

**2010
AHERA MANAGEMENT PLAN UPDATE
THREE-YEAR AHERA ASBESTOS REINSPECTION
PREPARED BY WESTERN TECHNOLOGIES INC.**

AHERA MANAGEMENT
PLAN UPDATE
LOGAN HIGH SCHOOL
100 SOUTH 162 WEST
LOGAN, UTAH

WT JOB NO. 6120JW137



**Western
Technologies
Inc.**

The Quality People
Since 1955

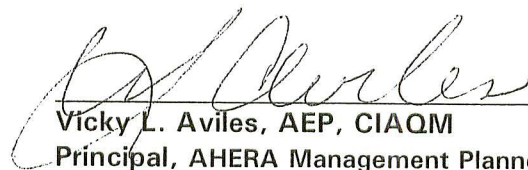
SALT LAKE CITY – UTAH

420 West Lawndale Drive
Salt Lake City, Utah 84115-2917
(801) 972-3650 • fax 972-3653

PREPARED FOR:

**LOGAN CITY SCHOOL DISTRICT
101 WEST CENTER STREET
LOGAN, UTAH**

February 23, 2011



Vicky L. Aviles, AEP, CIAQM

Principal, AHERA Management Planner
ASB-2127, Exp. 5-7-2012

ARIZONA

COTTONWOOD
FLAGSTAFF
FORT MOHAVE

LAKESIDE
LAKE HAVASU CITY
PHOENIX

PRESCOTT
SIERRA VISTA
TUCSON

COLORADO

DURANGO
GRAND JUNCTION

PAGOSA SPRINGS
TELLURIDE

NEVADA

LAS VEGAS

NEW MEXICO

ALBUQUERQUE
FARMINGTON

UTAH

SALT LAKE CITY

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 SUMMARY OF CHANGES IN ACBM	2
3.0 CONCLUSION	2

APPENDICES

APPENDIX A	FIGURE A – AERIAL PHOTOGRAPH FIGURE B – SITE DIAGRAM FIGURES 1 THROUGH 11 – BUILDING DIAGRAMS
APPENDIX B	TABLES 1 – 3 – GENERAL INVENTORY OF SUSPECT MATERIALS BY FUNCTIONAL SPACE
APPENDIX C	TABLES 1 – 3 – SUMMARY OF ACBMS
APPENDIX D	TABLES 1 – 3 – 6-MONTH SURVEILLANCE
APPENDIX E	MANAGEMENT PLANNER CERTIFICATION & ARCHITECTURAL SIGN-OFF
APPENDIX F	NOTIFICATION & MANAGEMENT BUDGET
APPENDIX G	LEA DESIGNATED PERSON SIGNATURE SHEET
APPENDIX H	OPERATIONS & MANAGEMENT PLAN
APPENDIX I	PREVENTATIVE MEASURES & PHYSICAL ASSESSMENTS OF FRIABLE ACBM
APPENDIX J	INSPECTION REPORT
APPENDIX K	SUPPORT DOCUMENTS



**AHERA MANAGEMENT
PLAN UPDATE
LOGAN HIGH SCHOOL
100 SOUTH 162 WEST
LOGAN, UTAH**

WT JOB NO. 6120JW137

1.0 INTRODUCTION

Western Technologies, Inc. (WT) representative Robert E. Wenzel, PE, AHERA-Accredited Inspector, conducted the 3-year reinspection of the Logan High School for the Logan City School District in December 2010. This re-inspection document is to be used in conjunction with the original inspection and reinspection reports and management plans and all documents therein dated prior to 2010.

The re-inspection was to be performed in accordance with the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763.85, and includes the following:

- visually reinspected and reassessed the conditions of known friable asbestos containing building materials (ACBM);
- visually reinspected materials previously identified as non-friable ACBM, and touched the material to determine if the material has become friable since the last inspection;
- identified any homogeneous materials that had become friable since the last inspection or reinspection;
- collected material samples of suspect ACBMs not previously accounted for, identified, or sampled;
- submittal of this report to the local education agent (LEA) designated person in accordance with 40 CFR Part 763.85, which includes (1) the date, name, signature, and accreditation information of the person who conducted the reinspection; (2) documented any changes in the condition of known or assumed ACBM; (3) submitted sampling information (if conducted) to include location and manner used to determine sample locations; and (4) provided current assessment of friable material.

Prior to the physical reinspection, previous inspection reports were reviewed by the inspector to identify locations of ACBMs, assess conditions of identified ACBMs at the time of the last inspection, and to verify that all suspect homogeneous materials had been identified and sufficiently sampled as required by AHERA and the current OSHA regulations 29 CFR 192.1101, June 29, 1995).



2.0 SUMMARY OF CHANGES IN ACBM

WT received and reviewed historical data provided by the District for the Logan High School. Changes at the school are reported in the inspection report included in Appendix H of this report and included:

WT noted that the Old Boy's Gymnasium reported in the 1998 reports was replaced with a new Gym Building constructed in 2000. WT received an Architect's Sign-off Letter for the newer Gym structure. A remote classroom building that was previously located on the site had been removed and is no longer present. This building is believed to have been moved to Mt. Logan Middle School and was inspected as part of that school. Additionally, previous inspections did not include out buildings on the site including two storage garages, a storage shed, baseball and football stands/storage areas. These buildings are accessed by students and are required to be inspected as part of this AHERA survey. WT surveyed these structures individually and are discussed below.

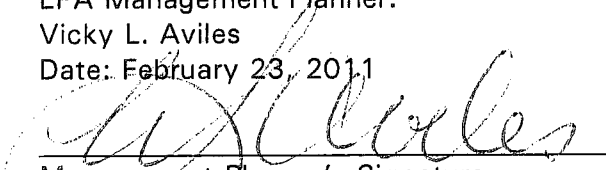
3.0 CONCLUSION

The reinspection report and this updated management plan are to be used in conjunction with the originally generated Management Plan and the 3-Year Reinspection reports dated prior to this update. A copy of the original Management Plan and following 3-Year reinspection reports, six-month surveillance reports, notice of building demolition, removal, or renovation, and response action reports should be kept in the District office and at the campus.

Exterior building materials are not a part of an AHERA inspection. Suspect ACMs need to be identified prior to demolition of a building in compliance with the Occupational Health and Safety Administration (OSHA) and the Environmental Protection Agency National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations.

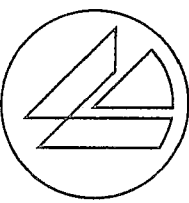
The District is also required by AHERA to notify annually in writing parents, teachers, employee organizations and outside contracted trades of the availability of the management plan and shall include in the management plans a signed description of the steps taken to notify such organizations (40 CFR Part 763.93 (g)(4)).

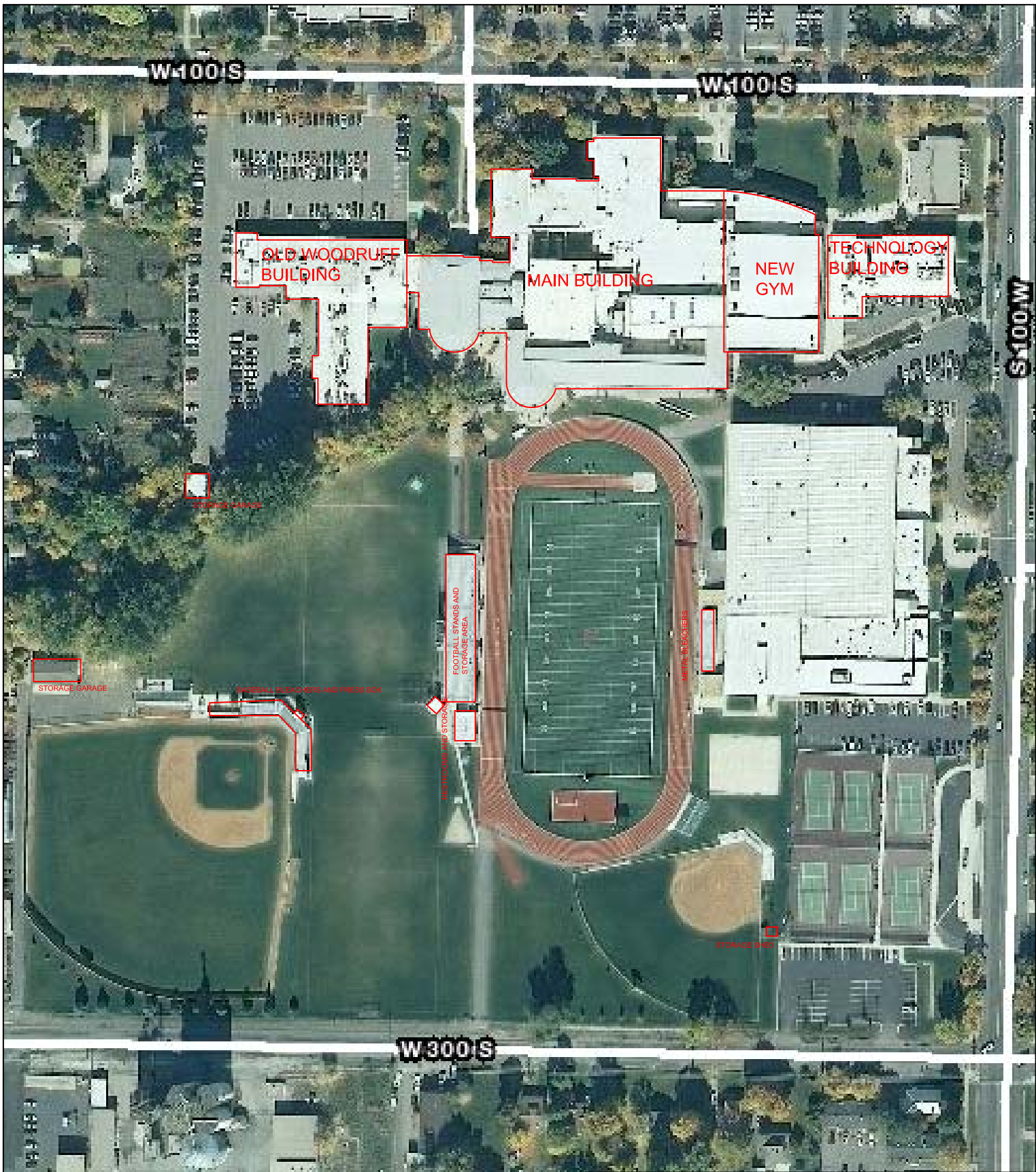
EPA Management Planner:
Vicky L. Aviles
Date: February 23, 2011


Management Planner's Signature
AHERA Management Planner ASB-2127
Date of Expiration: May 7, 2011

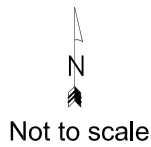


APPENDIX A





SOURCE: MAPQUEST MAPS, 2008



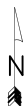
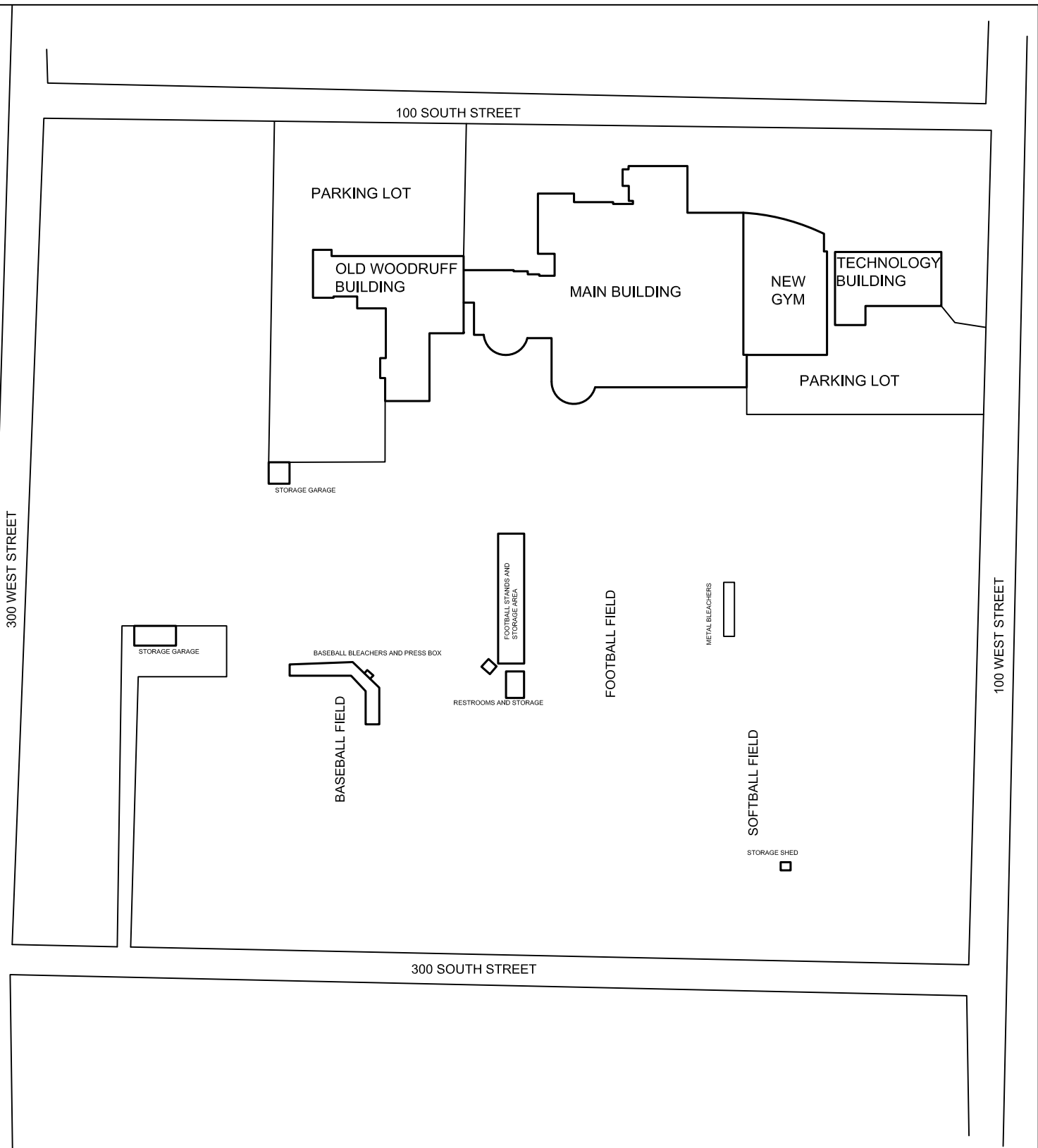
LOGAN HIGH SCHOOL

2008 Aerial Photograph

Western Technologies, Inc.

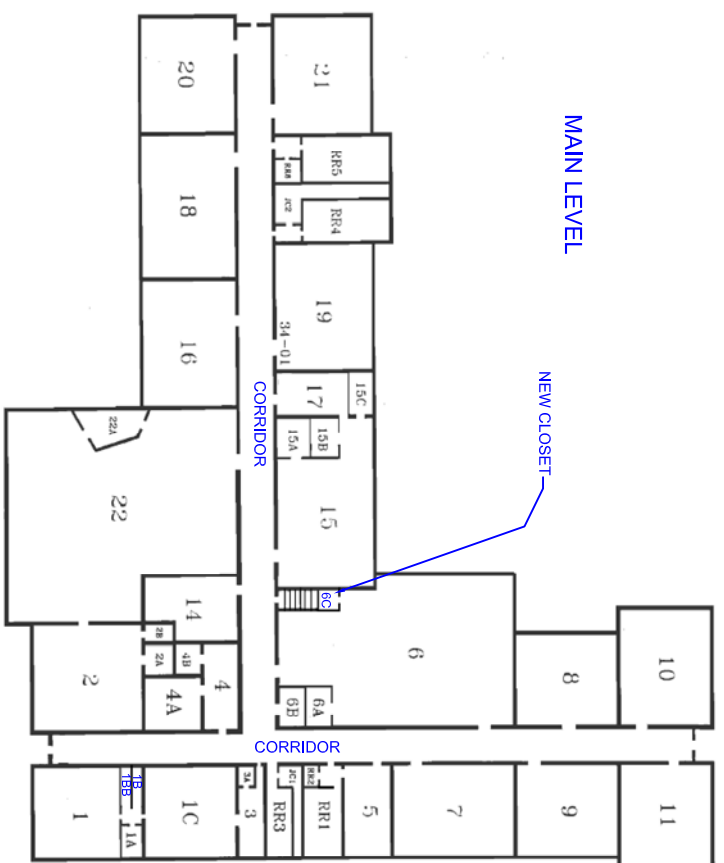
Job No. 6120JW137

Figure - A

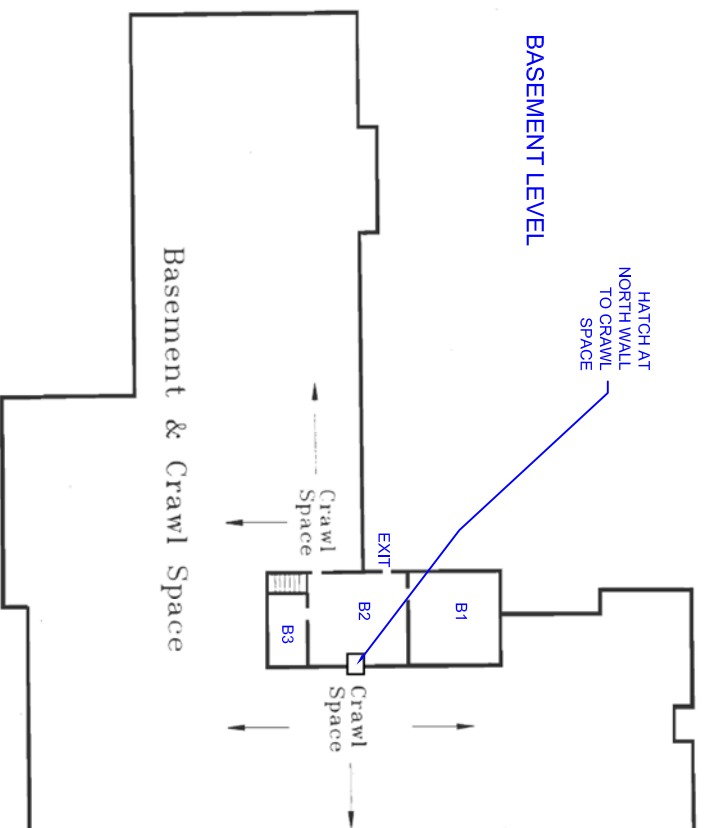


Not to scale

LOGAN HIGH SCHOOL	
SITE DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - B

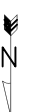


LOGAN HIGH SCHOOL - OLD WOODRUFF BUILDING



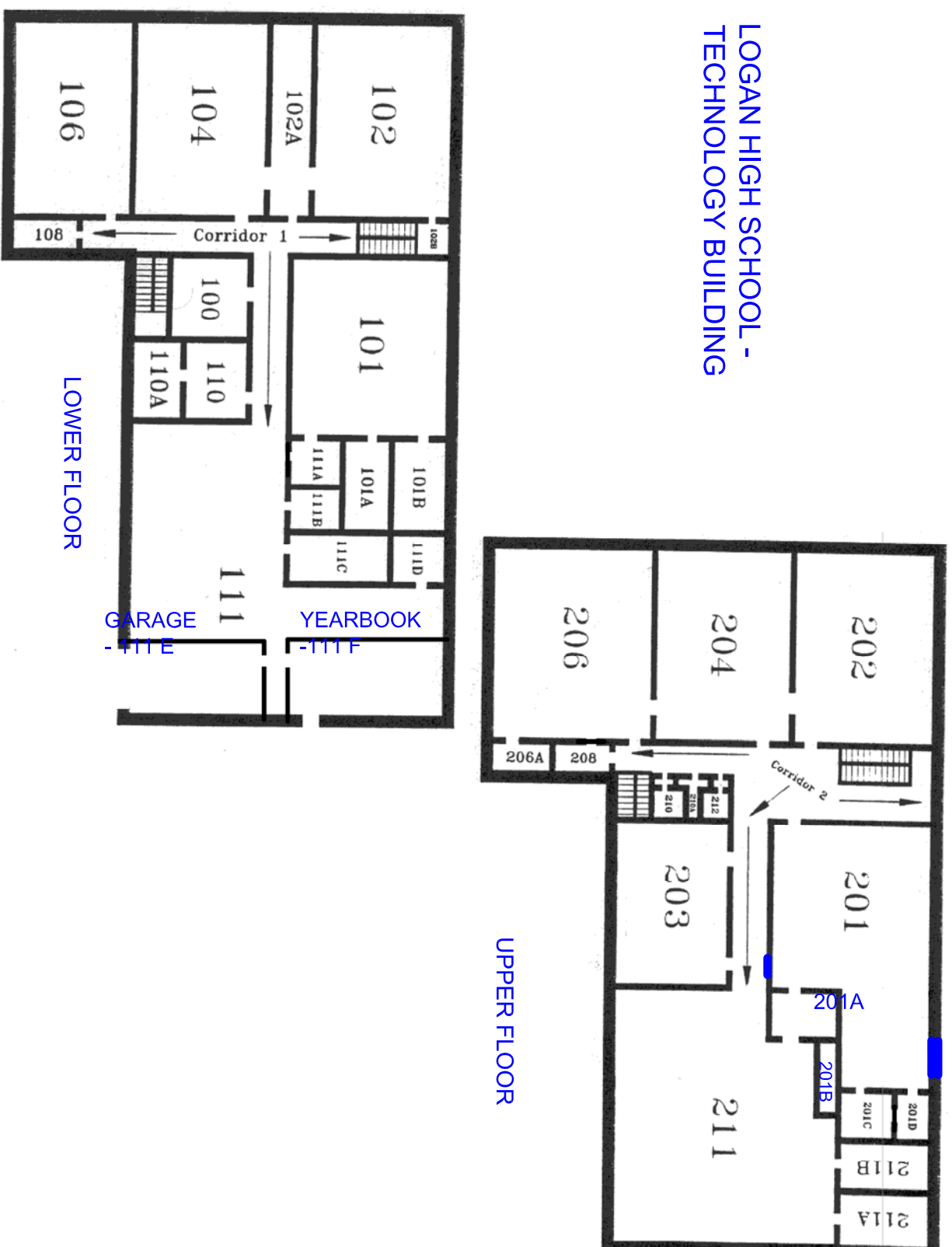
LEGEND:

- FLOOR CARPET ADHESIVE, ~12,000 SQ FT, FS: 1, 1C, 2, 2B, 3, 4, 4A, 6, 6A, 7, 8, 9, 10, 11, 15, 15A, 17, 18, 19, 20, 22, 22A
- WALL CARPET ADHESIVE, ~6,200 SQ FT, FS: 2, 6, 7, 9, 14, 18, 20, 22, 22A
- GREEN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~1,850 SQ FT, FS: 1B, 2, CORRIDORS
- WHITE & GRAY SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~150 SQ FT, FS: 10
- BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~1,850 SQ FT, FS: 1, 1A, 1C, 2, 2A, RR6, CORRIDORS
- TAN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~275 SQ FT, FS: 4, 4A
- TAN & WHITE SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~3,000 SQ FT, FS: 3, 19
- TAN & BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~150 SQ FT, FS: 11
- TAN & CREAM SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING ADHESIVE, ~150 SQ FT, FS: 15C
- 9"X9" TAN FLOOR TILE, ADHESIVE, ~975 SQ FT, FS: 6B, 11, 17
- 9"X9" GRAY FLOOR TILE, ADHESIVE, ~720 SQ FT, FS: 10
- 9"X9" WHITE FLOOR TILE, ADHESIVE, ~1,400 SQ FT, FS: 18, 20
- 12"X12" WHITE FLOOR TILE, ADHESIVE, ~300 SQ FT, FS: 3A, RR2, RR7
- 12"X12" TAN FLOOR TILE, ADHESIVE, ~600 SQ FT, FS: 15, 15C
- 2" BROWN BASE BOARD MOLDING, ADHESIVE, ~40 SQ FT, FS: 3 (ADHESIVE ONLY), 3A
- 4" PURPLE BASE BOARD MOLDING, ADHESIVE, ~460 SQ FT, FS: 11, 22, 22A
- RED STAGE FIRE CURTAIN, ~1000 SQ FT, FS: STAGE
- TAN STAGE FIRE CURTAIN, ~1000 SQ FT, FS: STAGE
- GRAY DUCT CAULKING, ~300 SQ FT, FS: ATTIC
- GRAY ATTIC INSULATION, ~40,000 SQ FT, FS: ATTIC
- WINDOW GLAZE, ~10 SQ FT, FS: B3
- WINDOW CAULKING, ~800 SQ FT, FS: ALL WINDOWS
- STAINLESS STEEL SINK UNDERCOATING, ~16 SQ FT, FS: 9, 14, 15
- PIPE INSULATION AND PIPE FITTINGS, ~650 LF, FS: CRAWLSPACE



APPROXIMATELY 1 inch = 50 feet

LOGAN HIGH SCHOOL - OLD WOODRUFF BLDG.
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM
Western Technologies, Inc.
Job No. 6120JW137
Figure: 1



LOGAN HIGH SCHOOL -
TECHNOLOGY BUILDING

LOWER FLOOR

UPPER FLOOR

LEGEND:

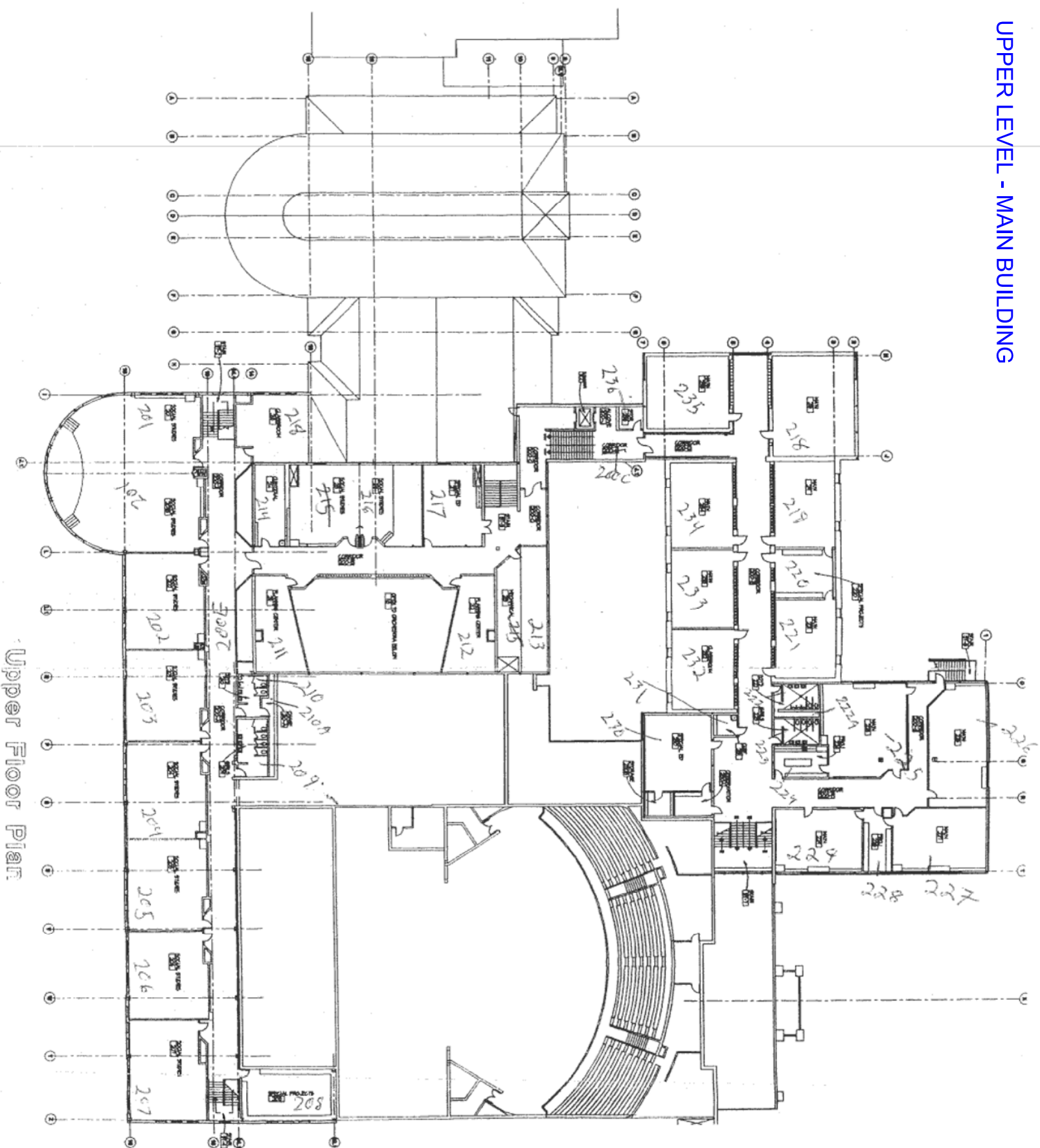
- BLACK VINYL VIBRATION DAMPENER, ~50 SQ FT, FS: 108
- HVAC SEALANT (AKA GRAY DUCT CAULK), ~300 SQ FT, FS: 111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213
- 9"X9" TAN/BROWN FLOOR TILES AND ADHESIVE, ~7,000 SQ FT, FS: 101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, CORRIDORS 1, 2
- FLOOR CARPET ADHESIVE, ~5,500 SQ FT, FS: 102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213
- PURPLE FLOOR CARPET ADHESIVE, ~500 SQ FT, FS: 106
- 4" PURPLE BASE BOARD MOLDING, ADHESIVE, ~250 SQ FT, FS: 106, 204
- 4" DARK BROWN BASE BOARD MOLDING, ADHESIVE, ~500 SQ FT, FS: 110, 110A
- INTERIOR KILN BRICK, ~100 SQ FT, FS: 201B
- INCANDESCENT LIGHT REFLECTIVE PAD, ~1200 SQ FT, FS: 100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211
- THERMAL SYSTEMS INSULATION (MUD FITTINGS), ~500 LF, FS: 100, 101, 101B, 102, 102A, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, SOUTHSIDE STAIRS, CORRIDORS, YEAR BOOK ROOM, GARAGE, STAIRWAY TO BASEMENT, TUNNELS
- THERMAL SYSTEMS INSULATION (MAG BLOCK FITTINGS), ~500 LF, FS: 100, 101, 101B, 102, 102A, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, SOUTHSIDE STAIRS, CORRIDORS, YEAR BOOK ROOM, GARAGE, STAIRWAY TO BASEMENT, TUNNELS
- SPRAYED-ON SINK COATING, 4 SQ FT, FS: E 201



APPROXIMATELY 1 inch = 25 feet

LOGAN HIGH SCHOOL - TECHNOLOGY BLDG.
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM
Western Technologies, Inc.
Job No. 6120JW137
Figure: 2

UPPER LEVEL - MAIN BUILDING



Upper Floor Plan

APPROXIMATELY 1 inch = 50 feet

LEGEND:

- ORIGINAL CONSTRUCTION:**
- PIPE ELBOW/FITTING INSULATION, 200 LF, TUNNELS
 - TANK INSULATION (END CAPS), 115 SQ FT, BOILER RM 028
 - TANK INSULATION, 80 SQ FT, 140
 - BOILER EXHAUST FLUE INSULATION, 50 LF, BOILER RM 028
 - BOILER DOOR GASKETS, -50 SQ FT, BOILER RM 028
 - PIPE ELBOW/FITTING INSULATION, 500 LF, 15, 17A, 20, 21, 22, 22A, 28, 29, 30, 120, 121, 125A, 129, 130A, 139, 140, 141, 142, 144, UPPER LEVEL FAN ROOMS, 144C, 222A (ADDITIONAL FITTINGS MAY BE FOUND ABOVE THE ORIGINAL PLASTER CEILINGS WITHIN THE CLASSROOMS & CORRIDORS)
 - VALVE PACKINGS & GASKETS, -200 SQ FT, BOILER RM 028
 - INTERIOR DUCT INSULATION & ADHESIVE, -1,000 SQ FT, 140, 144, AUDITORIUM FAN ROOMS (MAY BE FOUND IN OTHER PORTIONS OF THE SUPPLY DUCT)
 - SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -30,000 SQ FT, LOWER LEVEL, 17-19, 21, 24, CORRIDORS J, K, L, MAIN LEVEL, 122, 123-153, 150A, 150B, 158, 160, 142, 144, 144B, 144B, UPPER LEVEL, 218, 224, 225, 227, 228, 229, 230, 231, 235
 - CHEMISTRY FUME HOOD EXHAUST COVER DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -150 SQ FT, 141, 232
 - WALL CARPET ADHESIVE, -1,000 SQ FT, 122, 144
 - WOOD WALL PANELING ADHESIVE, -1,000 SQ FT, 120A, 120B
 - VINYL WALL COVERING, -1,800 SQ FT, 144
 - 9"X9" TAN FLOOR TILES & ADHESIVE, -7,000 SQ FT, LOWER LEVEL, 16, CORRIDORS J, K, L, MAIN LEVEL, 139, 144, 144A, CORRIDORS 100H, 100 R, UPPER LEVEL, CORRIDOR 200
 - 9"X9" GREEN/GRAY FLOOR TILES & ADHESIVE, -13,000 SQ FT, LOWER LEVEL, 13, 21, 22, 24, 27, MAIN LEVEL, 122, 123, 124, 125A, 127, 128, 129, 130A, 134B, 133, 133A, 135, 136, 137, UPPER LEVEL, 218, 224, 225, 227, 228, 229, 230, 231, 235
 - 9"X9" BROWN FLOOR TILES & ADHESIVE, -800 SQ FT, LOWER LEVEL, 16, MAIN LEVEL, 139
 - 12"X12" BROWN FLOOR TILES & ADHESIVE, -250 SQ FT, LOWER LEVEL, 22
 - WHITE/BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), -240 SQ FT, MAIN LEVEL, 120A, 120B
 - FLOOR CARPET ADHESIVE, -8,200 SQ FT, LOWER LEVEL, 21, 22A
 - TAN BASE BOARD MOLDING & ADHESIVE, -40 SQ FT, 229
 - DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT, 139
 - PINK UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT, 128, 131
 - BLACK UNDERCOATED STAINLESS STEEL SINK BASIN, -25 SQ FT, 13, 15, 20, 22A
 - PURPLE UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT, 224, 229
 - TRANSITE COUNTER TOPS, -80 SQ FT, 13, 15, 24, 25, 25A, 26, 27, 141
 - INTERIOR FUME HOOD LINING (TRANSITE), -30 SQ FT, 25
 - GOLD STAGE FIRE CURTAIN, -300 SQ FT, 144 AUDITORIUM STAGE
 - RED STAGE FIRE CURTAIN, -300 SQ FT, 144 AUDITORIUM STAGE

ADDITION #1:

 - WALL/CEILING PLASTER, -3,800 SQ FT, LOWER LEVEL, G, 10B, 12A, 12C, STAIRWELL, ST5, MAIN LEVEL, 151, 152, STAIRWELLS ST2A5, CORRIDOR 100C, UPPER LEVEL, ST2, ST5
 - PIPE ELBOW/FITTING INSULATION, -45 LF, 10B, 10C, 121, 153, 236, 238
 - INTERIOR DUCT INSULATION & ADHESIVE, -100 SQ FT, 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORKS)
 - DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,100 SQ FT, LOWER LEVEL, 10B, 10C, 12A, 12B, 12C, 12F, MAIN LEVEL, 150, 151, 152, STAIRWELLS ST2 & 5, END CORRIDOR 100C
 - 9"X9" TAN FLOOR TILES & ADHESIVE, -6,300 SQ FT, LOWER LEVEL, 9, 10, 10B, MAIN LEVEL, 153A, 153B, CORRIDOR 100C
 - 12"X12" TAN/WHITE/BROWN FLOOR TILES & ADHESIVE, -175 SQ FT, MAIN LEVEL, STAIRWELL ST2
 - BROWN BASE BOARD MOLDING & ADHESIVE, -425 SQ FT, 10, 10B, CORRIDOR 100C
 - HVAC DUCT WORK CALCULATING, -50 SQ FT, 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORKS)
 - WALL/CEILING PLASTER, -10,000 SQ FT, 145, 145A, 145L, 146, 146DK, 147, 148, 100 COAT, 1000 LOBBY, STAIRWELL ST3, CORRIDORS 100 G, H, N
 - PIPE ELBOW/FITTING INSULATION, -4 LF, 145C
 - SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -9,000 SQ FT, 145A-145L, 146, 146A-146K, 147, 148, 154, STAIRWELL ST3, 1000 COAT, CORRIDORS 100G, H, N
 - 9"X9" TAN FLOOR TILES & ADHESIVE, -3,000 SQ FT, 145A-14L, 146, 146A-K, CORRIDOR 100G
 - 9"X9" WHITE FLOOR TILES & ADHESIVE, -2,200 SQ FT, 145, 145A, CORRIDOR 100G
 - 12"X12" WHITE/BLACK FLOOR TILE & ADHESIVE, -1,700 SQ FT, CORRIDOR 100M
 - 12"X12" WHITE/TAN/BROWN FLOOR TILE & ADHESIVE, -4,200 SQ FT, 1000 COAT, CORRIDOR 100G
 - FLOOR CARPET ADHESIVE, -2,700 SQ FT, 145A, 146, 146A, 146K, 1000 LOBBY
 - DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT, 146A, 146B

RENOVATION CONSTRUCTION:

 - DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,600 SQ FT, 123, 124, 153, 236
 - 12"X12" WHITE FLOOR TILES & ADHESIVE, -3,200 SQ FT, 12A, 153, 236
 - FLOOR CARPET ADHESIVE, -4,000 SQ FT, 14, 15, 20, 20A, 26, 130A, 130B, 130C
 - GRAY SPECKLED SHEET VINYL FLOOR COVERING (LINOLEUM), -1,100 SQ FT, 25, 25A
 - BASE BOARD MOLDING & ADHESIVE, -250 SQ FT, 12A, 130A, 130B, 153, 236
 - WHITE/GRAY UNDERCOATED STAINLESS STEEL SINK BASIN, 20 SQ FT, 14
 - MARON BASE BOARD MOLDING & ADHESIVE, -150 SQ FT, N12, N1, N1A, N2, N3, N4, N5, N6, N7, N8, N9, N2, 304, S2, CORRIDOR, MAIN LEVEL OFFICES
 - FLOOR CARPET ADHESIVE, -1,500 SQ FT, N12, N31, N1A, N2, N3, N4, N5, N6, N7, N8, N9, N2, 304, S2, CORRIDOR, MAIN LEVEL OFFICES
 - 12"X12" CREAM/GRAY SPECKLED FLOOR TILE & ADHESIVE, -500 SQ FT, CAJETEBIA, KITCHEN

LHS - UPPER LEVEL - MAIN BUILDING

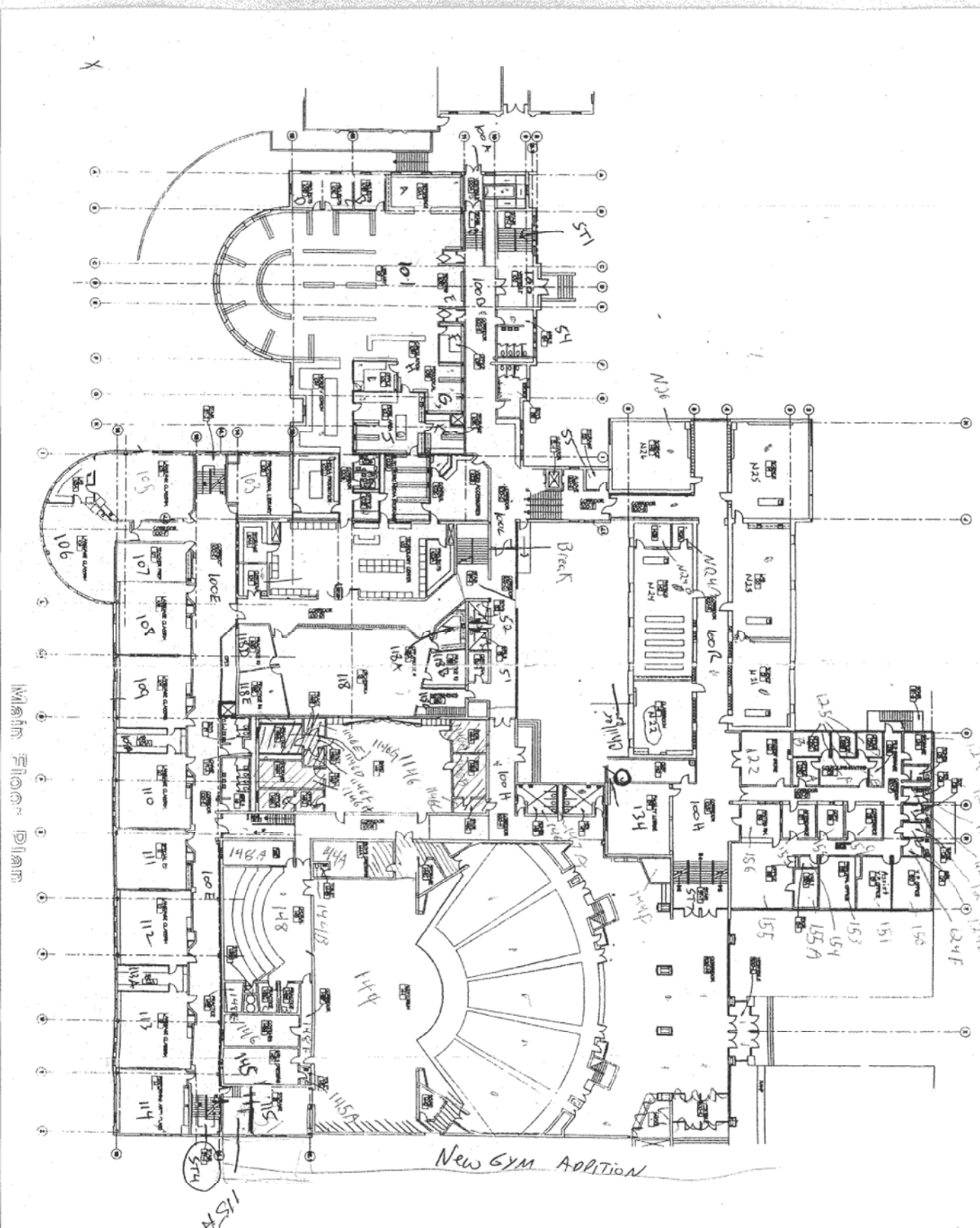
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM

Western Technologies, Inc.

