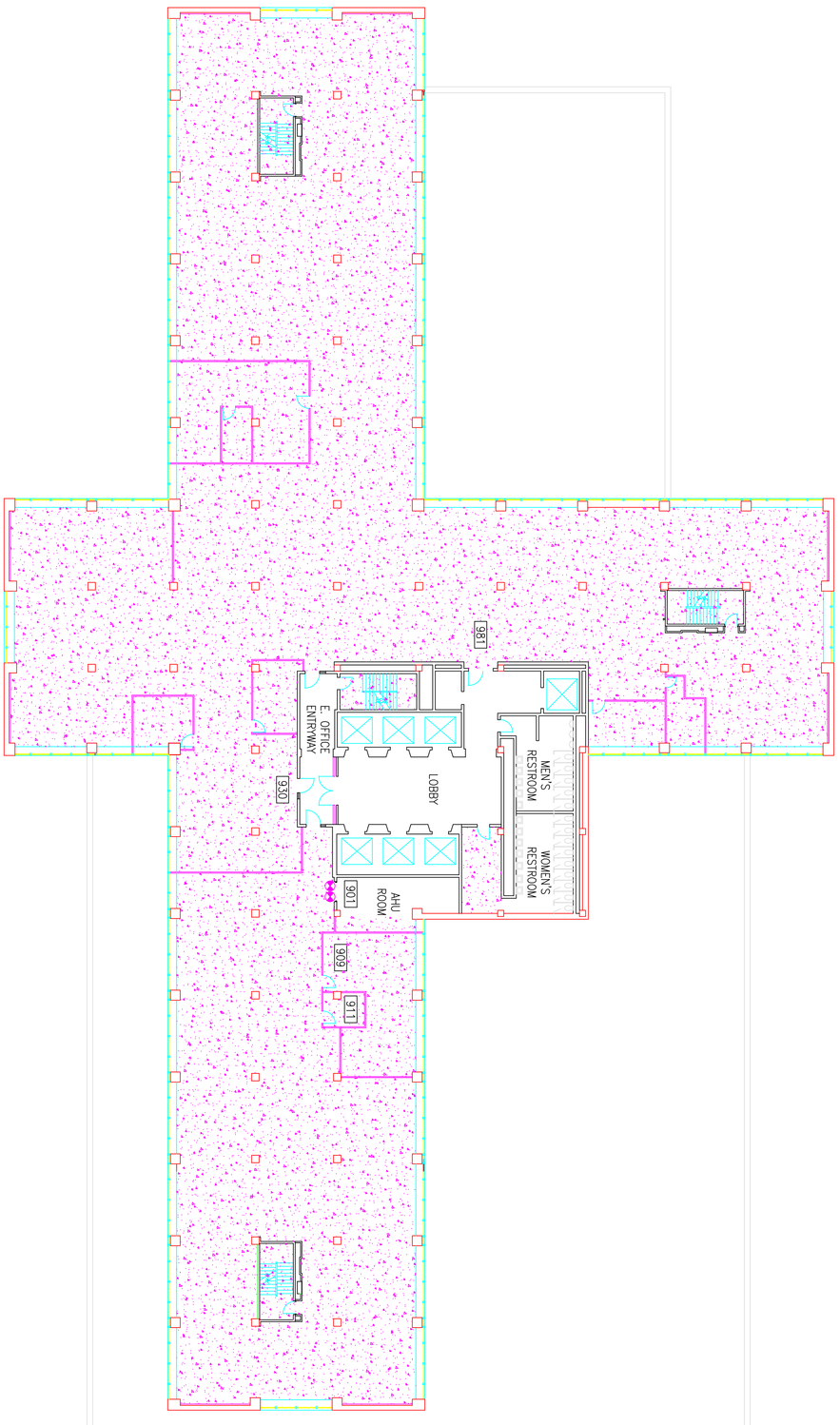
APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" EIGHT FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNORC
2-2-2016
All S--264




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M11

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

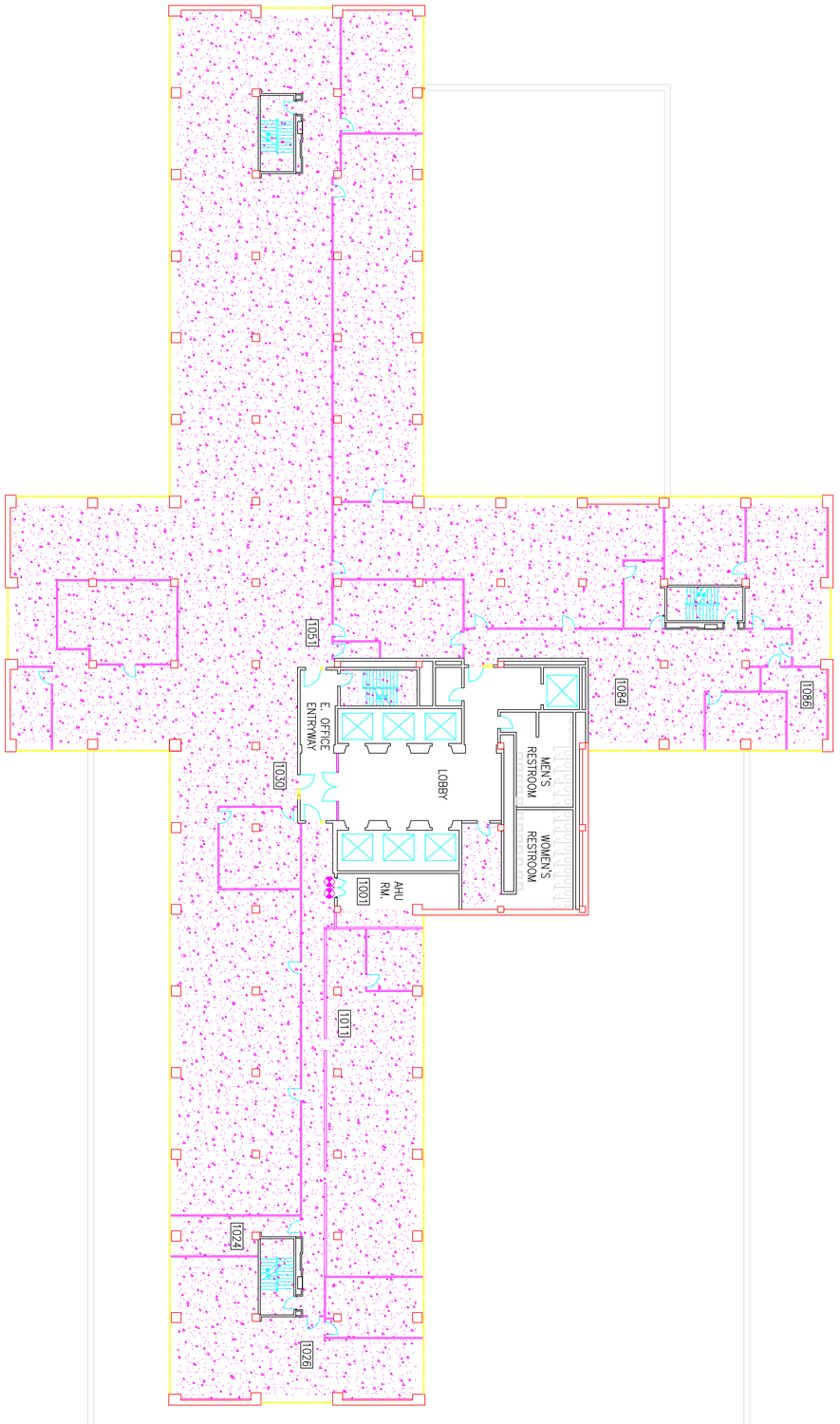
APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" NINTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWC
2-2-2016
AR:5-265




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M12

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

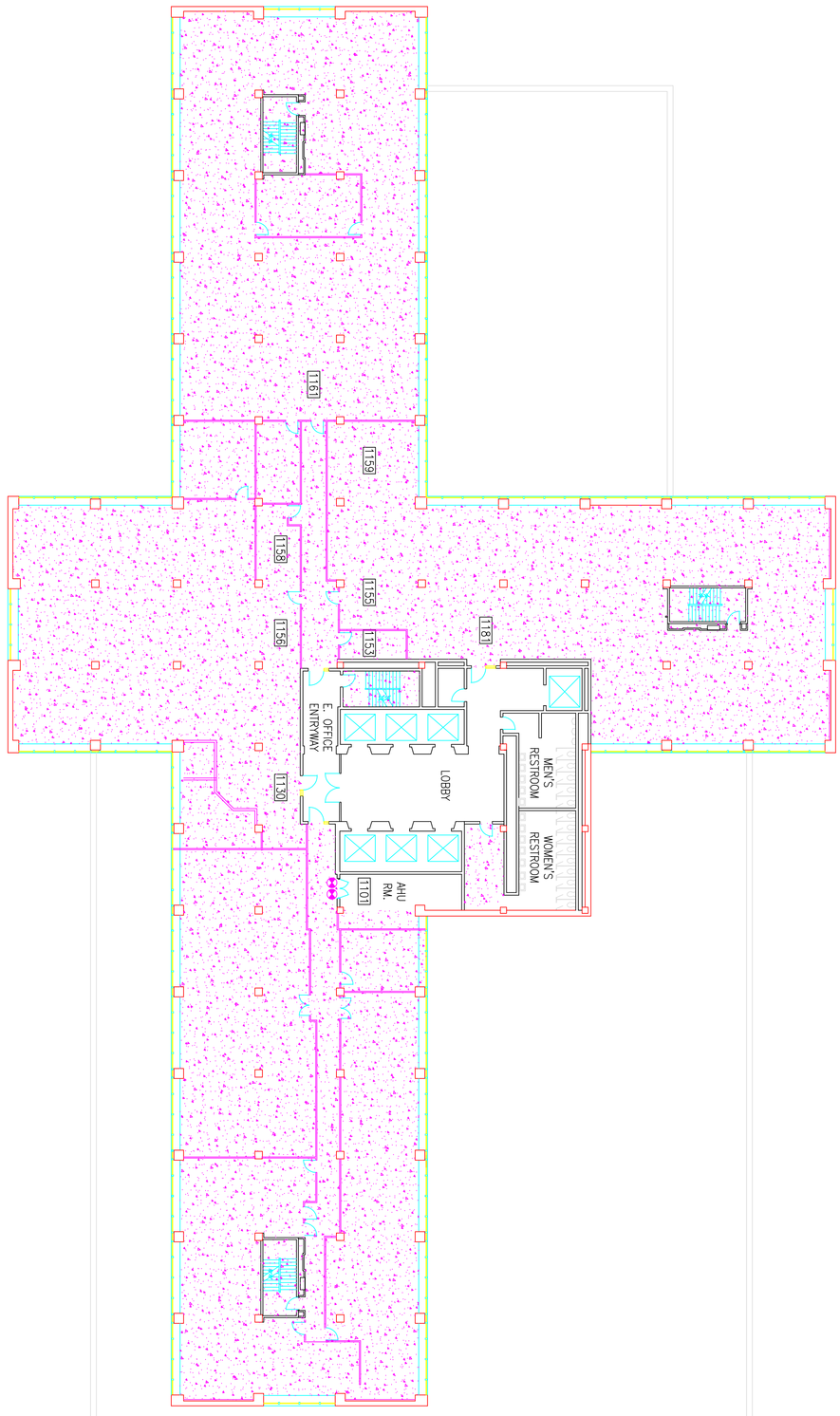
APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" TENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

JOBNO
2-2-2016
AR:5-266




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :
M13

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

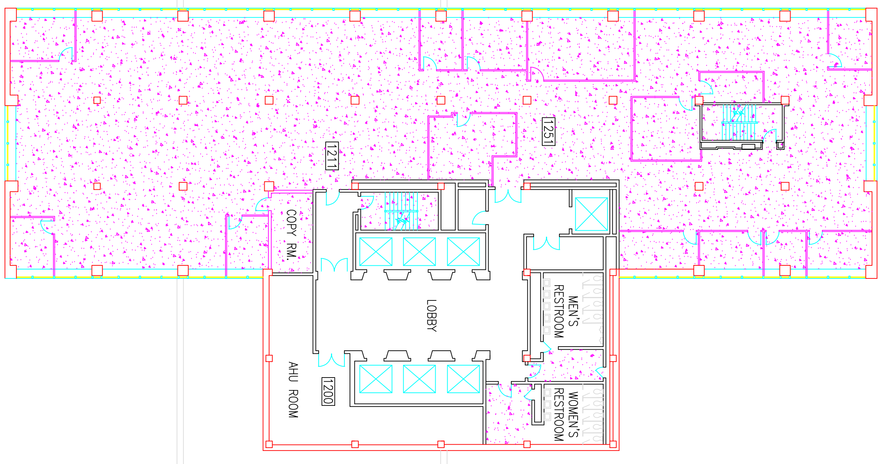
APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" ELEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOX
2-2-2016
AR:5-267




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :
M14

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

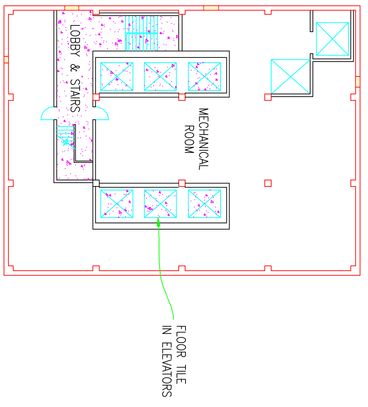
APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" TWELFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOX
2-2-2016
AE1.5-268




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :
M15

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

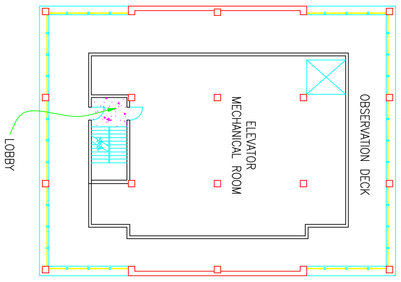
APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" THIRTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOX
2-2-2016
AR:5-269




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :
M16

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FOURTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

JOB NO.
2-2-2016
AE1.5-270

| ENTRANCE TO SBS-3/SBS-4 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 4" TSI FITTINGS | 2 EA |
| 2" TSI FITTINGS | 2 EA |
| 18" TSI FITTINGS | 4 EA |

| CAPITOL CHILLER ROOM | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 12" TSI LAGGING | 8 LF |
| 2" TSI FITTINGS | 30 EA |
| 8" TSI FITTINGS | 22 EA |

| SBS-1 | |
|---|---|
| ACM MATERIAL | |
| 4" TSI FITTINGS | APPROX. QTY. |
| | 1 EA |

| PLUMBING SHOP AREA | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 4" TSI LAGGING | 25 LF |
| 4" TSI FITTINGS | 4 EA |

| CHILLER ROOM | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| DUCT INSULATION | 400 SF |
| HEAT EXCHANGER INS | 100 SF |
| 4" TSI LAGGING | 75 LF |
| 4" TSI FITTINGS | 157 EA |
| 3" TSI FITTINGS | 68 EA |
| 3" TSI LAGGING | 185 LF |
| 8" TSI FITTINGS | 170 LF |
| 8" TSI LAGGING | 187 EA |
| 12" TSI FITTINGS | 200 EA |
| 18" TSI FITTINGS | 15 EA |
| 2" TSI FITTINGS | 16 EA |

| SBS-3 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 70 LF |
| 2" TSI FITTINGS | 15 EA |
| 8" TSI LAGGING | 30 LF |
| 8" TSI FITTINGS | 20 EA |
| 12" TSI LAGGING | 28 LF |
| 12" TSI FITTINGS | 3 EA |
| 4" TSI FITTINGS | 36 EA |
| 18" TSI FITTINGS | 2 EA |

| SBS-4 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI FITTINGS | 6 EA |
| 4" TSI FITTINGS | 1 EA |
| 18" TSI FITTINGS | 19 EA |

| TOWER ROOM | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| DUCT INSULATION | 350 SF |
| 2" TSI FITTINGS | 2 EA |
| 4" TSI FITTINGS | 3 EA |
| 8" TSI FITTINGS | 6 LF |
| 12" TSI FITTINGS | 4 EA |

| SBS-6 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 70 LF |
| 2" TSI FITTINGS | 7 EA |
| 8" TSI LAGGING | 62 LF |
| 8" TSI FITTINGS | 35 EA |
| 2" TSI LAGGING | 12 EA |
| 12" TSI FITTINGS | 6 EA |

| SBS-5 | |
|---|---|
| ACM MATERIAL | |
| 8" TSI FITTINGS | APPROX. QTY. |
| | 1 EA |

| SBS-7 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 12" TSI LAGGING | 25 LF |
| 8" TSI FITTINGS | 2 EA |

| SBS-8 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 4" TSI FITTINGS | 2 EA |
| 8" TSI FITTINGS | 8 EA |

| SBS-9 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 35 LF |
| 2" TSI FITTINGS | 5 EA |
| 4" TSI LAGGING | 102 LF |
| 4" TSI FITTINGS | 35 EA |
| 8" TSI LAGGING | 70 LF |
| 8" TSI FITTINGS | 15 EA |

| SBS-10 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 8" TSI LAGGING | 60 LF |
| 8" TSI FITTINGS | 12 EA |
| 12" TSI LAGGING | 50 LF |
| 12" TSI FITTINGS | 2 EA |
| 4" TSI FITTINGS | 6 EA |

| SBS-11 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 4" TSI LAGGING | 11 EA |
| 4" TSI FITTINGS | 38 EA |
| 12" TSI LAGGING | 40 LF |
| 12" TSI FITTINGS | 3 EA |
| 8" TSI FITTINGS | 38 EA |

| SBS-12 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 4" TSI LAGGING | 20 LF |
| 4" TSI FITTINGS | 11 EA |
| 8" TSI LAGGING | 30 LF |
| 8" TSI FITTINGS | 5 EA |
| 12" TSI LAGGING | 40 LF |
| 12" TSI FITTINGS | 4 EA |
| 18" TSI FITTINGS | 4 EA |

| TUNNEL | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 8" TSI LAGGING | 110 LF |
| 8" TSI FITTINGS | 4 EA |
| 12" TSI LAGGING | 110 LF |
| 12" TSI FITTINGS | 2 EA |
| 18" TSI FITTINGS | 8 EA |

| SBS-13 | |
|---|---|
| ACM MATERIAL | |
| 4" TSI FITTINGS | APPROX. QTY. |
| | 2 EA |

| STORAGE CAGE HALL | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 8" TSI LAGGING | 15 LF |
| 8" TSI FITTINGS | 8 EA |
| 12" TSI LAGGING | 5 LF |

| SBS-14 | |
|---|---|
| ACM MATERIAL | |
| 4" TSI FITTINGS | APPROX. QTY. |
| | 10 EA |

| SBS-15 | |
|---|---|
| ACM MATERIAL | |
| 8" TSI FITTINGS | APPROX. QTY. |
| | 15 EA |

| SBS-16 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 12" TSI LAGGING | 25 LF |
| 18" TSI FITTINGS | 2 EA |

| SBS-17 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 8" TSI LAGGING | 24 LF |
| 8" TSI FITTINGS | 28 EA |
| 12" TSI LAGGING | 18 LF |
| 12" TSI FITTINGS | 1 EA |
| 4" TSI FITTINGS | 2 EA |
| 18" TSI FITTINGS | 2 EA |

| SBS-18 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 4" TSI LAGGING | 4 LF |
| 2" TSI LAGGING | 4 LF |
| 4" TSI FITTINGS | 2 EA |

| OFFICE/BREAK RM. | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 14 LF |
| 4" TSI LAGGING | 14 LF |
| 4" TSI FITTINGS | 1 EA |
| 8" TSI LAGGING | 35 LF |
| 8" TSI FITTINGS | 1 EA |

| SB-6 CUSTODIAN STORAGE | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 29 LF |
| 2" TSI FITTINGS | 2 EA |
| 8" TSI LAGGING | 20 LF |
| 4" TSI FITTINGS | 2 EA |

| PAINT/CARPENTER SHOP | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 289 LF |
| 2" TSI FITTINGS | 73 EA |
| 8" TSI LAGGING | 14 LF |
| 8" TSI FITTINGS | 82 EA |
| 4" TSI FITTINGS | 40 EA |

| STOR. CAGES N. OF FREIGHT ELEV. | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 55 LF |
| 2" TSI FITTINGS | 10 EA |
| 8" TSI LAGGING | 28 LF |
| 8" TSI FITTINGS | 8 EA |
| 4" TSI FITTINGS | 18 EA |

| SB-7 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI LAGGING | 4 LF |
| 4" TSI FITTINGS | 2 EA |

| SB-12 | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 4" TSI LAGGING | 20 LF |
| 4" TSI FITTINGS | 11 EA |
| 8" TSI LAGGING | 30 LF |
| 8" TSI FITTINGS | 5 EA |
| 12" TSI LAGGING | 40 LF |
| 12" TSI FITTINGS | 4 EA |
| 18" TSI FITTINGS | 4 EA |

| SHEET : |
|---|
| T1 |


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

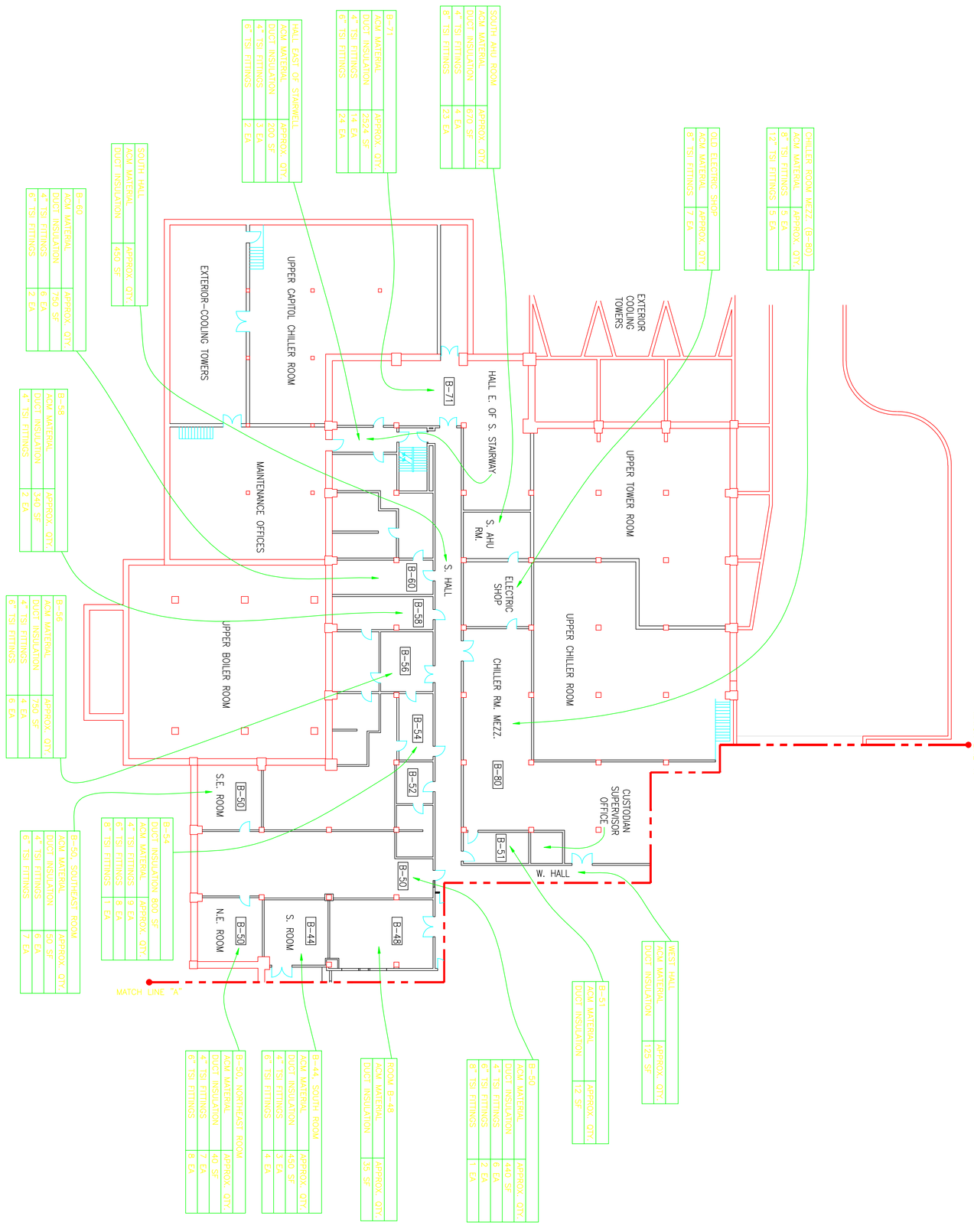

APPROVED BY:
DRAWN BY: JECO-DP

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" SUB-BASEMENT DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318


KNORC
2-2-2006
AE15-271




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

SHEET :
T2

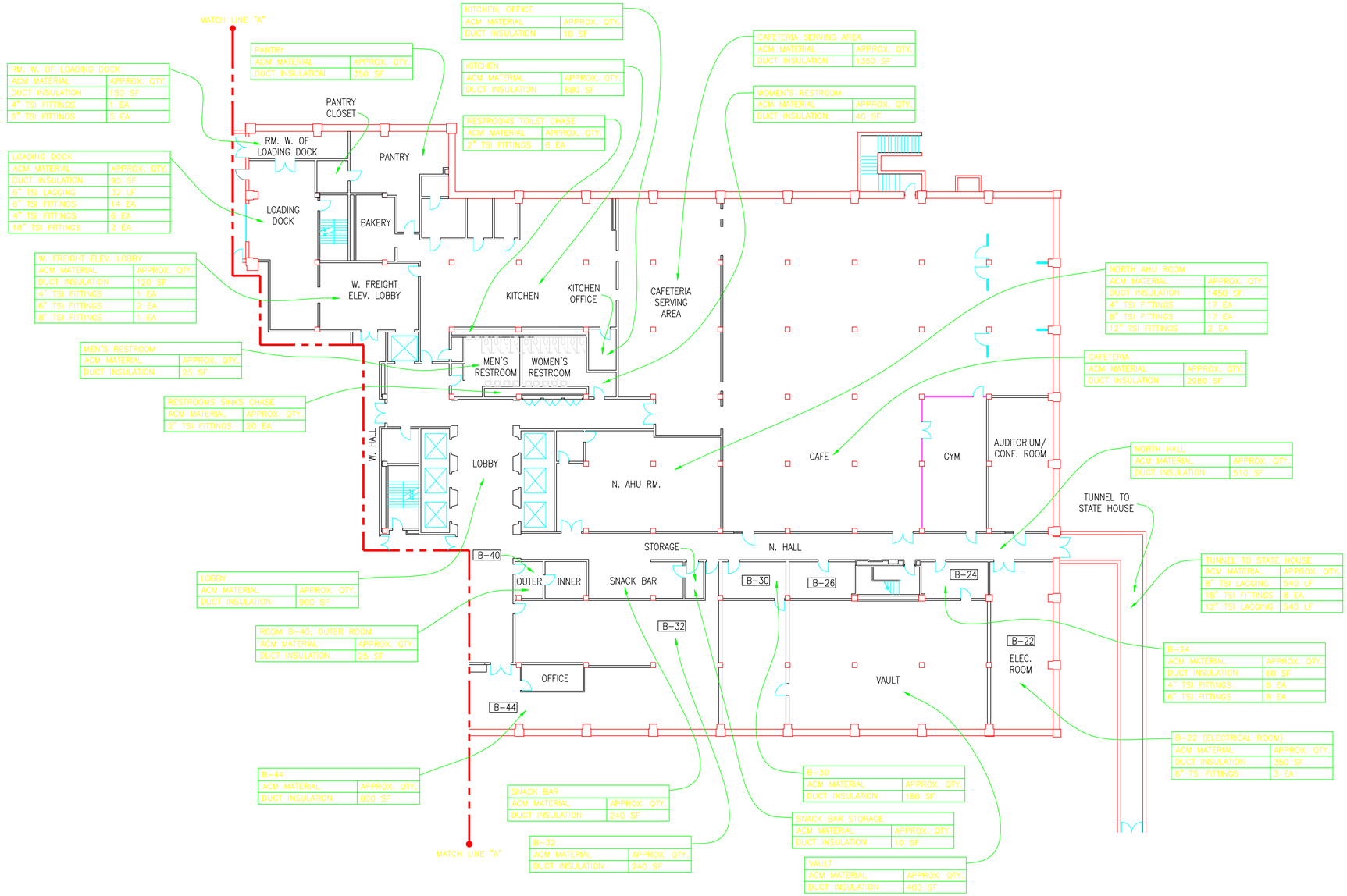

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-DP


# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" BASEMENT DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNORC
2-2-2016
AR.5.-272




State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

DATE : 11/24/99

SCALE : 1/16"=1'-0"

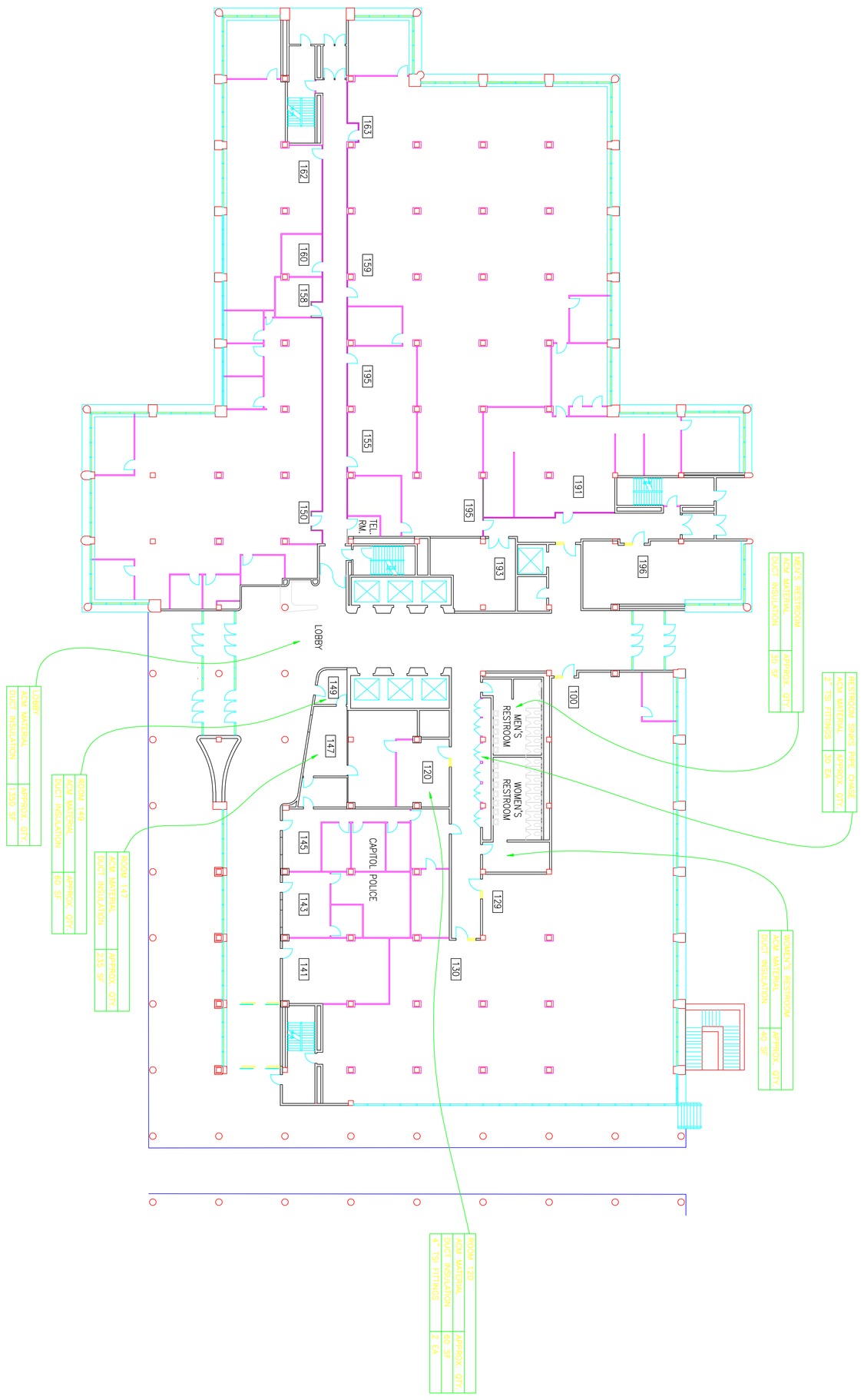
BASEMENT

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-DP

SHEET : T3

JCSBC
2-2-2016
Att.5.--273




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :
T4

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

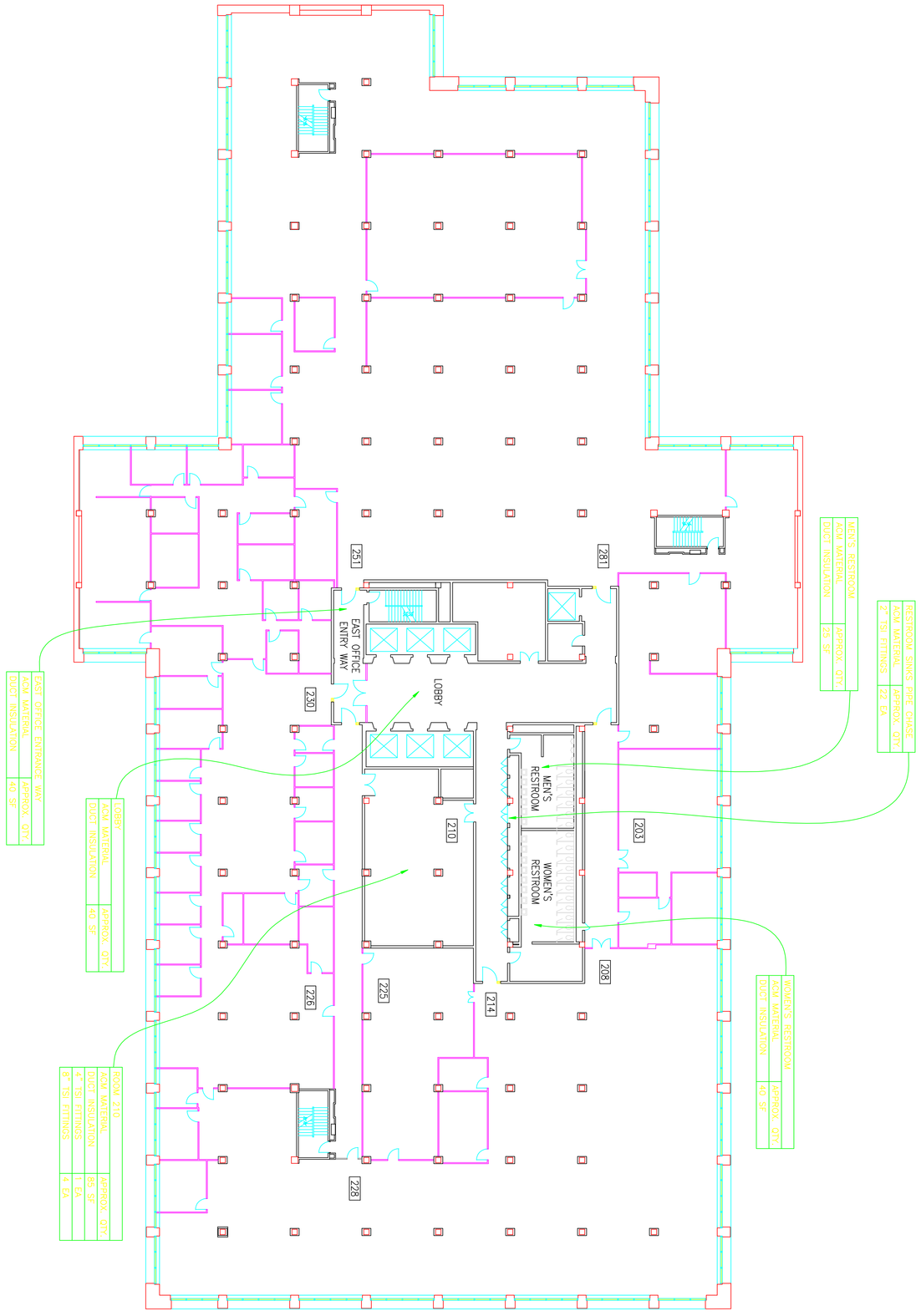
APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" FIRST FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

