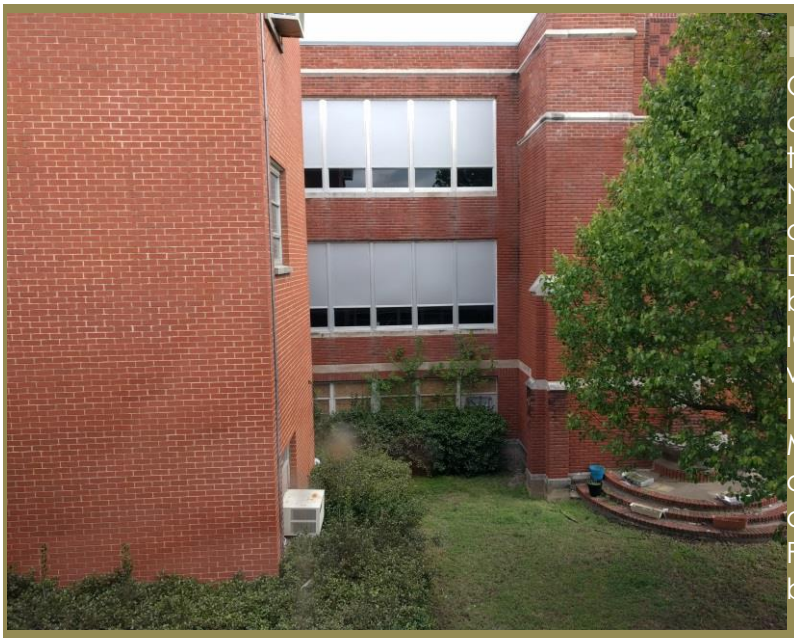
Former Durant Middle School
Durant, OK

Remediation Final Report

Prepared by:
Department of Environmental Quality
707 North Robinson
Oklahoma City, Oklahoma 73101

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

The Oklahoma Department of Environmental Quality (DEQ) is pleased to present the Durant Independent School District with the Final Remediation Report for the former Durant Middle School.



Background

On June 10, 2016, DEQ completed the asbestos and lead-based paint inspections on the Former Durant Middle School Building. On November 9, 2015, DEQ entered into an agreement with Durant Independent School District to perform the abatement of the lead-based paint and asbestos in the building. The lead-based paint and asbestos abatement was completed on February 29, 2016. Included in this report is an Operations and Maintenance plan that lists areas that require continuing operations and maintenance. This completes the DEQ cleanup of the property. For more detail on the activities described below, see enclosed reports.

Asbestos Remediation

DEQ and its contractors completed the following activities:

- Asbestos inspection:
- Removal of asbestos containing material, including:
  Asbestos-containing floor tile, floor mastic, pipe insulation, and Transite flues, soffits, and window panels.

Lead Remediation

DEQ and its contractors completed the following activities:

- Lead based paint (LBP) inspection
- LBP abatement, consisting of:
  Encapsulation of LBP in the stairwells

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

1	Legal Documents
2	Inspection Reports
3	Scope of Work
4	Final Abatement Reports
5	Management Plan

Legal Documents

MEMORANDUM OF AGREEMENT
BETWEEN
THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY AND
DURANT INDEPENDENT SCHOOL DISTRICT

1. **PURPOSE:** The purpose of this Memorandum of Agreement (MOA) is to establish a mutual framework governing the respective organizational relationships, responsibilities, and activities between the Oklahoma Department of Environmental Quality (DEQ) and the Durant Independent School District (DISD). This agreement is primarily for occupancy and access to the former Durant Middle School building located at 410 N. 6th Ave. in Durant, OK, before and during remediation. The areas of responsibility and relationships presented herein provide the concept under which the program will be executed.

2. **BACKGROUND:** The building contains asbestos and lead-based paint. DEQ plans to abate the asbestos, abate the lead based paint, and remediate any lead dust from the lead-based paint in affected portions of the buildings.

3. **RESPONSIBILITIES OF THE PARTIES:** The following paragraphs identify responsibilities of the parties under this MOA:

   DISD's Responsibilities:

   - Provide keys and access to DEQ and its contractors as needed to evaluate and remediate the building;
   - Restrict occupant's use/presence in the building before and during remediation, as requested. This could include removing equipment, vehicles, and other items that may be in the way of cleanup activities; and
   - Coordinate with DEQ during the remediation process.

   DEQ's Responsibilities:

   - Provide regular progress reports to DISD;
   - Mitigate hazards to remedial goals with minimal use restrictions;
   - Supply DISD with a final report of all DEQ activities;
   - File mandatory Notice of Remediation, i.e. deed notice;

- Notify DISD of ongoing operations and maintenance issues, if any; and
- Perform completion ceremony, if appropriate.

4. **BUILDING USE RESTRICTIONS BEFORE CLEANUP**
   - No use of the property without DEQ approval; and
   - No use that would allow exposure to contaminants.

5. **RESPONSIBILITY FOR COSTS:** DEQ is responsible for costs associated with site characterization and remediation in the former Middle School building. DEQ is not responsible for costs associated with insuring, maintenance, and mowing of the property. DEQ is not responsible for structural issues, replacement of roofing systems, mold issues, or building security. This MOA is expressly contingent upon funding and shall terminate without penalty either in whole or part if funds are not made available to the Site Cleanup Assistance Program.

6. **PUBLIC INFORMATION:** DISD is generally responsible for all public information. However, DEQ may make public announcements and respond to all inquiries relating to the characterization and remediation of the building. DISD and DEQ shall make their best efforts to give the other party advance notice before making any public statement regarding work contemplated, undertaken, or completed pursuant to this MOA. DEQ will prepare a press release in advance of the completion ceremony, if one is held.

7. **COMMUNICATIONS AND COORDINATION REPRESENTATIVES:** To provide consistent and effective communication between DEQ and DISD, each party shall appoint a principal representative to serve as its central point of contact on matters relating to this MOA.

For DEQ:

Rachel Francks
Project Manager
PO Box 1677, Oklahoma City, OK 73101-1677
(405) 702-5112
rachel.francks@deq.ok.gov

For DISD:

Terry Bourne
Director of Maintenance
Durant Independent School District
1323 Waco St.
Durant, Oklahoma 74701
(580) 775-4545

8. **MISCELLANEOUS:** This MOA shall not affect any pre-existing or independent relationships or obligations between the parties.

9. **EFFECTIVE DATE:** This Agreement becomes effective upon the date of the signature of the Executive Director of DEQ and will remain in effect until the Middle School building has been remediated and released for occupancy by DEQ

10. **ACCEPTANCE OF AGREEMENT:** The parties acknowledge and agree that they have read the Agreement and that they accept the responsibilities with which they are charged. DISD agrees to comply with the building use restrictions before cleanup and understands that failure to comply with said restrictions or failure to adhere to the responsibilities enumerated in this Agreement may result in delayed remediation.

Duane Merideth
Superintendent of Schools
Durant Independent School District

9/8/15
DATE

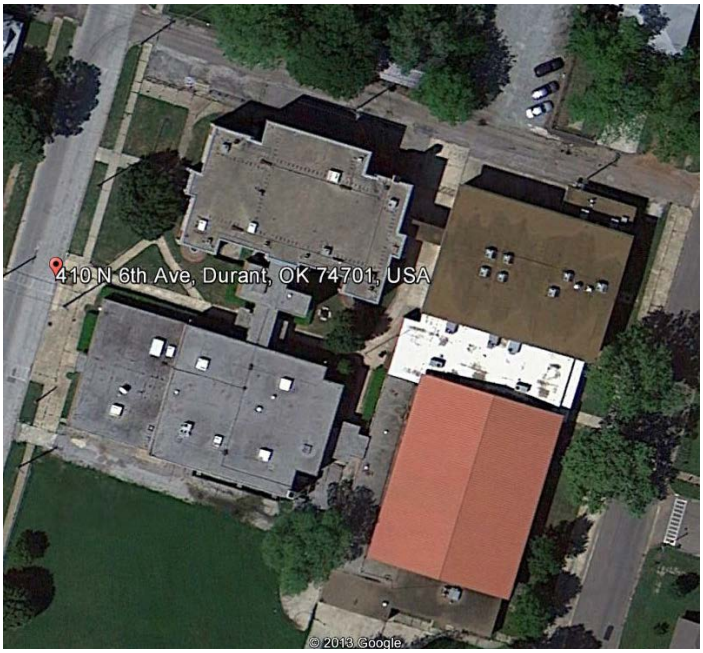
Scott A. Thompson
Executive Director
Department of Environmental Quality

11-9-15
DATE

Inspection Reports

LIMITED LEAD-BASED PAINT SURVEY
FORMER DURANT MIDDLE SCHOOL
410 NORTH 6TH AVENUE
DURANT, OKLAHOMA

ENERCON PROJECT NO. ENMISC3080



Prepared For:
Oklahoma Department of Environmental Quality
707 N Robinson Avenue
Oklahoma City
(405) 745-7120

Date:
June 10, 2014

ENERCON SERVICES, INC.
ENVIRONMENTAL SERVICES GROUP
6525 NORTH MERIDIAN, SUITE 400
OKLAHOMA CITY, OKLAHOMA 73116
(405) 722-7693

Prepared By :

Susan J Thompson
Industrial Hygiene Specialist
LBP Inspector, OKINSR13726

Reviewed By :

Emmett W. Muenker
Senior Project Manager
LBP Risk Assessor, OKRASR11260

TABLE OF CONTENTS

EXECUTIVE SUMMARY

Enercon Services, Inc. (ENERCON) performed a Limited Lead-Based Paint (LBP) Survey on January 23, 2014 and April 8, 2014 at the former Durant Middle School, Durant, Oklahoma. The complex consisted of four buildings connected by breezeways. The complex was constructed in four phases, with the original building constructed in 1919 and additional buildings added during 1964, 1981 and 1986. The latter two buildings were constructed after 1978 and therefore were not inspected for LBP.

Based upon the results of representative sampling of painted surfaces on the interior and exterior of the two pre-1978 buildings and associated grounds, approximately 1,835 square feet of painted surfaces with LBP were found to be present in the locations indicated below.

- Interior, Original Building (1919): LBP was present in good (intact) condition in the following locations:
  - The lower portion (approximately four feet) of the plaster walls and banisters in the east and west stairwells on all floors;
  - All four walls from floor to ceiling in Room #7;
  - Walls A, B and D from floor to ceiling in Room #9;
  - Wall A from floor to ceiling in Room #15.

- Interior, 1964 Building: No painted surfaces tested contained LBP.

- Exterior, Both Buildings: No exterior painted surfaces were found to have LBP.

LIMITED LEAD-BASED PAINT SURVEY
FORMER DURANT MIDDLE SCHOOL
410 NORTH 6TH AVENUE
DURANT, OKLAHOMA

1.0 INTRODUCTION

1.1 Purpose

A Limited Lead-Based Paint (LBP) Survey was conducted January 23, 2014 and April 8, 2014 at the former Durant Middle School, 410 N. 6th Avenue, Durant, Oklahoma. The purpose of this survey was to determine the presence or absence of lead-based paint (LBP) on the interior and exterior painted surfaces of the two buildings constructed prior to 1978 and the associated grounds. The survey was conducted by Susan J. Thompson, an Oklahoma-Licensed LBP Inspector (OKINSR13726), of Enercon Services, Inc. (ENERCON). Copies of the Oklahoma firm license and inspector license are provided in Appendix E.

1.2 Scope of Work

The scope of work consisted of the following tasks:

- Surface-by-surface sampling of representative painted interior surfaces by X-Ray Fluorescence (XRF) lead-in-paint analyzer within areas accessible for inspection.
- Surface-by-surface sampling of representative painted exterior building components and the grounds by XRF.
- Determination of the location and condition of any LPB identified.
- Preparation of a report documenting the sampling strategies and results of XRF sampling along with findings and conclusions.

1.3 Background

A survey of the site was requested to determine the location, quantity and condition of any LBP present on the interior and exterior of the pre-1978 buildings and grounds.

2.0 SITE DESCRIPTION

The former Durant Middle School consisted of four buildings connected by breezeways. The original building, constructed in 1919, was an unoccupied three-story building that contained classrooms and a small gymnasium. The building constructed in 1964 was an unoccupied two-story building containing classrooms, offices and a basement mechanical room. The 1981 and 1986 buildings were not inspected for LBP. The original building and the 1964 building were constructed on concrete foundations, with brick exterior walls and multi-ply built-up roofs. Interior painted wall finishes consisted of concrete, concrete block, gypsum board and plaster; painted ceilings were either concrete or gypsum board.

Windows and window frames were primarily painted metal, with some painted wood. Painted doors/door frames consisted of both metal and wood. Additional interior painted components included painted wood cabinets and shelves.

3.0 SAMPLING METHODOLOGY

3.1 Visual Observations

ENERCON personnel were provided access for the survey by Mr. Terry Bourne. Visual observations were made in conjunction with non-destructive testing of painted surfaces. The areas observed included the painted interior and exterior components. All components with LBP were in intact condition.

3.2 XRF Measurements

The presence of LBP was determined using a Niton Model XLp-703A X-Ray Fluorescence (XRF) Analyzer, Serial Number 24295. At power-up, the unit performed routine internal calibration and operational checks. It was then checked for reading accuracy using a 1.0 mg/cm^2 standard paint chip supplied by the manufacturer by a series of three measurements of the standard paint chip. This calibration was done immediately prior to use, at least every four hours of operation and prior to shut down each day of use. The location, component, substrate, color and other relevant information regarding the sample was entered into the XRF using the touchpad on the instrument as each measurement was made. Upon completion of the assessment, the data was downloaded into an Excel spreadsheet using software provided by the analyzer manufacturer. Some corrections of the downloaded data were made due to obvious keypad entry errors. Due to the sensitivity of the proximity sensor on the XRF, a number of null readings resulted, particularly when attempting to sample rough or uneven painted surfaces, such as the concrete ceilings, bricks, trim and baseboards. These readings were not deleted from the spreadsheet in order to maintain the continuity of the sample numbers. The XRF Data Spreadsheet is provided in Appendix C and the Performance Characteristic Sheet for the XLp-703A is presented in Appendix D.

4.0 RESULTS

Visual inspection and representative XRF sampling was completed on representative painted interior and exterior surfaces in the original building and the building added in 1964. Arbitrary room numbers were assigned to each room and room equivalent in order to document the location of the surfaces sampled. These room numbers are provided on the layouts in Appendix A and on the spreadsheet with the XRF

sampling results in Appendix C. The LBP locations are noted below and shown on the layouts. Representative photographs of the LBP locations are provided in Appendix B.

- Interior, Original Building (1919): LBP was present in good (intact) condition in the following locations:
  - The lower portion (approximately four feet) of the plaster walls and banisters in the east and west stairwells on all floors;
  - All four walls from floor to ceiling in Room #7;
  - Walls A, B and D from floor to ceiling in Room #9;
  - Wall A from floor to ceiling in Room #15.

- Interior, 1964 Building: No painted surfaces were found to contain LBP.

- Exterior, Both Buildings: No exterior painted surfaces were found to have LBP.

5.0 CONCLUSIONS

Interior Surfaces: The only interior painted surfaces with LBP were located in the original 1919 building. These were limited to three small rooms and the main stairwells. The LPB was in intact condition. The total area with LBP was estimated at 1,835 square feet.

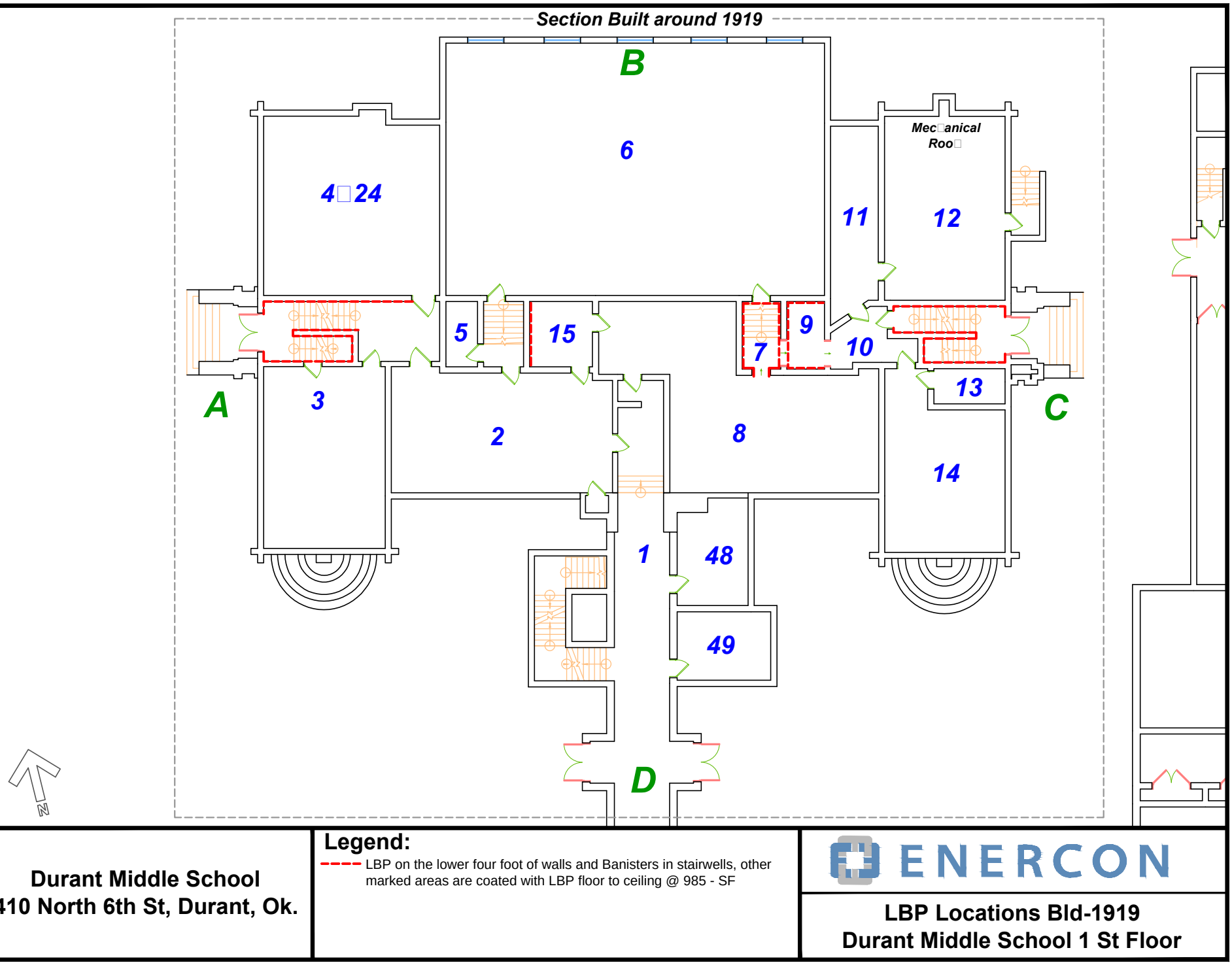
Exterior Surfaces: No LPB present.

6.0 LIMITATIONS

The conclusions presented herein are based on the agreed upon scope of work outlined previously. ENERCON makes no guarantees as to the accuracy or completeness of information obtained from others. The services performed by ENERCON have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions.

APPENDIX A

Site Layouts with Areas of LBP



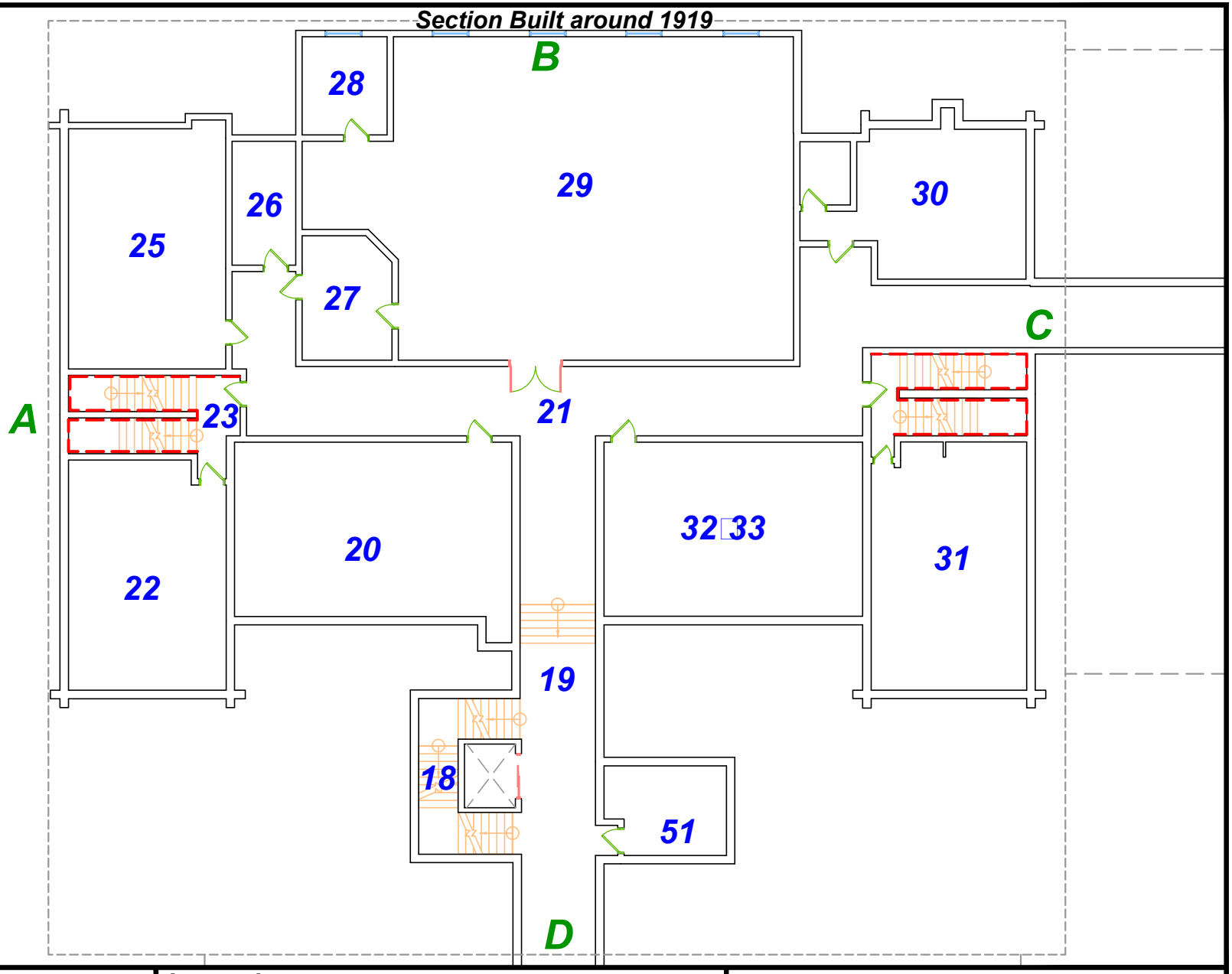
Durant Middle School
410 North 6th St, Durant, Ok.

Legend:

LBP on the lower four foot of walls and Banisters in stairwells, other marked areas are coated with LBP floor to ceiling @ 985 - SF

ENERCON

LBP Locations Bld-1919
Durant Middle School 1 St Floor

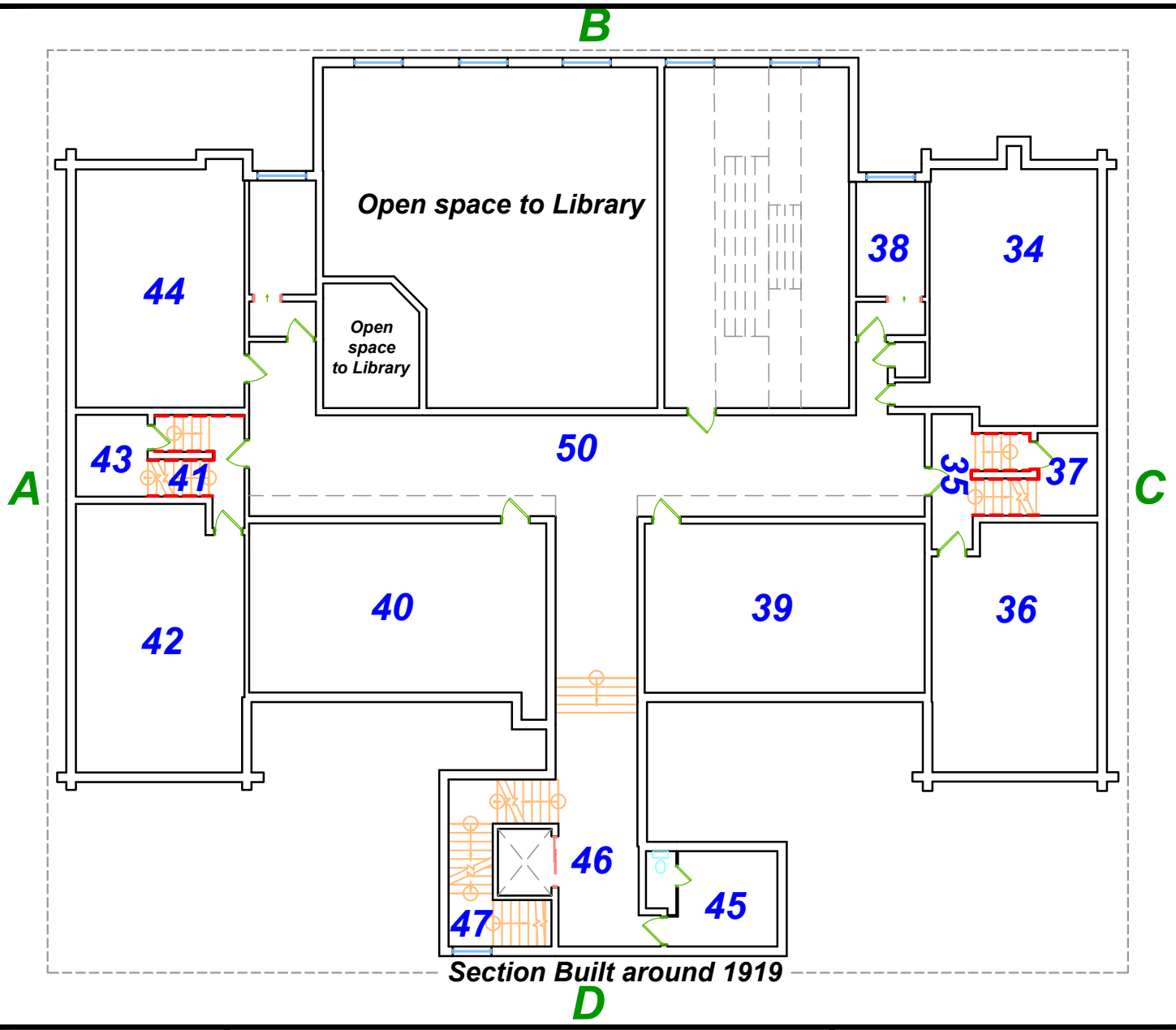


Durant Middle School
410 North 6th St, Durant, Ok.

Legend:
LBP on the lower four foot of walls and Banisters in stairwells @ 600SF

ENERCON

LBP Locations Bld-1919
Durant Middle School nd Floor



Durant Middle School
410 North 6th St, Durant, Ok.

Legend:
LBP on the lower four foot of walls and Banisters in stairwells @ 250 SF

ENERCON

LBP Locations Bld-1919
Durant Middle School 3rd Floor

APPENDIX B

Representative Site Photographs

APPENDIX
PHOTOGRAPHIC RECORD
Durant Middle School – Lead-Based Paint Survey


Photo #1: Room #7 Bldg 1919


Photo #2: Room #9 Bldg 1919


Photo #3: Room #15 Wall A Bldg 1919


Photo #4: West Stairway Wall Bldg 1919


Photo #5: East Stairway Banister Bldg 1919

APPENDIX C

XRF Data Spreadsheet

DURANT MIDDLE SCHOOL
410 N. 6TH, DURANT, OK

Reading No	Time	Component	Site	Floor	Room	Side	Substrate	Condition	Color	Inspector	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
1	1/23/2014 10:12	Internal										0.69	0	0.11	0	0	0
2	1/23/2014 10:15	Calibration									Positive	1.2	0.2	1.2	0.2	0.19	0.72
3	1/23/2014 10:19	Calibration									Positive	1	0.1	1	0.1	0.6	0.3
4	1/23/2014 10:20	Calibration									Negative	0.9	0.1	0.9	0.1	0.8	0.6
5	1/23/2014 10:23	WALL	1919	FIRST	1	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0.7	0.1	0.7	0.1	0.5	0.8
6	1/23/2014 10:24	DOOR	1919	FIRST	1	C	WOOD	INTACT	TAN	S. Thompson	Negative	0.07	0.17	0.07	0.17	-0.42	1.24
7	1/23/2014 10:26	DOOR JAM	1919	FIRST	1	C	WOOD	INTACT	WHITE	S. Thompson	Negative	0.05	0.12	0.05	0.12	0	2.6
8	1/23/2014 10:28	WALL	1919	FIRST	1	A	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.05	0.07	0.05	0.07	-0.47	2.12
9	1/23/2014 10:28	WALL	1919	FIRST	1	B	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.05	0.09	0.05	0.09	-0.2	1.83
10	1/23/2014 10:29	WALL	1919	FIRST	2	A	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0	1.69
11	1/23/2014 10:30	WALL	1919	FIRST	2	B	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0.01	0.03	0.01	0.03	0.15	1.53
12	1/23/2014 10:30	WALL	1919	FIRST	2	C	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	-0.38	2.07
13	1/23/2014 10:30	WALL	1919	FIRST	2	D	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	-0.52	2.18
14	1/23/2014 10:31		1919	FIRST						S. Thompson	Null	0.16	0.34	0.16	0.34	-0.33	4.49
15	1/23/2014 10:31	STAIRS	1919	FIRST	2	C	METAL	INTACT	MAROON	S. Thompson	Negative	0.05	0.1	0.05	0.1	0.15	2.89
16	1/23/2014 10:33	WALL	1919	FIRST	3	A	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.01	0.02	0.01	0.02	-0.24	1.89
17	1/23/2014 10:34	WALL	1919	FIRST	3	B	PLASTER	INTACT	GREEN	S. Thompson	Negative	0.14	0.09	0.14	0.09	0.4	0.9
18	1/23/2014 10:35	WALL	1919	FIRST	3	C	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.47	2.16
19	1/23/2014 10:36	WALL	1919	FIRST	3	D	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.02	0.08	0.02	0.08	-0.04	1.74
20	1/23/2014 10:37	WINDOW FRAME	1919	FIRST	3	D	METAL	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.5	2.8
21	1/23/2014 10:37	WINDOW SASH	1919	FIRST	3	D	METAL	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.17	2.92
22	1/23/2014 10:38	DOOR	1919	FIRST	3	B	WOOD	INTACT	TAN	S. Thompson	Negative	0.01	0.03	0.01	0.03	-0.25	1.05
23	1/23/2014 10:39	DUCTWORK	1919	FIRST	3	B	METAL	INTACT	WHITE	S. Thompson	Negative	0	0.03	0	0.03	-0.21	2.16
24	1/23/2014 10:40	WALL	1919	FIRST	4	D	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0.02	0.09	0.02	0.09	-0.19	1.87
25	1/23/2014 10:41	WALL	1919	FIRST	4	A	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	-0.5	2.11
26	1/23/2014 10:41	WALL	1919	FIRST	4	B	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.03	1.65
27	1/23/2014 10:42	DOOR	1919	FIRST	4	C	WOOD	INTACT	VARNISH	S. Thompson	Negative	0.14	0.12	0.14	0.12	0.07	1.28
28	1/23/2014 10:42	DOOR JAM	1919	FIRST	4	B	WOOD	INTACT	VARNISH	S. Thompson	Negative	0.09	0.11	0.09	0.11	-0.08	1.56
29	1/23/2014 10:44	WALL	1919	FIRST	5	B	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.4	0.5	0.4	0.1	0.4	0.5
30	1/23/2014 10:46		1919	FIRST						S. Thompson	Null	0.2	0.24	0.2	0.24	0.05	1.82
31	1/23/2014 10:46	WALL	1919	FIRST	6	A	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.15	0.1	0.15	0.1	0.6	0.9
32	1/23/2014 10:47	WALL	1919	FIRST	6	B	PLASTER	INTACT	BLUE	S. Thompson	Negative	0.06	0.06	0.06	0.06	0.13	1.51
33	1/23/2014 10:48	WALL	1919	FIRST	6	C	PLASTER	INTACT	RED	S. Thompson	Negative	0.11	0.09	0.11	0.09	0.3	0.95
34	1/23/2014 10:49	WALL	1919	FIRST	6	D	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.05	0.11	0.05	0.11	0.3	1.34
35	1/23/2014 10:52	WALL	1919	FIRST	7	A	PLASTER	INTACT	WHITE	S. Thompson	Positive	1.8	0.8	1.8	0.8	2	1.8
36	1/23/2014 10:53		1919	FIRST				INTACT		S. Thompson	Null	0.5	0.4	0.5	0.4	0.6	1.9
37	1/23/2014 10:54	WALL	1919	FIRST	7	B	PLASTER	INTACT	WHITE	S. Thompson	Positive	2	0.9	1.2	0.4	2	0.9
38	1/23/2014 10:54	WALL	1919	FIRST	7	C	PLASTER	INTACT	WHITE	S. Thompson	Positive	2.1	1.1	2.1	1.1	1.3	2.3
39	1/23/2014 10:55	WALL	1919	FIRST	7	D	PLASTER	INTACT	WHITE	S. Thompson	Positive	1.4	0.4	1.4	0.4	1.3	0.9
40	1/23/2014 10:56	DOOR JAM	1919	FIRST	7	C	WOOD	INTACT	WHITE	S. Thompson	Negative	0.05	0.12	0.05	0.12	0.19	1.46
41	1/23/2014 10:57	WALL	1919	FIRST	8	A	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.27	1.52
42	1/23/2014 10:58	WALL	1919	FIRST	8	A	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.25	1.43
43	1/23/2014 10:59	WALL	1919	FIRST	8	B	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0	1.7
44	1/23/2014 10:59	WALL	1919	FIRST	8	D	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.02	1.71

DURANT MIDDLE SCHOOL
410 N. 6TH, DURANT, OK

Reading No	Time	Component	Site	Floor	Room	Side	Substrate	Condition	Color	Inspector	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
45	1/23/2014 11:01	WINDOW FRAME	1919	FIRST	8	D	METAL	INTACT	WHITE	S. Thompson	Negative	0.02	0.06	0.02	0.06	0.23	1.71
46	1/23/2014 11:03	WALL	1919	FIRST	9	A	PLASTER	INTACT	WHITE	S. Thompson	Positive	1.3	0.3	1.3	0.3	1	1
47	1/23/2014 11:04	WALL	1919	FIRST	9	B	PLASTER	INTACT	WHITE	S. Thompson	Positive	1.4	0.3	1.4	0.3	1.1	1
48	1/23/2014 11:04	WALL	1919	FIRST	9	C	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.04	1.66
49	1/23/2014 11:05	WALL	1919	FIRST	9	D	PLASTER	INTACT	WHITE	S. Thompson	Positive	1.8	0.8	1.8	0.8	1.1	2.4
50	1/23/2014 11:10	WALL	1919	FIRST	9	C	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.1	1.75
51	1/23/2014 11:12	WALL	1919	FIRST	10	A	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.07	1.58
52	1/23/2014 11:13	DOOR JAM	1919	FIRST	10	C	METAL	INTACT	TAN	S. Thompson	Negative	0	0.02	0	0.02	-0.43	2.57
53	1/23/2014 11:23	WALL	1919	FIRST	11	A	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0.3	0.7	0.05	0.05	0.3	0.7
54	1/23/2014 11:24	WALL	1919	FIRST	11	B	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.15	0.11	0.15	0.11	0.5	0.9
55	1/23/2014 11:25	WALL	1919	FIRST	11	C	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0.04	0.07	0.04	0.07	0.18	1.5
56	1/23/2014 11:26	DOOR	1919	FIRST	11	C	WOOD	INTACT	YELLOW	S. Thompson	Negative	0.23	0.34	0.23	0.34	-0.11	1.33
57	1/23/2014 11:27	WALL	1919	FIRST	12	A	PLASTER	INTACT	TAN	S. Thompson	Negative	0.07	0.08	0.07	0.08	0.17	1.48
58	1/23/2014 11:28		1919	FIRST				INTACT		S. Thompson	Null	0.01	0.05	0.01	0.05	0.29	2.12
59	1/23/2014 11:28	WALL	1919	FIRST	12	C	PLASTER	INTACT	TAN	S. Thompson	Negative	0.01	0.02	0.01	0.02	0.6	0.8
60	1/23/2014 11:33	WALL	1919	FIRST	14	A	PANELING	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.82	1.36
61	1/23/2014 11:34	WALL	1919	FIRST	14	B	PANELING	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.44	1.1
62	1/23/2014 11:34		1919	FIRST				INTACT		S. Thompson	Null	0	0.04	0	0.04	-0.14	2.76
63	1/23/2014 11:34	WALL	1919	FIRST	14	C	PANELING	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.23	1.26
64	1/23/2014 11:35	WALL	1919	FIRST	14	D	PANELING	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.05	1.3
65	1/23/2014 11:40	WALL	1919	FIRST	15	A	PLASTER	INTACT	WHITE	S. Thompson	Positive	1.3	0.3	1.3	0.3	1.1	0.6
66	1/23/2014 11:41	WALL	1919	FIRST	15	B	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.8	0.2	0.8	0.2	0.5	0.6
67	1/23/2014 11:42	WALL	1919	FIRST	15	C	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.02	1.72
68	1/23/2014 11:43	WALL	1919	FIRST	15	D	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.01	0.03	0.01	0.03	-0.45	2.15
69	1/23/2014 11:43	WINDOW FRAME	1919	FIRST	15	B	WOOD	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.05	1.22
70	1/23/2014 11:44	DOOR JAM	1919	FIRST	15	C	WOOD	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.07	1.49
71	1/23/2014 11:45	DOOR	1919	SECOND	18	C	WOOD	INTACT	VARNISH	S. Thompson	Negative	0.01	0.06	0.01	0.06	-0.43	1.41
72	1/23/2014 12:00	WALL	1919	SECOND	18	A	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.4	1.3
73	1/23/2014 12:01	CORNER COVER	1919	SECOND	19	C	METAL	INTACT	WHITE	S. Thompson	Negative	0.03	0.1	0.03	0.1	-0.34	2.72
74	1/23/2014 12:02	WALL	1919	SECOND	19	A	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0.01	0.02	0.01	0.02	0.15	1.47
75	1/23/2014 12:03	WALL	1919	SECOND	20	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.5	1.2
76	1/23/2014 12:06	CABINET DOOR	1919	SECOND	20	B	WOOD	INTACT	RED	S. Thompson	Negative	0.03	0.07	0.03	0.07	0	1.54
77	1/23/2014 12:06	CABINET FRAME	1919	SECOND	20	B	WOOD	INTACT	RED	S. Thompson	Negative	0.05	0.13	0.05	0.13	0.3	1.26
78	1/23/2014 12:07	DOOR	1919	SECOND	20	B	WOOD	INTACT	RED	S. Thompson	Negative	0	0.02	0	0.02	-0.29	2
79	1/23/2014 12:07	DOOR JAM	1919	SECOND	20	B	METAL	INTACT	TAN	S. Thompson	Negative	0	0.02	0	0.02	-0.11	2.56
80	1/23/2014 12:11	WALL	1919	SECOND	21	D	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	-0.33	1.94
81	1/23/2014 12:13	WALL	1919	SECOND	22	D	PLASTER	INTACT	BLUE	S. Thompson	Negative	0.3	0.2	0.3	0.2	0.6	0.9
82	1/23/2014 12:14	REGISTER	1919	SECOND	22	A	METAL	INTACT	YELLOW	S. Thompson	Negative	0.04	0.11	0.04	0.11	0.07	2.16
83	1/23/2014 12:16	CABINET DOOR	1919	SECOND	22	B	WOOD	INTACT	WHITE	S. Thompson	Negative	0.01	0.03	0.01	0.03	-0.11	1.39
84	1/23/2014 12:16	CABINET FRAME	1919	SECOND	22	B	WOOD	INTACT	WHITE	S. Thompson	Negative	0.05	0.16	0.05	0.16	0.11	1.26
85	1/23/2014 12:16	DOOR	1919	SECOND	22	B	WOOD	INTACT	RED	S. Thompson	Negative	0	0.02	0	0.02	-0.16	1.62
86	1/23/2014 12:17	DOOR FRAME	1919	SECOND	22	B	METAL	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.18	2.55
87	1/23/2014 12:22	WALL	1919	SECOND	23	A	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0.6	0.4	0.2	0.05	0.6	0.4
88	1/23/2014 12:23		1919	SECOND				INTACT		S. Thompson	Null	0.1	0.12	0.1	0.12	0.9	1.6