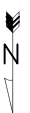
Job No. 6120JW137

Figure: 3

MAIN LEVEL - MAIN BUILDING



Main Floor Plan



APPROXIMATELY 1 inch = 50 feet

LEGEND:

- ORIGINAL CONSTRUCTION:**
 PRE ELBOW FITTING INSULATION, 200 LF, TUNNELS
 TANK INSULATION (END CAPS), 115 SQ FT, BOILER RM 028
 TANK INSULATION, 80 SQ FT, 140
 BOILER EXHAUST TILE INSULATION, 50 LF, BOILER RM 028
 BOILER DOOR GASKETS, -50 SQ FT, BOILER RM 028
 PRE ELBOW FITTING INSULATION, 200 LF, 15, 17A, 20, 21, 22, 22A, 28, 29, 30, 120, 121, 125A, 129, 130A, 139, 140, 141, 142, 144, UPPER LEVEL FAN CORRIDORS
 VALVE PACKINGS & GASKETS, -200 SQ FT, BOILER RM 028
 INTERIOR DUCT INSULATION & ADHESIVE, -1,000 SQ FT, 140, 144, AUDITORIUM/FAN ROOMS (MAY BE FOUND IN OTHER PORTIONS OF THE SUPPLY DUCT)
 SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -30,000 SQ FT, LOWER LEVEL: 17-19, 23, 24, CORRIDORS J, K, L; MAIN LEVEL: 122, 125-133, 130A, 130B, 138, 140, 142, 144, 144A, 144B; UPPER LEVEL: 218, 222-231, 235, CORRIDORS 200D, 100H, 100R
 CHEMISTRY FUME HOOD EXHAUST COVER DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -150 SQ FT, 141, 232
 WALL CARPET ADHESIVE, -1,000 SQ FT, 122, 144
 WOOD WALL PANELING ADHESIVE, -1,000 SQ FT, 120A, 120B
 VINYL WALL COVERING, -1,800 SQ FT, 144
 9"x9" TAN FLOOR TILES & ADHESIVE, -7,000 SQ FT, LOWER LEVEL: 16, CORRIDORS J, K, L; MAIN LEVEL: 139, 144, 144A, CORRIDORS 100H, 100R; UPPER LEVEL, CORRIDOR 200
 9"x9" GREEN GRAY FLOOR TILES & ADHESIVE, -13,000 SQ FT, LOWER LEVEL: 13, 21, 22, 24, 27; MAIN LEVEL: 122, 123, 124, 125A, 127, 128, 129, 130A, 134B, 132, 133, 135A, 135, 136, 137; UPPER LEVEL: 218, 224, 225, 227, 228, 229, 230, 231, 235
 9"x9" BROWN FLOOR TILES & ADHESIVE, -800 SQ FT, LOWER LEVEL: 16; MAIN LEVEL: 139
 12"x12" BROWN FLOOR TILES & ADHESIVE, -240 SQ FT, LOWER LEVEL: 22
 WHITE BROWN SHEET VINYL FLOOR COVERING (DINOLEUM), -240 SQ FT, MAIN LEVEL: 120A, 120B
 FLOOR CARPET ADHESIVE, -8,200 SQ FT, LOWER LEVEL: 21, 22A
 TAN BASE BOARD MOLDING & ADHESIVE, -40 SQ FT, 229
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -50 SQ FT, 139
 PINK UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT, 128, 131
 BLACK UNDERCOATED STAINLESS STEEL SINK BASIN, -25 SQ FT, 13, 15, 20, 22A
 PURPLE UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT, 224, 229
 TRANSLITE COUNTER TOPS, -80 SQ FT, 13, 15, 24, 25, 25A, 26, 27, 141
 INTERIOR FLAME HOOD LINING (TRANSLITE), -30 SQ FT, 25
 GOLD STAGE FIRE CURTAIN, -200 SQ FT, 144 AUDITORIUM STAGE
 RED STAGE FIRE CURTAIN, -300 SQ FT, 144 AUDITORIUM STAGE
ADDITION #1:
 WALL/CEILING PLASTER, -3,800 SQ FT, LOWER LEVEL: G, 10B, 12A, 12G, STAIRWELL, ST5; MAIN LEVEL: 151, 152, STAIRWELLS ST3&5, CORRIDOR 100C; UPPER LEVEL: ST2, ST5
 PIPE ELBOW FITTING INSULATION, -45 LF, 10B, 10C, 12, 153, 236, 238
 INTERIOR DUCT INSULATION & ADHESIVE, -100 SQ FT, 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORKS)
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,100 SQ FT, LOWER LEVEL: 10B, 10C, 12A, 12B, 12G, 12F; MAIN LEVEL: 150, 151, 152; STAIRWELLS ST2 & 5; END CORRIDOR 100C
 9"x9" TAN FLOOR TILES & ADHESIVE, -6,300 SQ FT, LOWER LEVEL: 9, 10, 10B; MAIN LEVEL: 153A, 153B, CORRIDOR 100C
 12"x12" TAN/WHITE BROWN FLOOR TILES & ADHESIVE, -175 SQ FT, MAIN LEVEL: STAIRWELL ST2
 BROWN BASE BOARD MOLDING & ADHESIVE, -425 SQ FT, 10, 10B, CORRIDOR 100C
 HVAC DUCT WORK CALCULATING, -50 SQ FT, 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORK)
ADDITION #2:
 WALL/CEILING PLASTER, -10,000 SQ FT, 145, 145A, 145L, 146, 146DC, 147, 148, 1000 COAT, 1000 LOBBY, STAIRWELL ST3, CORRIDORS 100 G, H, N
 PIPE ELBOW FITTING INSULATION, -4 LF, 143C
 SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -9,000 SQ FT, 145A, 145L, 146, 146A-146K, 147, 148, 154, STAIRWELL ST3, 1000 COAT, CORRIDORS 100G, H, N
 9"x9" TAN FLOOR TILES & ADHESIVE, -3,000 SQ FT, 145A-146, 146A-K, CORRIDOR 100G
 9"x9" WHITE FLOOR TILES & ADHESIVE, -2,200 SQ FT, 145, 145A, CORRIDOR 100G
 12"x12" WHITE/BLACK FLOOR TILE & ADHESIVE, -1,700 SQ FT, CORRIDOR 100M
 12"x12" WHITE/TAN/BROWN FLOOR TILE & ADHESIVE, -4,200 SQ FT, 100 COAT CORRIDOR 100G
 FLOOR CARPET ADHESIVE, -2,700 SQ FT, 145A, 146, 146K, 1000 LOBBY
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -50 SQ FT, 146A, 146B
RENOVATION CONSTRUCTION:
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,600 SQ FT, 123, 124, 153, 236
 12"x12" WHITE FLOOR TILES & ADHESIVE, -3,200 SQ FT, 12A, 153, 236
 FLOOR CARPET ADHESIVE, -4,000 SQ FT, 14, 15, 20, 20A, 26, 130A, 130B, 130C
 GRAY SPECKLED SHEET VINYL FLOOR COVERING (DINOLEUM), -1,100 SQ FT, 25, 25A
 BASE BOARD MOLDING & ADHESIVE, -290 SQ FT, 12A, 130A, 130B, 153, 236
 WHITE GRAY UNDERCOATED STAINLESS STEEL SINK BASIN, 20 SQ FT, 14
MARQUON BASE BOARD MOLDING & ADHESIVE, -150 SQ FT, N12, N31, N31A, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, 342, CORRIDOR, MAIN LEVEL OFFICES
FLOOR CARPET ADHESIVE, -1,500 SQ FT, N12, N31, N31A, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, 342, CORRIDOR, MAIN LEVEL OFFICES
 12"x12" CREAM GRAY SPECKLED FLOOR TILE & ADHESIVE, -500 SQ FT, CATERINA, KITCHENS

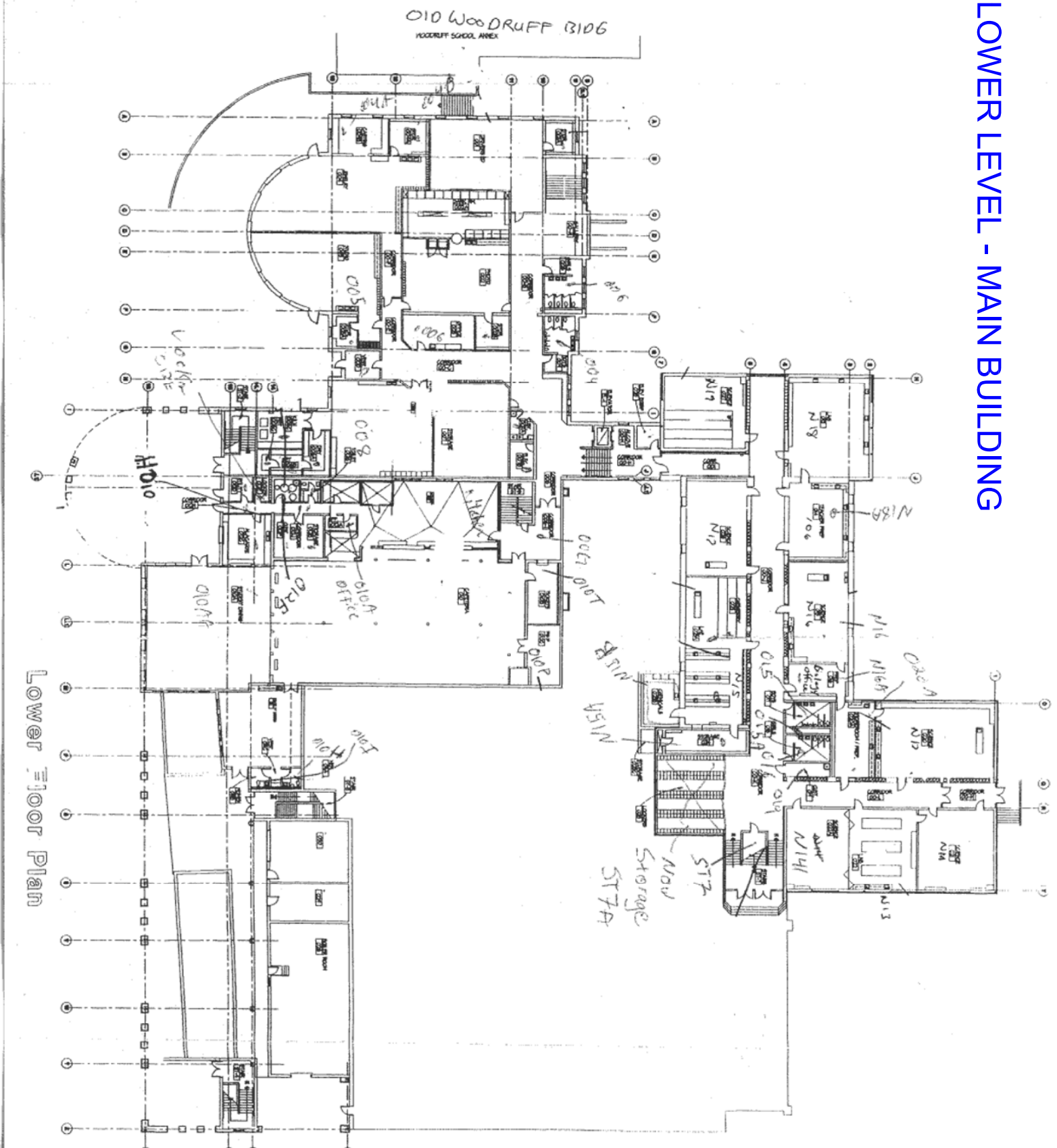
LHS - MAIN LEVEL - MAIN BUILDING

FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM
 Western Technologies, Inc.

Job No. 6120JW137

Figure: 4

LOWER LEVEL - MAIN BUILDING



Lower Floor Plan

APPROXIMATELY 1 inch = 50 feet

LEGEND:

- ORIGINAL CONSTRUCTION:**
 PIPE ELBOW/FITTING INSULATION, 200 LF. TUNNELS
 TANK INSULATION (END CAPS), 115 SQ FT. BOILER RM 028
 TANK INSULATION, 80 SQ FT. 140
 BOILER EXHAUST FLEX INSULATION, 50 LF. BOILER RM 028
 BOILER DOOR GASKETS, -50 SQ FT. BOILER RM 028
 PIPE ELBOW/FITTING INSULATION, 300 LF.
 15, 17A, 20, 21, 22, 22A, 28, 29, 30, 120, 121, 123A, 129, 130A, 139, 140, 141, 142, 144, UPPER LEVEL FAN
 COAT, CORRIDORS 100G, H, N
 VALVE PACKINGS & GASKETS, -230 SQ FT. BOILER RM 028
 INTERIOR DUCT INSULATION & ADHESIVE, -1,000 SQ FT. 140, 144, AUDITORIUM FAN ROOMS (MAY BE FOUND IN OTHER PORTIONS OF THE
 SUPPLY DUCT)
 SHEETROCK CEILING (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -30,000 SQ FT. LOWER LEVEL: 17-19, 23, 24, CORRIDORS J, K, L; MAIN
 LEVEL: 123, 124-133, 130A, 130B, 138, 140, 142, 144, 144A, 144B; UPPER LEVEL: 218, 222-231, 235, CORRIDORS 200D, 100H, 100R
 CHEMISTRY FUME HOOD EXHAUST COVER DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -180 SQ FT. 141, 232
 WALL CARPET ADHESIVE, -1,000 SQ FT. 122, 144
 WOOD WALL PANELING ADHESIVE, -1,000 SQ FT. 120A, 120B
 VINYL WALL COVERING, -1,800 SQ FT. 144
 9"X9" TAN FLOOR TILES & ADHESIVE, -7,000 SQ FT. LOWER LEVEL: 16, CORRIDORS J, K, L; MAIN LEVEL: 129, 144, 144A, CORRIDORS 100H, 100R,
 UPPER LEVEL: CORRIDOR 200
 9"X9" GREENGRAY FLOOR TILES & ADHESIVE, -13,000 SQ FT. LOWER LEVEL: 13, 21, 22, 24, 27, MAIN LEVEL: 123, 124, 125A, 127, 128, 129, 130A,
 148, 152, 153, 153A, 155, 156, 157, UPPER LEVEL: 218, 224, 225, 227, 228, 229, 230, 231, 235
 9"X9" BROWN FLOOR TILES & ADHESIVE, -800 SQ FT. LOWER LEVEL: 16, MAIN LEVEL: 139
 12"X12" BROWN FLOOR TILES & ADHESIVE, -250 SQ FT. LOWER LEVEL: 22
 WHITE/BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), -200 SQ FT. MAIN LEVEL: 120A, 120B
 FLOOR CARPET ADHESIVE, -8,200 SQ FT. LOWER LEVEL: 21, 22A
 TAN BASE BOARD MOLDING & ADHESIVE, -40 SQ FT. 229
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT. 139
 PINK UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 128, 131
 BLACK UNDERCOATED STAINLESS STEEL SINK BASIN, -25 SQ FT. 13, 15, 20, 22A
 PURPLE UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 224, 229
 TRANSITE COUNTER TOPS, -80 SQ FT. 13, 15, 24, 25, 25A, 26, 27, 141
 INTERIOR FUME HOOD LINING (TRANSITE), -30 SQ FT. 25
 GOLD STAGE FIRE CURTAIN, -300 SQ FT. 144 AUDITORIUM STAGE
 RED STAGE FIRE CURTAIN, -300 SQ FT. 144 AUDITORIUM STAGE
ADDITION #1:
 WALL/FITTING PLASTER, -3,800 SQ FT. LOWER LEVEL: G, 10B, 12A, 12G, STAIRWELL, ST5; MAIN LEVEL: 151, 152, STAIRWELLS ST2A5,
 CORRIDOR 100C, UPPER LEVEL: ST2, ST5
ADDITION #2:
 PIPE ELBOW/FITTING INSULATION, -45 LF. 10B, 10C, 12, 153, 236, 238
 INTERIOR DUCT INSULATION & ADHESIVE, -100 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT
 WORK)
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,100 SQ FT. LOWER LEVEL: 10C, 12A, 12B, 12G, 12F; MAIN LEVEL: 150, 151,
 152, STAIRWELLS ST2 & 5 END CORRIDOR 100C
 9"X9" TAN FLOOR TILES & ADHESIVE, -6,300 SQ FT. LOWER LEVEL: 9, 10, 10B, MAIN LEVEL: 153A, 153B, CORRIDOR 100C
 12"X12" TAN/WHITE/BROWN FLOOR TILES & ADHESIVE, -175 SQ FT. MAIN LEVEL: STAIRWELL ST2
 BROWN BASE BOARD MOLDING & ADHESIVE, -425 SQ FT. 10, 10B, CORRIDOR 100C
 HVAC DUCT WORK CALKING, -50 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORK)
 WALL CEILING PLASTER, -10,000 SQ FT. 145, 145A, 1451, 146, 146D-K, 147, 148, 1000 COAT, 1000 LOBBY, STAIRWELL ST3, CORRIDORS 100 G, H,
 N
 PIPE ELBOW/FITTING INSULATION, -4 LF. 145C
 SHEETROCK CEILING (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -9,000 SQ FT. 145A-145I, 146, 146A-146K, 147, 148, 154, STAIRWELL ST3, 1000
 COAT, CORRIDORS 100G, H, N
 9"X9" TAN FLOOR TILES & ADHESIVE, -2,000 SQ FT. 145A-H, 146, 146A-K, CORRIDOR 100G
 9"X9" WHITE FLOOR TILES & ADHESIVE, -2,200 SQ FT. 145, 145A, CORRIDOR 100G
 12"X12" WHITE/BLACK FLOOR TILE & ADHESIVE, -1,700 SQ FT. CORRIDOR 100M
 12"X12" WHITE/TAN/BROWN FLOOR TILE & ADHESIVE, -4,200 SQ FT. 1000 COAT CORRIDOR 100G
 FLOOR CARPET ADHESIVE, -2,700 SQ FT. 145A, 146, 146I, 146K, 1000 LOBBY
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT. 146A, 146B
RENOVATION CONSTRUCTION:
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,600 SQ FT. 123, 124, 153, 236
 12"X12" WHITE FLOOR TILES & ADHESIVE, -3,200 SQ FT. 12A, 153, 236
 FLOOR CARPET ADHESIVE, -4,000 SQ FT. 14, 15, 20, 20A, 26, 130A, 130B, 130C
 GRAY SPECKLED SHEET VINYL FLOOR COVERING (LINOLEUM), -1,100 SQ FT. 25, 25A
 BASE BOARD MOLDING & ADHESIVE, -250 SQ FT. 12A, 130A, 130B, 153, 236
 WHITE/GRAY UNDERCOATED STAINLESS STEEL SINK BASIN, 20 SQ FT. 14
 MAROON BASE BOARD MOLDING & ADHESIVE, -150 SQ FT. N1, N1A, N2, N3, N3A, N3B, N3C, N3D, N3E, N3F, N3G, N3H, N40, N42, 304, 342, CORRIDOR, MAIN LEVEL
 LEVEL OFFICES
 FLOOR CARPET ADHESIVE, -1,500 SQ FT. N12, N31, N31A, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, 342, CORRIDOR, MAIN LEVEL
 OFFICES
 12"X12" CREAM/GRAY SPECKLED FLOOR TILE & ADHESIVE, -500 SQ FT. CAFFETERIA, KITCHEN
 CE

LHS - LOWER LEVEL - MAIN BUILDING

FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM

Western Technologies, Inc.

Job No. 6120JW137

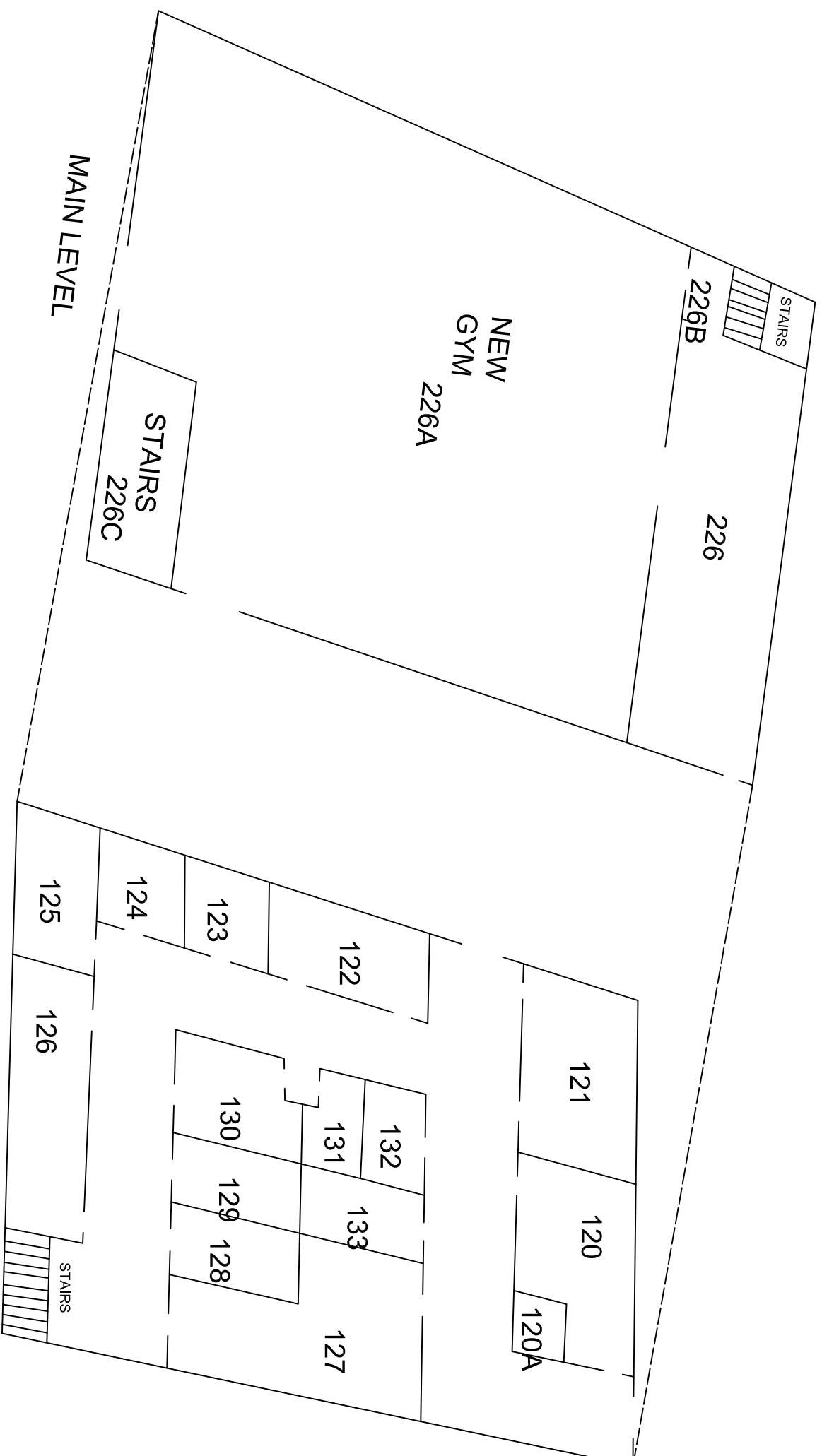
Figure: 5

LEGEND:

ARCHITECTURAL SIGN OFF LETTER
DATED 12/2000

NO RECENT CHANGES OR ADDITIONS
HAVE OCCURRED SINCE 2000

NO ACM PRESENT IN NEW GYM AREA



APPROXIMATELY 1 inch = 20 feet

LHS -NEW GYM - MAIN BUILDING

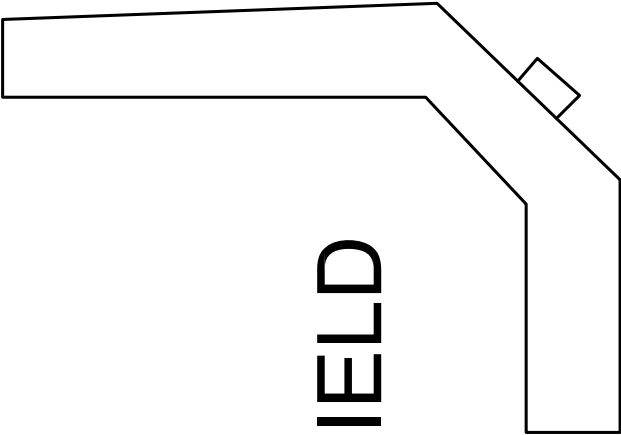
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM

Western Technologies, Inc.

Job No. 6120JW137

Figure: 6

BASEBALL BLEACHERS AND PRESS BOX

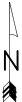


BASEBALL FIELD

RESTR

LEGEND

NO ACM FOUND

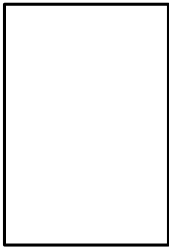
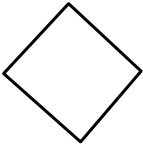


APPROXIMATELY 1 inch = 50 feet

LOGAN HIGH SCHOOL - BASEBALL FIELD	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 7

FOOTBALL FIELD

FOOTBALL STANDS AND STORAGE AREA



RESTROOMS AND STORAGE

LEGEND

NO ACM FOUND



APPROXIMATELY 1 inch = 30 feet

LOGAN HIGH SCHOOL - FOOTBALL STANDS/STORAGE	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 8

STORAGE GARAGE

LEGEND

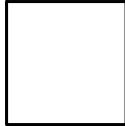
NO ACM FOUND



APPROXIMATELY 1 inch = 40 feet

LOGAN HIGH SCHOOL - STORAGE GARAGE	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 9

OLD WOODRUFF BUILDING



STORAGE GARAGE

LEGEND

NO ACM FOUND



APPROXIMATELY 1 inch = 50 feet

LOGAN HIGH SCHOOL - STORAGE GARAGE	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure -10

SOFTBALL FIELD

STORAGE SHED



LEGEND

NO ACM FOUND



APPROXIMATELY 1 inch = 20 feet

LOGAN HIGH SCHOOL - STORAGE SHED	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 11

APPENDIX B

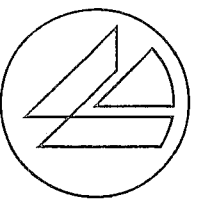


TABLE 1
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah	AREA: Old Woodruff Building	PROJECT NO: 6120JW137	
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FRIABLE/ NON FRIABLE	COMMENTS
	FUNCTIONAL SPACE	F/NF	Comments

NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.

Original Construction

N/A	Valve Packing and Gaskets	-	-	-	-	-	-	-	No Longer Present
N/A	Adhesive (under carpet)	1, 1c, 2, 2b, 3, 4, 4a, 6, 6a, 7, 8, 9, 10, 11, 15, 15a, 17, 18, 19, 20, 22, 22a	NF	Misc.	12,000	Assumed	Good		
N/A	Adhesive (under carpet on walls)	2, 6, 7, 9, 14, 18, 20, 22, 22a	NF	Misc.	6,200	Assumed	Good		
N/A	Sheet Vinyl Floor Covering (Green, Paper Backing, & Adhesive)	1b, 2, Corridors	NF	Misc.	1,850	Assumed	Good		
N/A	Sheet Vinyl Floor Covering (White & Gray, Paper Backing, & Adhesive)	10	NF	Misc.	150	Assumed	Good		
N/A	Sheet Vinyl Floor Covering (Brown, Paper Backing, & Adhesive)	1, 1a, 1c, 2, 2a, RR6, Corridors	NF	Misc.	1,850	Assumed	Good		
N/A	Sheet Vinyl Floor Covering (Tan, Paper Backing, & Adhesive)	4, 4a	NF	Misc.	275	Assumed	Good		
N/A	Sheet Vinyl Floor Covering (Tan & White, Paper Backing, & Adhesive)	3, 19	NF	Misc.	3,000	Assumed	Good		
N/A	Sheet Vinyl Floor Covering (Tan & Brown, Paper Backing, & Adhesive)	11	NF	Misc.	150	Assumed	Good		

TABLE 1
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
N/A	Sheet Vinyl Floor Covering (Tan & Cream, Paper Backing & Adhesive)	15c	NF	Misc.	150	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - Tan)	6b, 11, 17	NF	Misc.	975	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - Gray)	10	NF	Misc.	720	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - White)	18, 20	NF	Misc.	1,400	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12-inch - White)	3a, RR2, RR7	NF	Misc.	300	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12-inch - Tan)	15, 15c	NF	Misc.	600	Assumed	Good	
N/A	Covebase Molding & Adhesive (2-inch Brown)	3 (adhesive only), 3a	NF	Misc.	40	Assumed	Good	
N/A	Covebase Molding & Adhesive (4-inch Purple)	11, 22, 22a	NF	Misc.	460	Assumed	Good	
N/A	Stage Fire Curtain (Red)	Stage	NF	Misc.	1000	Assumed	Good	
N/A	Stage Fire Curtain (Tan)	Stage	NF	Misc.	1,000	Assumed	Good	
N/A	Duct Seam Caulking (Gray)	Attic	NF	Misc.	300	Assumed	Good	
N/A	Attic Insulation (Gray)	Attic	F	Misc.	40,000	Assumed	Good	
N/A	Window Glaze	B3	NF	Misc.	10	Assumed	Good	
N/A	Window Caulking	All Windows	NF	Misc.	800	Assumed	Good	

Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled

TABLE 1
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
W-1, W-2, W-3, W-4	Sink Undercoating (Stainless Steel)	9, 14, 15	NF	Misc.	16	3% Chrysotile	Good	
W-5, W-6, W-7	Acoustical Ceiling Tile & Adhesive (12-inch Poc Marked)	14, 22, 22a	F	Misc.	3200	No	Good	
W-8, W-9, W-10	Suspended Acoustical Ceiling Tiles (2'x4' and 2'x2' - cutdown)	4, 4a, 15, RR2, RR7	F	Misc.	1,250	No	Good	2'x2' tiles are cut 2'x4' tiles
W-11, W-12, W-13	Acoustical Ceiling Tile & Adhesive (12-inch Mild Texture)	9, West Corridor	F	Misc.	1,300	No	Good	
W-14, W-15, W-16	Acoustical Ceiling Tile & Adhesive (12-inch Medium/Large Hole - Uniform Pinhole Pattern)	4, 4a, 9, 10, 11, 17	F	Misc.	2,500	No	Good	
W-17, W-18, W-19	Acoustical Ceiling Tile & Adhesive (12-inch Medium Hole - Uniform Pattern)	7	F	Misc.	400	No	Good	
W-20, W-21, W-22	Acoustical Ceiling Tile & Adhesive (12-inch Rough Texture)	2, 18, 19, 20, 21	F	Misc.	4,000	No	Good	
W-23, W-24, W-25	Pipe Insulation and Pipe Fittings	Crawlspace	F	TSI	650 lf	90% Chrysotile	Damaged	Some TSI is old aircell type insulation other areas have newer fiberglass insulation that is non- asbestos, damaged areas are on the old aircell insulation

TABLE 2
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	QUANTITY SF	ACM	Condition	Comments
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.							
Original Construction							
N/A	Vibration Dampner (Black Vinyl)	108	NF	Misc.	50	Assumed	Good
N/A	HVAC Sealant (aka Gray Duct Caulk)	111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213	NF	Misc.	300	Assumed	Good
N/A	Duct Sealant (White)	-	-	-	-	-	No Longer Present
N/A	Vinyl Floor Tiles and Adhesive (9-inch Tan/brown)	101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, Corridors 1, 2	NF	Misc.	7,000	Assumed	Good
N/A	Floor Carpet Adhesive	102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213	NF	Misc.	5,500	Assumed	Good
N/A	Floor Carpet Adhesive (Purple)	106	NF	Misc.	500	Assumed	Good
N/A	Covebase Molding & Adhesive (4" Purple)	106, 204	NF	Misc.	250	Assumed	Good
N/A	Covebase Molding & Adhesive (4" Dark Brown)	110, 110A	NF	Misc.	500	Assumed	Good
N/A	Cement Asbestos Cabinet Lining	-	-	-	-	-	No Longer Present
N/A	Interior Kiln Brick	201B	NF	Misc.	100	Assumed	Good
N/A	Incandescent Light Reflective Pad	100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211	NF	Misc.	1,200	Assumed	Good

TABLE 2
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
T-1, T-2, T-3	Acoustical Ceiling Tiles (2'X4' - Medium Fissure Pattern)	101, 102, 102A, 110, 110A, 106, Corridor 1	F	F	Misc.	4,000	No	Good	
T-4, T-5, T-6	Acoustical Ceiling Tiles (12 inch - Medium Fissure Pattern)	201, 201A, 201B, 202, 203, 204, 206, 210, 211, 212, Corridor 2	F	F	Misc.	6,250	No	Good	
T-7, T-8, T-9	Thermal Systems Insulation (mud fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	F	TSI	500 If	Yes (5% Chrysotile)	Good	Some mud fittings visible
T-10, T-11, T-12	Duct Seam Tape	Rooms 101A,101B	F	F	TSI	200	No	Good	
T-13, T-14, T-15	Thermal Systems Insulation (mag block fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	F	TSI	500 If	Yes (5% Chrysotile)	Good	Some mud fittings visible
T-16, T-17, T-18	Structural Fireproofing	111, 111A, 111B, 111E, 111F, yearbook room, garage	F	F	Surfacing	5,000	No	Good	
T-19, T-20-, T-21	Sink Coating	E 201	F	F	Surfacing	4	Yes (5% Chrysotile)	Good	Pink sprayed-on material only, 1 sink

TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah	AREA: Main Building	PROJECT NO: 6120JW137	
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FRIABLE/ NON FRIABLE	COMMENTS
	FUNCTIONAL SPACE	F/NF	Comments

NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.

Original Construction

N/A	Pipe Elbow/Fitting Insulation	Tunnels	F	TSI	200 lf	Assumed	Good		
N/A	Tank Insulation (End Caps)	Boiler Rm 028	F	TSI	115	Assumed	Good		
N/A	Tank Insulation	140	F	TSI	80	Assumed	Good		
N/A	Boiler Exhaust Flue Insulation	Boiler Rm 028	F	TSI	50 lf	Assumed	Good		
N/A	Boiler Door Gaskets	Boiler Rm 028	NF	Misc.	50	Assumed	Good		
N/A	Pipe Elbow/Fitting Insulation	15, 17a, 20, 21, 22, 22a, 28, 29, 30, 120, 121, 125a, 129, 130a, 139, 140, 141, 142, 144, Upper Level Fan Rooms, 144c, 222a (additional fittings may be found above the original plaster ceilings within the classrooms & corridors)	F	TSI	500 lf	Assumed	Good		
N/A	Valve Packings & Gaskets	Boiler Rm 028	NF	Misc.	~200 sq ft	Assumed	Good		

**TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Interior Duct Insulation & Adhesive	140, 144, Auditorium Fan Rooms (May be found in other portions of the supply duct)	NF	Misc.	200	Assumed	Good	
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	Lower Level: 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-133, 130a, 130b, 138, 140, 142, 144, 144a, 144b; Upper Level: 218, 222- 231, 235, Corridors 200D, 100H, 100R	NF	Misc.	30,000	Assumed	Good	
N/A	Chemistry Fume Hood Exhaust Cover Drywall system (sheetrock, tape, joint compound)	141, 232	NF	Misc.	150	2% Chrysoile	Good	
N/A	Wall Carpet Adhesive	122, 144	NF	Misc.	1,000	Assumed	Good	
N/A	Wood Wall Paneling Adhesive	120a, 120b	NF	Misc.	1,000	Assumed	Good	
N/A	Vinyl Wall Covering	144	NF	Misc.	1,800	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9-inch Tan)	Lower Level: 16, Corridors j, k, l; Main Level: 139, 144, 144a, Corridors 100H, 100 R; Upper Level: Corridor 200	NF	Misc.	7,000	Assumed	Good	

TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137						
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 13, 21, 22, 24, 27; Main Level: 122, 123, 124, 125a, 127, 128, 129, 130a, 134b, 132, 133, 133a, 135, 136, 137; Upper Level: 218, 224, 225, 227, 228, 229, 230, 231, 235		NF	Misc.	13,000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 16; Main Level: 139		NF	Misc.	800	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (12-inch Brown)	Lower Level: 22		NF	Misc.	250	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (White/Brown)	Main Level: 120a, 120b		NF	Misc.	240	30% Chrysotile	Good	
N/A	Floor Carpet Adhesive	Lower Level: 21, 22a		NF	Misc.	8,200	Assumed	Good	
N/A	Covebase Molding & Adhesive (Tan)	229		NF	Misc.	40	Assumed	Good	
N/A	Covebase Molding & Adhesive (Dark Brown)	139		NF	Misc.	50	Assumed	Good	
N/A	Sink Basin Undercoat (Pink)	128, 131		NF	Misc.	10	Assumed	Good	
N/A	Sink Basin Undercoat (Black)	13, 15, 20, 22a		NF	Misc.	25	Assumed	Good	
N/A	Sink Basin Undercoat (Purple)	224, 229		NF	Misc.	10	16% Chrysotile	Good	
N/A	Cement Asbestos Counter Tops	13, 15, 24, 25, 25a, 26, 27, 141		NF	Misc.	80	25% Chrysotile	Good	
N/A	Interior Fume Hood Lining (Transite)	25		NF	Misc.	30	Assumed	Good	

**TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Stage Fire Curtain (Gold)	144 Auditorium Stage	NF	NF	Misc.	300	Assumed	Good	
N/A	Stage Fire Curtain (Red)	144 Auditorium Stage	NF	NF	Misc.	300	Assumed	Good	

Addition #1

N/A	Wall/Ceiling Plaster	Lower Level: G, 10b, 12a, 12g, Stairwell, ST5; Main Level: 151, 152, Stairwells ST2&5, Corridor 100C; Upper Level: ST2, ST5	NF	NF	Misc.	3800	Assumed	Good	One sample collected in June 1990 was non-detect for asbestos
N/A	Pipe Elbow/Fitting Insulation	10b, 10c, 12, 153, 236, 238	F	F	TSI	45 lf	Assumed	Good	
N/A	Interior Duct Insulation & Adhesive	238 Fan Room (May also be present in other portions of the supply duct work)	NF	NF	Misc.	100	Assumed	Good	
N/A	Drywall System (Sheetrock, tape, joint compound)	Lower Level: 10b, 10c, 12a, 12b, 12g, 12f; Main Level: 150, 151, 152, Stairwells ST2 & 5, End Corridor 100c	NF	NF	Misc.	3100	Assumed	Good	
N/A	9"x9" Tan Floor Tiles & Adhesive	Lower Level: 9, 10, 10b; Main Level: 153a, 153b, Corridor 100C	NF	NF	Misc.	6300	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (12-inch Tan/White/Brown)	Main Level: Stairwell ST2	NF	NF	Misc	175	Assumed	Good	
N/A	Covebase Molding & Adhesive (Brown)	10, 10b, Corridor 100c	NF	NF	Misc.	425	Assumed	Good	

TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	HVAC Duct Work Caulking	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	50	Assumed	Good	
Addition #2								
N/A	Wall/Ceiling Plaster	145, 145a, 145i, 146, 146d-k, 147, 148, 100j Coat, 100j Lobby, Stairwell ST3, Corridors 100 g, h, n	NF	Misc.	10000	Assumed	Good	One sample collected in June 1990 was non- detect for asbestos
N/A	Pipe Elbow/Fitting Insulation	145c	F	TSI	~ 4 lf	Assumed	Good	
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	145a-145i, 146, 146a- 146k, 147, 148, 154, Stairwell ST3, 100J Coat, Corridors 100g, h, n	NF	Misc.	9000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Tan)	145a-h, 146, 146a-k, Corridor 100g	NF	Misc.	3000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9"x9" White)	145, 145a, Corridor 100g	NF	Misc.	2200	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Black)	Corridor 100m	NF	Misc.	1700	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Tan/Brown)	100J Coat, Corridor 100g	NF	Misc.	4200	Assumed	Good	
N/A	Floor Carpet Adhesive	145a, 146, 146j, 146k, 100j Lobby	NF	Misc.	2700	Assumed	Good	
N/A	Covebase Molding & Adhesive (Dark Brown)	146a, 146b	NF	Misc.	50	Assumed	Good	
Renovation Construction								

**TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137	FRIABLE/ NON FRIABLE	F/INF	FUNCTIONAL SPACE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION										
N/A	Drywall System (sheetrock, tape, joint compound)	123, 124, 153, 236		NF		Misc.	3600	Assumed	Good		
N/A	Vinyl Floor Tiles & Adhesive (12"x12" White)	12a, 153, 236		NF		Misc.	3200	Assumed	Good		
N/A	Floor Carpet Adhesive	14, 15, 20, 20a, 26, 130a, 130b, 130c		NF		Misc.	4000	Assumed	Good		
N/A	Sheet Vinyl Floor Covering (Gray Speckled)	25, 25a		NF		Misc.	1100	Assumed	Good		
N/A	Covebase Molding & Adhesive	12a, 130a, 130b, 153, 236		NF		Misc.	250	Assumed	Good		
N/A	Sink Undercoated (White/Gray)	14		NF		Misc.	20	Assumed	Good		
N/A	Covebase Molding & Adhesive (Maroon)	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices		NF		Misc.	150	Assumed	Good		
N/A	Floor Carpet Adhesive	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices		NF		Misc.	1500	Assumed	Good		
N/A	Vinyl Floor Tile & Adhesive (12"x12" Cream/Gray Speckled)	Cafeteria, Kitchen		NF		Misc.	500	Assumed	Good		
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled											

**TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
M-1, M-2, M-3	Acoustical Ceiling Tiles (Medium Fissure - 2'x2')	10, 12a, 14, 15, 26, 123, 124, 130a, 130b, 153, 236, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, Corridor, Main Level Offices	NF	Misc.	13400	No	Good	
M-4, M-5, M-6	Acoustical Ceiling Tiles (Medium Fissure - 2'x4')	101E, 105, 106, 108, 109, 111, 113, 2a, 6, 141, 145	NF	Misc.	5000	No	Good	
M-7, M-8, M-9	Acoustical Ceiling Tiles (Medium Fissure - 12"x12")	104, 100g, 148, 148a-f, 10r, 1; Upper Level: Media Center Rooms 224-229	NF	Misc.	6,400	No	Good	
M-10, M-11, M-12	Acoustical Ceiling Tiles & Adhesive (Rough Texture/Small Pinhole - 12"x12")	Lower Level: Cafeteria & Kitchen, 10, 10b, 10c, 12, 12a-j, 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-129, 131-133, 135, 136, 138, 140, 142, 144, 144a, 144b, Corridors 100H, 100R, 150, 152, Stairwells ST2 & 5, Corridor 100C, Chemistry areas; Upper Level: 218, 222, 223, 230, 231, 235, Corridor 200D	NF	Misc.	1,100	No	Good	
M-13, M-14, M-15	Acoustical Ceiling Tiles (Wrinkle Pattern - 2'x4')	N19, N18, 20a, N14, N13	NF	Misc.	2,000	No	Good	

**TABLE 3
GENERAL INVENTORY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137						
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
M-16, M-17, M-18	Acoustical Ceiling Tiles (Large Pinhole - 12" x 12")	Lower Level: 14-16, 25, 25a, 26, Corridors j, k, l; Main Level: 141, 142, Corridors 100H, 100R, N16, N15, N16a		NF	Misc.	14,000	No	Good	
M-19, M-20, M-21	Thermal System Insulation (Mud Fittings)	140, 124g (chase)		F	TSI	~500 lf	3 to 5% Chrysotile	Good	
M-22, M-23, M-24	Thermal System Insulation (Boiler)	140		F	TSI	80	10% Amosite, 10% Chrysotile	Good	
M-25, M-26, M-27	Sink Undercoating	Ceramic Room		NF	Misc.	10	No	Good	

APPENDIX C

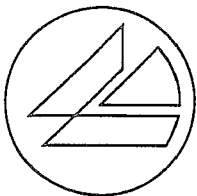


TABLE 1
SUMMARY OF ACBMS OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building	FRIABLE/ NON FRIABLE	PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Adhesive (under carpet)	1, 1c, 2, 2b, 3, 4, 4a, 6, 6a, 7, 8, 9, 10, 11, 15, 15a, 17, 18, 19, 20, 22, 22a	NF	Misc.	12,000	Assumed	Good	
N/A	Adhesive (under carpet on walls)	2, 6, 7, 9, 14, 18, 20, 22, 22a	NF	Misc.	6,200	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Green, Paper Backing, & Adhesive)	1b, 2, Corridors	NF	Misc.	1,850	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (White & Gray, Paper Backing, & Adhesive)	10	NF	Misc.	150	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Brown, Paper Backing, & Adhesive)	1, 1a, 1c, 2, 2a, RR6, Corridors	NF	Misc.	1,850	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Tan, Paper Backing, & Adhesive)	4, 4a	NF	Misc.	275	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Tan & White, Paper Backing, & Adhesive)	3, 19	NF	Misc.	3,000	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Tan & Brown, Paper Backing, & Adhesive)	11	NF	Misc.	150	Assumed	Good	