JENSEN
2-2-2016
AE15-274




SHEET :

T5


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

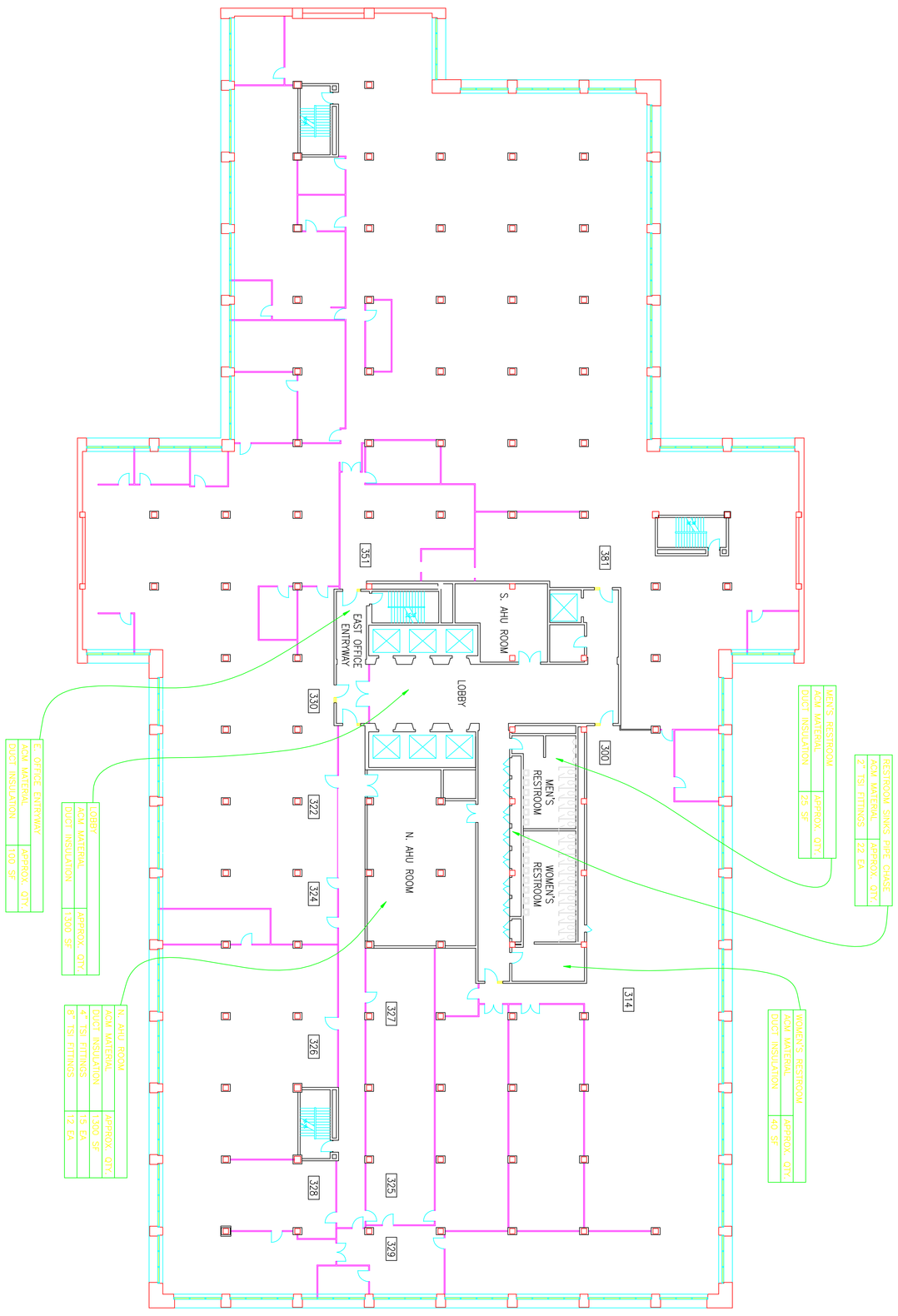
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" SECOND FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318


FW30C
2-2-2016
AR:5-275




SHEET :

T6


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

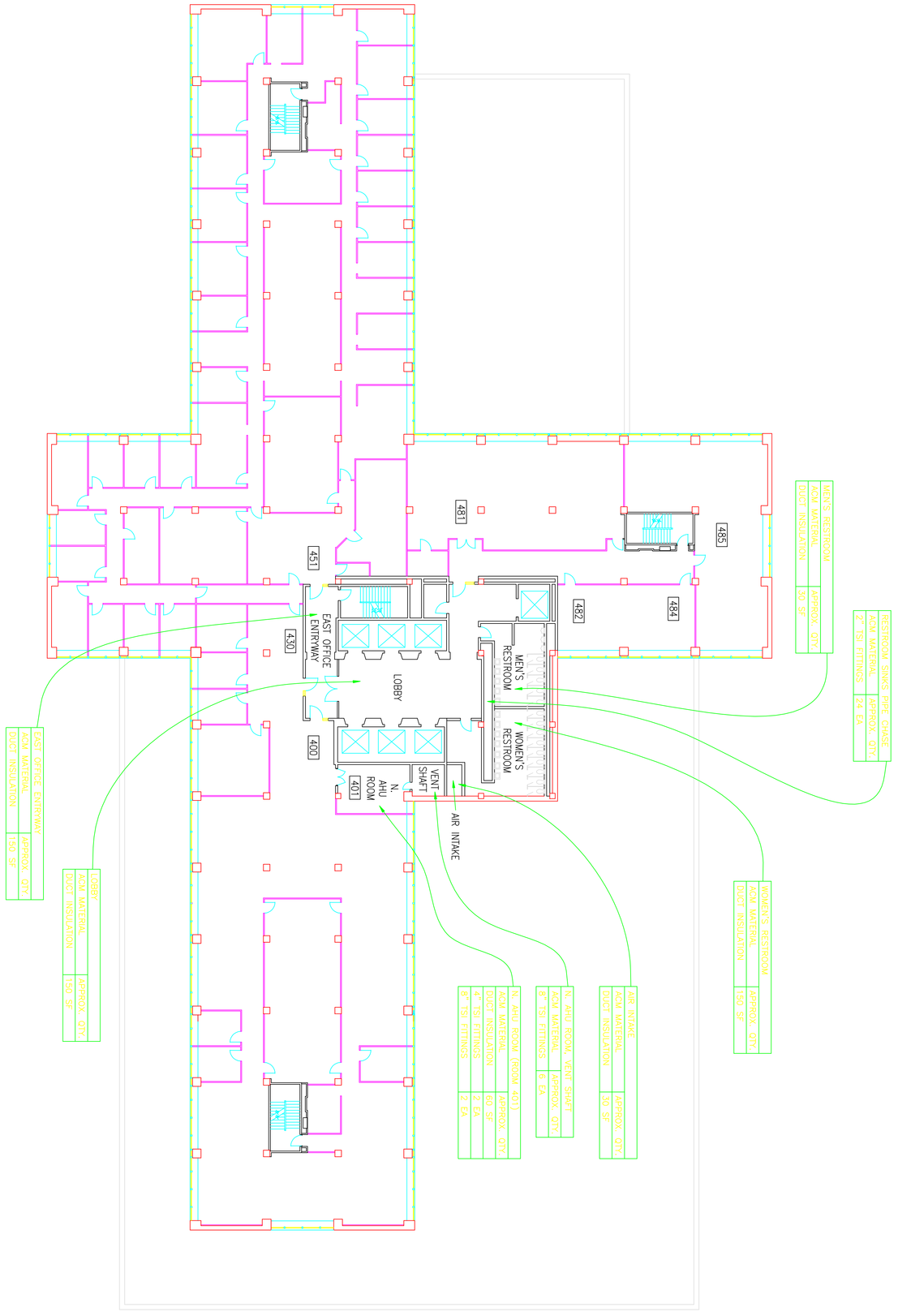
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" THIRD FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318


JOB NO.
2-2-2016
AB 5-276




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T7

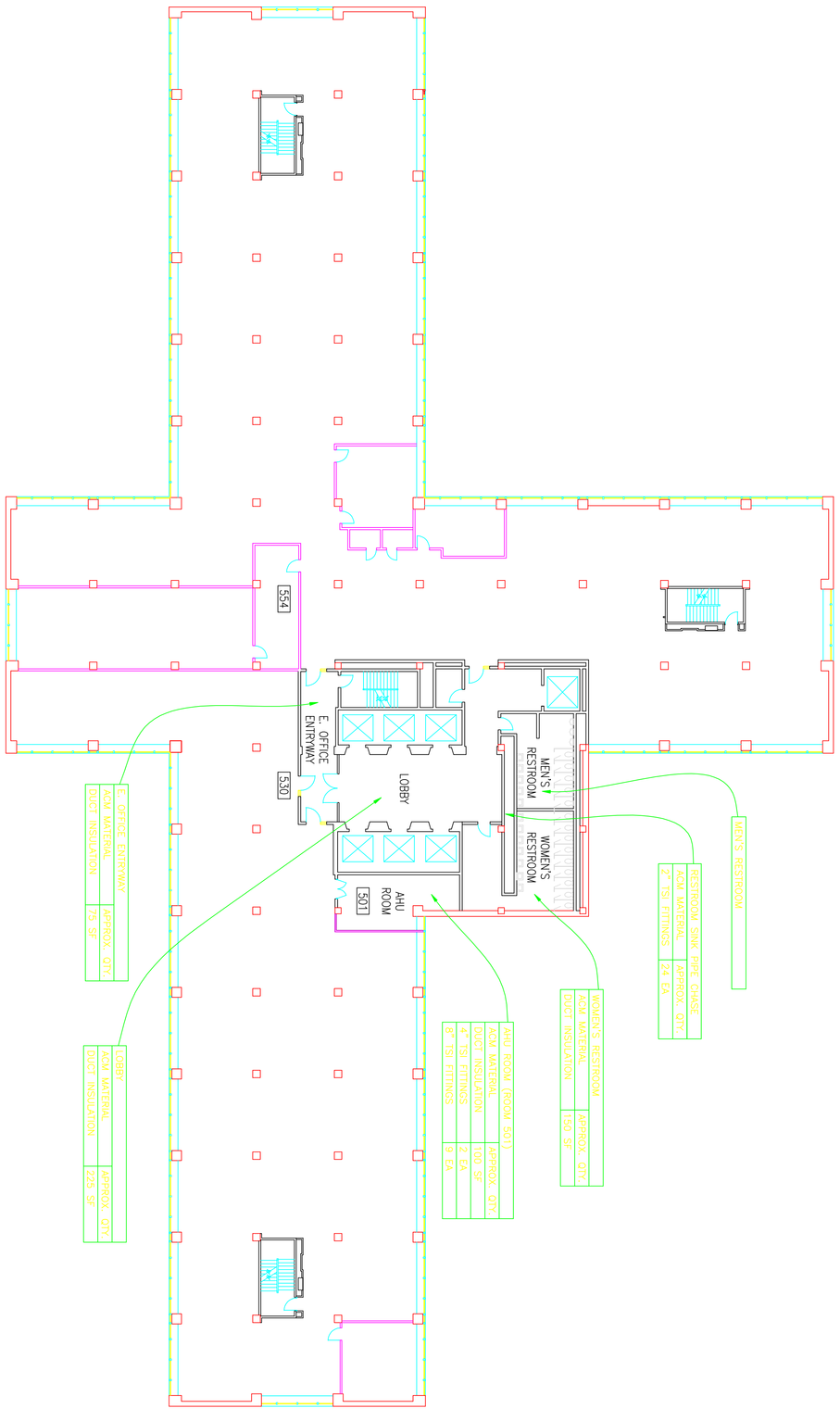
APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" FOURTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWC
2-2-2016
AR.5-277




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T8


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

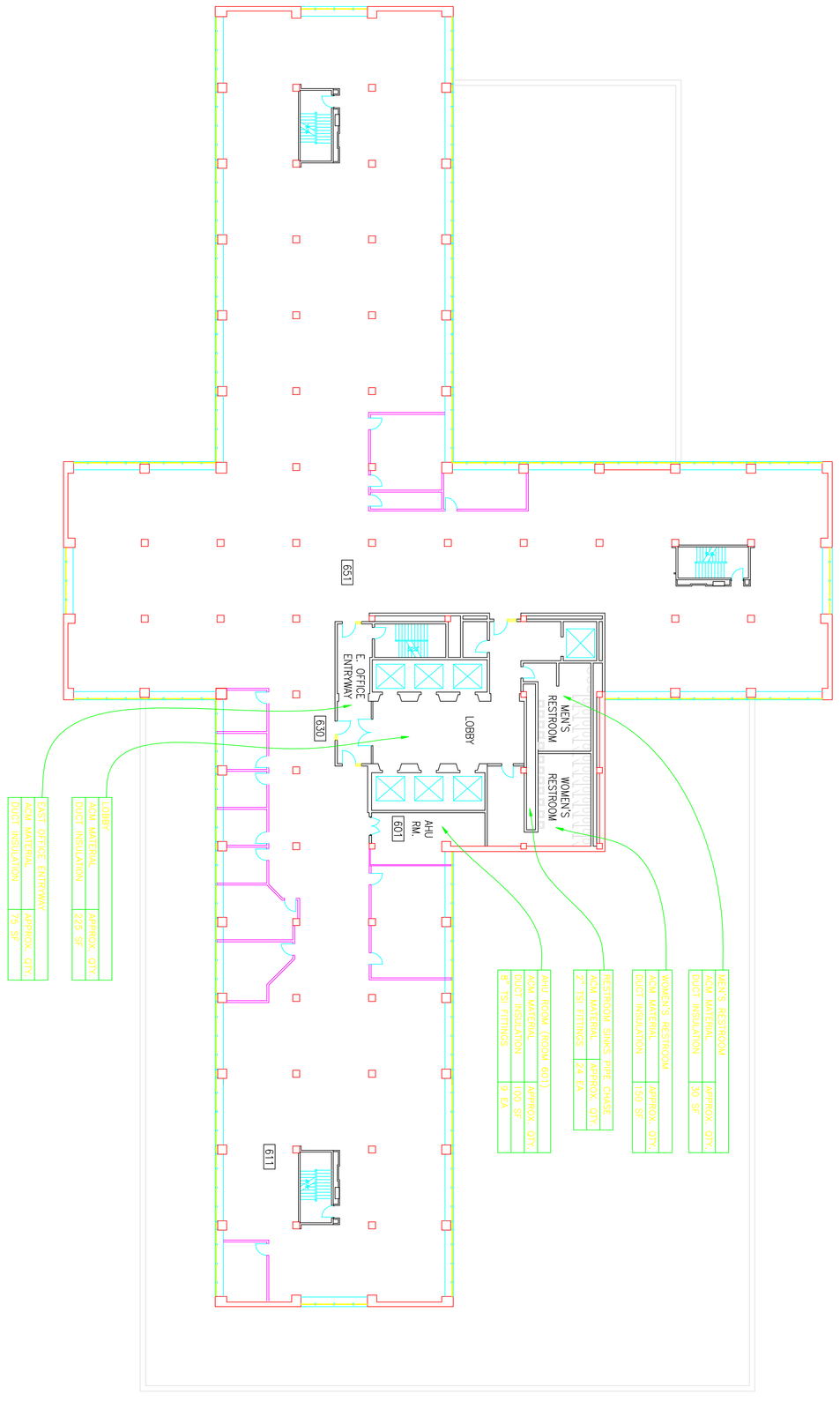
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" FIFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318


JOB NO.
2-2-2016
AE15-278




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

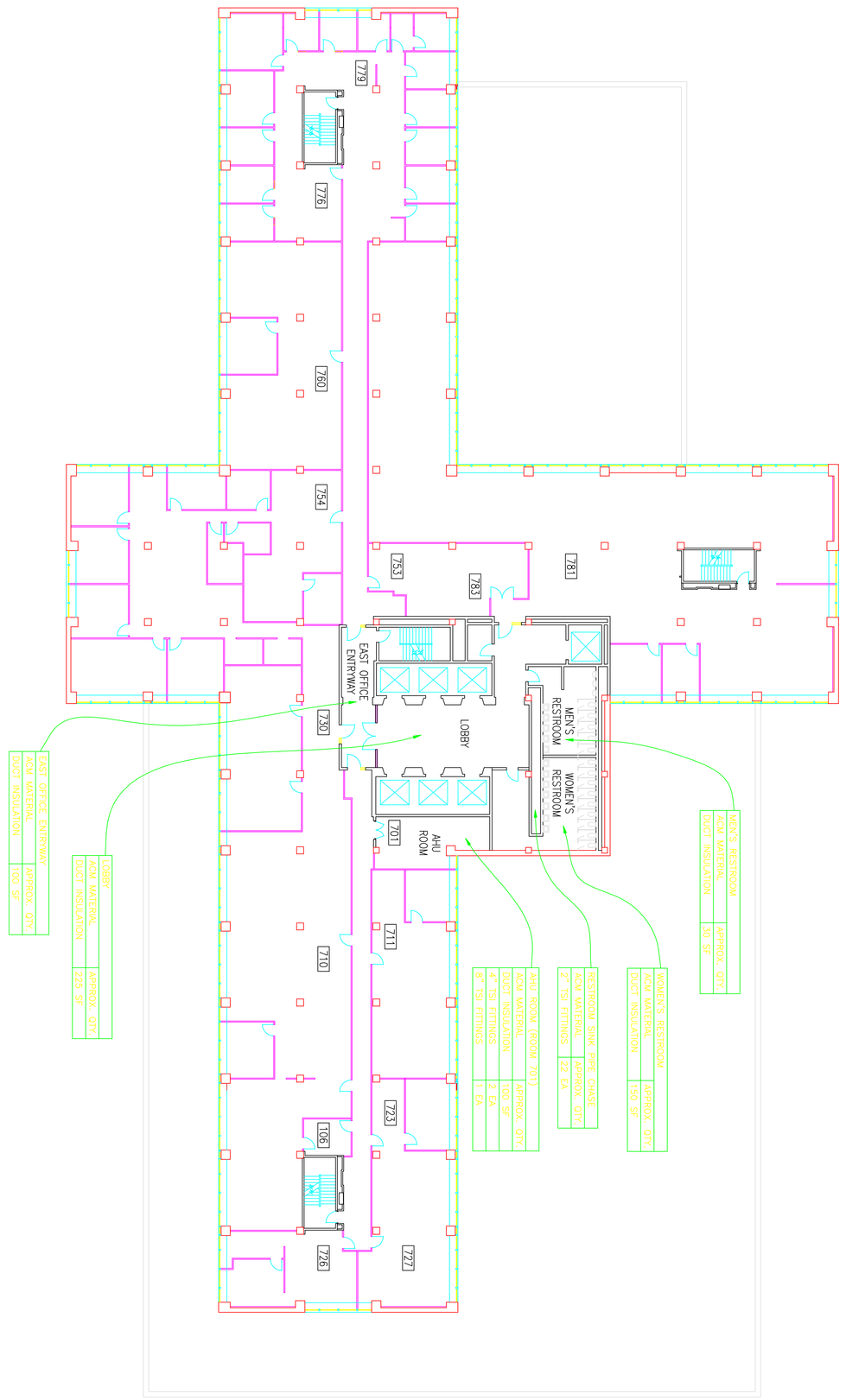
SHEET :
T9

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS
SCALE : 1/16"=1'-0" SIXTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KNOWC
2-2-2016
AR:5->279




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T10


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-JDS


# DOCKING STATE OFFICE BUILDING

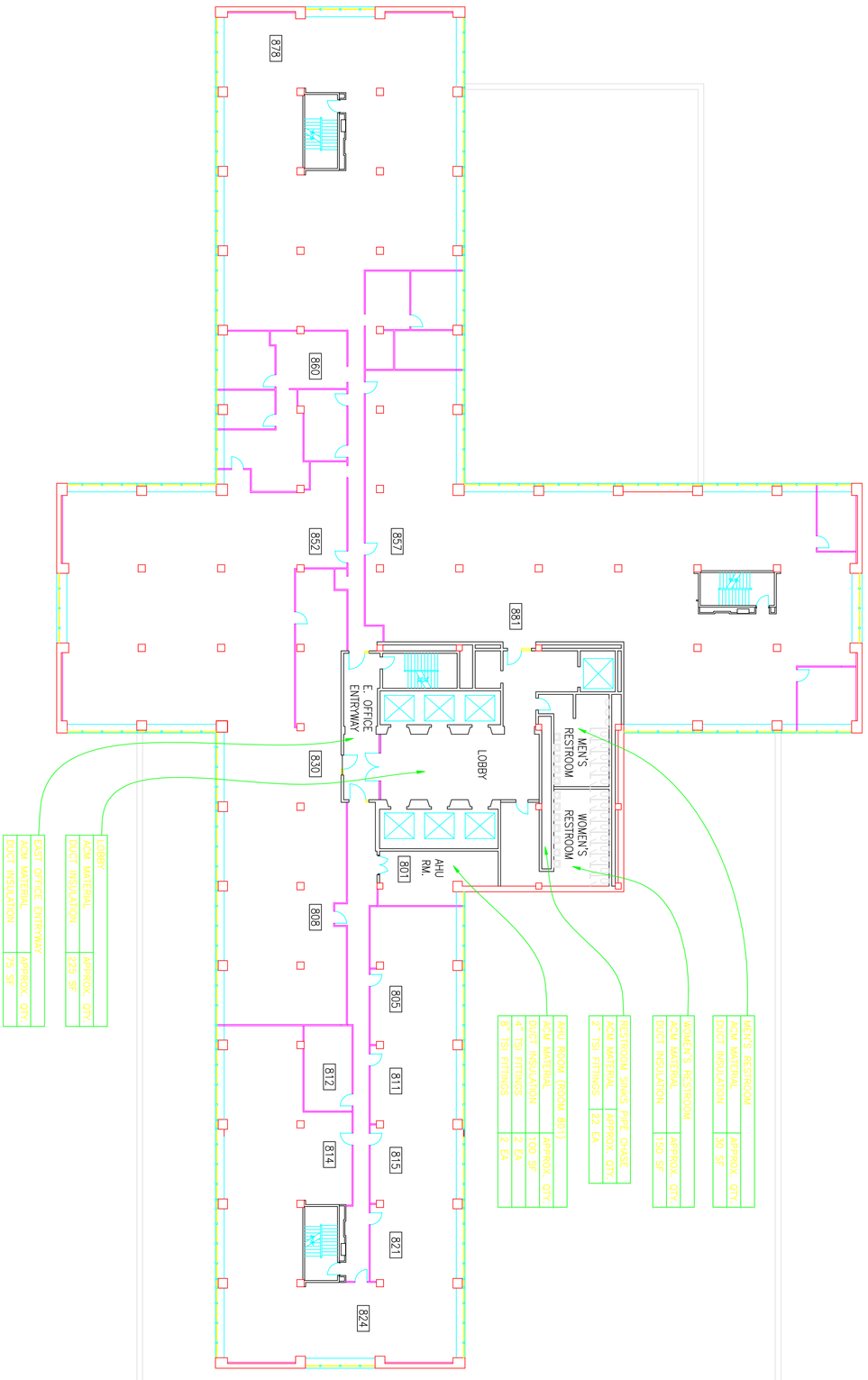
## ASBESTOS CONTAINING MATERIALS

## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" SEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318


JOB NO.
2-2-2016
AR 5.-280




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T11


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DN

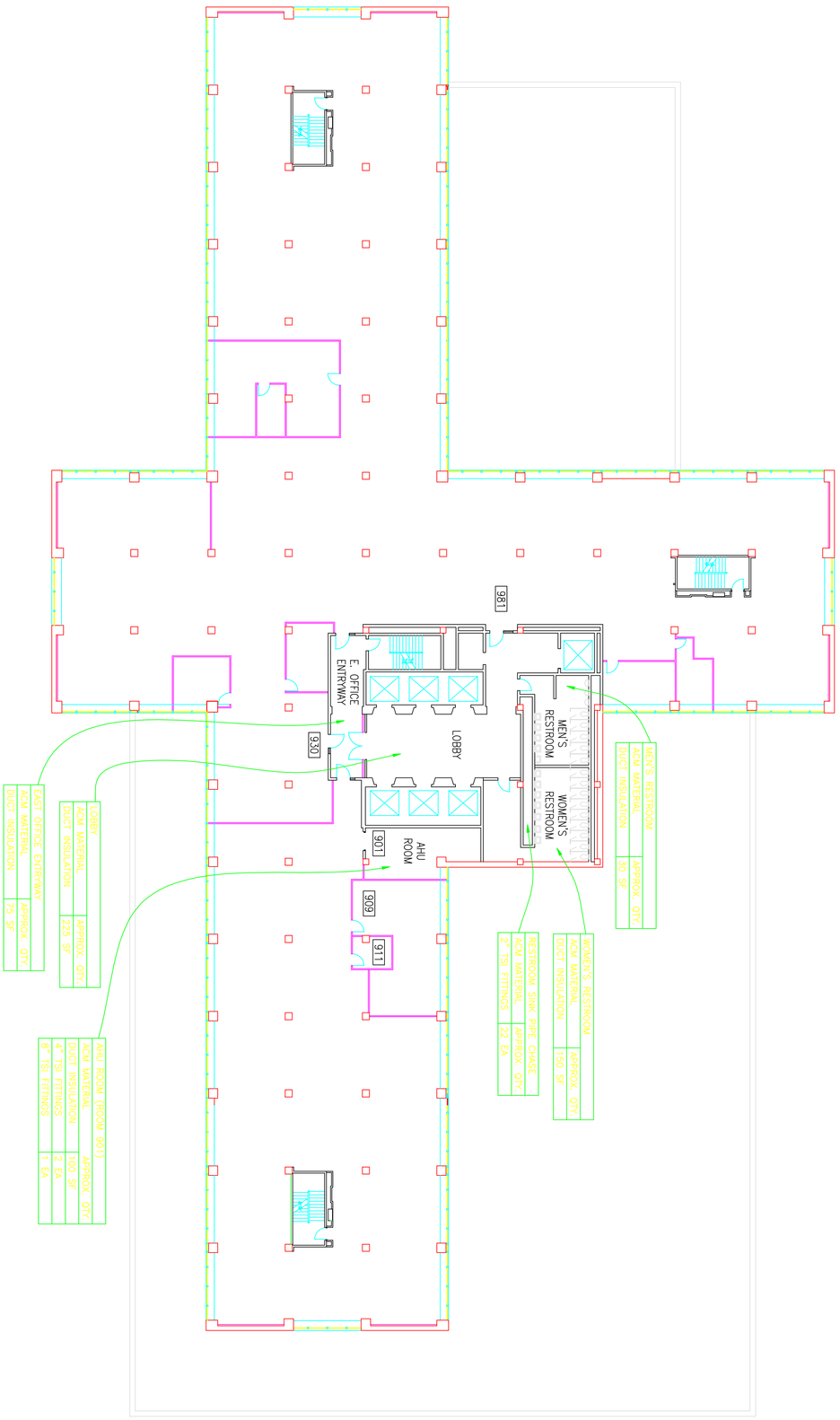
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" EIGHTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318


JOB NO.
2-2-2016
AR 5-281




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :
T12

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

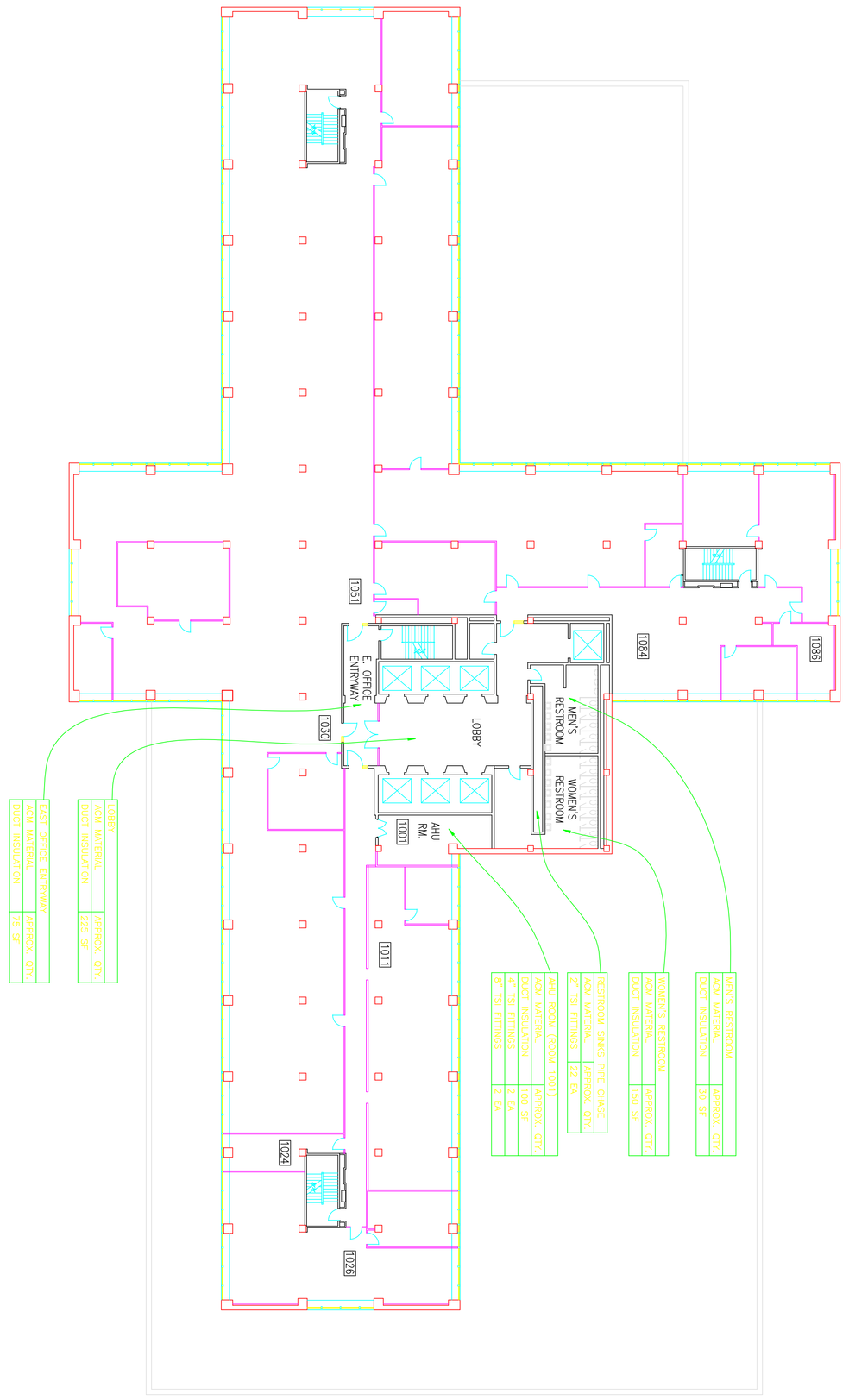
APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" NINTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