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Reading No	Time	Component	Site	Floor	Room	Side	Substrate	Condition	Color	Inspector	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
89	1/23/2014 12:24	WALL	1919	SECOND	23	B	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0.3	0.2	0.3	0.2	0.5	0.9
90	1/23/2014 12:24		1919	SECOND				INTACT		S. Thompson	Null	1.1	1.9	1.1	1.9	1.3	5.7
91	1/23/2014 12:27	WALL	1919	SECOND	23	D	PLASTER	INTACT	YELLOW	S. Thompson	Positive	1.2	0.2	1.2	0.2	1.3	0.4
92	1/23/2014 12:30		1919	SECOND				INTACT		S. Thompson	Null	0.4	1.1	0.4	1.1	0.7	4.1
93	1/23/2014 12:33	WALL	1919	SECOND	24	B	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0.25	0.08	0.25	0.08	0.9	0.3
94	1/23/2014 12:41	WALL	1919	SECOND	25	C	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.15	0.28	0.15	0.28	-0.12	1.52
95	1/23/2014 12:53		1919	SECOND				INTACT		S. Thompson	Null	0	0.02	0	0.02	0.4	1.4
96	1/23/2014 12:53	WALL	1919	SECOND	26	C	CONCRETE	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	-0.02	1.7
97	1/23/2014 13:01	CABINET DOOR	1919	SECOND	27	D	WOOD	INTACT	VARNISH	S. Thompson	Negative	0	0.02	0	0.02	-0.06	1.44
98	1/23/2014 13:01	CABINET FRAME	1919	SECOND	27	D	WOOD	INTACT	VARNISH	S. Thompson	Negative	0.01	0.05	0.01	0.05	-0.69	1.51
99	1/23/2014 13:02	WINDOW FRAME	1919	SECOND	27	B	METAL	INTACT	TAN	S. Thompson	Negative	0.01	0.05	0.01	0.05	-0.14	1.94
100	1/23/2014 13:04	WALL	1919	SECOND	28	A	PLASTER	INTACT	TAN	S. Thompson	Negative	0.1	0.1	0.1	0.1	0.24	1.44
101	1/23/2014 13:10	WALL	1919	SECOND	29	B	PLASTER	INTACT	BLUE	S. Thompson	Negative	0.7	0.3	0.5	0.1	0.7	0.3
102	1/23/2014 13:13		1919	SECOND						S. Thompson	Null	0.16	0.24	0.16	0.24	0.4	1.5
103	1/23/2014 13:14		1919	SECOND						S. Thompson	Null	0.3	0.28	0.3	0.28	0.8	0.9
104	1/23/2014 13:15	CEILING	1919	SECOND	29	CEILING	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.16	0.15	0.16	0.15	0.7	0.9
105	1/23/2014 13:17	WALL	1919	SECOND	30	A	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.9	1.9
106	1/23/2014 13:18	REGISTER	1919	SECOND	30	C	METAL	INTACT	GREEN	S. Thompson	Negative	0.19	0.28	0.19	0.28	-0.08	2.46
107	1/23/2014 13:21	REGISTER	1919	SECOND	31	C	METAL	INTACT	TAN	S. Thompson	Negative	0.03	0.06	0.03	0.06	-0.06	2.22
108	1/23/2014 13:24	CABINET DOOR	1919	SECOND	32	B	WOOD	INTACT	TAN	S. Thompson	Negative	0.04	0.07	0.04	0.07	-0.58	1.39
109	1/23/2014 13:24	CABINET FRAME	1919	SECOND	33	B	WOOD	INTACT	TAN	S. Thompson	Negative	0.08	0.16	0.08	0.16	-0.36	1.43
110	1/23/2014 13:25	CABINET SHELF	1919	SECOND	34	B	WOOD	INTACT	GREEN	S. Thompson	Negative	0	0.02	0	0.02	0.4	1.3
111	1/23/2014 13:31		1919	THIRD						S. Thompson	Null	0.3	0.5	0.3	0.5	0.7	1.9
112	1/23/2014 13:31	WALL	1919	THIRD	35	B	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0.23	0.18	0.23	0.18	0.6	0.9
113	1/23/2014 13:32	WALL	1919	THIRD	35	C	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.1	1.52
114	1/23/2014 13:33	WALL	1919	THIRD	35	D	PLASTER	INTACT	YELLOW	S. Thompson	Positive	1.6	0.6	0.4	0.2	1.6	0.6
115	1/23/2014 13:36		1919	THIRD						S. Thompson	Null	0.26	0.16	0.26	0.16	0.4	0.7
116	1/23/2014 13:37	WALL	1919	THIRD	35	D	PLASTER	INTACT	TAN	S. Thompson	Negative	0.3	0.23	0.3	0.23	0.5	0.9
117	1/23/2014 13:38	BANISTER	1919	THIRD	35	B	PLASTER	INTACT	YELLOW	S. Thompson	Positive	1.7	0.7	0.9	0.3	1.7	0.7
118	1/23/2014 13:40	BANISTER	1919	THIRD	35	B	PLASTER	INTACT	YELLOW	S. Thompson	Negative	0.18	0.12	0.18	0.12	0.7	0.9
119	1/23/2014 13:42	DOOR	1919	THIRD	36	A	WOOD	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	-0.18	1.51
120	1/23/2014 13:43	REGISTER	1919	THIRD	36	C	METAL	INTACT	WHITE	S. Thompson	Negative	0.08	0.2	0.08	0.2	-0.33	2.31
121	1/23/2014 13:47	CABINET DOOR	1919	THIRD	37	B	WOOD	INTACT	YELLOW	S. Thompson	Negative	0.03	0.1	0.03	0.1	-0.06	1.31
122	1/23/2014 13:47	CABINET SHELF	1919	THIRD	37	B	WOOD	INTACT	GREEN	S. Thompson	Negative	0.14	0.2	0.14	0.2	0.07	1.68
123	1/23/2014 13:48	WINDOW SILL	1919	THIRD	37	C	PLASTER	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	-0.38	2.05
124	1/23/2014 13:53	WALL	1919	THIRD	38	D	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.18	1.81
125	1/23/2014 13:55		1919	THIRD					WHITE	S. Thompson	Null	0.01	0.02	0.01	0.02	0.4	1.5
126	1/23/2014 13:56	WALL	1919	THIRD	39	D	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.03	1.64
127	1/23/2014 14:00	WALL	1919	THIRD	40	B	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.2	0.16	0.2	0.16	0.6	0.9
128	1/23/2014 14:01	TOP BANISTER	1919	THIRD	40	B	PLASTER	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.14	1.45
129	1/23/2014 14:08	WALL	1919	THIRD	41	B	PLASTER	INTACT	WHITE	S. Thompson	Positive	2.3	1	1.3	0.4	2.3	1
130	1/23/2014 14:09	BANISTER	1919	THIRD	41	A	PLASTER	INTACT	WHITE	S. Thompson	Positive	1.9	0.6	1.9	0.6	1.3	1.1
131	1/23/2014 14:12	WALL	1919	THIRD	43	C	WOOD	INTACT	WHITE	S. Thompson	Negative	0.2	0.35	0.2	0.35	0.28	1.4
132	1/23/2014 14:12	WALL	1919	THIRD	43	A	PLASTER	INTACT	WHITE	S. Thompson	Negative	0.03	0.08	0.03	0.08	0.26	0.93

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Reading No	Time	Component	Site	Floor	Room	Side	Substrate	Condition	Color	Inspector	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
133	1/23/2014 14:17	REGISTER	1919	THIRD	44	A	METAL	INTACT	TAN	S. Thompson	Negative	0.03	0.08	0.03	0.08	-0.62	2.37
134	1/23/2014 14:26	WALL	1919	THIRD	45	C	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.27	1.39
135	1/23/2014 14:27		1919	THIRD				INTACT		S. Thompson	Null	0	0.02	0	0.02	1.8	4.6
136	1/23/2014 14:28	WALL	1919	THIRD	46	A	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0.4	0.1	0.4	0.1	0.4	0.9
137	1/23/2014 14:31	WALL	1919	THIRD	47	C	CONCRETE	INTACT	TAN	S. Thompson	Negative	0.8	0.1	0.8	0.1	1.2	0.5
138	1/23/2014 14:34	WALL	1919	THIRD	48	B	DRYWALL	INTACT	YELLOW	S. Thompson	Negative	0.02	0.09	0.02	0.09	-0.54	1.3
139	1/23/2014 14:37	REGISTER	1919	THIRD	49	C	METAL	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.08	2.52
140	1/23/2014 14:52	Calibration									Positive	1	0.1	1	0.1	0.6	0.3
141	1/23/2014 14:53	Calibration									Negative	0.9	0.1	0.9	0.1	0.6	0.5
142	1/23/2014 14:54	Calibration									Positive	1.1	0.1	1.1	0.1	0.7	0.4
143	1/23/2014 15:10	WALL	1964	FIRST	1	A	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.04	1.65
144	1/23/2014 15:10	WALL	1964	FIRST	1	B	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0.01	0.03	0.01	0.03	0.02	1.58
145	1/23/2014 15:11	WALL	1964	FIRST	1	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0.01	0.03	0.01	0.03	0.06	1.61
146	1/23/2014 15:11	WALL	1964	FIRST	1	D	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.16	1.54
147	1/23/2014 15:12	DOOR FRAME	1964	FIRST	1	C	METAL	INTACT	BLUE	S. Thompson	Negative	0.12	0.25	0.12	0.25	-0.18	2.63
148	1/23/2014 15:12	DOOR	1964	FIRST	1	C	WOOD	INTACT	TAN	S. Thompson	Negative	0	0.02	0	0.02	0.24	1.29
149	1/23/2014 15:13	REGISTER	1964	FIRST	2	C	METAL	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.12	2.37
150	1/23/2014 15:14	DOOR FRAME	1964	FIRST	2	C	METAL	INTACT	WHITE	S. Thompson	Negative	0.03	0.07	0.03	0.07	-0.58	2.66
151	1/23/2014 15:16	WALL	1964	FIRST	3	B	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.3	1.33
152	1/23/2014 15:17	WALL	1964	FIRST	3	D	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0.01	0.02	0.01	0.02	0.4	1.3
153	1/23/2014 15:17	CABINET DOOR	1964	FIRST	3	D	WOOD	INTACT	VARNISH	S. Thompson	Negative	0.01	0.07	0.01	0.07	-0.25	1.2
154	1/23/2014 15:18	CABINET FRAME	1964	FIRST	3	D	WOOD	INTACT	VARNISH	S. Thompson	Negative	0	0.02	0	0.02	0.07	1.24
155	1/23/2014 15:20	WALL	1964	FIRST	4	A	CONCRETE	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	0.11	1.58
156	1/23/2014 15:21	WALL	1964	FIRST	4	C	CONCRETE	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	0.16	1.54
157	1/23/2014 15:21	WALL	1964	FIRST	4	B	CONCRETE	INTACT	BLUE	S. Thompson	Negative	0.01	0.04	0.01	0.04	0.22	1.44
158	1/23/2014 15:22	WALL	1964	FIRST	4	D	CONCRETE	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	0.27	1.42
159	1/23/2014 15:23	WALL	1964	FIRST	5	A	CONCRETE	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	-0.18	1.74
160	1/23/2014 15:25	WALL	1964	FIRST	6	A	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.15	1.52
161	1/23/2014 15:25		1964	FIRST				INTACT		S. Thompson	Null	0.01	0.05	0.01	0.05	0.18	1.83
162	1/23/2014 15:26	SHELF	1964	FIRST	6	C	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	0.3	1.38
163	1/23/2014 15:26	WALL	1964	FIRST	6	D	CONCRETE	INTACT	BLUE	S. Thompson	Negative	0.06	0.19	0.06	0.19	0.13	1.59
164	1/23/2014 15:27	WALL	1964	FIRST	8	B	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0.01	0.02	0.01	0.02	0.4	1.3
165	1/23/2014 15:31	WALL	1964	FIRST	8	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.4	1.3
166	1/23/2014 15:32		1964	FIRST				INTACT		S. Thompson	Null	0	0.03	0	0.03	0.11	3.65
167	1/23/2014 15:32	WALL	1964	FIRST	7	A	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.23	1.45
168	1/23/2014 15:33	CABINET DOOR	1964	FIRST	7	D	CONCRETE	INTACT	VARNISH	S. Thompson	Negative	0.01	0.03	0.01	0.03	-0.42	1.23
169	1/23/2014 15:35		1964	FIRST				INTACT		S. Thompson	Null	0.9	0.3	0.9	0.3	0.9	1.6
170	1/23/2014 15:36	WALL	1964	FIRST	9	B	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0.8	0.1	0.8	0.1	1	0.7
171	1/23/2014 15:39	WALL	1964	FIRST	10	A	DRYWALL	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.09	1.38
172	1/23/2014 15:40	WALL	1964	FIRST	10	B	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.2	1.48
173	1/23/2014 15:42	WALL	1964	FIRST	11	C	DRYWALL	INTACT	BLUE	S. Thompson	Negative	0	0.02	0	0.02	0	1.15
174	1/23/2014 15:43	WALL	1964	FIRST	12	C	DRYWALL	INTACT	YELLOW	S. Thompson	Negative	0	0.02	0	0.02	-0.59	1.59
175	1/23/2014 15:44	CABINET DOOR	1964	FIRST	12	A	WOOD	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.6	1.3
176	1/23/2014 15:44	CABINET FRAME	1964	FIRST	12	A	WOOD	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.14	1.04

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Reading No	Time	Component	Site	Floor	Room	Side	Substrate	Condition	Color	Inspector	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
177	1/23/2014 15:45	WALL	1964	FIRST	13	B	CONCRETE	INTACT	RED	S. Thompson	Negative	0	0.02	0	0.02	-0.03	1.72
178	1/23/2014 15:46	WALL	1964	FIRST	13	D	WOOD	INTACT	RED	S. Thompson	Negative	0.02	0.08	0.02	0.08	-0.44	2.68
179	1/23/2014 15:47	WALL	1964	FIRST	14	D	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.7	0.7
180	1/23/2014 15:50	WALL	1964	FIRST	15	A	CONCRETE	INTACT	TAN	S. Thompson	Negative	0	0.02	0	0.02	0.4	1.3
181	1/23/2014 15:51	DOOR	1964	FIRST	9	A	METAL	INTACT	TAN	S. Thompson	Negative	0.02	0.04	0.02	0.04	-0.12	2.32
182	1/23/2014 15:55	WALL	1964	FIRST	16	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.25	1.4
183	1/23/2014 15:56	DOOR FRAME	1964	FIRST	16	D	METAL	INTACT	TAN	S. Thompson	Negative	0.01	0.03	0.01	0.03	0.29	2.51
184	1/23/2014 15:57	SHELF	1964	FIRST	17	B	WOOD	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	-0.12	1.26
185	1/23/2014 15:58	WALL	1964	FIRST	17	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.4	1.3
186	1/23/2014 15:59	WALL	1964	FIRST	18	A	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.6	0.8
187	1/23/2014 16:01		1964	FIRST				INTACT		S. Thompson	Null	0.01	0.2	0.01	0.2	0.5	4.3
188	1/23/2014 16:01		1964	FIRST				INTACT		S. Thompson	Null	0	0.02	0	0.02	-0.13	1.94
189	1/23/2014 16:02	WINDOW SILL	1964	FIRST	19	B	CONCRETE	INTACT	RED	S. Thompson	Negative	0	0.02	0	0.02	0.17	1.52
190	1/23/2014 16:03	CABINET DOOR	1964	FIRST	19	C	WOOD	INTACT	TAN	S. Thompson	Negative	0	0.02	0	0.02	0.09	2.18
191	1/23/2014 16:03	CABINET FRAME	1964	FIRST	19	C	WOOD	INTACT	TAN	S. Thompson	Negative	0.01	0.06	0.01	0.06	-1.01	2.25
192	1/23/2014 16:06	WALL	1964	SECOND	20	D	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0.5	0.1	0.5	0.1	0.7	0.9
193	1/23/2014 16:08	WALL	1964	SECOND	21	A	DRYWALL	INTACT	WHITE	S. Thompson	Negative	0.02	0.08	0.02	0.08	-0.3	1.52
194	1/23/2014 16:10	WALL	1964	SECOND	22	A	CONCRETE	INTACT	YELLOW	S. Thompson	Negative	0.01	0.02	0.01	0.02	0.5	0.8
195	1/23/2014 16:11	COUNTER TOP	1964	SECOND	22	A	TRANSITE	INTACT	WHITE	S. Thompson	Negative	0.07	0.15	0.07	0.15	-0.23	1.84
196	1/23/2014 16:15	WALL	1964	SECOND	23	A	WOOD	INTACT	VARNISH	S. Thompson	Negative	0.01	0.05	0.01	0.05	-0.39	1
197	1/23/2014 16:20	WALL	1964	SECOND	24	A	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.21	1.48
198	1/23/2014 16:21	DOOR FRAME	1964	SECOND	25	D	METAL	INTACT	YELLOW	S. Thompson	Negative	0.08	0.14	0.08	0.14	-0.23	2.53
199	1/23/2014 16:22	WALL	1964	SECOND	26	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.26	1.4
200	1/23/2014 17:22	WALL	1964	SECOND	29	C	CONCRETE	INTACT	WHITE	S. Thompson	Negative	0	0.02	0	0.02	0.6	0.9
201	1/23/2014 19:47		1964					INTACT		S. Thompson	Positive	1.2	0.2	1.2	0.2	0.8	0.7
202	1/23/2014 19:48		1964					INTACT		S. Thompson	Negative	0.9	0.1	0.9	0.1	0.6	0.6
203	1/23/2014 19:51		1964					INTACT		S. Thompson	Positive	1	0.1	1	0.1	0.7	0.3

Reading No	Time	Type	Duration	Units	Component	Substrate	Side	Condition	Color	Site	Inspector	Floor	Room	Misc 1	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
2	4/8/2014 11:15	SHUTTER_CAL	511	cps												0.66	0	0.12	0	0.01	0
3	4/8/2014 11:19	PAINT	17.01	mg / cm ^2	calibration										Positive	1.1	0.1	1.1	0.1	0.6	0.3
4	4/8/2014 11:23	PAINT	19.84	mg / cm ^2	calibration										Positive	1	0.1	1	0.1	0.8	0.3
5	4/8/2014 11:26	PAINT	19.84	mg / cm ^2	calibration										Positive	1	0.1	1	0.1	0.9	0.3
6	4/8/2014 12:44	PAINT	0.4	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	1919	thompson	BASEMENT	STAIR north	lower	Null	1.4	3.5	1.4	3.5	1.1	6.4
7	4/8/2014 12:45	PAINT	3.06	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	1919	thompson	BASEMENT	STAIR north	lower	Positive	2.1	1.1	1.2	0.5	2.1	1.1
8	4/8/2014 12:46	PAINT	3.05	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	1919	thompson	BASEMENT	STAIR north	upper	Negative	0.27	0.15	0.27	0.15	0.6	0.9
9	4/8/2014 12:47	PAINT	3.05	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	1919	thompson	BASEMENT	STAIR north	lower	Positive	1.6	0.5	1.6	0.5	1.2	1.1
10	4/8/2014 12:51	PAINT	14.62	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	1919	thompson	BASEMENT	STAIR north	upper	Null	0.25	0.06	0.25	0.06	0.8	0.4
11	4/8/2014 12:53	PAINT	10.42	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	1919	thompson	BASEMENT	STAIR north	upper	Null	0.4	0.1	0.4	0.1	0.7	0.5
12	4/8/2014 12:57	PAINT	20.01	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	1919	thompson	BASEMENT	STAIR north	upper	Negative	0.28	0.06	0.28	0.06	0.8	0.3
13	4/8/2014 13:35	PAINT	0.52	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	1919	thompson	THIRD	STAIR north	lower	Null	1	2	1	2	2.2	6.4
14	4/8/2014 13:37	PAINT	5.35	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	1919	thompson	THIRD	STAIR north	lower	Positive	1.4	0.4	1.4	0.4	1.6	0.7
15	4/8/2014 13:38	PAINT	4.2	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	1919	thompson	THIRD	STAIR north	upper	Negative	0.09	0.11	0.09	0.11	0.9	0.7
16	4/8/2014 13:41	PAINT	3.16	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	1919	thompson	THIRD	STAIR south	lower	Negative	0.12	0.1	0.12	0.1	0.8	0.9
17	4/8/2014 13:44	PAINT	8.46	mg / cm ^2	WALL	PLASTER	B	INTACT	WHITE	1919	thompson	THIRD	STAIR south	upper	Negative	0.26	0.09	0.26	0.09	0.6	0.5
18	4/8/2014 13:47	PAINT	3.64	mg / cm ^2	banister	PLASTER	B	INTACT	WHITE	1919	thompson	THIRD	STAIR south	lower	Positive	2	1	0.8	0.5	2	1
19	4/8/2014 13:49	PAINT	1.15	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	1919	thompson	THIRD	STAIR south	lower	Null	0.25	0.67	0.25	0.67	1.1	2.3
20	4/8/2014 13:50	PAINT	3.41	mg / cm ^2	WALL	PLASTER	D	INTACT	WHITE	1919	thompson	THIRD	STAIR south	lower	Positive	2	1	0.8	0.5	2	1
21	4/8/2014 13:53	PAINT	3.05	mg / cm ^2	banister	PLASTER	D	INTACT	WHITE	1919	thompson	BASEMENT	STAIR south	lower	Positive	2.6	1.1	2.1	0.8	2.6	1.1
22	4/8/2014 14:10	SHUTTER_CAL	511.08	cps												0.61	0	0.14	0	0	0
23	4/8/2014 14:16	PAINT	1.21	mg / cm ^2	WINDOW	METAL	A	INTACT	WHITE	1919	thompson	FIRST	exterior		Negative	0	0.02	0	0.02	-0.29	1.95
24	4/8/2014 14:17	PAINT	1.04	mg / cm ^2	downspout	METAL	B	INTACT	WHITE	1919	thompson	FIRST	exterior		Negative	0.01	0.04	0.01	0.04	-0.18	1.96
25	4/8/2014 14:19	PAINT	1.04	mg / cm ^2	TRIM	METAL	B	PEELING	WHITE	1919	thompson	FIRST	exterior		Negative	0.05	0.07	0.05	0.07	-0.38	2.78
26	4/8/2014 14:21	PAINT	1.03	mg / cm ^2	WINDOW	WOOD	B	PEELING	TAN	1919	thompson	FIRST	exterior		Negative	0	0.02	0	0.02	-0.79	1.65
27	4/8/2014 14:23	PAINT	1.04	mg / cm ^2	fence	METAL	B	PEELING	black	1919	thompson	FIRST	exterior		Negative	0	0.02	0	0.02	-0.27	2.86
28	4/8/2014 14:24	PAINT	1.04	mg / cm ^2	DOOR	METAL	C	FAIR	TAN	1919	thompson	FIRST	exterior		Negative	0.01	0.04	0.01	0.04	-0.06	2.37
29	4/8/2014 14:26	PAINT	1.04	mg / cm ^2	WINDOW	glass	C	PEELING	WHITE	1919	thompson	FIRST	exterior		Negative	0	0.02	0	0.02	-1.34	2.26
30	4/8/2014 19:38	PAINT	2.72	mg / cm ^2	calibrate						thompson				Null	1	0.2	1	0.2	0.4	1.2
31	4/8/2014 19:39	PAINT	7.39	mg / cm ^2	calibrate						thompson				Positive	1.1	0.1	1.1	0.1	0.23	0.45
32	4/8/2014 19:40	PAINT	5.38	mg / cm ^2	calibrate						thompson				Negative	0.9	0.1	0.9	0.1	0.4	0.6
33	4/8/2014 19:42	PAINT	5.6	mg / cm ^2	calibrate						thompson				Negative	0.9	0.1	0.9	0.1	0.9	0.6

APPENDIX D

XRF Performance Characteristic Sheet

Performance Characteristic Sheet

EFFECTIVE DATE: **September 24, 2004** **EDITION NO.: 1**

MANUFACTURER AND MODEL:

Make: *Niton LLC*
Tested Model: *XLp 300*
Source: ^{109}Cd
Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.
XLp 300A, XLp 301A, XLp 302A and XLp 303A.
XLi 700A, XLi 701A, XLi 702A and XLi 703A.
XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is <u>not</u> needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
	All Data			Median for laboratory-measured lead levels (mg/cm^2)		
Substrate	25^{th} Percentile	Median	75^{th} Percentile	Pb < 0.25	0.25 ≤ Pb<1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

APPENDIX E

Firm and Individual LBP Certificates

Department of Environmental Quality

This is to Certify That

ENERCON SERVICES INC

has met the specifications of the Oklahoma Lead-Based Paint Management Act
and is certified as a Lead-Based Paint

FIRM

Certification #: OKFIRM11152

This certificate is valid from the date of issuance and expires as prescribed by law.

Issued on: **4/1/2013** Expires on: **3/31/2014**

Division Director
Air Quality Division

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Randall Z. Ward

Environmental Programs Manager
Air Quality Division

Department of Environmental Quality

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Issued on: **4/1/2014** Expires on: **3/31/2015**

Division Director
Air Quality Division

Environmental Programs Manager
Air Quality Division

Department of Environmental Quality

This is to Certify That

SUSAN THOMPSON

has met the specifications of the Oklahoma Lead-Based Paint Management Act
and is certified as a Lead-Based Paint

INSPECTOR

Certification #: OKINSR13726

This certificate is valid from the date of issuance and expires as prescribed by law.

Issued on: **6/27/2013** Expires on: **3/31/2014**

Division Director
Air Quality Division

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Environmental Programs Manager
Air Quality Division

Department of Environmental Quality

This is to Certify That

SUSAN THOMPSON

has met the specifications of the Oklahoma Lead-Based Paint Management Act
and is certified as a Lead-Based Paint

INSPECTOR

Certification #: OKINSR13726

This certificate is valid from the date of issuance and expires as prescribed by law.

Issued on: **4/1/2014** Expires on: **3/31/2015**

Division Director
Air Quality Division

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Environmental Programs Manager
Air Quality Division

ASBESTOS SURVEY REPORT

FORMER DURANT MIDDLE SCHOOL
410 NORTH 6TH AVENUE
DURANT, OKLAHOMA 74701

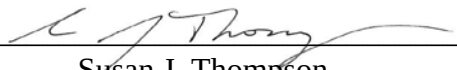
Prepared for:
Oklahoma Department of Environmental Quality
707 N Robinson Avenue
Oklahoma City
(405) 745-7120

Enercon Project Number – ASBTS1297

July 10, 2014

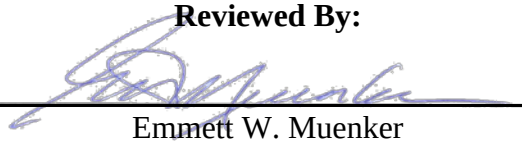
Prepared By:
Enercon Services, Inc.
6525 North Meridian, Suite 400
Oklahoma City, Oklahoma 73116

Inspected by:



Susan J. Thompson
AHERA Asbestos Inspector – OK-400559

Reviewed By:



Emmett W. Muenker
AHERA Asbestos Inspector/Management Planner OK-MP130435

Table of Contents

ASBESTOS SURVEY REPORT
FORMER DURANT MIDDLE SCHOOL
410 NORTH 6TH AVENUE
DURANT, OKLAHOMA 74701

Executive Summary

An asbestos survey for the former Durant Middle School, 410 North 6th Avenue, Durant, Oklahoma, was performed on January 23 and 28, 2014 with follow-up site visits on March 13 and April 8. The purpose of the asbestos survey was to locate, identify, and quantify Asbestos-Containing Building Materials (ACBMs) present in the building. It was understood that the school was to be renovated.

The former Durant Middle School consisted of four buildings connected by breezeways. The original building, constructed in 1919, was an unoccupied three-story building that contained classrooms and a small gymnasium. The building constructed in 1964 was an unoccupied two-story building containing classrooms, offices and a basement mechanical room. The 1981 building was an unoccupied two-story building that contained classrooms, a cafeteria and kitchen. The 1986 building was a gymnasium that was being used for baseball practice during the winter months. During the survey, eighty-one (81) bulk samples were collected from seventy-three (73) homogeneous areas. A summary of the Asbestos Containing Building Materials (ACBMs) is provided below.

Summary of Asbestos Containing Building Materials

MATERIAL CATEGORY	MATERIAL DESCRIPTION	TOTAL APPROXIMATE AMOUNT
FRIABLE	Fitting Insulation	210 EA
	Pipe Hanger Inserts	9 EA
	Vibration Isolation Gasket	20 LF
	Asbestos Foam Tape on Fittings	3 LF
	Asbestos-contaminated Soil in Pipe Tunnel	100 CF
CATEGORY I NON-FRIABLE	Floor Tiles/Adhesive	7,200 SF
	Floor Tile Adhesive Only	15,340 SF
	Floor Tiles/Adhesive Beneath Carpet	500 SF
CATEGORY II NON-FRIABLE	3ft-diameter Transite® Sleeve	52 SF
	Transite® Window/Door Panels	2,000 SF

SF=Square Feet; LF=Linear Feet; CF=Cubic Feet; EA=Each

Recommended actions in preparation for interior renovation activities:

- File NESHAP notification with Oklahoma Department of Environmental Quality depending upon quantity of friable asbestos being removed during renovation.
- Obtain renovation permit from the City of Durant.
- Remove friable asbestos from piping/fittings that will be disturbed during renovation activities. (Should abatement of piping in risers and restroom walls/chases be planned, up to 1,200 SF of selective demolition may be necessary for access for abatement.)
- Remove contaminated soil from tunnel if abatement of fittings in the tunnel is conducted.
- Remove floor tiles and adhesive that would be disturbed during renovation activities.

ASBESTOS SURVEY REPORT

CITY OF DURANT
FORMER DURANT MIDDLE SCHOOL
410 NORTH 6TH AVENUE
DURANT, OKLAHOMA 74701

1.0 INTRODUCTION

An asbestos survey was performed on January 23 and 28, 2014, with follow-up site visits on March 13 and April 8 for the former Durant Middle School, 410 N 6th Avenue, Durant, Oklahoma. The purpose of the survey was to locate, identify, and quantify asbestos-containing building materials (ACBMs) present in the building to supplement the existing Asbestos Management Plan for the Middle School.

The former Durant Middle School consists of four buildings. Limited floor plans of the original buildings were available for review. AHERA inspection and re-inspection documentation was available for review, but no documents providing the location of the abated materials were available. The original building was constructed in 1919, with breezeway-connected buildings added in 1964, 1981 and 1986. The 1919 building was an unoccupied three-story building with a poured concrete foundation, brick exterior and a multi-ply, built-up roof which contained classrooms and a small gymnasium. The building constructed in 1964 was an unoccupied two-story brick classroom building with a brick exterior, a poured concrete foundation and a multi-ply built-up roof. The 1981 building was an unoccupied two-story brick building with a poured concrete foundation and a multi-ply built-up roof that contained classrooms, a cafeteria and kitchen. The 1986 building was a single story brick building with a poured concrete foundation and a metal, gabled roof and contained a gymnasium with locker rooms, showers, restroom and a couple of classrooms. It was currently being used for baseball practice during the winter months. The inspection was performed by Sue Thompson, (OK400559) and Beth Hendriks (OK230065), both Oklahoma AHERA-licensed Asbestos Inspectors. A follow-up site visit was conducted by Richard Belcher (OK159310) and Emmett Muenker (OKMP130435). Appendix A contains copies of the licenses of the primary inspectors.

2.0 SURVEY PROCEDURES

The survey consisted of a review of available plans and asbestos-related documents followed by a visual examination of building components and insulating materials to identify those suspected to contain asbestos. Suspect materials identified were categorized into homogeneous sampling areas to facilitate collection and analysis of samples to determine whether or not the material contained asbestos. Asbestos-containing materials are divided into three basic groups: Thermal System Insulation (TSI), Surfacing Materials (SM) and Miscellaneous Materials (MM). TSI consists of insulating materials, mastics or sealants used to reduce heat loss or gain on mechanical systems such as piping, ducts, air handlers, boilers, flues, heat exchangers, etc. SM includes materials applied to surfaces other than mechanical systems for purposes such as fireproofing, acoustical insulation and aesthetic finishes. MM are all other materials not included in the other two categories, and include materials such as floor tiles, adhesives, gaskets, caulking compounds and asbestos-cement piping/panels (Transite®).

Non-friable ACBM is categorized as either Category I or Category II non-friable material. Category I non-friable ACBM includes packings, gaskets, resilient floor covering, and asphalt roofing products.

Category II non-friable ACBM includes any other non-friable material. For purposes of demolition, Category I non-friable ACBM need not be removed before demolition if it is not in poor condition and is not friable. Category II non-friable ACBM that has a low probability of becoming crumbled, pulverized, or reduced to powder during demolition may also remain in place. All other Category II non-friable ACBM must be removed prior to demolition. For renovation both friable and non-friable ACBM must be removed if they will be disturbed during renovation activities.

The protocols outlined in the Asbestos Hazard Emergency Response Act (AHERA) were used for this survey, except that a minimum of two samples were collected from each homogeneous area unless the material was presumed to contain asbestos. Materials that are presumed to contain asbestos are designated as Presumed Asbestos-Containing Materials (PACM). When renovation is likely, rather than demolition, at least one sample of PACM is collected to confirm the presumption and to determine the type and percentage of asbestos present in the material. The AHERA protocol is mandated for use in public schools and commercial buildings and was used for this survey. Under the AHERA protocol, "positive stop" analysis may be performed to reduce the analytical costs. This is done on a selective basis when it will not affect the outcome of the survey. Materials that were suspected to contain asbestos and determined to contain more than one percent asbestos by laboratory analysis are defined as ACM. Samples were analyzed by QuanTEM Laboratories, an analytical laboratory accredited under the National Voluntary Laboratory Accreditation Program (NVLAP). The analytical method used was Polarized Light Microscopy (PLM) with dispersion staining, as prescribed by the AHERA regulation. It is a method for positive identification of asbestos fibers.

Under circumstances where PLM analytical results indicate a relatively low percentage of asbestos fibers, a 400 Point Count may be performed in order to more definitively determine the asbestos fiber content. The 400 Point Count is a more accurate and precise analytical method; therefore any results obtained from this additional analysis supersede the PLM results. This is typically done only on surfacing materials and some selected miscellaneous materials.

The numbering system used for sample identification essentially consisted of three separate components, a building/site identifier, a homogeneous area identifier and a sample number.

3.0 SURVEY RESULTS

A walkthrough of the complex revealed that floor coverings were a mix of carpeting, ceramic tiles, and floor tiles (12" x 12" and 9" x 9") of varying colors. Interior walls were a mixture of original plaster walls, concrete masonry walls and textured/painted drywall. Ceilings were a mixture of 2' x 4' ceiling tiles, plaster and exposed concrete. Suspect floor coverings consisted of floor tiles/adhesive. The accessible piping throughout the 1919 building had apparently been abated, but there was no evidence that the piping in chases and walls had been abated, as the interior of the walls and chases were inaccessible without selective demolition. Therefore, piping that was not accessible for inspection without demolition was presumed to be insulated with asbestos and an estimate of the quantities is included on the layouts and tables of quantities. The former mechanical room had been abated and the equipment removed.

The 1964 building had a basement mechanical equipment room with a utility tunnel beneath a portion of the building. Steam and domestic water piping was located in the utility tunnel, with a single entrance located in the basement mechanical equipment room. Abatement of basement mechanical room piping and equipment had been performed, with the exception of a small amount of asbestos paper tape and a

vibration isolation gasket. The piping in the tunnel had fiberglass insulation on the lines with asbestos-cement on the fittings. The utility tunnel was visibly contaminated due to deteriorated insulation on some of the fittings. The quantity of fittings in the tunnel was estimated. Piping from the tunnel penetrated to the first floor to serve radiators, restroom fixtures, janitor sinks and water fountains. Piping risers on the first floor served radiators on the second floor. Some of these risers were enclosed in walls or chases and the piping inside was presumed to have fiberglass line insulation and asbestos-cement fittings insulated in the same manner as the accessible piping in this building. Piping at the radiators on the second floor was not insulated. Piping serving restrooms and other fixtures where the piping was inside walls/chases was also not accessible for inspection and was presumed to be insulated consistent with that which was accessible. The quantity of insulated fittings in these inaccessible locations was estimated. It is possible that the domestic water piping inside interior walls/chases is not insulated; however, for scoping purposes it is more reasonable to presume that the insulation is consistent with that which is visible. This will need to be verified during renovation that might disturb the fitting insulation.

The 1981 and 1986 buildings had no suspect thermal systems insulation. Floor tiles and adhesive were the only asbestos-containing materials determined to be present in these buildings. Some of the floor tiles/adhesive were beneath carpeting and some of the asbestos adhesive was beneath non-asbestos floor tiles.

During the survey, eighty-one (81) bulk samples were collected from seventy-three (73) homogeneous areas. One hundred twenty-nine 129) analyses were performed due to layering of some samples. In keeping with the AHERA protocols, when one sample in a homogeneous area was determined to contain more than one percent asbestos, the remaining samples in that homogeneous area were not analyzed. Heating and domestic water lines and fittings were included together in the homogeneous area designations (1919-06 and 1964-07). Appendix B contains Site Layouts with Sample and Asbestos Locations. Appendix C contains the Laboratory Reports of Analyses/Chains of Custody.

A summary of Asbestos Containing Building Materials, including categorization and quantities, is presented in Table 1. Table 2 provides a summary of the Bulk Material Samples & Laboratory Analytical Results.