TABLE 1
SUMMARY OF ACBMS OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
N/A	Sheet Vinyl Floor Covering (Tan & Cream, Paper Backing & Adhesive)	15c	NF	Misc.	150	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - Tan)	6b, 11, 17	NF	Misc.	975	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - Gray)	10	NF	Misc.	720	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - White)	18, 20	NF	Misc.	1,400	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12-inch - White)	3a, RR2, RR7	NF	Misc.	300	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12-inch - Tan)	15, 15c	NF	Misc.	600	Assumed	Good	
N/A	Covebase Molding & Adhesive (2-inch Brown)	3 (adhesive only), 3a	NF	Misc.	40	Assumed	Good	
N/A	Covebase Molding & Adhesive (4-inch Purple)	11, 22, 22a	NF	Misc.	460	Assumed	Good	
N/A	Stage Fire Curtain (Red)	Stage	NF	Misc.	1000	Assumed	Good	
N/A	Stage Fire Curtain (Tan)	Stage	NF	Misc.	1,000	Assumed	Good	
N/A	Duct Seam Caulking (Gray)	Attic	NF	Misc.	300	Assumed	Good	
N/A	Attic Insulation (Gray)	Attic	F	Misc.	40,000	Assumed	Good	
N/A	Window Glaze	B3	NF	Misc.	10	Assumed	Good	
N/A	Window Caulking	All Windows	NF	Misc.	800	Assumed	Good	

Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled

TABLE 1
SUMMARY OF ACBMS OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
W-1, W-2, W-3, W-4	Sink Undercoating (Stainless Steel)	9, 14, 15	NF	Misc.	16	3% Chrysotile	Good	
W-5, W-6, W-7	Acoustical Ceiling Tile & Adhesive (12-inch Poc Marked)	14, 22, 22a	F	Misc.	3200	No	Good	
W-8, W-9, W-10	Suspended Acoustical Ceiling Tiles (2'x4' and 2'x2' - cutdown)	4, 4a, 15, RR2, RR7	F	Misc.	1,250	No	Good	2'x2' tiles are cut 2'x4' tiles
W-11, W-12, W-13	Acoustical Ceiling Tile & Adhesive (12-inch Mild Texture)	9, West Corridor	F	Misc.	1,300	No	Good	
W-14, W-15, W-16	Acoustical Ceiling Tile & Adhesive (12-inch Medium/Large Hole - Uniform Pinhole Pattern)	4, 4a, 9, 10, 11, 17	F	Misc.	2,500	No	Good	
W-17, W-18, W-19	Acoustical Ceiling Tile & Adhesive (12-inch Medium Hole - Uniform Pattern)	7	F	Misc.	400	No	Good	
W-20, W-21, W-22	Acoustical Ceiling Tile & Adhesive (12-inch Rough Texture)	2, 18, 19, 20, 21	F	Misc.	4,000	No	Good	
W-23, W-24, W-25	Pipe Insulation and Pipe Fittings	Crawlspace	F	TSI	650 lf	90% Chrysotile	Damaged	Some TSI is old aircell type insulation other areas have newer fiberglass insulation that is non- asbestos, damaged areas are on the old aircell insulation

**TABLE 2
SUMMARY OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	FRIABLE/ NON FRIABLE	PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Vibration Dampner (Black Vinyl)	108	NF	Misc.	50	Assumed	Good	
N/A	HVAC Sealant (aka Gray Duct Caulk)	111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213	NF	Misc.	300	Assumed	Good	
N/A	Vinyl Floor Tiles and Adhesive (9-inch Tan/brown)	101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, Corridors 1, 2	NF	Misc.	7,000	Assumed	Good	
N/A	Floor Carpet Adhesive	102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213	NF	Misc.	5,500	Assumed	Good	
N/A	Floor Carpet Adhesive (Purple)	106	NF	Misc.	500	Assumed	Good	
N/A	Covebase Molding & Adhesive (4" Purple)	106, 204	NF	Misc.	250	Assumed	Good	
N/A	Covebase Molding & Adhesive (4" Dark Brown)	110, 110A	NF	Misc.	500	Assumed	Good	
N/A	Interior Kiln Brick	201B	NF	Misc.	100	Assumed	Good	
N/A	Incandescent Light Reflective Pad	100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211	NF	Misc.	1,200	Assumed	Good	

**TABLE 2
SUMMARY OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
T-7, T-8, T-9	Thermal Systems Insulation (mud fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)	Good	Some mud fittings visible
T-13, T-14, T-15	Thermal Systems Insulation (mag block fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)	Good	Some mud fittings visible
T-19, T-20, T-21	Sink Coating	E 201	F	Surfacing	4	Yes (5% Chrysotile)	Good	Pink sprayed-on material only, 1 sink

TABLE 3
 SUMMARY OF ACBMS BY FUNCTIONAL SPACE
 LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.									
Original Construction									
N/A	Pipe Elbow/Fitting Insulation	Tunnels	F	F	TSI	200 lf	Assumed	Good	
N/A	Tank Insulation (End Caps)	Boiler Rm 028	F	F	TSI	115	Assumed	Good	
N/A	Tank Insulation	140	F	F	TSI	80	Assumed	Good	
N/A	Boiler Exhaust Flue Insulation	Boiler Rm 028	F	F	TSI	50 lf	Assumed	Good	
N/A	Boiler Door Gaskets	Boiler Rm 028	NF	NF	Misc.	50	Assumed	Good	
N/A	Pipe Elbow/Fitting Insulation	15, 17a, 20, 21, 22, 22a, 28, 29, 30, 120, 121, 125a, 129, 130a, 139, 140, 141, 142, 144, Upper Level Fan Rooms, 144c, 222a (additional fittings may be found above the original plaster ceilings within the classrooms & corridors)	F	F	TSI	500 lf	Assumed	Good	
N/A	Valve Packings & Gaskets	Boiler Rm 028	NF	NF	Misc.	~200 sq ft	Assumed	Good	

TABLE 3
 SUMMARY OF ACBMS BY FUNCTIONAL SPACE
 LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Interior Duct Insulation & Adhesive	140, 144, Auditorium Fan Rooms (May be found in other portions of the supply duct)	NF	Misc.	200	Assumed	Good	
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	Lower Level: 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-133, 130a, 130b, 138, 140, 142, 144, 144a, 144b; Upper Level: 218, 222-231, 235, Corridors 200D, 100H, 100R	NF	Misc.	30,000	Assumed	Good	
N/A	Chemistry Fume Hood Exhaust Cover Drywall system (sheetrock, tape, joint compound)	141, 232	NF	Misc.	150	2% Chrysotile	Good	
N/A	Wall Carpet Adhesive	122, 144	NF	Misc.	1,000	Assumed	Good	
N/A	Wood Wall Paneling Adhesive	120a, 120b	NF	Misc.	1,000	Assumed	Good	
N/A	Vinyl Wall Covering	144	NF	Misc.	1,800	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9-inch Tan)	Lower Level: 16, Corridors j, k, l; Main Level: 139, 144, 144a, Corridors 100H, 100 R; Upper Level: Corridor 200	NF	Misc.	7,000	Assumed	Good	

TABLE 3
 SUMMARY OF ACBMS BY FUNCTIONAL SPACE
 LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 13, 21, 22, 24, 27; Main Level: 122, 123, 124, 125a 127, 128, 129, 130a, 134b, 132, 133, 133a, 135, 136, 137; Upper Level: 218, 224, 225, 227, 228, 229, 230, 231, 235	NF	Misc.	13,000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 16; Main Level: 139	NF	Misc.	800	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (12-inch Brown)	Lower Level: 22	NF	Misc.	250	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (White/Brown)	Main Level: 120a, 120b	NF	Misc.	240	30% Chrysotile	Good	
N/A	Floor Carpet Adhesive	Lower Level: 21, 22a	NF	Misc.	8,200	Assumed	Good	
N/A	Covebase Molding & Adhesive (Tan)	229	NF	Misc.	40	Assumed	Good	
N/A	Covebase Molding & Adhesive (Dark Brown)	139	NF	Misc.	50	Assumed	Good	
N/A	Sink Basin Undercoat (Pink)	128, 131	NF	Misc.	10	Assumed	Good	
N/A	Sink Basin Undercoat (Black)	13, 15, 20, 22a	NF	Misc.	25	Assumed	Good	
N/A	Sink Basin Undercoat (Purple)	224, 229	NF	Misc.	10	16% Chrysotile	Good	
N/A	Cement Asbestos Counter Tops	13, 15, 24, 25, 25a, 26, 27, 141	NF	Misc.	80	25% Chrysotile	Good	
N/A	Interior Fume Hood Lining (Transite)	25	NF	Misc.	30	Assumed	Good	

**TABLE 3
SUMMARY OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
			F/NF					
N/A	Stage Fire Curtain (Gold)	144 Auditorium Stage	NF	Misc.	300	Assumed	Good	
N/A	Stage Fire Curtain (Red)	144 Auditorium Stage	NF	Misc.	300	Assumed	Good	

Addition #1

N/A	Wall/Ceiling Plaster	Lower Level: G, 10b, 12a, 12g, Stairwell, ST5; Main Level: 151, 152, Stairwells ST2&5, Corridor 100C; Upper Level: ST2, ST5	NF	Misc.	3800	Assumed	Good	One sample collected in June 1990 was non- detect for asbestos
N/A	Pipe Elbow/Fitting Insulation	10b, 10c, 12, 153, 236, 238	F	TSI	45 If	Assumed	Good	
N/A	Interior Duct Insulation & Adhesive	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	100	Assumed	Good	
N/A	Drywall System (Sheetrock, tape, joint compound)	Lower Level: 10b, 10c, 12a, 12b, 12g, 12f; Main Level: 150, 151, 152, Stairwells ST2 & 5, End Corridor 100c	NF	Misc.	3100	Assumed	Good	
N/A	9"x9" Tan Floor Tiles & Adhesive	Lower Level: 9, 10, 10b; Main Level: 153a, 153b, Corridor 100C	NF	Misc.	6300	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (12-inch Tan/White/Brown)	Main Level: Stairwell ST2	NF	Misc.	175	Assumed	Good	
N/A	Covebase Molding & Adhesive (Brown)	10, 10b, Corridor 100c	NF	Misc.	425	Assumed	Good	

TABLE 3
SUMMARY OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	HVAC Duct Work Caulking	238 Fan Room (May also be present in other portions of the supply duct work)		NF	Misc.	50	Assumed	Good	
Addition #2									
N/A	Wall/Ceiling Plaster	145, 145a, 145i, 146, 146d-k, 147, 148, 100j Coat, 100j Lobby, Stairwell ST3, Corridors 100 g, h, n		NF	Misc.	10000	Assumed	Good	One sample collected in June 1990 was non- detect for asbestos
N/A	Pipe Elbow/Fitting Insulation	145c		F	TSI	~ 4 lf	Assumed	Good	
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	145a-145i, 146, 146a- 146k, 147, 148, 154, Stairwell ST3, 100J Coat, Corridors 100g, h, n		NF	Misc.	9000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9" x9" Tan)	145a-h, 146, 146a-k, Corridor 100g		NF	Misc.	3000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9" x9" White)	145, 145a, Corridor 100g		NF	Misc.	2200	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12" x12" White/Black)	Corridor 100m		NF	Misc.	1700	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12" x12" White/Tan/Brown)	100J Coat, Corridor 100g		NF	Misc.	4200	Assumed	Good	
N/A	Floor Carpet Adhesive	145a, 146, 146j, 146k, 100j Lobby		NF	Misc.	2700	Assumed	Good	
N/A	Covebase Molding & Adhesive (Dark Brown)	146a, 146b		NF	Misc.	50	Assumed	Good	
Renovation Construction									

**TABLE 3
SUMMARY OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		FRIABLE/ NON FRIABLE		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments		
N/A	Drywall System (sheetrock, tape, joint compound)	123, 124, 153, 236	NF	Misc.	3600	Assumed	Good			
N/A	Vinyl Floor Tiles & Adhesive (12"x12" White)	12a, 153, 236	NF	Misc.	3200	Assumed	Good			
N/A	Floor Carpet Adhesive	14, 15, 20, 20a, 26, 130a, 130b, 130c	NF	Misc.	4000	Assumed	Good			
N/A	Sheet Vinyl Floor Covering (Gray Speckled)	25, 25a	NF	Misc.	1100	Assumed	Good			
N/A	Covebase Molding & Adhesive	12a, 130a, 130b, 153, 236	NF	Misc.	250	Assumed	Good			
N/A	Sink Undercoated (White/Gray)	14	NF	Misc.	20	Assumed	Good			
N/A	Covebase Molding & Adhesive (Maroon)	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	150	Assumed	Good			
N/A	Floor Carpet Adhesive	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	1500	Assumed	Good			
N/A	Vinyl Floor Tile & Adhesive (12"x12" Cream/Gray Speckled)	Cafeteria, Kitchen	NF	Misc.	500	Assumed	Good			
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled										
M-19, M-20, M-21	Thermal System Insulation (Mud Fittings)	140, 124g (chase)	F	TSI	~ 500 lf	3 to 5% Chrysotile	Good			

**TABLE 3
SUMMARY OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
M-22, M-23, M-24	Thermal System Insulation (Boiler)	140	F	TSI	80	10% Amosite, 10% Chrysotile	Good	

APPENDIX D



SIX MONTH SURVEILLANCE

SCHEDULE

June 2011

December 2012

June 2012

December 2013

June 2013

3-Year Re-inspection due December 2014

Following are tables that the person conducting the 6-month surveillance can use to document changes in the condition of identified ACMs. Please make copies of these forms for each surveillance task. Please sign and date the bottom of the form in areas provided.

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building	PROJECT NO: 6120JW137						
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.									
Original Construction									
N/A	Adhesive (under carpet)	1, 1c, 2, 2b, 3, 4, 4a, 6, 6a, 7, 8, 9, 10, 11, 15, 15a, 17, 18, 19, 20, 22, 22a	NF	NF	Misc.	12,000	Assumed		
N/A	Adhesive (under carpet on walls)	2, 6, 7, 9, 14, 18, 20, 22, 22a	NF	NF	Misc.	6,200	Assumed		
N/A	Sheet Vinyl Floor Covering (Green, Paper Backing, & Adhesive)	1b, 2, Corridors	NF	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (White & Gray, Paper Backing, & Adhesive)	10	NF	NF	Misc.	150	Assumed		
N/A	Sheet Vinyl Floor Covering (Brown, Paper Backing, & Adhesive)	1, 1a, 1c, 2, 2a, RR6, Corridors	NF	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan, Paper Backing, & Adhesive)	4, 4a	NF	NF	Misc.	275	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & White, Paper Backing, & Adhesive)	3, 19	NF	NF	Misc.	3,000	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & Brown, Paper Backing, & Adhesive)	11	NF	NF	Misc.	150	Assumed		

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Sheet Vinyl Floor Covering (Tan & Cream, Paper Backing & Adhesive)	15c	NF	Misc.	150	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Tan)	6b, 11, 17	NF	Misc.	975	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Gray)	10	NF	Misc.	720	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - White)	18, 20	NF	Misc.	1,400	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - White)	3a, RR2, RR7	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - Tan)	15, 15c	NF	Misc.	600	Assumed		
N/A	Covebase Molding & Adhesive (2-inch Brown)	3 (adhesive only), 3a	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (4-inch Purple)	11, 22, 22a	NF	Misc.	460	Assumed		
N/A	Stage Fire Curtain (Red)	Stage	NF	Misc.	1000	Assumed		
N/A	Stage Fire Curtain (Tan)	Stage	NF	Misc.	1,000	Assumed		
N/A	Duct Seam Caulking (Gray)	Attic	NF	Misc.	300	Assumed		
N/A	Attic Insulation (Gray)	Attic	F	Misc.	40,000	Assumed		
N/A	Window Glaze	B3	NF	Misc.	10	Assumed		
N/A	Window Caulking	All Windows	NF	Misc.	800	Assumed		

Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACMI	CURRENT CONDITION	CHANGES IN ACBMS
W-1, W-2, W-3, W-4	Sink Undercoating (Stainless Steel)	9, 14, 15	NF	Misc.	16	3% Chrysotile		
W-5, W-6, W-7	Acoustical Ceiling Tile & Adhesive (12-inch Poc Marked)	14, 22, 22a	F	Misc.	3200	No		
W-8, W-9, W-10	Suspended Acoustical Ceiling Tiles (2'x4' and 2'x2' - cutdown)	4, 4a, 15, RR2, RR7	F	Misc.	1,250	No		
W-11, W-12, W-13	Acoustical Ceiling Tile & Adhesive (12-inch Mild Texture)	9, West Corridor	F	Misc.	1,300	No		
W-14, W-15, W-16	Acoustical Ceiling Tile & Adhesive (12-inch Medium/Large Hole - Uniform Pinhole Pattern)	4, 4a, 9, 10, 11, 17	F	Misc.	2,500	No		
W-17, W-18, W-19	Acoustical Ceiling Tile & Adhesive (12-inch Medium Hole - Uniform Pattern)	7	F	Misc.	400	No		
W-20, W-21, W-22	Acoustical Ceiling Tile & Adhesive (12-inch Rough Texture)	2, 18, 19, 20, 21	F	Misc.	4,000	No		
W-23, W-24, W-25	Pipe Insulation and Pipe Fittings	Crawlspace	F	TSI	650 lf	90% Chrysotile		

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building	PROJECT NO: 6120JW137						
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.									
Original Construction									
N/A	Adhesive (under carpet)	1, 1c, 2, 2b, 3, 4, 4a, 6, 6a, 7, 8, 9, 10, 11, 15, 15a, 17, 18, 19, 20, 22, 22a	NF	NF	Misc.	12,000	Assumed		
N/A	Adhesive (under carpet on walls)	2, 6, 7, 9, 14, 18, 20, 22, 22a	NF	NF	Misc.	6,200	Assumed		
N/A	Sheet Vinyl Floor Covering (Green, Paper Backing, & Adhesive)	1b, 2, Corridors	NF	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (White & Gray, Paper Backing, & Adhesive)	10	NF	NF	Misc.	150	Assumed		
N/A	Sheet Vinyl Floor Covering (Brown, Paper Backing, & Adhesive)	1, 1a, 1c, 2, 2a, RR6, Corridors	NF	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan, Paper Backing, & Adhesive)	4, 4a	NF	NF	Misc.	275	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & White, Paper Backing, & Adhesive)	3, 19	NF	NF	Misc.	3,000	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & Brown, Paper Backing, & Adhesive)	11	NF	NF	Misc.	150	Assumed		

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Sheet Vinyl Floor Covering (Tan & Cream, Paper Backing & Adhesive)	15c	NF	Misc.	150	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Tan)	6b, 11, 17	NF	Misc.	975	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Gray)	10	NF	Misc.	720	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - White)	18, 20	NF	Misc.	1,400	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - White)	3a, RR2, RR7	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - Tan)	15, 15c	NF	Misc.	600	Assumed		
N/A	Covebase Molding & Adhesive (2-inch Brown)	3 (adhesive only), 3a	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (4-inch Purple)	11, 22, 22a	NF	Misc.	460	Assumed		
N/A	Stage Fire Curtain (Red)	Stage	NF	Misc.	1000	Assumed		
N/A	Stage Fire Curtain (Tan)	Stage	NF	Misc.	1,000	Assumed		
N/A	Duct Seam Caulking (Gray)	Attic	NF	Misc.	300	Assumed		
N/A	Attic Insulation (Gray)	Attic	F	Misc.	40,000	Assumed		
N/A	Window Glaze	B3	NF	Misc.	10	Assumed		
N/A	Window Caulking	All Windows	NF	Misc.	800	Assumed		

Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
W-1, W-2, W-3, W-4	Sink Undercoating (Stainless Steel)	9, 14, 15	NF	Misc.	16	3% Chrysotile		
W-5, W-6, W-7	Acoustical Ceiling Tile & Adhesive (12-inch Poc Marked)	14, 22, 22a	F	Misc.	3200	No		
W-8, W-9, W-10	Suspended Acoustical Ceiling Tiles (2'x4' and 2'x2' - cutdown)	4, 4a, 15, RR2, RR7	F	Misc.	1,250	No		
W-11, W-12, W-13	Acoustical Ceiling Tile & Adhesive (12-inch Mild Texture)	9, West Corridor	F	Misc.	1,300	No		
W-14, W-15, W-16	Acoustical Ceiling Tile & Adhesive (12-inch Medium/Large Hole - Uniform Pinhole Pattern)	4, 4a, 9, 10, 11, 17	F	Misc.	2,500	No		
W-17, W-18, W-19	Acoustical Ceiling Tile & Adhesive (12-inch Medium Hole - Uniform Pattern)	7	F	Misc.	400	No		
W-20, W-21, W-22	Acoustical Ceiling Tile & Adhesive (12-inch Rough Texture)	2, 18, 19, 20, 21	F	Misc.	4,000	No		
W-23, W-24, W-25	Pipe Insulation and Pipe Fittings	Crawlspace	F	TSI	650 lf	90% Chrysotile		

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Adhesive (under carpet)	1, 1c, 2, 2b, 3, 4, 4a, 6, 6a, 7, 8, 9, 10, 11, 15, 15a, 17, 18, 19, 20, 22, 22a	NF	Misc.	12,000	Assumed		
N/A	Adhesive (under carpet on walls)	2, 6, 7, 9, 14, 18, 20, 22, 22a	NF	Misc.	6,200	Assumed		
N/A	Sheet Vinyl Floor Covering (Green, Paper Backing, & Adhesive)	1b, 2, Corridors	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (White & Gray, Paper Backing, & Adhesive)	10	NF	Misc.	150	Assumed		
N/A	Sheet Vinyl Floor Covering (Brown, Paper Backing, & Adhesive)	1, 1a, 1c, 2, 2a, RR6, Corridors	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan, Paper Backing, & Adhesive)	4, 4a	NF	Misc.	275	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & White, Paper Backing, & Adhesive)	3, 19	NF	Misc.	3,000	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & Brown, Paper Backing, & Adhesive)	11	NF	Misc.	150	Assumed		

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
			F/NF					
N/A	Sheet Vinyl Floor Covering (Tan & Cream, Paper Backing & Adhesive)	15c	NF	Misc.	150	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Tan)	6b, 11, 17	NF	Misc.	975	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Gray)	10	NF	Misc.	720	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - White)	18, 20	NF	Misc.	1,400	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - White)	3a, RR2, RR7	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - Tan)	15, 15c	NF	Misc.	600	Assumed		
N/A	Covebase Molding & Adhesive (2-inch Brown)	3 (adhesive only), 3a	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (4-inch Purple)	11, 22, 22a	NF	Misc.	460	Assumed		
N/A	Stage Fire Curtain (Red)	Stage	NF	Misc.	1000	Assumed		
N/A	Stage Fire Curtain (Tan)	Stage	NF	Misc.	1,000	Assumed		
N/A	Duct Seam Caulking (Gray)	Attic	NF	Misc.	300	Assumed		
N/A	Attic Insulation (Gray)	Attic	F	Misc.	40,000	Assumed		
N/A	Window Glaze	B3	NF	Misc.	10	Assumed		
N/A	Window Caulking	All Windows	NF	Misc.	800	Assumed		

Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
W-1, W-2, W-3, W-4	Sink Undercoating (Stainless Steel)	9, 14, 15	NF	Misc.	16	3% Chrysotile		
W-5, W-6, W-7	Acoustical Ceiling Tile & Adhesive (12-inch Poc Marked)	14, 22, 22a	F	Misc.	3200	No		
W-8, W-9, W-10	Suspended Acoustical Ceiling Tiles (2'x4' and 2'x2' - cutdown)	4, 4a, 15, RR2, RR7	F	Misc.	1,250	No		
W-11, W-12, W-13	Acoustical Ceiling Tile & Adhesive (12-inch Mild Texture)	9, West Corridor	F	Misc.	1,300	No		
W-14, W-15, W-16	Acoustical Ceiling Tile & Adhesive (12-inch Medium/Large Hole - Uniform Pinhole Pattern)	4, 4a, 9, 10, 11, 17	F	Misc.	2,500	No		
W-17, W-18, W-19	Acoustical Ceiling Tile & Adhesive (12-inch Medium Hole - Uniform Pattern)	7	F	Misc.	400	No		
W-20, W-21, W-22	Acoustical Ceiling Tile & Adhesive (12-inch Rough Texture)	2, 18, 19, 20, 21	F	Misc.	4,000	No		
W-23, W-24, W-25	Pipe Insulation and Pipe Fittings	Crawlspace	F	TSI	650 lf	90% Chrysotile		

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Adhesive (under carpet)	1, 1c, 2, 2b, 3, 4, 4a, 6, 6a, 7, 8, 9, 10, 11, 15, 15a, 17, 18, 19, 20, 22, 22a	NF	Misc.	12,000	Assumed		
N/A	Adhesive (under carpet on walls)	2, 6, 7, 9, 14, 18, 20, 22, 22a	NF	Misc.	6,200	Assumed		
N/A	Sheet Vinyl Floor Covering (Green, Paper Backing, & Adhesive)	1b, 2, Corridors	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (White & Gray, Paper Backing, & Adhesive)	10	NF	Misc.	150	Assumed		
N/A	Sheet Vinyl Floor Covering (Brown, Paper Backing, & Adhesive)	1, 1a, 1c, 2, 2a, RR6, Corridors	NF	Misc.	1,850	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan, Paper Backing, & Adhesive)	4, 4a	NF	Misc.	275	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & White, Paper Backing, & Adhesive)	3, 19	NF	Misc.	3,000	Assumed		
N/A	Sheet Vinyl Floor Covering (Tan & Brown, Paper Backing, & Adhesive)	11	NF	Misc.	150	Assumed		

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Sheet Vinyl Floor Covering (Tan & Cream, Paper Backing & Adhesive)	15c	NF	Misc.	150	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Tan)	6b, 11, 17	NF	Misc.	975	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - Gray)	10	NF	Misc.	720	Assumed		
N/A	Vinyl Floor Tile & Adhesive (9-inch - White)	18, 20	NF	Misc.	1,400	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - White)	3a, RR2, RR7	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12-inch - Tan)	15, 15c	NF	Misc.	600	Assumed		
N/A	Covebase Molding & Adhesive (2-inch Brown)	3 (adhesive only), 3a	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (4-inch Purple)	11, 22, 22a	NF	Misc.	460	Assumed		
N/A	Stage Fire Curtain (Red)	Stage	NF	Misc.	1000	Assumed		
N/A	Stage Fire Curtain (Tan)	Stage	NF	Misc.	1,000	Assumed		
N/A	Duct Seam Caulking (Gray)	Attic	NF	Misc.	300	Assumed		
N/A	Attic Insulation (Gray)	Attic	F	Misc.	40,000	Assumed		
N/A	Window Glaze	B3	NF	Misc.	10	Assumed		
N/A	Window Caulking	All Windows	NF	Misc.	800	Assumed		
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled								

Date:
Person Conducting Surveillance:

TABLE 1
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	CURRENT CONDITION	CHANGES IN ACBMS
W-1, W-2, W-3, W-4	Sink Undercoating (Stainless Steel)	9, 14, 15	NF	Misc.	16	3% Chrysotile		
W-5, W-6, W-7	Acoustical Ceiling Tile & Adhesive (12-inch Poc Marked)	14, 22, 22a	F	Misc.	3200	No		
W-8, W-9, W-10	Suspended Acoustical Ceiling Tiles (2'x4' and 2'x2' - cutdown)	4, 4a, 15, RR2, RR7	F	Misc.	1,250	No		
W-11, W-12, W-13	Acoustical Ceiling Tile & Adhesive (12-inch Mild Texture)	9, West Corridor	F	Misc.	1,300	No		
W-14, W-15, W-16	Acoustical Ceiling Tile & Adhesive (12-inch Medium/Large Hole - Uniform Pinhole Pattern)	4, 4a, 9, 10, 11, 17	F	Misc.	2,500	No		
W-17, W-18, W-19	Acoustical Ceiling Tile & Adhesive (12-inch Medium Hole - Uniform Pattern)	7	F	Misc.	400	No		
W-20, W-21, W-22	Acoustical Ceiling Tile & Adhesive (12-inch Rough Texture)	2, 18, 19, 20, 21	F	Misc.	4,000	No		
W-23, W-24, W-25	Pipe Insulation and Pipe Fittings	Crawlspace	F	TSI	650 lf	90% Chrysotile		

TABLE 2
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Vibration Dampner (Black Vinyl)	108	NF	Misc.	50	Assumed		
N/A	HVAC Sealant (aka Gray Duct Caulk)	111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tiles and Adhesive (9-inch Tan/brown)	101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, Corridors 1, 2	NF	Misc.	7,000	Assumed		
N/A	Floor Carpet Adhesive	102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213	NF	Misc.	5,500	Assumed		
N/A	Floor Carpet Adhesive (Purple)	106	NF	Misc.	500	Assumed		
N/A	Covebase Molding & Adhesive (4" Purple)	106, 204	NF	Misc.	250	Assumed		
N/A	Covebase Molding & Adhesive (4" Dark Brown)	110, 110A	NF	Misc.	500	Assumed		
N/A	Interior Kiln Brick	201B	NF	Misc.	100	Assumed		
N/A	Incandescent Light Reflective Pad	100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211	NF	Misc.	1,200	Assumed		

TABLE 2
 6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
 LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
T-7, T-8, T-9	Thermal Systems Insulation (mud fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-13, T-14, T-15	Thermal Systems Insulation (mag block fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-19, T-20-, T-21	Sink Coating	E 201	F	Surfacing	4	Yes (5% Chrysotile)		

TABLE 2
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Vibration Dampner (Black Vinyl)	108	NF	Misc.	50	Assumed		
N/A	HVAC Sealant (aka Gray Duct Caulk)	111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tiles and Adhesive (9-inch Tan/brown)	101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, Corridors 1, 2	NF	Misc.	7,000	Assumed		
N/A	Floor Carpet Adhesive	102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213	NF	Misc.	5,500	Assumed		
N/A	Floor Carpet Adhesive (Purple)	106	NF	Misc.	500	Assumed		
N/A	Covebase Molding & Adhesive (4" Purple)	106, 204	NF	Misc.	250	Assumed		
N/A	Covebase Molding & Adhesive (4" Dark Brown)	110, 110A	NF	Misc.	500	Assumed		
N/A	Interior Kiln Brick	201B	NF	Misc.	100	Assumed		
N/A	Incandescent Light Reflective Pad	100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211	NF	Misc.	1,200	Assumed		

TABLE 2
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
T-7, T-8, T-9	Thermal Systems Insulation (mud fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-13, T-14, T-15	Thermal Systems Insulation (mag block fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-19, T-20, T-21	Sink Coating	E 201	F	Surfacing	4	Yes (5% Chrysotile)		

TABLE 2
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Vibration Dampner (Black Vinyl)	108	NF	Misc.	50	Assumed		
N/A	HVAC Sealant (aka Gray Duct Caulk)	111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tiles and Adhesive (9-inch Tan/brown)	101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, Corridors 1, 2	NF	Misc.	7,000	Assumed		
N/A	Floor Carpet Adhesive	102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213	NF	Misc.	5,500	Assumed		
N/A	Floor Carpet Adhesive (Purple)	106	NF	Misc.	500	Assumed		
N/A	Covebase Molding & Adhesive (4" Purple)	106, 204	NF	Misc.	250	Assumed		
N/A	Covebase Molding & Adhesive (4" Dark Brown)	110, 110A	NF	Misc.	500	Assumed		
N/A	Interior Kiln Brick	201B	NF	Misc.	100	Assumed		
N/A	Incandescent Light Reflective Pad	100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211	NF	Misc.	1,200	Assumed		

TABLE 2
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
T-7, T-8, T-9	Thermal Systems Insulation (mud fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-13, T-14, T-15	Thermal Systems Insulation (mag block fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-19, T-20, T-21	Sink Coating	E 201	F	Surfacing	4	Yes (5% Chrysotile)		

TABLE 2
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Vibration Dampner (Black Vinyl)	108	NF	Misc.	50	Assumed		
N/A	HVAC Sealant (aka Gray Duct Caulk)	111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213	NF	Misc.	300	Assumed		
N/A	Vinyl Floor Tiles and Adhesive (9-inch Tan/brown)	101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, Corridors 1, 2	NF	Misc.	7,000	Assumed		
N/A	Floor Carpet Adhesive	102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213	NF	Misc.	5,500	Assumed		
N/A	Floor Carpet Adhesive (Purple)	106	NF	Misc.	500	Assumed		
N/A	Covebase Molding & Adhesive (4" Purple)	106, 204	NF	Misc.	250	Assumed		
N/A	Covebase Molding & Adhesive (4" Dark Brown)	110, 110A	NF	Misc.	500	Assumed		
N/A	Interior Kiln Brick	201B	NF	Misc.	100	Assumed		
N/A	Incandescent Light Reflective Pad	100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211	NF	Misc.	1,200	Assumed		

TABLE 2
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACMI	CURRENT CONDITION	CHANGES IN ACBMS
T-7, T-8, T-9	Thermal Systems Insulation (mud fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-13, T-14, T-15	Thermal Systems Insulation (mag block fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)		
T-19, T-20, T-21	Sink Coating	E 201	F	Surfacing	4	Yes (5% Chrysotile)		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.									
Original Construction									
N/A	Pipe Elbow/Fitting Insulation	Tunnels	F	F	TSI	200 lf	Assumed		
N/A	Tank Insulation (End Caps)	Boiler Rm 028	F	F	TSI	115	Assumed		
N/A	Tank Insulation	140	F	F	TSI	80	Assumed		
N/A	Boiler Exhaust Flue Insulation	Boiler Rm 028	F	F	TSI	50 lf	Assumed		
N/A	Boiler Door Gaskets	Boiler Rm 028	NF	NF	Misc.	50	Assumed		
N/A	Pipe Elbow/Fitting Insulation	15, 17a, 20, 21, 22, 22a, 28, 29, 30, 120, 121, 125a, 129, 130a, 139, 140, 141, 142, 144, Upper Level Fan Rooms, 144c, 222a (additional fittings may be found above the original plaster ceilings within the classrooms & corridors)	F	F	TSI	500 lf	Assumed		
N/A	Valve Packings & Gaskets	Boiler Rm 028	NF	NF	Misc.	~ 200 sq ft	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Interior Duct Insulation & Adhesive	140, 144, Auditorium Fan Rooms (May be found in other portions of the supply duct)		NF	Misc.	200	Assumed		
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	Lower Level: 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-133, 130a, 130b, 138, 140, 142, 144, 144a, 144b; Upper Level: 218, 222- 231, 235, Corridors 200D, 100H, 100R		NF	Misc.	30,000	Assumed		
N/A	Chemistry Fume Hood Exhaust Cover Drywall system (sheetrock, tape, joint compound)	141, 232		NF	Misc.	150	2% Chrysotile		
N/A	Wall Carpet Adhesive	122, 144		NF	Misc.	1,000	Assumed		
N/A	Wood Wall Paneling Adhesive	120a, 120b		NF	Misc.	1,000	Assumed		
N/A	Vinyl Wall Covering	144		NF	Misc.	1,800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Tan)	Lower Level: 16, Corridors j, k, l; Main Level: 139, 144, 144a, Corridors 100H, 100 R; Upper Level: Corridor 200		NF	Misc.	7,000	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 13, 21, 22, 24, 27; Main Level: 122, 123, 124, 125a 127, 128, 129, 130a, 134b, 132, 133, 133a, 135, 136, 137; Upper Level: 218, 224, 225, 227, 228, 229, 230, 231, 235	NF	Misc.	13,000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 16; Main Level: 139	NF	Misc.	800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Brown)	Lower Level: 22	NF	Misc.	250	Assumed		
N/A	Sheet Vinyl Floor Covering (White/Brown)	Main Level: 120a, 120b	NF	Misc.	240	30% Chrysotile		
N/A	Floor Carpet Adhesive	Lower Level: 21, 22a	NF	Misc.	8,200	Assumed		
N/A	Covebase Molding & Adhesive (Tan)	229	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (Dark Brown)	139	NF	Misc.	50	Assumed		
N/A	Sink Basin Undercoat (Pink)	128, 131	NF	Misc.	10	Assumed		
N/A	Sink Basin Undercoat (Black)	13, 15, 20, 22a	NF	Misc.	25	Assumed		
N/A	Sink Basin Undercoat (Purple)	224, 229	NF	Misc.	10	16% Chrysotile		
N/A	Cement Asbestos Counter Tops	13, 15, 24, 25, 25a, 26, 27, 141	NF	Misc.	80	25% Chrysotile		
N/A	Interior Fume Hood Lining (Transite)	25	NF	Misc.	30	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Stage Fire Curtain (Gold)	144 Auditorium Stage	NF	Misc.	300	Assumed		
N/A	Stage Fire Curtain (Red)	144 Auditorium Stage	NF	Misc.	300	Assumed		

Addition #1

N/A	Wall/Ceiling Plaster	Lower Level: G, 10b, 12a, 12g, Stairwell, ST5; Main Level: 151, 152, Stairwells ST2&5, Corridor 100C; Upper Level: ST2, ST5	NF	Misc.	3800	Assumed		
N/A	Pipe Elbow/Fitting Insulation	10b, 10c, 12, 153, 236, 238	F	TSI	45 lf	Assumed		
N/A	Interior Duct Insulation & Adhesive	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	100	Assumed		
N/A	Drywall System (Sheetrock, tape, joint compound)	Lower Level: 10b, 10c, 12a, 12b, 12g, 12f; Main Level: 150, 151, 152, Stairwells ST2 & 5, End Corridor 100c	NF	Misc.	3100	Assumed		
N/A	9"x9" Tan Floor Tiles & Adhesive	Lower Level: 9, 10, 10b; Main Level: 153a, 153b, Corridor 100C	NF	Misc.	6300	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Tan/White/Brown)	Main Level: Stairwell ST2	NF	Misc	175	Assumed		
N/A	Covebase Molding & Adhesive (Brown)	10, 10b, Corridor 100c	NF	Misc.	425	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	HVAC Duct Work Caulking	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	50	Assumed		
Addition #2								
N/A	Wall/Ceiling Plaster	145, 145a, 145i, 146, 146d-k, 147, 148, 100j Coat, 100j Lobby, Stairwell ST3, Corridors 100 g, h, n	NF	Misc.	10000	Assumed		
N/A	Pipe Elbow/Fitting Insulation	145c	F	TSI	~ 4 lf	Assumed		
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	145a-145i, 146, 146a- 146k, 147, 148, 154, Stairwell ST3, 100J Coat, Corridors 100g, h, n	NF	Misc.	9000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Tan)	145a-h, 146, 146a-k, Corridor 100g	NF	Misc.	3000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9"x9" White)	145, 145a, Corridor 100g	NF	Misc.	2200	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Black)	Corridor 100m	NF	Misc.	1700	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Tan/Brown)	100J Coat, Corridor 100g	NF	Misc.	4200	Assumed		
N/A	Floor Carpet Adhesive	145a, 146, 146j, 146k, 100j Lobby	NF	Misc.	2700	Assumed		
N/A	Covebase Molding & Adhesive (Dark Brown)	146a, 146b	NF	Misc.	50	Assumed		
Renovation Construction								

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
			F/NF					
N/A	Drywall System (sheetrock, tape, joint compound)	123, 124, 153, 236	NF	Misc.	3600	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12"x12" White)	12a, 153, 236	NF	Misc.	3200	Assumed		
N/A	Floor Carpet Adhesive	14, 15, 20, 20a, 26, 130a, 130b, 130c	NF	Misc.	4000	Assumed		
N/A	Sheet Vinyl Floor Covering (Gray Speckled)	25, 25a	NF	Misc.	1100	Assumed		
N/A	Covebase Molding & Adhesive	12a, 130a, 130b, 153, 236	NF	Misc.	250	Assumed		
N/A	Sink Undercoated (White/Gray)	14	NF	Misc.	20	Assumed		
N/A	Covebase Molding & Adhesive (Maroon)	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	150	Assumed		
N/A	Floor Carpet Adhesive	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	1500	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" Cream/Gray Speckled)	Cafeteria, Kitchen	NF	Misc.	500	Assumed		
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled								
M-19, M-20, M-21	Thermal System Insulation (Mud Fittings)	140, 124g (chase)	F	TSI	~500 lf	3 to 5% Chrysotile		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137						
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
M-22, M-23, M-24	Thermal System Insulation (Boiler)	140	F	F	TSI	80	10% Amosite, 10% Chrysotile		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Pipe Elbow/Fitting Insulation	Tunnels	F	TSI	200 lf	Assumed		
N/A	Tank Insulation (End Caps)	Boiler Rm 028	F	TSI	115	Assumed		
N/A	Tank Insulation	140	F	TSI	80	Assumed		
N/A	Boiler Exhaust Flue Insulation	Boiler Rm 028	F	TSI	50 lf	Assumed		
N/A	Boiler Door Gaskets	Boiler Rm 028	NF	Misc.	50	Assumed		
N/A	Pipe Elbow/Fitting Insulation	15, 17a, 20, 21, 22, 22a, 28, 29, 30, 120, 121, 125a, 129, 130a, 139, 140, 141, 142, 144, Upper Level Fan Rooms, 144c, 222a (additional fittings may be found above the original plaster ceilings within the classrooms & corridors)	F	TSI	500 lf	Assumed		
N/A	Valve Packings & Gaskets	Boiler Rm 028	NF	Misc.	~200 sq ft	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Interior Duct Insulation & Adhesive	140, 144, Auditorium Fan Rooms (May be found in other portions of the supply duct)		NF	Misc.	200	Assumed		
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	Lower Level: 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-133, 130a, 130b, 138, 140, 142, 144, 144a, 144b; Upper Level: 218, 222- 231, 235, Corridors 200D, 100H, 100R		NF	Misc.	30,000	Assumed		
N/A	Chemistry Fume Hood Exhaust Cover Drywall system (sheetrock, tape, joint compound)	141, 232		NF	Misc.	150	2% Chrysotile		
N/A	Wall Carpet Adhesive	122, 144		NF	Misc.	1,000	Assumed		
N/A	Wood Wall Paneling Adhesive	120a, 120b		NF	Misc.	1,000	Assumed		
N/A	Vinyl Wall Covering	144		NF	Misc.	1,800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Tan)	Lower Level: 16, Corridors j, k, l; Main Level: 139, 144, 144a, Corridors 100H, 100 R; Upper Level: Corridor 200		NF	Misc.	7,000	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 13, 21, 22, 24, 27; Main Level: 122, 123, 124, 125a 127, 128, 129, 130a, 134b, 132, 133, 133a, 135, 136, 137; Upper Level: 218, 224, 225, 227, 228, 229, 230, 231, 235	NF	Misc.	13,000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 16; Main Level: 139	NF	Misc.	800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Brown)	Lower Level: 22	NF	Misc.	250	Assumed		
N/A	Sheet Vinyl Floor Covering (White/Brown)	Main Level: 120a, 120b	NF	Misc.	240	30% Chrysotile		
N/A	Floor Carpet Adhesive	Lower Level: 21, 22a	NF	Misc.	8,200	Assumed		
N/A	Covebase Molding & Adhesive (Tan)	229	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (Dark Brown)	139	NF	Misc.	50	Assumed		
N/A	Sink Basin Undercoat (Pink)	128, 131	NF	Misc.	10	Assumed		
N/A	Sink Basin Undercoat (Black)	13, 15, 20, 22a	NF	Misc.	25	Assumed		
N/A	Sink Basin Undercoat (Purple)	224, 229	NF	Misc.	10	16% Chrysotile		
N/A	Cement Asbestos Counter Tops	13, 15, 24, 25, 25a, 26, 27, 141	NF	Misc.	80	25% Chrysotile		
N/A	Interior Fume Hood Lining (Transite)	25	NF	Misc.	30	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Stage Fire Curtain (Gold)	144 Auditorium Stage	NF	Misc.	300	Assumed		
N/A	Stage Fire Curtain (Red)	144 Auditorium Stage	NF	Misc.	300	Assumed		