JOB NO.
2-2-2016
AE15-282




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T13


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DN

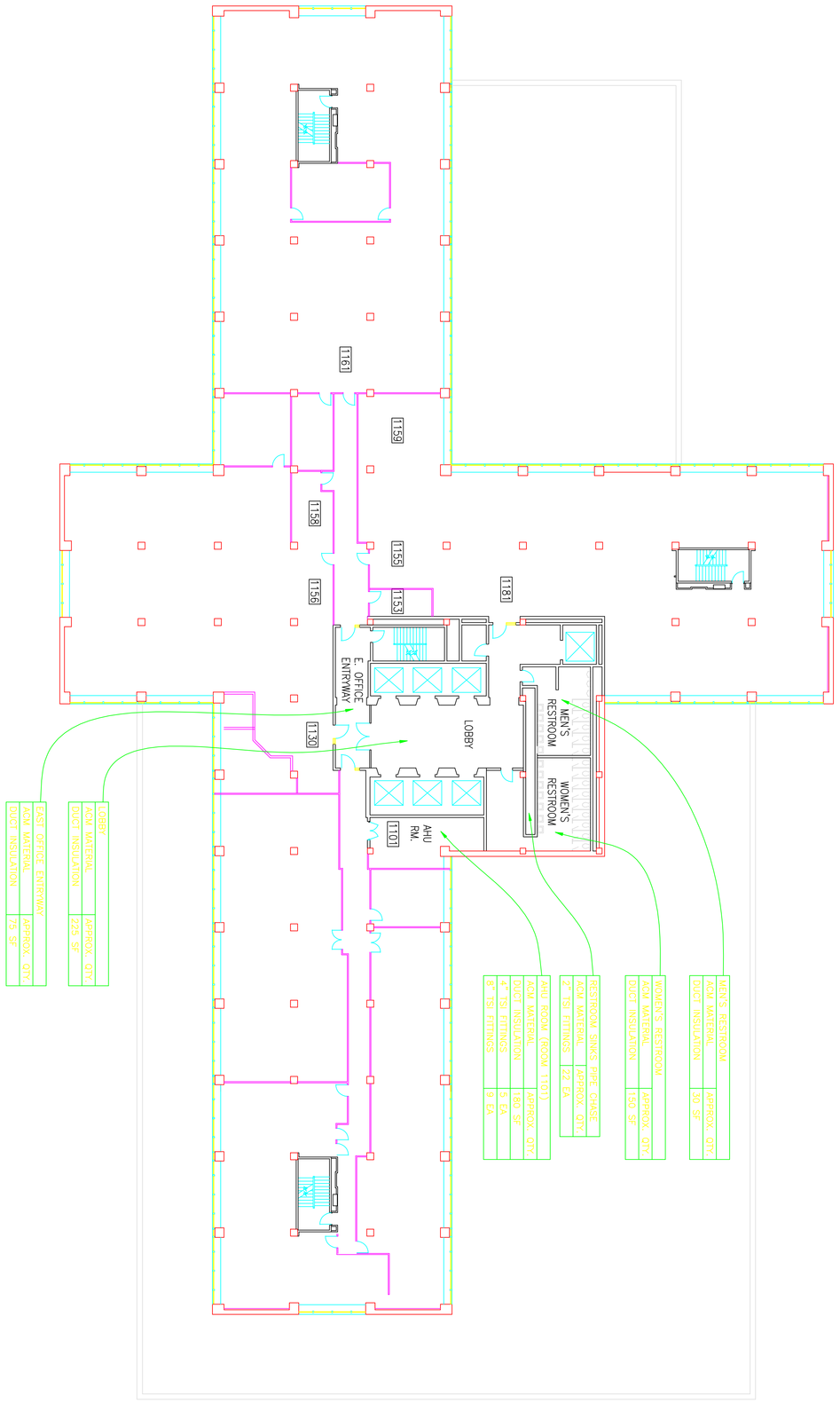
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" TENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318


JOB NO.
2-2-2016
AE1.5-283




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

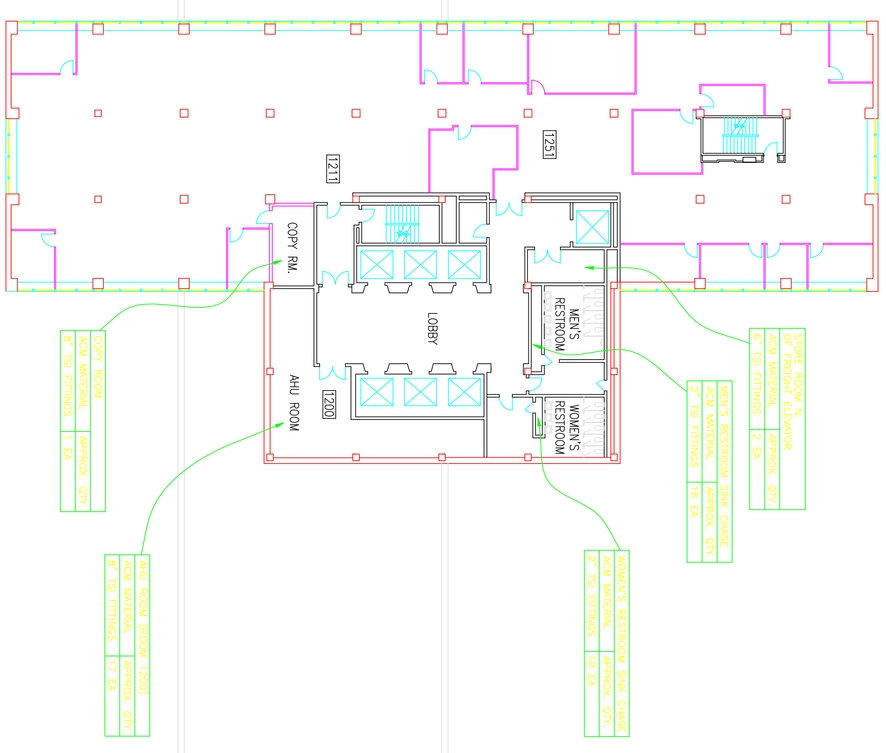
SHEET :
T14

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS
SCALE : 1/16"=1'-0" ELEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KWORC
2-2-2016
AE.5-284




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :
T15

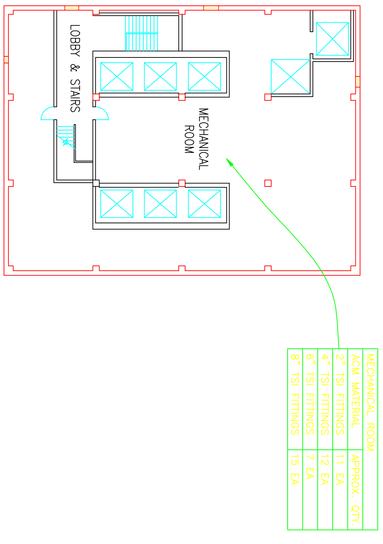

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-CH


# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" TWELFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318


JWORC
2-2-2016
AE1.5-28S




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T16

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING

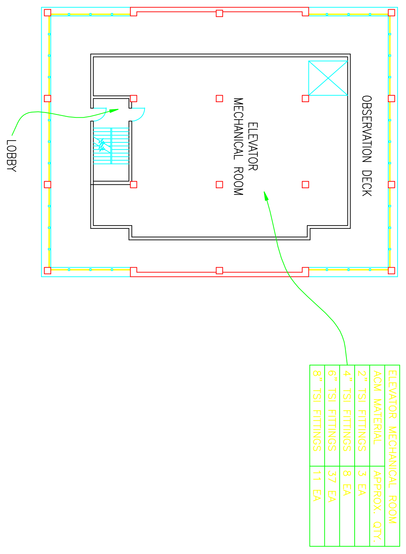
## ASBESTOS CONTAINING MATERIALS

## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" THIRTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

JOB NO.
2-2-2016
AE15-286




SHEET :

T17


APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" FOURTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318


JOB NO.
2-2-2016
AE1.5-287

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Hall | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 70 | LF | G | 1,330.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 6" | YES | 16,17,18 | 1 | EA | G | 20.50 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 3 | EA | G | 61.50 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 12 | EA | G | 246.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 15 | EA | G | 255.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 2 | EA | G | 34.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 8 | EA | G | 136.00 |
| SB | Hall | A2 Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 102 | LF | G | 1,652.40 |
| SB | Hall | B2 Mudded Joint Packings on Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | Assumed | 9 | EA | G | 153.00 |
| SB | Hall | A4 Fiberglass Pipe Insulation | Asbestos Paper Tape On Seams | 2" | YES | 28,29,30 | 55 | LF | G | 891.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 4 | EA | G | 68.00 |
| SB | Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| SB | West Stairwell | C1 Vinyl Floor Tile 9" x 9" | White W/Black | | YES | 93 | 140 | SF | G | 273.00 |
| SB | West Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | G | N/A |
| SB | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White W/Black | | YES | 93 | 140 | SF | G | 273.00 |
| SB | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 8" | YES | 19,20,21 | 12 | EA | G | 246.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 12" | YES | 19,20,21 | 75 | EA | G | 1,800.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 15 | EA | G | 360.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Heating Water | 8" | YES | 22,23,24 | 20 | EA | G | 410.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Heating Water | 12" | YES | 22,23,24 | 70 | EA | G | 1,680.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Heating Water | 18" | YES | 22,23,24 | 27 | EA | G | 648.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 20 | EA | G | 410.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 12" | YES | 34,35,36 | 45 | EA | G | 1,080.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 10 | EA | G | 170.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 50 | EA | G | 850.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 55 | EA | G | 1,127.50 |
| SB | Chiller Room | A4 Fiberglass Pipe Insulation | w/Asbestos Paper Tape On Seams | 4" | YES | 28,29,30 | 75 | LF | G | 1,215.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 6 | EA | G | 102.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 15 | EA | G | 255.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 8" | YES | 31,32,33 | 10 | EA | G | 205.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 12 | EA | G | 204.00 |
| SB | Chiller Room | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 6" | YES | 10,11,12 | 165 | LF | G | 3,135.00 |
| SB | Chiller Room | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 6" | YES | 13,14,15 | 28 | EA | G | 574.00 |
| SB | Chiller Room | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 170 | LF | G | 3,230.00 |
| SB | Chiller Room | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 25 | EA | G | 512.50 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 80 | EA | G | 1,360.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 6" | YES | 16,17,18 | 40 | EA | G | 820.00 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 45 | EA | G | 922.50 |
| SB | Chiller Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 12" | YES | 16,17,18 | 10 | EA | G | 240.00 |
| SB | Chiller Room, Plumbing Shop Area | A2 Corrugated Pipe Insulation | Steam Supply & Return | 4" | YES | 49 | 15 | LF | G | 243.00 |
| SB | Chiller Room, Plumbing Shop Area | A2 Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 10 | LF | G | 162.00 |
| SB | Chiller Room, Plumbing Shop Area | B2 Mudded Joint Packings on Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | Assumed | 4 | EA | G | 68.00 |
| SB | Chiller Room, West Side, at Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 400 | SF | G | 4,760.00 |
| SB | Chiller Room, West Heat Exchangers | H3 Heat Exchanger Insulation | | | YES | 7,8,9 | 50 | SF | G | 760.00 |
| SB | Chiller Room, East Heat Exchanger | H3 Heat Exchanger Insulation | | | YES | 1,2,3 | 25 | SF | G | 380.00 |
| SB | Chiller Room, East center Heat Exchanger | H3 Heat Exchanger Insulation | | | YES | 4,5,6 | 25 | SF | G | 380.00 |
| SB | Boiler Room ('85 Add) | | All Gaskets New Non-Asbestos Material | | NO | | | | | N/A |
| SB | Boiler Room, Lab | D4 Ceiling Tile 2' x 4' | Fissures | | NO | 82 | 60 | SF | G | N/A |
| SB | Boiler Room, Lab | D4 Ceiling Tile 2' x 4' | Circular Wormholes | | NO | 83 | 180 | SF | G | N/A |
| SB | Boiler Room, Lab | L1 Metal Fire Door(s) | | | YES | Assumed | 3 | EA | G | 450.00 |
| SB | HVAC Shop, S. Office ('67 Add) | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 80 | SF | G | N/A |
| SB | Capitol Chiller Room ('67 Add) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 22 | EA | G | 528.00 |
| SB | Capitol Chiller Room ('67 Add) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 12" | YES | 19,20,21 | 30 | EA | G | 720.00 |
| SB | Capitol Chiller Room ('67 Add) | A1, B1 Preformed Mag/Cal Block Pipe Insulation w/Mudded Joint Packings | Breech On Generator | 12" | YES | 51,52,53 | 8 | LF | G | 192.00 |
| SB | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White W/Black | | YES | 93 | 140 | SF | G | 273.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Tower Room, N. End | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 650 | SF | G | 7,735.00 |
| SB | Tower Room, NE Corner | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 12" | YES | 19,20,21 | 4 | EA | G | 96.00 |
| SB | Tower Room, NE Corner | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 2 | EA | D | 34.00 |
| SB | Tower Room, W Side | N1 Gypsum Board w/Joint | Including Inside Air Intake | | NO | 133 | 1800 | SF | D | N/A |
| SB | Tower Room, S Side, at Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 6 | EA | G | 123.00 |
| SB | Tower Room,NE Corners | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 8 | EA | G | 136.00 |
| SB | S. Stairwell, Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| SB | Chiller Room, Office/Break Rm | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 35 | LF | G | 665.00 |
| SB | Chiller Room, Office/Break Rm | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 6" | YES | 10,11,12 | 35 | LF | G | 665.00 |
| SB | Chiller Room, Office/Break Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 6" | YES | 16, 17,18 | 1 | EA | G | 20.50 |
| SB | Chiller Room, Office/Break Rm | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 28,29,30 | 14 | LF | G | 226.80 |
| SB | Chiller Room, Office/Break Rm | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 28,29,30 | 14 | LF | G | 226.80 |
| SB | Chiller Room, Office/Break Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 1 | EA | G | 17.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 4 | EA | G | 96.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 2 | EA | G | 34.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 6 | EA | G | 102.00 |
| SB | Entrance to SBS-3/SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 10 | EA | G | 170.00 |
| SB | Storage Cages N. of Freight Elevator | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 25 | LF | G | 475.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 5 | EA | G | 102.50 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 11 | EA | G | 187.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 3 | EA | G | 61.50 |
| SB | Storage Cages N. of Freight Elevator | A4 Fiberglass Pipe Insulation | Domestic Hot Water w/ Asbestos Paper Tape | 2" | YES | 28,29,30 | 55 | LF | G | 891.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 10 | EA | G | 170.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 6 | EA | G | 102.00 |
| SB | Storage Cages N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | Paint/Carpenter Shops | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 14 | LF | G | 266.00 |
| SB | Paint/Carpenter Shops | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 1 | EA | G | 20.50 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 45 | EA | G | 922.50 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 32 | EA | G | 656.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 45 | EA | G | 765.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 30 | EA | G | 510.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 4 | EA | G | 82.00 |
| SB | Paint/Carpenter Shops | A4 Fiberglass Pipe Insulation | Domestic Hot Water w/ Asbestos Paper Tape | 2" | YES | 28,29,30 | 280 | LF | G | 4,536.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 28 | EA | G | 476.00 |
| SB | Paint/Carpenter Shops | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 10 | EA | G | 170.00 |
| SB | Paint/Carpenter Shops, Offices | N1 Gypsum Board w/Joint Compound | | | NO | 134 | 500 | SF | | N/A |
| SB | Paint/Carpenter Shops, Super. Office | D4 Ceiling Tile 2' x 4' | LG Rough Wormholes & Pinholes | | NO | 85 | 95 | SF | | N/A |
| SB | Room SB10 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 60 | LF | G | 1,140.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Room SB10 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 50 | LF | G | 1,100.00 |
| SB | Room SB10 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 5 | EA | G | 102.50 |
| SB | Room SB10 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 12 | EA | G | 246.00 |
| SB | Room SB10 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| SB | SBS-1, Storage S. of S. Stairwell | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SBS-3 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 30 | LF | G | 570.00 |
| SB | SBS-3 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 26 | LF | G | 572.00 |
| SB | SBS-3 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 4 | EA | G | 82.00 |
| SB | SBS-3 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 3 | EA | G | 72.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 2 | EA | G | 48.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 16 | EA | G | 328.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 20 | EA | G | 340.00 |
| SB | SBS-3 | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 28,29,30 | 70 | LF | G | 1,134.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 15 | EA | G | 255.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 4" | YES | 31,32,33 | 9 | EA | G | 153.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SBS-3 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 6 | EA | G | 102.00 |
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 19 | EA | G | 456.00 |
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 3 | EA | G | 51.00 |
| SB | SBS-4 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SBS-6 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 62 | LF | D | 1,178.00 |
| SB | SBS-6 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 56 | LF | G | 1,232.00 |
| SB | SBS-6 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 6 | EA | G | 144.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 35 | EA | G | 717.50 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20, 21 | 4 | EA | G | 96.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 5 | EA | G | 85.00 |
| SB | SBS-6 | A4 Fiberglass Pipe Insulation | Domestic Hot Water W/ Asbestos Paper Tape | 2" | YES | 28,29,30 | 70 | LF | G | 1,134.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot water | 2" | YES | 31,32,33 | 7 | EA | D | 119.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| SB | SBS-6 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 4 | EA | G | 68.00 |
| SB | SBS-7 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 25 | LF | D | 550.00 |
| SB | SBS-7 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 2 | EA | G | 48.00 |
| SB | SBS-8 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| SB | SBS-8 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| SB | SBS-13 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 13,14,15 | 2 | EA | G | 34.00 |
| SB | SBS-14 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 5 | EA | G | 85.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | SBS-14 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 5 | EA | G | 85.00 |
| SB | SBS-17 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 24 | LF | G | 456.00 |
| SB | SBS-17 | A1 Preformed Mag/Cal Block Pipe Insulation | LPS Exposed at N. Wall | 12" | YES | 10,11,12 | 18 | LF | D | 396.00 |
| SB | SBS-17 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 4 | EA | G | 82.00 |
| SB | SBS-17 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 1 | EA | G | 24.00 |
| SB | SBS-17 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 2 | EA | G | 48.00 |
| SB | SBS-17 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 24 | EA | G | 492.00 |
| SB | SBS-17 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 2 | EA | G | 34.00 |
| SB | SBS-16 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 25 | LF | G | 550.00 |
| SB | SBS-16 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 1 | EA | G | 24.00 |
| SB | SBS-16 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 2 | EA | G | 48.00 |
| SB | SBS-15 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 15 | EA | G | 307.50 |
| SB | SBS-18 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 40 | LF | G | 880.00 |
| SB | SBS-18 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 3 | EA | G | 72.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 6 | EA | G | 102.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 8 | EA | G | 164.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 50 | EA | G | 1,025.00 |
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 1 | EA | G | 17.00 |
| SB | SBS-18 | A3 Layered Paper Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 36 | LF | G | 583.20 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | SBS-18 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| SB | Storage Cages Hall | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 15 | LF | G | 285.00 |
| SB | Storage Cages Hall | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 5 | LF | G | 110.00 |
| SB | Storage Cages Hall | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| SB | SB6 - Custodians Storage | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 20 | LF | G | 380.00 |
| SB | SB6 - Custodians Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 2 | EA | G | 34.00 |
| SB | SB6 - Custodians Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 1 | EA | G | 20.50 |
| SB | SB6 - Custodians Storage | A4 Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 28,29,30 | 20 | LF | G | 324.00 |
| SB | SB6 - Custodians Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 2 | EA | G | 34.00 |
| B | Rm B58 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| B | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 965 | | | N/A |
| B | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 1225 | | | N/A |
| B | Lobby | C2 Vinyl Floor Tile 12" x 12" | Green | | NO | see 117,118 | 40 | SF | | N/A |
| B | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 900 | SF | G | 10,710.00 |
| B | Lobby, Area E. of Freight Elevator | D5 Ceiling Tile | | | NO | 132 | 350 | SF | | N/A |
| B | West Freight Elevator Lobby | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 50 | SF | G | 97.50 |
| B | West Freight Elevator Lobby | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 120 | SF | G | 1,428.00 |
| B | West Freight Elevator Lobby | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | West Freight Elevator Lobby | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | West Freight Elevator Lobby | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| B | Loading Dock | A1 Preformed Mag/Cal Block Pipe Insulation | | 6" | YES | 10,11,12 | 32 | LF | D | 608.00 |
| B | Loading Dock | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | | 6" | YES | 13,14,15 | 12 | EA | G | 246.00 |
| B | Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 6 | EA | G | 102.00 |
| B | Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 18" | YES | 43,44,45 | 2 | EA | G | 48.00 |
| B | Loading Dock, Office | D4 Ceiling Tile 2' x 4' | Small Dents & Pinholes | | NO | 90 | | | | N/A |
| B | Loading Dock | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 90 | SF | G | 1,071.00 |
| B | Room W. of Loading Dock | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| B | Room W. of Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 5 | EA | G | 102.50 |
| B | Room W. of Loading Dock | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| B | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | 140 | SF | G | N/A |
| B | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | G | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | Restrooms Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 30 | EA | G | 510.00 |
| 1ST | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 1ST | Women's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Women's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| 1ST | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 6800 | SF | | N/A |
| 1ST | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1350 | SF | G | 16,065.00 |
| 1ST | Lobby | D3 Ceiling Tile 2' x 2' | Drop Edge | | NO | 91 | 6800 | SF | | N/A |
| 1ST | Rm 149 | D3 Ceiling Tile 2' x 2' | Drop Edge, Rough Texture | | NO | 92 | | | | N/A |
| 1ST | Rm 149 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Rm 149, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | G | 714.00 |
| 1ST | Rm 149 | C1 Vinyl Floor Tile 9" x 9" | Blue | | YES | 111 | 80 | SF | G | 156.00 |
| 1ST | Rm 147 | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Rm 147 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 235 | SF | G | 2,796.50 |
| 1ST | Rm 147 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 200 | SF | G | 390.00 |
| 1ST | Capitol Police Offices | D3 Ceiling Tile 2' x 2' | Drop Edge, Rough Texture | | NO | 92 | | | | N/A |
| 1ST | Capitol Police Offices | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Capitol Police Offices | N1 Gypsum Board w/Joint | | | NO | 138 | | | | N/A |
| 1ST | Capitol Police Offices, Locker Rooms | C2 Vinyl Floor Tile 12" x 12" | White w/ Tan & Gray Specks | | NO | 101 | 250 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | Capitol Police Offices, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 2000 | SF | | N/A |
| 1ST | Rm 120 | D3 Ceiling Tile 2' x 2' | Drop Edge, Rough Texture | | NO | 92 | | | | N/A |
| 1ST | Rm 120, Under Carpet | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | 320 | SF | | N/A |
| 1ST | Rm 120, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | G | 714.00 |
| 1ST | Rm 120 | N1 Gypsum Board w/Joint | | | NO | 139 | | | | N/A |
| 1ST | Rm 120, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 1ST | Exterior, E. and N. Porches | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 7800 | SF | | N/A |
| 1ST | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 180 | SF | G | 351.00 |
| 1ST | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | | | | N/A |
| 1ST | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 180 | SF | G | 351.00 |
| 1ST | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 180 | SF | G | 351.00 |
| 1ST | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | S. Hall | D3 Ceiling Tile 2' x 2' | Drop Edge | | NO | 91 | | | | N/A |
| 1ST | S. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 1100 | SF | G | 2,145.00 |
| 1ST | S. Hall, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 1100 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | S. Hall | N1 Gypsum Board w/Joint | | | NO | 139 | | | | N/A |
| 1ST | S. Hall | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | W. Hall | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | W. Hall | N1 Gypsum Board w/Joint | | | NO | 113 | | | | N/A |
| 1ST | W. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 380 | SF | G | 741.00 |
| 1ST | W. Hall, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 380 | SF | | N/A |
| 1ST | Rm 193 ( S. AHU Rm) | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 1ST | Rm 196 | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Rm 196, Under Carpet | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 1000 | SF | G | 1,950.00 |
| 1ST | Rm 196, Conference Room | D4 Ceiling Tile 2' x 4' | Reddish Tan | | NO | 90 | 1000 | SF | G | N/A |
| 1ST | SW Offices (Rms 155, 157, 159, 163, 191, 195) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | SW Offices (Rms 155, 157, 159, 163, 191, 195) | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan; Under Carpet | | YES | 94 | 24500 | SF | G | 47,775.00 |
| 1ST | SW Offices (Rms 155, 157, 159, 163, 191, 195) | E2 Fire Proofing Trowel Finished | Above Ceiling | | NO | 58,59 | 24500 | SF | | N/A |
| 1ST | Telephone Rm ( S. of Center Stairwell) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | Telephone Rm ( S. of Center Stairwell), | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 90 | SF | G | 175.50 |
| 1ST | Telephone Rm ( S. of Center Stairwell) | E2 Fire Proofing Trowel Finished | Above Ceiling | | NO | 58,59 | 90 | SF | | N/A |
| 1ST | SE Offices (Rms 150,158,160,162) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | 150,158,160, 162), Under Carpet | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 7200 | SF | G | 14,040.00 |
| 1ST | 150,158,160, 162), Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | 7200 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 1ST | NE Offices (Rms 100, 129, 130, 141) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 1ST | 129, 130, 141), Under Carpet | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 9300 | SF | G | 18,135.00 |
| 1ST | 129, 130, 141), Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 58,59 | | | | N/A |
| 2ND | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 2ND | Mens Restroom | G2 Hard Finish Wall Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| 2ND | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Womens Restroom, Entry Way | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 2ND | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| 2ND | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 890 | SF | | N/A |
| 2ND | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 1120 | SF | | N/A |
| 2ND | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 60,61 | 2100 | SF | | N/A |
| 2ND | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1050 | SF | G | 12,495.00 |
| 2ND | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 180 | SF | | N/A |
| 2ND | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 80 | SF | | N/A |
| 2ND | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 2ND | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 60,61 | 260 | SF | | N/A |
| 2ND | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 2ND | Custodian's Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 2ND | Rm 210 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 85 | SF | G | 1,011.50 |
| 2ND | Rm 210 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| 2ND | Rm 210, N. AHU Area | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 4 | EA | G | 82.00 |
| 2ND | S. AHU Rm | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 180 | SF | | N/A |
| 2ND | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 2ND | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Tan | | NO | 100 | 40 | SF | | N/A |
| 2ND | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 2ND | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 2ND | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 2ND | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 100 | SF | G | 195.00 |
| 2ND | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 2ND | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 46000 | SF | G | 89,700.00 |
| 2ND | Offices Throughout, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 60,61 | 46000 | SF | | N/A |
| 3RD | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 3RD | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 3RD | Women's Restrrom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 3RD | Women's Restrrom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Women's Restrrom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| 3RD | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 890 | SF | | N/A |
| 3RD | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 1120 | SF | | N/A |
| 3RD | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 2100 | SF | | N/A |
| 3RD | Lobby | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1300 | SF | G | 15,470.00 |
| 3RD | E. Office Entryway | C5 Floor Covering | Red | | NO | 103 | 260 | SF | | N/A |
| 3RD | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 260 | SF | | N/A |
| 3RD | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 3RD | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | N. Hall | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 3RD | N. Hall, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 980 | SF | | N/A |
| 3RD | N. Hall | C2 Vinyl Floor Tile 12" x 12" | Blue | | NO | 104 | 980 | SF | | N/A |
| 3RD | N. AHU Rm | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | N. AHU Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| 3RD | N. AHU Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 15 | EA | G | 255.00 |
| 3RD | N. AHU Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 4 | EA | G | 82.00 |
| 3RD | S. AHU Rm | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 3RD | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 3RD | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 3RD | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 3RD | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 45000 | SF | G | 87,750.00 |
| 3RD | Offices Throughout, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 62,63 | 45000 | SF | | N/A |
| 4TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 24 | EA | G | 408.00 |
| 4TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 4TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,,110 | | | | N/A |
| 4TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 160 | SF | G | 312.00 |
| 4TH | Womens Restroom | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 4TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 4TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 4TH | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 1065 | SF | | N/A |
| 4TH | Lobby | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 4TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 4TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 4TH | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 280 | SF | | N/A |
| 4TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 4TH | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 4TH | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | AHU Rm (Rm 401) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 4TH | AHU Rm (Rm 401) | N1 Gypsum Board w/Joint | | | NO | 140 | | | | N/A |
| 4TH | AHU Rm (Rm 401) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | d | 156.00 |
| 4TH | AHU Rm (Rm 401) | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 100 | SF | | N/A |
| 4TH | AHU Rm (Rm 401) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 4TH | AHU Rm (Rm 401) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 4TH | AHU Rm (Rm 401) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| 4TH | AHU Rm (Rm 401) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 4TH | AHU Rm (Rm 401), In Vent Shaft | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 8" | YES | 16,17,18 | 6 | EA | G | 123.00 |
| 4TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 4TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 24 | EA | G | 408.00 |
| 5TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 5TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 5TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 5TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 5TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 5TH | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 1065 | SF | | N/A |
| 5TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 5TH | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 5TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 5TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 5TH | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 280 | SF | | N/A |
| 5TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 5TH | Custodians Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 4TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 4TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 4TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26000 | SF | G | 50,700.00 |
| SB | SB7 - Custodian's Workroom | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 1 | EA | G | 17.00 |
| SB | SB7 - Custodian's Workroom | A4 Fiberglass Pipe Insulation | Domestic Hot water | 2" | YES | 28,29,30 | 4 | LF | G | 64.80 |
| SB | SB7 - Custodian's Workroom | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 1 | EA | G | 17.00 |
| SB | SB7 - Custodian's Workroom | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| SB | SB12 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 30 | LF | G | 570.00 |
| SB | SB12 | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 40 | LF | G | 880.00 |
| SB | SB12 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 5 | EA | G | 102.50 |
| SB | SB12 | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 4 | EA | G | 96.00 |
| SB | SB12 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 4 | EA | G | 96.00 |
| SB | SB12 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 6 | EA | G | 102.00 |
| SB | SB12 | A2 Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | 50 | 20 | LF | G | 324.00 |
| SB | SB12 | B2 Mudded Joint Packings on Corrugated Pipe Insulation | Domestic Hot Water | 4" | YES | Assumed | 3 | EA | G | 51.00 |
| SB | SB12 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| SB | Tunnel | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 110 | LF | G | 2,090.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| SB | Tunnel | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 110 | LF | G | 2,420.00 |
| SB | Tunnel | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 13,14,15 | 4 | EA | G | 82.00 |
| SB | Tunnel | B1 Mudded Joint Packings on Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 13,14,15 | 2 | EA | G | 48.00 |
| SB | Tunnel | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 8 | EA | G | 192.00 |
| B | Tunnel to Statehouse | C1 Vinyl Floor Tile 9" x 9" | Quantified To The Fire Doors. | | YES | 94 | 3780 | SF | G | 7,371.00 |
| B | Tunnel to Statehouse, E. End | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| B | Tunnel to Statehouse, Pipe Chase | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 8" | YES | 10,11,12 | 540 | LF | G | 10,260.00 |
| B | Tunnel to Statehouse, Pipe Chase | A1 Preformed Mag/Cal Block Pipe Insulation | Steam Supply & Return | 12" | YES | 10,11,12 | 540 | LF | G | 11,880.00 |
| B | Tunnel to Statehouse, Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Water | 18" | YES | 19,20,21 | 8 | EA | G | 192.00 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 4" | YES | 34,35,36 | 6 | EA | G | 102.00 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 17 | EA | G | 348.50 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 11 | EA | G | 187.00 |
| B | N. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 12" | YES | 43,44,45 | 2 | EA | G | 48.00 |
| B | N. AHU Room | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1450 | SF | G | 17,255.00 |
| B | N. AHU Room | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| B | Old Electrical Shop (s. end of chiller rm mezz) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| B | Chiller Room Mezzanine(B80) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 5 | EA | G | 102.50 |
| B | Chiller Room Mezzanine(B80) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 12" | YES | 43,44,45 | 5 | EA | G | 120.00 |
| B | Chiller Room Mezzanine(B80) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | S. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 23 | EA | G | 471.50 |
| B | S. AHU Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | S. AHU Room | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 670 | SF | G | 7,973.00 |
| B | Kitchen | D4 Ceiling Tile 2' x 4' | Vinyl Faced | | NO | 86 | 1650 | SF | | N/A |
| B | Kitchen, Above Drop Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 880 | SF | G | 10,472.00 |
| B | Kitchen, Pantry | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 470 | SF | | N/A |
| B | Kitchen, Pantry, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 350 | SF | G | 4,165.00 |
| B | Kitchen, Bakery | D4 Ceiling Tile 2' x 4' | Vinyl Faced | | NO | 86 | 200 | SF | | N/A |
| B | Kitchen, Office | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 140 | SF | | N/A |
| B | Kitchen, Office | C1 Vinyl Floor Tile 9" x 9" | Blue | | YES | 111 | 140 | SF | G | 273.00 |
| B | Cafeteria (incl gym) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| B | Cafeteria (incl gym) | C2 Vinyl Floor Tile 12" x 12" | Tan | | NO | 112 | 4416 | SF | | N/A |
| B | Cafeteria (incl gym) | C2 Vinyl Floor Tile 12" x 12" | Brown | | NO | 113 | 2760 | SF | | N/A |
| B | Cafeteria (incl gym) | C2 Vinyl Floor Tile 12" x 12" | Green-Blue | | NO | 114 | 1794 | SF | | N/A |
| B | Cafeteria (incl gym) | D3 Ceiling Tile 2' x 2' | Tan | | NO | 87 | | | | N/A |
| B | Cafeteria (incl gym) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 2980 | SF | G | 35,462.00 |
| B | Cafeteria Serving Area | D4 Ceiling Tile 2' x 4' | Vinyl Faced | | NO | 86 | 2000 | SF | | N/A |
| B | Cafeteria Serving Area | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 1350 | SF | G | 16,065.00 |
| B | Conference Room | D3 Ceiling Tile 2' x 2' | Tan | | NO | 87 | 800 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Conference Room | N1 Gypsum Board w/Joint | | | NO | 135 | | | | N/A |
| B | N. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 1200 | SF | G | 2,340.00 |
| B | N. Hall | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | N. Hall, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 510 | SF | D | 6,069.00 |
| B | Rm B22 (Electrical Room) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 6" | YES | 25,26,27 | 3 | EA | G | 61.50 |
| B | Rm B22 (Electrical Room), Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 350 | SF | G | 4,165.00 |
| B | Rm B22 (Electrical Room) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| B | Rm B30 | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| B | Rm B30 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B30 | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 850 | SF | G | 1,657.50 |
| B | Rm B30, Under Compact Shelving | C2 Vinyl Floor Tile 12" x 12" | Tan | | YES | 115 | 50 | SF | G | 97.50 |
| B | Rm B30, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 180 | SF | G | 2,142.00 |
| B | Rm B32 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B32 | D4 Ceiling Tile 2' x 4' | Fissures Parallel to Length | | NO | 88 | 20 | SF | | N/A |
| B | Rm B32 | D4 Ceiling Tile 2' x 4' | Circular Wormholes | | NO | 83 | | | | N/A |
| B | Rm B32 | C2 Vinyl Floor Tile 12" x 12" | Light Blue | | YES | 97 | 1250 | SF | G | 2,437.50 |
| B | Rm B32, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 240 | SF | G | 2,856.00 |
| B | Rm B44 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B44 | N1 Gypsum Board w/Joint | | | NO | 136 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Rm B44 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 1600 | SF | G | 3,120.00 |
| B | Rm B44, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 800 | SF | G | 9,520.00 |
| B | Rm B48 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B48 | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, White & Tan | | YES | 96 | 560 | SF | G | 1,092.00 |
| B | Rm B48, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 35 | SF | G | 416.50 |
| B | Rm B50 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 1300 | SF | G | 2,535.00 |
| B | Rm B50 | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 1020 | SF | | N/A |
| B | Rm B50 | D4 Ceiling Tile 2' x 4' | LG Rough Wormholes & Pinholes | | NO | 85 | 280 | SF | | N/A |
| B | Rm B50, Above Drop Ceiling | D1 Acoustical Tile 1' x 1' | large random holes | | NO | 89 | 1300 | SF | | N/A |
| B | Rm B50, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 440 | SF | G | 5,236.00 |
| B | Rm B52 | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 140 | SF | G | 273.00 |
| B | Rm B52 | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 100 | SF | | N/A |
| B | Rm B52 | D1 Acoustical Tile 1' x 1' | large random holes | | NO | 89 | 50 | SF | | N/A |
| B | Rm B60 | N1 Gypsum Board w/Joint Compound | | | NO | 137 | | | | N/A |
| B | Rm B60 | C1 Vinyl Floor Tile 9" x 9" | green w/ white | | YES | 99 | 840 | SF | G | 1,638.00 |
| B | Rm B60, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 750 | SF | G | 8,925.00 |
| B | Rm B60 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | Hall, E. of S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | green w/ white | | YES | 99 | 100 | SF | G | 195.00 |
| B | Hall, E. of S. Stairwell | D4 Ceiling Tile 2' x 4' | Non-Suspect Fiberglass Material | | NO | | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Hall, E. of S. Stairwell, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 200 | SF | G | 2,380.00 |
| B | Hall, E. of S. Stairwell, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Hall, E. of S. Stairwell, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| B | Rm B71 | C1 Vinyl Floor Tile 9" x 9" | green w/ white | | YES | 99 | 2150 | SF | G | 4,192.50 |
| B | Rm B71 | D4 Ceiling Tile 2' x 4' | | | NO | 116 | 2150 | SF | | N/A |
| B | Rm B71 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 24 | EA | G | 492.00 |
| B | Rm B71 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 14 | EA | G | 238.00 |
| B | Rm B71 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 2524 | SF | D | 30,035.60 |
| B | Rm B71 | N5 Wall Board | | | NO | 57 | 456 | SF | | N/A |
| B | S. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 900 | SF | G | 1,755.00 |
| B | S. Hall | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 900 | SF | | N/A |
| B | S. Hall, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 450 | SF | SD | 5,355.00 |
| B | W. Hall | C1 Vinyl Floor Tile 9" x 9" | Reddish Tan | | YES | 94 | 220 | SF | G | 429.00 |
| B | W. Hall | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 220 | SF | | N/A |
| B | W. Hall, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 125 | SF | D | 1,487.50 |
| B | Rm B51 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 175 | SF | G | 341.25 |
| B | Rm B51 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B51, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 12 | SF | G | 142.80 |
| B | Rm B51 | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | Center Stairwell | C2 Vinyl Floor Tile 12" x 12" | off-white | | NO | 100 | 140 | SF | | N/A |
| B | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| B | Restrooms Toilets Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 6 | EA | G | 102.00 |
| B | Restrooms Sinks Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 20 | EA | G | 340.00 |
| B | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Women's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Rm B50, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| B | Rm B50, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 6 | EA | G | 102.00 |
| B | Rm B50, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Rm B60, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| B | Rm B60, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| B | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| B | Women's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Kitchen, Office, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 10 | SF | G | 119.00 |
| 7TH | Offices, Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 8TH | Offices, Throught, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| B | Chiller Room Mezzanine, West End | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 10 | EA | G | 205.00 |
| B | Chiller Room Mezzanine, West End | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| B | Kitchen Office | C5 Floor Covering | baseboard | | NO | 142 | 20 | SF | | N/A |
| B | Rm B40, Outer Room | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 100 | SF | G | 195.00 |
| B | Rm B40, Outer Room | D4 Ceiling Tile 2' x 4' | small dents and pinholes | | NO | 90 | 100 | SF | | N/A |
| B | Rm B40, Outer Room | D4 Ceiling Tile 2' x 4' | Fissures Parallel to Length | | NO | 88 | 10 | SF | | N/A |
| B | Rm B40, Outer Room, Above Drop Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 100 | SF | | N/A |
| B | Rm B40, Outer Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 25 | SF | G | 297.50 |
| B | Rm B40, Inner Room | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 100 | SF | G | 195.00 |
| B | Rm B40, Inner Room, Above Drop Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 100 | SF | | N/A |
| B | Rm B40, Inner Room | D4 Ceiling Tile 2' x 4' | Fissures Parallel to Length | | NO | 88 | 100 | SF | | N/A |
| B | Custodial Supervisor's Office | D3 Ceiling Tile 2' x 2' | drop edge, rough texture | | NO | 92 | 100 | SF | | N/A |
| B | Maintenance Office | D3 Ceiling Tile 2' x 2' | drop edge, rough texture | | NO | 92 | 900 | SF | | N/A |
| B | Rm B30, Vault | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 2400 | SF | G | 4,680.00 |
| B | Rm B30, Vault, Above Vault | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 400 | SF | G | 4,760.00 |
| B | Rm B50, N.E. Room | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 400 | SF | G | 780.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Rm B50, N.E. Room | D4 Ceiling Tile 2' x 4' | small dents and pinholes | | NO | 90 | 400 | SF | | N/A |
| B | Rm B50, N.E. Room, Above Drop Ceiling | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 400 | SF | | N/A |
| B | Rm B50, N.E. Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 7 | EA | G | 119.00 |
| B | Rm B50, N.E. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| B | Rm B50, N.E. Room | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 40 | SF | G | 476.00 |
| B | Rm B50, S.E. Room | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 400 | SF | G | 780.00 |
| B | Rm B50, S.E. Room | D1 Acoustical Tile 1' x 1' | large random holes | | NO | 89 | 400 | SF | | N/A |
| B | Rm B50, S.E. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| B | Rm B50, S.E. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 6 | EA | G | 102.00 |
| B | Rm B50, S.E. Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 50 | SF | G | 595.00 |
| B | Rm B26 | D4 Ceiling Tile 2' x 4' | LG Rough Wormholes & Pinholes | | NO | 85 | 240 | SF | | N/A |
| B | Rm B26, Under Carpet | C2 Vinyl Floor Tile 12" x 12" | Tan w/Brown | | YES | 127 | 240 | SF | G | 468.00 |
| B | Rm B24 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | G | 714.00 |
| B | Rm B24 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Steam Supply & Return | 4" | YES | 16,17,18 | 4 | EA | G | 68.00 |
| B | Rm B24 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| B | Rm B24 | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | B44, S. Room | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 400 | SF | G | 780.00 |
| B | B44, S. Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 400 | SF | | N/A |
| B | B44, S. Room | N1 Gypsum Board w/Joint | | | NO | 136 | 180 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | B44, S. Room, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 4 | EA | G | 82.00 |
| B | B44, S. Room, above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 3 | EA | G | 51.00 |
| B | B44, S. Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 280 | SF | G | 3,332.00 |
| B | Snack Bar Area | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| B | Snack Bar Area | C2 Vinyl Floor Tile 12" x 12" | Tan w/ Brown and Tan Specks | | NO | 125 | 225 | SF | | N/A |
| B | Snack Bar Area, N. End | U5 Site Mixed Products | TextuRed Paint | | NO | 122,123,124 | 225 | SF | | N/A |
| B | Snack Bar Area, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | SD | 1,785.00 |
| B | Snack Bar Storage | C2 Vinyl Floor Tile 12" x 12" | Brown Mottled Pattern | | NO | 126 | 60 | SF | | N/A |
| B | Snack Bar Storage | D4 Ceiling Tile 2' x 4' | Fissures & Large Pinholes | | NO | 84 | 60 | SF | | N/A |
| B | Snack Bar Storage, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 10 | SF | G | 119.00 |
| B | Rm B54 | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 200 | SF | G | 390.00 |
| B | Rm B54 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 200 | SF | | N/A |
| B | Rm B54, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 800 | SF | G | 9,520.00 |
| B | Rm B54 | D4 Ceiling Tile 2' x 4' | Small Dents & Pinholes | | NO | 90 | 800 | SF | | N/A |
| B | Rm B54 | D1 Acoustical Tile 1' x 1' | Large Random Holes | | NO | 89 | 1200 | SF | | N/A |
| B | Rm B54, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 8 | EA | G | 164.00 |
| B | Rm B54, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 9 | EA | G | 153.00 |
| B | Rm B54, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| B | Rm B54 | C1 Vinyl Floor Tile 9" x 9" | Tan w/ Brown & White | | YES | 98 | 1200 | SF | G | 2,340.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| B | Rm B56 | C1 Vinyl Floor Tile 9" x 9" | White w/ Green | | YES | 95 | 600 | SF | G | 1,170.00 |
| B | Rm B56 | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | 600 | SF | | N/A |
| B | Rm B56, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 750 | SF | G | 8,925.00 |
| B | Rm B56, Above Celing | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 6 | EA | G | 123.00 |
| B | Rm B56, Above Ceiling | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 4 | EA | G | 68.00 |
| B | Rm B58 | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 340 | SF | G | 4,046.00 |
| 4TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 26000 | SF | | N/A |
| 4TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 4TH | Offices,- W. Hall area, Ceiling | N1 Gypsum Board w/Joint | | | NO | 140 | | | | N/A |
| 4TH | Offices, N. of AHU RM, Wall | N1 Gypsum Board w/Joint | | | NO | 140 | | | | N/A |
| 4TH | AHU Rm ( RM 401) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 60 | SF | D | 714.00 |
| 4TH | Women's Restroom Entry, Air Intake | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | SD | 357.00 |
| 4TH | Women's Restroom Entry, Air Intake | E2 Fire Proofing Trowel Finished | | | NO | 64,65 | 40 | SF | | N/A |
| 5TH | AHU Rm (RM 501) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 5TH | AHU Rm (RM 501) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 5TH | AHU Rm (RM 501) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 5TH | AHU Rm (RM 501) | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 100 | SF | | N/A |
| 5TH | AHU Rm (RM 501) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/CW) | 8" | YES | 34,35,36 | 9 | EA | G | 184.50 |
| 5TH | AHU Rm (RM 501) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 5TH | AHU Rm (RM 501) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 5TH | AHU Rm (RM 501) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 5TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 5TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 5TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 5TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26000 | SF | G | 50,700.00 |
| 5TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 66,67 | 26000 | SF | | N/A |
| 5TH | Offices Throughout, Behind unit ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 5TH | Office N. of AHU Rm, Wall | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 6TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 24 | EA | G | 408.00 |
| 6TH | Men's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | Men's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 6TH | Women's Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 6TH | Women's Restoom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 6TH | Women's Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 6TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 6TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 6TH | Lobby, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 1065 | SF | | N/A |
| 6TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 6TH | E. Office Entryway | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 6TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 6TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 6TH | E. Office Entryway, Above Ceiling | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 280 | SF | | N/A |
| 6TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 6TH | Custodian's Room | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | AHU Rm (Rm 601) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 6TH | AHU Rm (Rm 601) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 6TH | AHU Rm (Rm 601) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 6TH | AHU Rm (Rm 601) | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 100 | | | N/A |
| 6TH | AHU Rm (Rm 601) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 9 | EA | G | 184.50 |
| 6TH | AHU Rm (Rm 601) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 6TH | AHU Rm (Rm 601) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 6TH | N.Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 6TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 6TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 6TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26000 | SF | G | 50,700.00 |
| 6TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 68,69 | 26000 | SF | | N/A |
| 6TH | Offices Throughout, Behind Air Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 6TH | Office N. of AHU Rm, Wall | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 7TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 7TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Womens Restoom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 7TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 7TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 7TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 1065 | SF | G | N/A |
| 7TH | East Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 7TH | East Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 271 | SF | | N/A |
| 7TH | East Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 371 | SF | G | N/A |
| 7TH | Mens Room, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 7TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 7TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 7TH | E. Office Entryway, above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 7TH | AHU Rm (Rm 701) | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 100 | SF | | N/A |
| 7TH | AHU Rm (Rm 701) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & Yellow | | YES | 96 | 80 | SF | D | 156.00 |
| 7TH | AHU Rm (Rm 701) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 7TH | AHU Rm (Rm 701) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 7TH | AHU Rm (Rm 701) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 7TH | AHU Rm (Rm 701) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | | 1,190.00 |
| 7TH | AHU Rm (Rm 701) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 7TH | AHU Rm (Rm 701) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 7TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 7TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 7TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 7TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 7TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 7TH | Floor Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 7TH | Floor Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 7TH | Floor Throughout | E2 Fire Proofing Trowel Finished | | | NO | 70,71 | 26400 | SF | G | N/A |
| 7TH | KDOT Conference Rm 1 & 2 | D5 Ceiling Tile | Smooth, w/ Pinholes | | NO | 120 | 35 | SF | | N/A |
| 7TH | KDOT Conference Rm 1 & 2 | D5 Ceiling Tile | Cross Hatch Pattern | | NO | 121 | 225 | SF | | N/A |
| 8TH | Restroom Sinks Pipe Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 8TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 8TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 8TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 8TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 8TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 8TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 72,73 | 1065 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 8TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 8TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 8TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 271 | SF | | N/A |
| 8TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 8TH | AHU (Rm 801) | E2 Fire Proofing Trowel Finished | | | NO | 72,73 | 100 | SF | | N/A |
| 8TH | AHU (Rm 801) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 8TH | AHU (Rm 801) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 8TH | AHU (Rm 801) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 8TH | AHU (Rm 801) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 8TH | AHU (Rm 801) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 1 | EA | G | 20.50 |
| 8TH | AHU (Rm 801) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 8TH | AHU (Rm 801) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 8TH | AHU (Rm 801) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 8TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 8TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 8TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 8TH | Floor Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 8TH | Floor Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 9TH | AHU Rm (Rm 901) | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 100 | SF | | N/A |
| 9TH | AHU Rm (Rm 901) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 9TH | AHU Rm (Rm 901) | N1 Gypsum Board w/Joint | | | NO | 141 | | | | N/A |
| 9TH | AHU Rm (Rm 901) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | | 20.50 |
| 9TH | AHU Rm (Rm 901) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 9TH | AHU Rm (Rm 901) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 9TH | AHU Rm (Rm 901) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 9TH | AHU Rm (Rm 901) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 9TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 9TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 9TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 9TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 9TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 9TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 9TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 9TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 9TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 9TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 9TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 9TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 1065 | SF | | N/A |
| 9TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | | 2,677.50 |
| 9TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 9TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 271 | SF | | N/A |
| 9TH | E. Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 371 | SF | | N/A |
| 9TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 9TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 9TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | yellow w/ Brown , Tan and white | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 9TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 74,75 | 26400 | SF | | N/A |
| 9TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 10TH | AHU Rm (Rm 1001) | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 100 | SF | | N/A |
| 10TH | AHU Rm (Rm 1001) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |
| 10TH | AHU Rm (Rm 1001) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 10TH | AHU Rm (Rm 1001) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 100 | SF | G | 1,190.00 |
| 10TH | AHU Rm (Rm 1001) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| 10TH | AHU Rm (Rm 1001) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 2 | EA | G | 34.00 |
| 10TH | AHU Rm (Rm 1001) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 10TH | AHU Rm (Rm 1001) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 10TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | white w/black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | Center Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 10TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Restroom Sinks Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 10TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 10TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 10TH | Womens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 10TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 10TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 10TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 10TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 1068 | SF | | N/A |
| 10TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | G | 2,677.50 |
| 10TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Green | | NO | 117 | 100 | SF | | N/A |
| 10TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 10TH | E. Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 371 | SF | | N/A |
| 10TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | | 892.50 |
| 10TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 10TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 10TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 76,77 | 26400 | SF | | N/A |
| 10TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 4" | YES | 34,35,36 | 4 | EA | G | 68.00 |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 2 | EA | G | 41.00 |
| 11TH | AHU Rm (Rm1101) | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 100 | SF | | N/A |
| 11TH | AHU Rm (Rm1101) | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 80 | SF | G | 156.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 11TH | AHU Rm (Rm1101) | N1 Gypsum Board w/Joint | | | NO | 133-141 | | | | N/A |
| 11TH | AHU Rm (Rm1101) | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 180 | SF | G | 2,142.00 |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| 11TH | AHU Rm (Rm1101) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Condensate Return (Drain) | 4" | YES | 40,41,42 | 1 | EA | G | 17.00 |
| 11TH | AHU Rm (Rm1101) | L1 Metal Fire Door(s) | | | YES | Assumed | 2 | EA | G | 300.00 |
| 11TH | AHU Rm (Rm1101) | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 11TH | N. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | N. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | Center Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | CenterStairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | W. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | W. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | S. Stairwell | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 140 | SF | G | 273.00 |
| 11TH | S. Stairwell | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | N. Wing Raised Computer Floor | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Gray Specks | | YES | 128 | 7650 | SF | G | 14,917.50 |
| 11TH | Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 22 | EA | G | 374.00 |
| 11TH | Mens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 11TH | Mens Restroom, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 30 | SF | G | 357.00 |
| 11TH | Womens Restroom | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 11TH | Womens Restroom, Above ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 150 | SF | G | 1,785.00 |
| 11TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 210 | SF | G | 409.50 |
| 11TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 480 | SF | | N/A |
| 11TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 545 | SF | | N/A |
| 11TH | Lobby | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 1065 | SF | | N/A |
| 11TH | Lobby, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 225 | SF | | 2,677.50 |
| 11TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 100 | SF | | N/A |
| 11TH | E. Office Entryway | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 180 | SF | | N/A |
| 11TH | E. Office Entryway | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 371 | SF | | N/A |
| 11TH | E. Office Entryway, Above Ceiling | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 75 | SF | G | 892.50 |
| 11TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 11TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 26400 | SF | G | 51,480.00 |
| 11TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 78,79 | 26400 | SF | | N/A |
| 11TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 1200 | SF | | N/A |
| 12TH | AHU Rm (Rm 1200) | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 17 | EA | G | 348.50 |
| 12TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 668 | SF | | N/A |
| 12TH | Lobby | C2 Vinyl Floor Tile 12" x 12" | Red | | NO | 118 | 771 | SF | | N/A |
| 12TH | Copy Room, N.E. Corner | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 8" | YES | 34,35,36 | 1 | EA | G | 20.50 |
| 12TH | Mens Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 16 | EA | G | 272.00 |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 12TH | Mens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 112 | SF | G | 218.40 |
| 12TH | Womens Restroom Sink Chase | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Hot Water | 2" | YES | 31,32,33 | 10 | SF | G | 170.00 |
| 12TH | Womens Restroom | C1 Vinyl Floor Tile 9" x 9" | Pink | | YES | 102 | 96 | SF | G | 187.20 |
| 12TH | Offices Throughout | C1 Vinyl Floor Tile 9" x 9" | Yellow w/ Brown, Tan & White | | YES | 96 | 9800 | SF | G | 19,110.00 |
| 12TH | Offices Throughout | G1 Hard Finish Wall Plaster | | | NO | 54,55,56 | | | | N/A |
| 12TH | Offices Throughout | E2 Fire Proofing Trowel Finished | | | NO | 80,81 | 9800 | SF | | N/A |
| 12TH | Offices Throughout, Behind Unit Ventilators | Q5 Tar Products | | | NO | 129,130,131 | 400 | SF | | N/A |
| 12TH | Storeroom N. of Freight Elevator | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 2 | EA | G | 41.00 |
| 13TH | Lobby & Stairs | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 350 | SF | G | 682.50 |
| 13TH | Lobby & Stairs | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 11 | EA | G | 187.00 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 4" | YES | 25,26,27 | 9 | EA | G | 153.00 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 11 | EA | G | 225.50 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 7 | EA | G | 143.50 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 4 | EA | G | 82.00 |
| 13TH | Mechanical Room | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Chilled Drinking Water | 4" | YES | 37,38,39 | 3 | EA | G | 51.00 |
| 14TH | Lobby | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |
| 14TH | Lobby | C1 Vinyl Floor Tile 9" x 9" | White w/ Black | | YES | 93 | 95 | SF | G | 185.25 |
| 14TH | Observation Deck | G2 Hard Finish Ceiling Plaster | | | NO | 108,109,110 | | | | N/A |