Table 1
Summary of Asbestos Containing Building Materials

MATERIAL CATEGORY	MATERIAL DESCRIPTION	TOTAL APPROXIMATE AMOUNT
FRIABLE	Fitting Insulation	210 EA
	Pipe Hanger Inserts	9 EA
	Vibration Isolation Gasket	20 LF
	Asbestos Foam Tape on Fittings	3 LF
	Asbestos-contaminated Soil in Pipe Tunnel	100 CF
CATEGORY I NON-FRIABLE	Floor Tiles/Adhesive	7,20 SF
	Floor Tile Adhesive Only	15,340 SF
	Floor Tiles/Adhesive Beneath Carpet	500 SF
CATEGORY II NON-FRIABLE	3ft-diameter Transite® Sleeve	52 SF
	Transite® Window/Door Panels	2,000 SF

SF=Square Feet; LF=Linear Feet; CF=Cubic Feet; EA=Each

Table 2
Bulk Material Samples & Laboratory Analytical Results

BUILDING (R0OM) HOMOGENEOUS AREA/SAMPLE ID	DESCRIPTION & LOCATION	APPROXIMATE AMOUNT	ASBESTOS PERCENT/TYPE
1919(00)1A, 1B, 1C	Window Caulk	NQ	None Present
1919(00)2A,2B	Window Caulk	NQ	None Present
1919(00)1A, 1B	Window Caulk	NQ	None Present
1919(01)4A, 4C	2' x 4' Ceiling Tile – Pinhole Pattern	NQ	None Present
1919(01)5A, 5C	2' x 4' Ceiling Tile – Corrugated Pattern	NQ	None Present
1919(01)6A, 6B	**Pipe Fittings**	**30 EA***	**20% Chrysotile**
1919(45)9A, 9B	**Tan Floor Tiles/Mastic**	**	**2-4% Chrysotile**
1919(36)10A	Tan Cove Base	NQ	None Present
1919(40/44)11A,11B, **11C**	**Blue/Green Floor Tiles/Mastic**	**	**5% Chrysotile (Mastic only)**
1919(37)12A	White Ceiling Texture	NQ	None Present
1919(06)12A,12B, 12C	1'x1' Sound Squares	NQ	None Present
1919(43/37)13A, 13B	**Pink Floor Tiles/Mastic**	**	**3-5% Chrysotile**
1919(47)13A,13B	Green/Yellow Floor Tiles/ Mastic	NQ	None Present
1919(02/10)14A, 14B	**Green/Black Floor Tiles/ Mastic**	**	**3-8% Chrysotile**
1919(03)15A, 15B	**Blue/Tan Floor Tiles/ Mastic**	**	**2-8% Chrysotile**
1919(OS)01-01	**Transite® Window Panels**	**2,000 SF**	**15% Chrysotile**
1919-16-A, 16B, 16C, 16D, 16E, 16F, 16G	Wall/Ceiling Plaster	NQ	None Present
1919-17-A, 17B, 17C	Tectum Panels	NQ	None Present
1919-18-A, 18-B	**Gray w/Pink Floor Tiles/Mastic**	**	**2-3% Chrysotile**
1919-19-A, 19-B, 19-C, 19-D, 19-E, 19-F, 19-G	Wall/Ceiling Texture/Joint Compound	NQ	None Present
1919-20-A	Drywall	NQ	None Present
1919-21-A, **21-B**	**Light Tan Floor Tiles/Mastic**	**	**3-4% Chrysotile**
1919-22-A, **22-B**	**Tan Floor Tiles/Mastic**	**	**3% Chrysotile**
1919-23-A, 23-B	Stair Treads	NQ	None Present
1919-24-A, 24-B	Cream w/Gray Streaks Floor Tiles/Mastic	NQ	None Present
1919-25-A, 25-B	Blue Floor Tiles/Mastic	NQ	None Present
1919-26-A	**White w/Gray Specks Floor Tiles/Mastic**	**	**2% Chrysotile**
1919-27-A	**Gray w/Light Gray Floor Tiles/Mastic**	**	**3% Chrysotile**
1919-28-A, 28-B	2' x 2' Ceiling Tiles	NQ	None Present
1964(29)1A, 1B, 1C	Yellow Insulation/Mastic	NQ	None Present
1964(00)2A, 2B	Window Caulk	NQ	None Present
1964(29)2A	**Vibration Isolation Gasket**	**20 LF**	**60% Chrysotile**
1964(29)3A, 3B, 3C	**Black Foam Tape/Mastic on Piping**	**3 LF**	**20% Chrysotile**
1964(09)4B, 4-C	2' x 4' Ceiling Tile – Pinhole Pattern	NQ	None Present
1964(17)5B, 5-C	2' x 4' Ceiling Tile – Corrugated Pattern	NQ	None Present
1964(17/09)7A, 7B	**Pipe Fittings**	**180 EA***	**15-20% Chrysotile**
1964(17)8A, 8B	Pink Insulation	NQ	None Present
1964(29)08A	**3' diameter Transite® Flue**	**52 SF**	**8% Chrysotile/8% Crocidolite**
1964(04)11A, 11B, 11C	Tan Plaster	NQ	None Present
1964-12-A, 12-B	**Gray w/Gray Specks Floor Tiles/Mastic**	**	**5-7% Chrysotile**
1964-13-A	White w/Light Gray Floor Tiles/Mastic	-	Not Analyzed
1964-14-A	**Blue Floor Tiles/Mastic**	**	**7% Chrysotile**
1964-15-A, 15-B, 15-C, 15-D	Wall Texture/Joint Compound	NQ	None Present
1964-16-A	Beige Floor Tiles/Mastic	NQ	None Present
1964-17-A	**Light Green Floor Tiles/Mastic**	**	**4% Chrysotile**

BUILDING (R0OM) HOMOGENEOUS AREA/SAMPLE ID	DESCRIPTION & LOCATION	APPROXIMATE AMOUNT	ASBESTOS PERCENT/TYPE
1964-18-A	**Dark Gray Floor Tiles/Mastic**	****	**7% Chrysotile**
1964-19-A	**Tan Floor Tiles/Mastic**	****	**7-8% Chrysotile**
1964-20-A	**Light Grey Floor Tiles/Mastic**	****	**7-8% Chrysotile**
1964-21-A	**Black Floor Tiles/Mastic**	****	**5% Chrysotile**
1964-22-A	Cove Base/Mastic	NQ	None Present
1964-23-A	Green Gray Floor Tiles/Mastic	NQ	Not Analyzed
1964-24-A, 24-B	Tan w/Brown Pattern Floor Tiles/Mastic	NQ	None Present
1964-25-A, 25-B	Green Floor Tiles/Mastic	NQ	None Present
1964-26-A	Stair Tread	NQ	None Present
1964-PACM	**Roof Drain Pipe Hangers**	**9 EA**	**20% Chrysotile**
1981(18)01A, 01B, 01C	Drywall	NQ	None Present
1981(18)02A, 02B, 02C	Drywall Joint Compound	NQ	None Present
1981(18)03A, 03B, 03C	Yellow Insulation/Black Mastic	NQ	None Present
1981(18)04A, 04B, **04-C**	**Tan Floor Tiles/Black/Yellow Mastic**	**	**2-3% Chrysotile**
1981(19)05A, 05B	Tan Floor Tile/Black Mastic	NQ	None Present
1981(23/25)06A, 06B	Red Carpet/Mastic	NQ	None Present
1981(14)07A, 07B, 07C	White Vinyl Ceiling Tile	NQ	None Present
1981-08-A	Cove Base	NQ	None Present
1981-09-A	Drywall	NQ	None Present
1981-10-A, 10-B	Wall Texture	NQ	None Present
1981-11-A, 11-B	Ceiling Tile	NQ	None Present
1986(23)09A,09B	**Tan Floor Tiles/Mastic**	****	**4-6% Chrysotile**
1986(11)10A,10B,10C	**Green/Black Floor Tiles/ Mastic**	****	**3-5% Chrysotile**
1986-11-A, 11-B	2' x 4' Ceiling Tile	NQ	None Present
1986-12-A, 12-B	2' x 4' Ceiling Tile	NQ	None Present
1986-13-A, 13-B	Wall Texture/Joint Compound	NQ	None Present
1986-14-A	Drywall	NQ	None Present
1986-15-A, 15-B	**Tan Floor Tiles/Mastic**	****	**2-4% Chrysotile**
1986-16-A, 16-B	Blue Floor Tiles/Mastic	NQ	None Present

SF=Square Feet; LF=Linear Feet; NQ=Not Quantified; PACM=Presumed Asbestos-Containing Material

*Quantities of insulated fittings are combined to total 210 including insulated piping presumed to exist in risers and restroom walls/chases. A total of approximately 100 CF of contaminated soil cleanup present beneath damaged fitting insulation in the tunnel.

**A total of 23,040 square feet of floor tiles and/or mastic in all four buildings

Up to 1,200 SF of selective demolition may be required to access insulated piping presumed to be present in risers, pipe chases and restroom walls that were not accessible for inspection.

4.0 CONCLUSIONS & RECOMMENDATIONS

The majority of the piping with ACM-insulated fittings is located in a pipe tunnel that has some damaged insulation with contaminated soil beneath the piping runs. Access to this area is limited. Piping from the tunnel penetrates the first floor to serve radiators on the second floor with this piping enclosed in risers and is presumed to be insulated in the same manner as that in the tunnel. Domestic water piping serving restrooms and other fixtures on the first and second floors is located inside walls or chases and is also presumed to be insulated in the same manner as that in the tunnel. Selective demolition will be necessary for access to this inaccessible piping to confirm that it contains asbestos with additional demolition for abatement if the presence of asbestos is confirmed and abatement is planned. Estimated quantities have been incorporated into the survey to enable planning for abatement of all asbestos in the building should that be desired.

Should complete abatement not be the selected option, the fitting insulation and contamination in the tunnel may be 1) abated, 2)abandoned in place and the tunnel entrance sealed or 3) repaired and managed in place. If all asbestos is not removed, preparation and implementation of an Asbestos Management Plan is recommended for management of the asbestos in place.

Recommended actions in preparation for interior renovation activities:

- File NESHAP notification with Oklahoma Department of Environmental Quality depending upon quantity of friable asbestos being removed during renovation.
- Obtain renovation permit from the City of Durant.
- Remove friable asbestos from piping/fittings that will be disturbed during renovation activities. (Should abatement of piping in risers and restroom walls/chases be planned, up to 1,200 SF of selective demolition may be necessary for access for abatement.)
- Remove contaminated soil from tunnel if abatement of fittings in the tunnel is conducted.
- Remove floor tiles and adhesive that would be disturbed during renovation activities.

APPENDIX A

Oklahoma Inspector/Management Planner Licenses

FEE: $25.00

Oklahoma Department of Labor

Susan Thompson

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA INSPECTOR

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in him by law hereby issues to the
applicant license **No. OK400559.**

Mark Costello

MARK COSTELLO
Commissioner of Labor

July 03, 2013
Date of Issuance

EXPIRES: June 26, 2014

FEE: $500.00

Oklahoma Department of Labor

Beth Hendriks

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA MANAGEMENT PLANNER

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in him by law hereby issues to the
applicant license **No. OK-MP230065.**

Mark Costello

MARK COSTELLO
Commissioner of Labor

January 02, 2014

Date of Issuance

EXPIRES: December 20, 2014

FEE: $25.00

Oklahoma Department of Labor

Richard Belcher

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA INSPECTOR

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in him by law hereby issues to the
applicant license **No. OK159310.**

Mark Costello

MARK COSTELLO
Commissioner of Labor

September 03, 2013

Date of Issuance

EXPIRES: August 28, 2014

FEE: Exempt

Oklahoma Department of Labor

Emmett Muenker

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA MANAGEMENT PLANNER

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in him by law hereby issues to the
applicant license **No. OK-MP130435.**

Mark Costello

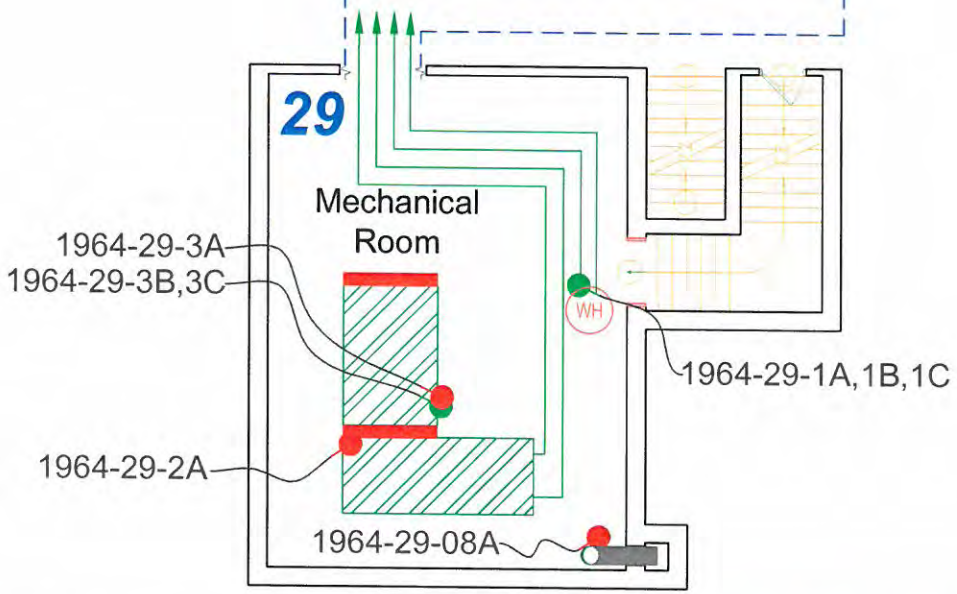
MARK COSTELLO
Commissioner of Labor

January 30, 2014
Date of Issuance

EXPIRES: January 29, 2015

APPENDIX B

Site Layouts with Sample and Asbestos Locations



N

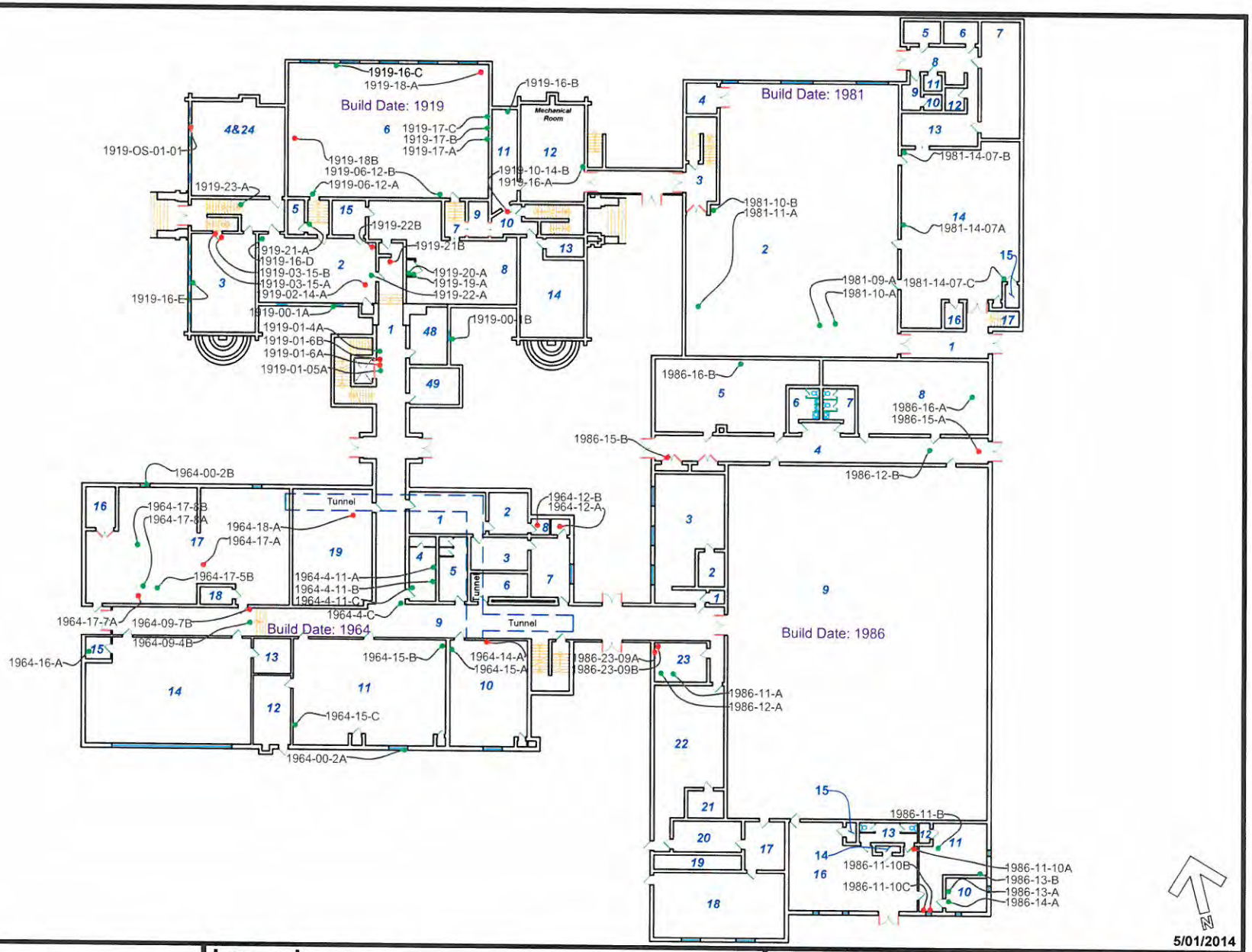
5/01/2014

Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
- =Positive Asbestos Sample Location
- =Negative Asbestos Sample Location
- =Tunnel

ENERCON

Basement Sample Locations
Durant Middle School (1964)



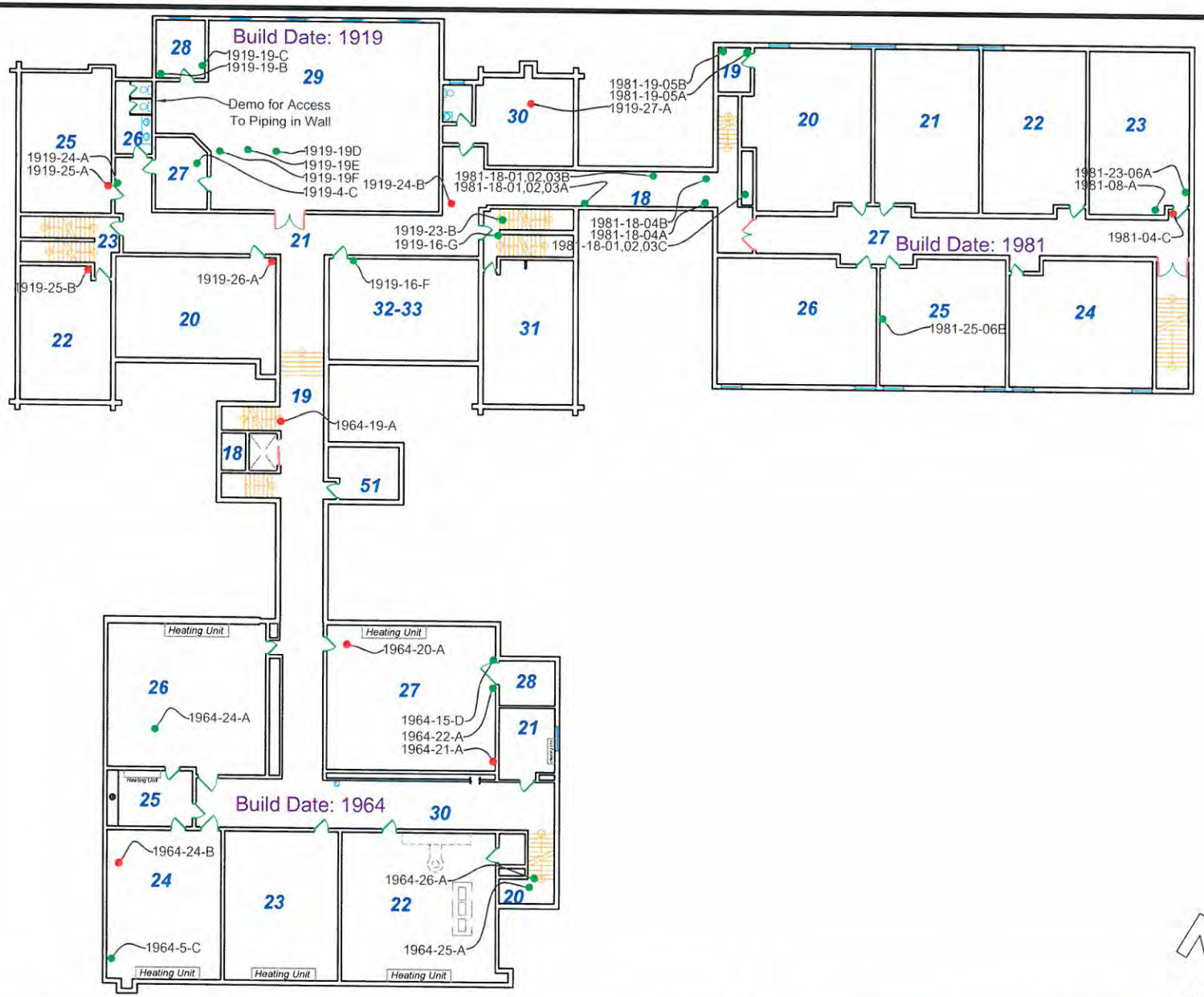
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

- =Positive Asbestos Sample Location
- =Negative Asbestos Sample Location

ENERCON

First Floor Sample Locations
Durant Middle School



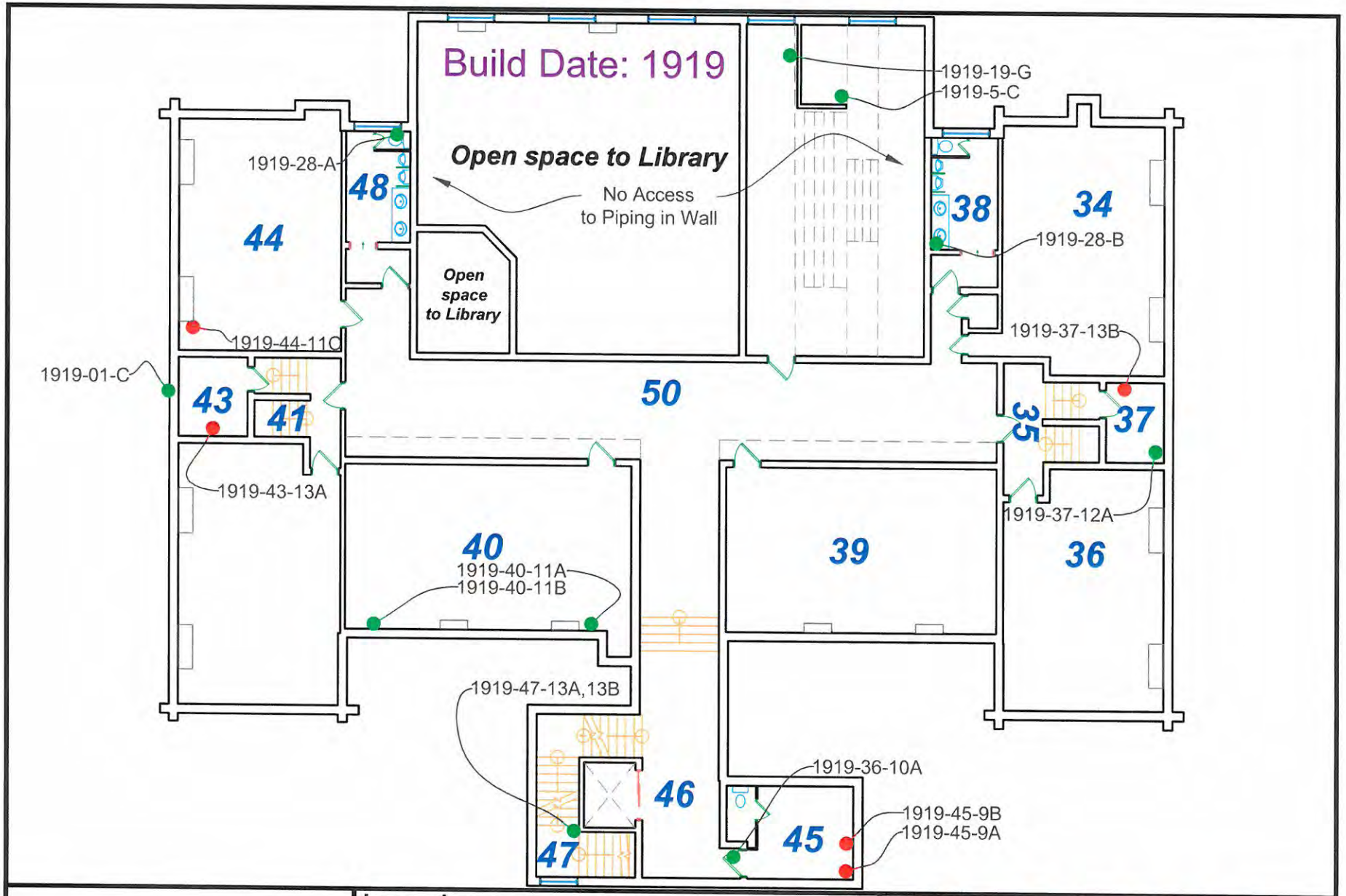
5/01/2014

Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
- = Positive for ACM sample location
- = Negative for ACM Location

ENERCON

Second Floor Sample Locations
Durant Middle School

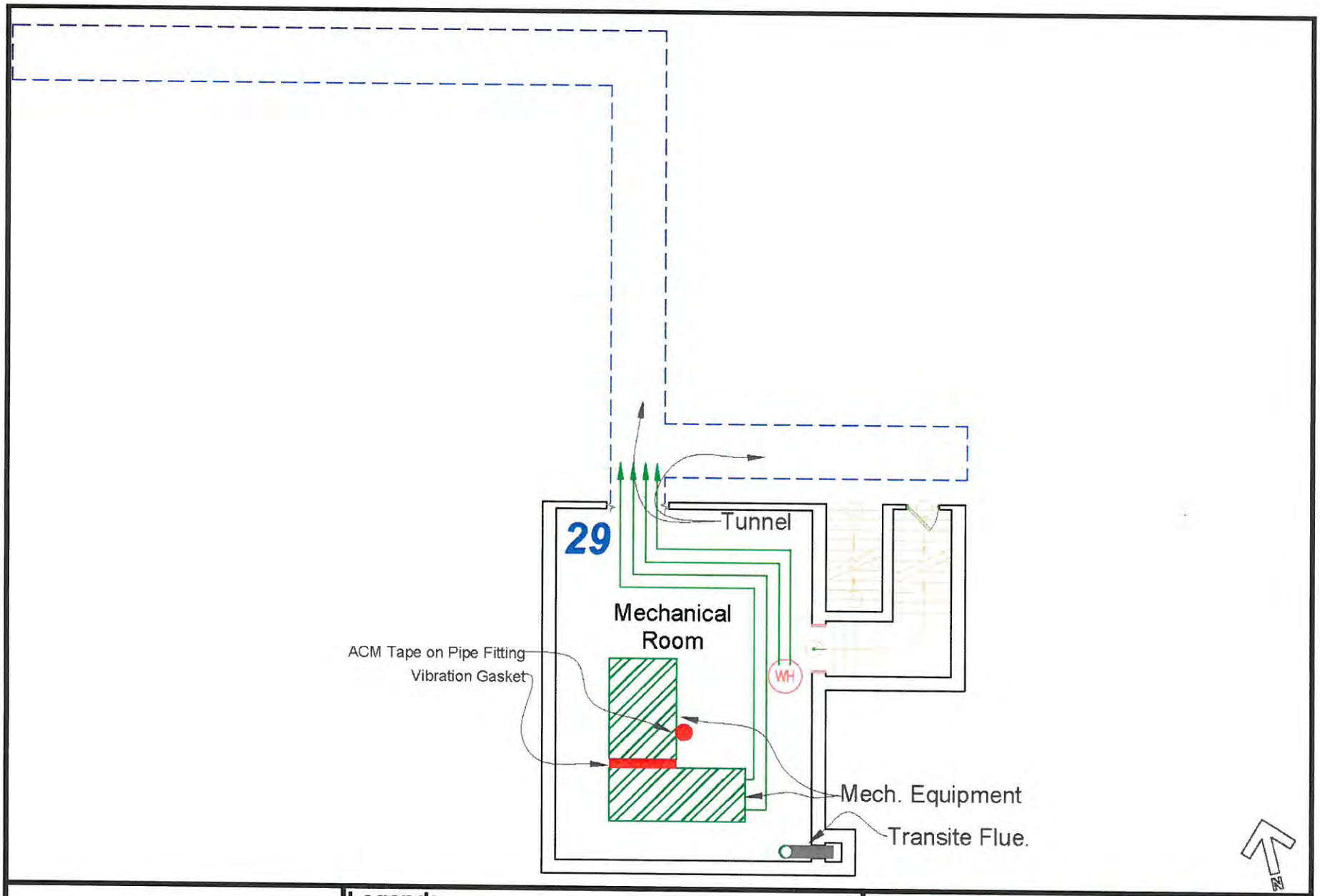


Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
- Positive Asbestos Sample Location
- Negative Asbestos Sample Location

ENERCON

Third Floor Sample Locations
Durant Middle School



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

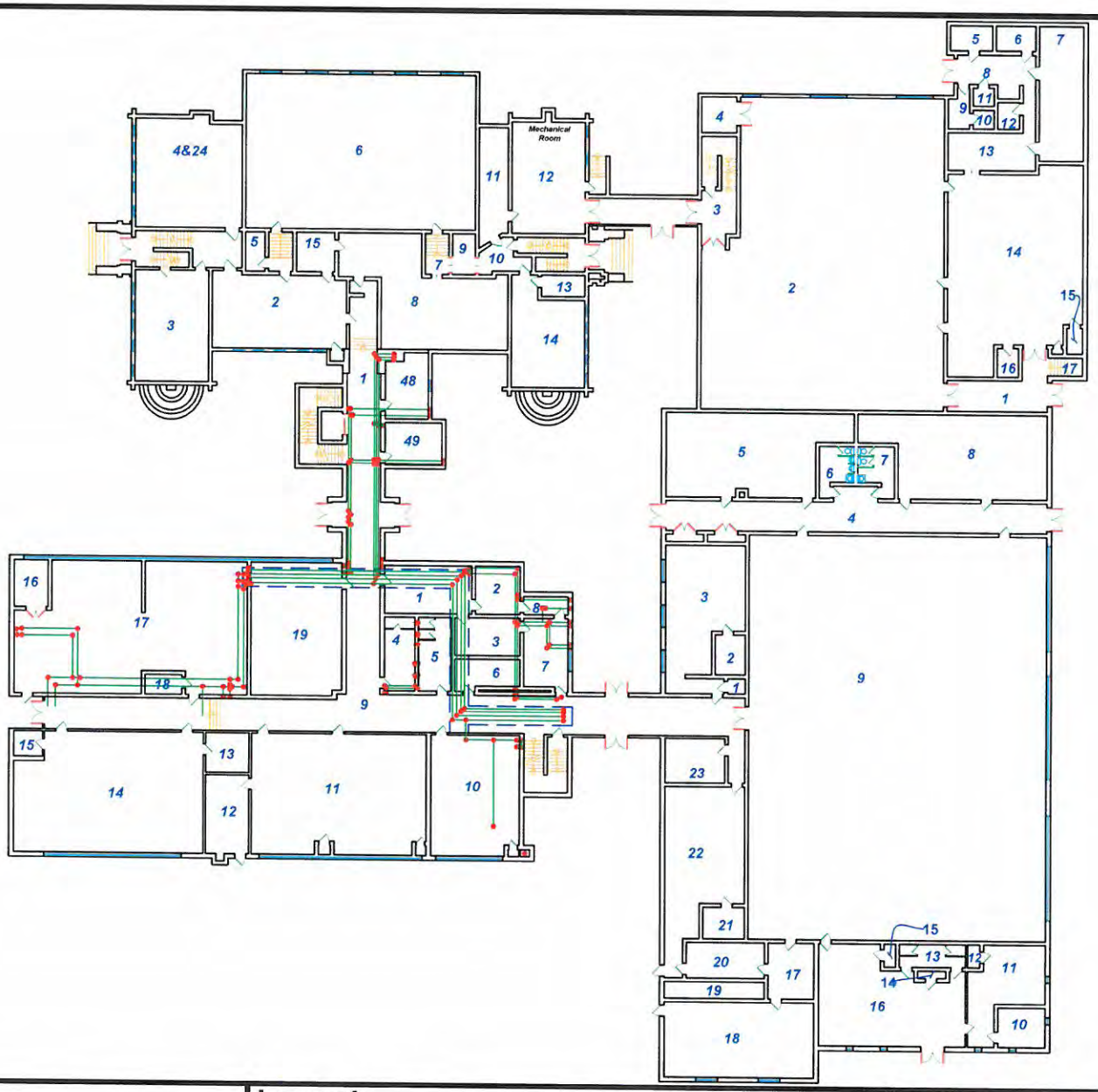
= Vibration Gasket @ 20 LF

= Insulated Tape on Pipe Fitting @ 3 LF

= Transite Sleeve @ 52 SF

ENERCON

Basement
Asbestos Locations



5/01/2014

Durant Middle School
410 North 6th Ave, Durant, Ok.

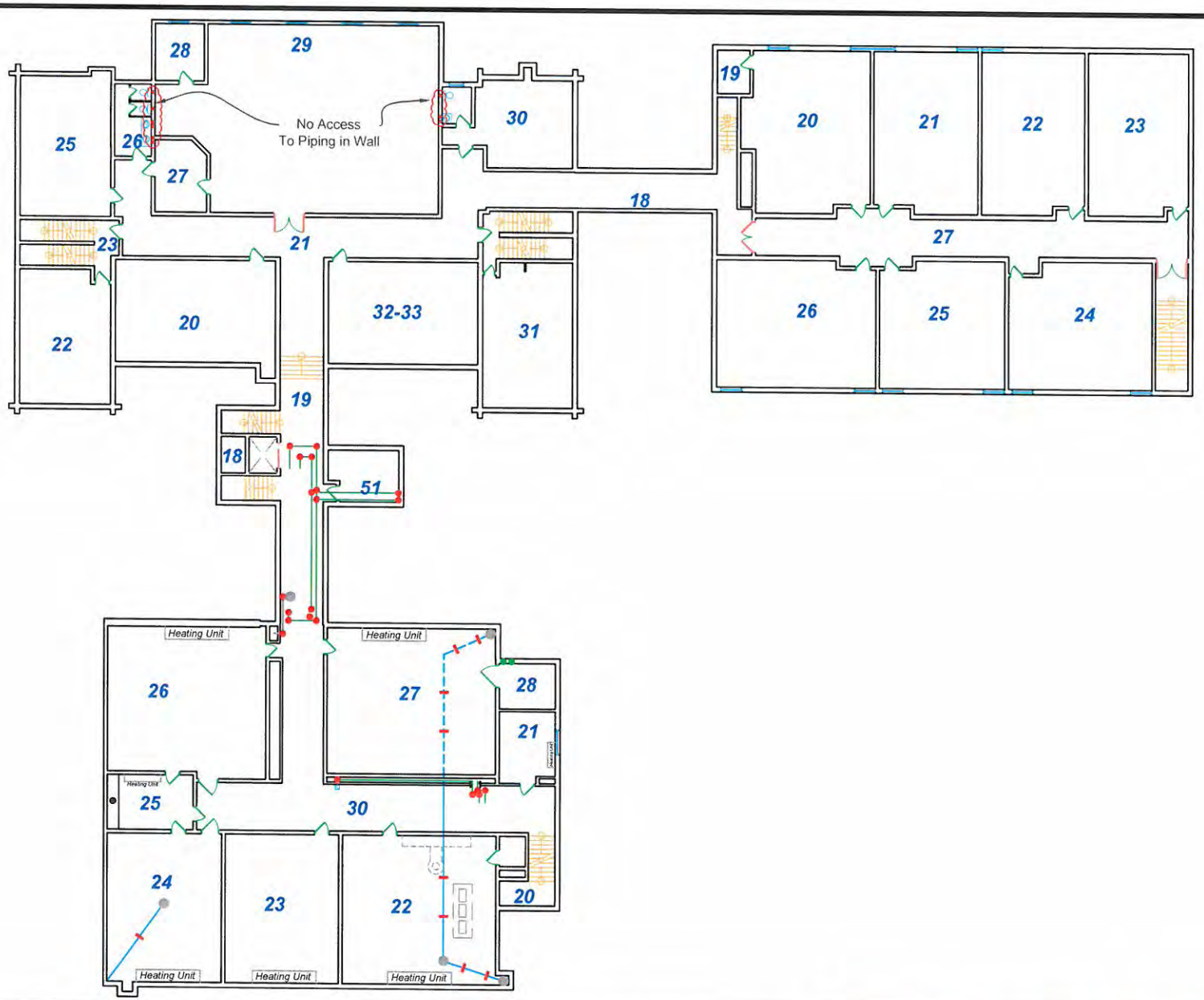
Legend:

=Asbestos Fitting on Fiberglass line @ 140 Each

=Tunnel

ENERCON

First Floor Asbestos Locations
Durant Middle School



5/01/2014

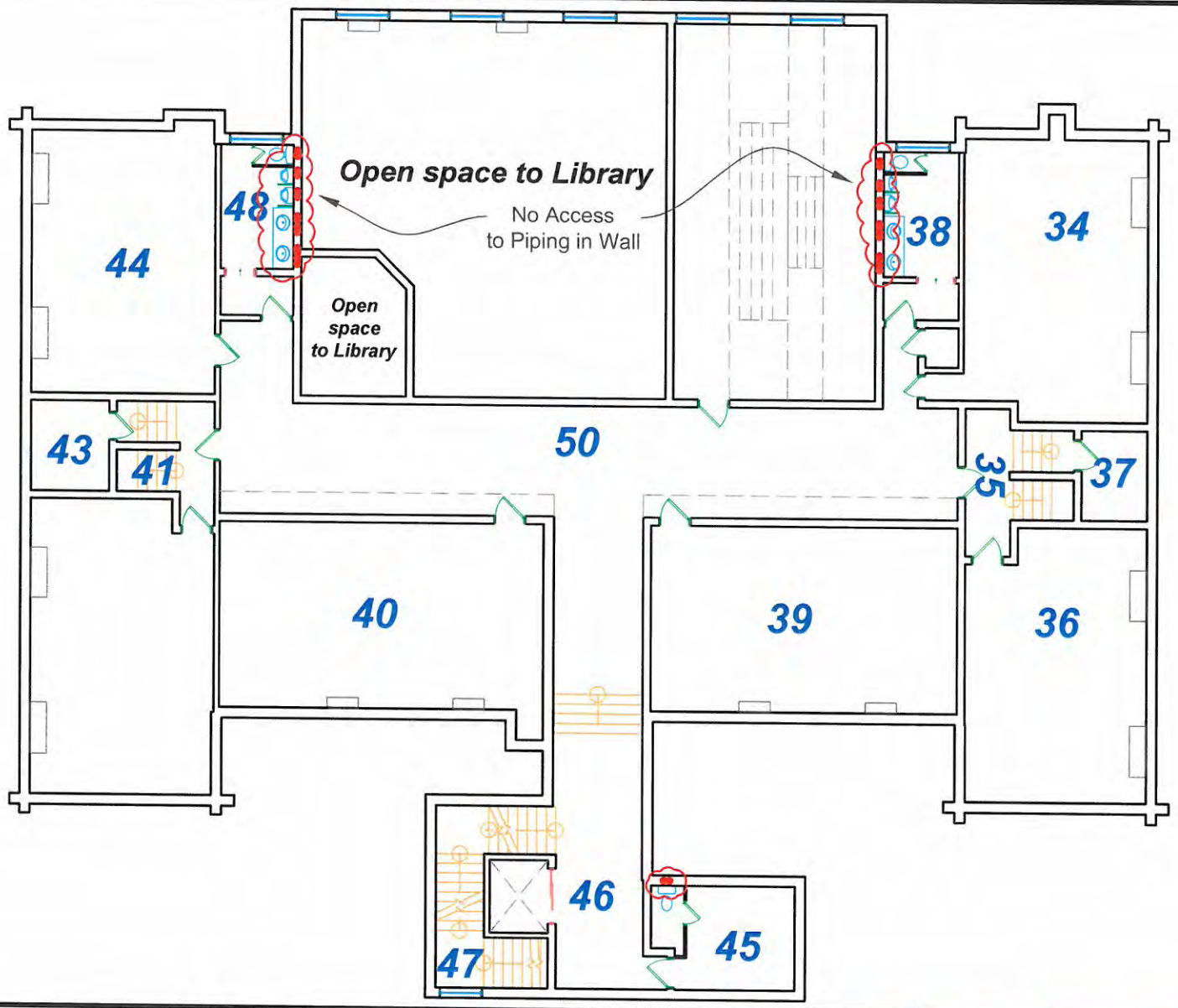
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

= Roof Drain Lines — = Roof Drain Line Path Assumed
= Roof Drain Pans
= Asbestos Containing Hangers @ 9 Each
= Asbestos Fittings Approximately 40 Each

ENERCON

Second Floor Asbestos Locations
Durant Middle School

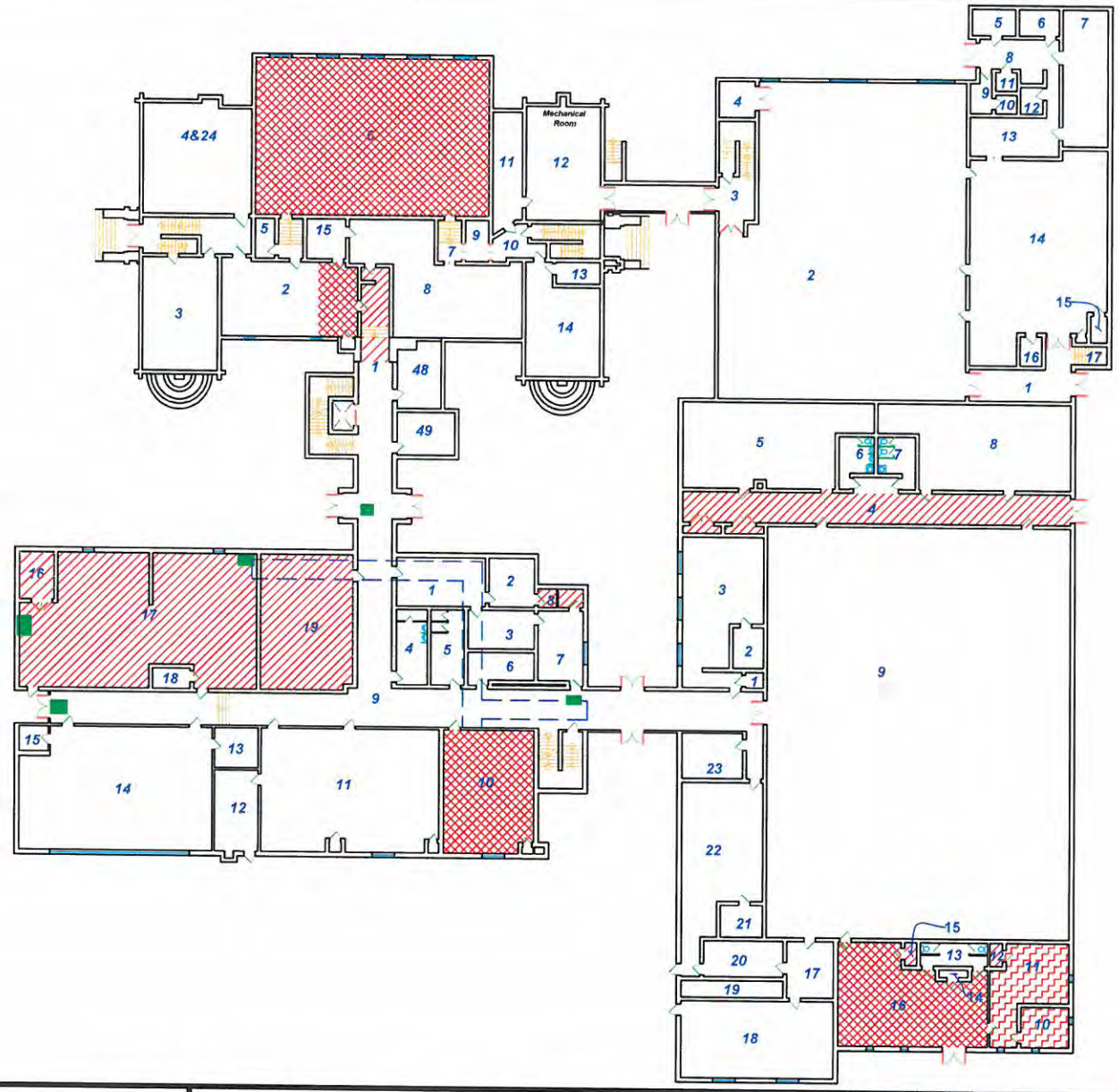


Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
●=Presumed Asbestos Fitting Locations @ 30 Each