Addition #1

N/A	Wall/Ceiling Plaster	Lower Level: G, 10b, 12a, 12g, Stairwell, ST5; Main Level: 151, 152, Stairwells ST2&5, Corridor 100C; Upper Level: ST2, ST5	NF	Misc.	3800	Assumed		
N/A	Pipe Elbow/Fitting Insulation	10b, 10c, 12, 153, 236, 238	F	TSI	45 lf	Assumed		
N/A	Interior Duct Insulation & Adhesive	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	100	Assumed		
N/A	Drywall System (Sheetrock, tape, joint compound)	Lower Level: 10b, 10c, 12a, 12b, 12g, 12f; Main Level: 150, 151, 152, Stairwells ST2 & 5, End Corridor 100c	NF	Misc.	3100	Assumed		
N/A	9"x9" Tan Floor Tiles & Adhesive	Lower Level: 9, 10, 10b; Main Level: 153a, 153b, Corridor 100C	NF	Misc.	6300	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Tan/White/Brown)	Main Level: Stairwell ST2	NF	Misc.	175	Assumed		
N/A	Covebase Molding & Adhesive (Brown)	10, 10b, Corridor 100c	NF	Misc.	425	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	HVAC Duct Work Caulking	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	50	Assumed		
Addition #2								
N/A	Wall/Ceiling Plaster	145, 145a, 145i, 146, 146d-k, 147, 148, 100j Coat, 100j Lobby, Stairwell ST3, Corridors 100 g, h, n	NF	Misc.	10000	Assumed		
N/A	Pipe Elbow/Fitting Insulation	145c	F	TSI	~ 4 lf	Assumed		
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	145a-145i, 146, 146a- 146k, 147, 148, 154, Stairwell ST3, 100J Coat, Corridors 100g, h, n	NF	Misc.	9000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Tan)	145a-h, 146, 146a-k, Corridor 100g	NF	Misc.	3000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9"x9" White)	145, 145a, Corridor 100g	NF	Misc.	2200	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Black)	Corridor 100m	NF	Misc.	1700	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Tan/Brown)	100J Coat, Corridor 100g	NF	Misc.	4200	Assumed		
N/A	Floor Carpet Adhesive	145a, 146, 146j, 146k, 100j Lobby	NF	Misc.	2700	Assumed		
N/A	Covebase Molding & Adhesive (Dark Brown)	146a, 146b	NF	Misc.	50	Assumed		
Renovation Construction								

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Drywall System (sheetrock, tape, joint compound)	123, 124, 153, 236	NF	NF	Misc.	3600	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12"x12" White)	12a, 153, 236	NF	NF	Misc.	3200	Assumed		
N/A	Floor Carpet Adhesive	14, 15, 20, 20a, 26, 130a, 130b, 130c	NF	NF	Misc.	4000	Assumed		
N/A	Sheet Vinyl Floor Covering (Gray Speckled)	25, 25a	NF	NF	Misc.	1100	Assumed		
N/A	Covebase Molding & Adhesive	12a, 130a, 130b, 153, 236	NF	NF	Misc.	250	Assumed		
N/A	Sink Undercoated (White/Gray)	14	NF	NF	Misc.	20	Assumed		
N/A	Covebase Molding & Adhesive (Maroon)	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	NF	Misc.	150	Assumed		
N/A	Floor Carpet Adhesive	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	NF	Misc.	1500	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" Cream/Gray Speckled)	Cafeteria, Kitchen	NF	NF	Misc.	500	Assumed		
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled									
M-19, M-20, M-21	Thermal System Insulation (Mud Fittings)	140, 124g (chase)	F	F	TSI	~500 lf	3 to 5% Chrysotile		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
M-22, M-23, M-24	Thermal System Insulation (Boiler)	140	F	TSI	80	10% Amosite, 10% Chrysotile		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Pipe Elbow/Fitting Insulation	Tunnels	F	TSI	200 lf	Assumed		
N/A	Tank Insulation (End Caps)	Boiler Rm 028	F	TSI	115	Assumed		
N/A	Tank Insulation	140	F	TSI	80	Assumed		
N/A	Boiler Exhaust Flue Insulation	Boiler Rm 028	F	TSI	50 lf	Assumed		
N/A	Boiler Door Gaskets	Boiler Rm 028	NF	Misc.	50	Assumed		
N/A	Pipe Elbow/Fitting Insulation	15, 17a, 20, 21, 22, 22a, 28, 29, 30, 120, 121, 125a, 129, 130a, 139, 140, 141, 142, 144, Upper Level Fan Rooms, 144c, 222a (additional fittings may be found above the original plaster ceilings within the classrooms & corridors)	F	TSI	500 lf	Assumed		
N/A	Valve Packings & Gaskets	Boiler Rm 028	NF	Misc.	~200 sq ft	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Interior Duct Insulation & Adhesive	140, 144, Auditorium Fan Rooms (May be found in other portions of the supply duct)	NF	Misc.	200	Assumed		
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	Lower Level: 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-133, 130a, 130b, 138, 140, 142, 144, 144a, 144b; Upper Level: 218, 222- 231, 235, Corridors 200D, 100H, 100R	NF	Misc.	30,000	Assumed		
N/A	Chemistry Fume Hood Exhaust Cover Drywall system (sheetrock, tape, joint compound)	141, 232	NF	Misc.	150	2% Chrysotile		
N/A	Wall Carpet Adhesive	122, 144	NF	Misc.	1,000	Assumed		
N/A	Wood Wall Paneling Adhesive	120a, 120b	NF	Misc.	1,000	Assumed		
N/A	Vinyl Wall Covering	144	NF	Misc.	1,800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Tan)	Lower Level: 16, Corridors j, k, l; Main Level: 139, 144, 144a, Corridors 100H, 100 R; Upper Level: Corridor 200	NF	Misc.	7,000	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 13, 21, 22, 24, 27; Main Level: 122, 123, 124, 125a 127, 128, 129, 130a, 134b, 132, 133, 133a, 135, 136, 137; Upper Level: 218, 224, 225, 227, 228, 229, 230, 231, 235	NF	Misc.	13,000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 16; Main Level: 139	NF	Misc.	800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Brown)	Lower Level: 22	NF	Misc.	250	Assumed		
N/A	Sheet Vinyl Floor Covering (White/Brown)	Main Level: 120a, 120b	NF	Misc.	240	30% Chrysotile		
N/A	Floor Carpet Adhesive	Lower Level: 21, 22a	NF	Misc.	8,200	Assumed		
N/A	Covebase Molding & Adhesive (Tan)	229	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (Dark Brown)	139	NF	Misc.	50	Assumed		
N/A	Sink Basin Undercoat (Pink)	128, 131	NF	Misc.	10	Assumed		
N/A	Sink Basin Undercoat (Black)	13, 15, 20, 22a	NF	Misc.	25	Assumed		
N/A	Sink Basin Undercoat (Purple)	224, 229	NF	Misc.	10	16% Chrysotile		
N/A	Cement Asbestos Counter Tops	13, 15, 24, 25, 25a, 26, 27, 141	NF	Misc.	80	25% Chrysotile		
N/A	Interior Fume Hood Lining (Transite)	25	NF	Misc.	30	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	FRIABLE/ NON FRIABLE	PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Stage Fire Curtain (Gold)	144 Auditorium Stage	NF	Misc.	300	Assumed		
N/A	Stage Fire Curtain (Red)	144 Auditorium Stage	NF	Misc.	300	Assumed		

Addition #1

N/A	Wall/Ceiling Plaster	Lower Level: G, 10b, 12a, 12g, Stairwell, ST5; Main Level: 151, 152, Stairwells ST2&5, Corridor 100C; Upper Level: ST2, ST5	NF	Misc.	3800	Assumed		
N/A	Pipe Elbow/Fitting Insulation	10b, 10c, 12, 153, 236, 238	F	TSI	45 lf	Assumed		
N/A	Interior Duct Insulation & Adhesive	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	100	Assumed		
N/A	Drywall System (Sheetrock, tape, joint compound)	Lower Level: 10b, 10c, 12a, 12b, 12g, 12f; Main Level: 150, 151, 152, Stairwells ST2 & 5, End Corridor 100c	NF	Misc.	3100	Assumed		
N/A	9"x9" Tan Floor Tiles & Adhesive	Lower Level: 9, 10, 10b; Main Level: 153a, 153b, Corridor 100C	NF	Misc.	6300	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Tan/White/Brown)	Main Level: Stairwell ST2	NF	Misc.	175	Assumed		
N/A	Covebase Molding & Adhesive (Brown)	10, 10b, Corridor 100c	NF	Misc.	425	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	HVAC Duct Work Caulking	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	50	Assumed		
Addition #2								
N/A	Wall/Ceiling Plaster	145, 145a, 145i, 146, 146d-k, 147, 148, 100j Coat, 100j Lobby, Stairwell ST3, Corridors 100 g, h, n	NF	Misc.	10000	Assumed		
N/A	Pipe Elbow/Fitting Insulation	145c	F	TSI	~ 4 lf	Assumed		
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	145a-145i, 146, 146a- 146k, 147, 148, 154, Stairwell ST3, 100J Coat, Corridors 100g, h, n	NF	Misc.	9000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Tan)	145a-h, 146, 146a-k, Corridor 100g	NF	Misc.	3000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Whit)	145, 145a, Corridor 100g	NF	Misc.	2200	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Black)	Corridor 100m	NF	Misc.	1700	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Tan/Brown)	100J Coat, Corridor 100g	NF	Misc.	4200	Assumed		
N/A	Floor Carpet Adhesive	145a, 146, 146j, 146k, 100j Lobby	NF	Misc.	2700	Assumed		
N/A	Covebase Molding & Adhesive (Dark Brown)	146a, 146b	NF	Misc.	50	Assumed		
Renovation Construction								

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Drywall System (sheetrock, tape, joint compound)	123, 124, 153, 236	NF	Misc.	3600	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12"x12" White)	12a, 153, 236	NF	Misc.	3200	Assumed		
N/A	Floor Carpet Adhesive	14, 15, 20, 20a, 26, 130a, 130b, 130c	NF	Misc.	4000	Assumed		
N/A	Sheet Vinyl Floor Covering (Gray Speckled)	25, 25a	NF	Misc.	1100	Assumed		
N/A	Covebase Molding & Adhesive	12a, 130a, 130b, 153, 236	NF	Misc.	250	Assumed		
N/A	Sink Undercoated (White/Gray)	14	NF	Misc.	20	Assumed		
N/A	Covebase Molding & Adhesive (Maroon)	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	150	Assumed		
N/A	Floor Carpet Adhesive	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	1500	Assumed		
N/A	Vinyl Floor Tile & Adhesive (12"x12" Cream/Gray Speckled)	Cafeteria, Kitchen	NF	Misc.	500	Assumed		
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled								
M-19, M-20, M-21	Thermal System Insulation (Mud Fittings)	140, 124g (chase)	F	TSI	~500 lf	3 to 5% Chrysotile		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
M-22, M-23, M-24	Thermal System Insulation (Boiler)	140	F	TSI	80	10% Amosite, 10% Chrysotile		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137						
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.									
Original Construction									
N/A	Pipe Elbow/Fitting Insulation	Tunnels	F		TSI	200 lf	Assumed		
N/A	Tank Insulation (End Caps)	Boiler Rm 028	F		TSI	115	Assumed		
N/A	Tank Insulation	140	F		TSI	80	Assumed		
N/A	Boiler Exhaust Flue Insulation	Boiler Rm 028	F		TSI	50 lf	Assumed		
N/A	Boiler Door Gaskets	Boiler Rm 028	NF		Misc.	50	Assumed		
N/A	Pipe Elbow/Fitting Insulation	15, 17a, 20, 21, 22, 22a, 28, 29, 30, 120, 121, 125a, 129, 130a, 139, 140, 141, 142, 144, Upper Level Fan Rooms, 144c, 222a (additional fittings may be found above the original plaster ceilings within the classrooms & corridors)	F		TSI	500 lf	Assumed		
N/A	Valve Packings & Gaskets	Boiler Rm 028	NF		Misc.	~200 sq ft	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Interior Duct Insulation & Adhesive	140, 144, Auditorium Fan Rooms (May be found in other portions of the supply duct)	NF	Misc.	200	Assumed		
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	Lower Level: 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-133, 130a, 130b, 138, 140, 142, 144, 144a, 144b; Upper Level: 218, 222- 231, 235, Corridors 200D, 100H, 100R	NF	Misc.	30,000	Assumed		
N/A	Chemistry Fume Hood Exhaust Cover Drywall system (sheetrock, tape, joint compound)	141, 232	NF	Misc.	150	2% Chrysotile		
N/A	Wall Carpet Adhesive	122, 144	NF	Misc.	1,000	Assumed		
N/A	Wood Wall Paneling Adhesive	120a, 120b	NF	Misc.	1,000	Assumed		
N/A	Vinyl Wall Covering	144	NF	Misc.	1,800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Tan)	Lower Level: 16, Corridors j, k, l; Main Level: 139, 144, 144a, Corridors 100H, 100 R; Upper Level: Corridor 200	NF	Misc.	7,000	Assumed		

TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 13, 21, 22, 24, 27; Main Level: 122, 123, 124, 125a, 127, 128, 129, 130a, 134b, 132, 133, 133a, 135, 136, 137; Upper Level: 218, 224, 225, 227, 228, 229, 230, 231, 235	NF	NF	Misc.	13,000	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 16; Main Level: 139	NF	NF	Misc.	800	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Brown)	Lower Level: 22	NF	NF	Misc.	250	Assumed		
N/A	Sheet Vinyl Floor Covering (White/Brown)	Main Level: 120a, 120b	NF	NF	Misc.	240	30% Chrysotile		
N/A	Floor Carpet Adhesive	Lower Level: 21, 22a	NF	NF	Misc.	8,200	Assumed		
N/A	Covebase Molding & Adhesive (Tan)	229	NF	NF	Misc.	40	Assumed		
N/A	Covebase Molding & Adhesive (Dark Brown)	139	NF	NF	Misc.	50	Assumed		
N/A	Sink Basin Undercoat (Pink)	128, 131	NF	NF	Misc.	10	Assumed		
N/A	Sink Basin Undercoat (Black)	13, 15, 20, 22a	NF	NF	Misc.	25	Assumed		
N/A	Sink Basin Undercoat (Purple)	224, 229	NF	NF	Misc.	10	16% Chrysotile		
N/A	Cement Asbestos Counter Tops	13, 15, 24, 25, 25a, 26, 27, 141	NF	NF	Misc.	80	25% Chrysotile		
N/A	Interior Fume Hood Lining (Transite)	25	NF	NF	Misc.	30	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
			F/NF					
N/A	Stage Fire Curtain (Gold)	144 Auditorium Stage	NF	Misc.	300	Assumed		
N/A	Stage Fire Curtain (Red)	144 Auditorium Stage	NF	Misc.	300	Assumed		

Addition #1

HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
			F/NF					
N/A	Wall/Ceiling Plaster	Lower Level: G, 10b, 12a, 12g, Stairwell, ST5; Main Level: 151, 152, Stairwells ST2&5, Corridor 100C; Upper Level: ST2, ST5	NF	Misc.	3800	Assumed		
N/A	Pipe Elbow/Fitting Insulation	10b, 10c, 12, 153, 236, 238	F	TSI	45 lf	Assumed		
N/A	Interior Duct Insulation & Adhesive	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	100	Assumed		
N/A	Drywall System (Sheetrock, tape, joint compound)	Lower Level: 10b, 10c, 12a, 12b, 12g, 12f; Main Level: 150, 151, 152, Stairwells ST2 & 5, End Corridor 100c	NF	Misc.	3100	Assumed		
N/A	9"x9" Tan Floor Tiles & Adhesive	Lower Level: 9, 10, 10b; Main Level: 153a, 153b, Corridor 100C	NF	Misc.	6300	Assumed		
N/A	Vinyl Floor Tiles & Adhesive (12-inch Tan/White/Brown)	Main Level: Stairwell ST2	NF	Misc.	175	Assumed		
N/A	Covebase Molding & Adhesive (Brown)	10, 10b, Corridor 100c	NF	Misc.	425	Assumed		

**TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137			
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CHANGES IN ACBMS
N/A	HVAC Duct Work Caulking	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	50	Assumed	
Addition #2							
N/A	Wall/Ceiling Plaster	145, 145a, 145i, 146, 146d-k, 147, 148, 100j Coat, 100j Lobby, Stairwell ST3, Corridors 100 g, h, n	NF	Misc.	10000	Assumed	
N/A	Pipe Elbow/Fitting Insulation	145c	F	TSI	~ 4 lf	Assumed	
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	145a-145i, 146, 146a- 146k, 147, 148, 154, Stairwell ST3, 100J Coat, Corridors 100g, h, n	NF	Misc.	9000	Assumed	
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Tan)	145a-h, 146, 146a-k, Corridor 100g	NF	Misc.	3000	Assumed	
N/A	Vinyl Floor Tiles & Adhesive (9"x9" White)	145, 145a, Corridor 100g	NF	Misc.	2200	Assumed	
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Black)	Corridor 100m	NF	Misc.	1700	Assumed	
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Tan/Brown)	100J Coat, Corridor 100g	NF	Misc.	4200	Assumed	
N/A	Floor Carpet Adhesive	145a, 146, 146j, 146k, 100j Lobby	NF	Misc.	2700	Assumed	
N/A	Covebase Molding & Adhesive (Dark Brown)	146a, 146b	NF	Misc.	50	Assumed	
Renovation Construction							

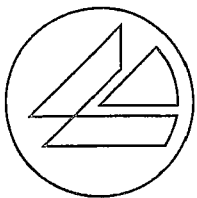
TABLE 3
6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building					PROJECT NO: 6120JW137		
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS	
			F/NF						
N/A	Drywall System (sheetrock, tape, joint compound)	123, 124, 153, 236	NF	Misc.	3600	Assumed			
N/A	Vinyl Floor Tiles & Adhesive (12"x12" White)	12a, 153, 236	NF	Misc.	3200	Assumed			
N/A	Floor Carpet Adhesive	14, 15, 20, 20a, 26, 130a, 130b, 130c	NF	Misc.	4000	Assumed			
N/A	Sheet Vinyl Floor Covering (Gray Speckled)	25, 25a	NF	Misc.	1100	Assumed			
N/A	Covebase Molding & Adhesive	12a, 130a, 130b, 153, 236	NF	Misc.	250	Assumed			
N/A	Sink Undercoated (White/Gray)	14	NF	Misc.	20	Assumed			
N/A	Covebase Molding & Adhesive (Maroon)	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	150	Assumed			
N/A	Floor Carpet Adhesive	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	1500	Assumed			
N/A	Vinyl Floor Tile & Adhesive (12"x12" Cream/Gray Speckled)	Cafeteria, Kitchen	NF	Misc.	500	Assumed			
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled									
M-19, M-20, M-21	Thermal System Insulation (Mud Fittings)	140, 124g (chase)	F	TSI	~500 lf	3 to 5 % Chrysotile			

TABLE 3
 6-MONTH SURVEILLANCE OF ACBMS BY FUNCTIONAL SPACE
 LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137						
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	F/NF	MATERIAL TYPE	Quantity SF	ACM	CURRENT CONDITION	CHANGES IN ACBMS
M-22, M-23, M-24	Thermal System Insulation (Boiler)	140	F	F	TSI	80	10% Amosite, 10% Chrysotile		

APPENDIX E





State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF AIR QUALITY
Rusty Ruby
Acting Director

Utah Asbestos Certification

Vicky L. Aviles
ASB-2127



Inspector (Exp. 05/06/12)
Management Planner (Exp. 05/06/12)
Supervisor (Exp. 04/07/12)
Project Designer (Exp. 06/02/11)

Executive Secretary Utah Air Quality Board

DAQA-001-11

May 19, 2011

Vicky L. Aviles
Western Technologies
420 West Lawndale Drive
Salt Lake City, UT 84115

Dear Ms. Aviles:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (DAQ) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the DAQ.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Mark Berger at (801) 536-4007 or at mberger@utah.gov.

Sincerely,

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jv



ARCHITECTURAL FIRM
1000 N. 1000 W.
SALT LAKE CITY, UT 84119
PHONE: (801) 466-1111
FAX: (801) 466-1112

December 18, 2000

Paul Jensen
Logan City School District
101 West Center
Logan, Utah 84321

RE: LOGAN HIGH SCHOOL GYM
SOUTH CAMPUS SCHOOL
LCSD OFFICE REMODEL

To Whom It May Concern:

As the architects for the above referenced projects, we certify that to the best of our knowledge there are no asbestos containing products installed as part of the work of these three projects.

Sincerely,

Scott W. Theobald, AIA
President

APPENDIX F



ANNUAL NOTIFICATION

DATE:

TO: Workers, Building Occupants, Tradesmen, and Outside Service Providers

FROM: Logan City School District

REFERENCE: Logan City High School: Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763 – Asbestos-Containing Materials In Schools; Final Rule and Notice, October 30, 1987, 763.84 General locate education agency responsibilities.

The above referenced regulation mandated by the Environmental Protection Agency (EPA) is for schools K-12. Under this program, notification is required to inform at least once each year to notify building occupants about inspections, response actions, and post-response action activities, including periodic reinspection and surveillance activities that are planned or in progress.

Statement: The Asbestos Inspection and Management Plan (MP) for the Logan City High School, 100 South 162 West, Logan, Utah was completed July 2011. The MP is available for review at the District Office and at the main office of the Logan City High School.

If you have any questions, please contact the person responsible for this program (Designated Person)

Name: _____

Telephone Number: _____

MANAGEMENT BUDGET

The estimated asbestos abatement budget, excluding consulting oversight costs is:

BUILDING ID	Abatement Budget
Main Building – Original Construction and Additions	\$375,000-\$378,000
Old Woodruff Building	\$75,000-\$78,000
Technology Building	\$33,000-\$35,000
New Gym Building	0
Storage Garages and Sheds	0
Structures Associated with the Baseball and Football Stands	0

The estimated budget for consulting oversight services is: \$150,000.

The estimated budget for awareness training annually is: \$750.00

The estimated budget for conducting the 6-month surveillance tasks is: \$800 (\$1,600 per year)

APPENDIX G



**LEA DESIGNATED PERSON
TRUE AND CORRECT STATEMENT
DESIGNATED PERSON ACKNOWLEDGEMENT**

The general local education agency, responsibilities as stipulated by 40 CFR §763.84 have been met or will be met in accordance with AHERA.

Acknowledgement of designated person: The person identified below accepts the position of the Designated Person as stipulated in AHERA and the responsibilities that this position requires.

NAME: _____

TITLE: _____

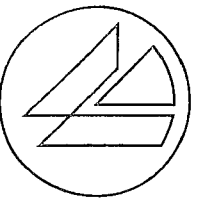
ADDRESS: _____

TELEPHONE NUMBER: _____

SIGNATURE: _____

DATE: _____

APPENDIX H



LOGAN HIGH SCHOOL
AHERA OPERATIONS & MAINTENANCE PLAN

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LOGAN HIGH SCHOOL
LOGAN CITY, UTAH
ASBESTOS OPERATIONS AND MAINTENANCE PLAN

TABLE OF CONTENTS

ASBESTOS PLAN CHECKLIST PAGE iii

SUMMARY OF ASBESTOS OPERATIONS AND MAINTENANCE PLAN

ASBESTOS OVERVIEW PAGE 1

AWARENESS TRAINING PAGE 2

NOTIFICATION REQUIREMENTS PAGE 4

RESPIRATORS/MEDICAL SURVEILLANCE PAGE 4

RESPIRATOR TRAINING PAGE 7

RESPIRATOR INSPECTION/CLEANING PAGE 8

PERSONAL PROTECTIVE CLOTHING PAGE 9

NEGATIVE INITIAL EXPOSURE ASSESSMENT PAGE 9

ACM DISPOSAL PAGE 9

LOGAN HIGH SCHOOL
EMPLOYEE'S WORK PRACTICES PAGE 10

FORMS

TRAINING CERTIFICATES

PLAN MANAGER TRAINING TAB-A

EMPLOYEE TRAINING - FORM 1 TAB-A

RESPIRATOR TRAINING - FORM 8 TAB-A

RESPIRATOR FIT TEST TAB-A

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

MEDICAL REQUIREMENTS

PHYSICIAN REPORTS - PHYSICIAN	TAB-B
INITIAL MEDICAL QUESTIONNAIRE - FORM 5	TAB-B
PERIODICAL MEDICAL QUESTIONNAIRE - FORM 6	TAB-B
ASBESTOS RELATED JOB DESCRIPTION - FORM 7	TAB-B
RESIDENT NOTIFICATIONS - FORM 2	TAB-C
WORKERS ACKNOWLEDGEMENT - FORM 3	TAB-D
SUB-CONTRACTOR'S ACKNOWLEDGEMENT - FORM 4	TAB-E
RESPIRATOR REPAIRS - FORM 9	TAB-F
RESPIRATOR PROGRAM EVALUATION - FORM 10	TAB-G
ASBESTOS RELATED JOB REQUESTS - FORM 11	TAB-H
ASBESTOS MOVE-OUT EVALUATIONS - FORM 12	TAB-I
DISPOSAL MANIFESTS	TAB-J

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LOGAN HIGH SCHOOL

Asbestos Plan Checklist

Following is a checklist that summarizes the Asbestos plan requirements and is also a means of keeping track of dates when requirements of the Asbestos plan have been met or completed.

Use this checklist every time a new employee is hired, and also use once per year in or around the month of **December** to insure that all requirements are being met.

PLAN SET UP	Completed by	Date	File In
- Obtain and read a professionally prepared operations and maintenance plan provided by the Logan City School District (LCSD)	_____	_____	<u>N/A</u>
- Obtain and read the Summary of the Operations and Maintenance Plan.	_____	_____	<u>N/A</u>
- Obtain a 3-ring binder, set up Asbestos information requirements including the following:	_____	_____	<u>N/A</u>
1. Resident Notification	_____	_____	<u>Tab C</u>
2. Workers Acknowledgements	_____	_____	<u>Tab D</u>
3. Sub-Contractor Acknowledgements	_____	_____	<u>Tab E</u>
4. Training Certificates			
A) Plan Manager	_____	_____	<u>Tab A</u>
B) Employee	_____	_____	<u>Tab A</u>
C) Respirator	_____	_____	<u>Tab A</u>
5. Physician Reports	_____	_____	<u>Tab B</u>
6. Respirator Fit Tests	_____	_____	<u>Tab A</u>
7. Respirator Repair Reports	_____	_____	<u>Tab F</u>
8. Respirator Plan Evaluation	_____	_____	<u>Tab G</u>
9. Asbestos Related Type III Work Order	_____	_____	<u>Tab H</u>
10. Move Out Evaluations	_____	_____	<u>Tab I</u>
TRAINING			
- Appoint a Plan Manager	_____	_____	<u>N/A</u>
- Complete Plan Manager 16 Hour training as described on Page 4.	_____	_____	<u>Tab A</u>
- Complete employee 2 Hour training (Class III work requires 16 hours of training). New employees to be trained within 60 days of hiring as described on Page 3.	_____	_____	<u>Tab A</u>
- Complete respirator training including a fit test for employees who will be wearing them as described on Page 7.	_____	_____	<u>Tab A</u>
- File copies of all certificates in employee files and the LCSD Asbestos 3-ring binder, B Tab A section.	_____	_____	<u>Tab B</u>

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

MEDICAL

	Completed By	Date	File In
- Prepare job description stating duties, level of exposure and type of respirator to be used. (See Form 7)	_____	_____	<u>N/A</u>
- Complete medical exam clearing employee for respirator use as described on Page 5. (See Forms 5 & 6)	_____	_____	<u>N/A</u>
- File Physician's report in employee file and the LCSD Asbestos 3-ring binder, Tab B section.	_____	_____	<u>Tab B</u>

ANNUAL

- Complete Plan Manager Refresher Course as described on Page 2.	_____	_____	<u>Tab A</u>
- All Respirator users complete medical re-examination as described on Page 5.	_____	_____	<u>Tab B</u>
- All Respirator users complete Fit Retest as described on Page 8.	_____	_____	<u>Tab A</u>
- Plan Manager completed Respirator program evaluation as described on Page 8. (See Form 10)	_____	_____	<u>Tab E</u>

NOTIFICATIONS

- Obtain a signed Occupants Notice and file a copy in the LCSD Asbestos binder and resident file as described on Page 4. (See Form 2)	_____	_____	<u>Tab C</u>
- Obtain a signed copy of the Worker Notification. File one in employee file and in the LCSD Asbestos Summary as described on Page 4. (See Form 3)	_____	_____	<u>Tab D</u>
- Obtain a signed copy of the Sub-Contractor Acknowledgement and file in the LCSD Asbestos binder as described on Page 4. (See Form 4)	_____	_____	<u>Tab E</u>

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

WORK PRACTICES

- If Class III work, fill out job request form and file in the LCSD Asbestos 3-ring binder Tab H section.
- Perform work and disposal according to directions in the LCSD Asbestos Summary, Pages 4 &10.
- Fill out and file Waste Manifest and special waste acceptance application with each ACM disposal as described on Page 10. File copies in the Asbestos 3-ring binder, Tab J section.

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LOGAN HIGH SCHOOL
Summary of Asbestos Operations and Maintenance Plan
December 2010

OVERVIEW

The following summarizes the operation and maintenance plan that was prepared by an EPA Accredited Project Manager with Western Technologies Inc. This summary includes provisions for Certificates of Training, Worker's and Sub-Contractor's Acknowledgements, Respiratory Program Evaluations, Medical Release forms for Respirator Use and Asbestos related Job Request Forms. Along with the forms and certificates listed above are Occupant Notifications. Along with this summary is a binder with tabs for insertion of all forms and certificates mentioned in the summary.

The binder should be kept in the main corporate office for the Logan City School District and a copy also at the LOGAN HIGH SCHOOL. All forms and Certificates must be kept a minimum of 30 years or the life of the structure and/or the final removal of identified ACMs.

Asbestos related projects are divided into four classes as follows:

- Class I Class I work means activities involving the removal of thermal system insulation (TSI) and surfacing asbestos-containing material (ACM) and presumed asbestos-containing material (PACM).
- Class II Class II work means activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction mastics.
- Class III Class III work means repair and maintenance operations, where ACM, including TSI and surfacing ACM and PACM may be disturbed.
- Class IV Class IV work means maintenance and custodial activities during which employees contact, but do not disturb, ACM or PACM and activities to clean up dust, waste and debris resulting from Class I, II, and III activities.

The LCSD's O & M Plan is divided into two types of projects. The first type of work would be considered Class IV projects that involve direct contact with ACM, but no disturbance. These would be projects that include working around the identified and/or presumed ACMs but not disturbing the ACMs. Class IV work also includes the clean-up of any dust created from Class I, II, or III activities and must be done using a High Efficiency Particulate Air (HEPA) vacuum.

The second type of work would be Class III projects that involve activities that may disturb ACMs. This could involve using mechanical means to buff the vinyl asbestos flooring or repair to the drywall system, which does not exceed one standard glove bag or waste bag measuring 60 inches in length and width.

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

To ensure proper implementation of the plan, a Plan Manager has been appointed. The Plan Manager for the LCSD is _____ . The Plan Manager is responsible for the following:

- A. Maintaining all records required
- B. Coordination of Training New Employees
- C. Overseeing work whether done by Employees or Contractors

The Plan Manager should receive minimum 2-hours of training related to these duties under the program, which meets the OSHA requirements and consists of basic knowledge of:

- A. Health affects associated with Asbestos
- B. Detection, Identification and Assessment of ACM
- C. Options for Controlling ACM
- D. Asbestos Management Programs
- E. Applicable Federal, State, County and City Regulations Concerning Asbestos.
- F. Work Practices and Engineering Controls for Class III asbestos work.

Upon completion of the Plan Manager's training, a certificate will be issued. This certificate must be placed in this Asbestos 3-ring binder, Tab A section, and kept for 30 years. A 2-hour refresher course should be taken once per year. Certificates for refresher courses must also be filed in the Asbestos 3-ring binder, Tab A section for 30 years from the date of the training. The Plan Manager training can be received from Western Technologies, 420 West Lawndale Drive, Salt Lake City, Utah 84115-2917 (801) 972-3650 or other qualified instructor/training facility.

AWARENESS TRAINING

All employees should receive a minimum of 2-hours of awareness training. Individuals that will perform Class III work are required to have at least 16-hours of hands-on training. This training should be done prior to or at the time of initial assignment and at least annually thereafter. The training shall include at a minimum the following elements:

- Information regarding asbestos and its various uses and forms.
- Information on health effects associated with asbestos exposure.
- Locations of ACM/PACM identified throughout each facility building in which they work.

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- How individuals can avoid disturbing ACM.
- Recognition of damage, deterioration, and delamination of ACM, and how to report damage.
- How custodial and maintenance personnel should deal with these materials to prevent fiber release.
- What will be completed periodically and over the long term to protect the health and safety of employees.
- How to deal with fiber release episodes.
- The name and telephone number of the Asbestos Program Manager designated by property owner.
- The availability and location of the O&M plan.
- Methods of recognizing ACM/PACM, including the communication of hazards.
- The appropriate work practices for performing the asbestos job (respirator usage, protective clothing, hygiene facilities, and decontamination procedures).
- The purpose, proper use, fitting instructions, and limitation of respirators.
- Medical surveillance program requirements to protect the health and safety of employees.

Upon completion of the 2-hour awareness training, all employees should be issued a certificate (See Form 1) which is signed by the Plan Manager and the employee that shows the areas covered and dates of the training. **All employee-training records must be kept for 30 years. File one copy in the Employee's Personnel File, and another in the Asbestos 3-ring binder, Tab A Section. The Plan Manager should monitor employee work practices and continue spot training as needed on an ongoing basis.**

Employees who may perform Class III work activities should complete a 16-hour hands on asbestos training class. The topics discussed during this training shall include the topics contained in the 2-hour awareness training class, plus the following:

- The nature of operations that could result in exposure to asbestos, the importance of protective controls to minimize exposure, and waste disposal procedures, and any necessary instruction in the use of these controls and procedures
- The content of the OSHA standard.

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- Specific work practices and engineering controls, including wet methods, HEPA vacuuming, and waste disposal, which will be used to minimize asbestos fiber releases.
- The relationship between smoking and asbestos in producing lung cancer.
- Information from public health organizations regarding the cessation of smoking.

Upon completion of the 16-hour awareness training, all employees should be issued a certificate (See Form 1b) which is signed by the Plan Manager and the employee that shows the areas covered and dates of the training. **All employee-training records must be kept for 30 years. File one copy in the Employee's Personnel File, and another in the Asbestos 3-ring binder, Tab A Section. The Plan Manager should monitor employee work practices and continue spot training as needed on an ongoing basis.**

NOTIFICATION REQUIREMENTS

An essential part of the O/M Plan is proper notification to all affected parties. This would include:

- A. Employees/occupants - All existing and future Employees/occupants must be notified of the Asbestos containing materials and the importance of not disturbing them. This will be done in the form of a letter, a copy of which is included in this summary. (See Form 2) A copy of this letter should be signed by the Employees and kept in their Resident Notification binder. The signed copy of the resident's letter should be kept permanently in the Asbestos 3-ring binder, Tab C-section.
- B. Employees- All employees must read and sign the Certificate of Worker's Acknowledgement (See Form 3). This signed form should be kept from date of signing for 30 years in the Asbestos 3-ring binder, Tab D section.
- C. Sub-Contractors - All Sub-Contractors performing work that involves ACM must read and sign the Certificate of Sub-Contractors Acknowledgement (See Form 4). The owner of the company and any of his employees that work on asbestos-related projects must sign this form. This signed form should be kept for 30 years from the date of signing in the Asbestos 3-ring binder, Tab E section.

RESPIRATORS/MEDICAL SURVEILLANCE PROGRAM

The employer is required to implement a respiratory protection program that addresses worksite-specific uses and procedures and elements for required respirator use. The written program shall be updated as necessary to reflect those changes in workplace conditions that affect respirator use. The employer shall include in the program the following provisions of this section, as applicable:

- Procedures for selecting respirators for use in the workplace;
- Medical evaluations of employees required to use respirators;

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- Fit testing procedures for tight-fitting respirators;
- Procedures for proper use of respirators in routine and reasonably foreseeable emergency situations;
- Procedures and schedules for cleaning, disinfecting, storing, inspecting, repairing, discarding, and otherwise maintaining respirators;
- Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators;
- Annual training of employees in the proper use of respirators, including putting on and removing them, any limitations on their use, and their maintenance; and
- Procedures for regularly evaluating the effectiveness of the program;
- The employer shall designate a program administrator who is qualified by appropriate training or experience to oversee the respiratory protection program.
- The employer shall provide respirators, training, and medical evaluations at no cost to the employee.

Only those individuals who are medically capable of wearing respiratory protective equipment shall be issued a respirator. Before being issued one, an employee should receive pertinent tests for medical and physical conditions. Medical tests conducted by a physician should include pulmonary function tests, a chest X-ray (if a physician deems it necessary), electrocardiogram, and any other tests deemed appropriate by the examining physician. A medical history in the form of a questionnaire is collected for each individual. Other factors to be considered by a physician may include: emphysema, asthma, chronic bronchitis, heart disease, anemia, poor eyesight, poor hearing, hernia, lack of use of fingers or hands, epileptic seizures, and other factors that might inhibit the ability of an employee to wear respiratory equipment.

The main requirements of the medical surveillance program are initial and periodic examinations. Periodic examinations are required at least annually. A copy of the Physician's written report, and repeat examinations, must be kept in the Asbestos 3-ring binder, Tab B section for 30 years from the date of the examination. Details of the examination should include the following details:

Each examination should include, at a minimum:

- Completion of the mandatory medical questionnaires, completed by the Plan Manager with the employee. There are separate questionnaires for the initial and periodic examinations. These questionnaires also include sections on work history. (See forms 5 & 6). A copy of the questionnaire is given to the physician, placed in the Employee Personnel File and kept in the Asbestos 3-ring binder, Tab B section. The initial questionnaire (Form 5) is used for the first exam. The periodic questionnaire is used for annual re-examinations.
- A physical examination, with emphasis on the cardiovascular and gastrointestinal systems.
- A pulmonary function test, which includes the forced vital capacity (FVC) and the forced expiratory volume (FEV) in one second.

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- The examining physician may also require other tests as part of the medical examination. The chest X-ray is administered at the discretion of the physician. However, it is recommended that an initial chest X-ray be taken to establish baseline conditions for the employee.
- Following the examination, the physician must provide the employer with the following:
 - A written opinion as to whether the employee has any detected medical conditions that would place the employee at risk of health impairment from exposure to asbestos.
 - Any recommended limitations on the employee, or on the use of personal protective equipment, such as respirators.
 - A statement that the employee has been informed by the physician of the results of the medical examination, and of any medical conditions that may result from asbestos exposure. A copy of this statement should be kept in the Asbestos Summary binder for 30 years from the date of signing.

The physician is not to reveal in the written opinion given to the employer any specific findings unrelated to asbestos exposure. Also, the employer must provide a copy of the physician's written statement to the employee within 30 days of receipt.

The employer must provide the examining physician with the following: (See form 7)

- A description of the employee's duties as they relate to asbestos.
- The employee's actual or anticipated level of exposure.
- A description of any personal protective and respiratory equipment used or to be used.
- Information from previous medical examinations of the employee that is not otherwise available to the examining physician.

Finally, the employer must maintain medical records for at least 30 years following termination of employment. These records are kept in the Asbestos 3-ring binder, Tab B section. If the employer goes out of business without a successor, OSHA must be notified at least 90 days prior to termination of business and provide for transfer of records to the secretary of OSHA.

When an employee is cleared medically to use a respirator, a Respirator Fit Test needs to be performed. A copy of verification of the Respirator Fit Test must be placed in the Employee Personnel File, and then in the Asbestos 3-ring binder, Tab A section. Verifications must be kept for 30 years from the test date. Contact the following to assist in selecting the proper respirator and to perform the fit test or another qualified supplier and fit testing facility:

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

Western Technologies Inc.
420 West Lawndale Drive
Salt Lake City, UT 84115-2917
(801) 972-3650

Employees should be retested at least annually with written verification from Western Technologies or another fit testing firm. If there is any physical change, which could result in face shape change such as significant weight gain or loss, retesting should be done prior to the annual testing. A copy of the retest must be placed in the Employee's Personnel File, another in the Asbestos 3-ring binder, Tab A section. These verifications should be kept for 30 years from the date of retesting.

RESPIRATOR TRAINING

A respirator will be required for Class III work and some Class IV work. The Plan Manager is responsible for administering proper respirator use fit testing and training for all employees. Respirator training, along with a Respirator Fit Test can be received through:

Western Technologies
420 West Lawndale Drive
Salt Lake City, UT 84115-2917
(801) 972-3650

The training should consist of the following:

- A. Explanation of the ramifications of misuse**
- B. Why the particular respirator was selected**
- C. Limitations of the selected respirator**
- D. Putting on the respirator**
- E. Wearing of the respirator**
- F. Maintenance of the respirator**
- G. Recognizing and handling emergency situations**
- H. Inspection of the respirator**
- I. Use of air-purifying respirator**
- J. Use of air-supplied respiratory equipment**

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

K. Purpose of medical evaluation

L. Proper fit-testing techniques

Upon completion of the training the employee **MUST** sign the **Respirator Training Program Form**. (See Form 8) The signed form must be kept for 30 years from the date of signing in the Asbestos 3-ring binder, Tab A section. A copy must also be placed in the Employee's Personnel File.

ROUTINE INSPECTION OF RESPIRATORS

In addition, cleaning and inspection of the respirator must be performed with each use. Use the following guidelines to perform the cleaning and inspection.

Inspection of the respirator is an important routine task. It should be completed before and after each use. The following defects should be checked:

- Rubber face piece should be checked for:
 - Cleanliness
 - Cracks, tears, or holes
 - Distortion from improper storage
 - Cracked, scratched or loose fitting lens
 - Broken or missing mounting clasp

- Headstraps should be checked for:
 - Breaks or tears
 - Loss of elasticity
 - Broken or malfunctioning buckles or attachments
 - Excessively worn serration of the head harness that might allow the face piece to slip.

- Inhalation valve, exhalation valve, should be checked for:
 - Detergent residue, dust particles or dirt on valve seat
 - Cracks, tears, or distortion in the valve material or valve seat
 - Missing or defective valve cover

- Filter elements should be checked for:
 - Proper filter for the hazard
 - Approval designation
 - Missing or worn gaskets
 - Cracks or dents in filter housing

The Plan Manager must fill out the Respirator Repair Form anytime he or the Manufacturer makes a repair. If the manufacturer makes the repair, then the Plan Manager must attach a copy of the repair invoice to the form. This form must be placed in the Asbestos 3-ring binder, Tab F section and kept for 30 years from the repair date. (See Form 9)

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

CLEANING AND DISINFECTING RESPIRATORS

Whenever possible, a respirator should be reserved for the exclusive use of a single individual. Following each use, the respirator should be cleaned and disinfected. The following procedures can be used to clean a respirator:

- Discard respirator cartridges as asbestos containing waste. See Page 10 for ACM disposal directions.
- Wash with a detergent or a combination detergent and disinfectant in warm water using a soft brush.
- Rinse in clean water, or rinse once with a disinfectant and once with clean water. The clean water rinse is particularly important because traces of detergent or disinfectant left on the mask can cause skin irritation and or damage to respirator components.
- Air-dry on a rack or hang; position the respirator so that the face piece rubber will not become distorted. Do not use heat to speed drying time as it can cause deterioration of the respirator.
- After the respirator is dry, store each respirator in its own individual package or container in a cabinet in the shop that will protect them from dust, sunlight, heat, excessive cold, moisture or damaging chemicals.

Finally, the Plan Manager needs to perform an evaluation of the respirator program at least annually. Use Form 10 to perform the evaluation and place a copy of the evaluation in the Asbestos 3-ring binder, Tab G section. Keep all copies for 30 years from evaluation date.

PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

A variety of the safety and personal protective equipment may be required as part of the O&M Program. This equipment would be used for work that will involve handling and disposing of pieces of ACM. This equipment includes:

- Impervious gloves, such as PVC, nitrile, or polyethylene
- HEPA-filtered vacuum
- Asbestos 6 mil waste disposal bags with appropriate labels
- 6 mil polyethylene sheeting (used as drop cloths and barriers)

NEGATIVE INITIAL EXPOSURE ASSESSMENT

A **Negative Initial Exposure Assessment** can be performed by Western Technologies or another qualified firm to define the work that can be performed without a respirator.

The **Negative Initial Exposure Assessment** demonstrates which routine maintenance and housekeeping activities are not affected by ACM by monitoring employee breathing while

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

performing these tasks. A copy of an Exposure Assessment form is included in this Asbestos binder after page 11.

All work that falls outside the assessment will require a respirator and the guidelines in this summary must be adhered to.

ACM DISPOSAL

Following are steps for disposal of non-friable and friable ACM:

1. Material must be misted with water prior to being removed and wrapped.
2. Material must be wrapped in 2 layers of 6-mil plastic. The first layer of poly needs to be sealed prior to wrapping with the second layer of poly.
3. A Waste Shipment Record/Manifest application must be filled out. (See examples in form section.) These forms may be obtained from local waste transport firms or other selected EPA accredited landfill.

Copies of the Waste Manifests must be kept in the Asbestos 3-ring binder, Tab J section permanently.

APPLICABLE WORK PRACTICES FOR LCSD

As outlined in the beginning of the summary, only Class IV and some Class III work will be performed by the LCSD staff once regulatory training and medical surveillance requirements are met. When Class III work is performed, it should be performed within the guidelines of the ACM repair directions defined below.

PHYSICAL DAMAGE TO CEILINGS AND DRYWALL TEXTURES

The most important consideration is that dust is not created during the repair process, or at the very least kept to a minimum with any dust being captured in plastic. Following are some examples and the measures that should be taken during the repair process:

A. Small Holes - Filling Procedure

Spread 6-mil plastic on the floor under the work area of the ceiling and/or wall. Lightly mist the area around the hole with water to eliminate any dust. Fill the hole with caulking and with a small paint brush stipple the surface level with the ceiling to simulate the texture. Clean the area with a wet mop or HEPA vacuum.

B. Large Holes – Debris quantities less than one glove bag or waste bag measuring 60 inches in length and width.

Spread 6-mil plastic on the floor under the work area. Secure plastic to the top of the wall just below the ceiling and around the work area that stretches to the floor to enclose the work area. Mist the area of ceiling to be replaced to eliminate creation of dust. Remove damaged material and place it in a plastic bag that is 6-mil thick. Fasten the new piece and finish the new piece

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

into the existing ceiling in such a fashion as not to disturb surrounding surfaces. Dispose of plastic and plastic bags by placing them in a second bag of 6-mil thickness according to disposal directions. Clean the area with a wet mop or HEPA vacuum.

WATER DAMAGE TO CEILINGS AND DRYWALLS

- A. Loose Texture - Debris quantities less than one glove bag or waste bag measuring 60 inches in length and width.

Spread plastic on floor under work area. Secure plastic to the ceiling around the work area that stretches to the floor to enclose the work area. Spray a light mist on loose texture to eliminate dust, lightly remove loose texture with a 6" drywall knife and place into double plastic bags of 6-mil thickness. Lightly stipple the area of voided texture with a brush using a texture coating material. Clean the area with a wet mop or HEPA vacuum.

- B. Water Stains

Water stains can be repaired without disturbing the ceiling and/or drywalls with the use of a paint sprayer. Cover the floor with plastic as well as any wall areas that could receive overspray. With the use of a sprayer, seal the stains with an oil-based sealer such as Kilz. After that has dried, spray the entire ceiling with a latex paint such as ICI Cottage White VI99.

PHYSICAL DAMAGE TO VINYL FLOORING MATERIALS

Vinyl flooring shall not be scraped off or removed. Any voids or cracks shall be filled with a floor prep compound such as Dap Web Patch 90 Floor Patch. The floor should be damp mopped prior to patch work to eliminate any dust.

New sheet vinyl, floor tiles, and/or cove base should then be installed over the existing material.

PHYSICAL DAMAGE TO CARPET BACKING AND MASTIC

Carpet backing and mastic encountered in the event of carpet replacement should be tested prior to removal. An asbestos abatement contractor utilizing wet removal methods must conduct removal of ACM carpet backing and mastic. ACM carpet backing and mastic shall be double wrapped in 6-mil thick poly and disposed of at an asbestos certified landfill. Clean the area with a steam cleaning method or HEPA vacuum.

PHYSICAL DAMAGE TO DUCT WRAP/THERMAL SYSTEMS INSULATION (TSI)

Damaged duct wrap and TSI material should be removed using wet methods to minimize the creation of dust and debris. Removed duct wrap/TSI should be placed in two 6-mil thick poly bags and disposed of at an asbestos certified landfill. Replace duct wrap/TSI with non-ACM materials.

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

PHYSICAL DAMAGE TO FIREPROOFING

Damaged fireproofing material should be removed using wet methods to minimize the creation of dust and debris. Removed fireproofing should be placed in two 6-mil thick poly bags and disposed of at an asbestos certified landfill. Replace fireproofing to meet current building codes.

PHYSICAL DAMAGE TO ROOFING MATERIAL (non-AHERA)

Asbestos containing roofing material is deregulated under OSHA but remains a NESHAP waste. NESHAP requires no visible emissions, proper packaging of waste and disposal. Damaged roofing should not be scrapped off or removed. Any voids or cracks should be filled in using a non-ACM roof patch or caulking. Precautions should be taken to prevent the creation of dusts and/or debris from the existing material.

Note: Any dust created needs to be vacuumed with a High Efficiency Particulate Air (HEPA) vacuum, capable of trapping and retaining at least 99.97% of all particles 0.3 micrometers in diameter. A HEPA vacuum can be purchased for approximately \$500.00 at:

ABATIX
4202 East Elwood #28
Phoenix, Arizona 85040
(602) 437-4993, or other industrial supplier.

The vacuum bags should be disposed of according to the guidelines for disposal listed on the manufacturer recommendations and in accordance with the OSHA and EPA regulation.

If a building occupant phones in a work order for work related to ACM that would fall under Class III, an Asbestos Related Job Request Form must be filled out by the Plan Manager. (See Form 11) This form must be kept in the Asbestos 3-ring binder, Tab H section, permanently. Upon each move out, the Plan Manager must fill out an Asbestos Move-Out Evaluation Form (See Form 12). The Move-Out Evaluations should be kept in the Asbestos 3-ring binder, Tab I section, permanently.

IMPORTANT

All suspect asbestos-containing materials located at the LCSD should be treated as Presumed Asbestos Containing Material (PACM). The material is considered PACM until adequately tested and the results indicate either an ACM or a non-ACM content. All building materials that are not wood, metal or glass and regardless of the year of manufacturing and installation are considered and should be treated as PACM.

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

Asbestos Forms & Certificates

INDEX

FILE COMPLETED FORMS AS DESCRIBED BELOW

TAB		
A.	TRAINING CERTIFICATES	
	PLAN MANAGER TRAINING	
	EMPLOYEE TRAINING	FORM 1
	RESPIRATOR TRAINING	FORM 8
	RESPIRATOR FIT TEST	
B.	PHYSICIAN REPORTS	
	INITIAL MEDICAL QUESTIONNAIRE	FORM 5
	PERIODIC MEDICAL QUESTION	FORM 6
	ASBESTOS RELATED JOB DESCRIPTION	FORM 7
C	RESIDENT/OCCUPANT NOTIFICATIONS	FORM 2
D	WORKERS ACKNOWLEDGEMENT	FORM 3
E	SUB-CONTRACTOR ACKNOWLEDGEMENTS	FORM 4
F	RESPIRATOR REPAIRS	FORM 9
G	RESPIRATOR PROGRAM EVALUATION	FORM 10
H	ASBESTOS RELATED JOB REQUESTS	FORM 11
I	REGULATORY REFERENCE	
	DISPOSAL MANIFESTS	
	ASBESTOS INSPECTION REPORTS	

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

Employee 2-Hour Asbestos Awareness Training Certificate

I have received 2-hours of Asbestos related training from the Asbestos Plan Manager or other qualified training source.

The training included the following:

Information regarding asbestos and its various uses and forms.

Information on health effects associated with asbestos exposure.

Locations of ACM identified throughout each facility building in which they work.

How individuals can avoid disturbing ACM.

Recognition of damage, deterioration, and delamination of ACM and how to report damage.

How custodial and maintenance personnel should deal with these materials to prevent fiber release.

What will be completed periodically and over the long term to protect the health and safety of employees.

How to deal with fiber release episodes.

The name and telephone number of the Asbestos Program Manager designated by property owner.

The availability and location of the O&M plan.

Signature of Employee: _____

Social Security Number or Employee ID: _____

Name Printed: _____ Date: _____

Plan Manager Signature: _____

Name Printed: _____

Form 1A

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

Employee 16-Hour Asbestos Awareness Training Certificate

I have received 16-hours of Asbestos related training from the Asbestos Plan Manager or other qualified training provider, in order to perform Class III asbestos work.

The training included the following:

Information regarding asbestos and its various uses and forms.

Information on health effects associated with asbestos exposure.

Locations of ACM identified throughout each facility building in which they work.

How individuals can avoid disturbing ACM.

Recognition of damage, deterioration, and delamination of ACM and how to report damage.

How custodial and maintenance personnel should deal with these materials to prevent fiber release.

What will be completed periodically and over the long term to protect the health and safety of employees.

How to deal with fiber release episodes.

The name and telephone number of the Asbestos Program Manager designated by property owner.

The availability and location of the O&M plan.

Signature of Employee: _____

Social Security No. or Employee ID: _____

Name Printed: _____ Date: _____

Plan Manager Signature: _____

Name Printed: _____

Form 1B

LCSD

Respirator Training Program (Form 8)

Before signing, be sure you understand each of the following:

1. Explanation of the ramification of misuse
2. Why the particular respirator was selected
3. Limitation of the selected respirator
4. Putting on the respirator
5. Wearing of the respirator
6. Maintenance of the respirator
7. Inspecting the respirator
8. Use of air-purifying respirator
9. Purpose of medical evaluation
10. Proper fit-testing techniques

I understand the use, care, and inspection of the respirator (s) I may use at this building.
I have had the opportunity to wear and fit-test the respirator (s) I may use at this building.

Signature of Employee: _____

Social Security No. or Employee ID: _____

Name Printed: _____ Date: _____

8/06

LCSD

INITIAL MEDICAL QUESTIONNAIRE (Form 5)

1. Name
2. Social Security #
3. Present Occupation
4. Community
5. Address
6. (Zip Code)
7. Telephone Number
8. Interviewer
9. Date
10. Date of Birth Month Day Year
11. Place of Birth
12. Sex
13. What is your marital status?
 1. Single
 2. Married
 3. Widowed
 4. Separated/Divorced
14. Race
 1. White
 2. Black
 3. Asian
 4. Hispanic
 5. Indian
 6. Other
15. What is the highest grade completed in school? (For example 12 years is completion of high school)

OCCUPATIONAL HISTORY

16A. Have you ever worked full time (30 hours week or more) for 6 months or more?

1. Yes 2. No IF YES GO TO 16A:

B. Have you ever worked for a year or more in any dusty job?

1. Yes 2. No 3. Does Not Apply

Specify job/industry Total Years Worked

Was dust exposure: 1. Mild 2. Moderate 3. Severe

C. Have you even been exposed to gas or chemical fumes in your work?

1. Yes 2. No

Specify job/industry Total Years Worked

D. What has been your usual occupation or job - the one you have worked at the longest?

1. Job occupation
2. Number of years employed in this occupation
3. Position/job title
4. Business, field or industry
(Record on lines the years in which you have worked in any of these industries, e.g. 1960-69)

Have you ever worked:

	Yes	No
E. In a mine?.....	((
F. In a quarry?.....	((
G. In a foundry?.....	((
H. In a pottery?.....	((
I. In a cotton, flax or hemp mill?.....	((
J. With asbestos?.....	((

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- | | Yes | No |
|---|-----|----|
| 17. PAST MEDICAL HISTORY | | |
| A. Do you consider yourself to be in good health?.....(
If "No" state reason | (| (|
| B. Have you any defect of vision.....(
If "Yes" state nature of defect | (| (|
| C. Have you any hearing defect?.....(
If "Yes" state nature of defect | (| (|
| D. Are you suffering from or have you ever suffered from: | | |
| a. Epilepsy (or fits, seizures, convulsions)? | (| (|
| b. Rheumatic fever? | (| (|
| c. Kidney disease? | (| (|
| d. Bladder disease? | (| (|
| e. Diabetes? | (| (|
| f. Jaundice? | (| (|

18. CHEST COLDS AND CHEST ILLNESSES

18A. If you get a cold, does it usually go to your chest?
(Usually means more than 1/2 the time)

1. Yes 2. No 3. Don't Get Colds

19A. During the past 3 years, have you had any chest illnesses that have kept you off work, indoors at home, or in bed?

1. Yes 2. No 3. Does Not Apply

B. Did you produce phlegm with any of these chest illnesses?

1. Yes 2. No 3. Does Not Apply

C. In the last 3 years, how many such illnesses with (increased) phlegm did you have which lasted a week or more?

Number of illnesses

No such illnesses

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

20. Did you have any lung trouble before the age of 16? Yes No
21. Have you ever had any of the following?
- 1A. Attacks of bronchitis? Yes No
If Yes To 1A
- B. Was it confirmed by a doctor? Yes No
- C. At what age was your first attack? Age in Years
Does Not Apply
- 2A. Pneumonia? Yes No
If Yes Go To 2A
- B. Was it confirmed by a doctor? Yes No
Does Not Apply
- C. At what age did you first have it? Age in Years
Does Not Apply
- 3A. Hay Fever? Yes No
- B. Was it confirmed by a doctor? Yes No
Does Not Apply
- C. At what age did it start? Age in Years
Does Not Apply
- 22A. Have you ever had chronic bronchitis? Yes No
If Yes To 22A
- B. Do you still have it? Yes No
Does Not Apply
- C. Was it confirmed by a doctor? Yes No
Does Not Apply
- D. At what age did you first have it? Age in Years
Does Not Apply
- 23A. Have you ever had emphysema? Yes No
- B. Do you still have it? Yes No
Does Not Apply

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- C. Was it confirmed by a doctor? Yes No
Does Not Apply
- D. At what age did it start? Age in Years
Does Not Apply
- 24A. Have you ever had asthma? Yes No
If Yes Go To 24A Does Not Apply
- B. Do you still have it? Yes No
Does Not Apply
- C. Was it confirmed by a doctor? Yes No
Does Not Apply
- D. At what age did it start? Age in Years
Does Not Apply
- E. If you no longer have it, at what age did it stop? Age Stopped
Does Not Apply
25. Have you ever had:
- A. Any other chest illness? Yes No
If yes, please specify
- B. Any chest operations? Yes No
If yes, please specify
- C. Any chest injuries? Yes No
If yes, please specify
- 26A. Has a doctor ever told you that you had heart trouble? Yes No
If Yes Go To 26A
- B. Have you ever had treatment for heart trouble in the past 10 years? Yes No
Does Not Apply
- 27A. Has a doctor ever told you that you had high blood pressure? Yes No
If Yes Go To 27A:
- 27B. Have you ever had any treatment for high blood pressure (hypertension in the past 10 years?) Yes No
Does Not Apply
28. When did you last have your chest X-rayed?

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

29. Where did you last have your chest X-rayed? What was the outcome?

FAMILY HISTORY

30. Were either of your natural parents ever told by a doctor that they had a chronic lung condition such as:

	FATHER			MOTHER		
	Yes	No	Don't Know	Yes	No	Don't Know

Chronic Bronchitis?

Emphysema?

Asthma?

Lung Cancer?

Other Chest Conditions?

30A. Is parent currently alive?

B. Please specify	Age if Living	Age if Living
	Age at Death	Age at Death
	Don't Know	Don't Know

C. Please specify cause of death

COUGH

31A. Do you usually have a cough? (Count cough with first smoke or on first going out of doors. Exclude clearing of throat.) If no, skip to question 31C. Yes No

31B. Do you usually cough as much as 4 to 6 times a day 4 or more days out of the week? Yes No

C. Do you usually cough at all on getting up or first thing in the morning? Yes No

D. Do you usually cough at all during the rest of the day or at night? Yes No
IF YES TO ANY OF ABOVE (31A, B, C, or D), ANSWER THE FOLLOWING. IF NO TO ALL, CHECK DOES NOT APPLY AND SKIP TO NEXT PAGE.

E. Do you usually cough like this on most days for 3 consecutive months or more during the year? Yes No Does Not Apply

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- F. For how many years have you had the cough? Number of Years
Does Not Apply
- 32A. Do you usually bring up phlegm from your chest?
(Count phlegm with the first smoke or on first going out of doors. Exclude phlegm from the nose.
Count swallowed phlegm.) (If no, skip to 32C)
- Yes No
- B. Do you usually bring up phlegm like this as much as twice a day 4 or more days out of the week?
- Yes No
- C. Do you usually bring up phlegm at all on getting up or first thing in the morning?
- Yes No
- D. Do you usually bring up phlegm at all during the rest of the day or at night?
- Yes No

IF YES TO ANY OF THE ABOVE (32A, B, C, OR D), ANSWER THE FOLLOWING:
IF NO TO ALL, CHECK DOES NOT APPLY AND SKIP TO 33A.

- E. Do you bring up phlegm like this on most days for 3 consecutive months or more during the year?
- Yes No
Does Not Apply
- F. For how many years have you had trouble with phlegm?
- Number of Years
Does Not Apply

EPISODES OF COUGH AND PHLEGM

- 33A. Have you had periods of episodes of (increased) cough and phlegm lasting for 3 weeks or more each year? (For persons who usually have cough and/or phlegm)
- Yes No
- If Yes To 33A
For how long have you had at least 1 such episode per year?
- Number of Years
Does Not Apply

WHEEZING

- 34A Does your chest ever sound wheezy or whistling
- | | | |
|----------------------------------|-----|----|
| 1. When you have a cold? | Yes | No |
| 2. Occasionally apart from colds | Yes | No |
| 3. Most days or nights? | Yes | No |
- If Yes To 1, 2 or 3 in 34A
- B. For how many years has this been present? Number of Years
Does Not Apply
- 35A. Have you ever had an attack of wheezing that has made you feel short of breath?
- | | | |
|--|-----|----|
| | Yes | No |
|--|-----|----|
- If Yes Go To 35A
- B. How old were you when you had your first such attack? Age in Years
Does Not Apply
- C. Have you had 2 or more such episodes? Yes No
Does Not Apply
- D. Have you ever required medicine or medicine for the (se) attack (s)?
Yes No
Does Not Apply

BREATHLESSNESS

36. If disabled from walking by any condition other than heart or lung diseases, please describe and proceed to question 37A.
- Nature of condition (s)
- 37A. Are you troubled by shortness of breath when hurrying on the level or walking up a slight hill?
- | | | |
|--|-----|----|
| | Yes | No |
|--|-----|----|
- If Yes To 37A
- B. Do you have to walk slower than people of your age on the level because of breathlessness? Yes No
Does Not Apply
- C. Do you ever have to stop for breath when walking at your own pace on the level? Yes No
Does Not Apply
- D. Do you ever have to stop for breath when walking about 100 yards (or after a few minutes) on the level? Yes No
Does Not Apply

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

- E. Are you too breathless to leave the house or breathless on dressing or climbing one flight of stairs?
Yes No
Does Not Apply

TOBACCO SMOKING

- 38A. Have you ever smoked cigarettes? (No means less than 20 packs of cigarettes or 12 oz. of tobacco in a lifetime or less than 1 cigarette a day for 1 year.)

Yes No

If Yes To 38A

- B. Do you now smoke cigarettes (as of one month ago)?

Yes No

Does Not Apply

- C. How old were you when you first started regular cigarette smoking?

Age in Years

Does Not Apply

- D. If you have stopped smoking cigarettes completely, how old were you when you stopped?

Age Stopped

Check if Still Smoking

Does Not Apply

- E. How many cigarettes do you smoke per day now? Cigarettes Per Day

Does Not Apply

- F. On the average of this entire time you smoked, how many cigarettes did you smoke per day?

Cigarettes Per Day

Does Not Apply

- G. Do or did you inhale the cigarette smoke? 1. Does Not Apply

2. Not At All

3. Slightly

4. Moderately

5. Deeply

- 39A. Have you ever smoked a pipe regularly?
(Yes means more than 12 oz. of tobacco in a lifetime.)

Yes No

If Yes Go To 39A:

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

FOR PERSONS WHO HAVE EVER SMOKED A PIPE

- B. 1. How old were you when you started to smoke a pipe regularly? Age?
2. If you have stopped smoking a pipe completely, how old were you when you stopped?
Age Stopped
Check if Still Smoking Pipe
Does Not Apply
- C. On the average over the entire time you smoked a pipe, how much pipe tobacco did you smoke per week?
oz. Per Week
(A standard pouch of tobacco contains 1 ½ oz.)
Not Currently Smoking a Pipe
- D. How much pipe tobacco are you smoking? oz. Per Week
Not Currently Smoking a Pipe
- E. Do you or did you inhale the pipe smoke? Never Smoked
Not At All
Slightly
Moderately
Deeply
- 40A. Have you ever smoked cigars regularly? Yes No
(Yes means more than 1 cigar a week for a year)
- If Yes Go To 40A

FOR PERSONS WHO HAVE EVER SMOKED CIGARS

- B. 1. How old were you when you started smoking cigars regularly? Age?
2. If you have stopped smoking cigars completely, how old were you when you stopped?
Age Stopped
Check If Still Smoking Cigars
Does Not Apply
- C. On the average over the entire time you smoked cigars, how many cigars did you smoke per week?
Cigars Per Week
Does Not Apply
- D. How many cigars are you smoking per week now?
Cigars Per Week
Check If Not Smoking Cigars
- E. Do or did you inhale the cigar smoke? 1. Never Smoked
2. Not At All
3. Slightly
4. Moderately
5. Deeply

Signature: _____

Date: _____

Page 10 of Form 5

LCSD

PERIODIC MEDICAL QUESTIONNAIRE (Form 6)

1. Name
2. Social Security #
3. Present Occupation
4. Community
5. Address
6. (Zip Code)
7. Telephone Number
8. Interviewer
9. Date
10. What is your marital status?
 1. Single
 2. Married
 3. Widowed
 4. Separated/
Divorced

11. OCCUPATIONAL HISTORY

- 11A. In the past year, did you work full time (30 hours per week or more) for 6 months or more?
 1. Yes
 2. NoIf Yes Go To 11A.
- 11B. In the past year, did you work in a dusty job?
 1. Yes
 2. No
 3. Does Not Apply
- 11C. Was dust exposure:
 1. Mild
 2. Moderate
 3. Severe
- 11D. In the past year what was your
 1. Job Occupation
 2. Position/Job Title?

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

12. RECENT MEDICAL HISTORY

12A. Do you consider yourself to be in good health? 1. Yes 2. No
If No, State Reason

12B. In the past year, have you developed:

Epilepsy?	1. Yes	2. No
Rheumatic fever?	1. Yes	2. No
Kidney disease?	1. Yes	2. No
Bladder disease?	1. Yes	2. No
Diabetes?	1. Yes	2. No
Jaundice?	1. Yes	2. No
Cancer?	1. Yes	2. No

13. CHEST COLDS AND CHEST ILLNESSES

13A. If you get a cold, does it usually go to your chest? 1. Yes 2. No
(Usually means more than ½ the time) 3. Don't Get Colds

13B. During the past year, have you had any chest illnesses that have kept you off work, indoors at home, or in bed? 1. Yes 2. No
3. Does Not Apply

IF YES TO 13B

14. Did you produce phlegm with any of these chest illnesses?
1. Yes 2. No
3. Does Not Apply

14A. In the past year, how many such illnesses with (increased) phlegm did you have which lasted a week or more?
Number of Illnesses
No Such Illnesses

15. RESPIRATORY SYSTEM

In the past year have you had:

Yes or No Further Comment on Positive Answers

Asthma
Bronchitis
Hay Fever
Other Allergies

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

Yes or No Further Comment on Positive Answers

Pneumonia
Tuberculosis
Chest Surgery
Other Lung Problems
Heart Disease
Do You Have:

Yes or No Further Comment on Positive Answers

Frequent Colds
Chronic Cough
Shortness of Breath
When Walking Or
Climbing One Flight Of Stairs
Do You:
 Wheeze
 Cough Up Phlegm
 Smoke Cigarettes

Packs Per Day How Many Years

Date: _____ Signature: _____

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

Asbestos Related Job Description (Form 7)

Employee Name: _____

The employee named above will be performing maintenance in buildings that have building materials that contain Asbestos. Asbestos is identified in the: _____

All other suspect building materials not tested or point counted are presumed ACM.

Work may consist of routine maintenance, changing of electrical fixtures, painting, minor plumbing, wall repairs and ceiling repairs up to, but no larger than 3 square feet. Some of the work may require the use of an air purifying, half mask, dual cartridge respirator. Levels of Asbestos disturbance and exposure will be negligible if at all. The employee must receive a minimum 2-hour asbestos awareness training and up to 16-hour asbestos training for Class III work, prior to working in these areas.

Plan Manager Signature: _____ Date: _____

Name Printed: _____

**RESIDENCE/OCCUPANT NOTIFICATION
LCSD**

LCSD Resident/Occupant:

Site:

Suite No.

We are concerned about the health and safety of our Employees/occupants and staff, and any contractors who work in our facilities. All suspect asbestos containing materials (ACM) at this site which include materials that are not wood, glass or metal are considered ACBM. If undisturbed, these materials present no danger to your health and safety.

We have copies of this operations and maintenance program in our office. All of our personnel have reviewed the management plan. Their review of the Plan will alert them to any Asbestos Containing Building Materials (ACM) in the area and what work practices should be used. In addition, all contractors who work in our facilities will review the Asbestos Management Plan before beginning work in our facilities and follow safe work practices to avoid disturbing the ACM.

We are complying with relevant EPA and OSHA regulations in this area and will be closely monitoring all asbestos activities to make sure we continue to provide you with a safe and healthy living environment.

Please sign and date both copies and return one to our office at year earliest convenience. Please retain the second copy for your files.

Sincerely,

Program Manager: _____

By: _____ Date _____
Resident/occupant

By: _____ Date _____
Resident/occupant

Form 2

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

Asbestos Management Plan (Form 3)

CERTIFICATE OF WORKER'S ACKNOWLEDGEMENT

NOTIFICATION:

WORKING WITH ASBESTOS CAN BE DANGEROUS. INHALING ASBESTOS FIBERS HAS BEEN LINKED WITH VARIOUS TYPES OF CANCER. IF YOU SMOKE AND INHALE ASBESTOS FIBERS THE CHANCE THAT YOU WILL DEVELOP LUNG CANCER IS GREATER THAN THAT OF THE NON-SMOKING PUBLIC.

An asbestos survey performed of this facility has identified building materials as asbestos-containing materials (ACM). Please review the Asbestos Inspection Report located at the Management office.

Knowing that these materials do or may contain asbestos, you will take all precautions to not disturb these materials without proper training and personal protection equipment. If any damage to these materials is identified, the Plan Manager, _____ will be notified at (Tel # 602- _____).

Prior to working on ACM or PACM or ACM/PACM debris, the LCSD requires that:

If the type of work being done requires it; you need to be supplied with the proper respirator and be trained in its use.

You will need to be trained in safe work practices and in the use of the equipment used.

You will receive a medical examination.

You will be familiar with the O&M plan which is available for review at the LCSD main office.

By signing this document you are acknowledging that the LCSD has notified you of identified ACMs in the buildings and has advised you of your rights to training and protection relative to your employment.

Signature: _____ Social Security No. or Employee ID _____
(Employee/worker)

Print Name: _____ Date: _____

Witness Signature: _____
(Plan Manager)

Witness Print Name: _____

8/06

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

Asbestos Management Plan (Form 4)

CERTIFICATE OF SUBCONTRACTORS ACKNOWLEDGEMENT

NOTIFICATION:

WORKING WITH ASBESTOS CAN BE DANGEROUS. INHALING ASBESTOS FIBERS HAS BEEN LINKED WITH VARIOUS TYPES OF CANCER. IF YOU SMOKE AND INHALE ASBESTOS FIBERS THE CHANCE THAT YOU WILL DEVELOP LUNG CANCER IS GREATER THAN THAT OF THE NON-SMOKING PUBLIC.

An asbestos survey performed of this facility has identified building materials as asbestos-containing materials (ACM). Please review the Asbestos Inspection Report located at the Management office.

Knowing that these materials do or may contain asbestos, you will take all precautions to not disturb these materials without proper training and personal protection equipment. If any damage to these materials is identified, the Plan Manager, _____ will be notified at (Tel # 602- _____).

Sub-Contractor:

Signature: _____ Print Name: _____ Date _____
(Employee of Sub-Contractor)

Witnessed By _____ Print Name _____ Date _____
(Plan Manager)

8/06

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

Respirator Repair (Form 9)

Date: _____

Repaired By: _____

(Attach Repair Invoice If Done By Manufacturer)

Check What Was Repaired Or Replaced:

Rubber Face Piece
Replaced Repaired
If Repaired Describe Repair

Headstraps
Replaced Repaired
If Repaired Describe Repair

Inhalation Valve
Replaced Repaired
If Repaired Describe Repair

Exhalation Valve
Replaced Repaired
If Repaired Describe Repair

Filter Elements
Replaced Repaired
If Repaired

8/06

LCSD

Respiratory Program Evaluation (Form 10)

Evaluation Date: _____ Evaluated By _____

In general, the respiratory program should be evaluated at least annually by the Plan Manager with program adjustments, as appropriate, made to reflect the evaluation results. A copy of the evaluation must be placed in the Asbestos Summary binder, and be kept for 30 years from the evaluation date.

A. PROGRAM ADMINISTRATION

- (1) Is there a written policy that identifies the Plan Manager as the responsible person for administering the respiratory program?
- (2) Are written guidelines showing where employees can get respirator fit testing and training on respirator use available?
- (3) Are there written procedures/statements covering the various aspects of the respirator program including:

Medical testing prior to respirator use

Verification and filing requirements for medical testing

An outline of what is included in medical testing

Verification and filing requirements for respirator training

An outline of what is included in respirator training

Routine inspection of respirators

Cleaning and disinfecting respirators

B. PROGRAM OPERATION

- (1) Respiratory protective equipment selection

Are written statements telling employees where to be fit tested and trained available?

Do individuals make knowledgeable selections of proper selection?

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

Has a medical evaluation of the prospective user been made to determine physical ability to wear the selected respirator?

Are written guidelines on maintaining records of medical reports available?

(2) Training

Are users trained in proper respirator use, cleaning, and inspection?

Are written guidelines for maintaining records of training available?

Are the written guidelines on cleaning and routine inspection of respirators?

Are users trained in basic selection of respirators?

(3) Respiratory protective equipment fitting

Are written instructions for users to obtain professional respirator fitting available?

Is the fitting retested at least annually?

Are instructions regarding maintaining a file on retesting available?

(4) Respirator Use

Are respirators being worn correctly (i.e., head covering over respirator straps)?

(5) Maintenance of respiratory equipment

(a) Cleaning and disinfecting

Are there written directions on cleaning and disinfecting respirators?

Are proper methods of cleaning and disinfecting utilized?

(b) Storage

Are written directions on proper storage of respirators available?

Are respirators stored in a manner so as to protect them from dust, sunlight, heat, excessive cold, moisture or damaging chemicals?

Are respirators stored properly in a storage facility so as to prevent them from deforming?

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

(c) Inspection

Are written instructions on inspecting respirators in place?
Is proper inspection part of the training in the respirator training and fit testing program?

Are respirators being inspected after each use?
Are respirator repairs done by the Plan Manager or the manufacturer?

Are there instructions on maintaining a record of the repairs and proper filing of such records?

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

Asbestos Related Job Request (Form 11)
(Class III Work)

Note: To Be Filled Out By the Plan Manager. If The Work Is Contracted Out, the Plan Manager Should Fill Out This Form And Attach A copy Of The Invoice.

This Form Shall Be Used When Routine Maintenance Work Will Involve Asbestos Containing Materials.

Apartment No: _____ Date: _____ Requested By: _____

Description Of Asbestos Related Work To Be Completed:

Work Authorized By: _____ Date: _____

Are Any Protective Actions Needed For Personal Protection or Asbestos Disturbance Avoidance?

No

Yes

If Yes, Describe Action Taken:

Date Work Was Completed: _____ By: _____

Describe In Detail Measures Used to Minimize Asbestos Disturbance, Clean Up, Equipment Used, And Worker Protection:

Reviewed By: _____

Plan Manager: _____ Date: _____

8/06

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

LCSD

EXAMPLE

Asbestos Related Job Request (Form 11)
(Class III Work)

Note: To be filled out by the Plan Manager. If the work is contracted out, the Plan Manager should fill out this form and attach A copy of the invoice.

This Form Shall Be Used When Routine Maintenance Work Will Involve Asbestos Containing Materials.

Site: Phoenix Corporate Center Address: 3003 North Central Avenue
Suite No. 120 Date: September 12, 2010 Requested By: John Smith

Description Of Asbestos Related Work To Be Completed:

Small Hole (3") In Office Ceiling (drywall system).

Work Authorized By: Plan Manager Mr. Johnson

Date: September 12, 2010

Are any protective actions needed for personal protection or asbestos disturbance avoidance?

No

Yes X

If Yes, Describe Action Taken:

Wet materials to be disturbed and place plastic sheeting below work area. A HEPA vacuum should be available for quick clean-up. Gloves and safety glasses should be worn during removal and replacement of the sheetrock. A clean source of water should be available for cleaning hands and arms.

Date Work Was Completed: September 12, 2010

By: Mr. Jones, Maintenance

Reviewed By: Mr. Johnson, Plan Manager Date: September 14, 2010

8/10

LOGAN CITY SCHOOL DISTRICT
OPERATIONS & MAINTENANCE ASBESTOS PROGRAM

Regulations Referenced:

OSHA

OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

29 CFR 1926.1101

ASBESTOS

AUGUST 10, 1994
59 FR 40964

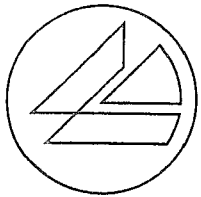
JUNE 29, 1995
60 FR 33974

SEPTEMBER 29, 1995
60 FR 50411

AUGUST 26, 1996
1910.1001

SEPTEMBER 23, 1996
61 FR 43454

APPENDIX I



PREVENTATIVE MEASURES

Custodial and maintenance staff will attend minimum 2-hours asbestos awareness training annually in accordance with OSHA 29 CFR Part 1926.1101.

Employees will review the Management Plans and be familiar with the locations and current conditions of identified ACBMs.

Employees will limit their contact with known ACBMs and notify the LEA's Designated person if damage or the potential for damage to ACBMs is observed or anticipated.

Employees are responsible for review of the OSHA 29 CFR Part 1926.1101 and are familiar with approved cleaning methods when working in areas where identified ACBMs are located.

PHYSICAL ASSESSMENT OF FRIABLE ACBM

Physical assessment sheets are only required for friable surfacing and/or TSI or other friable ACBMs. The friable ACBMs identified at this campus are pipe mud insulation, acoustical ceiling tiles, and sheet vinyl flooring. A physical assessment sheet is provided for these materials. A blank physical assessment form is also included in this management plan for use as needed should the condition of an ACBM change, as determined by an EPA accredited building inspector.

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Old Woodruff Building

TYPE OF MATERIAL: TSI X SURFACING _____ MISC. _____

HOMOGENEOUS MATERIAL: Pipe Insulation & Fittings

FUNCTIONAL SPACE(S): Crawl Space

SAMPLE NUMBER (S): W-23, W-24 and W-25

CONDITION OF MATERIALS (S): UNDAMAGED _____ DAMAGED X
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED X < 25% _____ > 25% _____

SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION X
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. X
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 12-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Old Woodruff Building

TYPE OF MATERIAL: _____ SURFACING _____ MISC. X _____

HOMOGENEOUS MATERIAL: Sheet Vinyl Flooring _____

FUNCTIONAL SPACE(S): 1b, 2, Corridor, 10, 1, 1a, 1c, 2, 2a, RR6, 4, 4a, 3, 19, 11, 15c _____

SAMPLE NUMBER (S): From Original Survey (not available) _____

CONDITION OF MATERIALS (S): UNDAMAGED X DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED _____ N/A _____ < 25% _____ > 25% _____

SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X _____
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Old Woodruff Building

TYPE OF MATERIAL: _____ SURFACING _____ MISC. X _____

HOMOGENEOUS MATERIAL: Acoustical Ceiling Tile

FUNCTIONAL SPACE(S): 14, 22, 22a, 4, 4a, 15, RR2, RR7, 9, West Corridor, 10, 11, 17, 7, 2, 18, 19, 20, 21

SAMPLE NUMBER (S): W-5, 6 & 7, W-8, 9 & 10, W-11, 12 & 13, W-14, 15 & 16, W-17, 18 & 19, W-20, 21 & 22

CONDITION OF MATERIALS (S): UNDAMAGED _____ DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED _____ < 25% _____ > 25% _____

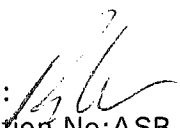
SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. _____ X
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Main Building

TYPE OF MATERIAL: TSI X SURFACING _____ MISC. _____

HOMOGENEOUS MATERIAL: Insulation, Fittings, Elbows, etc.

FUNCTIONAL SPACE(S): Tunnels, Boiler Rm 028, 140, 15, 17a, 20 through 30, 120 through 144 c and 222a, 10b & c, 12, 153, 236, 238145c140, 124g & 140

SAMPLE NUMBER (S): M-19, 29 & 21, W-22, 23 and 24

CONDITION OF MATERIALS (S): UNDAMAGED X DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED X < 25% _____ > 25% _____

SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X _____
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Main Building

TYPE OF MATERIAL: TSI _____ SURFACING _____ MISC. X _____

HOMOGENEOUS MATERIAL: Sheet Vinyl Flooring _____

FUNCTIONAL SPACE(S): 120a, 120b, 25, 25a, _____

SAMPLE NUMBER (S): From Original Inspection Report _____

CONDITION OF MATERIALS (S): UNDAMAGED X DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED X < 25% _____ > 25% _____

SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X _____
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Main Building

TYPE OF MATERIAL: TSI _____ SURFACING _____ MISC. X

HOMOGENEOUS MATERIAL: Acoustical Ceiling Tiles

FUNCTIONAL SPACE(S): 10, 12a, 14, 15, 26, 123, 124, 130a, b, 153, 236, N31, a, N32 through N42, Corridor, Main Level Offices, 101E, 105 through 113, 2a, 6, 141, 145, and throughout

SAMPLE NUMBER (S): M-1, 2 & 3; M-4, 5 & 6; M-7, 8 & 9; M-10, 11 & 12, M-13, 14 & 15; M-16, 17 & 18

CONDITION OF MATERIALS (S): UNDAMAGED X DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED X < 25% _____ > 25% _____

SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X _____
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Technologies Building

TYPE OF MATERIAL: TSI X SURFACING _____ MISC. _____

HOMOGENEOUS MATERIAL: Insulation, Fittings, Elbows, etc.

FUNCTIONAL SPACE(S): 100 through 111F, basement, tunnels, corridors, garage, north side stairs & year book room

SAMPLE NUMBER (S): T-7, 8 & 9; T-13, 14 & 15

CONDITION OF MATERIALS (S): UNDAMAGED X DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED X < 25% _____ > 25% _____

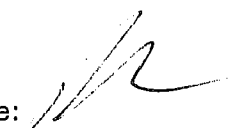
SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X _____
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Technologies Building

TYPE OF MATERIAL: TSI _____ SURFACING _____ MISC. X

HOMOGENEOUS MATERIAL: Acoustical Ceiling Tile

FUNCTIONAL SPACE(S): 101, 102, 102a, 110, 110a, 106, Corridor 1, 201, 201a, 201b, 202, 203, 204, 206, 210, 211, 212 and Corridor 2

SAMPLE NUMBER (S): T-1, 2 & 3, T4, 5 & 6

CONDITION OF MATERIALS (S): UNDAMAGED X DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED X < 25% _____ > 25% _____


SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

PHYSICAL ASSESSMENT OF FRIABLE ACBM

SCHOOL: Logan High School

BUILDING: Technologies Building

TYPE OF MATERIAL: TSI _____ SURFACING X _____ MISC. _____

HOMOGENEOUS MATERIAL: Fireproofing

FUNCTIONAL SPACE(S): 111, 111a, b, e and f, yearbook room and garage

SAMPLE NUMBER (S): T-16, 17 & 18

CONDITION OF MATERIALS (S): UNDAMAGED X DAMAGED _____
SIGNIFICANTLY DAMAGED _____

Description of damage: _____

OVERALL % OF DAMAGE: LOCALIZED X < 25% _____ > 25% _____

SOURCE OF DISTURBANCE: VANDALISM _____ WATER DAMAGE _____
VIBRATIONAL _____ AIR EROSION _____ DETERIORATION _____
PHYSICAL CONTACT _____ OTHER _____

AHERA CLASSIFICATION

1. Damaged or significantly damaged thermal systems insulation ACM. _____
2. Damaged friable surfacing ACM. _____
3. Significantly damaged friable surfacing ACM. _____
4. Damaged or significantly damaged friable miscellaneous ACM. _____
5. ACBM with potential for damage. X _____
6. ACBM with potential for significant damage. _____
7. Any remaining friable ACBM or friable suspected ACBM. _____

CLASSIFYING REASON:

Name of Inspector: Bob Wenzel
Date: 2-18-2011
Date of Expiration: 9-10-2011

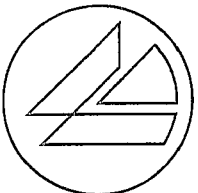
Signature: 
Accreditation No: ASB-2618
State of Accreditation: Utah

RECOMMENDED RESPONSE ACTIONS

It is recommended that the friable pipe mud insulation, acoustical ceiling materials, and sheet vinyl flooring be managed in place until at which time the District can have these materials abated by a qualified asbestos abatement contractor and properly disposed of. Until that time, Asbestos Caution labels shall be placed in all mechanical rooms, chase, risers, and crawl spaces where the identified TSI materials are located. The TSI, acoustical ceiling materials, and sheet vinyl flooring materials are not to be damaged and shall be maintained in good condition.

Custodial and maintenance staff working around these materials shall be informed to these materials, there location, and current condition. They shall be educated to the health effects associated with asbestos exposure and instructed not to damage these materials during the course of their work.