| Floor | Location | Materials | Comments | Size | ACM? | Sample # | Qty | Unit | Cond | Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| 14TH | Observation Deck | C2 Vinyl Floor Tile 12" x 12" | Off-White w/ Blue & Red | | NO | 117 | 2200 | SF | | N/A |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 4" | YES | 34,35,36 | 8 | EA | G | 136.00 |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Dual Temperature (HW/ChW) | 6" | YES | 34,35,36 | 37 | EA | G | 758.50 |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 2" | YES | 25,26,27 | 3 | EA | G | 51.00 |
| 14TH | Elevator Mechanical Rm | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Roof Drain | 8" | YES | 43,44,45 | 11 | EA | G | 225.50 |
| 14TH | Elevator Mechanical Rm | J5 Duct/Air Handler Insulation | | | YES | 46,47,48 | 520 | SF | G | 6,188.00 |
| 14TH | Elevator Mechanical Rm | I4 Storage Tank Insulation | Mudded Ends On Fiberglass Insulation | | YES | 105,106,107 | 10 | SF | G | 187.50 |
| | Elevators | C2 Vinyl Floor Tile 12" x 12" | Sampled To Avoid Damage | | YES | Assumed | 160 | SF | G | 312.00 |
| | Elevators | C2 Vinyl Floor Tile 12" x 12" | Sampled To Avoid Damage | | YES | Assumed | 95 | SF | G | 185.25 |
| SB | SB6, Custodian's Storage | B4 Mudded Joint Packings on Fiberglass Pipe Insulation | Domestic Cold Water | 8" | YES | 25,26,27 | 1 | EA | G | 20.50 |

**CLIENT:** **State of Kansas**
**Department of Administration**
**Division of Facilities Management**

Contact:

Mr. Dennis Buelt
Capitol Complex Safety Coordinator
Landon State Office Building
900 SW Jackson Street, Room 653
Topeka, Kansas 66612-2210
Tel: (785) 296-4142 Fax: (785) 296-3456

**PROJECT:** **Asbestos-Containing Materials Inspection**
**Docking State Office Building**
**Topeka, Kansas**

**ENVIRONMENTAL CONSULTANT:**

***APEX ENVIRONMENTAL CONSULTANTS, INC.***

Contacts:

Larry Rowe
Environmental Specialist

Lance Tomlin
Project Manager

Christopher S. Frey
Vice President

Address: 4800 College Boulevard
Overland Park, Kansas 66211
Tel: (913) 338-APEX Fax: (913) 338-2741
e-mail: apex@4apex.com

## 1.0 EXECUTIVE SUMMARY

During July and August, 1999, APEX Environmental Consultants (APEX), Inc. conducted a thorough inspection for asbestos-containing materials (ACM) at the Docking State Office Building (DSOB) located in Topeka, Kansas. Lance Tomlin and Larry Rowe, both APEX asbestos inspectors, performed the inspection of the facility. Both Mr. Tomlin and Mr. Rowe are Asbestos Hazard Emergency Response Action (AHERA) accredited asbestos inspectors, who have received training in accordance with the Environmental Protection Agency's (EPA) Model Accreditation Plan. Mr. Tomlin's AHERA accreditation number is 7ACT032299MOIMPR-181 and Mr. Rowe's is 7ME03319901I019. Copies of their certifications are located in Section Four of this report.

The DSOB was originally constructed during the 1950's. The building consists of 16 stories, including a sub-basement, basement, mechanical room (all of 13$^{th}$ floor), and an observation deck (14$^{th}$ floor). According to documentation provided by the Division of Facilities Management, DSOB is comprised of 519,095 net square feet. General construction of the building includes a structural steel skeleton with poured concrete floors. The air handling system underwent a major renovation during the 1970's, which included demolition of old ductwork and the addition of rooms for new air handling equipment. In addition, DSOB has also undergone several limited renovations since its original construction in order to accommodate changes in occupancy groups.

The intent of the inspection of DSOB was to compile accurate and complete information regarding the presence of ACM in the structure. Such information includes locations and quantities of known ACM. In addition to this report, APEX has prepared CAD drawings that identify the locations and quantities of ACM in DSOB. These drawings serve as supplemental, graphical documentation of the ACM in DSOB. This report and the



JCSBC
2-2-2016
Att.5.--333

drawings have been compiled for the State of Kansas, Department of Administration, Division of Facilities Management in accordance with the conditions specified in APEX's Unit Price Contract with the State of Kansas Division of Architectural Services.

The ACM inspection included visual inspection, sampling, material assessment, and laboratory analysis of samples. The following sections of this report detail the inspection methodology and results of the inspection, as well as provide recommendations for handling ACM in DSOB.

## 2.0 BACKGROUND INFORMATION

Asbestos is a generic term for a group of minerals that share fiber forming, flame resistant, and indestructible qualities. The word asbestos is derived from a Greek word meaning unquenchable or indestructible.

Throughout history, most asbestos has been mined from the earth. However, where erosion (wind, rain, flowing water) has acted, it may be found on the earth's surface. Asbestos mines are not limited to any one location; they are found all over the world.

Historical evidence has shown that asbestos has many uses. Archaeologists have found that asbestos was present in sod homes built in Finland; it was used as lamp wicking, in plaster statues, and in burial clothes of kings. In medieval times, asbestos cloth was used for insulating suits of armor. King Charlemagne even had robes made of asbestos and Pope Pius IV attempted to develop an "everlasting" asbestos paper to record the written word.

It was not until the start of the 20th century and the advent of modern technology, that the benefits of asbestos gained significant strides in commercial applications. It was then that

asbestos was found to be useful for electrical, acoustical and thermal insulation and in products that resist fire, friction, and chemicals.

*Modern Day Uses*

The industrial revolution, the advancement of technology, the influence of WWI and WWII, and the population "boom" all contributed to a sharp increase in the construction and production industries in the U.S. The low cost and abundance of asbestos coupled with its indestructible and insulating properties, made asbestos an ideal material for our country's building and production needs.

New building construction and renovations to existing buildings relied heavily on the use of asbestos-containing products. Applications varied greatly. Asbestos may be found on ceilings, walls and floors, in plasters, pre-formed tile, coverings on boilers, furnaces, ductwork and piping, woven cloth for curtains, gloves and aprons, in chemistry labs, in electrical wiring, and cement products.

The benefits of asbestos-containing products have been widely recognized in the work place in the 20th century. The work place takes many forms, from public and private buildings and schools, to offices and industry. Each work place had its own special asbestos needs. To fulfill these needs, many asbestos-containing products were developed. Plasters, fireproofing, gaskets, transite pipelines, storage tank insulation, transite panels for water cooling towers, filters for liquids and gases, and power generator insulation are just a few.

*Health Concerns*

Asbestos materials have been widely used in the construction trade for many years because of properties that make them strong, durable, and provide good insulation. These products became widely used before the health effects were fully understood. Asbestos was not seen as a hazard because it has no taste, no odor, often cannot be seen, and causes

no immediate adverse health effects. Health problems develop over time. The latency period is the time from exposure to the development of disease, and can be as long as 20-40 years. Historical evidence indicates that asbestos was long suspected of causing illness, but this evidence was not conclusive.

The application of modern medical technology has produced clinical evidence to support these early suspicions. The increase in use of asbestos and occupational exposures resulted in a dramatic rise in asbestos-related illnesses. Medical studies have shown that there is a direct relationship between asbestos disease and the amount and length of exposure.

Asbestos fibers can enter the body two ways: by inhalation (breathing) or ingestion (swallowing). Asbestos cannot enter the body through the skin. The body's defenses have the ability to trap and expel many of the particles in the air we breathe. As the level of airborne fibers increases, so does the chance that asbestos fibers will bypass these defenses. Asbestos fibers are indestructible once inside the body.

Once past the body's defenses, there are a number of illnesses that may develop including asbestosis, mesothelioma, lung cancer, and other cancers. In order to be a health risk, asbestos fibers must be released from the material and be present in the air for people to breath. The composition of the asbestos-containing material will influence fiber release. When a material is easy to crush or crumble with one’s hand when it is dry, it is referred to as friable. The greater the friability, the greater the likelihood that fibers will be released.

Personal and family health history and lifestyle must be considered when evaluating the risk of the development of asbestos-related illnesses. For example, asbestos exposure and cigarette smoking together have been shown to greatly increase the risk of lung cancer than each do separately.

When asbestos exposure is possible or unavoidable, respirators should be used, and may be required, depending on the level of airborne fibers. The chance of breathing asbestos fibers is greatly reduced (or eliminated) by using appropriate respiratory protection. Some respirators use special filters to trap fibers; others supply the user with clean air from tanks or from outside the work area. Some work situations may call for additional protective equipment, such as coveralls, gloves, goggles and foot coverings.

*Fiber Release*

Asbestos-containing products may be identified by content labels from the manufacturer, distributor, or installer. If these labels are not available, laboratory analysis should be performed on samples of the material in question. Facilities governed by regulatory requirements, such as schools, must locate and identify ACM. Once identified, a plan for managing the asbestos materials (the management plan) must be developed. Though not required for DSOB, APEX strongly encourages the development and implementation of a management plan or version thereof.

Asbestos fiber release may result from either day-to-day natural breakdown or accidental or intentional physical damage. Asbestos regulations established by the federal government and State of Kansas provide guidelines that control responses to fiber release situations. Given the above considerations, APEX recommends that the Division of Facilities Management inform building employees, building occupants, vendors and others, of the locations of ACM within DSOB. The general idea is that informed individuals are less likely to disturb ACM than those who know nothing about it.

## 3.0 ACM INSPECTION METHODOLOGY

The asbestos inspection of DSOB was performed in accordance with EPA asbestos inspection guidelines, utilizing the AHERA assessment, sampling, and analytical protocols (ref: 40 CFR 763). Survey criteria included a thorough inspection of the

interior and exterior of DSOB to identify suspect ACM. The survey also included a thorough review of available building plans to assist in determining the exact locations of ACM. Please note, however, that samples were not obtained from roofing materials, as invasive sampling causes damage to roofing systems and will likely void warranties on the roof.

Suspect materials were divided into three categories, in accordance with EPA sampling protocol. These categories consist of surfacing materials, thermal system insulation (TSI), and miscellaneous materials. EPA categorizes these materials in the following manner:

Surfacing Material: A material in a building that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

TSI: Material applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior mechanical components to prevent heat loss or gain, or water condensation, or for other purposes.

Miscellaneous Materials: Interior building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include surfacing or TSI materials. Many suspect materials commonly found on the exterior of buildings are also included in this category, such as roofing materials, asbestos cement board (transite), etc.

Suspect materials were grouped together by homogeneous sampling areas. A homogeneous sampling area contains material that is uniform in texture and color and appears to be identical in every other respect. Building materials that were installed at different times or that do not appear to be similar in any other way are considered separate homogeneous materials/areas.

The number of samples collected was determined by EPA (AHERA) protocol. According to EPA regulations, the following *minimum* number of samples are required to be collected for each homogeneous material identified:

*Surfacing Materials*

| **Size of Sampling Area** | **Minimum Number of Samples to be Collected*** |
|---|---|
| Less than 1,000 sq. ft. | 3 |
| Between 1,000 and 5,000 sq. ft. | 5 |
| Greater than 5,000 sq. ft. | 7 |

*Thermal System Insulation*

| **Size of Sampling Area** | **Minimum Number of Samples to be Collected*** |
|---|---|
| Greater than six sq. or lin. ft. | 3 random |
| Less than six sq. or lin. ft. | 1 random |
| Patched area (less than six sq. or lin. ft.) | 1 random |

*Miscellaneous Materials*

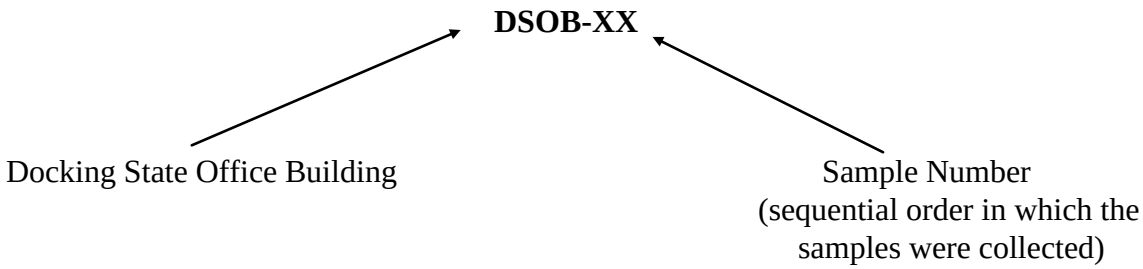
| **Size of Sampling Area** | **Minimum Number of Samples to be Collected*** |
|---|---|
| Any size of sampling area | 1 random |

* If any one of the samples of a homogeneous material tests positive (> 1%) for asbestos fibers, the material is considered to be asbestos-containing. Also, general industry inspection guidelines generally recommend that more samples be collected of certain suspect materials, as determined necessary by the field inspector.

Sample locations were selected in a manner to ensure that they were representative of the homogeneous sampling area. When more than one sample of a homogeneous material was collected, the samples were distributed evenly throughout the sampling area (ref: EPA guidance publication *Simplified Sampling Scheme for Friable Surfacing Materials* -

EPA 560/5-85-030a-Oct., 1985). The inspector visually divided each sampling area into equal sections (grid-like pattern). For example, when five samples were required to be collected, the homogeneous sampling area was divided into five equal sections. One sample was then collected out of each of the sections to fulfill the sampling requirement for that particular material. By establishing a grid-like pattern, randomness in sample collection is assured.

Unique sample numbers were assigned to each bulk sample that was collected. The numbering scheme was simplified in order to minimize possible confusion in interpreting results. Please refer to the following sample numbering scheme when reviewing the bulk sample results:




Bulk samples of suspect ACM were sent to Schneider Laboratories, an independent NVLAP-accredited laboratory, for analysis. The samples were analyzed via polarized light microscopy (PLM) coupled with dispersion staining techniques in accordance with the method for the determination of asbestos in bulk material samples (ref: EPA 600/M4-82-20). For your information, the EPA considers a material to be asbestos-containing if it contains greater than one percent (1%) asbestos.

In addition to the collection of bulk samples from suspect ACM, several suspect materials were assumed (presumed, according to OSHA's definition) to be asbestos-containing. These included materials that had limited access, such that sampling was prohibited, or materials that would have sustained substantial damage due to the sampling process. Please note that under EPA (AHERA) regulations, an inspector is permitted to assume

that a suspect material is ACM, in lieu of sampling it. EPA/OSHA require assumed/presumed ACM to be treated as ACM.