ENERCON

Third Floor Pipe Fitting Locations
Durant Middle School



5/01/2014

Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

= Floor Tile and Mastic @ 3,640 SF

= ACM Mastic Only @ 4,100 SF

= Floor Tile and Mastic under Carpet @ 500 SF

ENERCON

First Floor Floor Tile Locations
Durant Middle School

5/01/2014

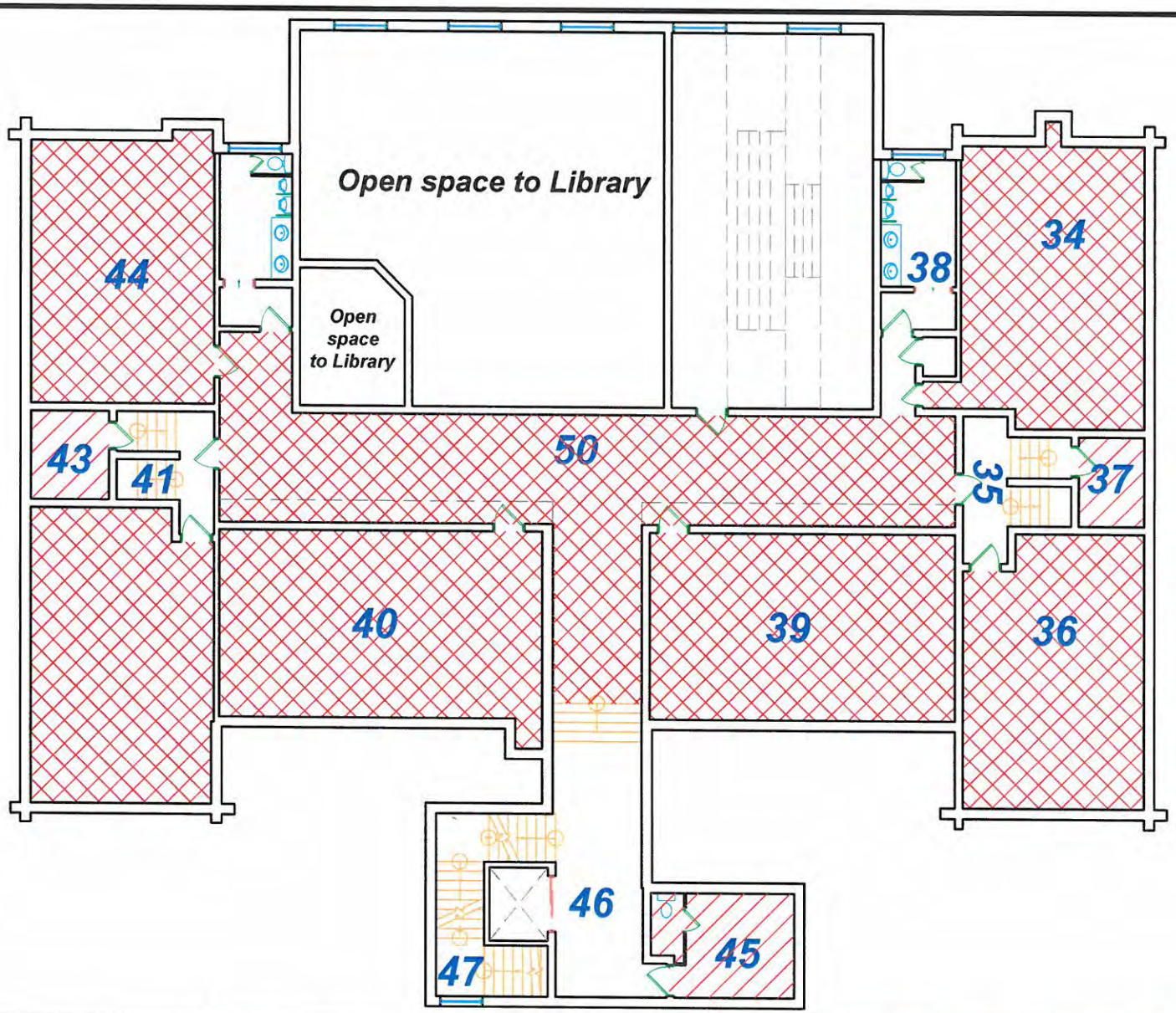
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

= ACM Floor Tile and ACM Mastic @ 3,250 SF
= ACM Mastic Only @ 7,340 SF
= ACM Mastic under negative Floor Tile @ 110 SF

ENERCON

Second Floor Floor Tile Locations
Durant Middle School



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
=Floor tile and mastic @ 250 SF
=Floor tile and mastic @ 3,900 SF

ENERCON

Third Floor Floor Tile Locations
Durant Middle School

APPENDIX C
Laboratory Report of Analyses/Chain of Custody

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
Account Number: A845
Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1919-00-1A	Layered	White Caulk	Asbestos Not Present	NA	CaCO3
001a		Layered	Gray Caulk	Asbestos Not Present	NA	CaCO3
002	1919-00-1B	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
003	1964-00-2A	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3
004	1964-00-2B	Layered	White Caulk	Asbestos Not Present	NA	CaCO3
004a		Layered	Silver Caulk	Asbestos Not Present	Wollastonite 6	Binder
005	1964-29-1A	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 70	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
Account Number: A845
Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
005a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber	99	Binder
006	1964-29-1B	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	70	Tar
006a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber	99	Binder
007	1964-29-1C	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	70	Tar
007a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber	99	Binder
008	1964-29-2A	Homogeneous	White Gasket	Asbestos Present Chrysotile 60	Cellulose	30	Binder
009	1964-29-3A	Layered	Black Mastic	Asbestos Present Chrysotile 20	NA		Tar CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
Account Number: A845
Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009a		Layered	Black Foam	Asbestos Not Present	NA	Foam
010	1964-29-3B	Homogeneous	Black Foam	Asbestos Not Present	NA	Foam
011	1964-29-3C	Homogeneous	Black Pipe Wrap	Asbestos Not Present	Cellulose 20	Tar
012	1919-01-4A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
013	1964-09-4B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
014	1919-01-5A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite
015	1964-17-5B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Paint Perlite

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
Account Number: A845
Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
016	1919-01-6A	Homogeneous	White Insulation	Asbestos Present Chrysotile 20	Glass Fiber	25	CaCO3 Binder
017	1919-01-6B	Homogeneous	White Insulation	Asbestos Present Chrysotile 20	Glass Fiber	20	CaCO3
018	1964-17-7A	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 20	Glass Fiber	20	CaCO3
019	1964-09-7B	Homogeneous	White Insulation	Asbestos Present Chrysotile 15	Glass Fiber	20	CaCO3
020	1964-17-8A	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar
020a		Layered	Pink Insulation	Asbestos Not Present	Glass Fiber	99	Binder
021	1964-17-8B	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
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Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
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Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021a		Layered	Pink Insulation	Asbestos Not Present	Glass Fiber 99	Binder
022	1919-45-9A	Layered	Tan Floor Tile	Asbestos Present Chrysotile 3	NA	Vinyl CaCO3
022a		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
023	1919-45-9B	Layered	Tan Floor Tile	Asbestos Present Chrysotile 3	NA	Vinyl CaCO3
023a		Layered	Black Mastic	Asbestos Present Chrysotile 2	NA	Tar
024	1919-36-10A	Layered	Tan Cove Base	Asbestos Not Present	NA	CaCO3 Binder
024a		Layered	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
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Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024b		Layered	Brown Cove Base Mastic	Asbestos Not Present	NA	Glue
025	1919-40-11A	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
025a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
026	1919-40-11B	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
026a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
027	1919-44-11C	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
027a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
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Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027b		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
028	1919-37-12A	Homogeneous	White Paint	Asbestos Not Present	NA	Paint
029	1919-43-13A	Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
029a		Layered	Pink Floor Tile	Asbestos Present Chrysotile 3	NA	Vinyl $CaCO_3$
029b		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
030	1919-37-13B	Layered	Pink Floor Tile	Asbestos Present Chrysotile 3	NA	Vinyl $CaCO_3$
030a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
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Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous

Gayle Ooten, Analyst

1/27/2014
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

ASBESTOS CHAIN OF CUSTODY

QUANTEM LABORATORIES
www.QuanTEM.com
2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	231174
Accept / Reject	Accept

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other _____

Contact Information		Project Information	
Company: Enercon Services	Phone:	Project Name: Durant Middle School	
Contact: Sue Thompson	Cell Phone: 405-401-6722	Project Location: Durant, OK	
Account #:	E-mail: sjthompson@enercon.com	Project ID:	
Sampled By: Name:	Date: 1/23/14	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	1/24/14 1245	HAND.		1/24/14 12:48

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☑ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1919-00-1A	☑		Window Caulk		
2	1919-00-1B	☑		Window Caulk		
3	1964-00-2A	☑		Window Caulk		
4	1964-00-2B	☑		Window Caulk		
5	1964-29-1A	☑		Insulation + Mastic		
6	1964-29-1B	☑		Insulation + Mastic		
7	1964-29-1C	☑		Insulation + Mastic		
8	1964-29-2A	☑		Vibration Gasket		
9	1964-29-3A	☑		Foam + Tape		
10	1964-29-3B	☑		Foam		

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

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(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 2311174
Accept Reject

Project Information

Company: ENERCON SERVICES | Project Name: DURANT MIDDLE SCHOOL | Project Location: DURANT, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1964 229-29-3C	☐	BLACK	TSI WRAP		
2	1919-01-4A	☐	WHITE	CEILING TILE - PIN SHOT		
3	1964-09-4B	☐	WHITE	CEILING TILE - PIN SHOT		
4	1919-01-5A	☐	WHITE	CEILING TILE - CORRUGATED		
5	1964-17-5B	☐	WHITE	CEILING TILE - CORRUGATED		
6	1919-01-6A	☐	WHITE	FITTING		
7	1919-01-6B	☐	WHITE	FITTING		
8	1964-17-7A	☐	TAN	FITTING		
9	1964-09-7B	☐	TAN	FITTING		
10	1964-17-8A	☐	RED	INSULATION		
11	1964-17-8B	☐	RED	INSULATION		
12	1919-45-9A	☐	TAN	9x9 FT MASTIC		
13	1919-45-9B	☐	"	"		
14	1919-36-10A	☐	TAN	COVE BASE		
15	1919-40-11A	☐	BLUE	12x12 FLOOR TILE + MASTIC		
16	1919-40-11B	☐	"	"		
17	1919-44-11C	☐	"	"		
18	1919-37-12A	☐	WHITE	CEILING TEXTURE		
19	1919-43-13A	☐	PINK	9x9 FT + MASTIC		
20	1919-37-13B	☐	"	"		

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM® LABORATORIES

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231411
Account Number: A845
Date Received: 01/30/2014
Received By: Joanna Mueller
Date Analyzed: 02/04/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: ASBTS1297

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
001	1981-18-01A	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
002	1981-18-01B	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
003	1981-18-01C	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose	20	Gypsum
004	1981-18-02A	Homogeneous	White Joint Compound	Asbestos Not Present	Cellulose	20	Gypsum
005	1981-18-02B	Homogeneous	White Joint Compound	Asbestos Not Present	Cellulose	20	Gypsum
006	1981-18-02C	Homogeneous	White Joint Compound	Asbestos Not Present	Cellulose	20	Gypsum
007	1981-18-03A	Layered	Black Mastic	Asbestos Not Present	NA		Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

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6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: ASBTS1297

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
008	1981-18-03B	Layered	Black Mastic	Asbestos Not Present	NA	Tar
008a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
009	1981-18-03C	Layered	Black Mastic	Asbestos Not Present	NA	Tar
009a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
010	1981-18-04A	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
010a		Layered	Black/Yellow Mastic	Asbestos Not Present	NA	Tar Glue

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Polarized Light Microscopy Asbestos Analysis Report

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Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: ASBTS1297

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	CaCO3
011	1981-18-04B	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
011a		Layered	Black/Yellow Mastic	Asbestos Not Present	NA	Tar Glue
011b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	CaCO3
012	1981-19-05A	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
012a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
013	1981-19-05B	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
014	1981-23-06A	Layered	Red Carpet	Asbestos Not Present	Synthetic 100	
014a		Layered	Yellow Carpet Mastic	Asbestos Not Present	NA	Glue
015	1981-25-06B	Layered	Red Carpet	Asbestos Not Present	Synthetic 100	
015a		Layered	Yellow Carpet Mastic	Asbestos Not Present	NA	Glue
016	1981-14-07A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 15	Gypsum Vinyl
017	1981-14-07B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 15	Gypsum Vinyl

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QUANTEM® LABORATORIES

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Project Location: Durant, OK
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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	1981-14-07C	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 15	Gypsum Vinyl
019	1964-29-08A	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 8 Crocidolite 8	NA	CaCO3
020	1986-23-09A	Layered	Tan Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
020a		Layered	Black Mastic	Asbestos Present Chrysotile 6	NA	Tar
021	1986-23-09B	Layered	** Floor Tile	**	Not Analyzed	
Positive Stop						
021a		Layered	** Mastic	**	Not Analyzed	
Positive Stop						
022	1986-11-10A	Layered	Green Floor Tile	Asbestos Present Chrysotile 5	NA	Vinyl CaCO3

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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

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Date Analyzed: 02/04/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: ASBTS1297

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
023	1986-11-10B	Layered	** Floor Tile	**	Not Analyzed	
Positive Stop						
023a		Layered	** Mastic	**	Not Analyzed	
Positive Stop						
024	1986-11-10C	Layered	** Floor Tile	**	Not Analyzed	
Positive Stop						
024a		Layered	** Mastic	**	Not Analyzed	
Positive Stop						
025	1964-04-11A	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum Paint
026	1964-04-11B	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum Paint

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Polarized Light Microscopy Asbestos Analysis Report

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Methodology: EPA/600/R-93/116

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6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: ASBTS1297

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027	1964-04-11C	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum Paint
028	1919-06-12A	Homogeneous	Black Foam	Asbestos Not Present	NA	Foam Paint
029	1919-16-12B	Homogeneous	Black Foam	Asbestos Not Present	NA	Foam Paint
030	1919-47-13A	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
030a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
031	1919-47-13B	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
031a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

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Received By: Joanna Mueller
Date Analyzed: 02/04/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: ASBTS1297

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032	1919-02-14A	Layered	Green Floor Tile	Asbestos Present Chrysotile 3	NA	Vinyl CaCO3
032a		Layered	Black Mastic	Asbestos Present Chrysotile 8	NA	Tar
032b		Layered	Tan Leveling Compound	Asbestos Not Present	NA	Gypsum
033	1919-10-14B	Layered	** Floor Tile	**	Not Analyzed	
Positive Stop						
033a		Layered	** Mastic	**	Not Analyzed	
Positive Stop						
033b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	CaCO3
034	1919-03-15A	Layered	Black Mastic	Asbestos Present Chrysotile 2	NA	Tar

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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

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Date Analyzed: 02/04/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

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Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: ASBTS1297

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
034a		Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	Cellulose 8	Vinyl CaCO3
034b		Layered	Black Mastic	Asbestos Present Chrysotile 4	NA	Tar
035	1919-03-15B	Layered	** Mastic	**	Not Analyzed	
Positive Stop						
035a		Layered	** Floor Tile	**	Not Analyzed	
Positive Stop						
035b		Layered	** Mastic	**	Not Analyzed	
Positive Stop						

Cristal Veech, Analyst

2/4/2014
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QUANTEM LABORATORIES
www.QuanTEM.com

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2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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For Lab Use Only	
Lab No.	231411
Accept	Reject

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other _____

Contact Information		Project Information	
Company: Enercon Services	Phone:	Project Name: Durant Middle School	
Contact: Sue Thompson	Cell Phone: 405-401-6722	Project Location: Durant, OK	
Account #:	E-mail: sjthompson@enercon.com	Project ID: ~~Enthse~~ ASBTS1297	
Sampled By: Name: Susan Thompson	Date: 1/28/14	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	1/29/14 1650	Hand		1/29/14 1600
	1/29/14 1755	Hand		1/29/14 6:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative (weight%)- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative (fibers/sq.cm)- ASTM D5755	☑ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1981-18-01A	☑	White	Drywall		
2	1981-18-01B	☑	"	"		
3	1981-18-01C	☑	"	"		
4	1981-18-02A	☑	White	Joint Compound		
5	1981-18-02B	☑	"	"		
6	1981-18-02C	☑	"	"		
7	1981-18-03A	☑	Yellow	Insulation		
8	1981-18-03B	☑	"	"		
9	1981-18-03C	☑	"	"		
10	1981-18-04A	☑	Dk Tan/Bk	Floor Tile + Mastic		Hallway top edge - side 'C'

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

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ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 231411
Accept / Reject

Project Information

Company: ENERCON SERVICES | Project Name: DURANT MIDDLE SCHOOL | Project Location: DURANT, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	1981-18-04B	☑	DK TAN/BK	FLOOR TILE + MASTIC		
12	1981-19-05A	☑	DK BRN/BK	FLOOR TILE + MASTIC		UTILITY RM
13	1981-19-05B	☑	"	"		"
14	1981-23-06A	☑	BLACK	CARPET MASTIC		CLASSROOM
15	1981-25-06B	☑	"	"		"
16	1981-14-07A	☑	WHITE	CEILING TILE		KITCHEN
17	1981-14-07B	☑	"	"		"
18	1981-14-07C	☑	"	"		"
19	1964-29-08A	☑	WHITE	TRANSITE FLUE INSULATION		BASEMENT BOILER RM.
20	1986-23-09A	☑	TAN/BK	FLOOR TILE + MASTIC		BATHROOM CLOSET
21	1986-23-09B	☑	"	"		"
22	1986-11-10A	☑	GREEN/BK	FLOOR TILE + MASTIC		TILE SAME AS RM 15, RESIDUAL
23	1986-11-10B	☑	"	"		MASTIC IN RM 16
24	1986-11-10C	☑	"	"		
25	1964-04-11A	☑	GREY	PLASTER		PLASTER / LATHE CEILING ABOVE 4, 5, 6
26	1964-04-11B	☑	"	"		"
27	1964-04-11C	☑	"	"		"
28	1919-06-12A	☑	WH/BK	12×12 SOUND SQUARE		WRESTLING GYM CEILING
29	1919-06-12B	☑	"	"		"
30	1919-47-13A	☑	GRN/YEL	FLOOR TILE + MASTIC		MAIN STAIRWAY LANDINGS

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No. 231411	
Accept	Reject

Project Information

Company: Enercon Services | Project Name: Durant Middle School | Project Location: Durant, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	1919-47-13B	☑	Grn / Yell	Floor Tile + Mastic		Main Stairway Landing
32	1919-02-14A	☑	Grn / Bk	Floor Tile + Mastic		
33	1919-10-14B	☑	"	"		
34	1919-03-15A	☑	Blue / Tan	Multi-Layer Floor Tile + Mastic		
35	1919-03-15B	☑	"	"		
36		☐				
37		☐				
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 232977
Account Number: A845

Date Received: 03/14/2014
Received By: Joanna Mueller
Date Analyzed: 03/14/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant Middle School, Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
001	1919-OS-01-01	Homogeneous	Gray Transite	Asbestos Present Chrysotile	15	NA	CaCO3

Gayle Ooten, Analyst

3/14/2014
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	232977
	Accept / Reject

Contact Information			
Company:	Enercon Services Inc. OKC.	Phone:	(405) 209-9637
Contact:		Cell Phone:	(405) 209-9637
Account #:		E-mail:	richardbelcher@msn.com
Sampled By:	Name: Richard Belcher	Date:	3-13-14

Project Information	
Project Name:	Durant Middle School
Project Location:	Durant Middle School, Durant OK
Project ID:	
P.O. Number:	

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Richard Belcher	3/13/14 1700	hand	[signature]	3/13/14 1700
[signature]	3/14/14 0730	hand	S-Lafwich	3/14/14 8:00

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ ~~24 - Hour~~
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1919-05-01-01	☑	Tan Gray	Transite Panel		Bld 1919 N-Side
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1919-01-C	Homogeneous	Gray Window Glazing	Asbestos Not Present	NA	CaCO3
002	1919-5-C	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
003	1919-4-C	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
004	1919-16-A	Homogeneous	Tan Plaster	Asbestos Not Present	Hair 2	Sand Gypsum Paint
005	1919-16-B	Homogeneous	Tan Plaster	Asbestos Not Present	Hair <1	Sand Gypsum Paint
006	1919-16-C	Layered	Gray Plaster	Asbestos Not Present	NA	Sand Gypsum Paint
006a		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	1919-16-D	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum Paint
008	1919-16-E	Layered	White Texture	Asbestos Not Present	NA	CaCO3 Paint
008a		Layered	Gray Texture	Asbestos Not Present	NA	CaCO3 Paint
008b		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum
009	1919-16-F	Layered	Tan Wall Covering	Asbestos Not Present	Glass Fiber 10	Glue Paint
009a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
009b		Layered	Green Skim Coat	Asbestos Not Present	NA	CaCO3 Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
009c		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum
010	1919-16-G	Layered	Tan Texture	Asbestos Not Present	NA	CaCO3 Paint
010a		Layered	White Texture	Asbestos Not Present	Cellulose 3	CaCO3 Paint
010b		Layered	Tan Plaster	Asbestos Not Present	NA	Sand Gypsum
010c		Layered	Gray Plaster	Asbestos Not Present	NA	Sand Quartz CaCO3
011	1919-17-A	Homogeneous	Black/Brown Fiberboard	Asbestos Not Present	Cellulose 70	Tar
012	1919-17-B	Homogeneous	Black/Brown Fiberboard	Asbestos Not Present	Cellulose 70	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
013	1919-17-C	Homogeneous	Black/Brown Fiberboard	Asbestos Not Present	Cellulose 70	Tar
014	1919-18-A	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
014a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 2	NA	Tar Glue
015	1919-18-B	Layered	Gray Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
015a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 3	NA	Tar Glue
016	1919-19-A	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
017	1919-19-B	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
018	1919-19-C	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
019	1919-19-D	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
020	1919-19-E	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
021	1919-19-F	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
022	1919-19-G	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
023	1919-20-A	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum
024	1919-21-A	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
024a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
025	1919-21B	Layered	Beige Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
025a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
026	1919-22-A	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
026a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
026b		Layered	White Leveling Compound	Asbestos Not Present	NA	Gypsum
027	1919-22-B	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
027a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 3	NA	Tar Glue
028	1919-23-A	Layered	Red Stair Tread	Asbestos Not Present	NA	Vinyl Binder
028a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue Binder
028b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	Sand CaCO3
029	1919-23-B	Layered	Red Stair Tread	Asbestos Not Present	NA	Vinyl Binder
029a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue Binder
029b		Layered	Gray Plaster	Asbestos Not Present	NA	Sand CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
030	1919-24-A	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
030a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
030b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	Sand CaCO3
031	1919-24-B	Layered	White Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
031a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile <1	NA	Tar Glue
031b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	Sand CaCO3
032	1919-25-A	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
032a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
033	1919-25-B	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl Clay
033a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
034	1919-26-A	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
034a		Layered	Black Mastic	Asbestos Present Chrysotile 2	NA	Tar
035	1919-27-A	Layered	Beige Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
035a		Layered	Black/Yellow Mastic	Asbestos Present Chrysotile 2	NA	Tar Glue

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234000
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1919
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
036	1919-28-A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
037	1919-28-B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint

Cristal Veech, Analyst

4/14/2014
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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For Lab Use Only
Lab No. 234000
Accept Reject

Contact Information		Project Information	Report Results (☑ one box)
Company: Environ Services	Phone:	Project Name: Durant MS - Bldg 1919	☑ QuanTEM Website
Contact: Sue Thompson	Cell Phone: 405-401-6722	Project Location: Durant MS, OK	☐ Other _____
Account #:	E-mail: sjthompson@environ.com	Project ID:	

Sampled By: Name: [signature] Date: 4/8/14

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/9/14 1025	HAND.	[signature]	4-9-14 1025

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☑ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1919-01-C	☑	White	Window Glazing / Caulk.		3rd Fl
2	1919-5-C	☑		2x4 Ceiling Tile - Corrugated		3rd Fl Book Rm
3	1919-4-C	☑		2x4 Ceiling Tile - Pin Hole		Media
4	1919-16-A	☑		Plaster Wall		Mech Rm
5	1919-16-B	☑		" "		Finish Coat
6	1919-16-C	☑		" "		Gym
7	1919-16-D	☑		" "		
8	1919-16-E	☑		" "		
9	1919-16-F	☑		" "		Vinyl Stabilization 2nd Fl
10	1919-16-G	☑		" "		Vinyl Mastic 2nd Fl

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LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 234000
Accept Reject

Project Information

Company: Emerson Services | Project Name: Durant MS - Bldg 1919 | Project Location: Durant MS, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	1919-17-A	☑	TAN	TEXTURE		GYM
12	1919-17-B	☑	"	"		"
13	1919-17-C	☑	"	"		"
14	1919-18-A	☑	GRAY/PINK	12×12 GRAY w/ PINK FT		GYM
15	1919-18-B	☑	"	"		"
16	1919-19-A	☑		WALL TEXTURE / JOINT COMPOUND		MEDIA
17	1919-19-B	☑		" "		MEDIA
18	1919-19-C	☑		" "		MEDIA
19	1919-19-D	☑		CEILING TEXTURE / JOINT COMPOUND		MEDIA
20	1919-19-E	☑		" "		MEDIA
21	1919-19-F	☑		" "		MEDIA
22	1919-19-G	☑		WALL TEXTURE / JOINT COMPOUND.		3rd Fl Book Rm
23	1919-20-A	☑		DRYWALL		BATHROOM
24	1919-21-A	☑	LT. TAN	9×9 LT. TAN FT		
25	1919-21-B	☑	"	" "		HALLWAY
26	1919-22-A	☑	TAN	12×12 TAN FT		
27	1918-22-B	☑	"	" "		
28	1919-23-A	☑		STAIR TREAD		
29	1918-23-B	☑		STAIR TREAD		
30	1919-24-A	☑	CREAM	12×12 CREAM w/ GRAY STRIAGES FT		2nd Fl

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For Lab Use Only
Lab No. 734000
Accept Reject

Project Information

Company: ENVIRON SERVICES | Project Name: DURANT MS - BLDG 1919 | Project Location: DURANT MS, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
31	1919-24-B	☑	CREAM	12×12 CREAM w/ GRAY SPECKLE FT		2nd Fl
32	1919-25-A	☑	BLUE	12×12 BLUE FT		2nd Fl
33	1919-25-B	☑	BLUE	" "		2nd Fl
34	1919-26-A	☑	WHITE	12×12 WHITE w/ GRAY SPECKLES FT		2nd Fl - only room
35	1919-27-A	☑	GRAY	12×12 GRAY w/ LT GRAY FT		only 1 room
36	1919-28-A	☑		2×2 CEILING TILE		WOMENS RR
37	1919-28-B	☑		2×2 CEILING TILE		MENS RR.
38		☐				
39		☐				
40		☐				
41		☐				
42		☐				
43		☐				
44		☐				
45		☐				
46		☐				
47		☐				
48		☐				
49		☐				
50		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234002
Account Number: A845

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Project: Durant MS - Bldg 1964
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1964-4-C	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
002	1964-5-C	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
003	1964-12-A	Layered	Tan/Brown Floor Tile	Asbestos Present Chrysotile 7	NA	Vinyl CaCO3
003a		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar
004	1964-12-B	Layered	Tan/Brown Floor Tile	Asbestos Present Chrysotile 5	NA	Vinyl CaCO3
004a		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar
005	1964-13-A	**	** **	**	Not Analyzed	

No Sample Received

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234002
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1964
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	1964-14-A	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
006a		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar
006b		Layered	Tan Leveling Compound	Asbestos Not Present	Cellulose 5	CaCO3
007	1964-15-A	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
008	1964-15-B	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
009	1964-15-C	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint
010	1964-15-D	Homogeneous	White Texture	Asbestos Not Present	NA	CaCO3 Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234002
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1964
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
011	1964-16-A	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
011a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
011b		Layered	Tan Leveling Compound	Asbestos Not Present	Cellulose 4	CaCO3
012	1964-17-A	Layered	Beige Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
012a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
013	1964-18-A	Layered	Olive Green Floor Tile	Asbestos Present Chrysotile 7	NA	Vinyl CaCO3
013a		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234002
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1964
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
014	1964-19-A	Layered	Tan Floor Tile	Asbestos Present Chrysotile	7	NA	Vinyl CaCO3
014a		Layered	Black Mastic	Asbestos Present Chrysotile	8	NA	Tar
015	1964-20-A	Layered	Tan/Gray Floor Tile	Asbestos Present Chrysotile	8	NA	Vinyl CaCO3
015a		Layered	Black Mastic	Asbestos Present Chrysotile	7	NA	Tar
016	1964-21-A	Layered	Black Floor Tile	Asbestos Not Present		NA	Vinyl CaCO3
016a		Layered	Black Mastic	Asbestos Present Chrysotile	5	NA	Tar
017	1964-22-A	Layered	Black Cove Base	Asbestos Not Present		NA	Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234002
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1964
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
017a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue
018	1964-23-A	**	** **	**	Not Analyzed	
No Sample Received						
019	1964-24-A	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
019a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
020	1964-24-B	Layered	Tan Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
020a		Layered	Black Mastic	Asbestos Present Chrysotile 7	NA	Tar
021	1964-25-A	Layered	Green Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234002
Account Number: A845

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Project: Durant MS - Bldg 1964
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
021a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
021b		Layered	Gray Leveling Compound	Asbestos Not Present	Cellulose 8	CaCO3
022	1964-25-B	**	** **	**	Not Analyzed	
No Sample Received						
023	1964-26-A	Layered	Green Stair Tread	Asbestos Not Present	NA	Rubber Vinyl
023a		Layered	Cream Mastic	Asbestos Not Present	NA	Glue
023b		Layered	Brown Mastic	Asbestos Not Present	NA	Glue

Sandy Baker, Analyst

4/14/2014
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Lab No.	834002
	Accept / Reject

Contact Information		Project Information	
Company: Energon Services	Phone:	Project Name: Durant MS - Bldg 1964	
Contact: Sue Thompson	Cell Phone: 405-401-6722	Project Location: Durant MS, OK	
Account #:	E-mail: sthompson@energon.com	Project ID:	

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other

Sampled By:	Name:	Date: 4/8/14

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	4/9/14 1025	HAND		4-9-14 1025

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM		PLM		TEM		TEM		TURNAROUND TIME	
☑	Bulk Analysis (EPA 600/R-93/116)	☐	Vermiculite Attic Insulation (EPA 600/R-04/004)	☐	Air- AHERA	☐	Bulk- Presence / Absence EPA600/R-93/116	☐	Rush
☐	400 Point Count	☐	Other	☐	Air- NIOSH 7402	☐	Bulk- Quantitative [weight%]- Chatfield	☐	Same Day
☐	1000 Point Count	PCM		☐	Air- ISO 10312	☐	Dust- Presence / Absence	☐	24 - Hour
☐	Gravimetric Preparation	☐	NIOSH 7400	☐	Drinking Water- EPA 100.2	☐	Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☑	3 - Day
☐	Particle ID			☐	Waste Water- EPA 600/4-83-043	☐	Other	☐	5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1964-4-C	☑		2×4 Ceiling Tile - Pinhole		
2	1964-5-C	☑		2×4 Ceiling Tile - Corrugated		
3	1964-12-A	☑	Gray	9"×9" Gray w/ Gray Specks FT		Bathroom
4	1964-12-B	☑	Gray	" "		
5	1964-13-A	☑	White Gray	12×12 White Gray w/ Lt Gray FT		Utility Rm
6	1964-14-A	☑	Blue	12×12 Blue FT		
7	1964-15-A	☑		Wall Texture / Joint Compound		1st Fl
8	1964-15-B	☑		" "		1st Fl
9	1964-15-C	☑		" "		1st Fl
10	1964-15-D	☑		" "		2nd Fl

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Samples #5 & #8, 12 were not received. 4/9/14 JM

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For Lab Use Only
Lab No. 234002
Accept Reject

Project Information

Company: ENERCON SERVICES | Project Name: DURANT HS - BLDG 1964 | Project Location: DURANT HS; OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	1964-16-A	☑	BEIGE	12×12 BEIGE FT		only 1 room
12	1964-17-A	☑	LT. GREEN	12×12 LT GREEN FT		only 1 room
13	1964-18-A	☑	DK GRAY	9×9 DK GRAY FT		only 1 room
14	1964-19-A	☑	TAN	9×9 TAN FT		Hall 2nd Fl
15	1964-20-A	☑	LT GRAY	9×9 LT. GRAY FT		Science Room
16	1964-21-A	☑	BLACK	12×12 BLACK FT		" "
17	1964-22 A	☑		COVE BASE W/ MASTIC		
18	1964-23-A	☑	GREEN GRAY	9×9 GREEN GRAY FT		only 1 room.
19	1964-24-A	☑	TAN/BROWN	12×12 TAN W/ BROWN FT		
20	1964-24-B	☑	"	" "		
21	1964-25-A	☑	GREEN	12×12 GREEN FT		LANDING
22	1964-25-B	☑	"	"		"
23	1964-26-A	☑	GREEN	STAIR TREAD.		
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234003
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - 1981 Bldg
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1981-04-C	Layered	Beige Floor Tile	Asbestos Present Chrysotile 2	NA	Vinyl CaCO3
001a		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
002	1981-08-A	Layered	Brown Cove Base	Asbestos Not Present	NA	Vinyl CaCO3
002a		Layered	Yellow Cove Base Mastic	Asbestos Not Present	NA	Glue
003	1981-09-A	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose <1	Gypsum
004	1981-10-A	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint
005	1981-10-B	Homogeneous	White Wall Texture	Asbestos Not Present	NA	CaCO3 Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QUANTEM® LABORATORIES

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234003
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - 1981 Bldg
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
006	1981-11-A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint
007	1981-11-B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose Glass Fiber	30 30	Perlite Paint

Cristal Veech, Analyst

4/14/2014
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

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For Lab Use Only
Lab No. 234003
Accept / Reject

Contact Information		Project Information	Report Results (☑ one box)
Company: EMERSON SERVICES	Phone:	Project Name: DURANT MS - 1981 BLDG	☑ QuanTEM Website
Contact: SUE THOMPSON	Cell Phone: 405-401-6722	Project Location: DURANT MS, OK	☐ Other
Account #:	E-mail: sthompson@emerson.com	Project ID:	

Sampled By: Name: [signature] Date: 4/8/14

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/9/14 1025	HAND.	[signature]	4/9/14 1025

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☑ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1981-04-C	☑	TAN	12" SQ TAN FT		
2	1981-08-A	☑		COVE BASE W/ MASTIC		
3	1981-9-A	☑		DRYWALL - CAFETERIA		
4	1981-10-A	☑		WALL TEXTURE - CAFETERIA		
5	1981-10-B	☑		" "		
6	1981-11-A	☑		CEILING TILE 2×4		
7	1981-11-B	☑		" 2×4		
8		☐				
9		☐				
10		☐				

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234001
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1986
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	1986-11-A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
002	1986-11-B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
003	1986-12-A	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
004	1986-12-B	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 30 Glass Fiber 30	Perlite Paint
005	1986-13-A	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Gypsum Perlite
006	1986-13-B	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3 Gypsum Perlite
007	1986-14-A	Homogeneous	White Sheetrock	Asbestos Not Present	Cellulose 2	Gypsum

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234001
Account Number: A845
Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1986
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
008	1986-15-A	Layered	Light Gray Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
008a		Layered	Black Mastic	Asbestos Not Present	NA	Tar
009	1986-15-B	Layered	Light Gray Floor Tile	Asbestos Present Chrysotile 4	NA	Vinyl CaCO3
009a		Layered	Black Mastic	Asbestos Present Chrysotile 2	NA	Tar
010	1986-16-A	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
010a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
010b		Layered	Gray Leveling Compound	Asbestos Not Present	NA	CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 234001
Account Number: A845

Date Received: 04/09/2014
Received By: Joanna Mueller
Date Analyzed: 04/14/2014
Analyzed By: Cristal Veech
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant MS - Bldg 1986
Project Location: Durant MS, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010c		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
011	1986-16-B	Layered	Blue Floor Tile	Asbestos Not Present	NA	Vinyl CaCO3
011a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue

Cristal Veech

Cristal Veech, Analyst

4/14/2014
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

QUANTEM LABORATORIES

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ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	234001
Accept / Reject	Accept

Report Results (☑ one box)	
☑	QuanTEM Website
☐	Other

Contact Information		Project Information	
Company:	Enercon Services	Project Name:	Durant MS - Bldg 1986
Contact:	Sue Thompson	Project Location:	Durant MS, OK
Account #:		Project ID:	
Phone:		Cell Phone:	405-401-6722
E-mail:	s'thompson@enercon.com		

Sampled By: Name: [signature] Date: 4/8/14

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
[signature]	4/9/14 1025	HAND.	[signature]	4-9-14 1025

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☑ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	1986-11-A	☑		2×4 Ceiling Tile - La. Hole		
2	1986-11-B	☑		" "		
3	1986-12-A	☑		2×4 Ceiling Tile - Pin Hole		
4	1986-12-B	☑		" "		
5	1986-13-A	☑		Wall Texture - Joint Compound.		
6	1986-13-B	☑		" "		
7	1986-14-A	☑		Drywall		
8	1986-15-A	☑	Tan	12×12 Tan Floor Tile		
9	1986-15-B	☑	Tan	" "		
10	1986-16-A	☑	Blue	12×12 Blue Floor Tile		

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM LABORATORIES
www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 234001
Accept Reject

Project Information

Company: Envirion Services | Project Name: Durant MS Bldg 1986 | Project Location: Durant MS, OK

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	1986-16-B	☑	Blue	12x12 Blue Floor Tile		
12		☐				
13		☐				
14		☐				
15		☐				
16		☐				
17		☐				
18		☐				
19		☐				
20		☐				
21		☐				
22		☐				
23		☐				
24		☐				
25		☐				
26		☐				
27		☐				
28		☐				
29		☐				
30		☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

Scope of Work

SCOPE OF WORK
For
Abatement of Friable and Non-Friable Asbestos at The Former Durant Middle School

The Oklahoma Department of Environmental Quality (DEQ) is seeking asbestos remediation services at the former Durant Middle School located in Durant, Oklahoma. The contractor shall follow all appropriate OSHA requirements. This scope of work (SOW) describes the friable and non-friable (non-regulated) asbestos containing materials (ACM) that will be removed. For details on the ACM including locations, please refer to the Scope of Work Non-Friable Asbestos Abatement Former Durant Middle School (Attachment 1) and Asbestos Abatement Project Design Former Durant Middle School (Attachment 2) and Asbestos Survey Report (Attachment 3).

Friable asbestos is present in:

- Fitting insulation on piping
- Pipe hanger inserts
- Contaminated soil in pipe tunnel
- Vibration Isolation Gasket
- Asbestos Foam Tape on Piping

Non-friable asbestos is present in:

- Floor tiles and adhesive
- Floor tile adhesive beneath carpeting
- Floor tile adhesive only
- Transite Flue®
- Transite® Window and Door Panels

A SOW for the removal of non-friable asbestos and a project design for the removal of friable asbestos is included in this Scope of Work (Attachment).

Current development plans are that the building will be renovated for use by local non-profits including the Durant Boys and Girls Club.

Enercon will be performing oversight on this project. Once asbestos has been removed, contractor shall contact Enercon to perform the final inspection. Enercon will determine if all asbestos has been appropriately removed or if additional work needs to be performed. Enercon can be reached by phone at (405) 722-7693 or via email at pchilders@enercon.com.

The building is located at 410 N. 6th Ave., Durant, Oklahoma. The building will have water and electricity to use during remediation.

SPECIAL PROVISIONS:

1. The contractor shall schedule all work to be complete within thirty (30) days of the date contract is awarded. Coordination of work shall be scheduled with DEQ.

a. A pre-construction meeting shall be held at the site after contract is awarded to review the Scope of Work and answer any questions the contractor may have.
b. All on-site work shall be completed by the contractor five (5) days prior to the scheduled contract completion date, with the remaining five (5) days utilized for final inspection and correction of all deficiencies.

2. All work shall be performed in accordance with all applicable State and Federal regulations.
    a. Disposal of Removed Materials: All materials removed by the Contractor under this contract shall be disposed of in accordance with State and Federal regulations.