APPENDIX J



THREE YEAR AHERA
ASBESTOS REINSPECTION
LOGAN HIGH SCHOOL
100 SOUTH 162 WEST
LOGAN, UTAH

JOB NO. 6120JW137



**Western
Technologies
Inc.**

The Quality People
Since 1955

SALT LAKE CITY – UTAH

420 West Lawndale Drive
Salt Lake City, Utah 84115-2917
(801) 972-3650 • fax 972-3653

PREPARED FOR:

**LOGAN CITY SCHOOL DISTRICT
101 WEST CENTER STREET
LOGAN, UTAH**

January 23, 2011

Robert E. Wenzel, P.E.
Environmental Project Manager
AHERA Inspector ASB-2618, Exp. 9-10-2011

Vicky L. Aviles, AEP, CIAQM
Principal

ARIZONA

COTTONWOOD
FLAGSTAFF
FORT MOHAVE

LAKESIDE
LAKE HAVASU CITY
PHOENIX

PRESCOTT
SIERRA VISTA
TUCSON

COLORADO

DURANGO
GRAND JUNCTION

PAGOSA SPRINGS
TELLURIDE

NEVADA

LAS VEGAS

NEW MEXICO

ALBUQUERQUE
FARMINGTON

UTAH

SALT LAKE CITY

INSPECTION INFORMATION SUMMARY

Consulting Firm: Western Technologies Inc.
420 West Lawndale Drive
Salt Lake City, Utah 84115
(801) 972-3650

Current Property Owner(s): Logan City School District
101 West Center Street
Logan, Utah 84321

Site Addresses: 100 South 162 West
Logan, Utah

Facility Description: Logan High School

Age of Facilities Unknown

Date of Inspection: December 20-23, 2010

Name of EPA Accredited Inspectors: Robert Wenzel, P.E.
Vicki Aullman
Charles Kaleta

Certification Numbers & Expiration: ASB-2618 Exp. 9-10-2011
ASB-0087 Exp. 4-9-2011
ASB-4573 Exp. 7-9-2011

Training Facility: Rocky Mountain Center for Occupational &
Environmental Health

Number of Samples and Date Analyzed: 27 – January 12-13, 2011

Method of Analysis: PLM

Laboratory: Steve Moody Micro Services, LLC
2051 Valley View Lane
Farmers Branch, TX 75234

NVLAP Endorsement: 102056

ACBM Identified: Old Woodruff Building:
Floor Carpet Adhesive, ~ 12,000 s.f.
Wall Carpet Adhesive, ~ 6,200 s.f.
Sheet Vinyl Flooring & Adhesive, ~ 7,425 s.f.
9-inch Vinyl Floor Tile & Adhesive, ~ 3,095
s.f.
12-inch Vinyl Floor Tile & Adhesive, ~ 900 s.f.
Covebase Adhesive, ~ 500 s.f.
Stage Fire Curtains, ~ 2,000 s.f.



Continued:

Gray Duct Caulking, ~ 300 s.f.
Attic Insulation, ~ 40,000 s.f.
Window Glaze, ~ 10 s.f.
Window Caulking, ~ 800 s.f.
Sink Undercoating, ~ 16 s.f.
Pipe Insulation & Fittings, ~ 650 l.f.

Technology Building:

Black Vinyl Vibration Dampener, ~ 50 s.f.,
Gray Duct Caulk, ~ 300 s.f.
9-inch Vinyl Floor Tiles and Adhesive,
~ 7,000 s.f.
Floor Carpet Adhesive, ~ 6,000 s.f.
Covebase Adhesive, ~ 750 s.f.
Interior Kiln Brick, ~ 100 s.f.
Incandescent Light Reflective Pad, ~ 1200
s.f.
Pipe Mud Fittings), ~ 500 l.f.
Pipe Mag Block Fittings, ~ 500 l.f.
Sink under Coating, ~ 4 s.f.

Main Building (Original Construction):

Pipe Elbow/Fitting Insulation, 700 l.f.
Tank Insulation (End Caps), 115 s.f.
Tank Insulation, 80 s.f.
Boiler Exhaust Flue Insulation, 50 l.f.
Boiler Door Gaskets, ~ 50 s.f.
Valve Packing & Gaskets, ~ 200 s.f.
Interior Duct Insulation & Adhesive, ~ 1,000
s.f.
Drywall System (Ceilings), ~ 30,000 s.f.
Fume Hood Exhaust Cover Drywall, ~ 150 s.f.
Wall Carpet Adhesive, ~ 1,000 s.f.
Wall Paneling Adhesive, ~ 1,000 s.f.
Vinyl Wall Covering, ~ 1,800 s.f.
9-inch Vinyl Floor Tile & Adhesive, ~ 20,100
s.f.
Sheet Vinyl Flooring (Linoleum), ~ 240 s.f.
Floor Carpet Adhesive, ~ 8,200 s.f.
Covebase & Adhesive, ~ 90 s.f.
Sink Undercoat, ~ 45 s.f.
Cement Asbestos Counter Tops, ~ 80 s.f.
Fume Hood Lining, ~ 30 s.f.
Stage Fire Curtains, ~ 600 s.f.

Addition #1:

Wall/Ceiling Plaster, ~ 3,800 s.f.
Pipe Elbow/Fitting Insulation, ~ 45 l.f.



Continued:

Drywall System, ~ 3,100 s.f.
9-inch Vinyl Floor Tile & Adhesive, ~ 6,300 s.f.
12-inch Vinyl Floor Tile & Adhesive, ~ 175 s.f.
Covebase & Adhesive, ~ 425 s.f.
HVAC Duct Work Caulk, ~ 50 s.f.

Addition #2:

Wall/Ceiling Plaster, ~ 10,000 s.f.
Pipe Elbow/Fitting Insulation, ~ 4 l.f.
Drywall System, ~ 12,600 s.f.
9-inch Vinyl Floor Tile & Adhesive, ~ 5,200 s.f.
12-inch Vinyl Floor Tile & Adhesive, ~ 8,900 s.f.
Floor Carpet Adhesive, ~ 8,200 s.f.
Covebase & Adhesive, ~ 450 s.f.
Vinyl Floor Covering (linoleum), ~ 1,100 s.f.
Sink Undercoat, 20 s.f.





Western Technologies Inc.

The Quality People
Since 1955

420 West Lawndale Drive
Salt Lake City, Utah 84115-2917
(801) 972-3650 • fax 972-3653

January 23, 2011

Logan City School District
101 West Center Street
Logan, Utah 84321

Attn: Mr. Zane Woolstenhulme

Re: 3-Year AHERA Asbestos Reinspection
Logan High School.100 South 162 West, Logan, Utah

WT Job No. 6120JW137

INTRODUCTION

Western Technologies Inc. (WT) presents the results of the 3-year AHERA asbestos reinspection conducted at the above referenced site. WT was authorized by Mr. Zane Woolstenhulme, with the Logan City School District (LCSD), to perform these services according to WT's Proposal/Agreement for Professional Services (WT Ref. No. 6120PW167) dated September 28, 2010. WT's tasks included review of previous inspection and abatement documents provided by the District and on-site survey to visually assess the current conditions of identified asbestos containing building materials (ACBMs) and to identify suspect materials not previously accounted for. This report is intended to meet the requirements of the Asbestos Hazardous Emergency Response Act (AHERA) 40 CFR 763.

BUILDING DESCRIPTIONS (used for school use/child occupied)

All buildings are located at 100 South 162 West, Logan, Utah.

BUILDING ID	BUILDING USE
Main Building – Original Construction and Additions	Classrooms, Offices, Cafeteria, Theater
Old Woodruff Building	Classrooms, Offices, Theater
Technology Building	Classrooms, Offices, Labs
New Gym Building	Gym, Classrooms, Locker Rooms
Storage Garages and Sheds	Storage
Baseball and Football Stands	Storage, seating

DOCUMENTS REVIEW

WT was provided a binder containing AHERA reference documents for Logan High School. The binder contained the following documents:

- June 1993 – Operations & Management Program prepared by Environmental Health Services (EHS) for the Logan High School.
- Asbestos Training Signature Sheets between 1988 – 2008.
- Six-Month Surveillance documents dated between 1995 and 2009.
- June 1998 – AHERA Original Inspection Tables identifying original construction, addition #1, addition #2, renovation construction, remote classrooms, and cosmetic remodeling; prepared by EHS.
- December 2000 – AHERA Management Plan cover sheet prepared by EHS.
- December 2000 – Architectural acknowledgement from Design West for LCSD office remodel.
- March 2001 – AHERA Reinspection tables for: Old Woodruff Building and Technologies Building, prepared by EHS.
- May 2007 - Notification Letter
- 2008 – Asbestos abatement close-out documents prepared by Eagle Environmental (references removal of vinyl floor tile and mastic in classroom at the high school but exact location was not provided).

WT reviewed the above referenced documents and compared the site diagrams located in EHS's previous reports with a 2008 aerial photograph of the site to determine if previously identified buildings remained on site and if additional buildings had been added. Once this was completed, WT visited the site to verify details appearing on the aerial photograph with actual site structures.

WT noted that the Old Boy's Gymnasium reported in the 1998 reports was replaced with a new Gym Building constructed in 2000. WT received an Architect's Sign-off Letter for the newer Gym structure. A remote classroom building that was previously located on the site had been removed and is no longer present. This building is believed to have been moved to Mt. Logan Middle School and was inspected as part of that school. Additionally, previous inspections did not include out buildings on the site including two storage garages, a storage shed, baseball and football stands/storage areas. These buildings are accessed by students and are required to be inspected as part of this AHERA survey. WT surveyed these structures individually and are discussed below.

REINSPECTION ACTIVITIES

On December 20 to 23, 2011, Mr. Robert Wenzel, Ms. Vicky Aullman, and Mr. Charles Kaleta, EPA accredited building inspectors, conducted the visual survey of the campus. WT walked the buildings to see if any changes could be determined and conducted the reinspection of identified ACBMs in the Old Woodruff Building, Technology Building, Main Building, New Gym, as well as the storage garages, storage shed and baseball and football field stands/storage areas.



WT utilized the previously prepared floor plans for the Old Woodruff Building, Technology Building and Main Building and created floor plans for the New Gym, as well as the storage garages, storage shed and baseball and football field stands/storage areas to identify locations of ACBMs. These materials were touched to determine their friability, and the current condition of the materials was documented. WT also collected samples of friable materials not previously sampled including ceiling tiles and ceiling panels. WT also sampled thermal system insulation and sink undercoating to confirm the assumption of the materials as asbestos containing.

WT generated a site diagram of the Property identifying all structures currently at this site, which is included at the end of this report (Figures A and B). WT also generated floorplan diagrams of Old Woodruff Building, Technology Building and Main Building and created floor plans for the New Gym, as well as the storage garages, storage shed and baseball and football field stands/storage areas. The functional space diagrams are provided in the appendices of this report.

OBSERVATIONS

Old Woodruff Building

WT observed the previously identified asbestos containing materials: pipe elbow & fitting insulation, vinyl floor tile and adhesive, sheet vinyl flooring, carpet mastic, stage fire curtains and other items listed on Table 1. No changes were observed and the materials remain in place. Survey support data is located in Appendix A of this report.

Technology Building

WT observed the previously identified asbestos containing materials: pipe elbow & fitting insulation, vinyl floor tile and adhesive, carpet mastic, and other items listed on Table 2. No changes were observed and the materials remain in place. Survey support data is located in Appendix B of this report.

Main Building

WT observed the previously identified asbestos containing materials: pipe elbow & fitting insulation, interior boiler insulation, tank insulation, vinyl floor tile and adhesive, drywall systems, carpet adhesive, covebase and adhesive, stage fire curtains and other items listed on Table 3. No changes were observed and the materials remain in place. Survey support data is located in Appendix C of this report.



New Gym

The new gym building was constructed in 2000. WT reviewed a copy of the architectural sign-off for the building. According to the Logan High School Basketball Coach, no additions or remodels have occurred in the New Gym area of the building since 2000. The architectural sign-off is located in Appendix D of this report.

Football Storage & Restroom

No previous inspection had been performed at the storage and restroom located near the football stands. The stands and restroom are constructed of concrete, concrete block and metal. No interior building materials were identified as suspect for ACBM. Diagram of these structures is located in Appendix E of this report.

Storage Garage (near Old Woodruff Building)

No previous inspection had been performed at the Storage Garage near the Old Woodruff Building. The garage was constructed of concrete and wood with a metal/asphalt roof. No interior building materials were identified as suspect for ACBM. Diagram of these structures is located in Appendix E of this report.

Storage Garage (near Baseball Stands)

No previous inspection had been performed at the Storage Garage near the Baseball Stands. The garage was constructed of concrete and wood with an asphalt roof. No interior building materials were identified as suspect for ACBM. Diagram of these structures is located in Appendix E of this report.

Storage Shed (near Softball Field)

No previous inspection had been performed at the Storage Shed by the Softball Field. The shed was constructed of wood with an asphalt roof. No interior building materials were identified as suspect for ACBM. Diagram of these structures is located in Appendix E of this report.

SUMMARY OF ACBMS

Old Woodruff Building:

Floor Carpet Adhesive, ~ 12,000 s.f.

Wall Carpet Adhesive, ~ 6,200 s.f.

Sheet Vinyl Flooring & Adhesive, ~ 7,425 s.f.

9-inch Vinyl Floor Tile & Adhesive, ~ 3,095 s.f.

12-inch Vinyl Floor Tile & Adhesive, ~ 900 s.f.

Covebase Adhesive, ~ 500 s.f.



Stage Fire Curtains, ~ 2,000 s.f.
Gray Duct Caulking, ~ 300 s.f.
Attic Insulation, ~ 40,000 s.f.
Window Glaze, ~ 10 s.f.
Window Caulking, ~ 800 s.f.
Sink Undercoating, ~ 16 s.f.
Pipe Insulation & Fittings, ~ 650 l.f.

Technology Building:

Black Vinyl Vibration Dampener, ~ 50 s.f.,
Gray Duct Caulk, ~ 300 s.f.
9-inch Vinyl Floor Tiles and Adhesive, ~ 7,000 s.f.
Floor Carpet Adhesive, ~ 6,000 s.f.
Covebase Adhesive, ~ 750 s.f.
Interior Kiln Brick, ~ 100 s.f.
Incandescent Light Reflective Pad, ~ 1200 s.f.
Pipe Mud Fittings), ~ 500 l.f.
Pipe Mag Block Fittings, ~ 500 l.f.
Sink under Coating, ~ 4 s.f.

Main Building (Original Construction):

Pipe Elbow/Fitting Insulation, 700 l.f.
Tank Insulation (End Caps), 115 s.f.
Tank Insulation, 80 s.f.
Boiler Exhaust Flue Insulation, 50 l.f.
Boiler Door Gaskets, ~ 50 s.f.
Valve Packing & Gaskets, ~ 200 s.f.
Interior Duct Insulation & Adhesive, ~ 1,000 s.f.
Drywall System (Ceilings), ~ 30,000 s.f.
Fume Hood Exhaust Cover Drywall, ~ 150 s.f.
Wall Carpet Adhesive, ~ 1,000 s.f.
Wall Paneling Adhesive, ~ 1,000 s.f.
Vinyl Wall Covering, ~ 1,800 s.f.
9-inch Vinyl Floor Tile & Adhesive, ~ 20,100 s.f.
Sheet Vinyl Flooring (Linoleum), ~ 240 s.f.
Floor Carpet Adhesive, ~ 8,200 s.f.
Covebase & Adhesive, ~ 90 s.f.
Sink Undercoat, ~ 45 s.f.
Cement Asbestos Counter Tops, ~ 80 s.f.
Fume Hood Lining, ~ 30 s.f.
Stage Fire Curtains, ~ 600 s.f.

Addition #1:

Wall/Ceiling Plaster, ~ 3,800 s.f.
Pipe Elbow/Fitting Insulation, ~ 45 l.f.



Drywall System, ~3,100 s.f.
9-inch Vinyl Floor Tile & Adhesive, ~6,300 s.f.
12-inch Vinyl Floor Tile & Adhesive, ~175 s.f.
Covebase & Adhesive, ~425 s.f.
HVAC Duct Work Caulk, ~50 s.f.

Addition #2:

Wall/Ceiling Plaster, ~10,000 s.f.
Pipe Elbow/Fitting Insulation, ~4 l.f.
Drywall System, ~12,600 s.f.
9-inch Vinyl Floor Tile & Adhesive, ~5,200 s.f.
12-inch Vinyl Floor Tile & Adhesive, ~8,900 s.f.
Floor Carpet Adhesive, ~8,200 s.f.
Covebase & Adhesive, ~450 s.f.
Vinyl Floor Covering (linoleum), ~1,100 s.f.
Sink Undercoat, 20 s.f.

OSHA CLASSIFICATION & NESHAP CATEGORY (FOR ABATEMENT)

The following paragraphs provide classifications and categories used to describe the regulatory requirements for the planned abatement of homogeneous materials. The OSHA classifications provide details for the personal protective equipment and engineering controls needed for abatement of these materials. The NESHAP requires 10-day notification with possible associated fees prior to the disturbance of regulated asbestos containing materials that quantify 160 square feet and/or 260 linear feet or greater than or equal to 35 cubic feet.

Floor Tile and Associated Mastic

The floor tile and associated mastic are non-friable miscellaneous materials that do not pose a significant risk of fiber release in their current conditions. OSHA classifies the removal of asbestos containing floor tile and associated mastic as Class II work. Floor tile and associated mastic is categorized by NESHAP as Category I, non-friable. If mechanical removal methods are utilized, including rotary buffer, the material is categorized by NESHAP as Regulated Asbestos Containing Material (RACM).

Sink Undercoat

The undercoat material of the sink basins are non-friable miscellaneous materials that do not pose a significant risk of fiber release in their current conditions. OSHA classifies the removal of these asbestos containing materials as Class II work. These items should be removed using non-disturbance component removal methods as a single unit and remain intact. NESHAP classifies the disposal of these materials as Class II, non-friable.



Window Caulking

The window caulking is non-friable miscellaneous material that does not pose a significant risk of fiber release in its current condition. OSHA classifies the removal of these asbestos containing materials as Class II work. These items should be removed using non-disturbance component removal methods. NESHAP classifies the disposal of these materials as Class II, non-friable.

Pipe Insulation (fittings, tees, valves, boiler block, tank insulation, etc)

The insulation is a friable thermal system insulation (TSI) material that appeared in good condition at the time of the inspection. Removal of this material is classified by OSHA as Class I work and categorized by NESHAP as RACM.

HVAC Vibration Boots

The HVAC vibration boots are non-friable miscellaneous material that does not pose a significant risk of fiber release in its current condition. OSHA classifies the removal of asbestos containing vibration boots as Class II work. This material is categorized by NESHAP as Category II, non-friable. Removal of the booths may be accomplished using component removal methods for non-disturbance.

Duct Seam Tape

The asbestos containing duct seam tape is a friable miscellaneous material that appeared in good condition at the time of the inspection. Removal of duct seam tape is classified by OSHA as Class II work; and categorized by NESHAP as RACM. An EPA certified contractor should remove this material and it should be disposed at a landfill accepting asbestos containing wastes.

Cement Asbestos Wallboard

The cement asbestos wallboard is considered by EPA as miscellaneous, non-friable asbestos containing material in its current condition. Removal of the cement asbestos wallboard is classified by OSHA as Class II work. The cement asbestos wallboard is categorized by the NESHAP Category II as long as it does not become broken (friable). If these materials are damaged they should be reported as RACM.

Laboratory Counter Tops

A counter tops are not considered a building material but a component. The asbestos-containing counter top material is considered a miscellaneous, non-friable material. Removal of



these components can be accomplished without disturbing the ACM. OSHA does not classify removal of the counter tops since no exposure will occur. The counter tops are categorized by the NESHAP as Category II, non-friable material.

Carpet Mastic

The mastic is a non-friable miscellaneous material that does not pose a significant risk of fiber release in its current conditions. OSHA classifies the removal of asbestos containing mastic as Class II work. Mastic is categorized by NESHAP as Category II, non-friable. If mechanical removal methods are utilized, including rotary buffer, the material is categorized by NESHAP as RACM.

Covebase and Associated Mastic

The covebase and associated mastic is non-friable miscellaneous material that does not pose a significant risk of fiber release in its current condition. OSHA classifies the removal of asbestos containing mastic as Class II work. Mastic is categorized by NESHAP as Category II, non-friable. If mechanical removal methods are utilized or if the mastic is on ACM wall materials, removal of the material is categorized by NESHAP as RACM.

Drywall System (Texture/Tape Compound)

The drywall texture/tape compound materials are non-friable surfacing materials. The drywall texture/tape compound does not pose a significant risk of fiber release as long as it is not disturbed. OSHA classifies the removal of asbestos containing drywall texture/tape compound as Class II work. Drywall texture/tape compound is categorized by NESHAP as RACM.

Plaster (Walls/Ceilings)

The asbestos containing plaster is considered by EPA as surfacing, non-friable asbestos containing material. Removal of the asbestos containing plaster is classified by OSHA as Class II work. The asbestos plaster is categorized by the NESHAP as Regulated Asbestos Containing Material (RACM).

Curtain (stage)

A stage curtain is not considered a building material but a component. The asbestos-containing material is considered a miscellaneous, non-friable material. Removal of the curtain can be accomplished without disturbing the ACM. Removal of the curtain is classified by OSHA as Class II work. Disposal of the curtain is categorized by the NESHAP as Category II, non-friable material.



Sheet Vinyl Flooring

The vinyl sheet flooring material appeared in good condition at the time of the inspection, and does not pose a significant risk of fiber release in its current condition. The vinyl surface of the sheet vinyl is not friable but the paper backing is considered a friable material. OSHA identifies the removal of sheet vinyl flooring material as Class II work and categorized by NESHAP as RACM.

LIMITATIONS

The EPA AHERA regulations identify interior building materials that would be found within areas that would be most likely be occupied by children grades K-12. The identification of exterior building materials for asbestos are included as an EPA NESHAP survey and removal and/or other damage to these materials is also regulated under OSHA.

Architectural Sign-Offs for new construction is EPA's effort to cause least burdensome financial cost to newer constructed schools. The use of asbestos in building materials has not been totally banned and remains to be identified in newer materials. The architectural sign-off satisfies AHERA but does not replace the NESHAP and OSHA regulations for inspection of these materials prior to planned renovation and/or demolition.

Conditions can exist within structures and below the ground surface that are not apparent visually or disclosed by sampling data. This study is limited to the conditions expressly disclosed in this report, and it does not represent the assessment or absence of any other conditions on or affecting the Site. WT's findings are based on the assumption that the sampling locations, and the resulting data, are representative of assessed conditions.

WT's interpretation, discussion and opinions of the results obtained from the referenced methods, observed conditions, and tested samples are applicable only to the specifically tested locations at the times stated herein.

The regulatory standards referenced in this report are based on our knowledge of applicable regulatory standards in effect at the time the work was performed. WT cannot anticipate potential future changes to regulatory standards by appropriate governmental agencies.

WT has performed our services in accordance with our contract with our Client, utilizing the ordinary degree of skill and care practiced by other firms providing similar services in the locality of the site. No other warranty or representation, either express or implied, is made.



ABATEMENT BUDGET

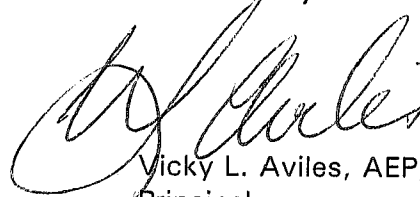
BUILDING ID	ABATEMENT BUDGET
Main Building – Original Construction and Additions	\$375,000-\$378,000
Old Woodruff Building	\$75,000-\$78,000
Technology Building	\$33,000-\$35,000
New Gym Building	0
Storage Garages and Sheds	0
Structures Associated with the Baseball and Football Stands	0

CLOSURE

Thank you for the opportunity to provide services for this project. Please call our office if you have any questions concerning the inspection, the report, or to provide a quotation for additional consulting services at (801) 972-3650.

Sincerely,
WESTERN TECHNOLOGIES INC.
Environmental Services

Reviewed by:



Vicky L. Aviles, AEP, CIAQM
Principal

Robert Wenzel, P.E.
Environmental Project Manager
AHERA Inspector ASB-2618, Exp. 9-10-2011

Attachments: Figure A - Aerial Photograph 2008
Figure B - Site Diagram

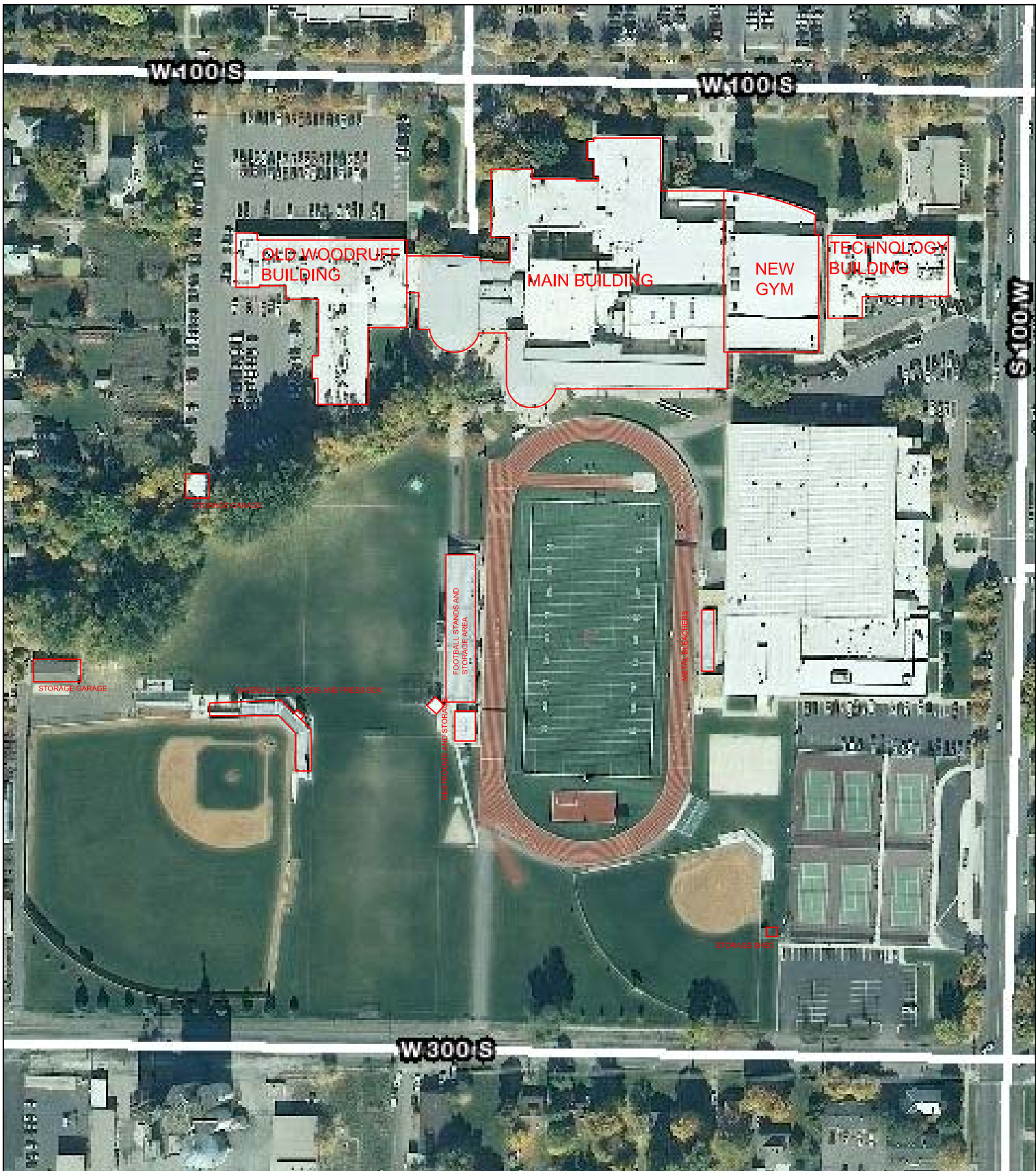
Appendix A: Figure 1 - Functional Space and ACBM Location Diagram – Old Woodruff Building
Table 1 - Summary of Homogeneous Materials by Functional Space – Old Woodruff Building

Appendix B: Figure 2 - Functional Space and ACBM Location Diagram – Technology Building
Table 2 - Summary of Homogeneous Materials by Functional Space – Technology Building

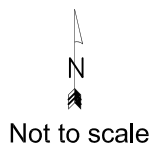


- Appendix C:** Figure 3 - Functional Space and ACBM Location Diagram – Main Building Upper Level
Figure 4 - Functional Space and ACBM Location Diagram – Main Building Main Level
Figure 5 - Functional Space and ACBM Location Diagram – Main Building Lower Level
Table 3 - Summary of Homogeneous Materials by Functional Space – Main Building
- Appendix D:** Figure 6 - Functional Space and ACBM Location Diagram – Main Building New Gym
Architects Signed Acknowledgement of No Asbestos Used in Construction
- Appendix E:** Figure 7 - Functional Space and ACBM Location Diagram – Baseball Stands
Figure 8 - Functional Space and ACBM Location Diagram – Football Stands-Storage
Figure 9 - Functional Space and ACBM Location Diagram – Storage Garage
Figure 10 - Functional Space and ACBM Location Diagram – Storage Garage
Figure 11 - Functional Space and ACBM Location Diagram – Storage Shed
- Appendix F:** Chain-of-Custody, Laboratory Report, Inspectors' Certifications





SOURCE: MAPQUEST MAPS, 2008



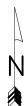
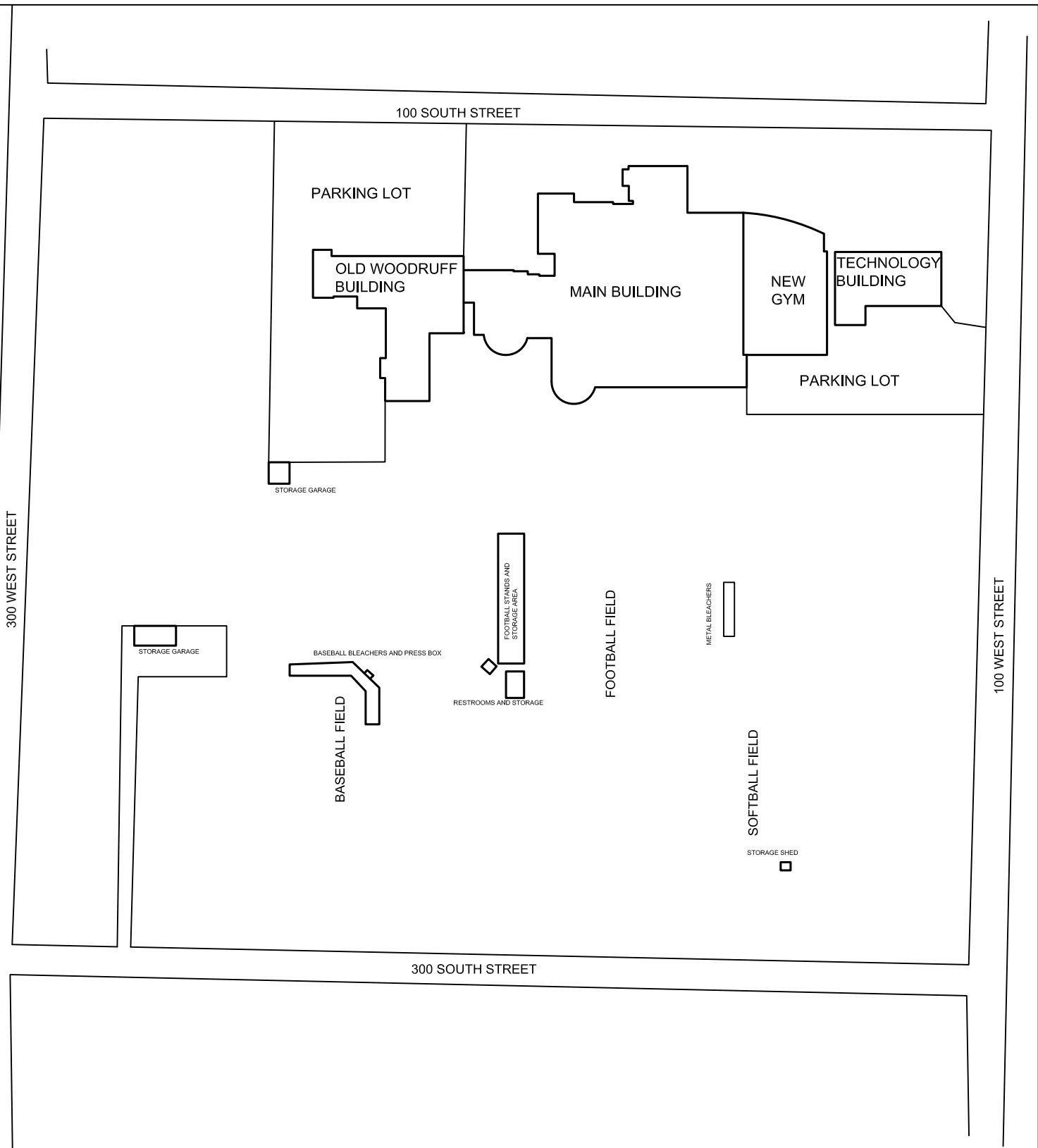
LOGAN HIGH SCHOOL

2008 Aerial Photograph

Western Technologies, Inc.

Job No. 6120JW137

Figure - A



Not to scale

LOGAN HIGH SCHOOL

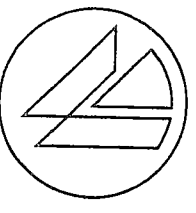
SITE DIAGRAM

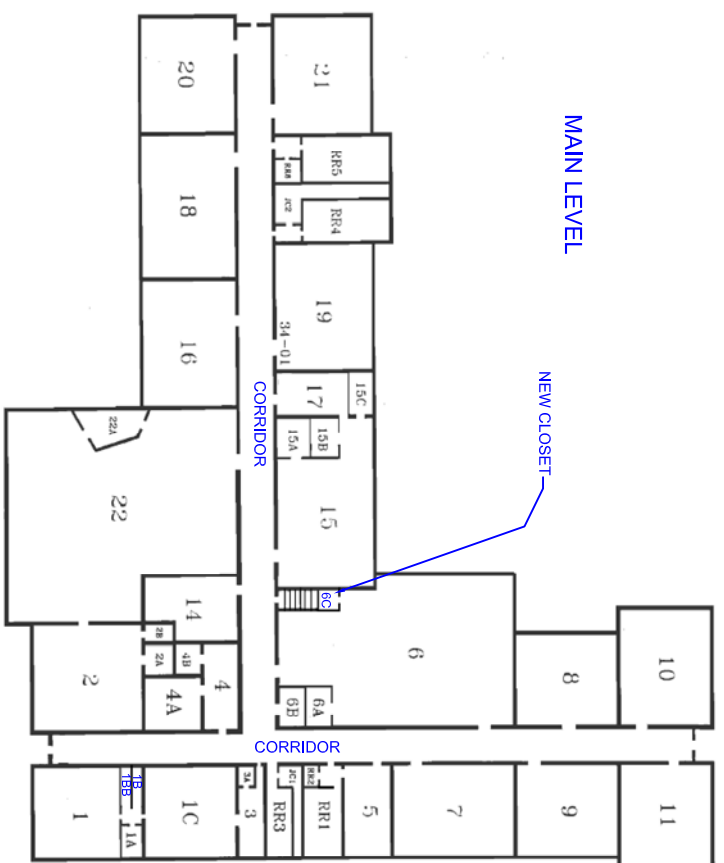
Western Technologies, Inc.

Job No. 6120JW137

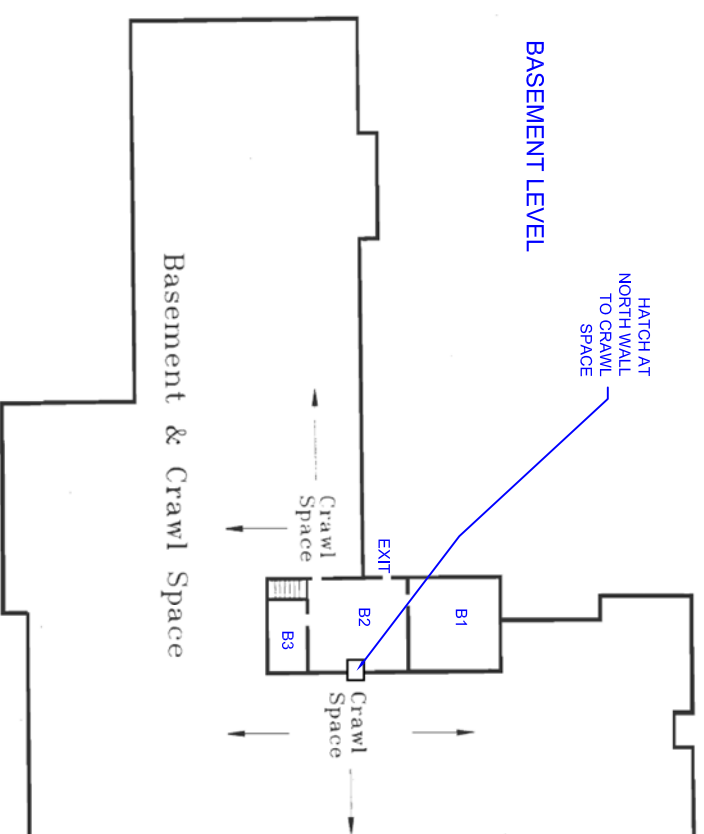
Figure - B

APPENDIX A





LOGAN HIGH SCHOOL - OLD WOODRUFF BUILDING



LEGEND:

- FLOOR CARPET ADHESIVE, ~12,000 SQ FT, FS: 1, 1C, 2, 2B, 3, 4, 4A, 6, 6A, 7, 8, 9, 10, 11, 15, 15A, 17, 18, 19, 20, 22, 22A
- WALL CARPET ADHESIVE, ~6,200 SQ FT, FS: 2, 6, 7, 9, 14, 18, 20, 22, 22A
- GREEN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~1,850 SQ FT, FS: 1B, 2, CORRIDORS
- WHITE & GRAY SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~150 SQ FT, FS: 10
- BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~1,850 SQ FT, FS: 1, 1A, 1C, 2, 2A, RR6, CORRIDORS
- TAN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~275 SQ FT, FS: 4, 4A
- TAN & WHITE SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~3,000 SQ FT, FS: 3, 19
- TAN & BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING, ADHESIVE, ~150 SQ FT, FS: 11
- TAN & CREAM SHEET VINYL FLOOR COVERING (LINOLEUM), BACKING ADHESIVE, ~150 SQ FT, FS: 15C
- 9"X9" TAN FLOOR TILE, ADHESIVE, ~975 SQ FT, FS: 6B, 11, 17
- 9"X9" GRAY FLOOR TILE, ADHESIVE, ~720 SQ FT, FS: 10
- 9"X9" WHITE FLOOR TILE, ADHESIVE, ~1,400 SQ FT, FS: 18, 20
- 12"X12" WHITE FLOOR TILE, ADHESIVE, ~300 SQ FT, FS: 3A, RR2, RR7
- 12"X12" TAN FLOOR TILE, ADHESIVE, ~600 SQ FT, FS: 15, 15C
- 2" BROWN BASE BOARD MOLDING, ADHESIVE, ~40 SQ FT, FS: 3 (ADHESIVE ONLY), 3A
- 4" PURPLE BASE BOARD MOLDING, ADHESIVE, ~460 SQ FT, FS: 11, 22, 22A
- RED STAGE FIRE CURTAIN, ~1000 SQ FT, FS: STAGE
- TAN STAGE FIRE CURTAIN, ~1000 SQ FT, FS: STAGE
- GRAY DUCT CAULKING, ~300 SQ FT, FS: ATTIC
- GRAY ATTIC INSULATION, ~40,000 SQ FT, FS: ATTIC
- WINDOW GLAZE, ~10 SQ FT, FS: B3
- WINDOW CAULKING, ~800 SQ FT, FS: ALL WINDOWS
- STAINLESS STEEL SINK UNDERCOATING, ~16 SQ FT, FS: 9, 14, 15
- PIPE INSULATION AND PIPE FITTINGS, ~650 LF, FS: CRAWLSPACE



APPROXIMATELY 1 inch = 50 feet

**TABLE 1
SUMMARY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Valve Packing and Gaskets	-	-	-	-	-	-	No Longer Present
N/A	Adhesive (under carpet)	1, 1c, 2, 2b, 3, 4, 4a, 6, 6a, 7, 8, 9, 10, 11, 15, 15a, 17, 18, 19, 20, 22, 22a	NF	Misc.	12,000	Assumed	Good	
N/A	Adhesive (under carpet on walls)	2, 6, 7, 9, 14, 18, 20, 22, 22a	NF	Misc.	6,200	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Green, Paper Backing, & Adhesive)	1b, 2, Corridors	NF	Misc.	1,850	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (White & Gray, Paper Backing, & Adhesive)	10	NF	Misc.	150	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Brown, Paper Backing, & Adhesive)	1, 1a, 1c, 2, 2a, RR6, Corridors	NF	Misc.	1,850	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Tan, Paper Backing, & Adhesive)	4, 4a	NF	Misc.	275	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Tan & White, Paper Backing, & Adhesive)	3, 19	NF	Misc.	3,000	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Tan & Brown, Paper Backing, & Adhesive)	11	NF	Misc.	150	Assumed	Good	

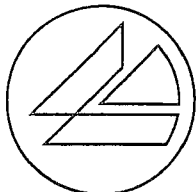
**TABLE 1
SUMMARY OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

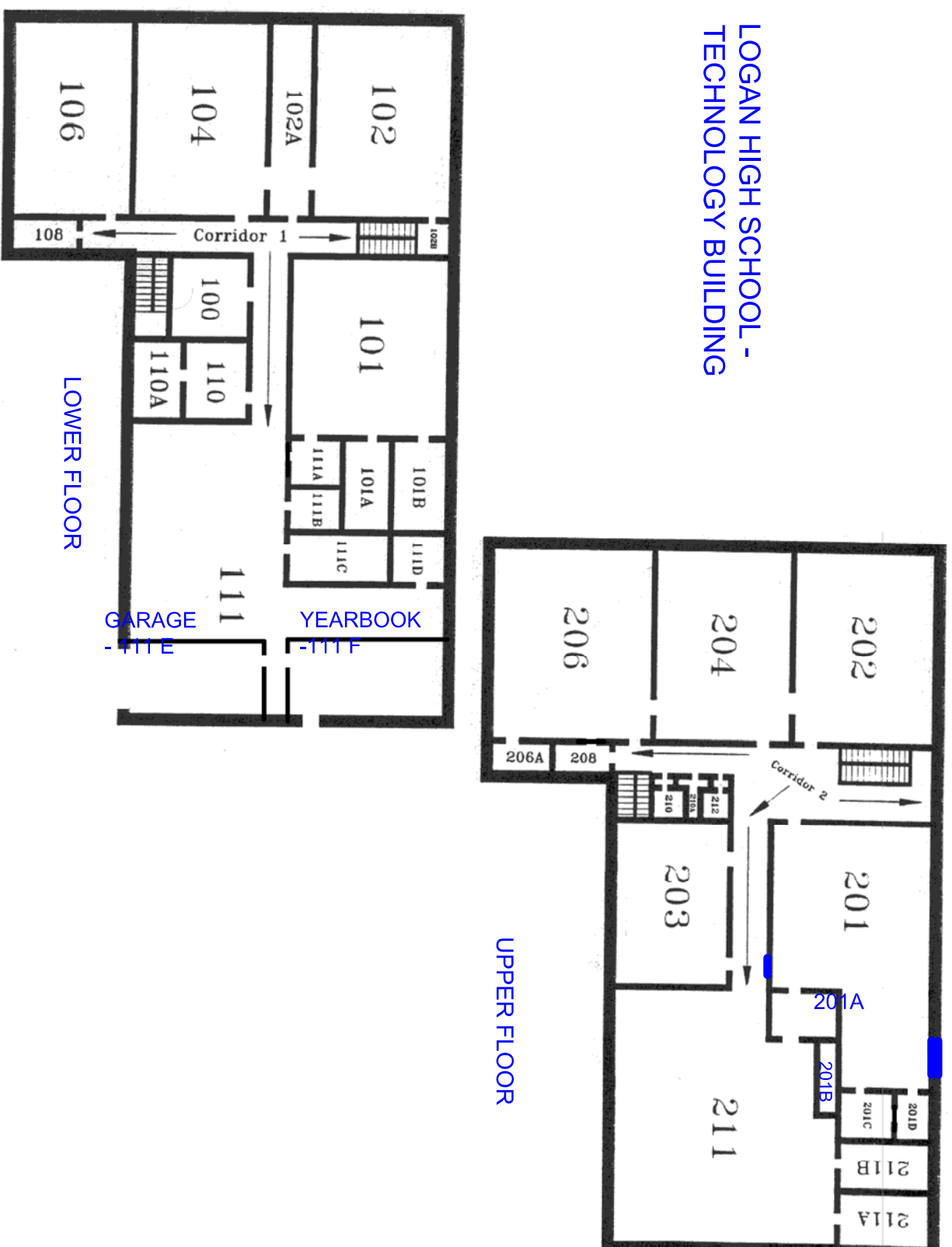
PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building		PROJECT NO: 6120JW137				
HOMOGENOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
N/A	Sheet Vinyl Floor Covering (Tan & Cream, Paper Backing & Adhesive)	15c	NF	Misc.	150	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - Tan)	6b, 11, 17	NF	Misc.	975	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - Gray)	10	NF	Misc.	720	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (9-inch - White)	18, 20	NF	Misc.	1,400	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12-inch - White)	3a, RR2, RR7	NF	Misc.	300	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12-inch - Tan)	15, 15c	NF	Misc.	600	Assumed	Good	
N/A	Covebase Molding & Adhesive (2-inch Brown)	3 (adhesive only), 3a	NF	Misc.	40	Assumed	Good	
N/A	Covebase Molding & Adhesive (4-inch Purple)	11, 22, 22a	NF	Misc.	460	Assumed	Good	
N/A	Stage Fire Curtain (Red)	Stage	NF	Misc.	1000	Assumed	Good	
N/A	Stage Fire Curtain (Tan)	Stage	NF	Misc.	1,000	Assumed	Good	
N/A	Duct Seam Caulking (Gray)	Attic	NF	Misc.	300	Assumed	Good	
N/A	Attic Insulation (Gray)	Attic	F	Misc.	40,000	Assumed	Good	
N/A	Window Glaze	B3	NF	Misc.	10	Assumed	Good	
N/A	Window Caulking	All Windows	NF	Misc.	800	Assumed	Good	
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled								