The EPA considers the following materials to be non-suspect ACM, and consequently, they were not sampled:

- Glass
- Metal
- Concrete
- Brick
- Fiberglass
- Rubber
- Foam

## 4.0 RESULTS OF INSPECTION

Accessible areas/rooms were entered and inspected in order to identify ACM. Please note that crawlspaces underneath, and adjacent to, the building were not inspected since the scope of inspection work did not include these spaces. The data contained in this report has been compiled based upon visible and accessible materials. APEX did not perform selective wall/chase demolition in order to discern hidden areas of insulation and other suspect ACM. Without at least partial demolition to some walls/pipe chases and ceiling systems, 100% accuracy of the data contained herein is not possible. During the inspection, however, the heating, ventilation and air conditioning (HVAC) systems and water supply piping was traced to the best of our ability in order to minimize the chances of thermal system insulation being missed within wall/ceiling cavities.

A total of 142 bulk samples were collected from suspect ACM during the inspection. All of the suspect materials identified during the inspection are listed by material type and location on the Suspect Materials Inventory spreadsheets, located in Section Two of this report. The spreadsheets are comprised of eleven columns, each with specific information regarding a particular suspect material. The columns are defined in the following manner:

*Column 1*

**Floor** Indicates the floor on which the suspect material is found.

*Column 2*

**Location** Identifies the room, area, or location of the suspect material.

*Column 3*

**Materials** Identifies the suspect building material, based upon homogeneous sampling groups. Please note that the two-digit code listed with each material is a code used by APEX in identifying suspect material groupings.

*Column 4*

**Comments** Lists comments made by inspectors during the inspection that further describe each material inspected, such as color, size (if floor or ceiling tile), system, etc.

*Column 5*

**Size** Applicable only for thermal pipe insulation, this column identifies the outer diameter size of suspect material observed.

*Column 6*

**ACM?** Identifies whether the suspect material tested positive or negative for asbestos.

*Column 7*

**Sample #** Provides the sample number(s) for bulk samples collected for the particular homogeneous sampling area. These sample numbers can be cross-referenced with the bulk sample analytical results provided in Section Three of this report. Please note that if a material is listed as "assumed," then it is considered to be asbestos-containing.

*Column 8*

**Qty** This column identifies the approximate quantity of the given material for the specified location. Please note that quantities are not provided for the materials that tested negative for asbestos.

*Column 9*

**Unit** Unit of measure used in listing the quantity of each material. EA = each, LF = linear feet, SF = square feet.

*Column 10*

**Condition** Identifies whether the material was noted to be in good condition (G), damaged condition (D), or significantly damaged condition (SD). Please note that condition assessments were not performed for all of the non-ACM materials.

*Column 11*

**Cost** Provides an approximate abatement cost for the material, excluding a cost for a replacement. Please note that the cost is based on the current industry average for abatement of like materials. The cost may vary depending on the size of a particular abatement project. Also, please note that abatement costs were not provided for non-ACM materials.

As noted above, the bulk sample analytical documentation is located in Section Three of this report.

## 5.0 RECOMMENDATIONS

In order to comply with federal and State of Kansas regulations governing the disturbance, potential employee exposure, and proper disposal of ACM, APEX recommends that all ACM be properly addressed prior to the start of any renovation or maintenance activity that could possibly disturb ACM. Such ACM must removed by properly qualified firms and individuals.

When reviewing the Suspect Materials Inventory spreadsheets, please note the condition assessments in column 10. APEX recommends that the following courses of action be taken given the condition listed:

Good Condition (G): Maintain ACM in good condition. Periodically reinspect material to determine whether a change in condition has taken place.

Damaged Condition (D): Repair damaged portion(s) of ACM to an intact condition. Control source of damage where possible. Implement Operations and Maintenance

| | |
|---|---|
| | Program (described below). Periodically reinspect material to determine whether a change in condition has taken place. |
| Significantly Damaged Condition (SD): | Remove ACM as soon as feasible. Isolate room/area where damage is noted and only permit access to properly qualified and protected individuals. Replace ACM with non-asbestos material. |

Considering the likelihood that much of the ACM will remain in DSOB for many years into the future, APEX recommends that the Division of Facilities Management consider the development and implementation of an asbestos operations and maintenance (O&M) program to help manage the ACM within the building. O&M programs have proven to be quite successful in similar settings. The goal of an O&M program is to systematically control the asbestos-containing materials present in a facility. This program should remain in effect until all asbestos-containing materials have been removed. Key elements of an O&M program include:

a. Written Emergency Procedures:
A written O&M Plan includes step-by-step procedures outlining the exact course of action recommended in the event of an accidental disturbance of ACM.

b. Warning and Notification System:
An O&M Plan includes instructions for placing warning labels at all locations of asbestos-containing materials. The plan contains procedures for formally notifying employees, vendors, contractors, and others of the locations of ACM within the building. These two functions create an integrated, well-planned notification system. The intent is to provide information in accordance with OSHA's General Industry and Construction Asbestos Standards.

c. Recordkeeping System:
A thorough recordkeeping system accurately documents the actions in the plan and the status of the program.

d. In-House Materials Monitoring:
All asbestos materials should be routinely monitored and inspected for changes in material condition. Any change in the use of the ACM should be noted with appropriate control measures utilized.

e. Employee Training:
The O&M Program provides for awareness training of all employee groups who may come into contact with asbestos materials, particularly building services employees (e.g., maintenance personnel, janitors, custodians, etc.).

f. Asbestos Control Procedures:
Outline work procedures for trained staff members for the repair, limited removal, and clean-up of ACM.

**CLIENT:** **State of Kansas**
**Department of Administration**
**Division of Facilities Management**

Contact:

Mr. Dennis Buelt
Capitol Complex Safety Coordinator
Landon State Office Building
900 SW Jackson Street, Room 653
Topeka, Kansas 66612-2210
Tel: (785) 296-4142 Fax: (785) 296-3456

**PROJECT:** **Lead-Based Paint Inspection**
**Docking State Office Building**
**Topeka, Kansas**

**ENVIRONMENTAL CONSULTANT:**

***APEX ENVIRONMENTAL CONSULTANTS, INC.***

Contacts:

Blair Barnes
Senior Environmental Specialist

Lance Tomlin
Project Manager

Christopher S. Frey
Vice President

Address: 4800 College Boulevard
Overland Park, Kansas 66211
Tel: (913) 338-APEX Fax: (913) 338-2741
e-mail: apex@4apex.com

## 1.0 EXECUTIVE SUMMARY

During August and September, 1999, APEX Environmental Consultants (APEX), Inc. conducted an inspection for lead-based paint (LBP) at the Docking State Office Building (DSOB) located in Topeka, Kansas. Blair Barnes and Lance Tomlin, both APEX LBP inspectors, performed the inspection of the facility. Mr. Barnes and Mr. Tomlin have both been trained in accordance with the Environmental Protection Agency's (EPA) Model Lead Inspector Training program. Mr. Barnes' training certification number is 7ME10289903DIR007 and Mr. Tomlin's is 7ME10289903DIR006. Copies of their currentcertifications are located in Section Three of this report.

The DSOB was originally constructed during the 1950's. The building consists of 16 stories, including a sub-basement, basement, mechanical room (all of 13$^{th}$ floor), and an observation deck (14$^{th}$ floor). According to documentation provided by the Division of Facilities Management, DSOB is comprised of 519,095 net square feet. General construction of the building includes a structural steel skeleton with poured concrete floors. Most of the floors consist of large, open rooms. The air handling system underwent a major renovation during the 1970's, which included demolition of old ductwork and the addition of rooms for new air handling equipment. In addition, DSOB has also undergone several limited renovations since its original construction in order to accommodate changes in occupancy groups. Due to the multiple renovations, the building exhibits varying painting histories.

The intent of the inspection of DSOB was to compile accurate and complete information regarding the presence of LBP in the structure. The testing was performed on a variety of surface coatings including: paint; stains; and varnishes. Multiple building components were tested in all functional areas of the building, including testing of common areas and exterior components. In addition to this report, APEX has prepared CAD drawings that

identify the locations of LBP in DSOB. These drawings serve as supplemental, graphical documentation of the LBP in DSOB. This report and the drawings have been compiled for the State of Kansas, Department of Administration, Division of Facilities Management in accordance with the conditions specified in APEX's Unit Price Contract with the State of Kansas Division of Architectural Services.

The LBP inspection included visual inspection, sampling, and material assessment. The following sections of this report detail the inspection methodology and results of the inspection, as well as provide recommendations for handling LBP in DSOB.

## 2.0 BACKGROUND INFORMATION

Lead is a known health hazard. It is also a major potential public health risk. At greatest risk are children under the age of six because they are undergoing rapid neurological and physical development. Adults may also suffer various ailments from excessive lead in their blood. Excessive blood lead levels can seriously damage the brain and central nervous system. Overexposure to lead is one of the most common overexposures found in industry, with the potential for exposure occurring from numerous sources, such as paint pigments, automobile and industrial emissions, etc. In general populations, lead may be present at hazardous concentrations in food, water, and air.

Historically, lead was added to primers and paints to increase durability and prevent corrosion of steel structures. The use of lead-based paints was not necessarily restricted to steel structures, however, and as a consequence lead hazards in buildings come primarily from the presence of lead-based paints. The mere presence of lead-based paint does not constitute a hazard. Rather, the risk depends upon the location and condition of the paints, the potential for human exposure, and the way the painted surface is treated. Damaged paints and/or surfaces subjected to disturbance or abrasive action are more likely to release lead dust or debris, possibly resulting in exposure. In addition, chips from

damaged or deteriorated exterior paint can fall into surrounding soils, possibly resulting in contamination.

The following sections offer general guidance for managing and working around lead-based paints. Although targeted to facilities and maintenance personnel, they are applicable in any situation where lead-based paints are to be cleaned, removed, or repainted, as well as situations where damaged or deteriorated lead-based paints are encountered.

*Routes of Exposure*

Industries with particularly high potential exposures include: construction work involving welding, cutting, brazing, blasting, etc., on lead-painted surfaces; most smelter operations either as a trace contaminant or as a major product; secondary lead smelters where lead is recovered from batteries; radiator repair shops; and firing ranges. Oral ingestion may represent a major route of exposure in contaminated workplaces. Lead soldering usually does not represent an inhalation risk since controlling temperature of lead below 900°F (melting temperature = 621°F) is effective in controlling lead fuming. Most exposures occur with inorganic lead. Organic (tetraethyl and tetramethyl) lead, which was added to gasoline up until the late 1970s, is not commonly encountered. Organic forms may be absorbed through the skin, while inorganic forms cannot. Inorganic lead is not metabolized, but is directly absorbed, distributed and excreted. The rate depends on its chemical and physical form and on the physiological characteristics of the exposed person (e.g., nutritional status and age). Once in the blood, lead is distributed primarily among three compartments – blood, soft tissue (kidney, bone marrow, liver, and brain) and mineralizing tissue (bones and teeth). Absorption via the gastrointestinal track following ingestion is highly dependent upon presence of levels of calcium, iron, fats and proteins.

*Lead-Based Paint Management*

In most instances, lead-based paints can be managed in place as long as they remain in good condition. Such management includes cleaning up excessive occurrences of LBP chips and/or lead dust when found. In addition, preventive maintenance and periodic cleaning are valuable means to prevent deterioration of lead-based paints on surfaces and building components. Finally, such management requires that precautions be taken to avoid inadvertently disturbing lead-based paints in the course of routine maintenance, repair, or renovation work. If deteriorated or damaged lead paints are discovered, the surface should be repaired and repainted to restore the integrity of the paint film and control further deterioration of the paint. Corrective action for this problem might include removal of loose paint and dust, cleaning of the surface, and repainting to seal the surface. For interior surfaces, greater attention should be given to exposure control, cleanup, and confirmatory testing but, in any event, all of these activities must be conducted in accordance with applicable regulations and safety precautions, as described below.

*Worker Protection*

Any construction-type activity that may disturb a surface where lead is present (at any concentration) must be completed in accordance with OSHA's Lead Standard (29 CFR 1926.62). Covered activities include renovation, maintenance, repair work, and repainting (other than routine, minor surface prep and repainting where no deteriorated paint is present). Certain tasks, particularly manual demolition of structures (i.e., drywall), dry manual scraping or sanding, heat gun applications, and abrasive blasting, are considered by OSHA to be higher-risk and require respiratory protection for workers until air monitoring proves exposures are below the Permissible Exposure Limit (PEL). Please note that, even for tasks other than the so-called "trigger tasks" described above, the employer must prove (through monitoring or previous data) that workers are not being exposed above the PEL. Unfortunately, there is no solid correlation between the concentration of lead on a surface and the amount of airborne lead that may be created by

disturbance of the surface. The level of protection and/or precautions used will be dictated by each individual project. However, each worker should be aware of and be protected from potential lead exposures and should understand the need for proper work practices and hygiene when working with surfaces that may contain lead.

*Cleanup*

Once a maintenance or repair activity is complete, cleanup becomes the most important part of a project. Lead cleanup activities must be conducted in accordance with OSHA's Lead Standard, particularly the worker protection and hygiene provisions. As a general rule, plastic sheeting, burlap, or other appropriate material must be used to contain lead dust, paint chips, and debris. Great care must be taken to clean up any dust, paint chips, or debris that may remain once the containment material is picked up. In some cases, vacuuming with a HEPA vacuum or wet washing may be necessary to clean up the work area. Similar cleanup practices should be employed at buildings or other locations where lead-based paint is damaged or visibly deteriorated and falling onto surrounding soils.

*Waste Handling*

Waste generated during a project including, but not limited to, paint chips, stripped paint residue, protective clothing, and/or plastic sheeting, must be collected for disposal and (unless tested and proven non-hazardous) be handled as hazardous waste. Certain regulations may also apply to disposal of painted building components such as doors, trim, windows, baseboards, soffits, railings, moldings, or other building materials.

*Other Concerns*

As a general rule, each lead maintenance, renovation, demolition, or abatement project should be evaluated for several concerns in addition to those identified above. These include impact on nearby workers (i.e., noise, odors, vibration, etc.) and life-safety concerns (e.g., means of egress and effect of dust on smoke detectors). In addition, projects completed in housing or office areas may have specific tenant notification

requirements that must be followed. Project-specific conditions may require additional or alternate work practices.

## 3.0 LBP INSPECTION METHODOLOGY

Both the interior and accessible portions of the exterior of DSOB were inspected in order to determine the presence of lead in paint. Rooms/areas were selected on a random basis for testing, as necessary, in order to determine homogeneous areas of paint. Individual test locations were also randomly selected in an attempt to adequately characterize the painting histories of each component type (e.g., walls, window sills, door casings, etc.).

Testing was accomplished through the use of a portable RMD LPA-1 Spectrum Analyzer (Serial No. 1442). This device utilizes x-ray fluorescence (XRF) technology and is fully accepted and recommended by the Department of Housing and Urban Development (HUD) and the Environmental Protection Agency (EPA) for lead testing operations. Through XRF technology, HUD and EPA consider a surface coating to be lead-containing (or positive) if the concentration of lead is equal to or greater than 1.0 $mg/cm^2$. Please be advised, however, that under 29 CFR 1926.62 (the Lead Standard), the Occupational Safety and Health Administration (OSHA) does not specify a minimum concentration of lead in a painted surface for it to be considered a potential hazard. OSHA's general interpretation of 29 CFR 1926.62 requires that employers comply with the standard when lead is present at *any* concentration.

In accordance with the manufacturer's recommendations and standard industry protocol, field calibration checks of the XRF were performed at the beginning of each shift of testing and upon completion of testing. Additional calibration checks were conducted randomly during the field-testing operations. At a minimum, these calibration checks occurred at least once every four hours of testing. Calibration checks were performed through a series of three tests on a paint film standard. During the entire survey of

DSOB, the results of the calibration checks indicated that the XRF unit was calibrated in accordance with the manufacturer's standards.

## 4.0 RESULTS OF INSPECTION

As described in the Executive Summary, varying painting histories were observed inside of DSOB as the result of multiple, limited renovations that have occurred since its original construction. Despite this fact, a relatively small amount of LBP was identified during the inspection. A total of 1,088 assays (tests) were taken during the inspection, including the calibration checks. Of these 1,088 assays, 81 indicated a level of lead equal to or greater than 1.0 $mg/cm^2$, the action level established by HUD and EPA. The general component groupings that tested positive for the presence of lead at or above 1.0 $mg/cm^2$ include the following:

- Metal Electrical Boxes: Found on each floor, these electrical boxes are mostly painted gray, but in limited instances, orange or blue paint was noted.
- Stair Components: In each of the main stairwells, positive readings were obtained on metal handrails, posts, stringers, and baseboards.
- Miscellaneous Piping: In the boiler room and sub-basement, positive readings were noted on some of the painted piping, mostly gas supply lines.
- Caution-Painted Items: In several areas of the building, caution paint was found to be lead-containing. The paint colors varied from yellow to red to orange. This paint is found on concrete (striping and other caution markings), doors, catwalk poles in sub-basement, and limited other components.
- Miscellaneous Doors: Very few doors tested positive for lead. These were found in the sub-basement (painted red or yellow), in the kitchen in the

basement (painted blue), and the door casing leading to the roof on the 12th floor (painted red).

- Exterior Handrails: Painted brown or red, adjacent to the building.
- Miscellaneous Components: Only a few other components tested positive for lead. These include a tray conveyer in the kitchen and a painted elevator motor.

Please refer to the attached inspection reports found in Section Two of this report for detailed results and locations for all of the readings obtained during the inspection. The inspection reports are comprised of four sections:

- Sequential Report - lists results in order of testing;
- Summary Report - only lists results where paint tested positive or inconclusive for lead;
- Detailed Report - lists the results on a room-by-room and an area-by-area basis; and,
- Distribution Report - list results on a component-by-component basis.

The room numbers correspond to the drawings provided with this report. Also, the exact locations of the positive lead readings are identified on these drawings.

The inspection reports include ten columns, each listing unique characteristics found during the inspection for a given test location. Please utilize the following guide for interpretation of these results:

*Column 1*
**Reading No.** Indicates the assay (test) number.

*Column 2*
**Wall** Identifies the wall where the test was performed (or closest wall in some instances), either wall A, B, C, or D. Wall A is the wall that is parallel to

the address side of the building. From there, the other alls (B, C, and D) are determined in a clockwise manner.

*Column 3*
**Structure** Identifies the component on which the test was obtained.

*Column 4*
**Location** U = Upper portion/section of the component.
L = Lower portion/section of the component.
Lft = Left side, when facing the component tested.
Ctr = Center, when facing the component tested.
Rgt = Right side, when facing the component tested.
Each of the above descriptions may also be used in column 5.

*Column 5*
**Member** Provides additional distinguishable characteristics for the component tested. For instance, if a door jamb was tested, "door" would be listed under the structure column and "jamb" would be listed in this column.

*Column 6*
**Paint Condition** I = Paint is intact (good condition).
F = Paint is in fair condition.
P = Paint is in poor condition.

*Column 7*
**Substrate** Identifies the substrate over which the paint is found.

*Column 8*
**Color** This column identifies the color of paint tested.

*Column 9*
**Lead ($mg/cm^2$)** Identifies the concentration of lead found as a result of the test.

*Column 10*
**Mode** QM = Lead concentrations determined utilizing the XRF's Quick Mode function.
STD = Lead concentrations determined utilizing the XRF's Standard Mode function.

## 5.0 RECOMMENDATIONS

In order to comply with federal and State of Kansas regulations governing the disturbance, potential employee exposure, and proper disposal of LBP, APEX recommends that all LBP be properly addressed prior to the start of any renovation or maintenance activity that could possibly disturb it.

At the current time, federal regulations governing lead-based paint related activities include OSHA's Lead in Construction Standard, which governs protection of workers during work that intentionally or inadvertently impacts a lead-bearing material. OSHA regulations further require that *all* painted surfaces be considered lead-containing unless proven otherwise. Also on the federal level, the EPA regulates the disposal of lead-containing items through its Resource Conservation and Recovery Act (RCRA) regulations. At the state level, the State of Kansas only regulates LBP work activities in child occupied facilities (ref: KAR 28-72-1 through 28-72-22). A child-occupied facility is defined in these regulations as: "A building, or portion of a building, constructed before 1978, visited by the same child six years of age or under, on at least two different days within any seven consecutive days, if each day's visit lasts at least three hours and the combined weekly visits last at least six hours, and the combined annual visits last at least 60 hours. Child-occupied facilities shall include day care centers, preschools, and kindergarten classrooms." These regulations may apply to DSOB if any portions of the building are used for these purposes.

When reviewing the inspection reports, please note the condition assessments in column 6. APEX recommends that the following courses of action be taken given the condition listed:

| | |
|---|---|
| Intact Condition (I): | Maintain LBP in good condition. Periodically reinspect material to determine whether a change in condition has taken place. |

| | |
|---|---|
| Fair Condition (F): | Repair damaged portion(s) of LBP to an intact condition. Control source of damage where possible. Clean-up existing paint debris/dust and treat as contaminated. Periodically reinspect painted surface to determine whether a change in condition has taken place. |
| Poor Condition (P): | Stabilize painted surface as soon as feasible. Isolate room/area where damage is noted and only permit access to properly qualified and protected individuals. |

Since only limited amounts of LBP were identified during the inspection of DSOB, APEX does not recommend the implementation of a formalized, full-scale operations and maintenance program. We do recommend, however, that the Division of Facilities Management inform contractors and building service employees (e.g., custodians, maintenance staff, etc.) of the locations of known LBP. Considering that the LBP identified during the inspection was noted to be in good condition, APEX recommends that necessary efforts be taken in order to ensure that it is maintained in its current condition. If any of the LBP becomes damaged or if it is anticipated that any of it will be impacted, we recommend that a properly trained contractor or individual perform the work.

## 6.0 LBP REMOVAL COSTS

The costs for removal of LBP can vary almost as greatly as there are methods of removal. The following guidelines, however, can be applied to removal projects in order to determine a range for abatement costs. These costs assume the use of a licensed abatement contractor. Please note that while these costs assume full removal of a lead-bearing surface, interim controls are often much cheaper and sometimes more effective than full-scale removal. Interim controls include repairing loose or damaged paint to an

intact state, maintaining LBP in good condition, application of non-lead paint over the surface of LBP, etc.

*General Costs for LBP Removal*

Paint Removal

- Chemical Stripping .....$ 3.68 – 7.50 per SF
- Abrasive Blasting.....$ 2.10 – 17.00 per SF
- Hand Methods.....$ 0.72 – 14.00 per SF
- Mechanical Removal .....$ 1.05 – 9.90 per SF

Removal of Substrate Coated with LBP

- Demolition of Plaster.....$ 0.85 – 3.45 per SF
- Demolition of Drywall.....$ 0.80 – 3.00 per SF
- Door .....$ 55.00 – 150.00 EA
- Door Casing .....$ 70.00 – 180.00 EA
- Window.....$ 70.00 – 130.00 EA
- Window Casing.....$ 70.00 – 180.00 EA
- Baseboard, Chair Rail, Crown Molding.....$ 1.80 – 3.25 per LF
- HVAC Duct .....$ 4.00 – 14.00 per LF

Encapsulation of LBP .....$ 0.58 – 3.74 per SF

Enclosure of LBP.....$ 1.18 – 6.00 per SF

Removal of Lead-Contaminated Dust

- Interior Bare Floors and Horizontal Surfaces .....$ 2.00 – 4.00 per SF
- Carpet .....$ 6.00 – 8.00 per SF
- Exterior Concrete/Asphalt .....$ 2.25 – 4.25 per SF

Disposal of LBP Waste (Hazardous)*

- Per 55-Gallon Drum.....$ 800.00
- Per 20-Yard Container.....$ 4,000.00
- Per 40-Yard Container.....$ 5,000.00

* If waste is determined to be non-hazardous, then normal pricing for construction debris will apply.

# ASBESTOS CONTAINING MATERIALS

# DOCKING STATE OFFICE BUILDING

# INSP. BY APEX ENVIRONMENTAL CONSULTANTS, INC.

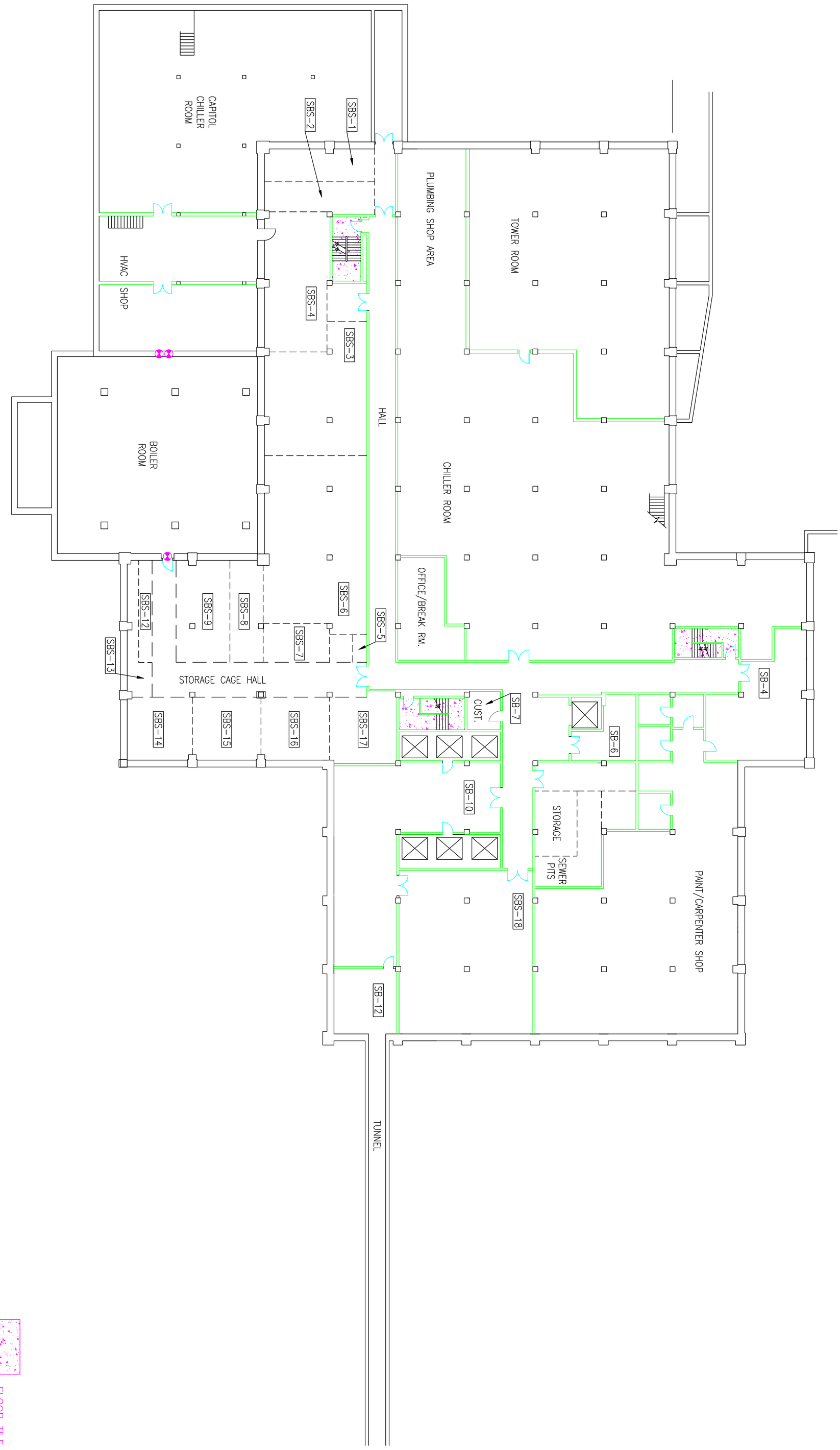
State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

DOCKING STATE OFFICE BUILDING
ASBESTOS CONTAINING MATERIALS
COVER SHEET
SCALE : N/A
DATE : 11/24/99

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-CH

SHEET :

ICSBC
2-2-2016
Att.5.-360




SHEET :

M1

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-DP

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" SUB-BASEMENT DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--361

SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

INSPECTION ENDS AT FIRE DOORS

TUNNEL TO STATE HOUSE

B-22 B-24 B-26 B-30 B-32 B-40 B-44 B-48 B-50 B-52 B-54 B-56 B-58 B-60 B-71 B-80 B-51

ELEC. ROOM
VAULT
OFFICE
N.E. ROOM
S. ROOM
S.E. ROOM
UPPER BOILER ROOM
MAINTENANCE OFFICES
EXTERIOR-COOLING TOWERS
UPPER CAPITOL CHILLER ROOM
SNACK BAR
INNER
OUTER
STORAGE
N. HALL
S. HALL
HALL E. OF S. STAIRWAY
CHILLER RM. MEZZ.
ELECTRIC SHOP
S. AHU RM.
N. AHU RM.
LOBBY
W. HALL
CUSTOD. SUPR. OFFICE
UPPER CHILLER ROOM
UPPER TOWER ROOM
EXTERIOR COOLING TOWERS
AUDITORIUM/ CONF. ROOM
GYM
CAFE
MEN'S RESTROOM
WOMEN'S RESTROOM
CAFETERIA SERVING AREA
KITCHEN OFFICE
KITCHEN
W. FREIGHT ELEV. LOBBY
BAKERY
LOADING DOCK
PANTRY
RM. W. OF LOADING DOCK
PANTRY CLOSET

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

## MISCELLANEOUS MATERIALS

## BASEMENT

SCALE : 1/16"=1'-0"

DATE : 11/24/99

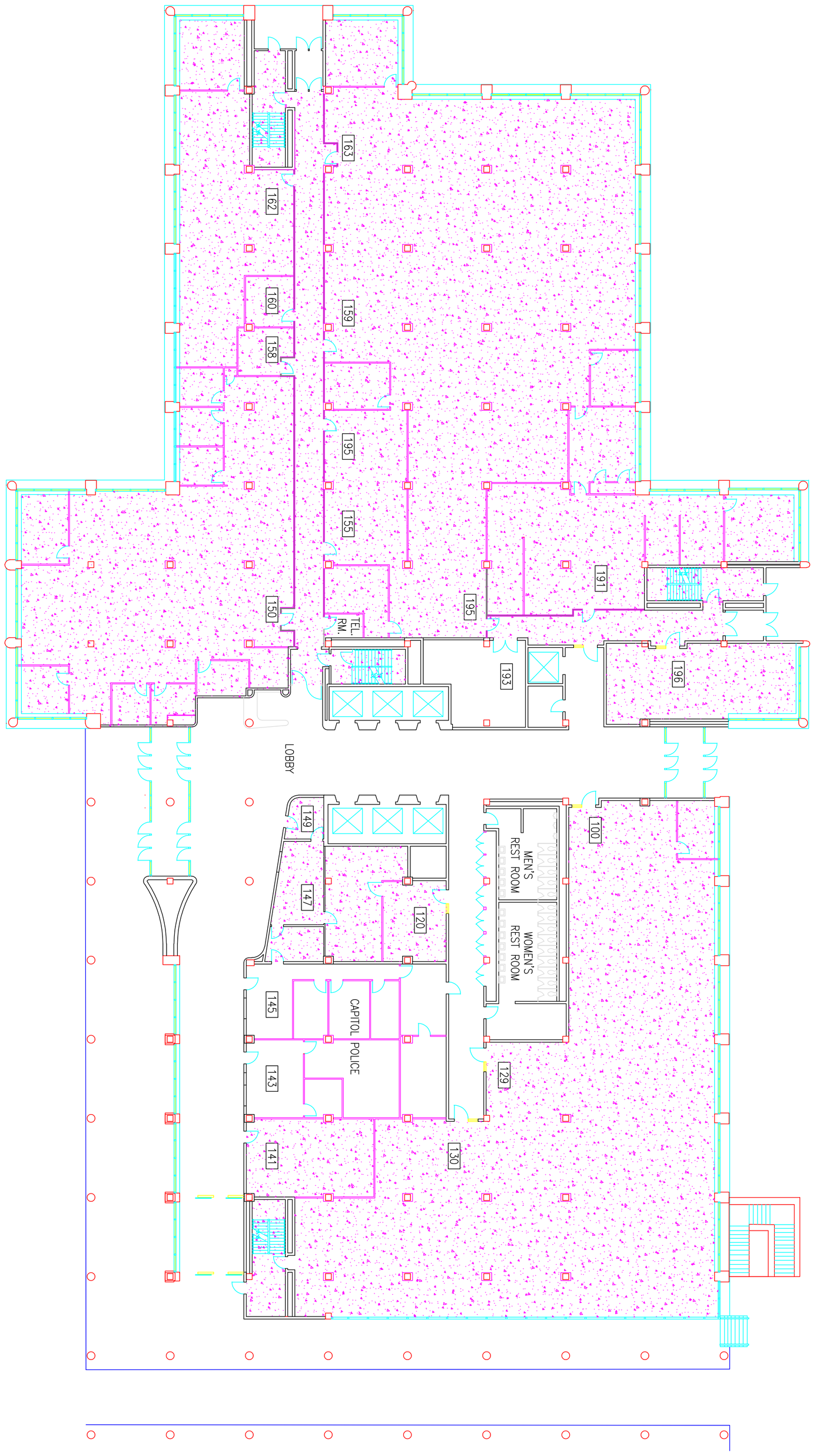
SHEET : M2


**APEX** ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JRC0-DP

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318

KCSDC
2-5-2016
Art.5-362




SHEET :