CONTRACTOR SHALL:

- Possess a current Oklahoma Department of Labor (ODOL) Asbestos Abatement Contractor License in order to perform asbestos abatement
- Follow all appropriate OSHA requirements
- Be responsible for all air monitoring requirements

Submit After Contract Award:

- A Work Plan with planned activities and schedule to DEQ for approval

NON-FRIABLE ASBESTOS ABATEMENT INSTRUCTIONS

Below is a summary of the non-friable and/or non-regulated asbestos containing materials (ACM) that shall be removed from the Hobart Middle School. Non-friable asbestos abatement shall be completed in accordance with attached Scope of Work for Non-Friable Asbestos Abatement (Attachment 1).

- Remove:
    - Floor tiles and adhesive 7,200 square feet
    - Floor tile adhesive beneath carpeting 500 square feet
    - Floor tile adhesive only 15,340 square feet
    - Transite Flue® 52 square feet
    - Transite® Window and Door Panels 2,000 square feet

FRIABLE ASBESTOS ABATEMENT INSTRUCTIONS

Friable asbestos abatement will be completed in accordance with attached Project Design (Attachment 2).

- **See Attachment 2 Project Design for details.**

LEAD-BASED PAINT INSTRUSTIONS

Non-Friction and Non-Impact Surfaces

All items listed below shall be wet scraped, painted with a neutral colored primer, and encapsulated with DEQ approved elastomeric encapsulant. A list of DEQ approved elastomeric encapsulants is attached (Attachment 5). Encapsulant shall be a minimum of 20 mils thick. The Lead-Based Paint Survey with floor plan maps detailing the locations of the lead-based paint is attached for review (Attachment 4);

In the 1919 Building:

- All walls in Room 7;
- 3 walls in Room 9;
- One wall in Room 15;
- The lower portion (approximately four feet) of the plaster walls and banisters in the east and west stairwells on all floors;

FINAL REPORT

- Write final report containing the following information and submit to DEQ:
    - A detailed summary of work
    - Waste manifests (if any)
    - Photo documentation of work
        - Photo documentation of work will have color digital photos with captions describing photo
        - Photos will show before and after photos of work completed.
- Final report will be submitted in hard copy and electronically on disc.

OWNER REPRESTATIVE

Owner's Representative: Rachel Francks
Oklahoma Department of Environmental Quality
Land Protection Division
707 N. Robinson
Oklahoma City, OK 73102
(405) 702-5103 (Office)
(405) 702-5101 (Fax)
E-Mail: rachel.francks@deq.ok.gov

ATTACHMENT 1

Scope of Work
Non-Friable Asbestos Abatement
Former Durant Middle School

SCOPE OF WORK
NON-FRIABLE ASBESTOS ABATEMENT
FORMER DURANT MIDDLE SCHOOL
410 NORTH SIXTH AVENUE
DURANT, OKLAHOMA

A. GENERAL: This project is for abatement of floor tiles and adhesive and Transite® materials in the former Durant Middle School, 410 N. 6th Avenue, Durant, Oklahoma in preparation for renovation of the building. The work involves non-friable asbestos abatement. The friable asbestos materials are addressed separately in a Project Design. The contractor performing this work shall be currently licensed by the Oklahoma Department of Labor (ODOL) as an asbestos abatement contractor. The areas where the abatement is to be done are vacant and are to be renovated.

B. REGULATORY COMPLIANCE: The contractor shall comply with applicable federal and State regulations governing the abatement of non-friable asbestos.

C. ITEMS OF WORK:

1) Remove and dispose of approximately 7,200 SF of floor tiles and adhesive.
2) Remove and dispose of approximately 15,340 SF of ACM adhesive only.
3) Remove and dispose of approximately 500 SF of ACM floor tiles and adhesive beneath carpet.
4) Remove and dispose of approximately 52 SF of Transite® flue in the basement mechanical room.
5) Remove and dispose of approximately 2,000 SF of Transite® panels in windows and exterior doorways that have been sealed (no layout provided).
6) Dispose of the floor tiles/adhesive and Transite® as asbestos waste and provide copies of waste disposal manifests signed by the receiving landfill. Carpeting removed for access may be left inside the building in nearby areas not being abated.
7) No replacement of materials removed is included in this Scope of Work. Where removal of Transite materials will leave uncovered openings into the building, temporary coverings of nylon-reinforced poly will be installed as a temporary protective measure. Replacement materials are to be installed by others unless contract documents indicate otherwise.

D. CONDITIONS OF WORK:

1) The work is in preparation for renovation of the building.
2) The work is to be scheduled by the Abatement Contractor in coordination with the Owner.
3) This project will not require a NESHAP notification as these materials are not regulated and the building is not being demolished. (A NESHAP notification will be necessary for abatement of friable materials that exceed the NESHAP threshold limits.)
4) Power is available in the building; water and wastewater disposal points are available in the restrooms and janitor closets.
5) The Abatement Contractor will not have access to areas of the building where no abatement is being performed.
6) The contractor shall provide a valid Negative Exposure Assessment (NEA) to the Owner prior to commencement of removal of the floor tiles/carpet and adhesive and Transite®. If a valid NEA is not available, personal air monitoring during removal of floor tiles/adhesive and Transite® will be

required to be performed by the Contractor to document potential personnel exposures during removal. The establishment of an NEA shall be at the contractor's expense and will involve a minimum of one full work shift of personal air monitoring.

7) During use of non-toxic mastic remover in the vicinity of the gymnasium, the area will be adequately sealed from the gymnasium using critical barriers and two or more AFDs set inside the work area to exhaust fumes from the mastic remover to minimize impact on individuals using the gymnasium.
8) Building security in the portions of the building where abatement is being performed will be maintained by the Contractor. The Contractor will ensure that the doors to the building are secured when departing the area.

E. ABATEMENT CONTRACTOR TO PROVIDE: The Abatement Contractor shall provide all labor, equipment, supplies, materials, waste transportation and disposal, etc. for the stated price for the work described herein. The contractor shall have determined the difficulties in prosecuting the work by a site visit and shall have taken these into consideration in the preparation of his bid. The Abatement Contractor will be responsible for safeguarding his equipment, supplies and any other items he has brought to the site. The Contractor will have the use of the restrooms in the building for use by his workers. The restrooms shall be maintained in a tidy condition insofar as it relates to use by contractor personnel.

F. OWNER TO PROVIDE: The Owner will provide the following in a timely manner in support of the Work:

1) Electricity, water and wastewater disposal from existing available outlets.
2) Access to the building and work areas.
3) Access to the restrooms for use by workers.

G. PERFORMANCE PERIOD: The work schedule for the abatement will be as stated in the contract documents.

H. WASTE DISPOSAL: Disposal of all asbestos waste shall be the responsibility of the Contractor. Proper disposal of asbestos-contaminated waste shall be accomplished at an EPA-approved disposal site and a legible copy of the waste manifests/chains of custody signed by the receiving landfill are to be provided to the Owner within 20 calendar days following completion of the work. Payment to the contractor will be contingent upon the Owner receiving these documents in legible form.

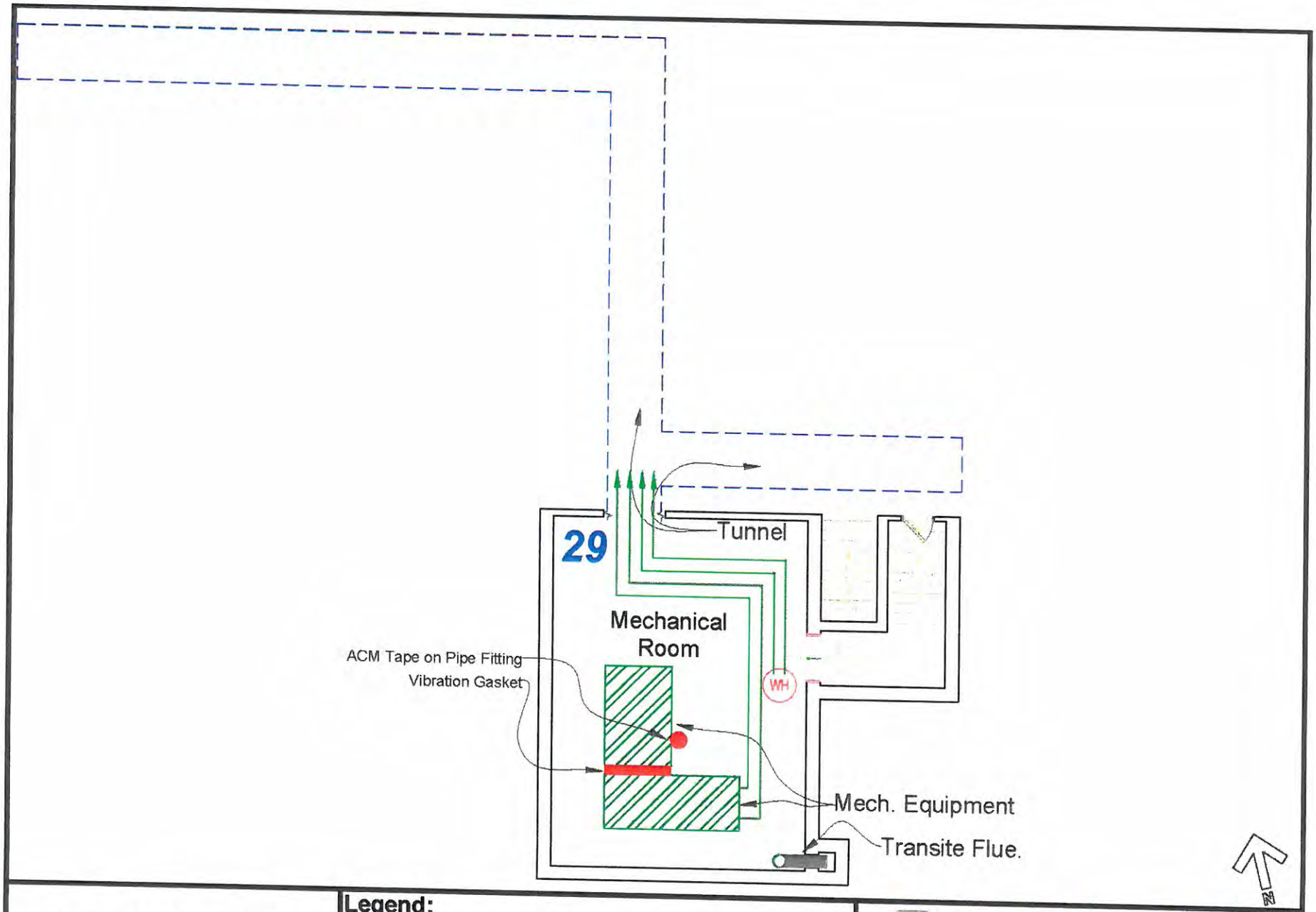
I. INSURANCE: As stated in the contract documents.

J. BONDS: As stated in the contract documents.

K. INVOICING: As stated in the contract documents.

Attachments

Non-friable Materials Removal Layouts



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

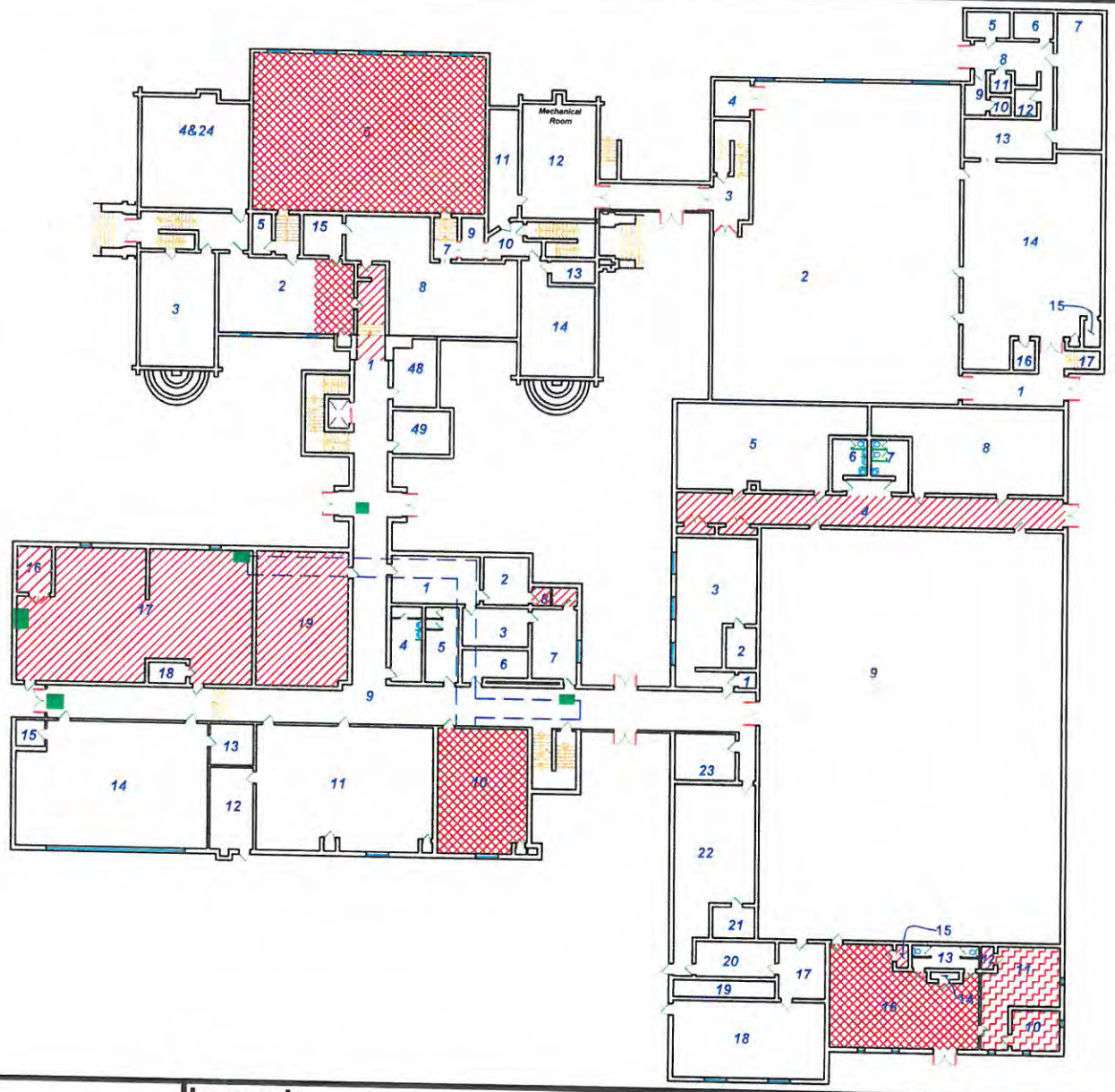
= Vibration Gasket @ 20 LF

= Insulated Tape on Pipe Fitting @ 3 LF

= Transite Sleeve @ 52 SF

ENERCON

Basement
Asbestos Locations



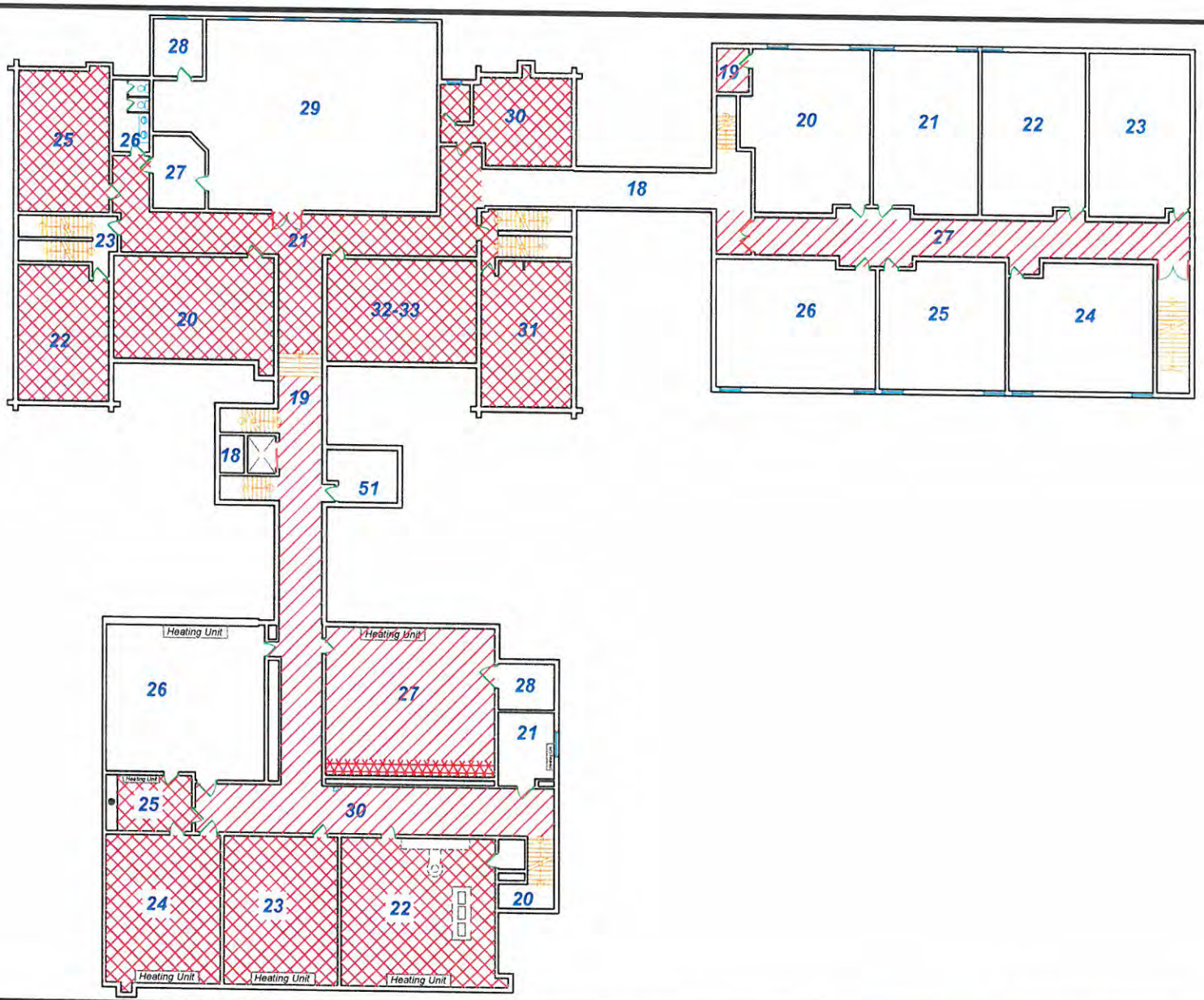
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
= Floor Tile and Mastic @ 3,640 SF
= ACM Mastic Only @ 4,100 SF
= Floor Tile and Mastic under Carpet @ 500 SF

ENERCON

First Floor Floor Tile Locations
Durant Middle School

5/01/2014



5/01/2014

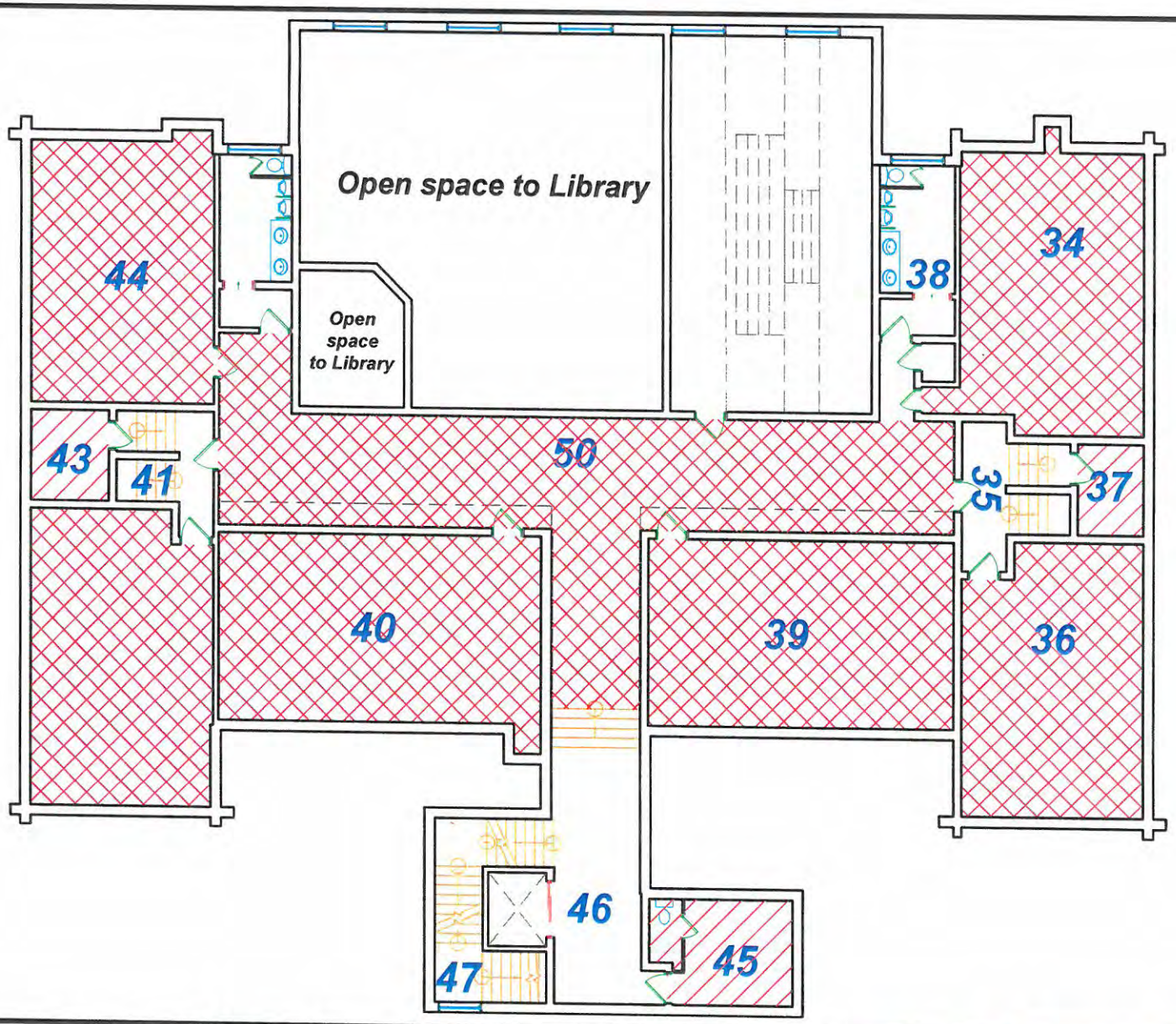
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

= ACM Floor Tile and ACM Mastic @ 3,250 SF
= ACM Mastic Only @ 7,340 SF
= ACM Mastic under negative Floor Tile @ 110 SF

ENERCON

Second Floor Floor Tile Locations
Durant Middle School



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
=Floor tile and mastic @ 250 SF
=Floor tile and mastic @ 3,900 SF

ENERCON

Third Floor Floor Tile Locations
Durant Middle School

ATTACHMENT 2

Asbestos Abatement
Project Design
Former Durant Middle School

ASBESTOS ABATEMENT PROJECT DESIGN
FORMER DURANT MIDDLE SCHOOL
410 NORTH SIXTH AVENUE
DURANT, OK

A. INTRODUCTION: This Project Design was prepared by Enercon Services, Inc., in order to provide a prudent course of action for abatement of asbestos-containing materials in preparation for demolition. Protocols to be used are for compliance with governing regulations to protect contractor personnel from incidental exposure to airborne asbestos fibers during abatement.

B. PROJECT INFORMATION:

1. Project Name: Asbestos Abatement, Former Durant Middle School, Durant, OK
2. Description of Work/Occupancy: The work involves removal of approximately 210 asbestos-containing fittings on fiberglass lines, 9 roof drain pipe hanger inserts, 3 linear feet of asbestos foam tape, 20 linear feet of woven asbestos vibration isolation gasket and 100 cubic feet of contaminated soil in a pipe tunnel. The building is vacant and will be renovated following abatement.
3. Project Type: Renovation.
4. Contractor: To be determined by Owner.
5. Industrial Hygiene/Air Monitoring Firm: To be determined by Owner.
6. Analytical Laboratory: To be determined by Owner.

C. REGULATORY COMPLIANCE (1): The work involves abatement of asbestos-containing fitting insulation, pipe hanger inserts, asbestos foam tape, a vibration isolation gasket and contaminated soil in a pipe tunnel. The specific governing regulations affecting this work include, but are not limited to, 29 CFR 1926.1101 (OSHA Construction Industry Asbestos Standard), 29 CFR 1910.134 (OSHA Respiratory Protection), 40 CFR 61, Subpart M (Asbestos NESHAP) and OAC 380:50 (Oklahoma Rules for Abatement of Friable Asbestos). Waste transport and disposal is to be provided by an Oklahoma-licensed asbestos waste transporter with a waste disposal manifest/chain of custody signed by the receiving landfill. DOT Class 9 placards are to be displayed during transportation of asbestos waste.

D. WORK SEQUENCING/SCHEDULING (2): The work will be done in one phase, with multiple tasks. The work will be scheduled by the abatement contractor in coordination with the Owner. All work will be planned for normal work hours.

E. EGRESS AND FIRE PROTECTION (3): From the basement mechanical room, in the event emergency evacuation is necessary, the primary exit will be up the stairs and out through the decon and out the breezeway exit. On the first floor, the primary exit will be through the decon and out through the breezeway exit. On the second and third floors, the primary exit path will be down the nearest stairs to the first floor and out through the decon and the breezeway exit. Secondary exit will follow a similar path, but exit through the loadout. Workers will be briefed on emergency exit procedures and the assembly point at the beginning of the work shift. No special fire protection measures are required. One 10#ABC fire extinguisher will be placed in the vicinity of active work on

each floor and moved as work progresses; one will also be set at the decon and one at the loadout on the first floor. Battery-backed up emergency lighting will be provided at the decon and loadout, as well as at the tunnel stairway.

F. MATERIALS TO BE ABATED (4):

1. Description: The asbestos material to be abated consists of asbestos-containing fitting insulation, pipe hanger inserts, asbestos foam tape, a vibration isolation gasket and contaminated soil in a pipe tunnel.

2. Amount and Location of Asbestos-Containing Materials (ACM): Approximately 210 asbestos-containing fittings on fiberglass lines, 9 roof drain pipe hanger inserts, 3 linear feet of asbestos foam tape, 20 linear feet of woven asbestos vibration isolation gasket and 100 cubic feet of contaminated soil in a pipe tunnel. The fittings and hanger inserts contain 15-20% Chrysotile, the foam tape contains 20% Chrysotile, the vibration isolation gasket contains 60% Chrysotile and the contaminated soil contains debris from the fittings. The laboratory report excerpts are attached.

G. ASBESTOS ABATEMENT METHODS (5): The work will be divided into two work tasks. Task 1 will involve abatement of the fitting insulation outside the pipe tunnel, asbestos foam insulation in the basement and pipe hanger inserts on the second floor will be done by glove-bagging using critical barriers and drop cloths. Selective demolition will be necessary for access to piping inside walls and restroom chases. The contractor will remove all uncontaminated demolition waste from the building and place in a dumpster or other waste container for disposal as construction/demolition waste. Task 2 will include abatement of fittings in the pipe tunnel using gross removal procedures with cleanup of the contaminated soil using wet manual procedures. Access openings will be cut through the concrete floor as deemed appropriate to provide adequate access to the tunnels for abatement. Pop-ups will be placed at the tunnel entrance in the basement and at openings cut through the floor to enable adequate access into the pipe tunnel. An AFD will be set outside a pop-up to provide negative pressure inside the tunnel for abatement. The tunnel will be checked for safe carbon monoxide and oxygen levels prior to entry by workers each day when work in the tunnel is being done. A manometer will be used to monitor negative pressure inside the tunnel containment. A remote decon and loadout will be used for all abatement, as there is insufficient space in the basement to erect a decon. Loadout of bagged waste will be through the pop- ups. Accumulated waste will be double-bagged and sealed with a generator label inside. Waste will be removed through the loadout and placed in a poly-lined disposal trailer for transport to the disposal landfill. See attached layouts for the location of the materials to be abated and other relevant items.

H. ASBESTOS AIR MONITORING/RESPIRATORY PROTECTION (6,7): No background air samples will be collected. Personal air monitoring and respiratory protection will not be required while installing critical barriers, setting up the decon/loadout and preparing the loadout trailer to receive the waste. Full-body protective clothing and full-face, APR with HEPA-cartridges will be worn during interior demolition required for access to the asbestos for abatement. The decon will be set up and operational prior to commencement of demolition that could damage the fitting insulation. Full-body protective clothing and half-face APR may be worn during handling of bagged/wrapped waste from the loadout to the disposal trailer. Personal air samples will be collected on a minimum of two workers or 25% during abatement and prep work requiring respiratory protection. One inside area air monitor will be placed inside the work area on each floor when active abatement is in progress in each area and moved with the crew as work progresses on that floor. One outside area

monitor will be set outside the decon clean room. No monitors will be set outside critical barriers as the building will be vacant during abatement. One area air sample will be collected along the loadout path during loadout. Five PCM clearance air samples will be collected in the pipe tunnel and five PCM clearance air samples will be collected on each floor and the basement/tunnel following completion of abatement and satisfactory visual inspection. The building is not expected to be used as a school building following abatement; therefore, TEM clearances will not be collected.

I. LABORATORY CERTIFICATIONS: The laboratory to be used for analysis of personal and area asbestos air samples is to be determined by the Owner. All air samples will be collected by an Asbestos Air Monitoring Technician authorized to collect and analyze air samples in Oklahoma.

J. CONTAINMENT METHODS (8, 9): Glove-bag abatement with critical barriers and drop cloths in all areas except the tunnel, which will be abated using gross removal procedures. Asbestos barrier tape or signs will be used at the decon/loadout and critical barriers at other potential entrances to the work areas to restrict access. The building is to remain locked when contractor personnel are not on site to control access. Power and water are available from existing outlets in the building. Water to the decon shower will be shut off at the source when contractor personnel are not on site. Electrical power inside the tunnel and within arms' reach of glove-bags will be shut down, locked out and tagged out. An AFD will be used to provide air flow through the decon and will be monitored when it is in use.

K. DECONTAMINATION SYSTEM (10): A worker decontamination facility will be set in the breezeway between the 1919 and 1964 buildings. Workers will use double-suit procedures when exiting a pop-ups and proceeding to the decon. For work outside the tunnel, workers will proceed directly to the dirty room of the decon. When entering the decon, workers are to remove their soiled suit in the dirty room, enter the shower with only their respirator on, remove their respirator and shower with soap and water. After rinsing their body and respirator, they are to proceed into the clean room to dry off, put on their street clothes, clean their respirator and store it for subsequent use. The clean room is to be kept tidy at all times. Lighting for the work areas will be provided by the abatement contractor as necessary with power obtained outside the work area and routed through GFCI pigtails into the work area and to the decon shower pump. Procedures set forth in OAC 380:50-15-7, 8 and 12 are to be followed. Battery-powered emergency lighting will be provided at the decon, loadout, basement stairs tunnel pop-ups to provide sufficient lighting in the event of loss of electrical power for the primary lighting.

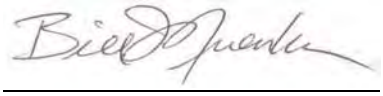
L. CONTAMINATED SOIL (11): Contaminated soil is to be wetted, placed in a disposal bag, removed from the pipe tunnel and double-bagged for disposal. Following removal of the fitting insulation, all visible asbestos debris is to be removed from the soil floor of the tunnel along with a minimum of the top two inches of soil and bagged. The tunnel will be gridded and nine soil samples collected from the soil in the tunnel. Should any of the samples contain greater than 1% asbestos, an additional two inches of soil will be removed from the area where the contaminated soil was present, and that area re-sampled. This process will continue until all samples collected contain 1% or less asbestos. Once the contaminated soil is removed and satisfactory soil test results are available, the contractor will schedule a visual inspection. Following a satisfactory visual inspection, the tunnel area will be locked down using a tinted lockdown encapsulant.

M. **DAMAGE PROTECTION (12):** The abatement contractor will limit damage to that required for access to the asbestos being abated.

N. **VARIANCES REQUESTED (13):** A variance is requested to use a remote decon for the tunnel abatement as there is insufficient space in the boiler room to set up a decon facility.

O. **INSPECTIONS:** ODOL is expected to conduct a prep inspection, a visual inspection and a final inspection following completion of abatement. ODOL may combine or eliminate one or more of these inspections at their discretion.

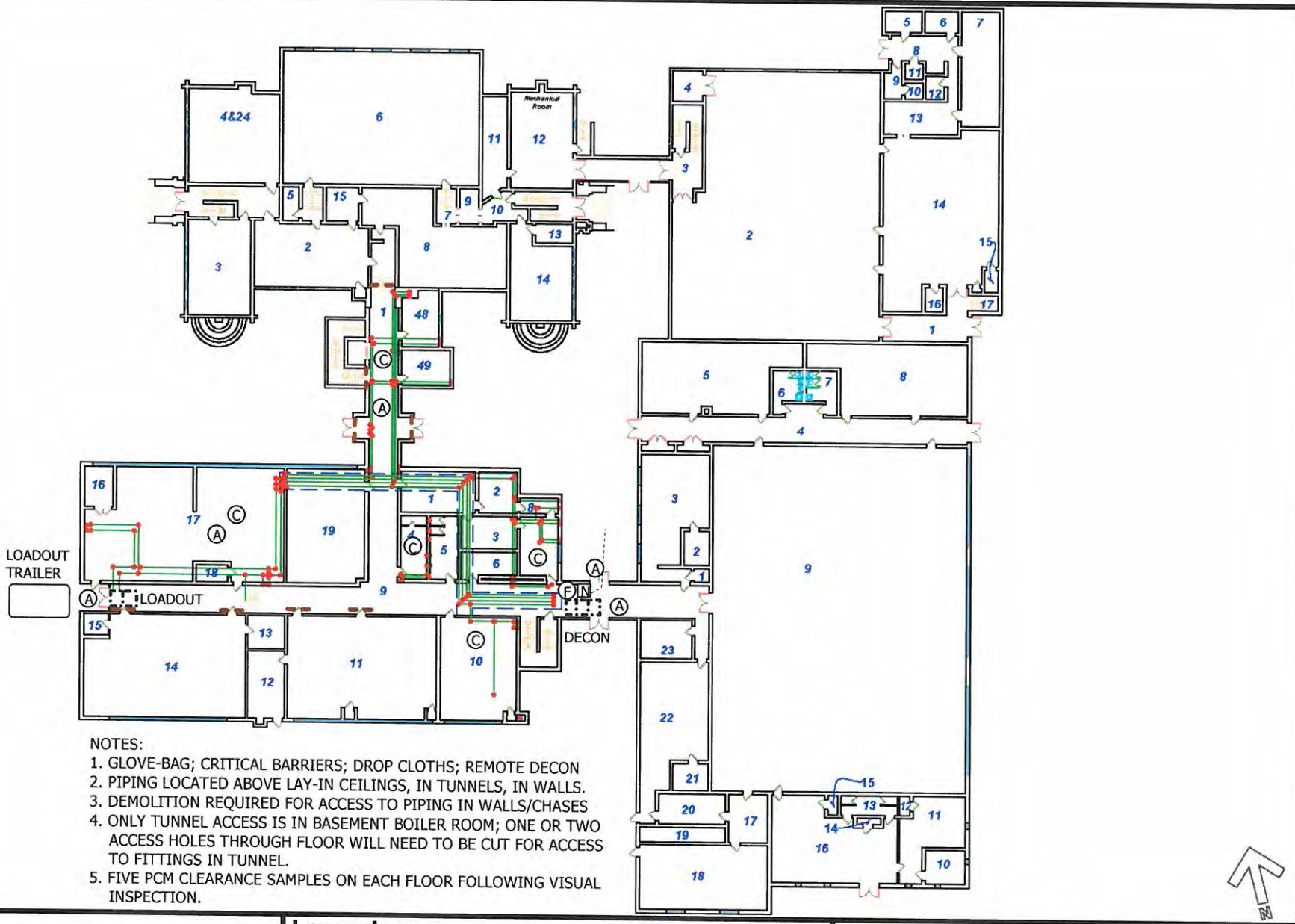
P. **CERTIFICATION:** This design was prepared by the undersigned for compliance with applicable federal and State regulations.



07/10/2014 .

Bill Muenker Date

Asbestos Project Designer, OKPD-140007



NOTES:

1. GLOVE-BAG; CRITICAL BARRIERS; DROP CLOTHS; REMOTE DECON
2. PIPING LOCATED ABOVE LAY-IN CEILINGS, IN TUNNELS, IN WALLS.
3. DEMOLITION REQUIRED FOR ACCESS TO PIPING IN WALLS/CHASES
4. ONLY TUNNEL ACCESS IS IN BASEMENT BOILER ROOM; ONE OR TWO ACCESS HOLES THROUGH FLOOR WILL NEED TO BE CUT FOR ACCESS TO FITTINGS IN TUNNEL.
5. FIVE PCM CLEARANCE SAMPLES ON EACH FLOOR FOLLOWING VISUAL INSPECTION.