**TABLE 1
SUMMARY OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Old Woodruff Building	PROJECT NO: 6120JW137					
HOMOGENOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/N/F	MATERIAL TYPE	Quantity (S.F.)	ACM	Condition	Comments
W-1, W-2, W-3, W-4	Sink Undercoating (Stainless Steel)	9, 14, 15	NF	Misc.	16	3% Chrysotile	Good	
W-5, W-6, W-7	Acoustical Ceiling Tile & Adhesive (12-inch Poc Marked)	14, 22, 22a	F	Misc.	3200	No	Good	
W-8, W-9, W-10	Suspended Acoustical Ceiling Tiles (2'x4' and 2'x2' - cutdown)	4, 4a, 15, RR2, RR7	F	Misc.	1,250	No	Good	2'x2' tiles are cut 2'x4' tiles
W-11, W-12, W-13	Acoustical Ceiling Tile & Adhesive (12-inch Mild Texture)	9, West Corridor	F	Misc.	1,300	No	Good	
W-14, W-15, W-16	Acoustical Ceiling Tile & Adhesive (12-inch Medium/Large Hole - Uniform Pinhole Pattern)	4, 4a, 9, 10, 11, 17	F	Misc.	2,500	No	Good	
W-17, W-18, W-19	Acoustical Ceiling Tile & Adhesive (12-inch Medium Hole - Uniform Pattern)	7	F	Misc.	400	No	Good	
W-20, W-21, W-22	Acoustical Ceiling Tile & Adhesive (12-inch Rough Texture)	2, 18, 19, 20, 21	F	Misc.	4,000	No	Good	
W-23, W-24, W-25	Pipe Insulation and Pipe Fittings	Crawlspace	F	TSI	650 lf	90% Chrysotile	Damaged	Some TSI is old aircell type insulation other areas have newer fiberglass insulation that is non- asbestos, damaged areas are on the old aircell insulation

APPENDIX B





LOGAN HIGH SCHOOL -
TECHNOLOGY BUILDING

LOWER FLOOR

UPPER FLOOR

LEGEND:

- BLACK VINYL VIBRATION DAMPENER, ~50 SQ FT, FS: 108
- HVAC SEALANT (AKA GRAY DUCT CAULK), ~300 SQ FT, FS: 111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213
- 9"X9" TAN/BROWN FLOOR TILES AND ADHESIVE, ~7,000 SQ FT, FS: 101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, CORRIDORS 1, 2
- FLOOR CARPET ADHESIVE, ~5,500 SQ FT, FS: 102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213
- PURPLE FLOOR CARPET ADHESIVE, ~500 SQ FT, FS: 106
- 4" PURPLE BASE BOARD MOLDING, ADHESIVE, ~250 SQ FT, FS: 106, 204
- 4" DARK BROWN BASE BOARD MOLDING, ADHESIVE, ~500 SQ FT, FS: 110, 110A
- INTERIOR KILN BRICK, ~100 SQ FT, FS: 201B
- INCANDESCENT LIGHT REFLECTIVE PAD, ~1200 SQ FT, FS: 100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211
- THERMAL SYSTEMS INSULATION (MUD FITTINGS), ~500 LF, FS: 100, 101, 101B, 102, 102A, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, SOUTHSIDE STAIRS, CORRIDORS, YEAR BOOK ROOM, GARAGE, STAIRWAY TO BASEMENT, TUNNELS
- THERMAL SYSTEMS INSULATION (MAG BLOCK FITTINGS), ~500 LF, FS: 100, 101, 101B, 102, 102A, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, SOUTHSIDE STAIRS, CORRIDORS, YEAR BOOK ROOM, GARAGE, STAIRWAY TO BASEMENT, TUNNELS
- SPRAYED-ON SINK COATING, 4 SQ FT, FS: E 201



APPROXIMATELY 1 inch = 25 feet

LOGAN HIGH SCHOOL - TECHNOLOGY BLDG.
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM
Western Technologies, Inc.
Job No. 6120JW137
Figure: 2

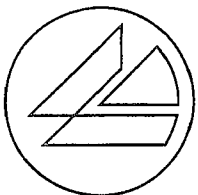
**TABLE 2
SUMMARY OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137					
HOMOGENOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Vibration Dampner (Black Vinyl)	108	NF	Misc.	50	Assumed	Good	
N/A	HVAC Sealant (aka Gray Duct Caulk)	111, 111D, 108, 201, 201B, 202, 203, 204, 206, 211, 211B, 213	NF	Misc.	300	Assumed	Good	
N/A	Duct Sealant (White)	-	-	-	-	-	-	No Longer Present
N/A	Vinyl Floor Tiles and Adhesive (9-inch Tan/brown)	101, 102, 104, 106, 110A, 111C, 201, 202, 203, 204, 205, Corridors 1, 2	NF	Misc.	7,000	Assumed	Good	
N/A	Floor Carpet Adhesive	102, 110, 111, 111A, 111D, 202, 204, 206, 211, 213	NF	Misc.	5,500	Assumed	Good	
N/A	Floor Carpet Adhesive (Purple)	106	NF	Misc.	500	Assumed	Good	
N/A	Covebase Molding & Adhesive (4" Purple)	106, 204	NF	Misc.	250	Assumed	Good	
N/A	Covebase Molding & Adhesive (4" Dark Brown)	110, 110A	NF	Misc.	500	Assumed	Good	
N/A	Cement Asbestos Cabinet Lining	-	-	-	-	-	-	No Longer Present
N/A	Interior Kiln Brick	201B	NF	Misc.	100	Assumed	Good	
N/A	Incandescent Light Reflective Pad	100, 101, 102, 104, 106, 111, 201, 202, 203, 204, 206, 211	NF	Misc.	1,200	Assumed	Good	

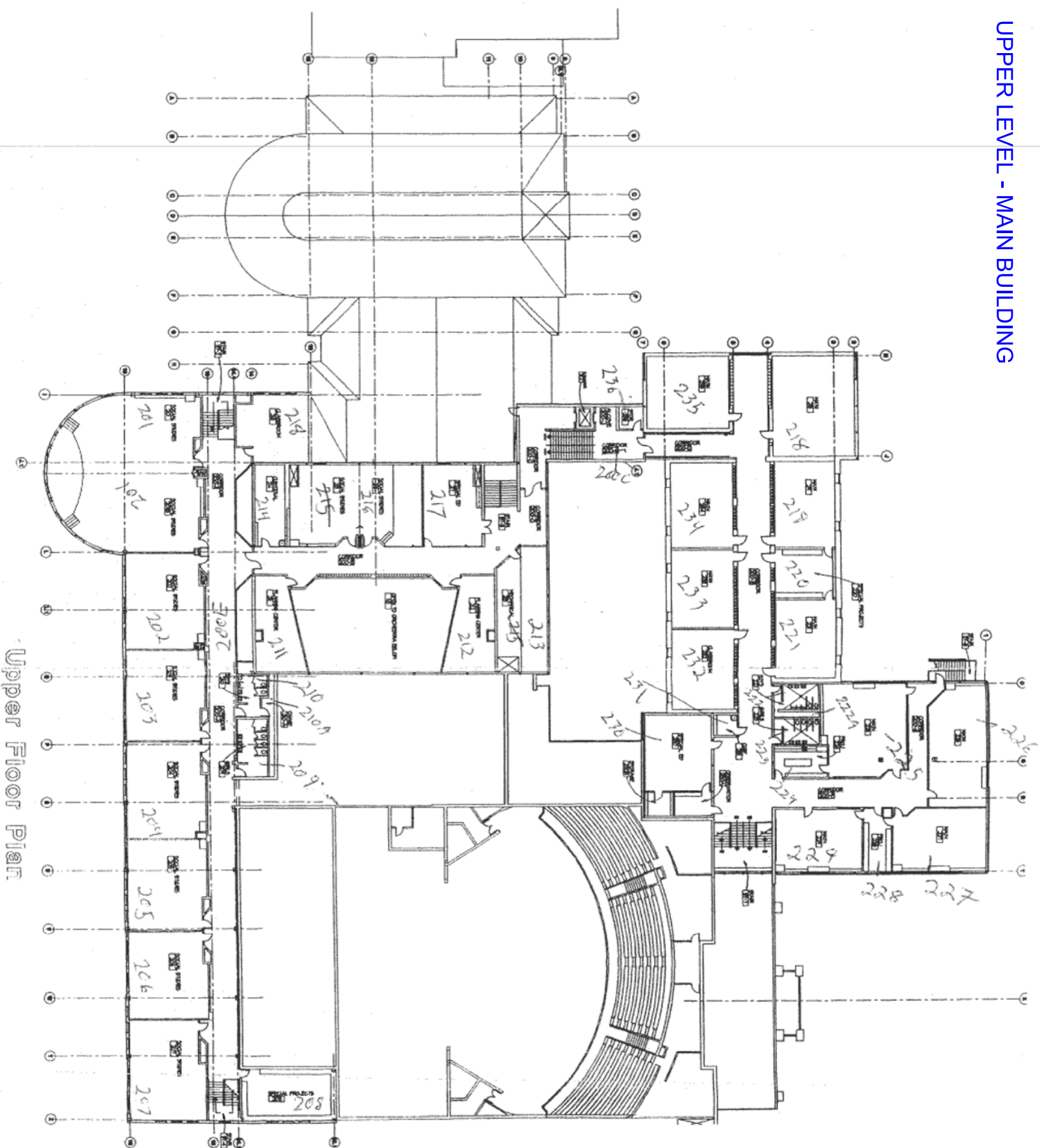
**TABLE 2
SUMMARY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Technology Building	PROJECT NO: 6120JW137					
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
			F/NF					
T-1, T-2, T-3	Acoustical Ceiling Tiles (2'X4' - Medium Fissure Pattern)	101, 102, 102A, 110, 110A, 106, Corridor 1	F	Misc.	4,000	No	Good	
T-4, T-5, T-6	Acoustical Ceiling Tiles (12 inch - Medium Fissure Pattern)	201, 201A, 201B, 202, 203, 204, 206, 210, 211, 212, Corridor 2	F	Misc.	6,250	No	Good	
T-7, T-8, T-9	Thermal Systems Insulation (mud fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)	Good	Some mud fittings visible
T-10, T-11, T-12	Duct Seam Tape	Rooms 101A, 101B	F	TSI	200	No	Good	
T-13, T-14, T-15	Thermal Systems Insulation (mag block fittings)	100, 101, 101b, 102, 102a, 106, 108, 111, 111A, 111B, 110C, 111D, 111E, 111F, southside stairs, northside stairs, corridors, year book room, garage, stairway to basement, tunnels	F	TSI	500 lf	Yes (5% Chrysotile)	Good	Some mud fittings visible
T-16, T-17, T-18	Structural Fireproofing	111, 111A, 111B, 111E, 111F, yearbook room, garage	F	Surfacing	5,000	No	Good	
T-19, T-20, T-21	Sink Coating	E 201	F	Surfacing	4	Yes (5% Chrysotile)	Good	Pink sprayed-on material only, 1 sink

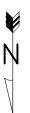
APPENDIX C



UPPER LEVEL - MAIN BUILDING



Upper Floor Plan



APPROXIMATELY 1 inch = 50 feet

LEGEND:

- ORIGINAL CONSTRUCTION:**
- PIPE ELBOW/FITTING INSULATION, 200 LF. TUNNELS
 - TANK INSULATION (END CAPS), 115 SQ FT. BOILER RM 028
 - TANK INSULATION, 80 SQ FT. 140
 - BOILER EXHAUST FLUE INSULATION, 50 LF. BOILER RM 028
 - BOILER DOOR GASKETS, -50 SQ FT. BOILER RM 028
 - PIPE ELBOW/FITTING INSULATION, 500 LF. 15, 17A, 20, 21, 22, 22A, 28, 29, 30, 120, 121, 125A, 129, 130A, 139, 140, 141, 142, 144, UPPER LEVEL FAN ROOMS, 144C, 222A (ADDITIONAL FITTINGS MAY BE FOUND ABOVE THE ORIGINAL PLASTER CEILINGS WITHIN THE CLASSROOMS & CORRIDORS)
 - VALVE PACKINGS & GASKETS, -200 SQ FT. BOILER RM 028
 - INTERIOR DUCT INSULATION & ADHESIVE, -1,000 SQ FT. 140, 144, AUDITORIUM FAN ROOMS (MAY BE FOUND IN OTHER PORTIONS OF THE SUPPLY DUCT)
 - SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -30,000 SQ FT. LOWER LEVEL: 17-19, 21, 24, CORRIDORS J, K, L, MAIN LEVEL: 122, 123-153, 150A, 150B, 158, 160, 162, 144, 144B, 144B, UPPER LEVEL: 218, 224, 225, 227, 228, 229, 230, 231, 235
 - CHEMISTRY FUME HOOD EXHAUST COVER DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -150 SQ FT. 141, 232
 - WALL CARPET ADHESIVE, -1,000 SQ FT. 122, 144
 - WOOD WALL PANELING ADHESIVE, -1,000 SQ FT. 120A, 120B
 - VINYL WALL COVERING, -1,800 SQ FT. 144
 - 979* TAN FLOOR TILES & ADHESIVE, -7,000 SQ FT. LOWER LEVEL: 16, CORRIDORS J, K, L, MAIN LEVEL: 139, 144, 144A, CORRIDORS 100H, 100 R, UPPER LEVEL: CORRIDOR 200
 - 979* GREEN/GRAY FLOOR TILES & ADHESIVE, -13,000 SQ FT. LOWER LEVEL: 13, 21, 22, 24, 27, MAIN LEVEL: 122, 123, 124, 125A, 127, 128, 129, 130A, 134B, 133, 133A, 135, 136, 137, UPPER LEVEL: 218, 224, 225, 227, 228, 229, 230, 231, 235
 - 979* BROWN FLOOR TILES & ADHESIVE, -800 SQ FT. LOWER LEVEL: 16, MAIN LEVEL: 139
 - 127X12" BROWN FLOOR TILES & ADHESIVE, -250 SQ FT. LOWER LEVEL: 22
 - WHITE/BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), -240 SQ FT. MAIN LEVEL: 120A, 120B
 - FLOOR CARPET ADHESIVE, -8,200 SQ FT. LOWER LEVEL: 21, 22A
 - TAN BASE BOARD MOLDING & ADHESIVE, -40 SQ FT. 229
 - DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT. 139
 - PINK UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 128, 131
 - BLACK UNDERCOATED STAINLESS STEEL SINK BASIN, -25 SQ FT. 13, 15, 20, 22A
 - PIPERL E UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 224, 229
 - TRANSITE COUNTER TOPS, -80 SQ FT. 13, 15, 24, 25, 25A, 26, 27, 141
 - INTERIOR FUME HOOD LINING (TRANSITE), -30 SQ FT. 25
 - GOLD STAGE FIRE CURTAIN, -300 SQ FT. 144 AUDITORIUM STAGE
 - RED STAGE FIRE CURTAIN, -300 SQ FT. 144 AUDITORIUM STAGE
 - ADDITION #1:**
 - WALL/CEILING PLASTER, -3,800 SQ FT. LOWER LEVEL: G, 10B, 12A, 12C, STAIRWELL, ST5, MAIN LEVEL: 151, 152, STAIRWELLS ST2A5, CORRIDOR 100C, UPPER LEVEL: ST2, ST5
 - PIPE ELBOW/FITTING INSULATION, -45 LF. 10B, 10C, 12, 153, 236, 238
 - INTERIOR DUCT INSULATION & ADHESIVE, -100 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORKS)
 - DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,100 SQ FT. LOWER LEVEL: 10B, 10C, 12A, 12B, 12C, 12F, MAIN LEVEL: 150, 151, 152, STAIRWELLS ST2 & 5, END CORRIDOR 100C
 - 979* TAN FLOOR TILES & ADHESIVE, -6,300 SQ FT. LOWER LEVEL: 9, 10, 10B, MAIN LEVEL: 153A, 153B, CORRIDOR 100C
 - 127X12" TAN/WHITE/BROWN FLOOR TILES & ADHESIVE, -175 SQ FT. MAIN LEVEL: STAIRWELL ST2
 - BROWN BASE BOARD MOLDING & ADHESIVE, -425 SQ FT. 10, 10B, CORRIDOR 100C
 - HVAC DUCT WORK CALCULATING, -50 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORKS)
 - WALL/CEILING PLASTER, -1,000 SQ FT. 145, 145A, 145I, 146, 146DK, 147, 148, 100 COAT, 100D LOBBY, STAIRWELL ST3, CORRIDORS 100 G, H, N
 - PIPE ELBOW/FITTING INSULATION, -4 LF. 145C
 - SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -9,000 SQ FT. 145A-145I, 146, 146A-146K, 147, 148, 154, STAIRWELL ST3, 100D COAT, CORRIDORS 100G, H, N
 - 979* TAN FLOOR TILES & ADHESIVE, -3,000 SQ FT. 145A-4I, 146, 146A-K, CORRIDOR 100G
 - 979* WHITE FLOOR TILES & ADHESIVE, -2,200 SQ FT. 145, 145A, CORRIDOR 100G
 - 127X12" WHITE/BLACK FLOOR TILE & ADHESIVE, -1,700 SQ FT. CORRIDOR 100M
 - 127X12" WHITE/TAN/BROWN FLOOR TILE & ADHESIVE, -4,200 SQ FT. 100D COAT, CORRIDOR 100G
 - FLOOR CARPET ADHESIVE, -2,700 SQ FT. 145A, 146, 146I, 146K, 100D LOBBY
 - DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT. 146A, 146B
 - RENOVATION CONSTRUCTION:**
 - DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,600 SQ FT. 123, 124, 153, 236
 - 127X12" WHITE FLOOR TILES & ADHESIVE, -3,200 SQ FT. 12A, 153, 236
 - FLOOR CARPET ADHESIVE, -4,000 SQ FT. 14, 15, 20, 20A, 26, 130A, 130B, 130C
 - GRAY SPECKLED SHEET VINYL FLOOR COVERING (LINOLEUM), -1,100 SQ FT. 25, 25A
 - BASE BOARD MOLDING & ADHESIVE, -250 SQ FT. 12A, 130A, 130B, 153, 236
 - WHITE/GRAY UNDERCOATED STAINLESS STEEL SINK BASIN, 20 SQ FT. 14
 - MARON BASE BOARD MOLDING & ADHESIVE, -150 SQ FT. N12, N1, N1A, N2, N3, N4, N5, N6, N7, N8, N9, N2, 304, S2, CORRIDOR, MAIN LEVEL OFFICES
 - FLOOR CARPET ADHESIVE, -1,500 SQ FT. N12, N31, N1A, N2, N3, N4, N5, N6, N7, N8, N9, N2, 304, S2, CORRIDOR, MAIN LEVEL OFFICES
 - 127X12" CREAM/GRAY SPECKLED FLOOR TILE & ADHESIVE, -500 SQ FT. CAJETERIA, KITCHEN

LHS - UPPER LEVEL - MAIN BUILDING

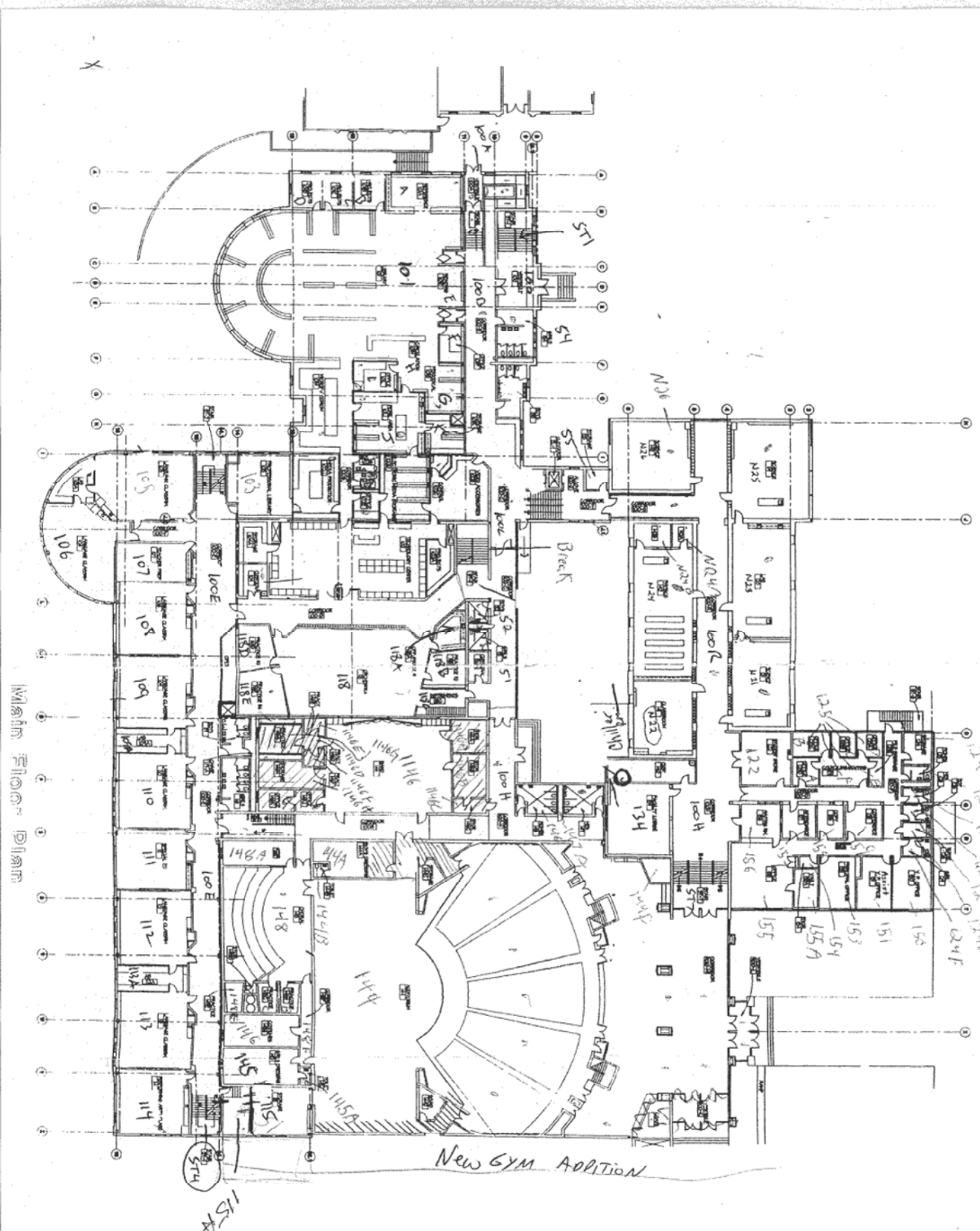
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM

Western Technologies, Inc.

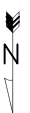
Job No. 6120JW137

Figure: 3

MAIN LEVEL - MAIN BUILDING



Main Floor Plan



APPROXIMATELY 1 inch = 50 feet

LEGEND:

- ORIGINAL CONSTRUCTION:**
 PRE ELBOW FITTING INSULATION, 200 LF. TUNNELS
 TANK INSULATION (END CAPS), 115 SQ FT. BOILER RM 028
 TANK INSULATION, 80 SQ FT. 140
 BOILER EXHAUST TILE INSULATION, 50 LF. BOILER RM 028
 BOILER DOOR GASKETS - 50 SQ FT. BOILER RM 028
 PRE ELBOW FITTING INSULATION, 500 LF. 15, 17A, 20, 21, 22, 22A, 28, 29, 30, 120, 121, 125A, 129, 130A, 139, 140, 141, 142, 144, UPPER LEVEL FAN CORRIDORS
 VALVE PACKINGS & GASKETS, -200 SQ FT. BOILER RM 028
 INTERIOR DUCT INSULATION & ADHESIVE, -1,000 SQ FT. 140, 144, AUDITORIUM/FAN ROOMS (MAY BE FOUND IN OTHER PORTIONS OF THE SUPPLY DUCT)
 SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -30,000 SQ FT. LOWER LEVEL: 17-19, 23, 24, CORRIDORS J, K, L; MAIN LEVEL: 122, 125-131, 130A, 130B, 138, 140, 142, 144, 144A, 144B; UPPER LEVEL: 218, 222-231, 235, CORRIDORS 200D, 100H, 100R
 CHEMISTRY FUME HOOD EXHAUST COVER DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -150 SQ FT. 141, 232
 WALL CARPET ADHESIVE, -1,000 SQ FT. 122, 144
 WOOD WALL PANELING ADHESIVE, -1,000 SQ FT. 120A, 120B
 VINYL WALL COVERING, -1,800 SQ FT. 144
 9"x9" TAN FLOOR TILES & ADHESIVE, -7,000 SQ FT. LOWER LEVEL: 16, CORRIDORS J, K, L; MAIN LEVEL: 139, 144, 144A, CORRIDORS 100H, 100R; UPPER LEVEL, CORRIDOR 200
 9"x9" GREEN GRAY FLOOR TILES & ADHESIVE, -13,000 SQ FT. LOWER LEVEL: 13, 21, 22, 24, 27; MAIN LEVEL: 122, 123, 124, 125A, 127, 128, 129, 130A, 134B, 132, 133, 135A, 135, 136, 137; UPPER LEVEL: 218, 224, 225, 227, 228, 229, 230, 231, 235
 9"x9" BROWN FLOOR TILES & ADHESIVE, -800 SQ FT. LOWER LEVEL: 16; MAIN LEVEL: 139
 12"x12" BROWN FLOOR TILES & ADHESIVE, -250 SQ FT. LOWER LEVEL: 27
 WHITE BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), -200 SQ FT. MAIN LEVEL: 120A, 120B
 FLOOR CARPET ADHESIVE, -8,200 SQ FT. LOWER LEVEL: 21, 22A
 TAN BASE BOARD MOLDING & ADHESIVE, -40 SQ FT. 229
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -50 SQ FT. 139
 PINK UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 128, 131
 BLACK UNDERCOATED STAINLESS STEEL SINK BASIN, -25 SQ FT. 13, 15, 20, 22A
 PURPLE UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 224, 229
 TRANSLITE COUNTER TOPS, -80 SQ FT. 13, 15, 24, 25, 25A, 26, 27, 141
 INTERIOR FLAME HOOD LINING (TRANSLITE), -30 SQ FT. 25
 GOLD STAGE FIRE CURTAIN, -200 SQ FT. 144 AUDITORIUM STAGE
 RED STAGE FIRE CURTAIN, -300 SQ FT. 144 AUDITORIUM STAGE
ADDITION #1:
 WALL/CEILING PLASTER, -3,800 SQ FT. LOWER LEVEL: G, 10B, 12A, 12G, STAIRWELL, ST5; MAIN LEVEL: 151, 152, STAIRWELLS ST3&5, CORRIDOR 100C; UPPER LEVEL: ST2, ST5
 PIPE ELBOW FITTING INSULATION, -45 LF. 10B, 10C, 12, 153, 236, 238
 INTERIOR DUCT INSULATION & ADHESIVE, -100 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORK)
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,100 SQ FT. LOWER LEVEL: 10B, 10C, 12A, 12B, 12G, 12F; MAIN LEVEL: 150, 151, 152; STAIRWELLS ST2 & 5; END CORRIDOR 100C
 9"x9" TAN FLOOR TILES & ADHESIVE, -6,300 SQ FT. LOWER LEVEL: 9, 10, 10B; MAIN LEVEL: 153A, 153B, CORRIDOR 100C
 12"x12" TAN/WHITE BROWN FLOOR TILES & ADHESIVE, -175 SQ FT. MAIN LEVEL: STAIRWELL ST2
 BROWN BASE BOARD MOLDING & ADHESIVE, -425 SQ FT. 10, 10B, CORRIDOR 100C
 HVAC DUCT WORK CALCULATING, -50 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORK)
ADDITION #2:
 WALL/CEILING PLASTER, -10,000 SQ FT. 145, 145A, 145L, 146, 146DC, 147, 148, 1000 COAT, 1000 LOBBY, STAIRWELL ST3, CORRIDORS 100 G, H, N
 PIPE ELBOW FITTING INSULATION, -4 LF. 143C
 SHEETROCK CEILINGS (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -9,000 SQ FT. 145A, 145L, 146, 146A-146K, 147, 148, 154, STAIRWELL ST3, 1000 COAT, CORRIDORS 100G, H, N
 9"x9" TAN FLOOR TILES & ADHESIVE, -3,000 SQ FT. 145A-146, 146A-K, CORRIDOR 100G
 9"x9" WHITE FLOOR TILES & ADHESIVE, -2,200 SQ FT. 145, 145A, CORRIDOR 100G
 12"x12" WHITE/BLACK FLOOR TILE & ADHESIVE, -1,700 SQ FT. CORRIDOR 100M
 12"x12" WHITE/TAN/BROWN FLOOR TILE & ADHESIVE, -4,200 SQ FT. 100 COAT CORRIDOR 100G
 FLOOR CARPET ADHESIVE, -2,700 SQ FT. 145A, 146, 146K, 1000 LOBBY
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -50 SQ FT. 146A, 146B
RENOVATION CONSTRUCTION:
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,600 SQ FT. 123, 124, 153, 236
 12"x12" WHITE FLOOR TILES & ADHESIVE, -3,200 SQ FT. 12A, 153, 236
 FLOOR CARPET ADHESIVE, -4,000 SQ FT. 14, 15, 20, 20A, 26, 130A, 130B, 130C
 GRAY SPECKLED SHEET VINYL FLOOR COVERING (LINOLEUM), -1,100 SQ FT. 25, 25A
 BASE BOARD MOLDING & ADHESIVE, -290 SQ FT. 12A, 130A, 130B, 153, 236
 WHITE GRAY UNDERCOATED STAINLESS STEEL SINK BASIN, 20 SQ FT. 14
MARQUON BASE BOARD MOLDING & ADHESIVE, -150 SQ FT. N12, N31, N31A, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, CORRIDOR, MAIN LEVEL OFFICES
FLOOR CARPET ADHESIVE, -1,500 SQ FT. N12, N31, N31A, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, CORRIDOR, MAIN LEVEL OFFICES
 12"x12" CREAM GRAY SPECKLED FLOOR TILE & ADHESIVE, -500 SQ FT. CATERBERIA, KITCHENS

LHS - MAIN LEVEL - MAIN BUILDING

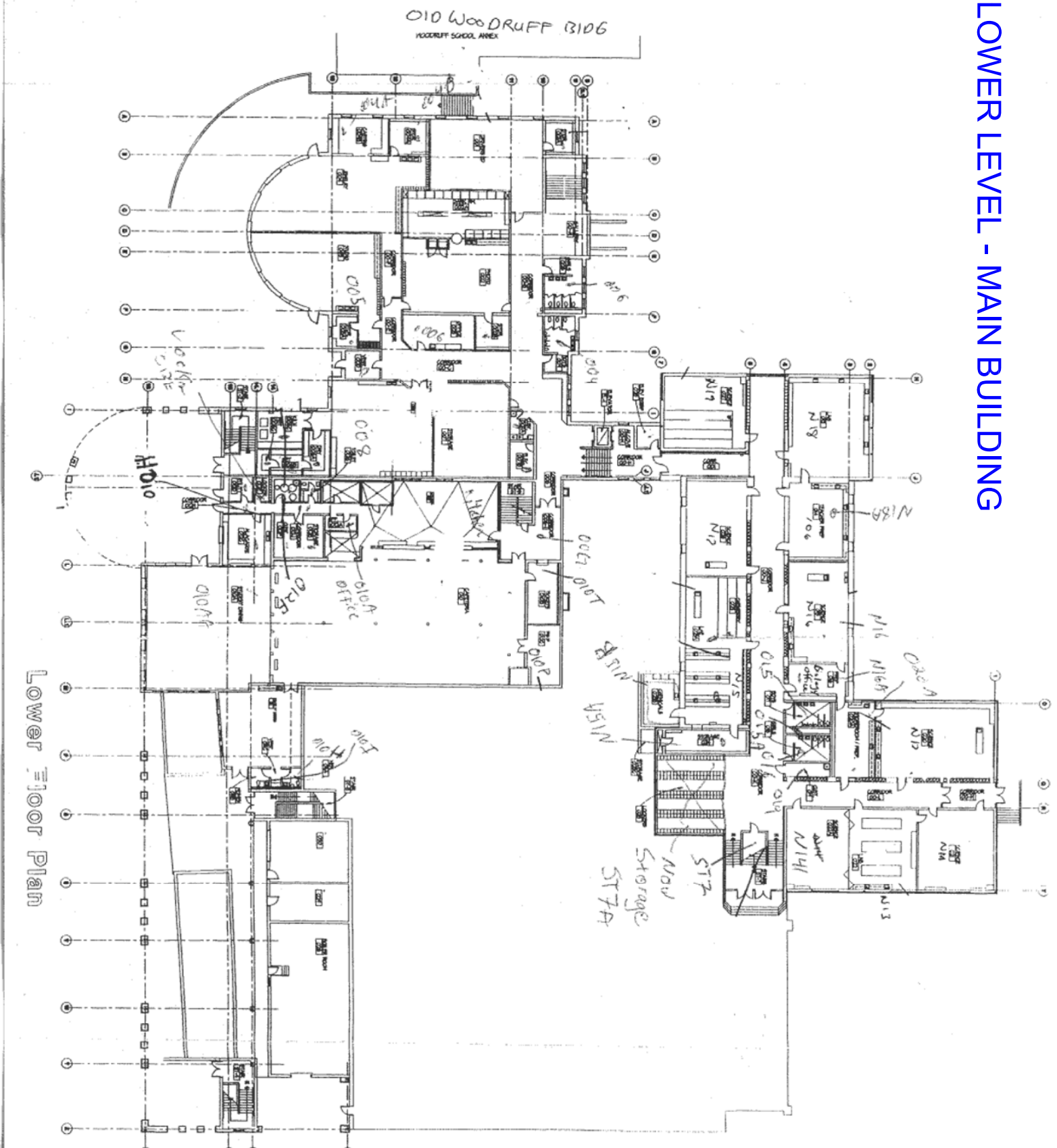
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM

Western Technologies, Inc.

Job No. 6120JW137

Figure: 4

LOWER LEVEL - MAIN BUILDING



Lower Floor Plan

APPROXIMATELY 1 inch = 50 feet

LEGEND:

- ORIGINAL CONSTRUCTION:**
 PIPE ELBOW/FITTING INSULATION, 200 LF. TUNNELS
 TANK INSULATION (END CAPS), 115 SQ FT. BOILER RM 028
 TANK INSULATION, 80 SQ FT. 140
 BOILER EXHAUST FLEX INSULATION, 50 LF. BOILER RM 028
 BOILER DOOR GASKETS, -50 SQ FT. BOILER RM 028
 PIPE ELBOW/FITTING INSULATION, 300 LF.
 15, 17A, 20, 21, 22, 22A, 28, 29, 30, 120, 121, 123A, 129, 130A, 139, 140, 141, 142, 144, UPPER LEVEL FAN
 COAT, CORRIDORS 100G, H, N
 VALVE PACKINGS & GASKETS, -230 SQ FT. BOILER RM 028
 INTERIOR DUCT INSULATION & ADHESIVE, -1,000 SQ FT. 140, 144, AUDITORIUM FAN ROOMS (MAY BE FOUND IN OTHER PORTIONS OF THE
 SUPPLY DUCT)
 SHEETROCK CEILING (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -30,000 SQ FT. LOWER LEVEL, 17-19, 23, 24, CORRIDORS J, K, L; MAIN
 LEVEL, 123, 124-133, 130A, 130B, 138, 140, 142, 144, 144A, 144B; UPPER LEVEL, 218, 222-231, 235, CORRIDORS 200D, 100H, 100R
 CHEMISTRY FUME HOOD EXHAUST COVER DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -180 SQ FT. 141, 232
 WALL CARPET ADHESIVE, -1,000 SQ FT. 122, 144
 WOOD WALL PANELING ADHESIVE, -1,000 SQ FT. 120A, 120B
 VINYL WALL COVERING, -1,800 SQ FT. 144
 9"X9" TAN FLOOR TILES & ADHESIVE, -7,000 SQ FT. LOWER LEVEL, 16, CORRIDORS J, K, L; MAIN LEVEL, 129, 144, 144A, CORRIDORS 100H, 100R,
 UPPER LEVEL, CORRIDOR 200
 9"X9" GREENGRAY FLOOR TILES & ADHESIVE, -13,000 SQ FT. LOWER LEVEL, 13, 21, 22, 24, 27, MAIN LEVEL, 123, 124, 125A, 127, 128, 129, 130A,
 148, 152, 153, 153A, 155, 156, 157, UPPER LEVEL, 218, 224, 225, 227, 228, 229, 230, 231, 235
 9"X9" BROWN FLOOR TILES & ADHESIVE, -800 SQ FT. LOWER LEVEL, 16; MAIN LEVEL, 139
 12"X12" BROWN FLOOR TILES & ADHESIVE, -250 SQ FT. LOWER LEVEL, 22
 WHITE/BROWN SHEET VINYL FLOOR COVERING (LINOLEUM), -200 SQ FT. MAIN LEVEL, 130A, 130B
 FLOOR CARPET ADHESIVE, -8,200 SQ FT. LOWER LEVEL, 21, 22A
 TAN BASE BOARD MOLDING & ADHESIVE, -40 SQ FT. 229
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT. 139
 PINK UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 128, 131
 BLACK UNDERCOATED STAINLESS STEEL SINK BASIN, -25 SQ FT. 13, 15, 20, 22A
 PURPLE UNDERCOATED STAINLESS STEEL SINK BASIN, -10 SQ FT. 224, 229
 TRANSITE COUNTER TOPS, -80 SQ FT. 13, 15, 24, 25, 25A, 26, 27, 141
 INTERIOR FUME HOOD LINING (TRANSITE), -30 SQ FT. 25
 GOLD STAGE FIRE CURTAIN, -300 SQ FT. 144 AUDITORIUM STAGE
 RED STAGE FIRE CURTAIN, -300 SQ FT. 144 AUDITORIUM STAGE
ADDITION #1:
 WALL/FITTING PLASTER, -3,800 SQ FT. LOWER LEVEL, G, 10B, 12A, 12G, STAIRWELL, S75; MAIN LEVEL, 151, 152, STAIRWELLS S72A5,
 CORRIDOR 100C, UPPER LEVEL, S72, S75
ADDITION #2:
 PIPE ELBOW/FITTING INSULATION, -45 LF. 10B, 10C, 12, 153, 236, 238
 INTERIOR DUCT INSULATION & ADHESIVE, -100 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT
 WORK)
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,100 SQ FT. LOWER LEVEL, 10C, 12A, 12B, 12G, 12F; MAIN LEVEL, 150, 151,
 152, STAIRWELLS S72 & 5; END CORRIDOR 100C
 9"X9" TAN FLOOR TILES & ADHESIVE, -6,300 SQ FT. LOWER LEVEL, 9, 10, 10B; MAIN LEVEL, 153A, 153B, CORRIDOR 100C
 12"X12" TAN/WHITE/BROWN FLOOR TILES & ADHESIVE, -175 SQ FT. MAIN LEVEL, STAIRWELL S72
 BROWN BASE BOARD MOLDING & ADHESIVE, -425 SQ FT. 10, 10B, CORRIDOR 100C
 HVAC DUCT WORK CAULKING, -50 SQ FT. 238 FAN ROOM (MAY ALSO BE PRESENT IN OTHER PORTIONS OF THE SUPPLY DUCT WORK)
 WALL CEILING PLASTER, -10,000 SQ FT. 145, 145A, 1451, 146, 146D-K, 147, 148, 1000 COAT, 1000 LOBBY, STAIRWELL S73, CORRIDORS 100 G, H,
 N
 PIPE ELBOW/FITTING INSULATION, -41 LF. 145C
 SHEETROCK CEILING (DRYWALL, TAPE, JOINT COMPOUND SYSTEM), -9,000 SQ FT. 145A-145I, 146, 146A-146K, 147, 148, 154, STAIRWELL S73, 1000
 COAT, CORRIDORS 100G, H, N
 9"X9" TAN FLOOR TILES & ADHESIVE, -2,000 SQ FT. 145A-H, 146, 146A-K, CORRIDOR 100G
 9"X9" WHITE FLOOR TILES & ADHESIVE, -2,200 SQ FT. 145, 145A, CORRIDOR 100G
 12"X12" WHITE/BLACK FLOOR TILE & ADHESIVE, -1,700 SQ FT. CORRIDOR 100M
 12"X12" WHITE/TAN/BROWN FLOOR TILE & ADHESIVE, -4,200 SQ FT. 1000 COAT CORRIDOR 100G
 FLOOR CARPET ADHESIVE, -2,700 SQ FT. 145A, 146, 146I, 146K, 1000 LOBBY
 DARK BROWN BASE BOARD MOLDING & ADHESIVE, -80 SQ FT. 146A, 146B
RENOVATION CONSTRUCTION:
 DRYWALL SYSTEM (SHEETROCK, TAPE, JOINT COMPOUND), -3,600 SQ FT. 123, 124, 153, 236
 12"X12" WHITE FLOOR TILES & ADHESIVE, -3,200 SQ FT. 12A, 153, 236
 FLOOR CARPET ADHESIVE, -4,000 SQ FT. 14, 15, 20, 20A, 26, 130A, 130B, 130C
 GRAY SPECKLED SHEET VINYL FLOOR COVERING (LINOLEUM), -1,100 SQ FT. 25, 25A
 BASE BOARD MOLDING & ADHESIVE, -250 SQ FT. 12A, 130A, 130B, 153, 236
 WHITE/GRAY UNDERCOATED STAINLESS STEEL SINK BASIN, 20 SQ FT. 14
 MAROON BASE BOARD MOLDING & ADHESIVE, -150 SQ FT. N1, N1A, N2, N3, N3A, N3B, N3C, N3D, N3E, N3F, N3G, N3H, N40, N42, 304, S42, CORRIDOR, MAIN LEVEL
 LEVEL OFFICES
 FLOOR CARPET ADHESIVE, -1,500 SQ FT. N12, N31, N31A, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, CORRIDOR, MAIN LEVEL
 OFFICES
 12"X12" CREAM/GRAY SPECKLED FLOOR TILE & ADHESIVE, -500 SQ FT. CAFFETERIA, KITCHEN
 CE

LHS - LOWER LEVEL - MAIN BUILDING

FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM

Western Technologies, Inc.