M3


APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

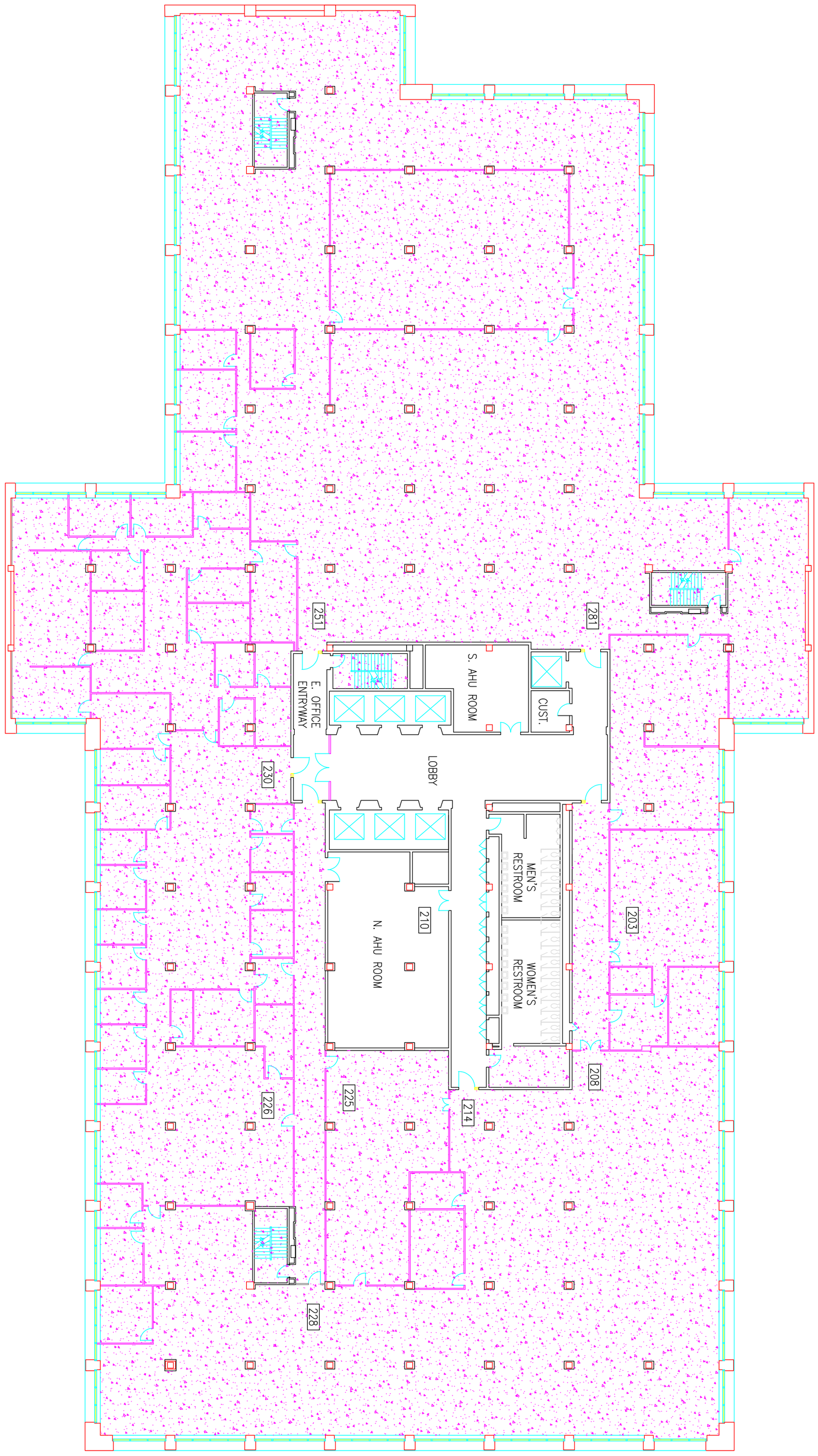
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FIRST FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--363




SHEET :

M4


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING

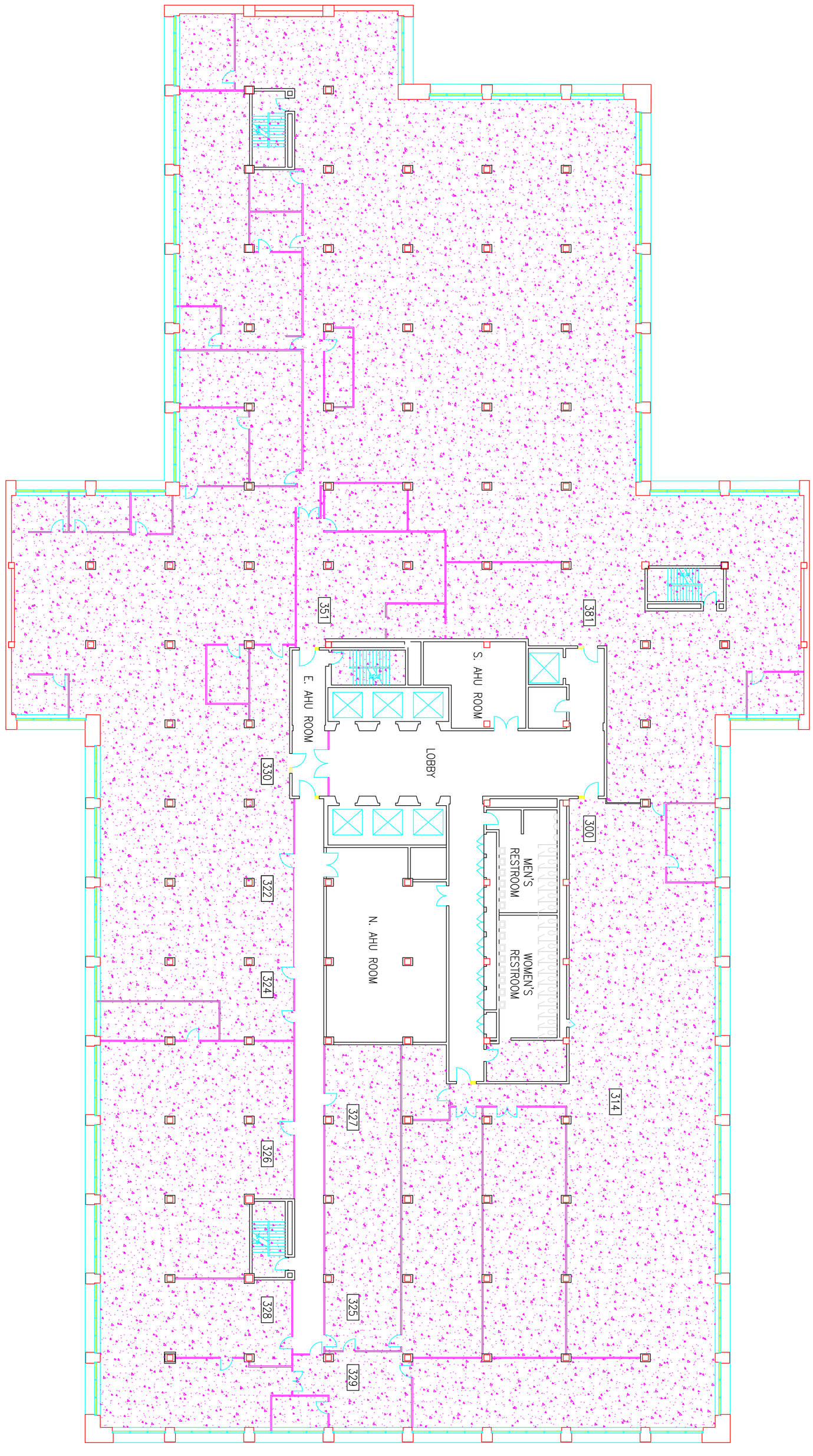
## ASBESTOS CONTAINING MATERIALS

## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" SECOND FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




SHEET :

M5

**APEX** ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING

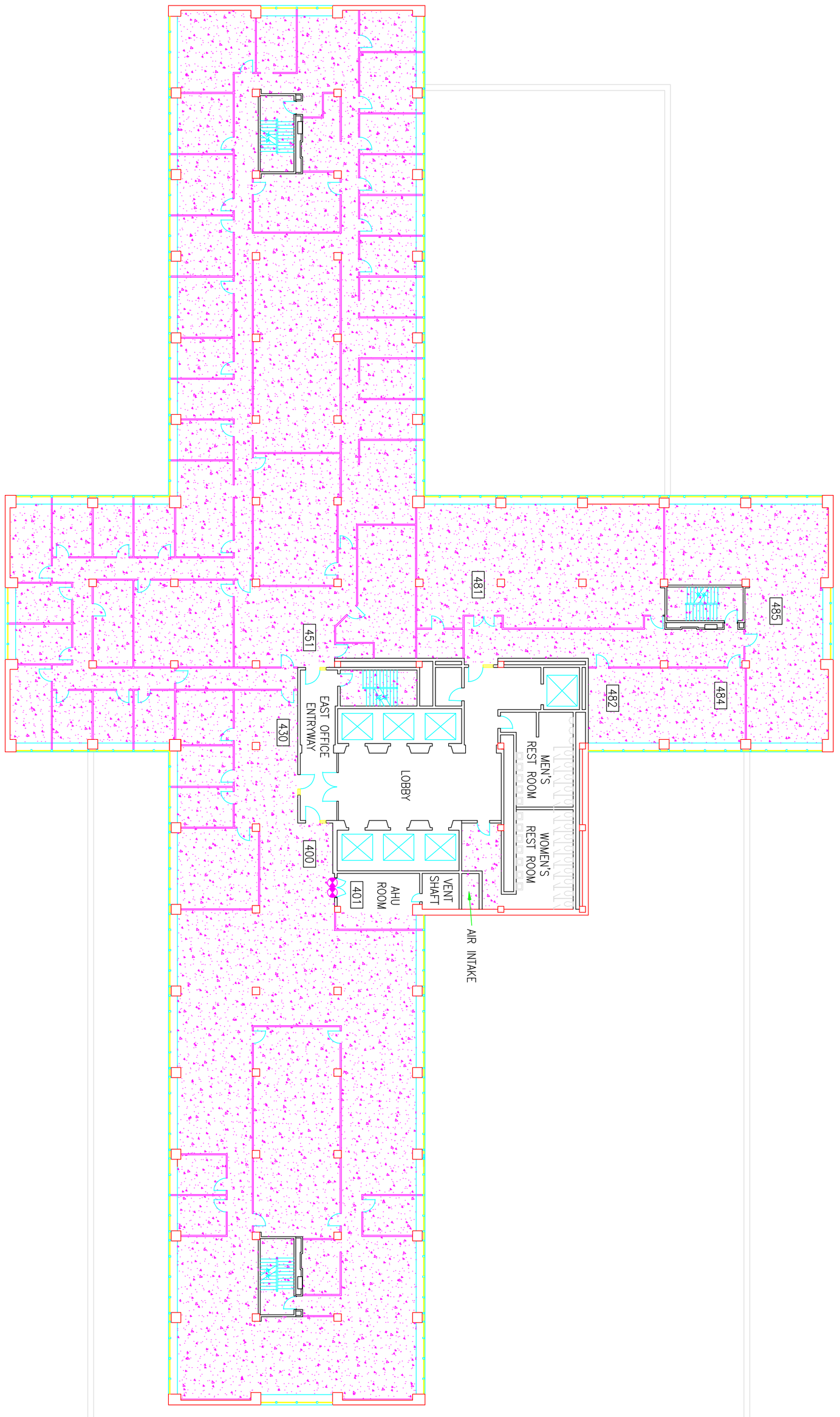
## ASBESTOS CONTAINING MATERIALS

## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" THIRD FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :

M6

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

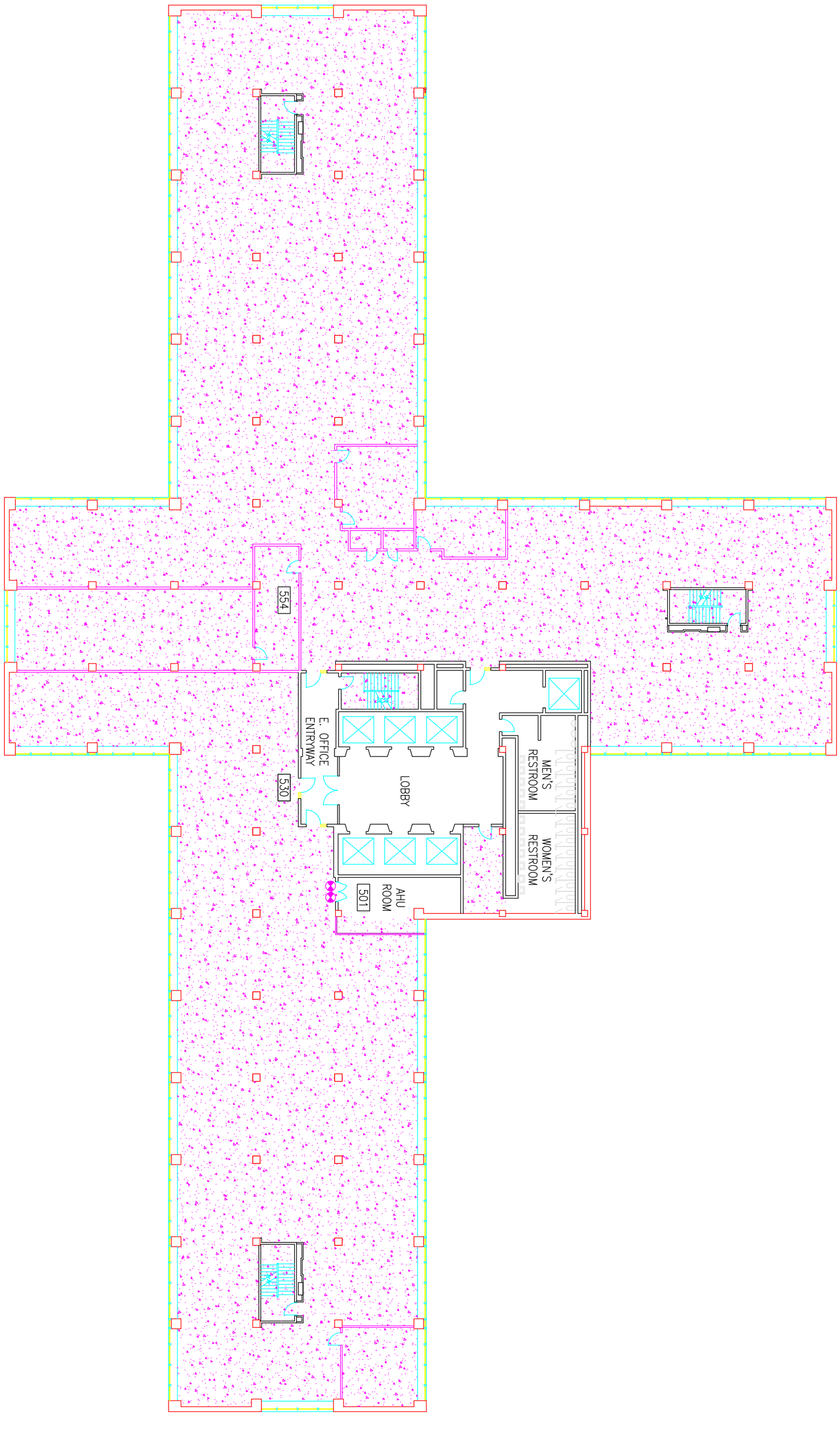
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FOURTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--366




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :

M7

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

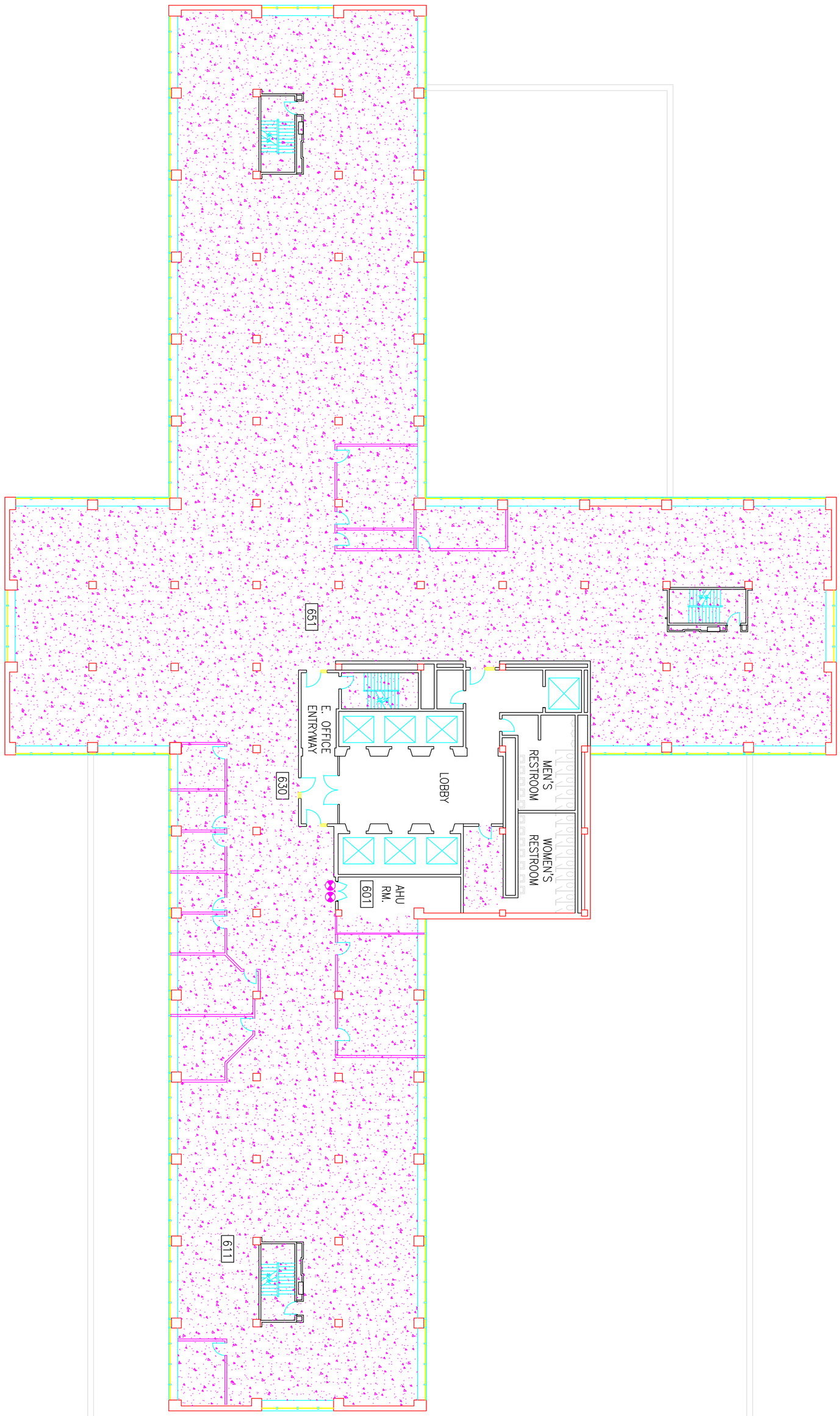
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FIFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--367




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :

M8

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

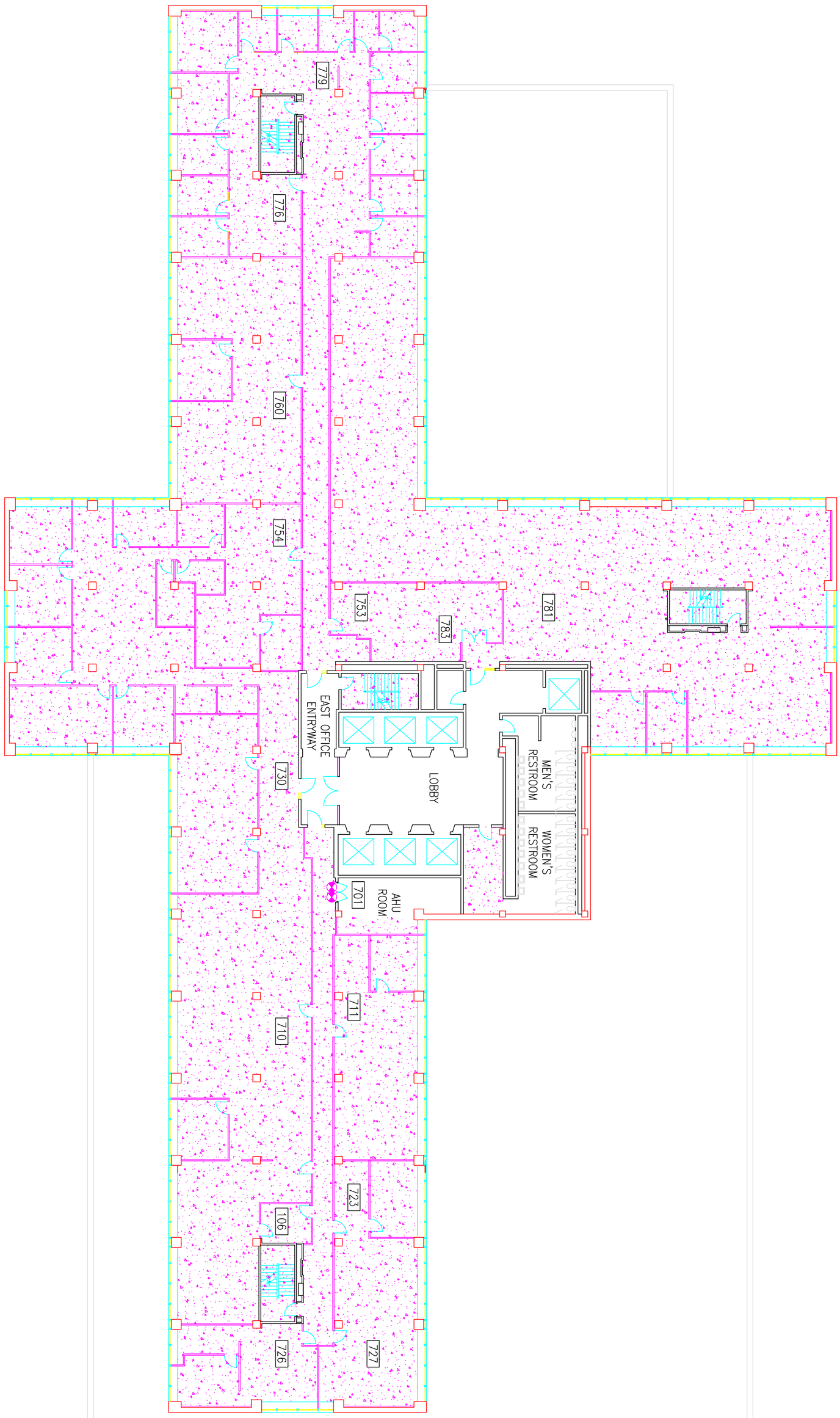
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" SIXTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--368




SHEET :

M9

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

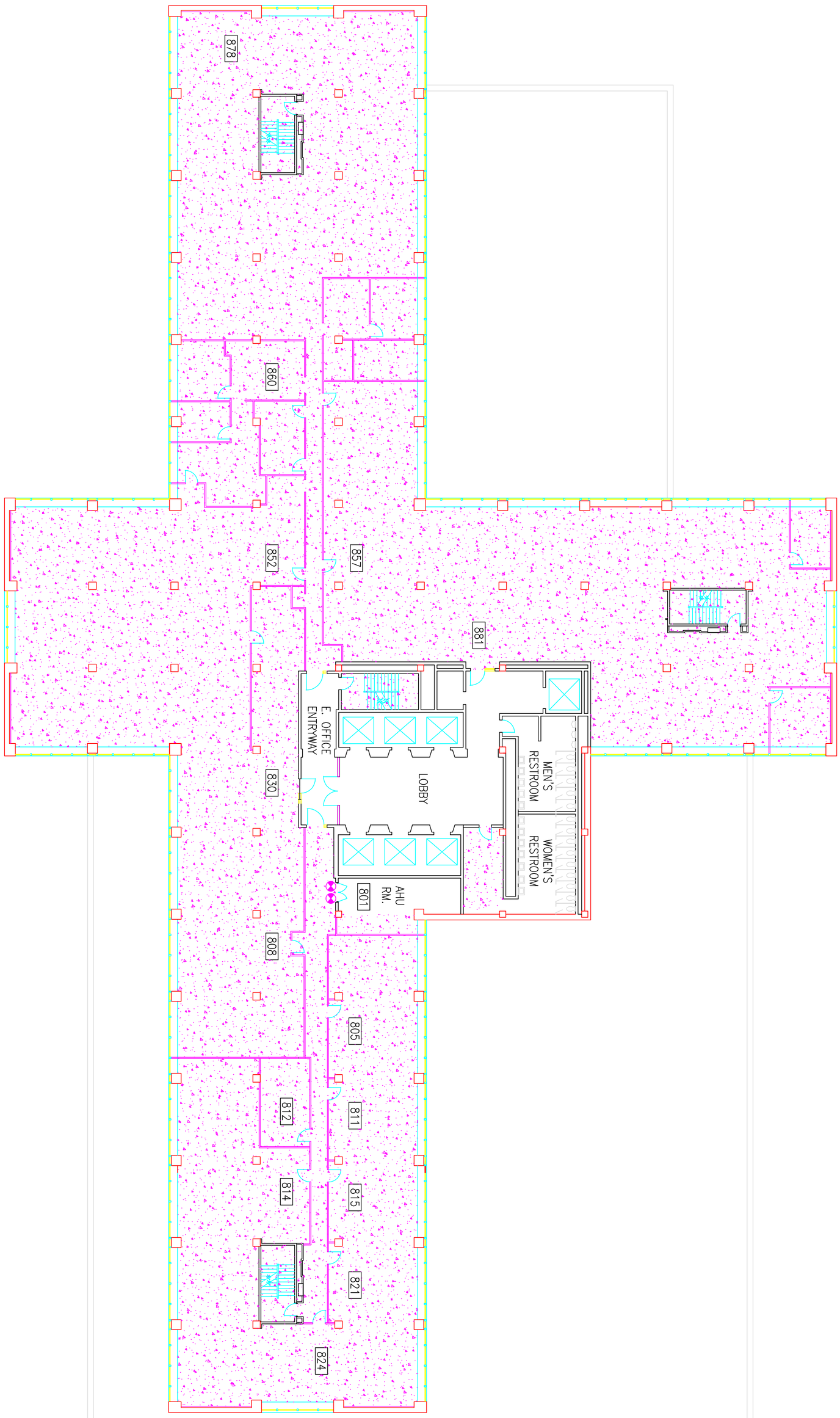
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" SEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--369




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :

M10

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

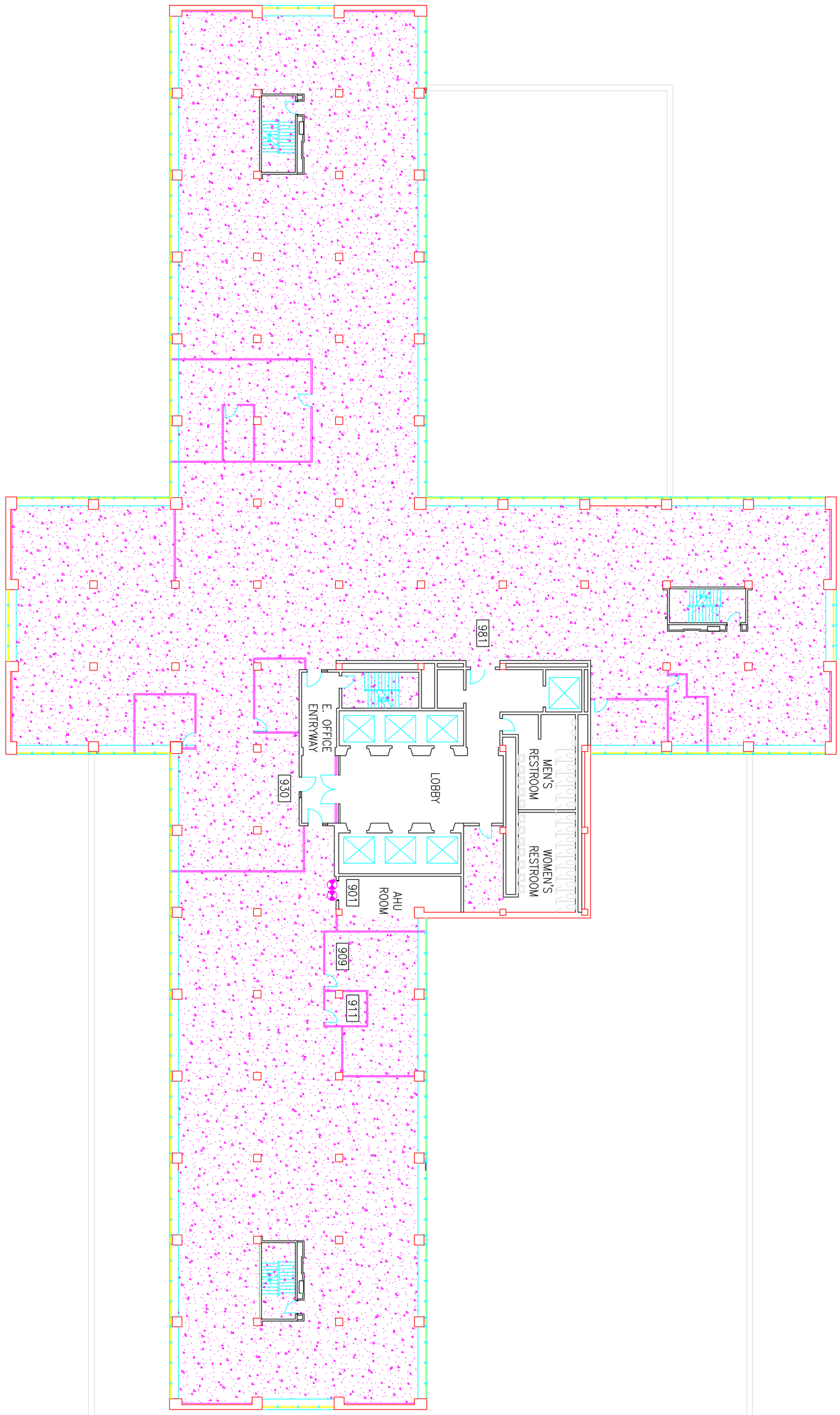
APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" EIGHT FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :

M11

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

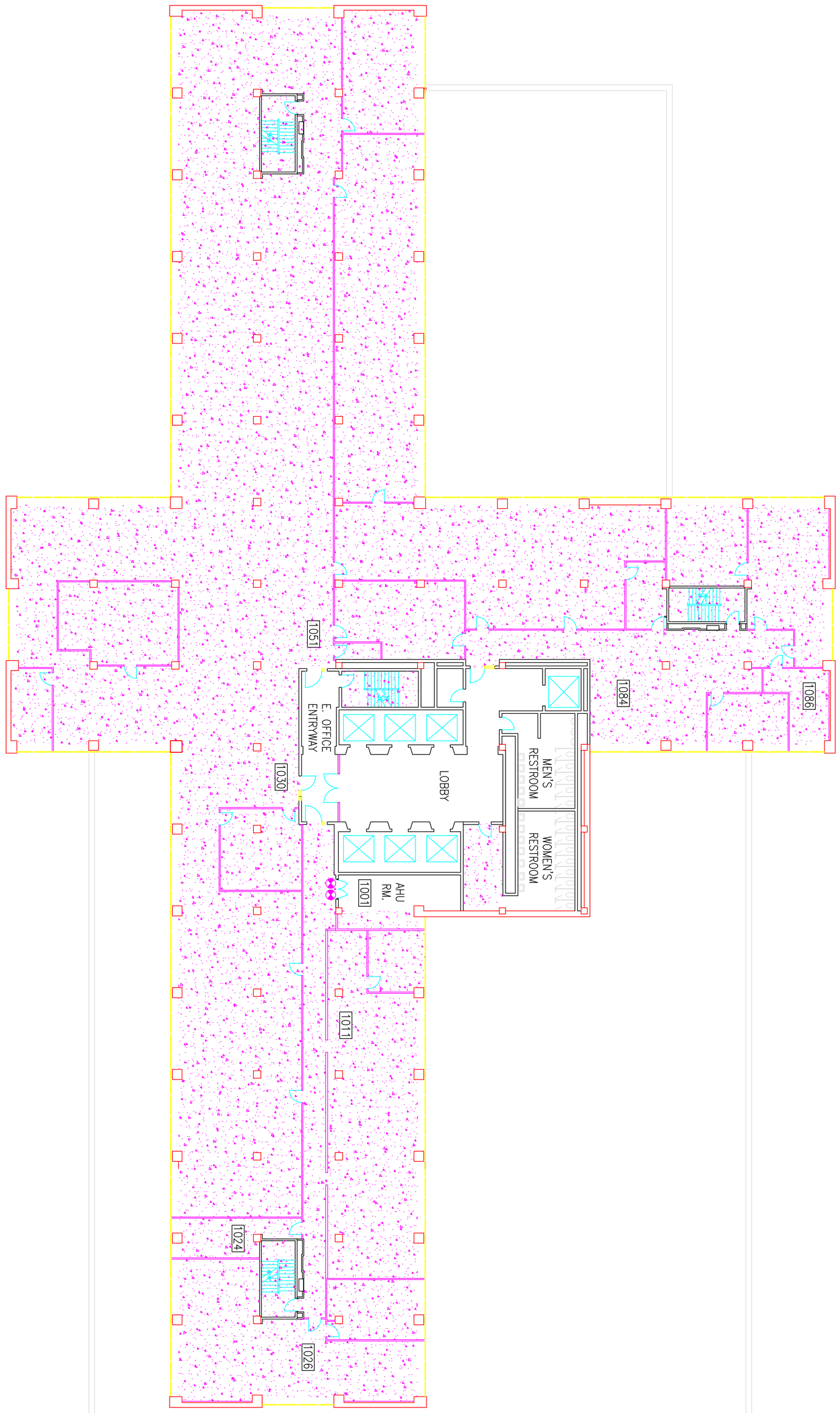
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" NINTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--371




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :

M12

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING

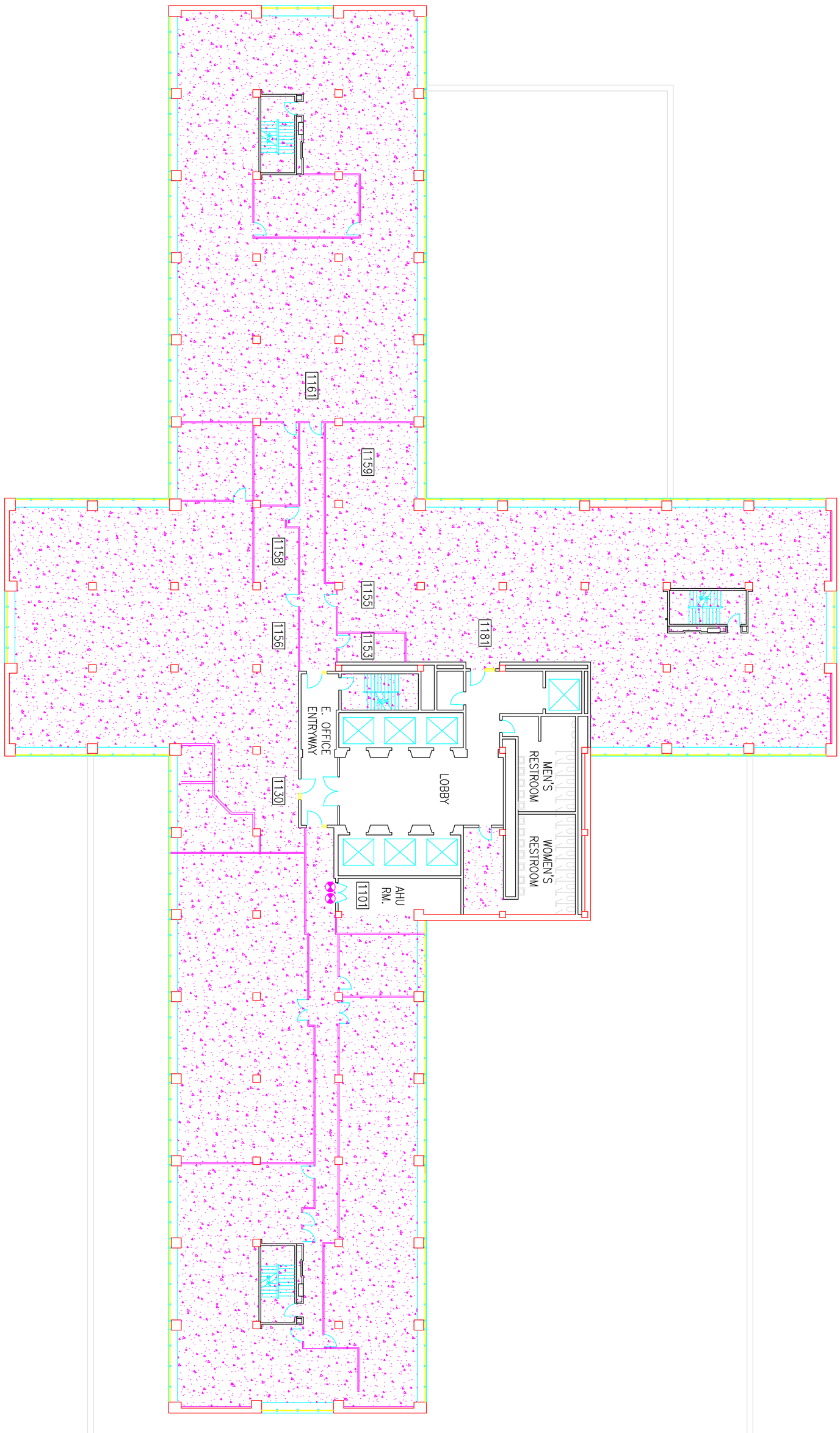
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" TENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--372




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FIRE DOOR

FLOOR TILE

SHEET :

M13

**APEX** ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING

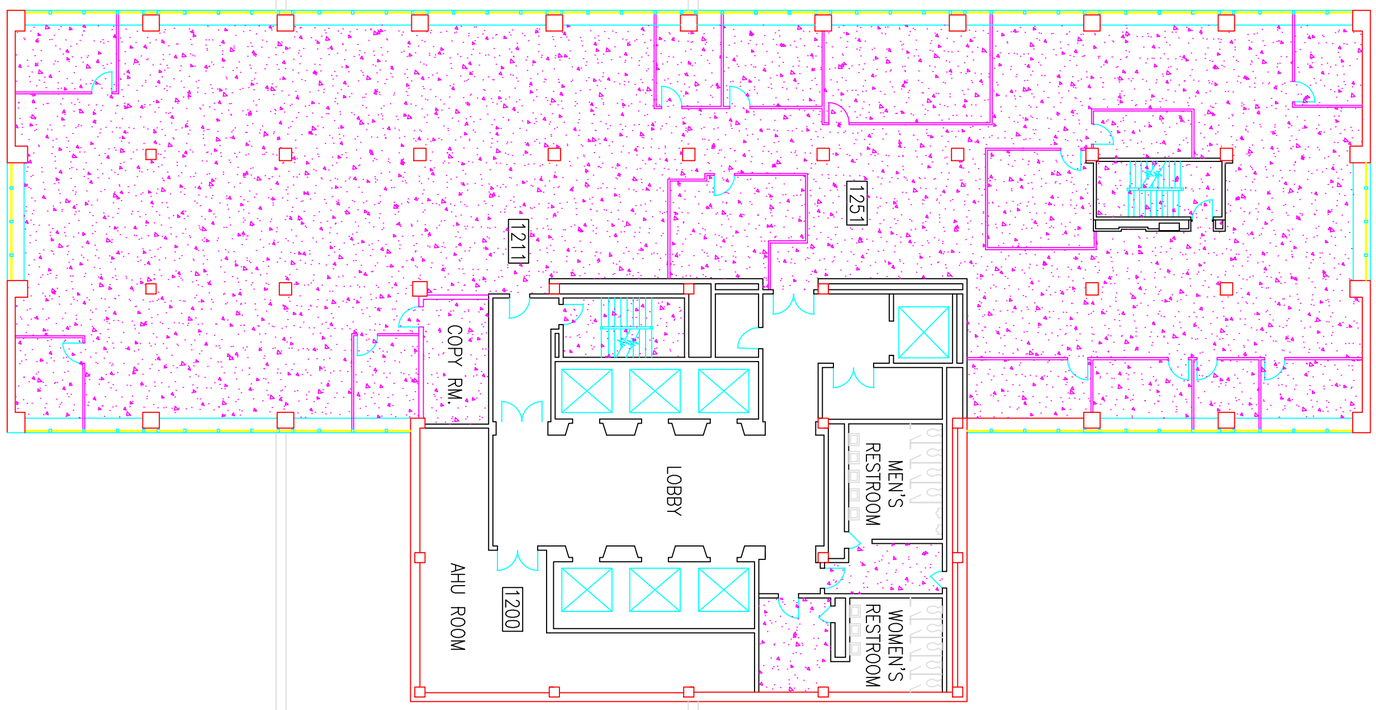
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" ELEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--373




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :
M14

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

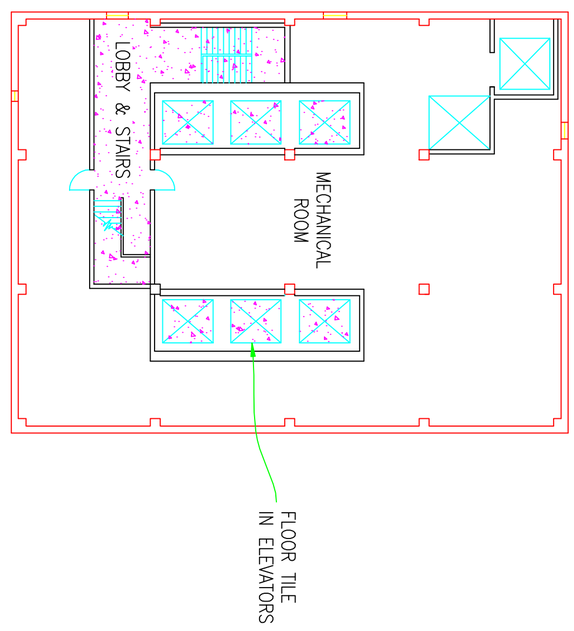
APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" TWELFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :

M15

APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING

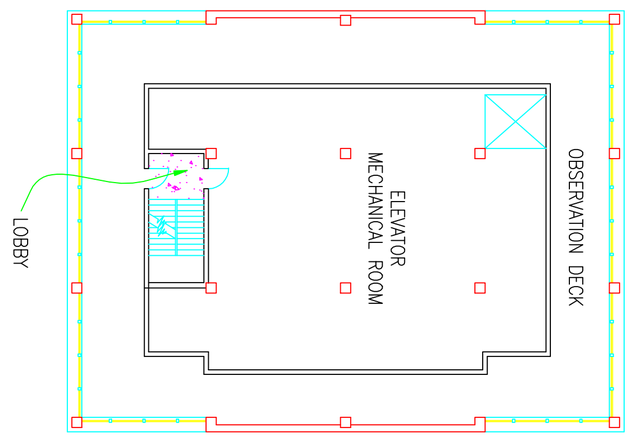
## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" THIRTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--375




SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

FLOOR TILE

SHEET :

M16

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS
## MISCELLANEOUS MATERIALS

SCALE : 1/16"=1'-0" FOURTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--376

CHILLER ROOM

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| DUCT INSULATION | 400 SF |
| HEAT EXCHANGER INS | 100 SF |
| 4" TSI LAGGING | 75 LF |
| 4" TSI FITTINGS | 157 EA |
| 6" TSI LAGGING | 165 LF |
| 6" TSI FITTINGS | 68 EA |
| 8" TSI LAGGING | 170 LF |
| 8" TSI FITTINGS | 187 EA |
| 12" TSI FITTINGS | 200 EA |
| 18" TSI FITTINGS | 15 EA |
| 2" TSI FITTINGS | 16 EA |

PLUMBING SHOP AREA

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 4" TSI LAGGING | 25 LF |
| 4" TSI FITTINGS | 4 EA |

SBS-1

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 4" TSI FITTINGS | 1 EA |

CAPITOL CHILLER ROOM

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 12" TSI LAGGING | 8 LF |
| 12" TSI FITTINGS | 30 EA |
| 8" TSI FITTINGS | 22 EA |

ENTRANCE TO SBS-3/SBS-4

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI FITTINGS | 2 EA |
| 4" TSI FITTINGS | 16 EA |
| 18" TSI FITTINGS | 4 EA |

TOWER ROOM

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| DUCT INSULATION | 650 SF |
| 2" TSI FITTINGS | 2 EA |
| 4" TSI FITTINGS | 8 EA |
| 8" TSI FITTINGS | 6 LF |
| 12" TSI FITTINGS | 4 EA |

SBS-6

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 70 LF |
| 2" TSI FITTINGS | 7 EA |
| 8" TSI LAGGING | 62 LF |
| 8" TSI FITTINGS | 35 EA |
| 4" TSI FITTINGS | 12 EA |
| 12" TSI LAGGING | 56 LF |
| 12" TSI FITTINGS | 6 EA |

OFFICE/BREAK RM

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 14 LF |
| 4" TSI LAGGING | 14 LF |
| 4" TSI FITTINGS | 1 EA |
| 6" TSI LAGGING | 35 LF |
| 6" TSI FITTINGS | 1 EA |
| 8" TSI LAGGING | 35 LF |

SBS-3

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 70 LF |
| 2" TSI FITTINGS | 15 EA |
| 8" TSI LAGGING | 30 LF |
| 8" TSI FITTINGS | 20 EA |
| 12" TSI LAGGING | 26 LF |
| 12" TSI FITTINGS | 3 EA |
| 4" TSI FITTINGS | 36 EA |
| 18" TSI FITTINGS | 2 EA |

SBS-4

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI FITTINGS | 6 EA |
| 4" TSI FITTINGS | 1 EA |
| 18" TSI FITTINGS | 19 EA |

SB HALL

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 55 LF |
| 2" TSI FITTINGS | 5 EA |
| 4" TSI LAGGING | 102 LF |
| 4" TSI FITTINGS | 35 EA |
| 8" TSI LAGGING | 70 LF |
| 8" TSI FITTINGS | 15 EA |
| 6" TSI FITTINGS | 1 EA |

STORAGE CAGE HALL

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 8" TSI LAGGING | 15 LF |
| 8" TSI FITTINGS | 8 EA |
| 12" TSI LAGGING | 5 LF |

SBS-13

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 4" TSI FITTINGS | 2 EA |

SBS-14

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 4" TSI FITTINGS | 10 EA |

SBS-8

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 4" TSI FITTINGS | 2 EA |
| 8" TSI FITTINGS | 8 EA |

SBS-7

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 12" TSI LAGGING | 25 LF |
| 12" TSI FITTINGS | 2 EA |

SBS-17

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 8" TSI LAGGING | 24 LF |
| 8" TSI FITTINGS | 28 EA |
| 12" TSI LAGGING | 18 LF |
| 12" TSI FITTINGS | 1 EA |
| 4" TSI FITTINGS | 2 EA |
| 18" TSI FITTINGS | 2 EA |

SBS-15

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 8" TSI FITTINGS | 15 EA |

SBS-16

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 12" TSI LAGGING | 25 LF |
| 12" TSI FITTINGS | 1 EA |
| 18" TSI FITTINGS | 2 EA |

SB-7

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 4 LF |
| 2" TSI FITTINGS | 1 EA |
| 4" TSI FITTINGS | 2 EA |

SB-10

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 8" TSI LAGGING | 60 LF |
| 8" TSI FITTINGS | 12 EA |
| 12" TSI LAGGING | 50 LF |
| 4" TSI FITTINGS | 2 EA |
| 6" TSI FITTINGS | 5 EA |

SBS-18

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 4" TSI LAGGING | 36 LF |
| 4" TSI FITTINGS | 11 EA |
| 12" TSI LAGGING | 40 LF |
| 12" TSI FITTINGS | 3 EA |
| 8" TSI FITTINGS | 58 EA |

PAINT/CARPENTER SHOP

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 280 LF |
| 2" TSI FITTINGS | 73 EA |
| 8" TSI LAGGING | 14 LF |
| 8" TSI FITTINGS | 82 EA |
| 4" TSI FITTINGS | 40 EA |

STOR. CAGES N. OF FREIGHT ELEV.

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 55 LF |
| 2" TSI FITTINGS | 10 EA |
| 8" TSI LAGGING | 25 LF |
| 8" TSI FITTINGS | 8 EA |
| 4" TSI FITTINGS | 18 EA |

SB-6 CUSTODIAN STORAGE

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 2" TSI LAGGING | 20 LF |
| 2" TSI FITTINGS | 2 EA |
| 8" TSI LAGGING | 20 LF |
| 4" TSI FITTINGS | 2 EA |

SB-12

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 4" TSI LAGGING | 20 LF |
| 4" TSI FITTINGS | 11 EA |
| 8" TSI LAGGING | 30 LF |
| 8" TSI FITTINGS | 5 EA |
| 12" TSI LAGGING | 40 LF |
| 12" TSI FITTINGS | 4 EA |
| 18" TSI FITTINGS | 4 EA |

TUNNEL

| ACM MATERIAL | APPROX. QTY. |
|---|---|
| 8" TSI LAGGING | 110 LF |
| 8" TSI FITTINGS | 4 EA |
| 12" TSI LAGGING | 110 LF |
| 12" TSI FITTINGS | 4 EA |
| 18" TSI FITTINGS | 2 EA |
| 8" TSI FITTINGS | 8 EA |

TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

SHEET :
T1


APEX ENVIRONMENTAL CONSULTANTS, INC.
RISING TO THE TOP
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DP

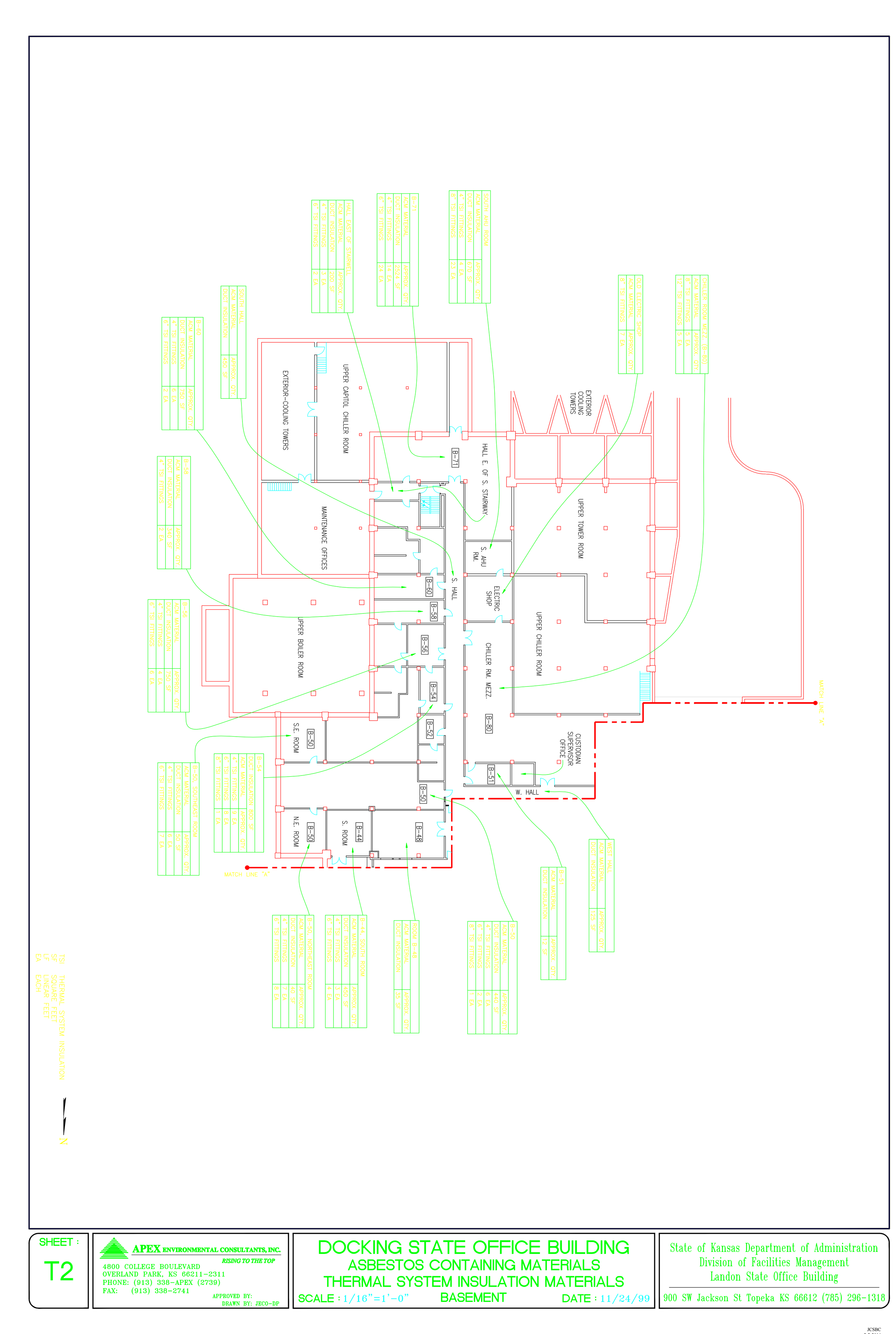
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" SUB-BASEMENT DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--377




SHEET :

T2


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DP

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

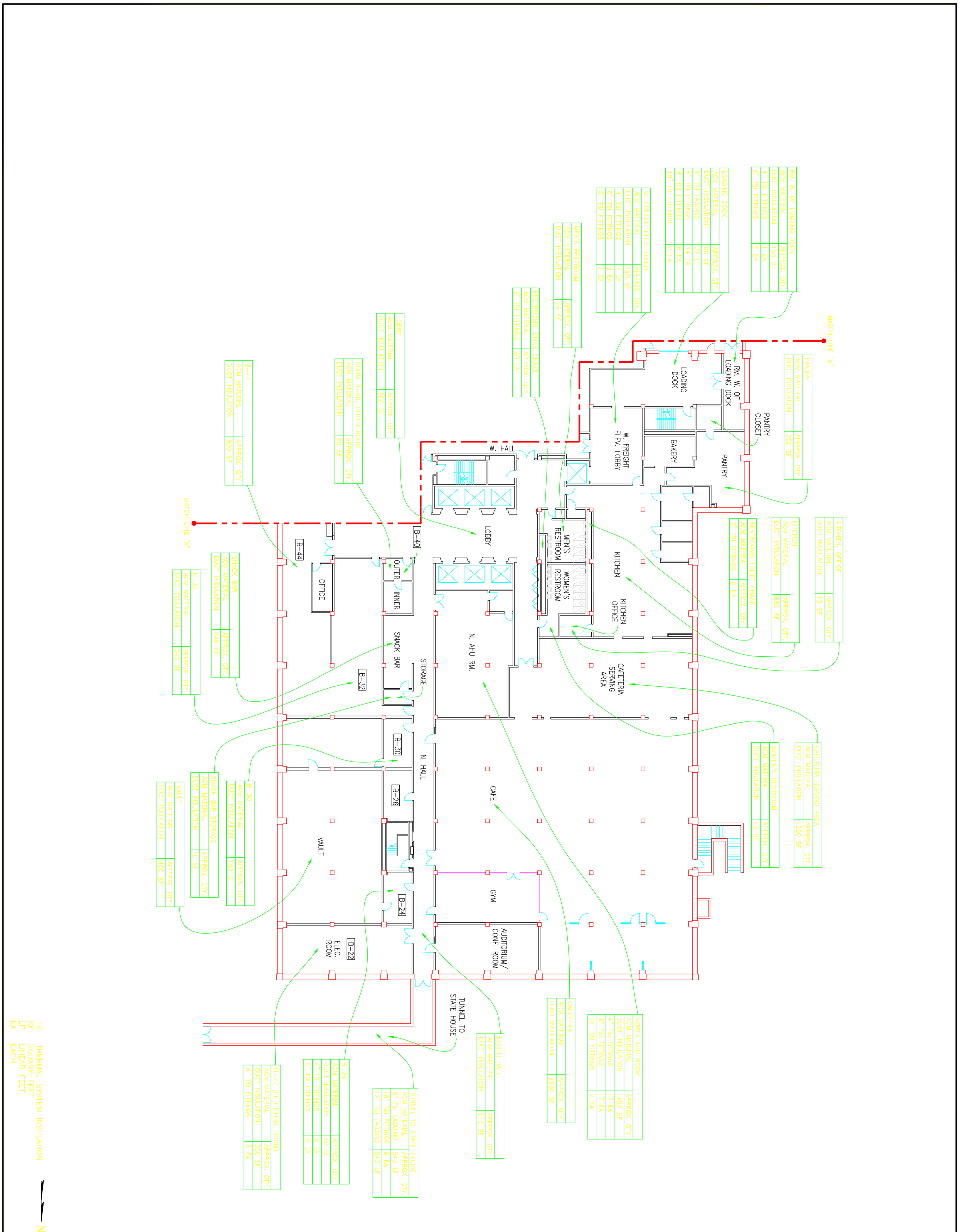
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" BASEMENT DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--378




SHEET :

T3


**APEX ENVIRONMENTAL CONSULTANTS, INC.**

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DP

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" BASEMENT DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--379

SHEET :

T4


APEX ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

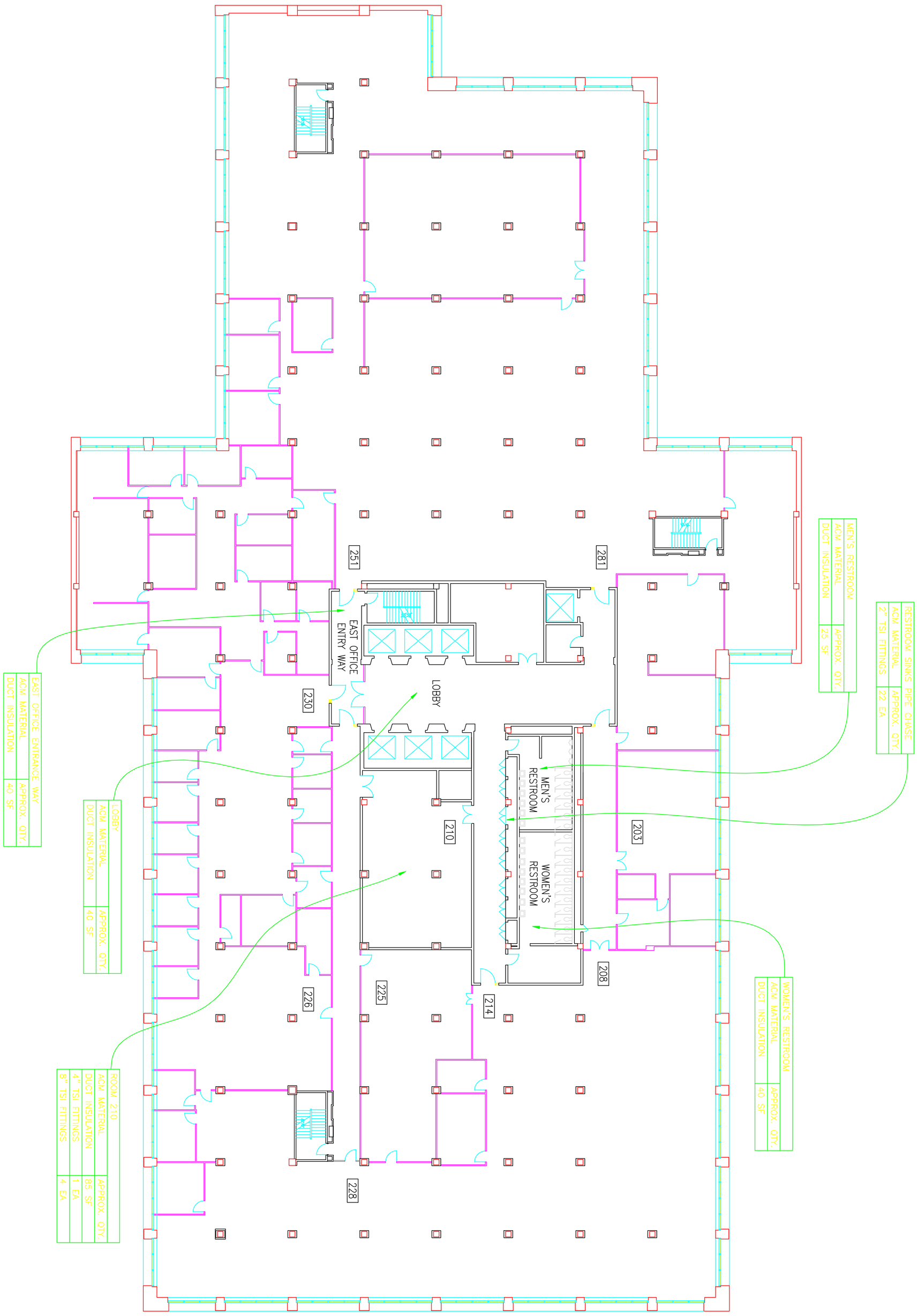
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" FIRST FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--380




SHEET :

T5


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

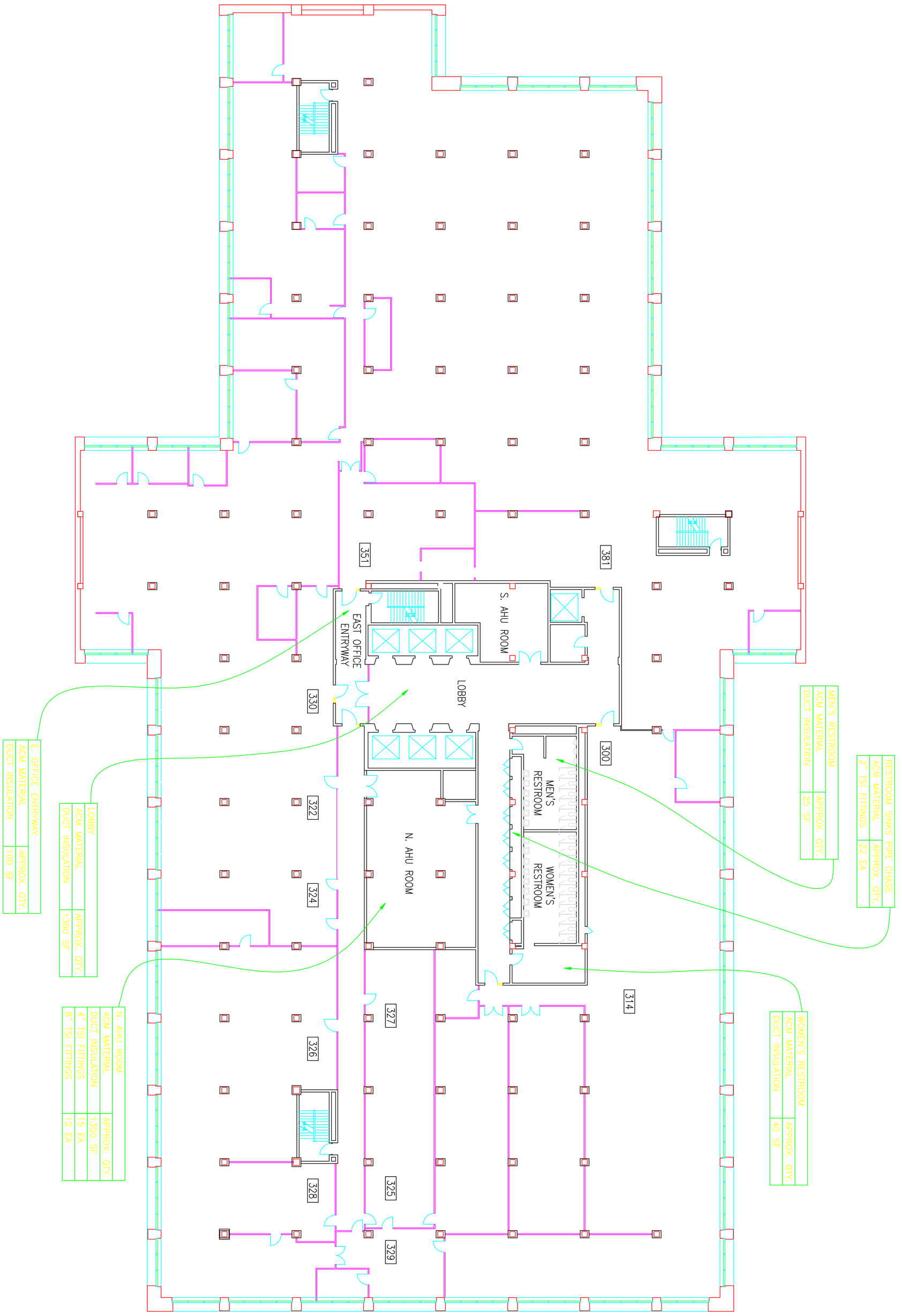
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" SECOND FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--381




SHEET :

T6


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING

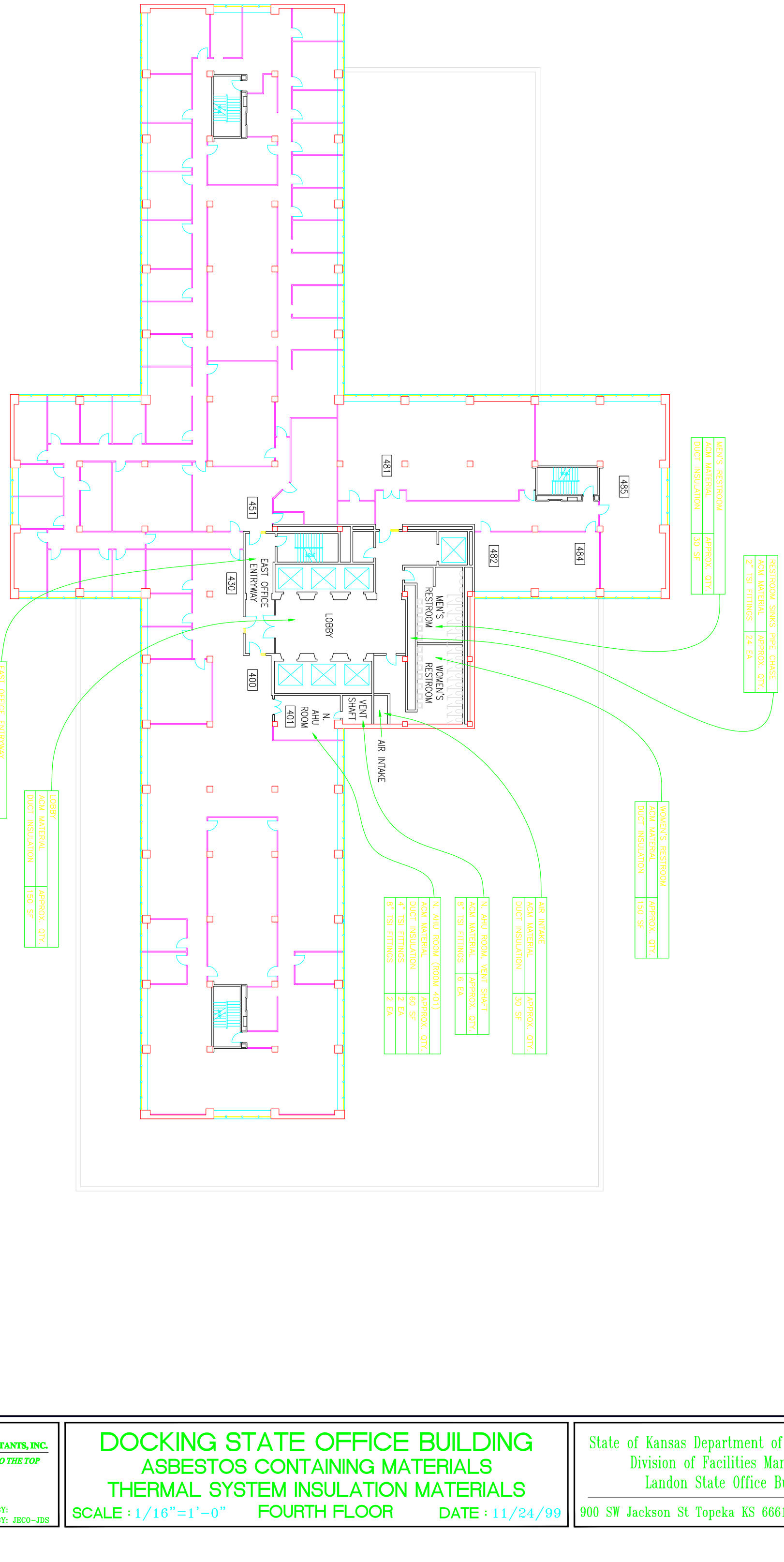
## ASBESTOS CONTAINING MATERIALS

## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" THIRD FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




SHEET :