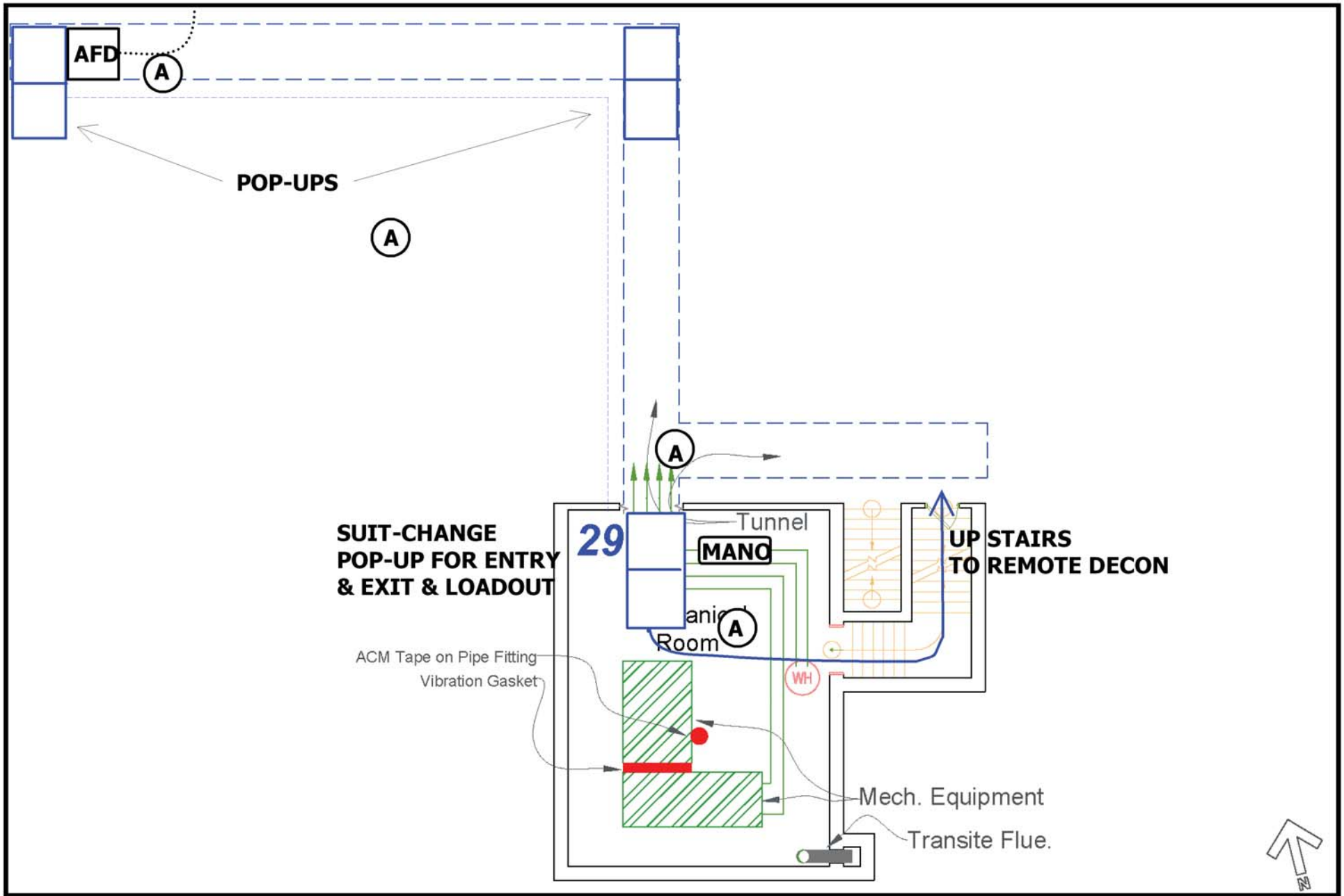
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

- =Asbestos Fitting on Fiberglass line @ 140 Each
- =Tunnel
- =Critical Barrier

ENERCON

GLOVE-BAG FITTINGS
TUNNEL & FIRST FLOOR



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

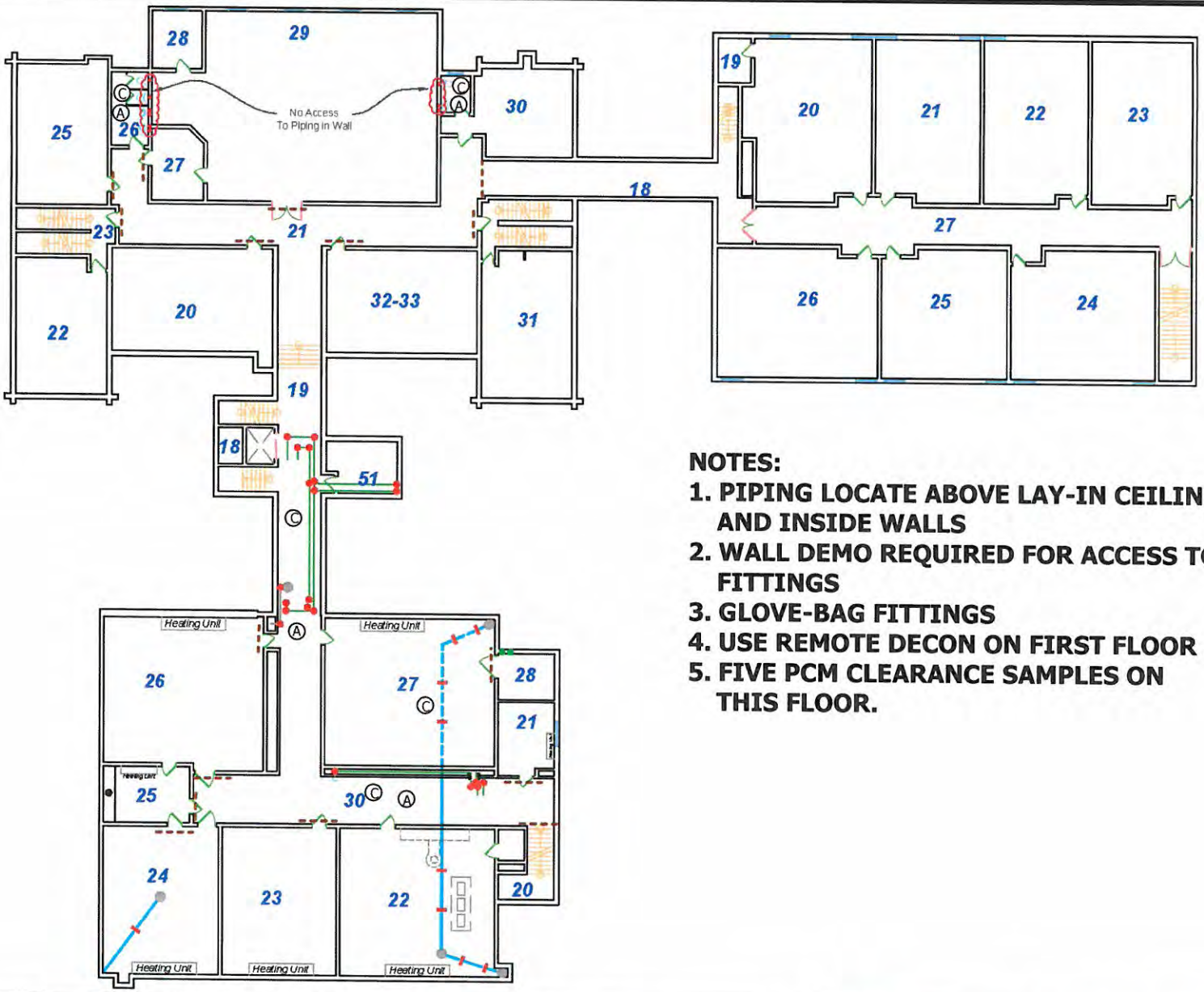
= Vibration Gasket @ 20 LF

= Insulated Tape on Pipe Fitting @ 3 LF

= Transite Sleeve @ 52 SF

ENERCON

Basement
Asbestos Locations



NOTES:

1. **PIPING LOCATE ABOVE LAY-IN CEILINGS AND INSIDE WALLS**
2. **WALL DEMO REQUIRED FOR ACCESS TO FITTINGS**
3. **GLOVE-BAG FITTINGS**
4. **USE REMOTE DECON ON FIRST FLOOR**
5. **FIVE PCM CLEARANCE SAMPLES ON THIS FLOOR.**

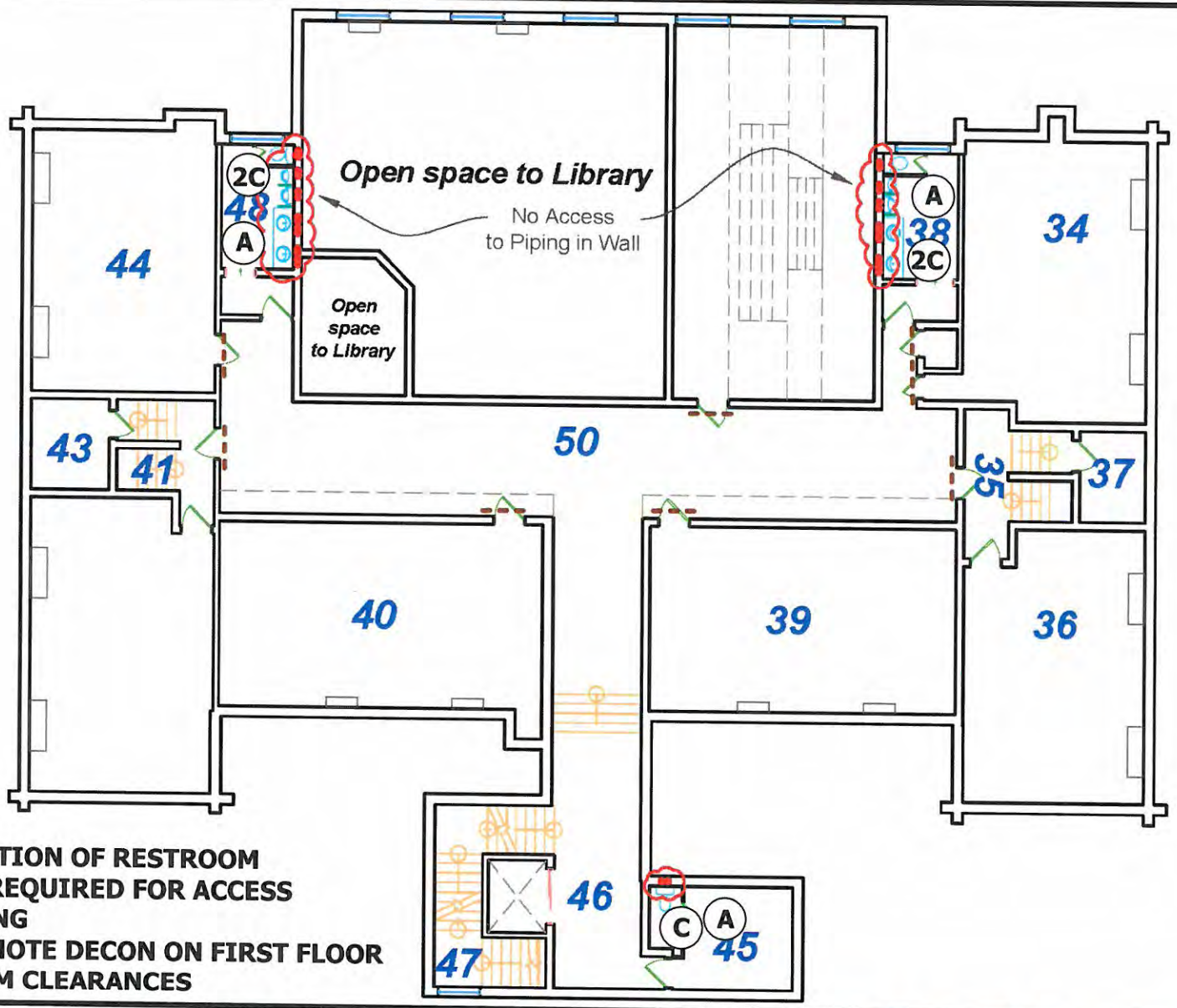
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

- = Roof Drain Lines
- = Roof Drain Line Path Assumed
- = Roof Drain Pans
- = Asbestos Containing Hangers @ 9 Each
- = Asbestos Fittings Approximately 40 Each
- =Critical Barriers

ENERCON

GLOVE-BAG FITTINGS
SECOND FLOOR



NOTES:

1. **DEMOLITION OF RESTROOM WALLS REQUIRED FOR ACCESS TO PIPING**
2. **USE REMOTE DECON ON FIRST FLOOR**
3. **FIVE PCM CLEARANCES**

Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

●=Presumed Asbestos Fitting Locations @ 30 Each

- - - =Critical Barrier

ENERCON

GLOVE-BAG FITTINGS
THIRD FLOOR

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
Account Number: A845
Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 99	Binder
006	1964-29-1B	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 70	Tar
006a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 99	Binder
007	1964-29-1C	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 70	Tar
007a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 99	Binder
VIG 008	1964-29-2A	Homogeneous	White Gasket	Asbestos Present Chrysotile 60	Cellulose 30	Binder
TAPE 009	1964-29-3A	Layered	Black Mastic	Asbestos Present Chrysotile 20	NA	Tar CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
Account Number: A845

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Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

FTGS

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
016	1919-01-6A	Homogeneous	White Insulation	Asbestos Present Chrysotile 20	Glass Fiber	25	CaCO3 Binder
017	1919-01-6B	Homogeneous	White Insulation	Asbestos Present Chrysotile 20	Glass Fiber	20	CaCO3
018	1964-17-7A	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 20	Glass Fiber	20	CaCO3
019	1964-09-7B	Homogeneous	White Insulation	Asbestos Present Chrysotile 15	Glass Fiber	20	CaCO3
020	1964-17-8A	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar
020a		Layered	Pink Insulation	Asbestos Not Present	Glass Fiber	99	Binder
021	1964-17-8B	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Project Design Review Form

Oklahoma Department of Labor

Asbestos Division

Project Name: Durant PS-Former Durant MS

Project No: 14-7967 Date: 8/20/14

Approved: __X____

Disapproved: _____

3017 N. Stiles, Oklahoma City, OK 73105

Phone - (405)521-6464 Fax - (405)521-6025

Project Designer: Bill Muenker

	ITEM	ACCEPTED	REJECTED	COMMENTS
1.	**A statement that DOL Abatement of Friable Materials Rules apply.**	X		Section C. Regulatory Compliance.
2.	**Sequencing and phasing of work.**	X		One phase with multiple tasks.
3.	**Identification of means of egress and a fire protection plan and a diagram for emergency escape routes, and fire extinguisher placements.**	X		Emergency exits identified with battery backed up lighting. Two 10:ABC fire extinguishers will be required.
4.	**The quantity, type, percentage with bulk analysis unless presumed and a diagramed location of asbestos materials to be abated.**	X		210 linear feet of pipe fittings and 9 roof drain pipe hanger inserts containing 15-20% chrysotile, 3 linear feet of foam tape containing 20% chrysotile, 20 linear feet of cloth vibration damper containing 60% chrysotile. 100 cf. of soil contaminated from fittings.
5.	**Abatement methods, and techniques, and numbers of containments, glove bags or mini-containments.**	X		Glove bag procedures for task 1. Gross removal procedures for task 2.
6.	**Details of personal and area air monitoring samples.**	X		Three area monitors identified, **an additional monitor will be required for each negative air exhaust.** 25% with a minimum of two personals.
7.	**Numbers and locations of Clean Test samples and type of analysis to be employed.**	X		Five PCM clearance samples will be taken from each work area.
8.	**Numbers, capacities, a diagram to identify locations, and discharge points, if any, of negative air machines.**	X		A negative air machine will be attached to the decontamination unit. One negative air machine with a minimum of 1,800 CFM will be attached to the tunnel, externally exhausted and monitored.
9.	**Details of project containment(s), glove bag or mini-containments, including drawings. Details shall include all applicable subchapters, including but not limited to scaffolding and live electric isolation.**	X		Critical barrier and drop cloth work areas. All power in the task 2 area will be locked and tagged out, task 1 will be arms reach.
10.	**Details of decontamination system(s).**	X		Centralized decontamination unit with attached change rooms. Decontamination unit will have an attached negative air machine.
11.	**The extent to which asbestos-contaminated soils, if any, must be removed and the sampling methods of determining the efficacy of such removal.**	X		Two inches of soil will be removed from tunnel. 9 soil samples will be taken.
12.	**Special materials or methods required to protect objects in the work area should be detailed, (plywood over carpeting or hardwood floors to prevent damage from scaffolds and/or falling materials.**	X		None.
13.	**Any variances from the Abatement of Friable Asbestos Materials Rules.**	X		Variance to use a central de-con for the task 2 area is accepted provided there is no room to attach the unit to the work area.

The Department of Labor reserves the right to require additional engineering or environmental controls consistent with the Abatement of Friable Asbestos Materials Rules which may be necessary because of discrepancies between this Project Design and field conditions or from unanticipated changes in field conditions.

REVIEWED BY: _____ DATE: 9/8/14 REVIEWED BY: _____ DATE: 9/8/14

ATTACHMENT 5

DEQ approved elastomeric encapsulants

Lead-Based Paint Encapsulants approved by DEQ

Encapsulant Manufacturer	Encapsulant Product(s)
Coronado Paint Company	LEAD BLOCK™
Dumond Chemicals	LEAD STOP™
Dynacraft Industries, Inc.	Back to Nature Protect-A-Coat
Encap Systems Corporation	EncapSeal™ I
Encap Systems Corporation	EncapSeal™ II
Fiberlock Technologies, Inc.	Child GUARD interior/exterior
Fiberlock Technologies, Inc.	L-B-C® Type III
Global Encasement, Inc.	LeadLock™
Grace Construction Products	Lead Seal®
Grace Construction Products	Barrier Coat® II
Insl-x Products Corporation	INSL-CAP™
SAFE Encasement Systems	SE-120 Protective Skin
Specification Chemicals, Inc.	NU-WAL® #2500 Coating

Memorandum

February 16, 2016

To: Kendall Kelton, Contracting Agent

Through: Tiffany Schwimmer, Budget Analyst

Through: Mary Johnson, Secretary

Through: Kelly Dixon, Division Director

Through: Dustin Davidson, SCAP Manager

Through: Aron Samwel, Brownfields Manager

From: Rachel Francks, Environmental Programs Specialist

Re: Change Order for The Former Durant Middle School (PO# 2929020694/DCS Project #EN16004-07)

During the abatement currently being conducted on Former Durant Middle School (owned by the Durant Independent School District) Tec-An noticed additional suspect materials that were not indicated as being asbestos containing in the Scope of Work. Additional sampling conducted by Enercon identified significant additional areas of tile and or mastic that are considered asbestos containing. It is supposed that the school had initially been abated under older rules that allowed for only 80% removal. That is no longer considered appropriate and the non-profit occupant of the building does not feel comfortable managing the additional identified materials in place.

Attached is a Change Order Form with Proposal listing the additional tasks and estimated cost increase.

The proposal is asking to increase the cost of the project by **$30,910.00.**

Additional information will need to be entered on the Change Order Form by the Finance Department and Contracting Department.

Purchase Order

CHANGE ORDER **Dispatch via Print**

Purchase Order	Date	Revision	Page
2929020694	12/08/2015	1 - 02/18/2016	1

Payment Terms	Freight Terms	Ship Via
0 Days	Free on board at Destination	Common

Buyer	Phone	Currency
Stacey Haines (090)	405/522-4804	USD

Dept of Environmental Quality

OK DEPT OF ENVIRONMENTAL QUALITY
SHIPPING & RECEIVING
707 N ROBINSON
OKLAHOMA CITY OK 73102

Ship To: OK DEPT OF ENVIRONMENTAL QUALITY
SHIPPING & RECEIVING
707 N ROBINSON
OKLAHOMA CITY OK 73102

Supplier: 0000074805
TEC-AN INC
2517 S PURDUE DR
OKLAHOMA CITY OK 73128-1830

Bill To: OK DEPT OF ENVIRONMENTAL QUALITY
ADMINISTRATIVE SERVICES
PO BOX 1677
OKLAHOMA CITY OK 73101-1677

Tax Exempt? Y **Tax Exempt ID:** 736017987

Line-Sch	Cat CD / Item Id	Description	Quantity	UOM	PO Price	Extended Amt	Due Date
1- 1	77101700 / 1000013607	SERVICE: CAP, IDIQ, Environmental Services	1.0000	JA	**187,605.0000**	187,605.00	12/08/2015

Total PO Amount 187,605.00

COMMENTS:
.IDIQ CONSULTANT SERVICES PURSUANT TO O.S. 61 § 62.2.
.
CONTRACT TERM: COMMENCING UPON NOTICE TO PROCEED, ENDING UPON COMPLETION OF PROJECT.
.
CAP PROJECT NUMBER: EN16004-07
.
AGENCY: OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
.
PROJECT: SITE CLEANUP ASSISTANCE PROGRAM - ASBESTOS AND LEAD-BASED PAINT ABATEMENT. JUSTIFICATION: UNDER THE SITE CLEANUP ASSISTANCE PROGRAM THE DEQ WILL HIRE A LICENSED PROFESSIONAL TO FOLLOW THE PREPARED ASBESTOS PROJECT DESIGN AND ABATE THE ASBESTOS AND ENCAPSULATE LEAD BASED-PAINT FROM THE FORMER DURANT MIDDLE SCHOOL LOCATED AT 410 NORTH 6TH AVENUE, DURANT, OK.
.
SUPPLIER CONTACT: GARY COOK | 405-681-7079 | GARY@TEC-AN.COM | INFO@TEC-AN.COM
.
AGENCY CONTACTS:
PROJECT: RACHEL FRANCKS | 405-702-5103 | RACHEL.FRANCKS@DEQ.OK.GOV
DIVISION: MARY JOHNSON | 405-702-5150 | MARY.JOHNSON@DEQ.OK.GOV
CHARGE AND INVOICING: KENDALL KELTON | 405-702-5103 | KENDALL.KELTON@DEQ.OK.GOV | SA-DEQPROC@DEQ.OK.GOV
.
CAP CONTACTS
STACEY TUCKER | 405.522.4804 | STACEY.TUCKER@OMES.OK.GOV
LAURIE RYAN | 405.522.6762 | LAURIE.RYAN@OMES.OK.GOV
.
AGENCY REQ: 2920004679
.
FOR AGENCY USE ONLY | FY 2016 | DEQ IS AN EQUAL OPPORTUNITY EMPLOYER | FUNDING: 292049316 | NOVEMBER 6, 2015

CO#1: ADD $30,910.00 TO LINE 1 FOR ADDITIONAL ABATEMENT; NEW PO AMOUNT $187,605.00; NV 2-18-16
.

Authorized Signature

State of Oklahoma
Office of Management and Enterprise Services
Division of Capital Assets Management
Construction and Properties

Change Order Request
(Multiple Line/Multiple Dist.)

To: ☒ CONSTRUCTION & PROPERTIES
☐ REAL ESTATE AND LEASING SERVICES

PEOPLESOFT REQUISITION # 2920004679
PURCHASE ORDER # 2929020694
CONTRACT ID # EN16004-07
CHANGE ORDER # 1
OMES BUYER: Stacey Haines (090)

RECEIVED
FEB 17, 2016
Capital Assets Management
Construction and Properties

BUSINESS UNIT #:	**AGENCY:**	**AGENCY REQ #**
29200	Dept. of Environmental Quality	

PeopleSoft Vendor ID # 000074805

Name & Address:
Tec An, Inc
2517 S. Purdue
Oklahoma City, OK 73128

Notify Vendor: Yes ☒ No ☐

Detailed justification for change is required:
During the abatement it was discovered that a previous abatement had not been performed to today's standards increasing the amount of additional material to be abated. "This purchase is authorized under the letter of blanket approval signed by the Secretary of Energy and Environment and on file with the OMES.

Line Item #	Item ID Description		From	To	Net Change (+ or -)
1	1000013607	Unit Quantity	1	1	0
Schedule #		Unit of Measure	ja	ja	
		Unit Price	$156,695.0000	$187,605.0000	$30,910.0000
1		Total Line Item Amount	$156,695.0000	$187,605.0000	$30,910.0000

Funding Summary:

Dist Line #	Amount	Program Code	Account	Sub Acct	Fund Type	Class Funding	Dept	Bud Ref	CFDA	Operating Unit	Difference (+ or – or same)
1	187605.00	29200	561140	10	1000	20000	6100001	16			+$30,910.00

Line Item #	Item ID Description		From	To	Net Change (+ or -)
		Unit Quantity			0
Schedule #		Unit of Measure			
		Unit Price			$0.0000
		Total Line Item Amount	$0.0000	$0.0000	$0.0000

Funding Summary:

Dist Line #	Amount	Program Code	Account	Sub Acct	Fund Type	Class Funding	Dept	Bud Ref	CFDA	Operating Unit	Difference (+ or – or same)

New Purchase Order Total:
$187,605.00

Division of Capital Assets Management Processed By:

Date:

Signature of Person Requesting Change:

Phone: 405/702-1166 Date: 2/16/16

E-Mail: Kendall.Kelton@deq.ok.gov

Signature of Agency Approving Authority:

Phone: 405/702-1168 Date: 2/17/16

E-Mail: Mathew.Hamrick@deq.ok.gov

Memorandum

February 16, 2016

To: Kendall Kelton, Contracting Agent

Through: Tiffany Schwimmer, Budget Analyst 2/16/16

Through: Mary Johnson, Secretary in forms

Through: Kelly Dixon, Division Director

Through: Dustin Davidson, SCAP Manager DD

Through: Aron Samwel, Brownfields Manager a.s.

From: Rachel Francks, Environmental Programs Specialist

Re: Change Order for The Former Durant Middle School (PO# 2929020694/DCS Project #EN16004-07)

During the abatement currently being conducted on Former Durant Middle School (owned by the Durant Independent School District) Tec-An noticed additional suspect materials that were not indicated as being asbestos containing in the Scope of Work. Additional sampling conducted by Enercon identified significant additional areas of tile and or mastic that are considered asbestos containing. Based on the proposed future use abatement will be required.

Attached is a Change Order Form with Proposal listing the additional tasks and estimated cost increase.

The proposal is asking to increase the cost of the project by **$30,910.00.**

Additional information will need to be entered on the Change Order Form by the Finance Department and Contracting Department.

Tec-An, Inc
Technical Environmental Consulting & Analysis

February 10, 2016

Oklahoma Department of Environmental Quality
707 N Robinson
Oklahoma City, OK
Attn: Rachel Franks
Re: Additional Floor Tile and Mastic

The following outlines the additional asbestos containing floor tile and mastic found on the 1st and 2nd floors of the Durant Middle School located at 410 North 6th Ave. Durant, OK. An additional 10,250 square feet of floor tile was discovered within the 1st and 2nd floors of the Middle School. The cost below also includes the additional ramp removal and the selective demolition in the second floor restroom in the center corridor to access the pipe insulation above the restroom.

Tec-an Inc. can remove the additional floor tile for the following costs.

1.	**Additional Removal**	**$28,185.00**
2.	**Hotel and Per Diem**	**$ 2,725.00**
3.	**Total**	**$30,910.00**

The additional work for the project will take approximately 7-8 work days to complete.

All applicable federal and State of Oklahoma requirements will be followed during this project. Only trained personnel will be allowed within the work area.

Please advise of approval status.

Respectfully

Grayson Cook Tec-An, Inc.

Tec-An, Inc / 2517 S. Purdue, OKC, OK 73128 / Ph) 405-681-7076 / Fx) 405-681-7256 / info@tec-an.com / www.tec-an.com

Final Remediation Reports

ENERCON
Excellence—Every project. Every day.

CERTIFICATE OF VISUAL INSPECTION
FOR THE REMOVAL OF ASBESTOS-CONTAINING BUILDING MATERIALS

FORMER DURANT MIDDLE SCHOOL
410 NORTH 6TH AVENUE
DURANT, OKLAHOMA

Project Name:	Asbestos Removal, Durant, OK, Former Durant Middle School
ENERCON Project No:	ODEQ 023
Project Description:	Abatement of Friable Asbestos-containing Building Materials
Abatement Contractor:	Tech-An, Inc.
Inspector:	Ben Baggett (OK License 143990)

This is to certify that the asbestos-containing building materials identified in the Project Design, and subsequent addenda, as applicable, appear to have been properly removed in accordance with governing rules and regulations and that the measured fiber concentrations present in the building following abatement activities were below Oklahoma's permissible exposure limits for airborne asbestos. The foregoing findings are based on the analytical results of air sampling performed during and after abatement, the visual final acceptance inspection of the areas abated, and the inspector's professional judgment. The information contained in this report represents conditions that exists at the time of this assessment. ENERCON does not warrant the services of regulatory agencies, laboratories, or other third parties supplying information that may have been used in the preparation of this certification.

Please find the following attached documents relating to this project:

- Asbestos Abatement Project Design & Scope of Work
- NESHAP[1] pre-demolition notification;
- ODOL inspection forms; and
- Air samples analytical results.
- Waste Manifests

J. Hunter Henrie
AHERA Asbestos Inspector OK401011

June 10, 2016
Date

[1] National Emission Standards for Hazardous Air Pollutants

ASBESTOS ABATEMENT PROJECT DESIGN
FORMER DURANT MIDDLE SCHOOL
410 NORTH SIXTH AVENUE
DURANT, OK

A. **INTRODUCTION:** This Project Design was prepared by Enercon Services, Inc., in order to provide a prudent course of action for abatement of asbestos-containing materials in preparation for demolition. Protocols to be used are for compliance with governing regulations to protect contractor personnel from incidental exposure to airborne asbestos fibers during abatement.

B. **PROJECT INFORMATION:**

1. Project Name: Asbestos Abatement, Former Durant Middle School, Durant, OK
2. Description of Work/Occupancy: The work involves removal of approximately 210 asbestos-containing fittings on fiberglass lines, 9 roof drain pipe hanger inserts, 3 linear feet of asbestos foam tape, 20 linear feet of woven asbestos vibration isolation gasket and 100 cubic feet of contaminated soil in a pipe tunnel. The building is vacant and will be renovated following abatement.
3. Project Type: Renovation.
4. Contractor: To be determined by Owner.
5. Industrial Hygiene/Air Monitoring Firm: To be determined by Owner.
6. Analytical Laboratory: To be determined by Owner.

C. **REGULATORY COMPLIANCE (1):** The work involves abatement of asbestos-containing fitting insulation, pipe hanger inserts, asbestos foam tape, a vibration isolation gasket and contaminated soil in a pipe tunnel. The specific governing regulations affecting this work include, but are not limited to, 29 CFR 1926.1101 (OSHA Construction Industry Asbestos Standard), 29 CFR 1910.134 (OSHA Respiratory Protection), 40 CFR 61, Subpart M (Asbestos NESHAP) and OAC 380:50 (Oklahoma Rules for Abatement of Friable Asbestos). Waste transport and disposal is to be provided by an Oklahoma-licensed asbestos waste transporter with a waste disposal manifest/chain of custody signed by the receiving landfill. DOT Class 9 placards are to be displayed during transportation of asbestos waste.

D. **WORK SEQUENCING/SCHEDULING (2):** The work will be done in one phase, with multiple tasks. The work will be scheduled by the abatement contractor in coordination with the Owner. All work will be planned for normal work hours.

E. **EGRESS AND FIRE PROTECTION (3):** From the basement mechanical room, in the event emergency evacuation is necessary, the primary exit will be up the stairs and out through the decon and out the breezeway exit. On the first floor, the primary exit will be through the decon and out through the breezeway exit. On the second and third floors, the primary exit path will be down the nearest stairs to the first floor and out through the decon and the breezeway exit. Secondary exit will follow a similar path, but exit through the loadout. Workers will be briefed on emergency exit procedures and the assembly point at the beginning of the work shift. No special fire protection measures are required. One 10#ABC fire extinguisher will be placed in the vicinity of active work on

each floor and moved as work progresses; one will also be set at the decon and one at the loadout on the first floor. Battery-backed up emergency lighting will be provided at the decon and loadout, as well as at the tunnel stairway.

F. MATERIALS TO BE ABATED (4):

1. Description: The asbestos material to be abated consists of asbestos-containing fitting insulation, pipe hanger inserts, asbestos foam tape, a vibration isolation gasket and contaminated soil in a pipe tunnel.

2. Amount and Location of Asbestos-Containing Materials (ACM): Approximately 210 asbestos-containing fittings on fiberglass lines, 9 roof drain pipe hanger inserts, 3 linear feet of asbestos foam tape, 20 linear feet of woven asbestos vibration isolation gasket and 100 cubic feet of contaminated soil in a pipe tunnel. The fittings and hanger inserts contain 15-20% Chrysotile, the foam tape contains 20% Chrysotile, the vibration isolation gasket contains 60% Chrysotile and the contaminated soil contains debris from the fittings. The laboratory report excerpts are attached.

G. ASBESTOS ABATEMENT METHODS (5): The work will be divided into two work tasks. Task 1 will involve abatement of the fitting insulation outside the pipe tunnel, asbestos foam insulation in the basement and pipe hanger inserts on the second floor will be done by glove-bagging using critical barriers and drop cloths. Selective demolition will be necessary for access to piping inside walls and restroom chases. The contractor will remove all uncontaminated demolition waste from the building and place in a dumpster or other waste container for disposal as construction/demolition waste. Task 2 will include abatement of fittings in the pipe tunnel using gross removal procedures with cleanup of the contaminated soil using wet manual procedures. Access openings will be cut through the concrete floor as deemed appropriate to provide adequate access to the tunnels for abatement. Pop-ups will be placed at the tunnel entrance in the basement and at openings cut through the floor to enable adequate access into the pipe tunnel. An AFD will be set outside a pop-up to provide negative pressure inside the tunnel for abatement. The tunnel will be checked for safe carbon monoxide and oxygen levels prior to entry by workers each day when work in the tunnel is being done. A manometer will be used to monitor negative pressure inside the tunnel containment. A remote decon and loadout will be used for all abatement, as there is insufficient space in the basement to erect a decon. Loadout of bagged waste will be through the pop- ups. Accumulated waste will be double-bagged and sealed with a generator label inside. Waste will be removed through the loadout and placed in a poly-lined disposal trailer for transport to the disposal landfill. See attached layouts for the location of the materials to be abated and other relevant items.

H. ASBESTOS AIR MONITORING/RESPIRATORY PROTECTION (6,7): No background air samples will be collected. Personal air monitoring and respiratory protection will not be required while installing critical barriers, setting up the decon/loadout and preparing the loadout trailer to receive the waste. Full-body protective clothing and full-face, APR with HEPA-cartridges will be worn during interior demolition required for access to the asbestos for abatement. The decon will be set up and operational prior to commencement of demolition that could damage the fitting insulation. Full-body protective clothing and half-face APR may be worn during handling of bagged/wrapped waste from the loadout to the disposal trailer. Personal air samples will be collected on a minimum of two workers or 25% during abatement and prep work requiring respiratory protection. One inside area air monitor will be placed inside the work area on each floor when active abatement is in progress in each area and moved with the crew as work progresses on that floor. One outside area

monitor will be set outside the decon clean room. No monitors will be set outside critical barriers as the building will be vacant during abatement. One area air sample will be collected along the loadout path during loadout. Five PCM clearance air samples will be collected in the pipe tunnel and five PCM clearance air samples will be collected on each floor and the basement/tunnel following completion of abatement and satisfactory visual inspection. The building is not expected to be used as a school building following abatement; therefore, TEM clearances will not be collected.

I. **LABORATORY CERTIFICATIONS:** The laboratory to be used for analysis of personal and area asbestos air samples is to be determined by the Owner. All air samples will be collected by an Asbestos Air Monitoring Technician authorized to collect and analyze air samples in Oklahoma.

J. **CONTAINMENT METHODS (8, 9):** Glove-bag abatement with critical barriers and drop cloths in all areas except the tunnel, which will be abated using gross removal procedures. Asbestos barrier tape or signs will be used at the decon/loadout and critical barriers at other potential entrances to the work areas to restrict access. The building is to remain locked when contractor personnel are not on site to control access. Power and water are available from existing outlets in the building. Water to the decon shower will be shut off at the source when contractor personnel are not on site. Electrical power inside the tunnel and within arms' reach of glove-bags will be shut down, locked out and tagged out. An AFD will be used to provide air flow through the decon and will be monitored when it is in use.

K. **DECONTAMINATION SYSTEM (10):** A worker decontamination facility will be set in the breezeway between the 1919 and 1964 buildings. Workers will use double-suit procedures when exiting a pop-ups and proceeding to the decon. For work outside the tunnel, workers will proceed directly to the dirty room of the decon. When entering the decon, workers are to remove their soiled suit in the dirty room, enter the shower with only their respirator on, remove their respirator and shower with soap and water. After rinsing their body and respirator, they are to proceed into the clean room to dry off, put on their street clothes, clean their respirator and store it for subsequent use. The clean room is to be kept tidy at all times. Lighting for the work areas will be provided by the abatement contractor as necessary with power obtained outside the work area and routed through GFCI pigtails into the work area and to the decon shower pump. Procedures set forth in OAC 380:50-15-7, 8 and 12 are to be followed. Battery-powered emergency lighting will be provided at the decon, loadout, basement stairs tunnel pop-ups to provide sufficient lighting in the event of loss of electrical power for the primary lighting.

L. **CONTAMINATED SOIL (11):** Contaminated soil is to be wetted, placed in a disposal bag, removed from the pipe tunnel and double-bagged for disposal. Following removal of the fitting insulation, all visible asbestos debris is to be removed from the soil floor of the tunnel along with a minimum of the top two inches of soil and bagged. The tunnel will be gridded and nine soil samples collected from the soil in the tunnel. Should any of the samples contain greater than 1% asbestos, an additional two inches of soil will be removed from the area where the contaminated soil was present, and that area re-sampled. This process will continue until all samples collected contain 1% or less asbestos. Once the contaminated soil is removed and satisfactory soil test results are available, the contractor will schedule a visual inspection. Following a satisfactory visual inspection, the tunnel area will be locked down using a tinted lockdown encapsulant.

M. **DAMAGE PROTECTION (12):** The abatement contractor will limit damage to that required for access to the asbestos being abated.

N. **VARIANCES REQUESTED (13):** A variance is requested to use a remote decon for the tunnel abatement as there is insufficient space in the boiler room to set up a decon facility.

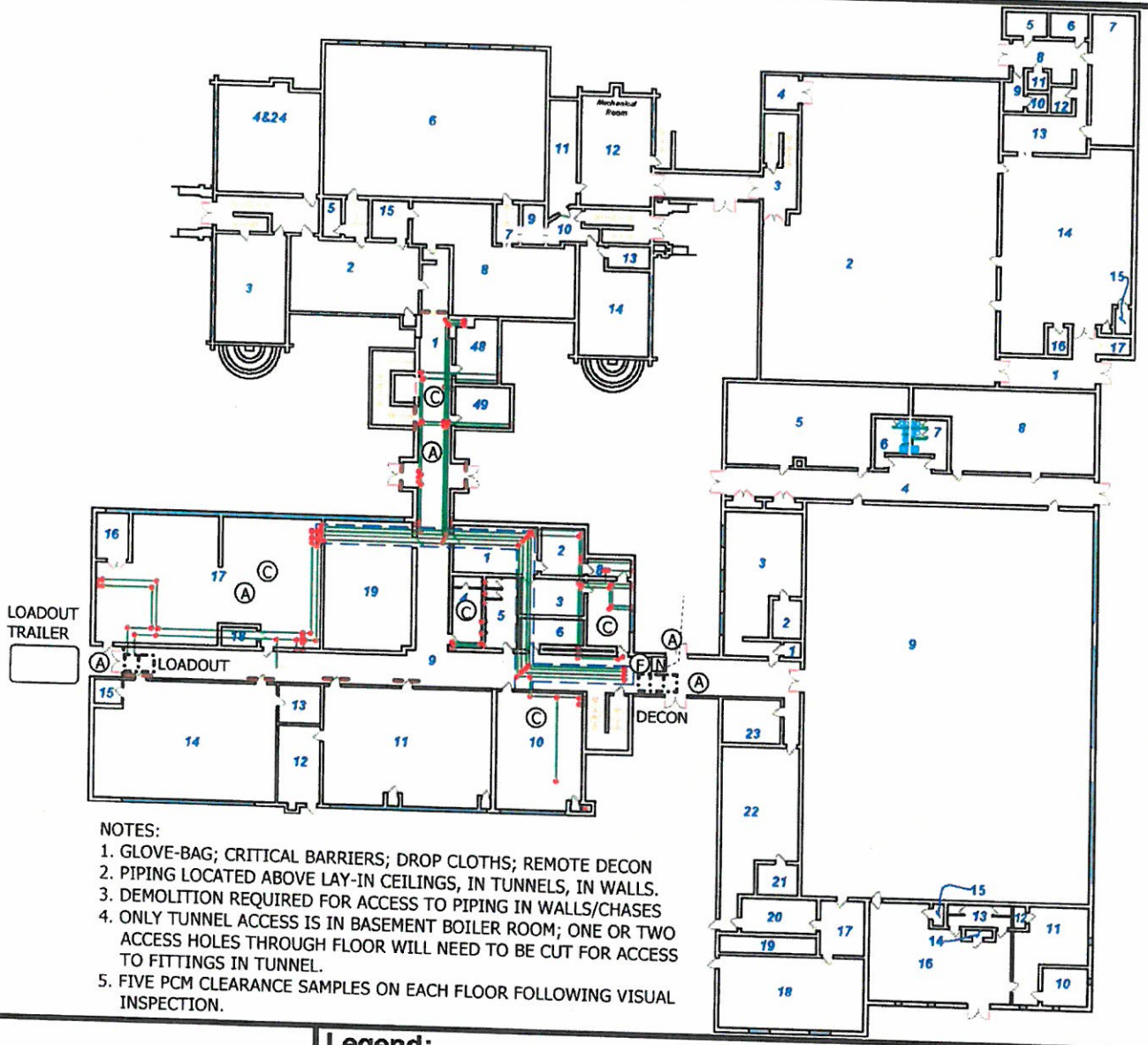
O. **INSPECTIONS:** ODOL is expected to conduct a prep inspection, a visual inspection and a final inspection following completion of abatement. ODOL may combine or eliminate one or more of these inspections at their discretion.

P. **CERTIFICATION:** This design was prepared by the undersigned for compliance with applicable federal and State regulations.

07/10/2014.

Bill Muenker
Asbestos Project Designer, OKPD-140007

Date



NOTES:

1. GLOVE-BAG; CRITICAL BARRIERS; DROP CLOTHS; REMOTE DECON
2. PIPING LOCATED ABOVE LAY-IN CEILINGS, IN TUNNELS, IN WALLS.
3. DEMOLITION REQUIRED FOR ACCESS TO PIPING IN WALLS/CHASES
4. ONLY TUNNEL ACCESS IS IN BASEMENT BOILER ROOM; ONE OR TWO ACCESS HOLES THROUGH FLOOR WILL NEED TO BE CUT FOR ACCESS TO FITTINGS IN TUNNEL.
5. FIVE PCM CLEARANCE SAMPLES ON EACH FLOOR FOLLOWING VISUAL INSPECTION.

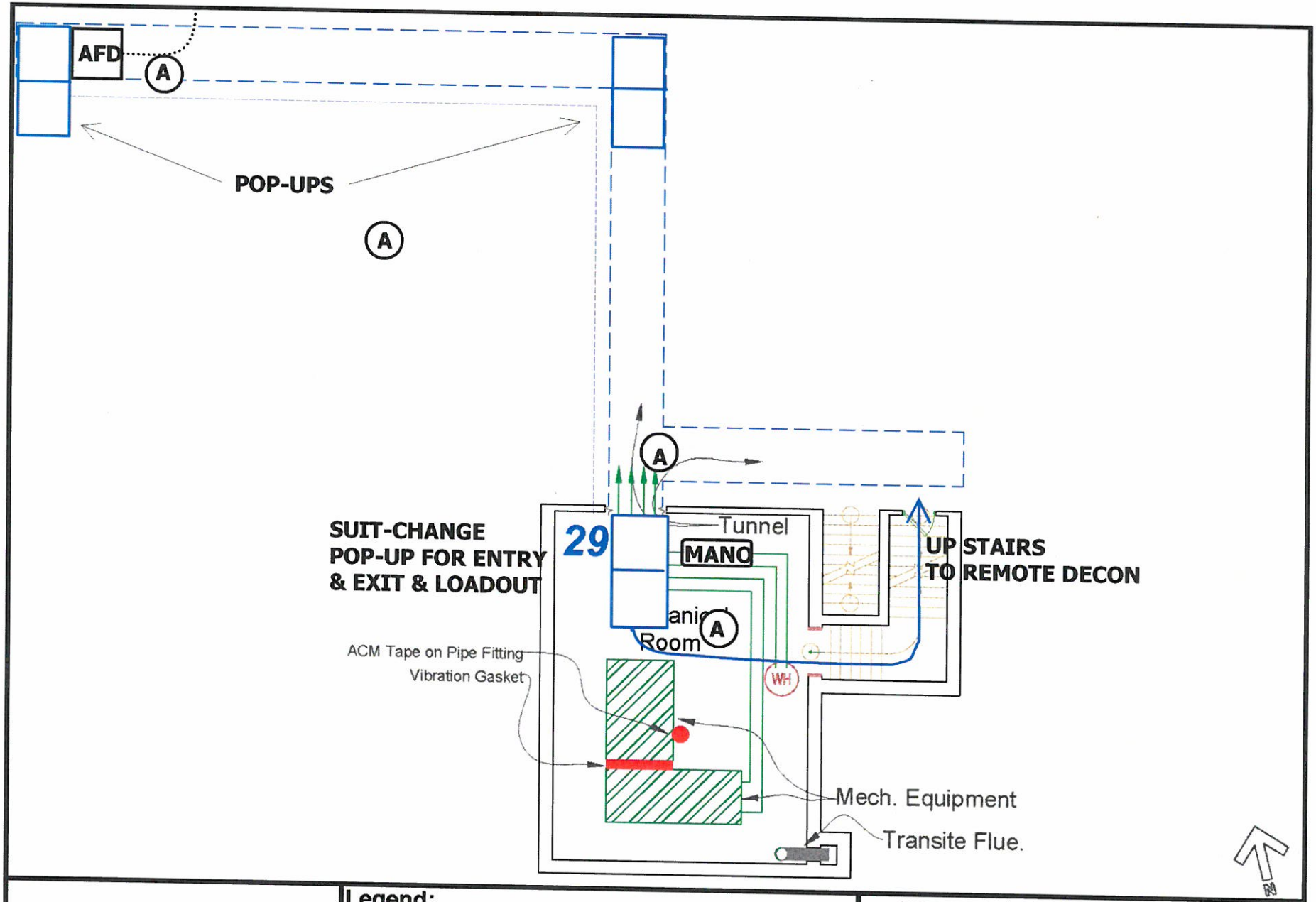
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

- =Asbestos Fitting on Fiberglass line @ 140 Each
- =Tunnel
- =Critical Barrier

ENERCON

GLOVE-BAG FITTINGS
TUNNEL & FIRST FLOOR



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

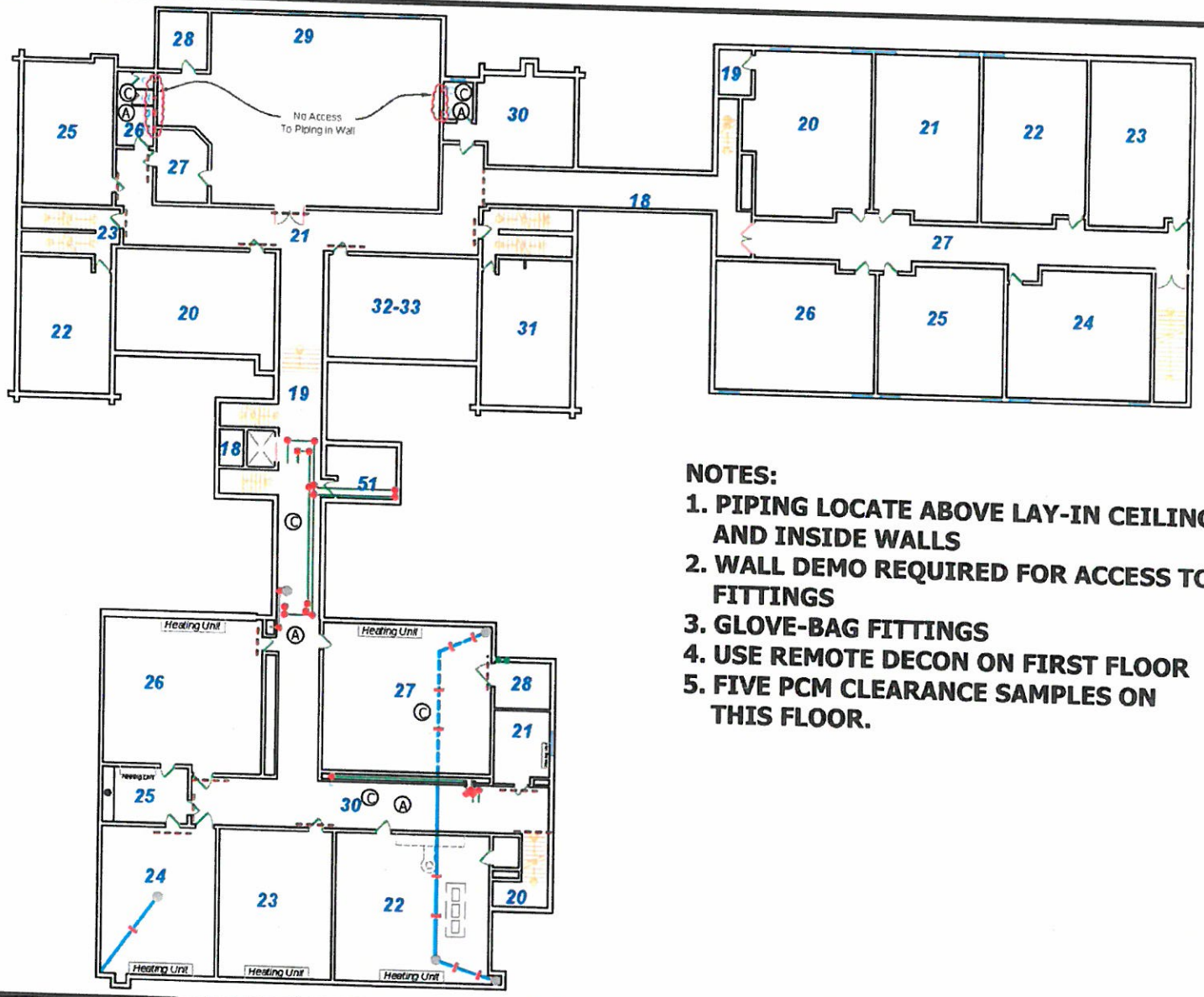
= Vibration Gasket @ 20 LF

= Insulated Tape on Pipe Fitting @ 3 LF

= Transite Sleeve @ 52 SF

ENERCON

Basement
Asbestos Locations



NOTES:

1. PIPING LOCATE ABOVE LAY-IN CEILINGS AND INSIDE WALLS
2. WALL DEMO REQUIRED FOR ACCESS TO FITTINGS
3. GLOVE-BAG FITTINGS
4. USE REMOTE DECON ON FIRST FLOOR
5. FIVE PCM CLEARANCE SAMPLES ON THIS FLOOR.

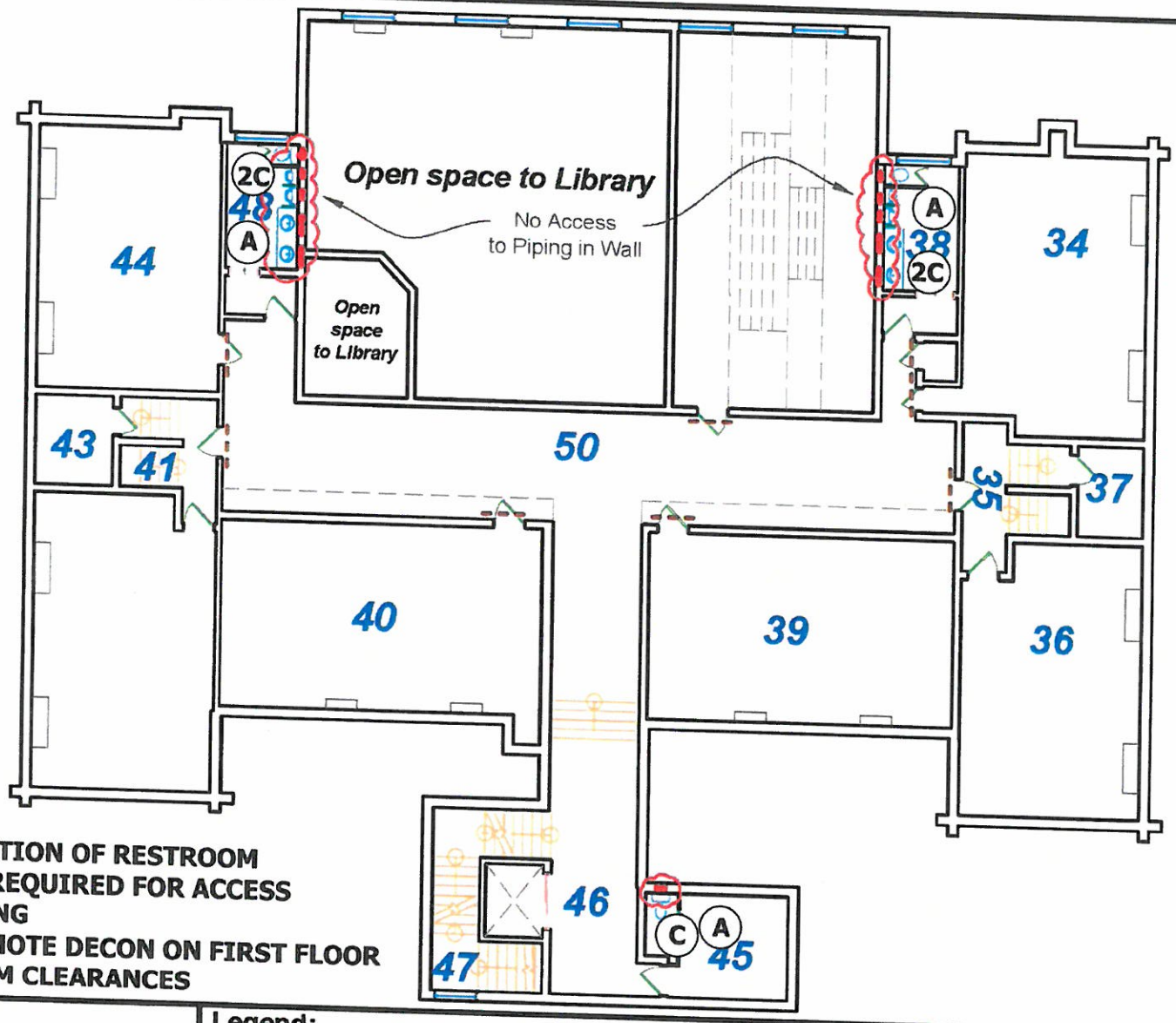
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

- = Roof Drain Lines
- = Roof Drain Line Path Assumed
- = Roof Drain Pans
- = Asbestos Containing Hangers @ 9 Each
- = Asbestos Fittings Approximately 40 Each
- =Critical Barriers

ENERCON

GLOVE-BAG FITTINGS
SECOND FLOOR



NOTES:

1. **DEMOLITION OF RESTROOM WALLS REQUIRED FOR ACCESS TO PIPING**
2. **USE REMOTE DECON ON FIRST FLOOR**
3. **FIVE PCM CLEARANCES**

Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

●=Presumed Asbestos Fitting Locations @ 30 Each

- - - =Critical Barrier

ENERCON

GLOVE-BAG FITTINGS
THIRD FLOOR

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 231174
Account Number: A845
Date Received: 01/24/2014
Received By: Joanna Mueller
Date Analyzed: 01/24/2014
Analyzed By: Gayle Ooten
Methodology: EPA/600/R-93/116

Client: Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
005a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 99	Binder
006	1964-29-1B	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 70	Tar
006a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 99	Binder
007	1964-29-1C	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose 70	Tar
007a		Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 99	Binder
VIG	008	1964-29-2A	Homogeneous	White Gasket	Asbestos Present Chrysotile 60	Cellulose 30	Binder
TAPE	009	1964-29-3A	Layered	Black Mastic	Asbestos Present Chrysotile 20	NA	Tar CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QUANTEM® LABORATORIES

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

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Methodology: EPA/600/R-93/116

Project: Durant Middle School
Project Location: Durant, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
016	1919-01-6A	Homogeneous	White Insulation	Asbestos Present Chrysotile 20	Glass Fiber	25	CaCO3 Binder
017	1919-01-6B	Homogeneous	White Insulation	Asbestos Present Chrysotile 20	Glass Fiber	20	CaCO3
018	1964-17-7A	Homogeneous	Gray Insulation	Asbestos Present Chrysotile 20	Glass Fiber	20	CaCO3
019	1964-09-7B	Homogeneous	White Insulation	Asbestos Present Chrysotile 15	Glass Fiber	20	CaCO3
020	1964-17-8A	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar
020a		Layered	Pink Insulation	Asbestos Not Present	Glass Fiber	99	Binder
021	1964-17-8B	Layered	Black/Brown Tar Paper	Asbestos Not Present	Cellulose	75	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

SCOPE OF WORK
NON-FRIABLE ASBESTOS ABATEMENT
FORMER DURANT MIDDLE SCHOOL
410 NORTH SIXTH AVENUE
DURANT, OKLAHOMA

A. GENERAL: This project is for abatement of floor tiles and adhesive and Transite® materials in the former Durant Middle School, 410 N. 6th Avenue, Durant, Oklahoma in preparation for renovation of the building. The work involves non-friable asbestos abatement. The friable asbestos materials are addressed separately in a Project Design. The contractor performing this work shall be currently licensed by the Oklahoma Department of Labor (ODOL) as an asbestos abatement contractor. The areas where the abatement is to be done are vacant and are to be renovated.

B. REGULATORY COMPLIANCE: The contractor shall comply with applicable federal and State regulations governing the abatement of non-friable asbestos.

C. ITEMS OF WORK:

1) Remove and dispose of approximately 7,200 SF of floor tiles and adhesive.
2) Remove and dispose of approximately 15,340 SF of ACM adhesive only.
3) Remove and dispose of approximately 500 SF of ACM floor tiles and adhesive beneath carpet.
4) Remove and dispose of approximately 52 SF of Transite® flue in the basement mechanical room.
5) Remove and dispose of approximately 2,000 SF of Transite® panels in windows and exterior doorways that have been sealed (no layout provided).
6) Dispose of the floor tiles/adhesive and Transite® as asbestos waste and provide copies of waste disposal manifests signed by the receiving landfill. Carpeting removed for access may be left inside the building in nearby areas not being abated.
7) No replacement of materials removed is included in this Scope of Work. Where removal of Transite materials will leave uncovered openings into the building, temporary coverings of nylon-reinforced poly will be installed as a temporary protective measure. Replacement materials are to be installed by others unless contract documents indicate otherwise.

D. CONDITIONS OF WORK:

1) The work is in preparation for renovation of the building.
2) The work is to be scheduled by the Abatement Contractor in coordination with the Owner.
3) This project will not require a NESHAP notification as these materials are not regulated and the building is not being demolished. (A NESHAP notification will be necessary for abatement of friable materials that exceed the NESHAP threshold limits.)
4) Power is available in the building; water and wastewater disposal points are available in the restrooms and janitor closets.
5) The Abatement Contractor will not have access to areas of the building where no abatement is being performed.
6) The contractor shall provide a valid Negative Exposure Assessment (NEA) to the Owner prior to commencement of removal of the floor tiles/carpet and adhesive and Transite®. If a valid NEA is not available, personal air monitoring during removal of floor tiles/adhesive and Transite® will be

required to be performed by the Contractor to document potential personnel exposures during removal. The establishment of an NEA shall be at the contractor's expense and will involve a minimum of one full work shift of personal air monitoring.

7) During use of non-toxic mastic remover in the vicinity of the gymnasium, the area will be adequately sealed from the gymnasium using critical barriers and two or more AFDs set inside the work area to exhaust fumes from the mastic remover to minimize impact on individuals using the gymnasium.
8) Building security in the portions of the building where abatement is being performed will be maintained by the Contractor. The Contractor will ensure that the doors to the building are secured when departing the area.

E. ABATEMENT CONTRACTOR TO PROVIDE: The Abatement Contractor shall provide all labor, equipment, supplies, materials, waste transportation and disposal, etc. for the stated price for the work described herein. The contractor shall have determined the difficulties in prosecuting the work by a site visit and shall have taken these into consideration in the preparation of his bid. The Abatement Contractor will be responsible for safeguarding his equipment, supplies and any other items he has brought to the site. The Contractor will have the use of the restrooms in the building for use by his workers. The restrooms shall be maintained in a tidy condition insofar as it relates to use by contractor personnel.

F. OWNER TO PROVIDE: The Owner will provide the following in a timely manner in support of the Work:

1) Electricity, water and wastewater disposal from existing available outlets.
2) Access to the building and work areas.
3) Access to the restrooms for use by workers.

G. PERFORMANCE PERIOD: The work schedule for the abatement will be as stated in the contract documents.

H. WASTE DISPOSAL: Disposal of all asbestos waste shall be the responsibility of the Contractor. Proper disposal of asbestos-contaminated waste shall be accomplished at an EPA-approved disposal site and a legible copy of the waste manifests/chains of custody signed by the receiving landfill are to be provided to the Owner within 20 calendar days following completion of the work. Payment to the contractor will be contingent upon the Owner receiving these documents in legible form.

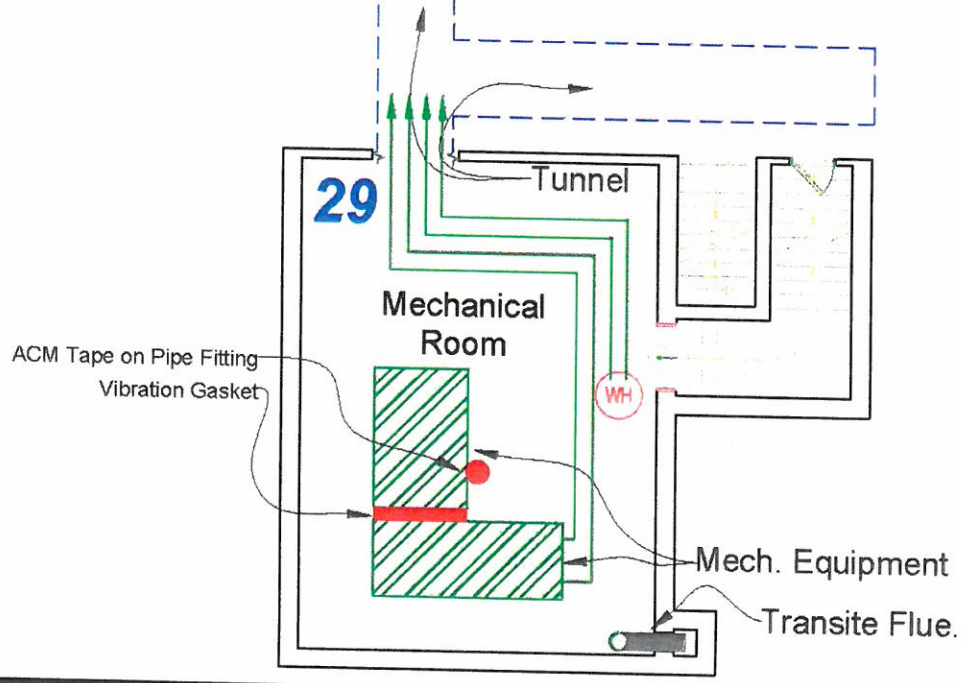
I. INSURANCE: As stated in the contract documents.

J. BONDS: As stated in the contract documents.

K. INVOICING: As stated in the contract documents.

Attachments

Non-friable Materials Removal Layouts



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

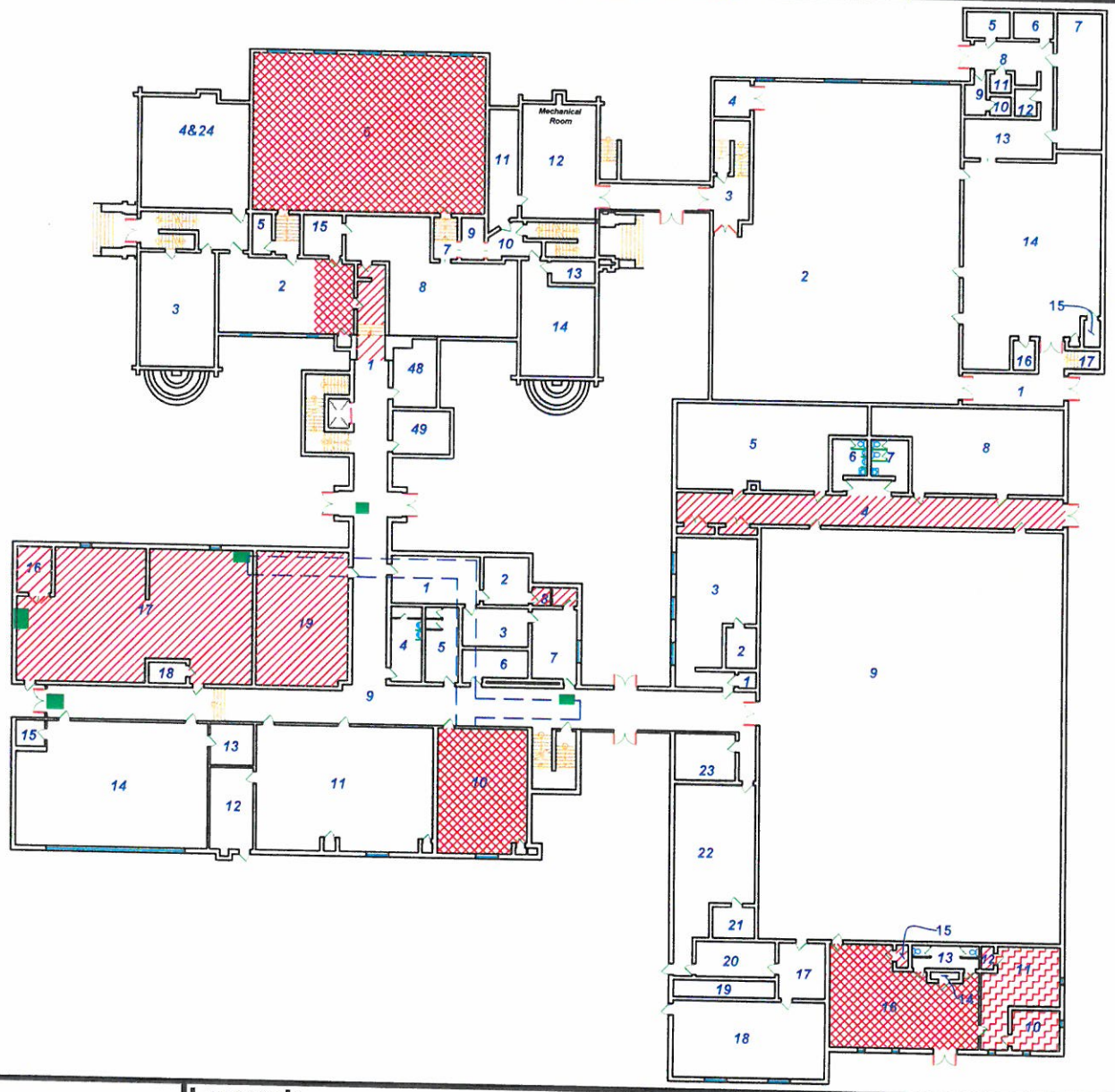
= Vibration Gasket @ 20 LF

= Insulated Tape on Pipe Fitting @ 3 LF

= Transite Sleeve @ 52 SF

ENERCON

Basement
Asbestos Locations



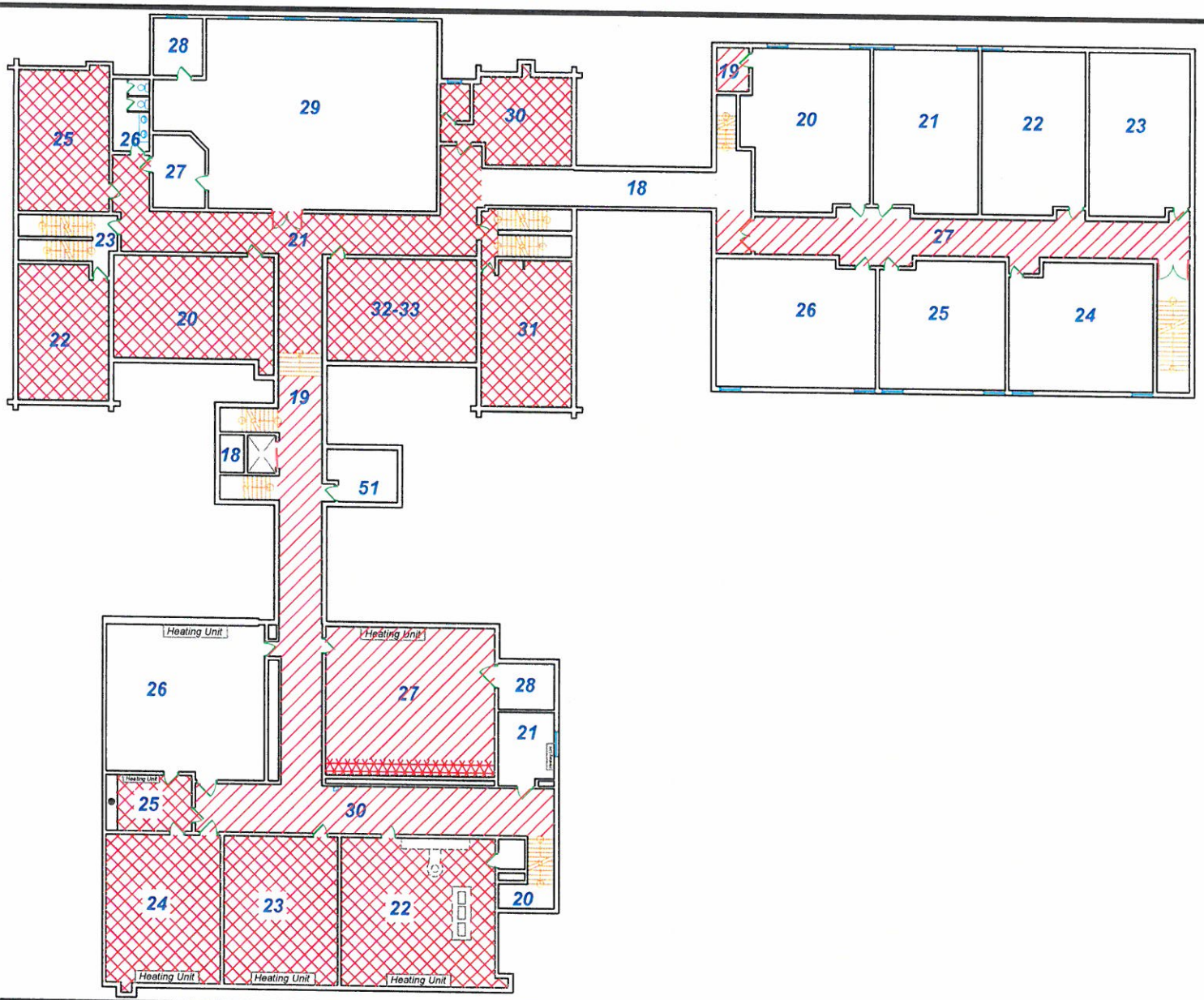
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
= Floor Tile and Mastic @ 3,640 SF
= ACM Mastic Only @ 4,100 SF
= Floor Tile and Mastic under Carpet @ 500 SF

ENERCON

First Floor Floor Tile Locations
Durant Middle School

5/01/2014



5/01/2014

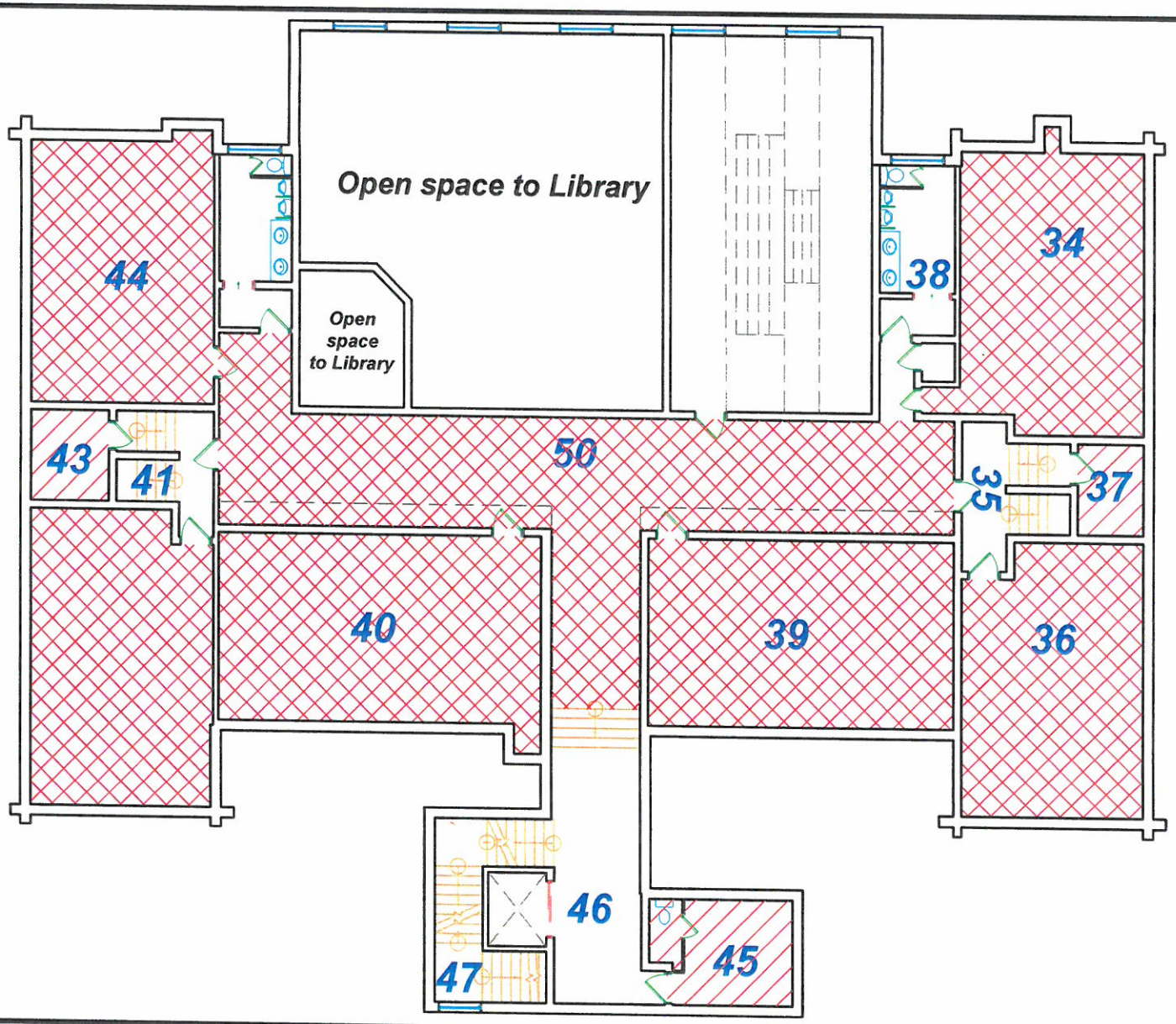
Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:

= ACM Floor Tile and ACM Mastic @ 3,250 SF
= ACM Mastic Only @ 7,340 SF
= ACM Mastic under negative Floor Tile @ 110 SF

ENERCON

Second Floor Floor Tile Locations
Durant Middle School



Durant Middle School
410 North 6th Ave, Durant, Ok.

Legend:
=Floor tile and mastic @ 250 SF
=Floor tile and mastic @ 3,900 SF

ENERCON

Third Floor Floor Tile Locations
Durant Middle School

RECEIVED

EPA NOTIFICATION OF DEMOLITION OR RENOVATION

OFFICE USE ONLY: DATE RECEIVED: JAN 26 2016 *JOB / PERMIT / ID NUMBER* _____

****

AIR QUALITY

I. FACILITY INFORMATION:

OWNER: Durant Public Schools PHONE NUMBER: (580) 775-4545

STREET ADDRESS: 1323 Waco St. CITY: Durant STATE: OK ZIP: 74701

FACILITY REPRESENTATIVE: Terri Bourn PHONE: (580) 775-4545

ASBESTOS ABATEMENT CONTRACTOR. TEC-AN, Inc.

STREET ADDRESS: 2517 S. Purdue CITY: Oklahoma City STATE: Oklahoma ZIP: 73128

REPRESENTATIVE: Donald J. Nist PHONE: (405) 681-7076

PAGER: ( ) NA MOBILE PHONE: (405) 740-7167

AIR MONITORING FIRM OR OTHER OPERATOR: Enercon Services

STREET ADDRESS: 1601 NW Expressway #1000 City: Oklahoma City STATE: OK ZIP: 73118

REPRESENTATIVE: Ed Pack PHONE: (405) 722-7693

II. TYPE OF NOTIFICATION: (**O** = ORIGINAL) OR (**R** = REVISED) O

III. TYPE OF OPERATION: (**D** = DEMOLITION) (**R** = RENOVATION) (**ER** = EMERGENCY RENOVATION): R

IV. IS ASBESTOS CONTAINING MATERIAL (ACM) PRESENT ? YES X NO _____ DON'T KNOW: _____

V. FACILITY / BUILDING DESCRIPTION (BE SPECIFIC AND DETAILED AS TO NAME, # FLOORS, EXACT ACM LOCATION, ROOM NUMBERS, ETC.)

FACILITY: Former Durant Middle School ADDRESS: 401 North 6th Ave.

CITY: Durant STATE: OK ZIP CODE: 74701 COUNTY: Bryan

WHERE IS ACM LOCATED? Floor Tile and Mastic, Pipe TSI Fittings, Transite

BUILDING SIZE: SQ. FT.: 68,000 AGE: 95 YRS. # FLOORS: 3

PRESENT USE: Vacant PREVIOUS USE: Middle School

VI. PROCEDURES USED TO DETERMINE PRESENCE OF ACM INCLUDING ANALYTICAL METHODS :

Bulk sampling utilizing OSHA protocol and PLM analysis

NAME OF EPA ACCREDITED INSPECTOR WHO PERFORMED INSPECTION AND SAMPLING INCLUDING AFFILIATION AND OKLAHOMA DOL LICENSE NUMBER:

Susan Thompson #13726

EPA NOTIFICATION OF DEMOLITION OR RENOVATION CONTINUED

VII. AMOUNTS OF REGULATED ASBESTOS CONTAINING MATERIAL (RACM) TO BE REMOVED; ALSO AMOUNTS OF CATEGORY I OR II MATERIALS WHICH (WILL) / WILL NOT BE REMOVED (circle one):

TSI Material – linear feet : 219 Fittings **Surfacing Material: Square Feet:**

CATEGORY I 24,592 - SQ. FT. ; **CATEGORY II** – .

VIII. SCHEDULED DATES OF ASBESTOS REMOVAL: **START:** February 1, 2016 FINISH: February 24,2016

IX. SCHEDULED DATES OF DEMO / RENO: START: FINISH:

X. DESCRIPTION OF THE PLANNED ASBESTOS REMOVAL TECHNIQUES TO BE EMPLOYED (e.g. gross removal , glove bagging, manual scrape, etc.)

Glove bagging for TSI, Manual Scrape for Floor Tile and Mastic

XI. DESCRIPTION OF THE CONTROLS AND WORK PRACTICES TO BE USED TO PREVENT ASBESTOS FIBER EMISSIONS (e.g. full containment with negative pressure, adequate wetting):

Central decontamination unit, , critical barriers, HEPA Filtration, wet removal

XII. LICENSED ASBESTOS WASTE TRANSPORTER: TEC-AN, Inc.

ADDRESS: 2517 S. Purdue Ave. CITY: Okla. City STATE: OK ZIP: 73128

REPRESENTATIVE: Donald J. Nist PHONE: (405) 681-7076

XIII. STATE PERMITTED ASBESTOS WASTE DISPOSAL SITE: Waste Connections

ADDRESS: 7600 SW 15th Street CITY: Oklahoma City STATE: OK ZIP: 73128

REPRESENTATIVE: Bryan PHONE: (405) 745-3002

XIV. IS DEMOLITION IS ORDERED BY A GOVERNMENT AGENCY? **YES:** NO: X

NAME OF AGENCY: REPRESENTATIVE:

DATE OF ORDER: DATE DEMOLITION IS TO START:

XV. IS THIS RENOVATION REQUIRED DUE TO AN EMERGENCY? **YES:** NO: X

DATE OF EMERGENCY: HOUR OF DAY EMERGENCY OCCURRED:

DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT CAUSING THE EMERGENCY: NA

EXPLANATION OF HOW THIS CAUSED 1) UNSAFE CONDITIONS; 2) SERIOUS DISRUPTION OF NORMAL BUILDING OPERATIONS; AND/OR 3) IMPOSES AN UNREASONABLE FINANCIAL BURDEN? (be specific and detailed):

NA

EPA NOTIFICATION OF DEMOLITION OR RENOVATION CONTINUED

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES FRIABLE (crumbled, pulverized, abraided, or reduced to powder, etc.):

Stop work, sample/analyze material using PLM, revise notification , and utilize approved removal techniques.

****

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR , PART 61, SUBPART M - NESHAP) WILL BE ON SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE OF HIS/HER TRAINING AND CERTIFICATION / LICENSING WILL BE AVAILABLE (OR BE POSTED) FOR INSPECTION DURING BUSINESS HOURS:

SIGNATURE OF OWNER / OPERATOR: _____ **DATE:** January 18, 2016

PRINTED NAME: Donald J. Nist

****

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT TO THE BEST OF MY KNOWLEDGE:

SIGNATURE OF OWNER / OPERATOR: _____ **DATE:** January 18, 2016

PRINTED NAME: Donald J. Nist

****

DEFINITION: OWNER OR OPERATOR: Any person who owns, leases, operates, controls, or supervises the facility being demolished or renovated or any person who owns, leases, operates, controls, or supervises the demolition or renovation, or both.

****

ADDITIONAL COMMENTS: _____

EPA NESHAP AUTHORITY: **OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY**
Air Quality Div., 707 N. Robinson, P.O. Box 1677
OKC, OK 73101-1677 ***or***
Tulsa Regional Office, 5051 S. 129th E. Ave., Tulsa, OK 74134-2842

NOTE: Please submit your Notification to the DEQ office closer to your job site.

TEC-AN, INC.
Technical Environmental Consulting And Analysis Inc.
2517 S. Purdue
Oklahoma City, OK 73128

RECEIVED
JAN 26 2016
AIR QUALITY

OKLAHOMA CITY
OK 730
JAN 25
Season's Greetings

UNITED STATES POSTAGE
PITNEY BOWES
02 1P $000.485
90J0624685 JAN 19 2016
MAILED FROM ZIPCODE 73128

OK DEQ Air Quality Div
PO Box 1677
OKC, OK 73101-1677

73101167777

Oklahoma Department of Labor
[redacted]
www.ok.gov/odol/

3017 North Stiles, Suite 100
Oklahoma City, OK 73105
405-521-6464 • 888-269-5353
Fax: 405-521-6025

ENTERED

Abatement Preparation Inspection Form

Abatement Project: Former Durant BS Middle School Date: 2-22-16 Time: 1345
Project No.: 14-7967 Phase: Task 1
Project Address/Location: 401 N. 6th Ave City: Durant Zip:
Contractor: TEC-AN Contact Person: Kenneth Nubine

A = Acceptable
D = Denied; must be correct and re-inspected before asbestos removal is begun
N/A = Not applicable to this project

X = Deficiencies which must be corrected before asbestos removal begins. If the only deficiencies are the "X" type, after correction, asbestos abatement may begin.
Beginning asbestos removal before the deficiencies are correct shall constitute a Serious Violation.