T7


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-JDS

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

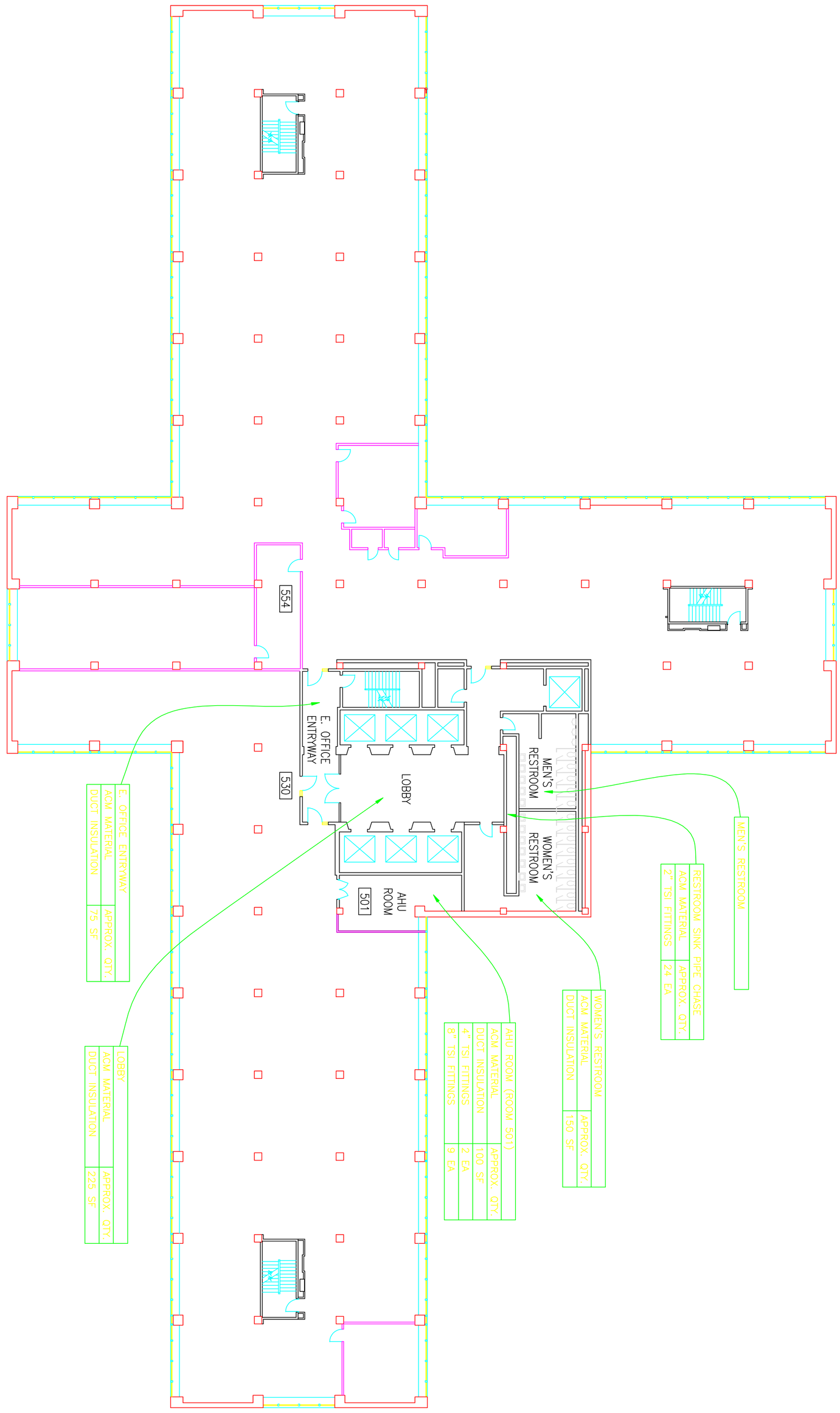
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" FOURTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--383




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T8


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING

## ASBESTOS CONTAINING MATERIALS

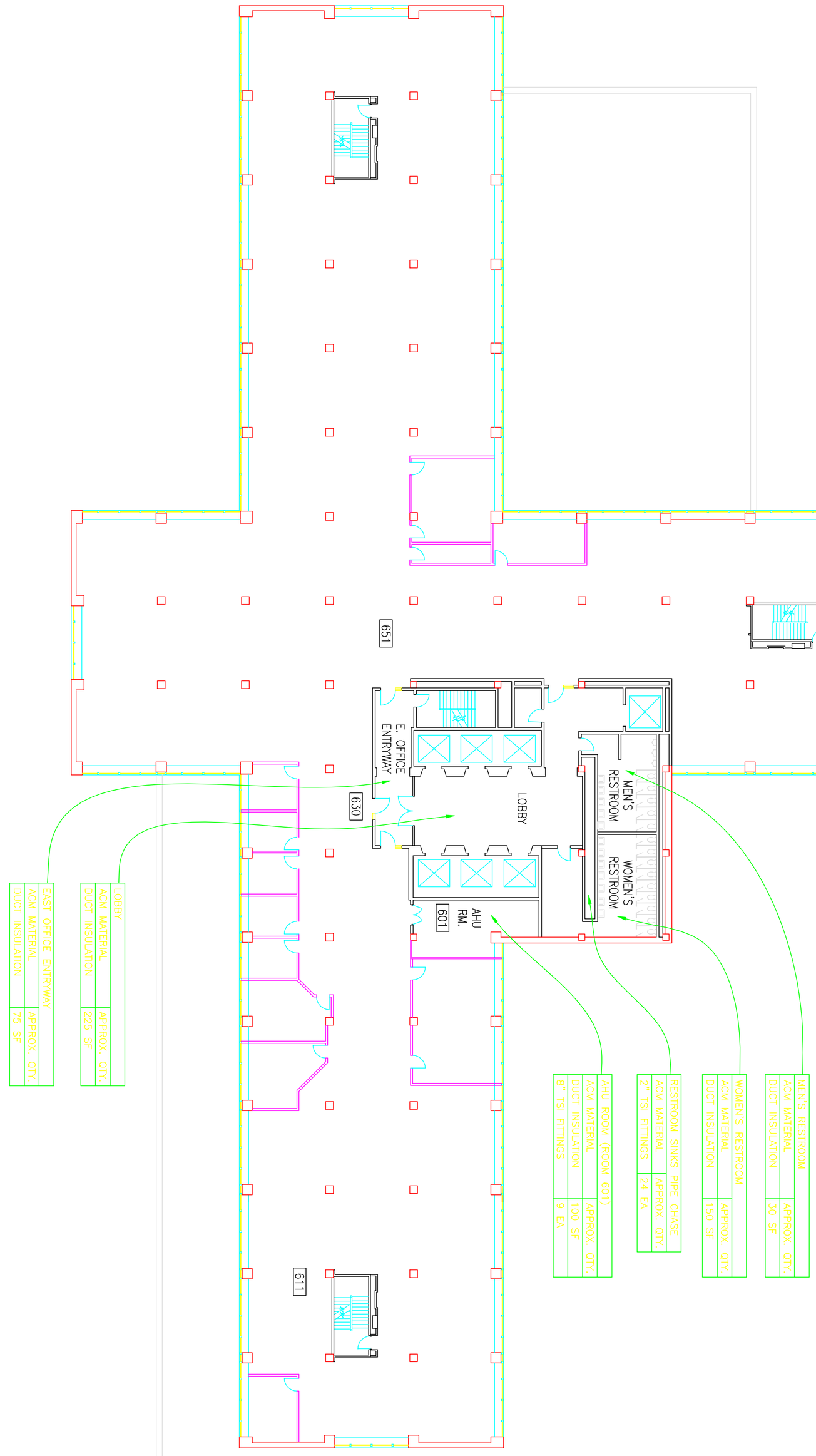
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" FIFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--384




SHEET :

T9


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING

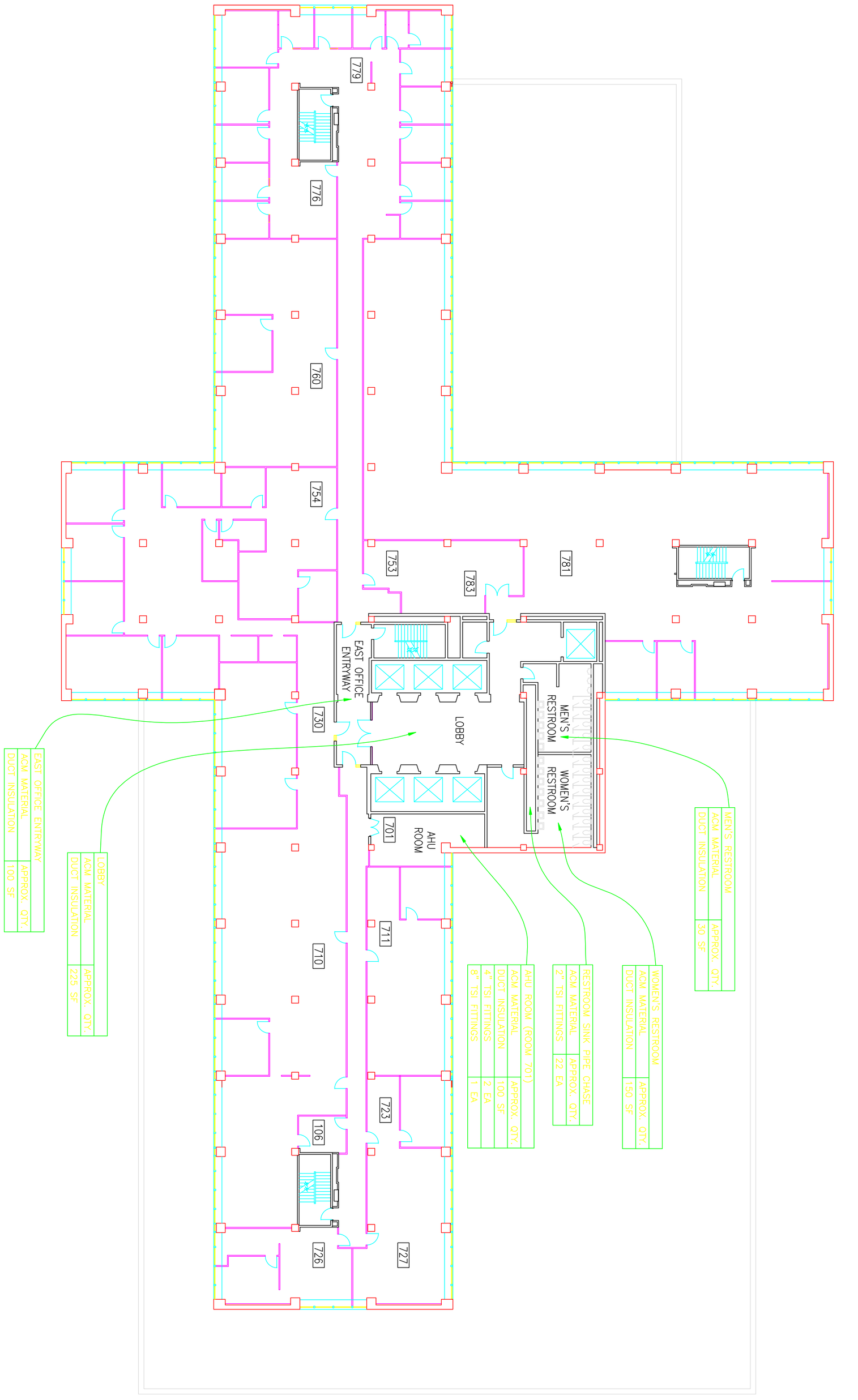
## ASBESTOS CONTAINING MATERIALS

## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" SIXTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




SHEET :

T10


APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-JDS

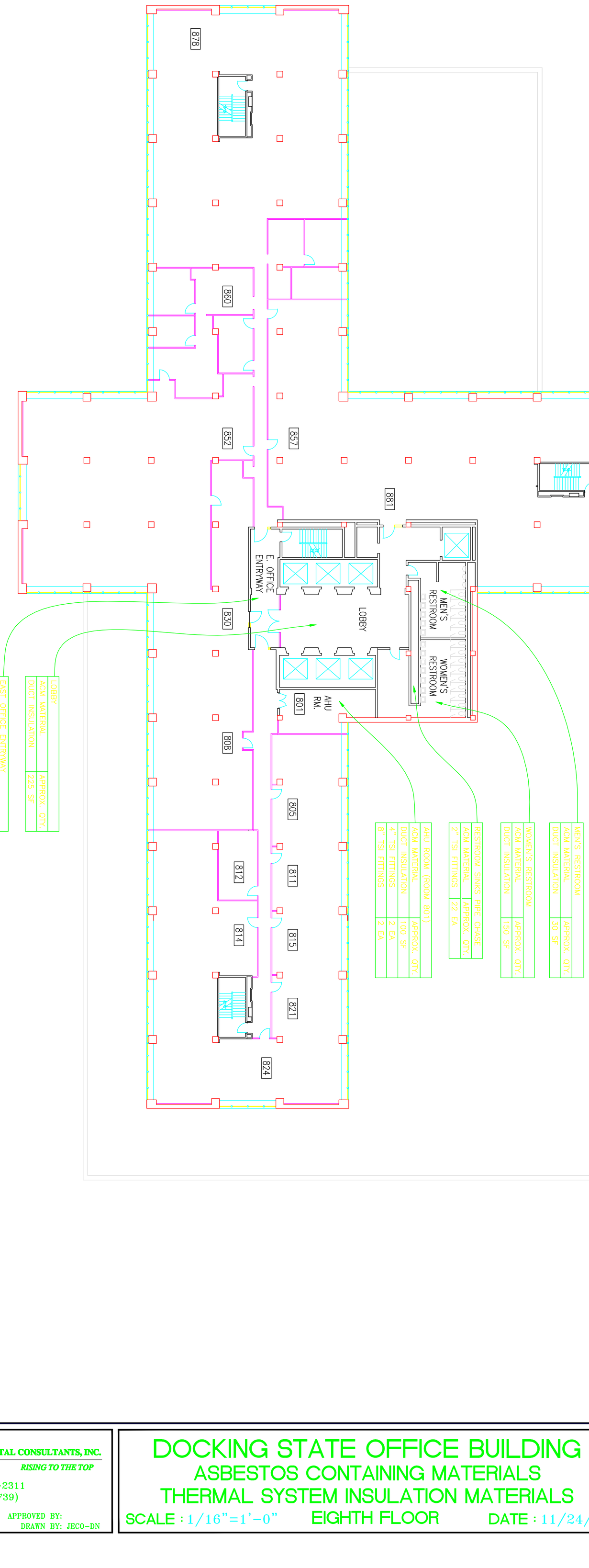
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" SEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--386




SHEET :

T11


APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DN

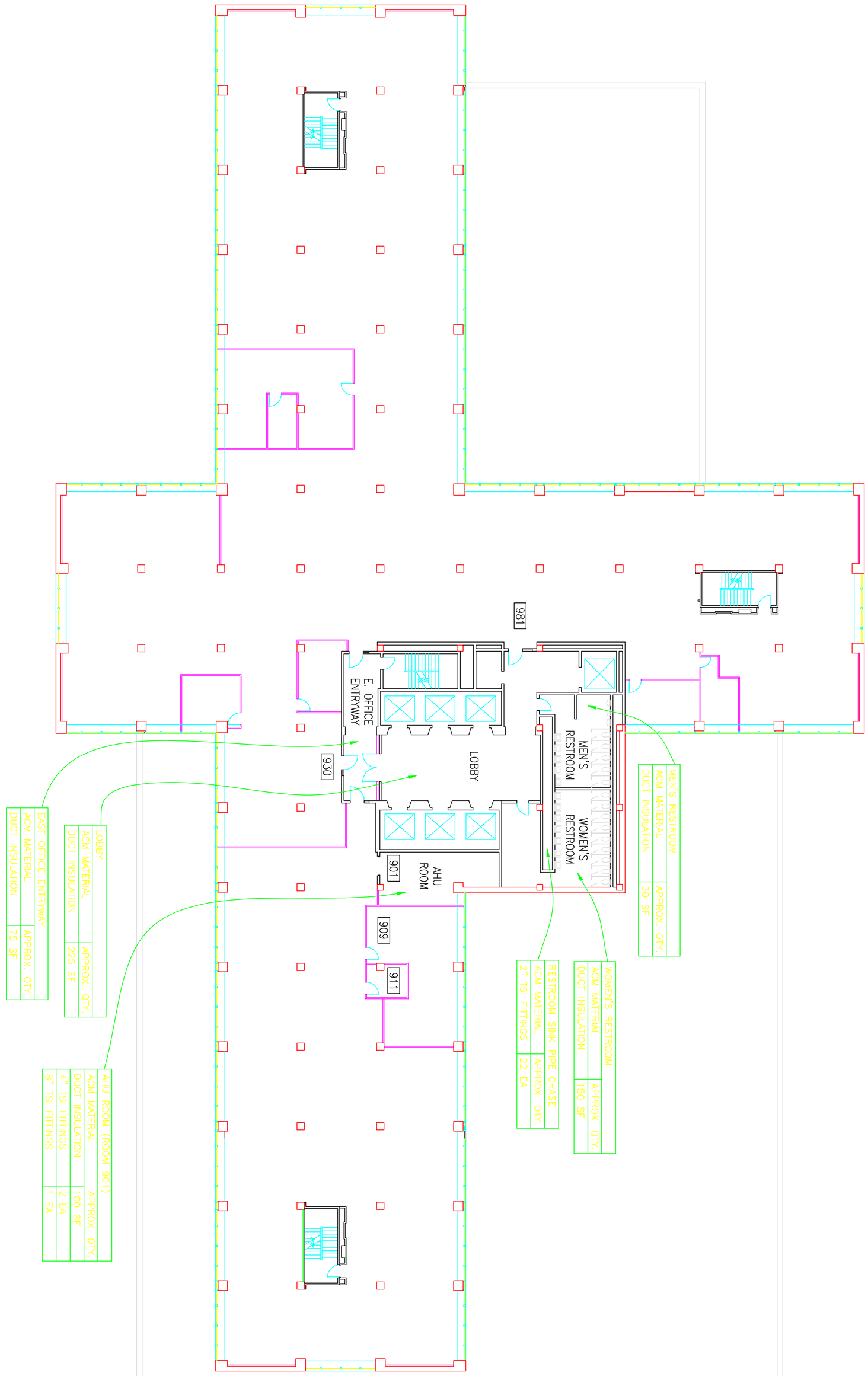
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" EIGHTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--387




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T12


APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

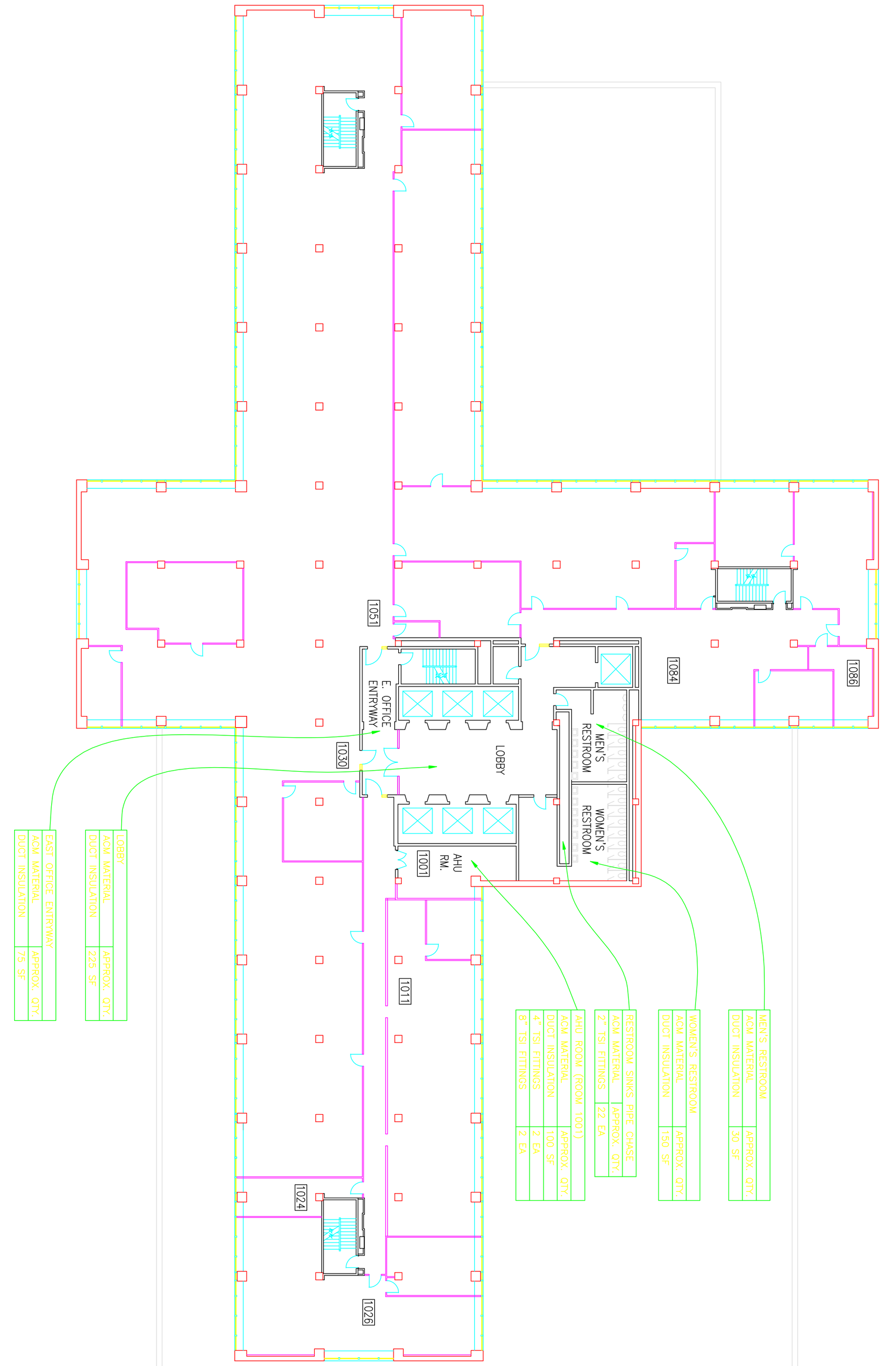

APPROVED BY:
DRAWN BY: JECO-RW

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" NINTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T13


APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

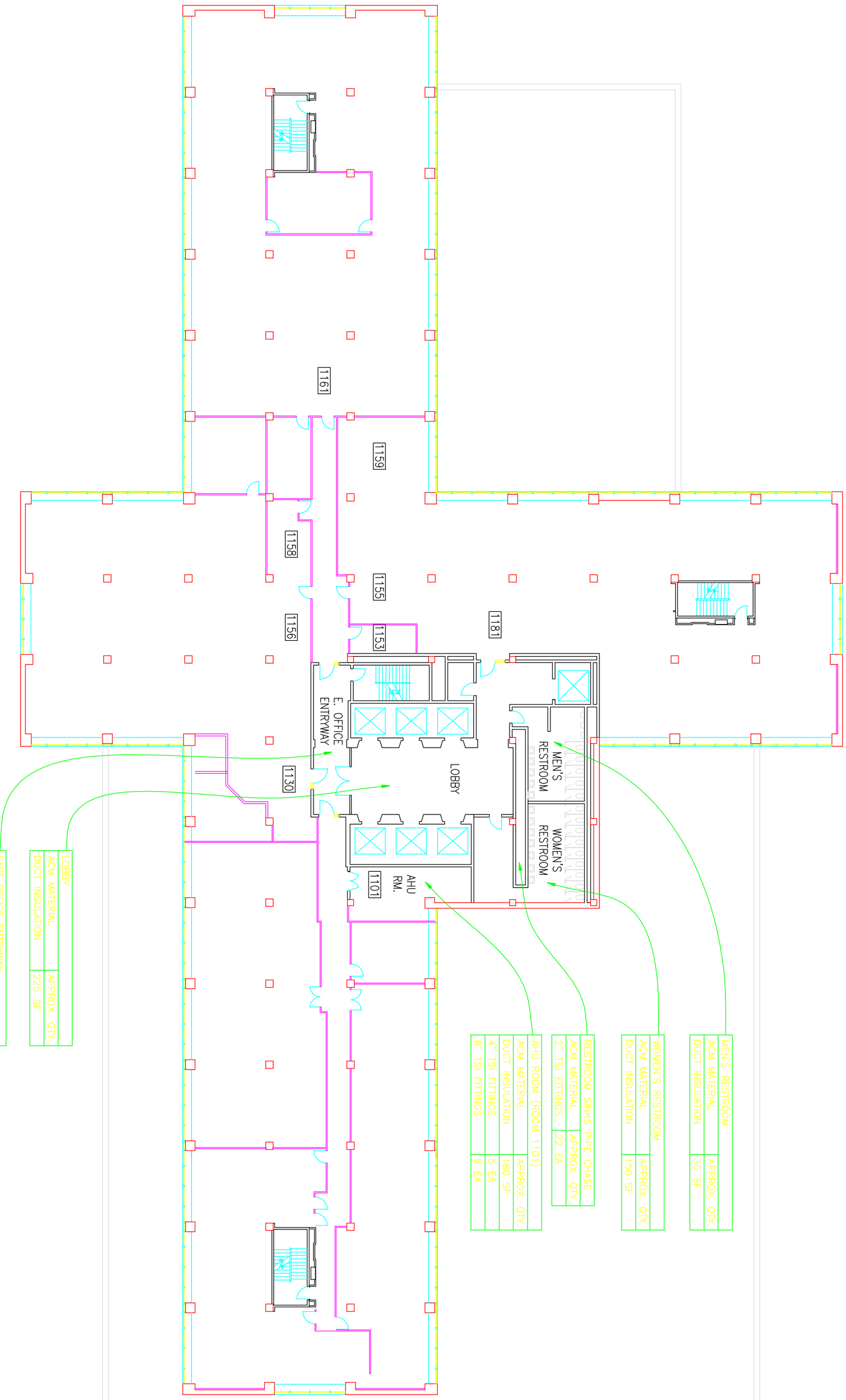

APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" TENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




SHEET :

T14


**APEX** ENVIRONMENTAL CONSULTANTS, INC.

*RISING TO THE TOP*

4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741


APPROVED BY:
DRAWN BY: JECO-DN

# DOCKING STATE OFFICE BUILDING

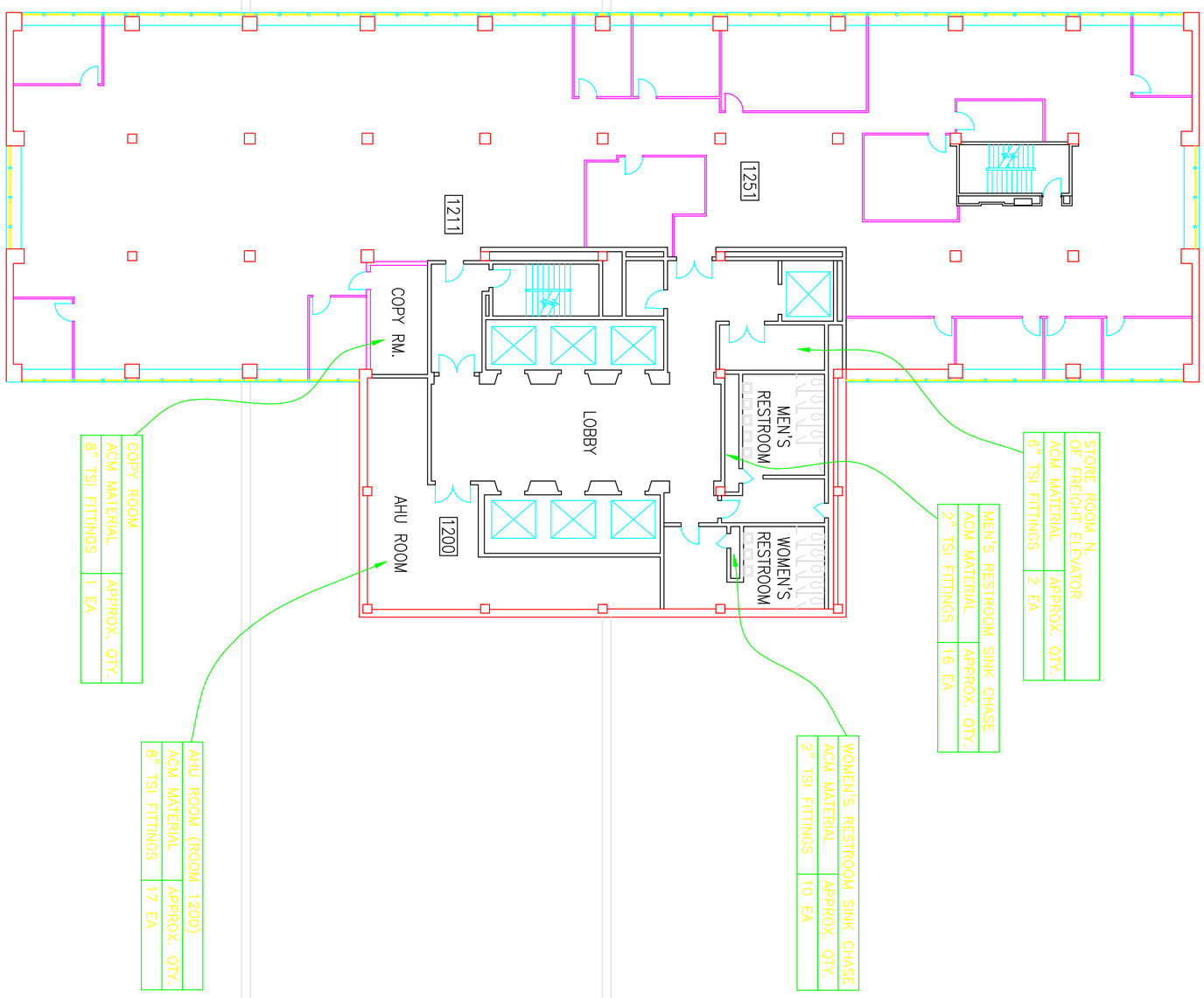
## ASBESTOS CONTAINING MATERIALS

## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" ELEVENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318




TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T15

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-CH

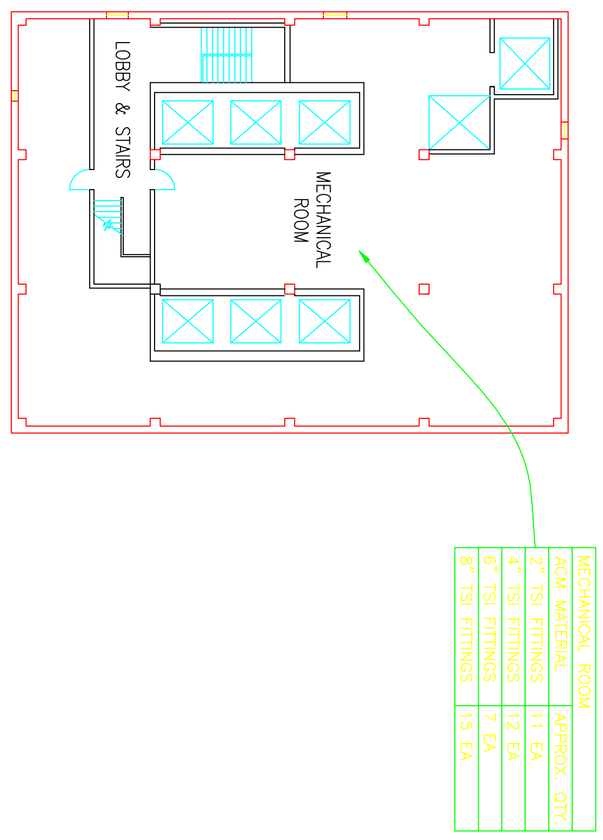
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" TWELFTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--391




| MECHANICAL ROOM | |
|---|---|
| ACM MATERIAL | APPROX QTY |
| 2" TSI FITTINGS | 11 EA |
| 4" TSI FITTINGS | 12 EA |
| 6" TSI FITTINGS | 7 EA |
| 8" TSI FITTINGS | 15 EA |

TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :

T16

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741

APPROVED BY:
DRAWN BY: JECO-CH

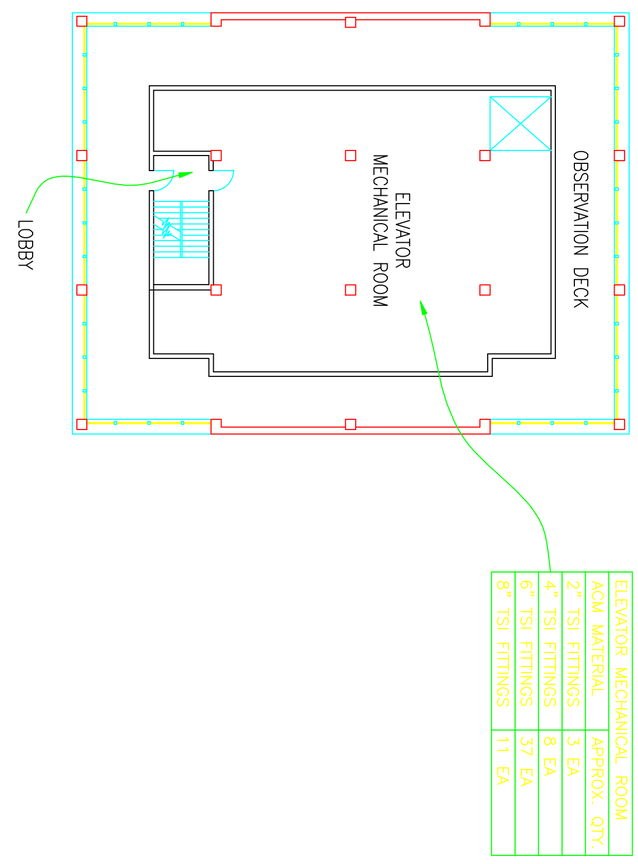
# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS

SCALE : 1/16"=1'-0" THIRTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building

900 SW Jackson St Topeka KS 66612 (785) 296-1318

JCSBC
2-2-2016
Att.5.--392




| ELEVATOR MECHANICAL ROOM | |
|---|---|
| ACM MATERIAL | APPROX. QTY. |
| 2" TSI FITTINGS | 3 EA |
| 4" TSI FITTINGS | 8 EA |
| 6" TSI FITTINGS | 37 EA |
| 8" TSI FITTINGS | 11 EA |

TSI THERMAL SYSTEM INSULATION
SF SQUARE FEET
LF LINEAR FEET
EA EACH

N

SHEET :
T17

APEX ENVIRONMENTAL CONSULTANTS, INC.
*RISING TO THE TOP*
4800 COLLEGE BOULEVARD
OVERLAND PARK, KS 66211-2311
PHONE: (913) 338-APEX (2739)
FAX: (913) 338-2741
APPROVED BY:
DRAWN BY: JECO-CH

# DOCKING STATE OFFICE BUILDING
## ASBESTOS CONTAINING MATERIALS
## THERMAL SYSTEM INSULATION MATERIALS
SCALE : 1/16"=1'-0" FOURTEENTH FLOOR DATE : 11/24/99

State of Kansas Department of Administration
Division of Facilities Management
Landon State Office Building
900 SW Jackson St Topeka KS 66612 (785) 296-1318