	A	D	N/A	X
(1) Work site barriers and warning signs	☑	☐	☐	☐
(2) Toilet facilities provided	☑	☐	☐	☐
(3) Worker licenses	☑	☐	☐	☐
(4) Emergency telephone #s	☑	☐	☐	☐
(5) OSHA forms, poster (min. wage, workers comp, equal opportunity)	☑	☐	☐	☐
(6) Air mon., results from prior phases, if applicable	☐	☐	☑	☐
(7) Respirator program and and project design on-site	☑	☐	☐	☐
(8) Current Fit Test	☑	☐	☐	☐
(9) NIOSH approved respirators, clean, parts in working order	☑	☐	☐	☐
(10) Electrical panel outside work area	☑	☐	☐	☐
(11) Electrical system in abatement area locked out/ tagged out	☑	☐	☐	☐
(12) Temporary wiring installed by licensed electrician LIC #: 81441	☑	☐	☐	☐
(13) Temporary panel boards properly grounded	☑	☐	☐	☐
(14) Ground fault interruption provided from outside work area	☑	☐	☐	☐
(15) Live electrical requirement met	☐	☐	☑	☐
(16) Extension cords in acceptable condition	☑	☐	☐	☐
(17) Equipment properly grounded	☑	☐	☐	☐
(18) De-con firmly constructed, opaque, with triple flaps	☑	☐	☐	☐
(19) Storage lockers for workers and ODOL inspectors' street clothes	☑	☐	☐	☐
(20) Shower with hot water supply, stable nonskid surface, lights	☑	☐	☐	☐
(21) Shower drains, filter, proper water disposal	☑	☐	☐	☐
(22) Soap from dispenser, and towels provided	☑	☐	☐	☐
(23) Hearing protection provided if required	☐	☐	☑	☐
(24) Hard hats provided, if required	☐	☐	☑	☐
(25) Appropriate footwear/safety shoes provided, if required	☑	☐	☐	☐
(26) Ventilation serving or passing through the abatement area deactivated	☑	☐	☐	☐
(27) Critical barriers in place	☐	☐	☐	☒
(28) Neg. air quantity and pressure drop, ~~confirmed on-site with recording manometer~~ de-Con	☑	☐	☐	☐
(29) Neg. air machine(s) have properly installed filters, clean pre-filters	☑	☐	☐	☐
(30) Prep. work secure with negative air on	☑	☐	☐	☐
(31) Make-up air sources provide adequate circulation and air cleaning	☑	☑	☐	☐
(32) Access controlled	☑	☐	☐	☐
(33) Scaffolding over 10' high has 42" side rails and 4" toe boards	☐	☐	☑	☐
(34) Scaffolding from 4' to 10' high, but less than 42" wide, has side rails	☐	☐	☑	☐
(35) Scaffolding with people working under has mesh or solid barrier on platform	☐	☐	☑	☐
(36) Scaffolding floorboards in good condition and secured	☐	☐	☑	☐
(37) Aerial lifts have full-body harness with shock lanyards	☐	☐	☑	☐
(38) Ladders are non-conducting and stable	☑	☐	☐	☐
(39) Heat stress monitors in place	☐	☐	☑	☐
(40) HEPA vacuum is clean with filters properly installed	☑	☐	☐	☐
(41) Temporary lighting is adequate and properly wired and grounded	☑	☐	☐	☐
(42) 10 # ABC fire extinguishers inspected	☑	☐	☐	☐
(43) Adequate escape routes are properly marked and illuminated with emergency lighting and battery back-up	☑	☐	☐	☐
(44) Acceptable amended water sprayers and chemicals provided	☑	☐	☐	☐
(45) Load-out sealed unless needed for make-up air	☑	☐	☐	☐
(46) Disposal bags and/or barrels provided and properly labelled	☑	☐	☐	☐
(47) Disposal vehicle properly lined	☑	☐	☐	☐
(48) Area monitoring locations identified	☑	☐	☐	☐
(49) Other	☐	☐	☐	☐

125 # OF GLOVEBAGS # OF FULL CONTAINMENTS # OF MINI CONTAINMENTS

Recommendations & Remarks: (27) Two critical barriers need to be finished.
Prep Accepted for Task 1 only.
Contractor must crawl tunnel to ~~se~~ final breach and seal up. Call for prep on tunnel & Visual/Final on glovebags.

Orders:
☐ Imminent Danger

Inspector's Signature

Kenneth C Nubine
Contractor's or Representative's Signature

White Copy: ODOL Yellow Copy: Consultant Pink Copy: Contractor/Owner

Oklahoma Department of Labor
[redacted]
www.ok.gov/odol/

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3017 North Stiles, Suite 100
Oklahoma City, OK 73105
405-521-6464 • 888-269-5353
Fax: 405-521-6025

Abatement Preparation Inspection Form

Abatement Project: Former Durant Middle School Date: B 2-29-16 Time: 1100
Project No.: 14-7967 Phase: Tunnel - Glovebags
Project Address/Location: 401 N. 6th Ave City: Durant Zip:
Contractor: TEC-AN Contact Person: Kenneth Nubine

A = Acceptable
D = Denied; must be correct and re-inspected before asbestos removal is begun
N/A = Not applicable to this project

X = Deficiencies which must be corrected before asbestos removal begins. If the only deficiencies are the "X" type, after correction, asbestos abatement may begin.
Beginning asbestos removal before the deficiencies are correct shall constitute a Serious Violation.

	A	D	N/A	X
(1) Work site barriers and warning signs	☑	☐	☐	☐
(2) Toilet facilities provided	☑	☐	☐	☐
(3) Worker licenses	☑	☐	☐	☐
(4) Emergency telephone #s	☑	☐	☐	☐
(5) OSHA forms, poster (min. wage, workers comp, equal opportunity)	☑	☐	☐	☐
(6) Air mon., results from prior phases, if applicable	☑	☐	☐	☐
(7) Respirator program and and project design on-site	☑	☐	☐	☐
(8) Current Fit Test	☑	☐	☐	☐
(9) NIOSH approved respirators, clean, parts in working order	☑	☐	☐	☐
(10) Electrical panel outside work area	☐	☐	☑	☐
(11) Electrical system in abatement area locked out/ tagged out. None	☐	☐	☑	☐
(12) Temporary wiring installed by licensed electrician. LIC #:	☐	☐	☑	☐
(13) Temporary panel boards properly grounded	☐	☐	☑	☐
(14) Ground fault interruption provided from outside work area. GFI Cord	☑	☐	☐	☐
(15) Live electrical requirement met	☐	☐	☑	☐
(16) Extension cords in acceptable condition	☑	☐	☐	☐
(17) Equipment properly grounded	☑	☐	☐	☐
(18) De-con firmly constructed, opaque, with triple flaps	☑	☐	☐	☐
(19) Storage lockers for workers and ODOL inspectors' street clothes	☑	☐	☐	☐
(20) Shower with hot water supply, stable nonskid surface, lights	☑	☐	☐	☐
(21) Shower drains, filter, proper water disposal	☑	☐	☐	☐
(22) Soap from dispenser, and towels provided	☑	☐	☐	☐
(23) Hearing protection provided if required	☑	☐	☑	☐
(24) Hard hats provided, if required	☐	☐	☑	☐
(25) Appropriate footwear/safety shoes provided, if required	☑	☐	☐	☐
(26) Ventilation serving or passing through the abatement area deactivated	☑	☐	☐	☐
(27) Critical barriers in place	☑	☐	☐	☐
(28) Neg. air quantity and pressure drop, ~~confirmed~~ on-site with recording manometer	☑	☐	☐	☐
(29) Neg. air machine(s) have properly installed filters, clean pre-filters	☑	☐	☐	☐
(30) Prep. work secure with negative air on	☑	☐	☐	☐
(31) Make-up air sources provide adequate circulation and air cleaning	☑	☐	☐	☐
(32) Access controlled	☑	☐	☐	☐
(33) Scaffolding over 10' high has 42" side rails and 4" toe boards	☐	☐	☑	☐
(34) Scaffolding from 4' to 10' high, but less than 42" wide, has side rails	☐	☐	☑	☐
(35) Scaffolding with people working under has mesh or solid barrier on platform	☐	☐	☑	☐
(36) Scaffolding floorboards in good condition and secured	☐	☐	☑	☐
(37) Aerial lifts have full-body harness with shock lanyards	☐	☐	☑	☐
(38) Ladders are non-conducting and stable	☑	☐	☐	☐
(39) Heat stress monitors in place	☐	☐	☑	☐
(40) HEPA vacuum is clean with filters properly installed	☑	☐	☐	☐
(41) Temporary lighting is adequate and properly wired and grounded	☑	☐	☐	☐
(42) 10 # ABC fire extinguishers inspected	☑	☐	☐	☐
(43) Adequate escape routes are properly marked and illuminated with emergency lighting and battery back-up.	☑	☐	☐	☐
(44) Acceptable amended water sprayers and chemicals provided	☑	☐	☐	☐
(45) Load-out sealed unless needed for make-up air	☑	☐	☐	☐
(46) Disposal bags and/or barrels provided and properly labelled	☑	☐	☐	☐
(47) Disposal vehicle properly lined	☑	☐	☐	☐
(48) Area monitoring locations identified	☑	☐	☐	☐
(49) Other	☐	☐	☐	☐

~~# OF GLOVEBAGS~~ 21 # OF FULL CONTAINMENTS # OF MINI CONTAINMENTS

Recommendations & Remarks: Prep Accepted for total of 21 Glovebags.

Orders:
☐ Imminent Danger

Inspector's Signature

Kenneth Nubine
Contractor's or Representative's Signature

White Copy: ODOL Yellow Copy: Consultant Pink Copy: Contractor/Owner

Oklahoma Department of Labor

[redacted]

Asbestos Division

3017 North Stiles, Suite 100
Oklahoma City, OK 73105
(405-521-6464) FAX (405-521-6025)

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Visual/Final Inspection Form

DOL Project #:	14-7967	2	29	16	1330
Facility:	Former Durant Middle School	**Month**	**Day**	**Year**	**Time**

Contractor #:	110157	**County #:**	7 **FY #:** 16
Address/Location:	401 N. 6th Ave	**Address City:**	Durant
Owner/Occupant:	Durant PS.	**Contractor:**	TEC-AN
Contact Name:	Terri Bourn	**Contractor's Rep.:**	Kenneth Nubine
Facility Phone #:	(580) 775-4545	**Contractor's Phone #:**	(405) 740-7167

1. Description of Area: Task 1 & 2 glovebags.

2. Areas requiring further cleaning: None

3. Air Counts (PCM/TEM) On-Site?: 5 PCM clearance samples accepted for 1st & 2nd floor. - Fax results for tunnel to ODOL.

4. DOL Recommendations: Run clearance samples in tunnel & fax results to ODOL.

5. Will a FINAL inspection be required?: This is final

6. Notes: Visual Accepted & Final accepted when clearance results are recieved & Accepted.

7. Note any violations cited: 380:50-

8. Contractor's Comments:

Inspector's Signature

Kenneth Nubine
Contractor's Signature

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Project: 410 NORTH SIXTH AVE

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	T Y P	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 10 Fiber Count	Field Count	Field of View = 0.00785 Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Pg. 1 Fibers Per CC	Det. Limit	OF 1 LCL	UCL
-	1	2/23/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
-	2	2/23/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
3648	3	2/23/16	8:00 AM 11:00 AM		RONNIE COLEMAN (401352 FFAPR) 2ND FLOOR GLOVE BAG REMOVAL	P	<0.01	2.50	2.40	2.45	12.0	100	180	441.0	15.287	**0.013**	**0.008**	**0.008**	**0.018**
661	4	2/23/16	8:00 AM 11:00 AM		JOHN BANKS (400392 FFAPR) 2ND FLOOR GLOVE BAG REMOVAL	P	<0.01	2.50	2.50	2.50	7.5	100	180	450.0	9.554	**0.008**	**0.008**	**0.005**	**0.008**
636	5	2/23/16	8:00 AM 11:00 AM	-	INSIDE AREA (1)AREA OF REMOVAL	A		2.50	2.30	2.40	3.0	100	180	432.0	3.822	**BDL**	**0.008**	**0.002**	**0.008**
538	6	2/23/16	8:00 AM 10:30 AM	- -	INSIDE AREA (2)AREA OF REMOVAL	A		2.50	2.40	2.45	2.5	100	150	367.5	3.185	**BDL**	**0.009**	**0.002**	**0.009**
654	7	2/23/16	8:00 AM 11:00 AM		INSIDE AREA (3)AREA OF REMOVAL	A		2.50	2.50	2.50	1.0	100	180	450.0	1.274	**BDL**	**0.008**	**0.001**	**0.008**
656	8	2/23/16	8:00 AM 4:45 PM		DECON NEG AIR EXTERNALLY VENTED	A		2.50	2.40	2.45	3.0	100	525	1286.3	3.822	**BDL**	**0.003**	**0.001**	**0.003**
XX	9	2/23/16	8:05 AM 4:50 PM	-	CLEAN ROOM CONTAINMENT EXIT	A		2.50	2.30	2.40	6.0	100	525	1260.0	7.643	**BDL**	**0.003**	**0.001**	**0.003**
662	10	2/23/16	8:00 AM 5:00 PM	- -	AFD EXTERNALLY VENTED INSIDE AREA	A		2.50	2.40	2.45	2.0	100	540	1323.0	2.548	**BDL**	**0.003**	**0.000**	**0.003**
HV182	11	2/23/16	3:30 PM 4:30 PM	- -	LOAD OUT WEST EXIGT OF BUILDING	A		2.50	2.50	2.50	2.0	100	60	150.0	2.548	**BDL**	**0.023**	**0.004**	**0.023**

ANALYST PARTICIPATING IN LAB AIHA-151368 NIOSH 7400 METHOD 7/1/2010
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter REV 1
Rotometer Number: MF-1
Calibration Date: 2/13/16

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Vincent Colbert
Location: 2ND FLOOR
Contractor: Tec-An Environmental
Project Number:

Enercon Services, Inc.
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Project: 410 NORTH SIXTH AVE

						T	Cass. Dia =	25 mm			PF =	10	Field of View =		0.00785	Pg.	1	OF	1
Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	Y P	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Det. Limit	LCL	UCL
-	12	2/23/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
-	13	2/23/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
3648	14	2/23/16	1:00 PM 4:30 PM		RONNIE COLEMAN (401352 PPAPR) PIPE TUNNEL GLOVEBAG PREP	P	<0.01	2.30	2.10	2.20	22.0	100	210	462.0	28.025	**0.023**	**0.007**	**0.015**	**0.032**
661	15	2/23/16	1:00 PM 4:30 PM		JOHN BANKS (400392 PPAPR) PIPE TUNNEL GLOVEBAG PREP	P	<0.01	2.30	2.20	2.25	19.0	100	210	472.5	24.204	**0.020**	**0.007**	**0.012**	**0.027**
538	16	2/23/16	1:00 PM 4:30 PM	-	INSIDE AREA PIPE TUNNEL GLOVEBAG PREP	A		2.30	2.10	2.20	26.0	100	210	462.0	33.121	**0.028**	**0.007**	**0.017**	**0.038**
654	17	2/23/16	1:00 PM 4:30 PM	- -	INSIDE AREA ADJACENT PIPE TUNNEL CONTAINMENT EXIT	A		2.30	2.30	2.30	32.0	100	210	483.0	40.764	**0.032**	**0.007**	**0.020**	**0.045**

ANALYST PARTICIPATING IN LAB AIHA-151368 NIOSH 7400 METHOD 7/1/2010
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter REV 1
Rotometer Number: MF-1
Calibration Date: 2/13/16

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Vincent Colbert
Location: BASEMENT PREP
Contractor: Tec-An Environmental
Project Number:

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Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	TYP	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Det. Limit	LCL	UCL
						Cass. Dia =		**25 mm**			**PF =**	**10**	**Field of View =**		**0.00785**	**Pg.**	**1**	**OF**	**1**
-	18	2/23/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	**NA**	**NA**	**NA**	**NA**
-	19	2/23/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	**NA**	**NA**	**NA**	**NA**
3648	20	2/23/16	8:00 AM 11:00 AM	12:00 PM 4:30 PM	RONNIE COLEMAN (401352 PPAPR) PIPE TUNNEL ABATEMENT	P	<0.01	2.40	2.30	2.35	25.0	100	450	1057.5	31.847	**0.012**	**0.003**	**0.007**	**0.016**
661	21	2/23/16	8:00 AM 11:00 AM	12:00 PM 4:30 PM	JOHN BANKS (400392 PPAPR) PIPE TUNNEL ABATEMENT	P	<0.01	2.50	2.40	2.45	36.0	100	450	1102.5	45.860	**0.016**	**0.003**	**0.010**	**0.022**
636	22	2/23/16	8:00 AM 4:45 PM	-	INSIDE AREA INSIDE AREA OF REMOVAL	A		2.30	2.30	2.30	19.0	100	525	1207.5	24.204	**0.008**	**0.003**	**0.005**	**0.011**
538	23	2/23/16	8:00 AM 5:00 PM	- -	INSIDE AREA CONTAINMENT EXIT	A		2.50	2.40	2.45	12.0	100	540	1323.0	15.287	**0.004**	**0.003**	**0.003**	**0.006**
654	24	2/23/16	8:00 AM 4:50 PM		DECON NEG AIR EXTERNALLY VENTED	A		2.40	2.30	2.35	3.0	100	530	1245.5	3.822	**BDL**	**0.003**	**0.001**	**0.003**
656	25	2/23/16	8:00 AM 4:45 PM		AFD EXHAUST EXTERNALLY VENTED	A		2.50	2.40	2.45	4.0	100	525	1286.3	5.096	**BDL**	**0.003**	**0.001**	**0.003**
XX	26	2/23/16	3:30 PM 4:50 PM	-	LOAD OUT WEST EXIT OF BUILDING	A		2.30	2.30	2.30	2.5	100	80	184.0	3.185	**BDL**	**0.019**	**0.004**	**0.019**

ANALYST PARTICIPATING IN LAB AIHA-151368 NIOSH 7400 METHOD 7/1/2010

NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter REV 1

Rotometer Number: MF-1

Calibration Date: 2/13/16

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Vincent Colbert
Location: PIPE TUNNEL
Contractor: Tec-An Environmental
Project Number:

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Project: 410 NORTH SIXTH AVE

						T	Cass. Dia =	25 mm			PF =	10	Field of View =		0.00785	Pg.	1	OF	1
Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	Y P	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Det. Limit	LCL	UCL
-	27	2/24/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
-	28	2/24/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
182	29	2/24/16	11:00 AM 1:00 PM		CLEARANCE DURANT MIDDLE SCHOOL 2ND FLOOR NORTH CLASSROOM	A		10.00	10.00	10.00	8.0	100	120	1200.0	10.191	0.003	0.003	0.002	0.003
376	30	2/24/16	11:00 AM 1:00 PM		CLEARANCE DURANT MIDDLE SCHOOL 2ND FLOOR NORTH WING HALLWAY	A		10.00	10.00	10.00	9.5	100	120	1200.0	12.102	0.004	0.003	0.002	0.003
1006	31	2/24/16	11:00 AM 1:00 PM	-	CLEARANCE DURANT MIDDLE SCHOOL 2ND FLOOR WEST HALL CLASSROOM	A		10.00	10.00	10.00	7.0	100	120	1200.0	8.917	0.003	0.003	0.002	0.003
1012	32	2/24/16	11:00 AM 1:00 PM	- -	CLEARANCE DURANT MIDDLE SCHOOL 2ND FLOOR HALLWAY	A		10.00	10.00	10.00	4.5	100	120	1200.0	5.732	BDL	0.003	0.001	0.003
377	33	2/24/16	11:00 AM 1:00 PM	- -	CLEARANCE DURANT MIDDLE SCHOOL 2ND FLOOR EAST CLASSROOM	A		10.00	10.00	10.00	6.0	100	120	1200.0	7.643	BDL	0.003	0.002	0.003

ANALYST PARTICIPATING IN LAB AIHA-151368 NIOSH 7400 METHOD 7/1/2010
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter REV 1
Rotometer Number: MF-1
Calibration Date: 2/13/16

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Vincent Colbert
Location: PIPE TUNNEL
Contractor: Tec An Environmental
Project Number:

Enercon Services, Inc.
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Project: 410 NORTH SIXTH AVE

Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	T Y P	Cass. Dia = 25 mm Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	PF = 10 Fiber Count	Field Count	Field of View = 0.00785 Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Pg. 1 Fibers Per CC	Det. Limit	OF 1 LCL	UCL
-	34	2/25/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	**NA**	**NA**	**NA**	**NA**
-	35	2/25/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	**NA**	**NA**	**NA**	**NA**
182	36	2/25/16	8:00 AM 10:00 AM		CLEARANCE DURANT MIDDLE SCHOOL 1ST FLOOR NORTH HALL CLASSROOM	A		10.00	10.00	10.00	2.5	100	120	1200.0	3.185	**BDL**	**0.003**	**0.001**	**0.003**
376	37	2/25/16	8:00 AM 10:00 AM		CLEARANCE DURANT MIDDLE SCHOOL 1ST FLOOR CENTRAL HALLWAY	A		10.00	10.00	10.00	6.0	100	120	1200.0	7.643	**BDL**	**0.003**	**0.002**	**0.003**
1006	38	2/25/16	8:00 AM 10:00 AM	-	CLEARANCE DURANT MIDDLE SCHOOL 1ST FLOOR WEST HALLWAY CLASSROOM	A		10.00	10.00	10.00	12.0	100	120	1200.0	15.287	**0.005**	**0.003**	**0.003**	**0.007**
1012	39	2/25/16	8:00 AM 10:00 AM	- -	CLEARANCE DURANT MIDDLE SCHOOL 1ST FLOOR EAST HALLWAY	A		10.00	10.00	10.00	7.0	100	120	1200.0	8.917	**0.003**	**0.003**	**0.002**	**0.003**
377	40	2/25/16	8:00 AM 10:00 AM	- -	CLEARANCE DURANT MIDDLE SCHOOL 1ST FLOOR EAST CLASSROOM	A		10.00	10.00	10.00	10.5	100	120	1200.0	13.376	**0.004**	**0.003**	**0.003**	**0.006**

ANALYST PARTICIPATING IN LAB AIHA-151368 NIOSH 7400 METHOD 7/1/2010
NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter REV 1
Rotometer Number: MF-1
Calibration Date: 2/13/16

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

AM Technician: Vincent Colbert
Location: PIPE TUNNEL
Contractor: Tec An Environmental
Project Number:

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Project: 410 NORTH SIXTH AVE

						T	Cass. Dia =	25 mm			PF =	10	Field of View =		0.00785	Pg.	1	OF	1
Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	Y P	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Det. Limit	LCL	UCL
-	41	2/29/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
-	42	2/29/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
3653	43	2/29/16	9:43 AM 1:55 PM		MICHAEL NEFF (400572PAPR) PIPE TUNNEL GLOVEBAG	P	<0.01	2.50	2.50	2.50	8.0	100	252	630.0	10.191	**0.006**	**0.005**	**0.004**	**0.005**
506	44	2/29/16	9:43 AM 1:55 PM		MICHAEL WILSON (269573PAPR) PIPE TUNNEL GLOVEBAG	P	<0.01	2.50	2.50	2.50	11.0	100	252	630.0	14.013	**0.009**	**0.005**	**0.005**	**0.012**
608	45	2/29/16	9:43 AM 1:55 PM	-	INSIDE AREA PIPE TUNNEL GLOVEBAG	A		2.50	2.50	2.50	4.0	100	252	630.0	5.096	**BDL**	**0.005**	**0.002**	**0.005**
501	46	2/29/16	9:43 AM 1:57 PM	- -	OUTSIDE AREA CRITICAL PIPE TUNNEL GLOVEBAG	A		2.50	2.50	2.50	2.0	100	254	635.0	2.548	**BDL**	**0.005**	**0.001**	**0.005**
511	47	2/29/16	9:43 AM 1:57 PM	- -	OUTSIDE AREA CRITICAL PIPE TUNNEL GLOVEBAG	A		2.50	2.50	2.50	2.0	100	254	635.0	2.548	**BDL**	**0.005**	**0.001**	**0.005**
653	48	2/29/16	9:43 AM 1:57 PM	- -	OUTSIDE AREA DECON PIPE TUNNEL GLOVEBAG	A		2.50	2.50	2.50	5.0	100	254	635.0	6.369	**BDL**	**0.005**	**0.002**	**0.005**
651	49	2/29/16	9:43 AM 1:55 PM	- -	NEG AIR EXHAUST PIPE TUNNEL GLOVEBAG	A		2.50	2.50	2.50	0.0	100	252	630.0	0.000	**BDL**	**0.005**	**0.000**	**0.005**

ANALYST PARTICIPATING IN LAB AIHA-151368 NIOSH 7400 METHOD 7/1/2010

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter REV 1

Rotometer Number: MF-1

Calibration Date: 2/13/16

AM Technician: Ben Baggett
Location: Utility Tunnel Removal
Contractor: Tec-An Environmental
Project Number:

Enercon Services, Inc.
6525 N. Meridian, Suite 400
Oklahoma City, OK 73116
Phone: 405-722-7693
Fax: 405-722-7694
www.enercon.com

ENERCON
Excellence—Every project. Every day.

Project: 410 NORTH SIXTH AVE

						T	Cass. Dia =	25 mm			PF =	10	Field of View =		0.00785	Pg.	1	OF	1
Pump Number	Sample Number	Date Sampled	Time 1 On-Off	Time 2 On-Off	Collection Information	Y P	Pers Exp.	Flow Rate (L/M) Pre	Post	Avg.	Fiber Count	Field Count	Ttl. Time (Min.)	Volume (Liters)	Fiber Density	Fibers Per CC	Det. Limit	LCL	UCL
-	50	2/29/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
-	51	2/29/16	- -	- -	BLANK	B		0	0	0.00	0.0	100	0	0.0	0.000	NA	NA	NA	NA
HV3	52	2/29/16	2:12 PM 4:15 PM		CLEARANCE DURANT MIDDLE SCHOOL UTILITY TUNNEL	A		10.00	10.00	10.00	3.0	100	123	1230.0	3.822	BDL	0.003	0.001	0.003
HV2	53	2/29/16	2:12 PM 4:15 PM		CLEARANCE DURANT MIDDLE SCHOOL UTILITY TUNNEL	A		10.00	10.00	10.00	5.0	100	123	1230.0	6.369	BDL	0.003	0.001	0.003
HV4	54	2/29/16	2:12 PM 4:15 PM	-	CLEARANCE DURANT MIDDLE SCHOOL UTILITY TUNNEL	A		10.00	10.00	10.00	2.0	100	123	1230.0	2.548	BDL	0.003	0.000	0.003
HV5	55	2/29/16	2:12 PM 4:15 PM	- -	CLEARANCE DURANT MIDDLE SCHOOL UTILITY TUNNEL	A		10.00	10.00	10.00	4.0	100	123	1230.0	5.096	BDL	0.003	0.001	0.003
HV7	56	2/29/16	2:12 PM 4:15 PM	- -	CLEARANCE DURANT MIDDLE SCHOOL UTILITY TUNNEL	A		10.00	10.00	10.00	6.0	100	123	1230.0	7.643	BDL	0.003	0.001	0.003

ANALYST PARTICIPATING IN LAB AIHA-151368 NIOSH 7400 METHOD 7/1/2010

I hereby certify that the above samples were collected and analyzed in compliance with applicable standards and regulations.

NC = Not Counted. Reasons: 1. Overload; 2. Damaged Filter; 3. Pump Failure; 4. Missing Filter REV 1

Rotometer Number: MF-1
Calibration Date: 2/13/16

AM Technician: Ben Baggett
Location: Utility Tunnel
Contractor: Tec An Environmental
Project Number:

Management Plan

MAINTENANCE PLAN
FORMER DURANT MIDDLE SCHOOL
DURANT, OKLAHOMA

The former Middle School is located at 410 N. 6th Ave. in Durant, Oklahoma, was contaminated with materials that required remediation pursuant to State and Federal environmental laws and regulations. Sampling performed by DEQ contractors, conducted on June 10, 2014, indicated that there was asbestos, and lead-based paint in the building. Remediation activities at the affected property included abatement of asbestos, and encapsulation of lead-based paint. The remedy was completed on June 10, 2016. The following maintenance plan is to be completed by the owner of the affected property. DEQ recommends inspection of remediated areas every 5 years. During site inspections the owner should note any signs of disrepair or improper maintenance. Continuing operation, maintenance and monitoring should include:

1. Stairwell in 1910 building – Walls containing lead-based paint were cleaned and sealed with lead based paint encapsulant. These surfaces need to be resealed if encapsulant shows signs of deterioration, damage, or flaking. See attachment 1 for floor plan maps with locations of encapsulated lead-based paint marked in red.

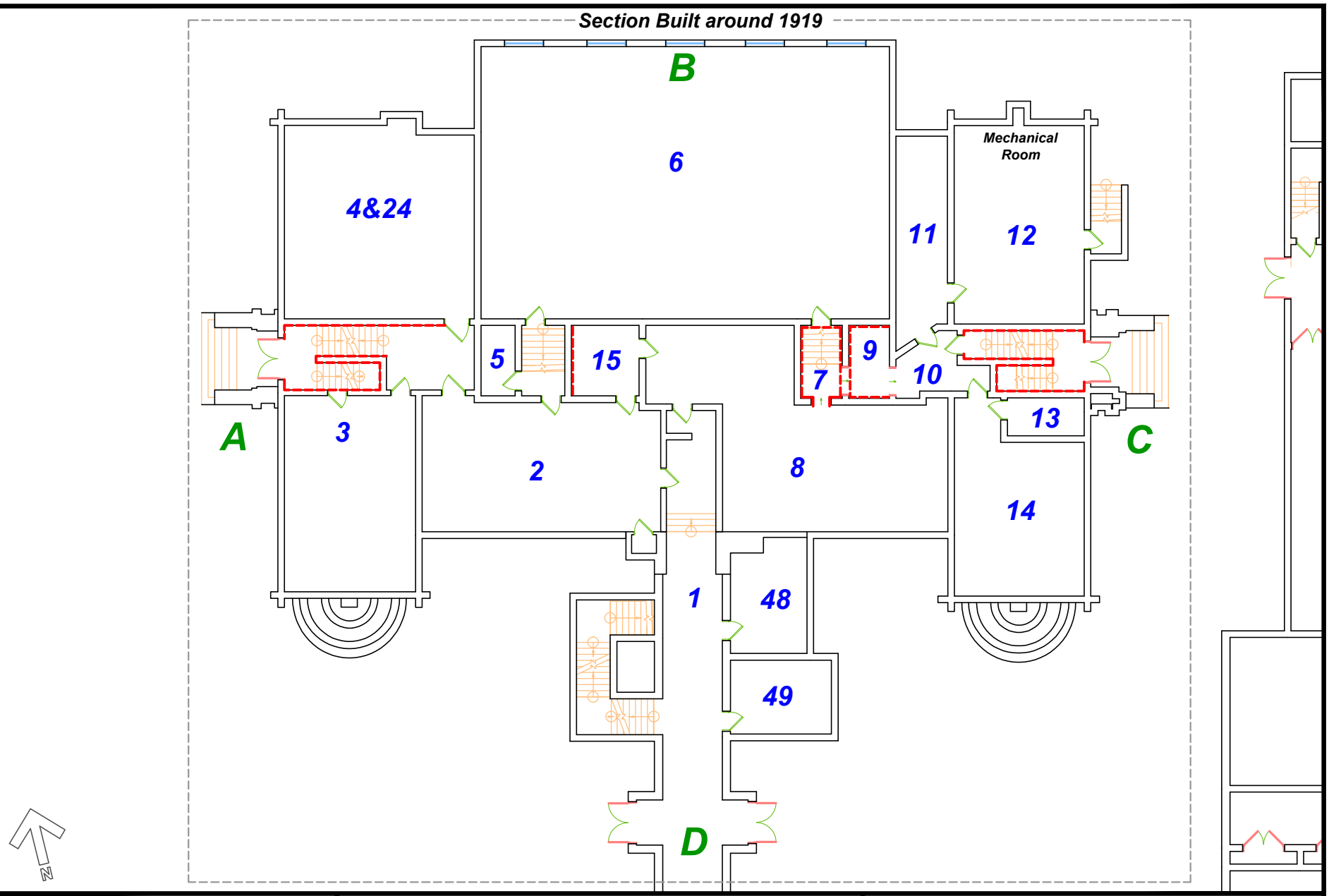
Note – A list containing the DEQ approved elastomeric encapsulants is attached (Attachment 2). DEQ did not test every painted surface and all building materials inside and outside of the building, therefore there is a potential for lead-based paint and asbestos at the affected property.

If you have any questions or concerns feel free to contact me at (405) 702-5103.

Sincerely,
Rachel Francks
Environmental Programs Specialist
DEQ Land Protection Division
Brownfields Program

ATTACHMENT 1

Floor Plan Map



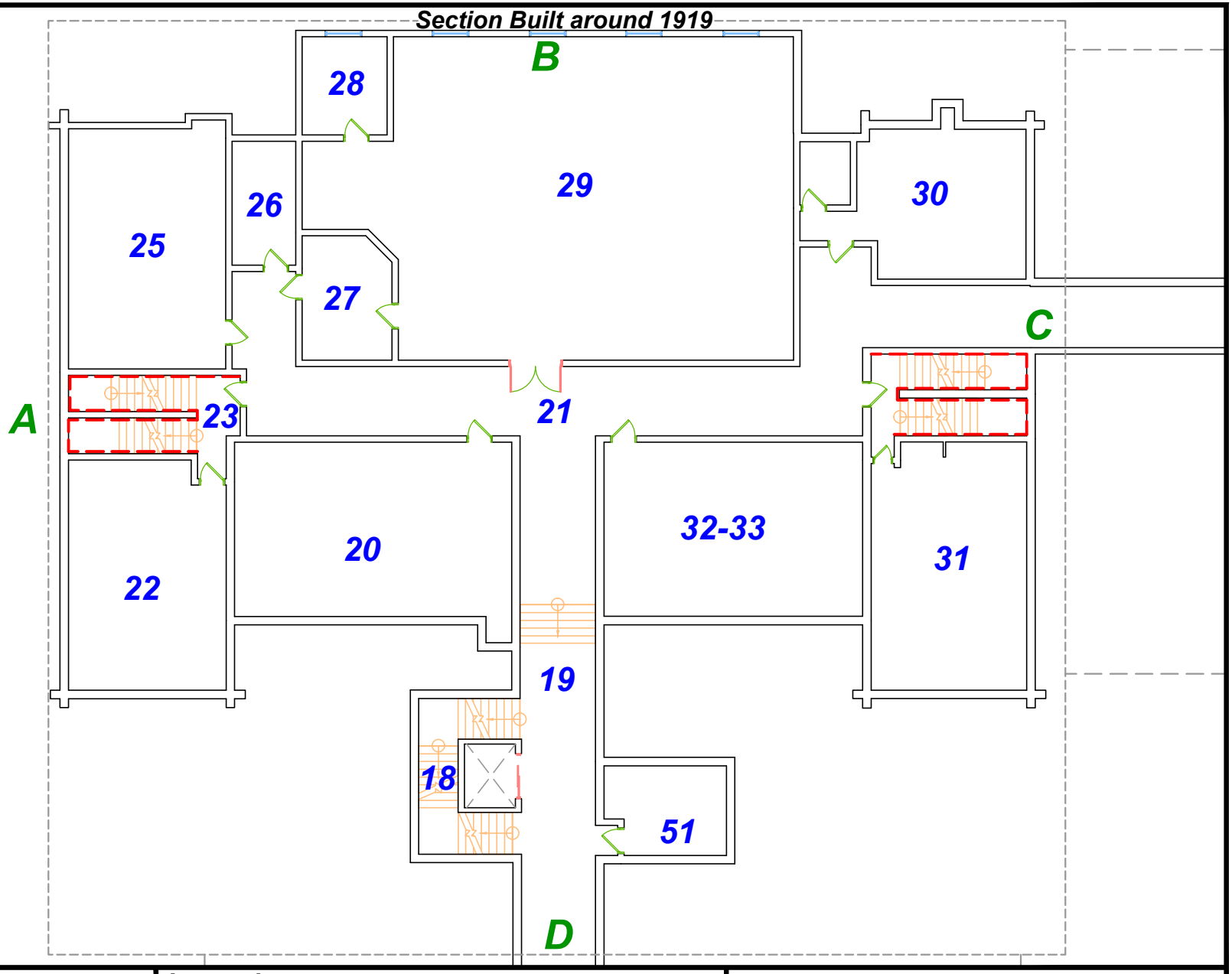
Durant Middle School
410 North 6th St, Durant, Ok.

Legend:

LBP on the lower four foot of walls and Banisters in stairwells, other marked areas are coated with LBP floor to ceiling @ 985 - SF

ENERCON

LBP Locations Bld-1919
Durant Middle School 1 St Floor

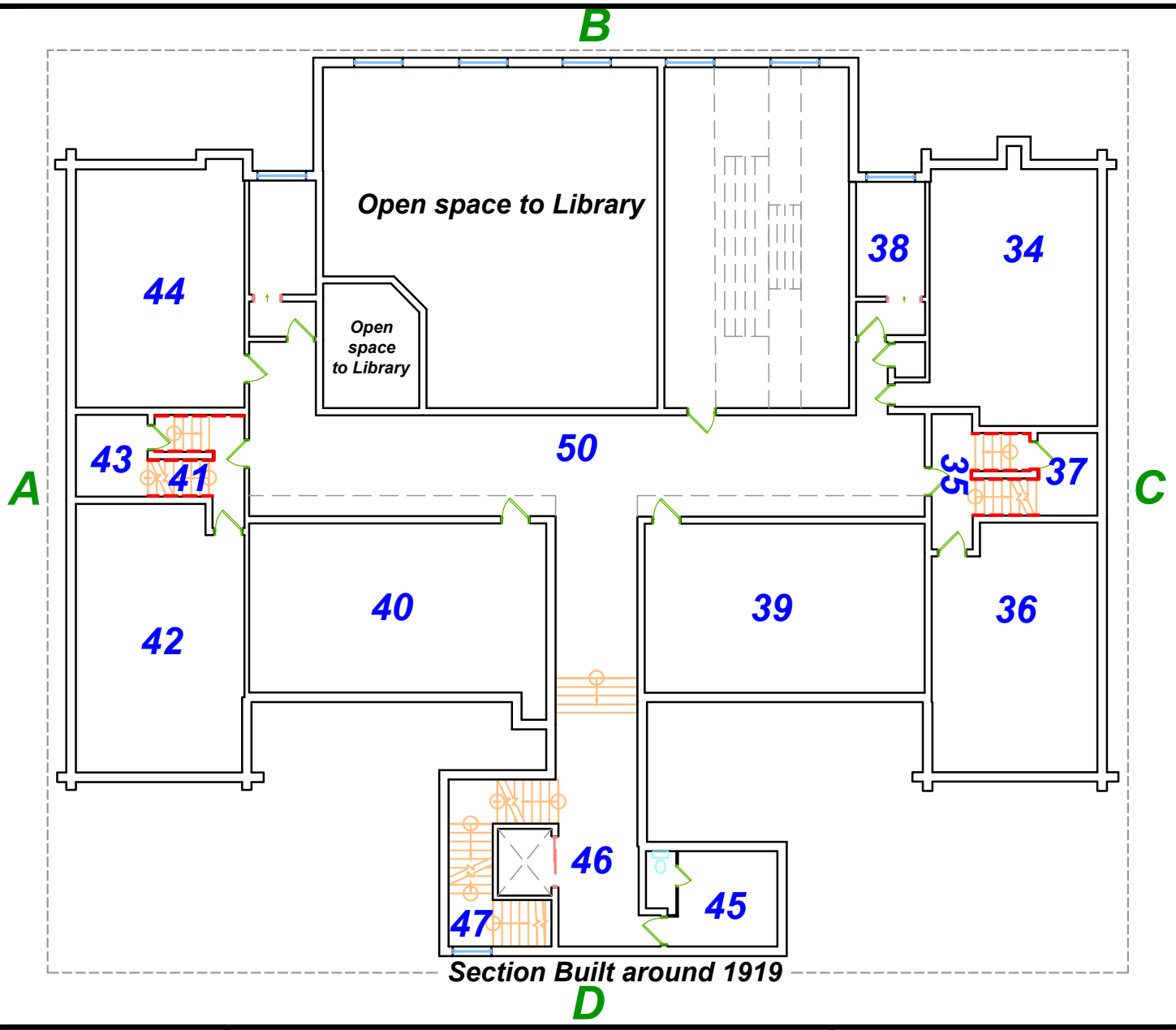


Durant Middle School
410 North 6th St, Durant, Ok.

Legend:
LBP on the lower four foot of walls and Banisters in stairwells @ 600SF

ENERCON

LBP Locations Bld-1919
Durant Middle School 2nd Floor



Durant Middle School
410 North 6th St, Durant, Ok.

Legend:
LBP on the lower four foot of walls and Banisters in stairwells @ 250 SF

ENERCON

LBP Locations Bld-1919
Durant Middle School 3rd Floor

ATTACHMENT 2

DEQ Sealants and Encapsulants List

Lead-Based Paint Encapsulants approved by DEQ

Encapsulant Manufacturer	Encapsulant Product(s)
Coronado Paint Company	LEAD BLOCK™
Dumond Chemicals	LEAD STOP™
Dynacraft Industries, Inc.	Back to Nature Protect-A-Coat
Encap Systems Corporation	EncapSeal™ I
Encap Systems Corporation	EncapSeal™ II
Fiberlock Technologies, Inc.	Child GUARD interior/exterior
Fiberlock Technologies, Inc.	L-B-C® Type III
Global Encasement, Inc.	LeadLock™
Grace Construction Products	Lead Seal®
Grace Construction Products	Barrier Coat® II
Insl-x Products Corporation	INSL-CAP™
SAFE Encasement Systems	SE-120 Protective Skin
Specification Chemicals, Inc.	NU-WAL® #2500 Coating