Job No. 6120JW137

Figure: 5

**TABLE 3
SUMMARY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
			F/NF					
NOTE: The following sample data is transferred from the reinspection report generated by the Environmental Health Services, Inc. 2001 with comments of revisions inserted by WT following the 2011 reinspection.								
Original Construction								
N/A	Pipe Elbow/Fitting Insulation	Tunnels	F	TSI	200 lf	Assumed	Good	
N/A	Tank Insulation (End Caps)	Boiler Rm 028	F	TSI	115	Assumed	Good	
N/A	Tank Insulation	140	F	TSI	80	Assumed	Good	
N/A	Boiler Exhaust Flue Insulation	Boiler Rm 028	F	TSI	50 lf	Assumed	Good	
N/A	Boiler Door Gaskets	Boiler Rm 028	NF	Misc.	50	Assumed	Good	
N/A	Pipe Elbow/Fitting Insulation	15, 17a, 20, 21, 22, 22a, 28, 29, 30, 120, 121, 125a, 129, 130a, 139, 140, 141, 142, 144, Upper Level Fan Rooms, 144c, 222a (additional fittings may be found above the original plaster ceilings within the classrooms & corridors)	F	TSI	500 lf	Assumed	Good	
N/A	Valve Packings & Gaskets	Boiler Rm 028	NF	Misc.	~200 sq ft	Assumed	Good	

**TABLE 3
SUMMARY OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Interior Duct Insulation & Adhesive	140, 144, Auditorium Fan Rooms (May be found in other portions of the supply duct)	NF	Misc.	200	Assumed	Good	
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	Lower Level: 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-133, 130a, 130b, 138, 140, 142, 144, 144a, 144b; Upper Level: 218, 222- 231, 235, Corridors 200D, 100H, 100R	NF	Misc.	30,000	Assumed	Good	
N/A	Chemistry Fume Hood Exhaust Cover Drywall system (sheetrock, tape, joint compound)	141, 232	NF	Misc.	150	2% Chrysotile	Good	
N/A	Wall Carpet Adhesive	122, 144	NF	Misc.	1,000	Assumed	Good	
N/A	Wood Wall Paneling Adhesive	120a, 120b	NF	Misc.	1,000	Assumed	Good	
N/A	Vinyl Wall Covering	144	NF	Misc.	1,800	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9-inch Tan)	Lower Level: 16, Corridors j, k, l; Main Level: 139, 144, 144a, Corridors 100H, 100 R; Upper Level: Corridor 200	NF	Misc.	7,000	Assumed	Good	

**TABLE 3
SUMMARY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	FRIABLE/ NON FRIABLE	PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 13, 21, 22, 24, 27; Main Level: 122, 123, 124, 125a, 127, 128, 129, 130a, 134b, 132, 133, 133a, 135, 136, 137; Upper Level: 218, 224, 225, 227, 228, 229, 230, 231, 235	NF	Misc.	13,000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9-inch Green/Gray)	Lower Level: 16; Main Level: 139	NF	Misc.	800	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (12-inch Brown)	Lower Level: 22	NF	Misc.	250	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (White/Brown)	Main Level: 120a, 120b	NF	Misc.	240	30% Chrysotile	Good	
N/A	Floor Carpet Adhesive	Lower Level: 21, 22a	NF	Misc.	8,200	Assumed	Good	
N/A	Covebase Molding & Adhesive (Tan)	229	NF	Misc.	40	Assumed	Good	
N/A	Covebase Molding & Adhesive (Dark Brown)	139	NF	Misc.	50	Assumed	Good	
N/A	Sink Basin Undercoat (Pink)	128, 131	NF	Misc.	10	Assumed	Good	
N/A	Sink Basin Undercoat (Black)	13, 15, 20, 22a	NF	Misc.	25	Assumed	Good	
N/A	Sink Basin Undercoat (Purple)	224, 229	NF	Misc.	10	16% Chrysotile	Good	
N/A	Cement Asbestos Counter Tops	13, 15, 24, 25, 25a, 26, 27, 141	NF	Misc.	80	25% Chrysotile	Good	
N/A	Interior Fume Hood Lining (Transite)	25	NF	Misc.	30	Assumed	Good	

**TABLE 3
SUMMARY OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	FRIABLE/ NON FRIABLE	PROJECT NO: 6120JW137				
HOMOGENOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	Stage Fire Curtain (Gold)	144 Auditorium Stage	NF	Misc.	300	Assumed	Good	
N/A	Stage Fire Curtain (Red)	144 Auditorium Stage	NF	Misc.	300	Assumed	Good	

Addition #1

N/A	Wall/Ceiling Plaster	Lower Level: G, 10b, 12a, 12g, Stairwell, ST5; Main Level: 151, 152, Stairwells ST2&5, Corridor 100C; Upper Level: ST2, ST5	NF	Misc.	3800	Assumed	Good	One sample collected in June 1990 was non- detect for asbestos
N/A	Pipe Elbow/Fitting Insulation	10b, 10c, 12, 153, 236, 238	F	TSI	45 lf	Assumed	Good	
N/A	Interior Duct Insulation & Adhesive	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	100	Assumed	Good	
N/A	Drywall System (Sheetrock, tape, joint compound)	Lower Level: 10b, 10c, 12a, 12b, 12g, 12f; Main Level: 150, 151, 152, Stairwells ST2 & 5, End Corridor 100c	NF	Misc.	3100	Assumed	Good	
N/A	9"x9" Tan Floor Tiles & Adhesive	Lower Level: 9, 10, 10b; Main Level: 153a, 153b, Corridor 100C	NF	Misc.	6300	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (12-inch Tan/White/Brown)	Main Level: Stairwell ST2	NF	Misc	175	Assumed	Good	
N/A	Covebase Molding & Adhesive (Brown)	10, 10b, Corridor 100c	NF	Misc.	425	Assumed	Good	

**TABLE 3
SUMMARY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	FRIABLE/ NON FRIABLE	PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
N/A	HVAC Duct Work Caulking	238 Fan Room (May also be present in other portions of the supply duct work)	NF	Misc.	50	Assumed	Good	
Addition #2								
N/A	Wall/Ceiling Plaster	145, 145a, 145i, 146, 146d-k, 147, 148, 100j Coat, 100j Lobby, Stairwell ST3, Corridors 100 g, h, n	NF	Misc.	10000	Assumed	Good	One sample collected in June 1990 was non- detect for asbestos
N/A	Pipe Elbow/Fitting Insulation	145c	F	TSI	~ 4 lf	Assumed	Good	
N/A	Sheetrock Ceilings (Drywall, tape, joint compound system)	145a-145i, 146, 146a- 146k, 147, 148, 154, Stairwell ST3, 100J Coat, Corridors 100g, h, n	NF	Misc.	9000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Tan)	145a-h, 146, 146a-k, Corridor 100g	NF	Misc.	3000	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (9"x9" Whit)	145, 145a, Corridor 100g	NF	Misc.	2200	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Black)	Corridor 100m	NF	Misc.	1700	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12"x12" White/Tan/Brown)	100J Coat, Corridor 100g	NF	Misc.	4200	Assumed	Good	
N/A	Floor Carpet Adhesive	145a, 146, 146j, 146k, 100j Lobby	NF	Misc.	2700	Assumed	Good	
N/A	Covebase Molding & Adhesive (Dark Brown)	146a, 146b	NF	Misc.	50	Assumed	Good	

**TABLE 3
SUMMARY OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building	PROJECT NO: 6120JW137					
HOMOGENOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
Renovation Construction								
N/A	Drywall System (sheetrock, tape, joint compound)	123, 124, 153, 236	NF	Misc.	3600	Assumed	Good	
N/A	Vinyl Floor Tiles & Adhesive (12"x12" White)	12a, 153, 236	NF	Misc.	3200	Assumed	Good	
N/A	Floor Carpet Adhesive	14, 15, 20, 20a, 26, 130a, 130b, 130c	NF	Misc.	4000	Assumed	Good	
N/A	Sheet Vinyl Floor Covering (Gray Speckled)	25, 25a	NF	Misc.	1100	Assumed	Good	
N/A	Covebase Molding & Adhesive	12a, 130a, 130b, 153, 236	NF	Misc.	250	Assumed	Good	
N/A	Sink Undercoated (White/Gray)	14	NF	Misc.	20	Assumed	Good	
N/A	Covebase Molding & Adhesive (Maroon)	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	150	Assumed	Good	
N/A	Floor Carpet Adhesive	N12, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, S42, Corridor, Main Level Offices	NF	Misc.	1500	Assumed	Good	
N/A	Vinyl Floor Tile & Adhesive (12"x12" Cream/Gray Speckled)	Cafeteria, Kitchen	NF	Misc.	500	Assumed	Good	
Additional Sampling and Testing by WT as part of 2011 Reinspection Activities for Selected Friable Materials Not Previously Sampled								

TABLE 3
SUMMARY OF HOMOGENEOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	F/NF	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
M-1, M-2, M-3	Acoustical Ceiling Tiles (Medium Fissure - 2'x2')	10, 12a, 14, 15, 26, 123, 124, 130a, 130b, 153, 236, N31, N31a, N32, N33, N34, N35, N36, N37, N38, N40, N42, 304, Corridor, Main Level Offices	NF	Misc.	13400	No	Good	
M-4, M-5, M-6	Acoustical Ceiling Tiles (Medium Fissure - 2'x4')	101E, 105, 106, 108, 109, 111, 113, 2a, 6, 141, 145	NF	Misc.	5000	No	Good	
M-7, M-8, M-9	Acoustical Ceiling Tiles (Medium Fissure - 12"x12")	104, 100g, 148, 148a-f, 10r, 1; Upper Level: Media Center Rooms 224-229	NF	Misc.	6,400	No	Good	
M-10, M-11, M-12	Acoustical Ceiling Tiles & Adhesive (Rough Texture/Small Pinhole - 12"x12")	Lower Level: Cafeteria & Kitchen, 10, 10b, 10c, 12, 12a-j, 17-19, 23, 24, Corridors j, k, l; Main Level: 122, 125-129, 131- 133, 135, 136, 138, 140, 142, 144, 144a, 144b, Corridors 100H, 100R, 150, 152, Stairwells ST2 & 5, Corridor 100C, Chemistry areas; Upper Level: 218, 222, 223, 230, 231, 235, Corridor 200D	NF	Misc.	1,100	No	Good	
M-13, M-14, M-15	Acoustical Ceiling Tiles (Wrinkle Pattern - 2'x4')	N19, N18, 20a, N14, N13	NF	Misc.	2,000	No	Good	

**TABLE 3
SUMMARY OF HOMOGENOUS MATERIALS BY FUNCTIONAL SPACE
LOGAN CITY SCHOOL DISTRICT**

PROJECT: Logan High School, 100 South 162 West, Logan, Utah		AREA: Main Building		PROJECT NO: 6120JW137				
HOMOGENEOUS MAT'L NUMBER	MATERIAL DESCRIPTION	FUNCTIONAL SPACE	FRIABLE/ NON FRIABLE	MATERIAL TYPE	Quantity SF	ACM	Condition	Comments
M-16, M-17, M-18	Acoustical Ceiling Tiles (Large Pinhole - 12"x12")	Lower Level: 14-16, 25, 25a, 26, Corridors j, k, l; Main Level: 141, 142, Corridors 100H, 100R, N16, N15, N16a	NF	Misc.	14,000	No	Good	
M-19, M-20, M-21	Thermal System Insulation (Mud Fittings)	140, 124g (chase)	F	TSI	~500 lf	3 to 5% Chrysotile	Good	
M-22, M-23, M-24	Thermal System Insulation (Boiler)	140	F	TSI	80	10% Amosite, 10% Chrysotile	Good	
M-25, M-26, M-27	Sink Undercoating	Ceramic Room	NF	Misc.	10	No	Good	

APPENDIX D

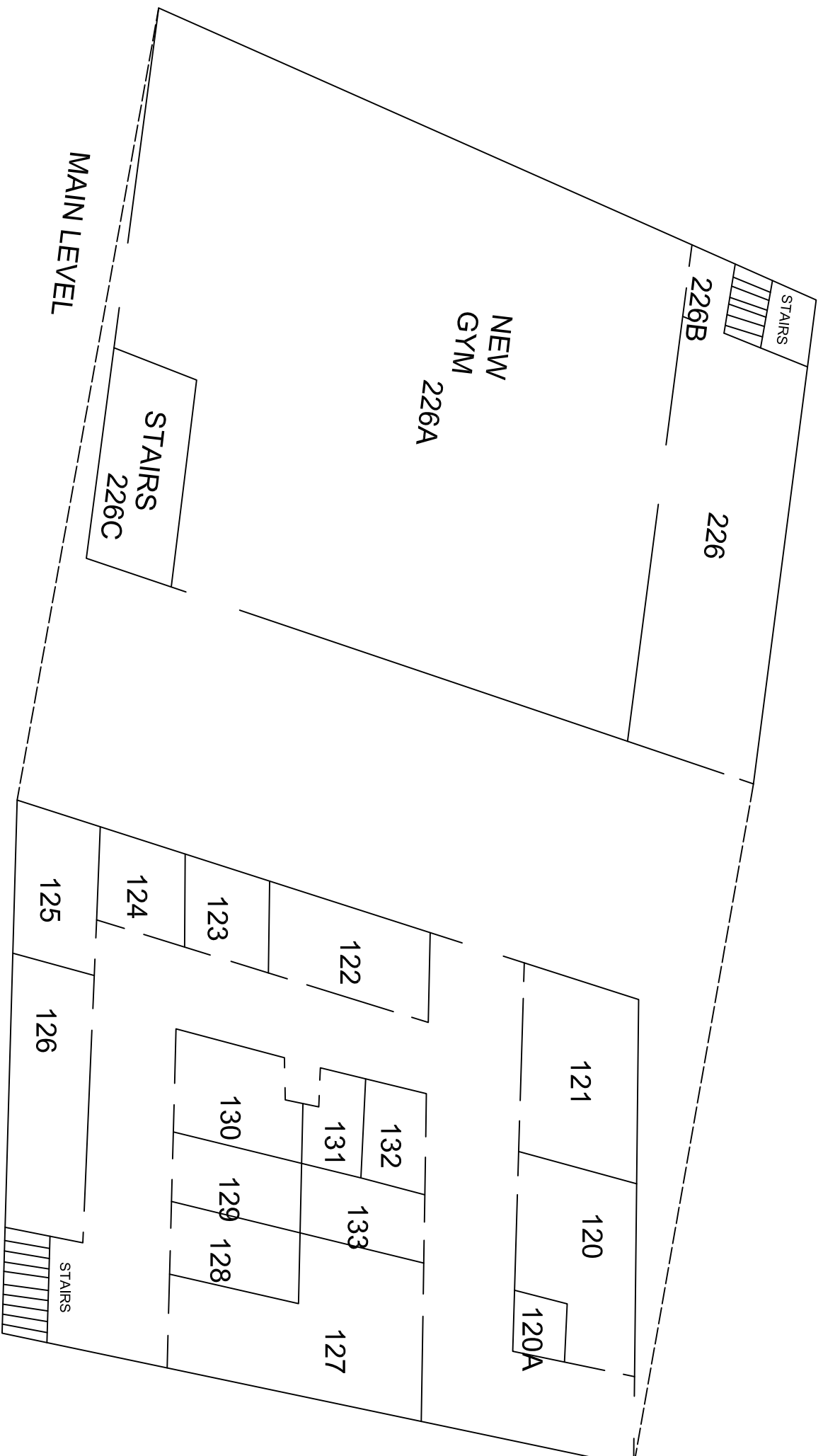


LEGEND:

ARCHITECTURAL SIGN OFF LETTER
DATED 12/2000

NO RECENT CHANGES OR ADDITIONS
HAVE OCCURRED SINCE 2000

NO ACM PRESENT IN NEW GYM AREA



December 18, 2000
Paul Jensen
Logan City School District
101 West Center
Logan, Utah 84321

RE: **LOGAN HIGH SCHOOL GYM**
SOUTH CAMPUS SCHOOL
LCSO OFFICE REMODEL

To Whom It May Concern:

As the architects for the above referenced projects, we certify that to the best of our knowledge there are no asbestos containing products installed as part of the work of these three projects.

Sincerely,

Scott W. Thebaud, AIA
President

LHS -NEW GYM - MAIN BUILDING

FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM

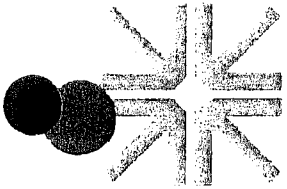
Western Technologies, Inc.

Job No. 6120JW137

Figure: 6

APPROXIMATELY 1 inch = 20 feet





ARCHITECTURAL DESIGN WEST, INC.
101 WEST CENTER
LOGAN, UTAH 84321
PHONE: (435) 734-1111
FAX: (435) 734-1112

December 18, 2000

Paul Jensen
Logan City School District
101 West Center
Logan, Utah 84321

RE: LOGAN HIGH SCHOOL GYM
SOUTH CAMPUS SCHOOL
LCSD OFFICE REMODEL

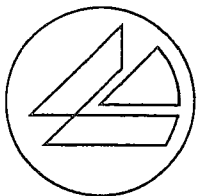
To Whom It May Concern:

As the architects for the above referenced projects, we certify that to the best of our knowledge there are no asbestos containing products installed as part of the work of these three projects.

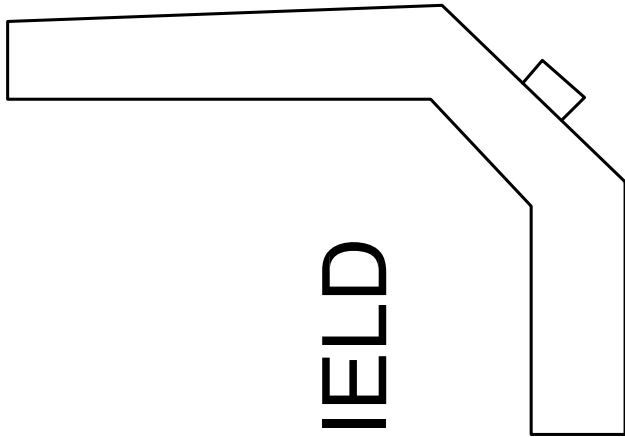
Sincerely,

Scott W. Theobald, AIA
President

APPENDIX E



BASEBALL BLEACHERS AND PRESS BOX

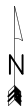


BASEBALL FIELD

RESTR

LEGEND

NO ACM FOUND

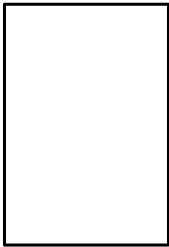
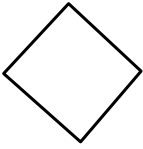


APPROXIMATELY 1 inch = 50 feet

LOGAN HIGH SCHOOL - BASEBALL FIELD	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 7

FOOTBALL FIELD

FOOTBALL STANDS AND STORAGE AREA



RESTROOMS AND STORAGE

LEGEND

NO ACM FOUND



APPROXIMATELY 1 inch = 30 feet

LOGAN HIGH SCHOOL - FOOTBALL STANDS/STORAGE	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 8

STORAGE GARAGE

LEGEND

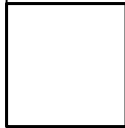
NO ACM FOUND



APPROXIMATELY 1 inch = 40 feet

LOGAN HIGH SCHOOL - STORAGE GARAGE	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 9

OLD WOODRUFF BUILDING



STORAGE GARAGE

LEGEND

NO ACM FOUND



APPROXIMATELY 1 inch = 50 feet

LOGAN HIGH SCHOOL - STORAGE GARAGE	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure -10

SOFTBALL FIELD

STORAGE SHED



LEGEND

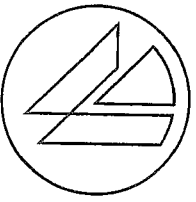
NO ACM FOUND



APPROXIMATELY 1 inch = 20 feet

LOGAN HIGH SCHOOL - STORAGE SHED	
FUNCTIONAL SPACE AND ACM LOCATION DIAGRAM	
Western Technologies, Inc.	
Job No. 6120JW137	Figure - 11

APPENDIX F





State of Utah

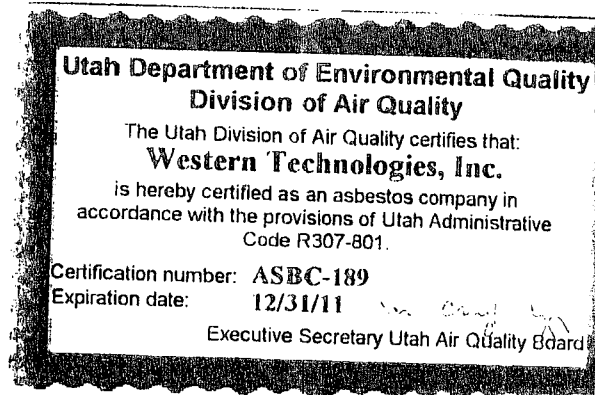
GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director



RECEIVED JAN 24 2011

DAQA-003-11

January 20, 2011

Robert Wenzel
Western Technologies
420 West Lawndale Drive
Salt Lake City, UT 84115

Dear Mr. Wenzel:

Re: Utah Asbestos Company Certification Card

The Utah Division of Air Quality (DAQ) has received your Certification Application for Asbestos Company and we are pleased to inform you that your application has been approved. Your new Asbestos company certification card is enclosed with this letter and this card is the sole method of Asbestos company certification documentation that you will receive from the DAQ. Please check the information on your asbestos company certification card carefully and please confirm that the company name and certification expiration date are correct.

Please be aware that your company is certified to perform asbestos projects in accordance with applicable state and federal rules and the use of Utah certified individuals is mandatory. Also, your certification may be revoked or suspended if the Utah certified individual or company are found to be in violation of the asbestos certification and work practices standards found in Utah Administrative Code R307-801 or the National Emission Standard for Asbestos found in Title 40 Code of Federal Regulations Part 61 Subpart M.

If you have any questions about this letter or the enclosed asbestos company certification card, please contact Mark Berger at (801) 536-4007 or at mberger@utah.gov.

Sincerely,

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jv



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

RECEIVED JAN 24 2011
Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

Utah Asbestos Certification

Robert E. Wenzel
ASB-2618

Inspector (Exp. 09/10/11)
Management Planner (Exp. 12/10/11)



Cheryl Heying
Executive Secretary Utah Air Quality Board

January 19, 2011

DAQA-001-11

Robert E. Wenzel
Western Technologies
420 West Lawndale Drive
Salt Lake City, UT 84115

Dear Mr. Wenzel:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (DAQ) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the DAQ.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Mark Berger at (801) 536-4007 or at mberger@utah.gov.

Sincerely,

Robert W. Ford

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jv



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

Utah Asbestos Certification

Charles D. Kaleta
ASB-4573

Supervisor (Exp. 10/22/11)
Inspector (Exp. 07/09/11)



M. Cheryl Heying
Executive Secretary Utah Air Quality Board

December 28, 2010

DAQA-001-10

Charles D. Kaleta
Western Technologies
3737 East Broadway Road
Phoenix, AZ 85040

Dear Mr. Kaleta:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (DAQ) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the DAQ.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Mark Berger at (801) 536-4007 or at mberger@utah.gov.

Sincerely,

Gregory B. Anderson for

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jv



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF AIR QUALITY
Cheryl Heying
Director

Utah Asbestos Certification

Vicki L. Aullman

ASB-0087

Inspector (Exp. 04/08/11)

Supervisor (Exp. 04/09/11)



M. Cheryl Heying
Executive Secretary Utah Air Quality Board

December 16, 2010

DAQA-001-10

Vicki L. Aullman
Western Technologies
420 West Lawndale Drive
Salt Lake City, UT 84115

Dear Ms. Aullman:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (DAQ) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the DAQ.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Mark Berger at (801) 536-4007 or at mberger@utah.gov.

Sincerely,

Gregory B. Sorrento for

Robert W. Ford, Manager
Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:jv

PLM Summary Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056

TDSHS License No. 30-0084

Client :	Western Technologies Inc. - Salt Lake City UT	Lab Job No. : 11B-00261
Project :	Old Woodruff, Reinspection, WTI, Logan School District	Report Date : 01/13/2011
Project # :	6120JW137	Sample Date : 12/20/2010
Identification :	Asbestos, Bulk Sample Analysis	
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS)	
	EPA Method 600 / R-93 / 116	

Page 1 of 2

On 1/11/2011, twenty five (25) bulk material samples were submitted by Robert E. Wenzel of Western Technologies Inc. - Salt Lake City UT for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
W-1	Sink Coating, Room 9	3% Chrysotile - Sink Undercoating
W-2	Sink Coating, Room 9	3% Chrysotile - Sink Undercoating
W-3	Sink Coating, Room 15	None Detected - Sink Undercoating
W-4	Sink Coating, Room 14	3% Chrysotile - Sink Undercoating
W-5	12" x 12" Ceiling Tile (Pock Marked, Medium Fissure), Room 14	None Detected - Acoustic Tile None Detected - Brown Mastic
W-6	12" x 12" Ceiling Tile (Pock Marked, Medium Fissure), Room 22	None Detected - Acoustic Tile None Detected - Brown Mastic
W-7	12" x 12" Ceiling Tile (Pock Marked, Medium Fissure), Room 22	None Detected - Acoustic Tile
W-8	2' x 4' Ceiling Tile (Medium Fissure), Room 4	None Detected - Acoustic Tile
W-9	2' x 4' Ceiling Tile (Medium Fissure), Room 4A	None Detected - Acoustic Tile
W-10	2' x 4' Ceiling Tile (Medium Fissure), Room 4A	None Detected - Acoustic Tile
W-11	12" x 12" Ceiling Tile (Small Fissure), Room 9	None Detected - Acoustic Tile
W-12	12" x 12" Ceiling Tile (Small Fissure), Room 9	None Detected - Acoustic Tile
W-13	12" x 12" Ceiling Tile (Small Fissure), Room 9	None Detected - Acoustic Tile
W-14	12" x 12" Ceiling Tile (Pinhole), Room 4	None Detected - Acoustic Tile
W-15	12" x 12" Ceiling Tile (Pinhole), Room 4	None Detected - Acoustic Tile
W-16	12" x 12" Ceiling Tile (Pinhole), Room 4	None Detected - Acoustic Tile
W-17	12" x 12" Ceiling Tile (Uniform Pattern), Room 7	None Detected - Acoustic Tile None Detected - Yellow Mastic
W-18	12" x 12" Ceiling Tile (Uniform Pattern), Room 7	None Detected - Acoustic Tile None Detected - Yellow Mastic

PLM Summary Report

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT Lab Job No. : 11B-00261
 Project : Gld Woodruff, Reinspection, WTI, Logan School District Report Date : 01/13/2011
 Project # : 6120JW137 Sample Date : 12/20/2010
 Identification : Asbestos, Bulk Sample Analysis
 Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
 EPA Method 600 / R-93 / 116

Page 2 of 2

On 1/11/2011, twenty five (25) bulk material samples were submitted by Robert E. Wenzel of Western Technologies Inc. - Salt Lake City UT for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
W-19	12" x 12" Ceiling Tile (Uniform Pattern) / Putty, Room 7	None Detected - Acoustic Tile None Detected - Yellow Mastic
W-20	12" x 12" Ceiling Tile (Rough Pattern) / Putty, Room 21	None Detected - Acoustic Tile None Detected - Brown Mastic
W-21	12" x 12" Ceiling Tile (Rough Pattern) / Putty, Room 21	None Detected - Acoustic Tile None Detected - Brown Mastic
W-22	12" x 12" Ceiling Tile (Rough Pattern) / Putty, Room 21	None Detected - Acoustic Tile None Detected - Brown Mastic
W-23	Thermal System Insulation - Aircell on Pipe, Crawlspace	90% Chrysotile - Thermal Insulation
W-24	Thermal System Insulation - Aircell on Pipe, Crawlspace	90% Chrysotile - Thermal Insulation
W-25	Thermal System Insulation - Aircell on Pipe, Crawlspace	90% Chrysotile - Thermal Insulation

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

NVLAP

Analyst(s): Shaun Wilkerson

Lab Manager : Bruce Crabb

Lab Director : Steve Moody

Approved Signatory : _____

Approved Signatory : _____

Bruce Crabb

Steve Moody

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT
 Project : Old Woodruff, Reinspection, WTI, Logan School District
 Project # : 6120JW137

Lab Job No. : 11B-00261
 Report Date : 01/13/2011

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
W-1	Sink Undercoating (Off-White)	100%	Chrysotile	3%	01/12	SW
			Calcite / Talc	57%		
			Binders / Fillers	40%		
W-2	Sink Undercoating (Off-White)	100%	Chrysotile	3%	01/12	SW
			Calcite / Talc	57%		
			Binders / Fillers	40%		
W-3	Sink Undercoating (Off-White)	100%	Cellulose Fibers	10%	01/12	SW
			Calcite / Talc	50%		
			Binders / Fillers	40%		
W-4	Sink Undercoating (Black)	100%	Chrysotile	3%	01/12	SW
			Calcite / Talc	37%		
			Tar Binders	55%		
W-5	Acoustic Tile (Tan)	97%	Wood Fibers	100%	01/12	SW
	Brown Mastic (Brown)	3%	Glue Binders	100%		
W-6	Acoustic Tile (Tan)	97%	Wood Fibers	100%	01/13	SW
	Brown Mastic (Brown)	3%	Glue Binders	100%		
W-7	Acoustic Tile (Tan)	100%	Wood Fibers	100%	01/13	SW
W-8	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/13	SW
			Mineral Wool Fibers	30%		
			Perlite	20%		
W-9	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/13	SW
			Mineral Wool Fibers	30%		
			Perlite	20%		
W-10	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/13	SW
			Mineral Wool Fibers	30%		
			Perlite	20%		
W-11	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/13	SW
			Mineral Wool Fibers	30%		
			Perlite	20%		

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT
 Project : Old Woodruff, Reinspection, WTI, Logan School District
 Project # : 6120JW137

Lab Job No. : 11B-00261
 Report Date : 01/13/2011

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
W-12	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/13	SW
			Mineral Wool Fibers	30%		
			Perlite	20%		
W-13	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/13	SW
			Mineral Wool Fibers	30%		
			Perlite	20%		
W-14	Acoustic Tile (Tan)	100%	Wood Fibers	100%	01/13	SW
W-15	Acoustic Tile (Tan)	100%	Wood Fibers	100%	01/13	SW
W-16	Acoustic Tile (Tan)	100%	Wood Fibers	100%	01/13	SW
W-17	Acoustic Tile (Tan)	20%	Wood Fibers	100%	01/13	SW
	Yellow Mastic (Yellow)	80%	Glue Binders	100%		
W-18	Acoustic Tile (Tan)	20%	Wood Fibers	100%	01/13	SW
	Yellow Mastic (Yellow)	80%	Glue Binders	100%		
W-19	Acoustic Tile (Tan)	20%	Wood Fibers	100%	01/13	SW
	Yellow Mastic (Yellow)	80%	Glue Binders	100%		
W-20	Acoustic Tile (Tan)	95%	Wood Fibers	100%	01/13	SW
	Brown Mastic (Brown)	5%	Talc Fibers	2%		
			Glue Binders	98%		
W-21	Acoustic Tile (Tan)	95%	Wood Fibers	100%	01/13	SW
	Brown Mastic (Brown)	5%	Talc Fibers	2%		
			Glue Binders	98%		
W-22	Acoustic Tile (Tan)	95%	Wood Fibers	100%	01/13	SW
	Brown Mastic (Brown)	5%	Talc Fibers	2%		
			Glue Binders	98%		
W-23	Thermal Insulation (Light Grey)	100%	Chrysotile	90%	01/13	SW
			Binders / Fillers	10%		
W-24	Thermal Insulation (Light Grey)	100%	Chrysotile	90%	01/13	SW
			Binders / Fillers	10%		

PLM Summary Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056

TDSHS License No. 30-0084

Client :	Western Technologies Inc. - Salt Lake City UT	Lab Job No. : 11B-00260
Project :	Main Logan HS, Reinspection, WTI, Logan School Dist.	Report Date : 01/13/2011
Project # :	6120JW137	Sample Date : 12/21/2010
Identification :	Asbestos, Bulk Sample Analysis	
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS)	
	EPA Method 600 / R-93 / 116	

Page 1 of 2

On 1/11/2011, twenty seven (27) bulk material samples were submitted by a representative of Western Technologies Inc. - Salt Lake City UT for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
M-1	2' x 2' Ceiling Tiles (Medium Fissure), Library, NWC	None Detected - Acoustic Tile
M-2	2' x 2' Ceiling Tiles (Medium Fissure), Hallway Near Stairs	None Detected - Acoustic Tile
M-3	2' x 2' Ceiling Tiles (Medium Fissure), Room 118, Orchestra	None Detected - Acoustic Tile
M-4	2' x 4' Ceiling Tiles (Medium Fissure), Room 105	None Detected - Acoustic Tile
M-5	2' x 4' Ceiling Tiles (Medium Fissure), Room 109	None Detected - Acoustic Tile
M-6	2' x 4' Ceiling Tiles (Medium Fissure), Room 002A	None Detected - Acoustic Tile
M-7	12" x 12" Ceiling Tiles (Medium Fissure) / Putty, Room 104, Custodial	None Detected - Acoustic Tile None Detected - Brown Mastic
M-8	12" x 12" Ceiling Tiles (Medium Fissure) / Putty, Room 148	None Detected - Acoustic Tile None Detected - Brown Mastic
M-9	12" x 12" Ceiling Tiles (Medium Fissure) / Putty, Room 001, Driver Storage	None Detected - Acoustic Tile No Mastic
M-10	12" x 12" Ceiling Tiles (Small Pinhole), Kitchen	None Detected - Acoustic Tile
M-11	12" x 12" Ceiling Tiles (Small Pinhole), Chemistry	None Detected - Acoustic Tile
M-12	12" x 12" Ceiling Tiles (Small Pinhole), Room 012F	None Detected - Acoustic Tile
M-13	2' x 4' Ceiling Tiles (Wrinkle Pattern), N19	None Detected - Acoustic Tile
M-14	2' x 4' Ceiling Tiles (Wrinkle Pattern), Room 020A	None Detected - Acoustic Tile
M-15	2' x 4' Ceiling Tiles (Wrinkle Pattern), Room N13	None Detected - Acoustic Tile
M-16	12" x 12" Ceiling Tiles (Large Pinhole), Room 16	None Detected - Acoustic Tile None Detected - Brown Mastic
M-17	12" x 12" Ceiling Tiles (Large Pinhole), Room N15	None Detected - Acoustic Tile None Detected - Brown Mastic
M-18	12" x 12" Ceiling Tiles (Large Pinhole), Room 010H	None Detected - Acoustic Tile None Detected - Brown Mastic

PLM Summary Report

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client :	Western Technologies Inc. - Salt Lake City UT	Lab Job No. : 11B-00260
Project :	Main Logan HS, Reinspection, WTI, Logan School Dist.	Report Date : 01/13/2011
Project # :	6120JW137	Sample Date : 12/21/2010
Identification :	Asbestos, Bulk Sample Analysis	
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS) EPA Method 600 / R-93 / 116	

Page 2 of 2

On 1/11/2011, twenty seven (27) bulk material samples were submitted by a representative of Western Technologies Inc. - Salt Lake City UT for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
M-19	Thermal System Insulation (Mud Fittings), ST-7 on 3" Line	3% Chrysotile - Thermal Insulation
M-20	Thermal System Insulation (Mud Fittings), Room NEC of Kitchen 6" Line	None Detected - Thermal Insulation
M-21	Thermal System Insulation (Mud Fittings), Room 140, Mechanical Maintenance	5% Chrysotile - Thermal Insulation
M-22	Thermal System Insulation, Boiler, North Side Top, Mechanical Maintenance Room 140	10% Amosite - Thermal Insulation 10% Chrysotile - Thermal Insulation
M-23	Thermal System Insulation, Boiler, South Side Bottom, Mechanical Maintenance Room 140	10% Amosite - Thermal Insulation 10% Chrysotile - Thermal Insulation
M-24	Thermal System Insulation, Boiler, South Side Top, Mechanical Maintenance Room 140	10% Amosite - Thermal Insulation 10% Chrysotile - Thermal Insulation
M-25	Sink Coating, Ceramic Room	None Detected - Sink Undercoating
M-26	Sink Coating, Ceramic Room	None Detected - Sink Undercoating
M-27	Sink Coating, Ceramic Room	None Detected - Sink Undercoating

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.



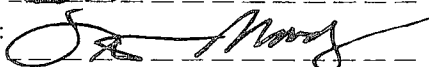
Analyst(s): Tommie Smith

Lab Manager : Bruce Crabb

Lab Director : Steve Moody

Approved Signatory : _____

Approved Signatory : _____

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT
 Project : Main Logan HS, Reinspection, WTI, Logan School Dist.
 Project # : 6120JW137

Lab Job No. : 11B-00260
 Report Date : 01/13/2011

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
M-1	Acoustic Tile (Light Grey)	100%	Cellulose Fibers Mineral Wool Fibers Perlite	50% 30% 20%	01/12	TS
M-2	Acoustic Tile (Light Grey)	100%	Cellulose Fibers Mineral Wool Fibers Perlite	50% 30% 20%	01/12	TS
M-3	Acoustic Tile (Light Grey)	100%	Cellulose Fibers Mineral Wool Fibers Perlite	50% 30% 20%	01/12	TS
M-4	Acoustic Tile (Light Grey)	100%	Cellulose Fibers Mineral Wool Fibers Perlite	50% 30% 20%	01/12	TS
M-5	Acoustic Tile (Light Grey)	100%	Cellulose Fibers Mineral Wool Fibers Perlite	50% 30% 20%	01/12	TS
M-6	Acoustic Tile (Light Grey)	100%	Cellulose Fibers Mineral Wool Fibers Perlite	50% 30% 20%	01/12	TS
M-7	Acoustic Tile (Tan) Brown Mastic (Brown)	95% 5%	Wood Fibers Talc Fibers Glue Binders	100% 2% 98%	01/12	TS
M-8	Acoustic Tile (Tan) Brown Mastic (Brown)	95% 5%	Wood Fibers Talc Fibers Glue Binders	100% 2% 98%	01/12	TS
M-9	Acoustic Tile (Tan) No Mastic	100%	Wood Fibers	100%	01/12	TS
M-10	Acoustic Tile (Dark Grey)	100%	Cellulose Fibers Mineral Wool Fibers Perlite	50% 30% 20%	01/12	TS

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT
 Project : Main Logan HS, Reinspection, WTI, Logan School Dist.
 Project # : 6120JW137

Lab Job No. : 11B-00260
 Report Date : 01/13/2011

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
M-11	Acoustic Tile (Dark Grey)	100%	Cellulose Fibers	50%	01/12	TS
			Mineral Wool Fibers	30%		
			Perlite	20%		
M-12	Acoustic Tile (Dark Grey)	100%	Cellulose Fibers	50%	01/12	TS
			Mineral Wool Fibers	30%		
			Perlite	20%		
M-13	Acoustic Tile (Yellow)	95%	Mineral Wool Fibers	95%	01/12	TS
	Painted Facing (White)	5%	Resin Binders	5%		
			Wollastonite	5%		
			Pigment / Binders	95%		
M-14	Acoustic Tile (Yellow)	95%	Mineral Wool Fibers	95%	01/12	TS
	Painted Facing (White)	5%	Resin Binders	5%		
			Wollastonite	5%		
			Pigment / Binders	95%		
M-15	Acoustic Tile (Yellow)	95%	Mineral Wool Fibers	95%	01/12	TS
	Painted Facing (White)	5%	Resin Binders	5%		
			Wollastonite	5%		
			Pigment / Binders	95%		
M-16	Acoustic Tile (Tan)	90%	Wood Fibers	100%	01/12	TS
	Brown Mastic (Brown)	10%	Talc Fibers	2%		
			Glue Binders	98%		
M-17	Acoustic Tile (Tan)	90%	Wood Fibers	100%	01/12	TS
	Brown Mastic (Brown)	10%	Talc Fibers	2%		
			Glue Binders	98%		
M-18	Acoustic Tile (Tan)	90%	Wood Fibers	100%	01/12	TS
	Brown Mastic (Brown)	10%	Talc Fibers	2%		
			Glue Binders	98%		
M-19	Thermal Insulation (Light Grey)	100%	Chrysotile	3%	01/12	TS
			Mineral Wool Fibers	20%		
			Binders / Fillers	77%		

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT
 Project : Main Logan HS, Reinspection, WTI, Logan School Dist.
 Project # : 6120JW137

Lab Job No. : 11B-00260
 Report Date : 01/13/2011

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
M-20	Thermal Insulation (Light Grey)	100%	Mineral Wool Fibers	20%	01/12	TS
			Binders / Fillers	80%		
M-21	Thermal Insulation (White)	100%	Chrysotile	5%	01/12	TS
			Binders / Fillers	95%		
M-22	Thermal Insulation (White)	100%	Amosite	10%	01/12	TS
			Chrysotile	10%		
			Binders / Fillers	80%		
M-23	Thermal Insulation (White)	100%	Amosite	10%	01/12	TS
			Chrysotile	10%		
			Binders / Fillers	80%		
M-24	Thermal Insulation (White)	100%	Amosite	10%	01/12	TS
			Chrysotile	10%		
			Binders / Fillers	80%		
M-25	Sink Undercoating (Grey)	100%	Cellulose Fibers	10%	01/13	TS
			Calcite / Talc	50%		
			Binders / Fillers	40%		
M-26	Sink Undercoating (Grey)	100%	Cellulose Fibers	10%	01/13	TS
			Calcite / Talc	50%		
			Binders / Fillers	40%		
M-27	Sink Undercoating (Grey)	100%	Cellulose Fibers	10%	01/13	TS
			Calcite / Talc	50%		
			Binders / Fillers	40%		



Western Technologies Inc.
The Quality People
Since 1955

Robert E. Wenzel, PE
Director of Geotechnical Services
(801) 972-3650 • fax 972-3653
420 West Lawndale Drive
Salt Lake City UT 84115-2917
cell 910-5802 • r.wenzel@wt-us.com

ASBESTOS CHAIN OF CUSTODY

11B-00262 PLM:21

Page 1 of 2

JOB NO.	PROJECT NAME	CLIENT / COMPANY	SAMPLER - PLEASE PRINT		NO. OF CONTAINERS	SAMPLE METHOD						ANALYSIS METHOD			LITERS TOTAL VOLUME	COMMENTS TYPE OF MATERIAL, FRIABILITY, ABATEMENT ACTIVITY, ETC.	LABORATORY IDENTIFICATION NO.
			SAMPLER	PLEASE PRINT		AREA AIR	INSIDE / OUTSIDE	PERSONAL AIR	WIFE	BULK	PLM	PCM	TEM	DATE			
61205W137	Kogan School Dist. - Tech Bldg.		V. Aullman														
T-1	12-27 1000		Rm. 106 S/E corner	1													
↓ -2			Rm-104	1													
↓ -3			Rm-103	1													
T-4			Room 201 - Center	1													
↓ -5			Room 211	1													
↓ -6			Room 211	1													
T-7			Rm 100, Electric (BE)	1													
↓ -8			↓ - MIDDLE LINE	1													
↓ -9			↓ - WEST LINE	1													
T-10			Room 101A - E. DUCT	1													
↓ -11			↓ - WEST DUCT	1													
↓ -12			↓ -	1													
T-13			Room 100 - South side	1													
↓ -14			↓ -	1													
↓ -15			↓ -	1													
T-16			Office 1 - Entry through 101	1													
↓ -17			Yearbook - Room	1													
↓ -18			Technology Lab	1													
RELINQUISHED BY - SIGNATURE		DATE		TIME		RECEIVED BY - SIGNATURE		DATE		TIME		RELINQUISHED BY - SIGNATURE		DATE		TIME	
Vicki Aull		12-27		1000				1-11-11		9:35A				3		5	
RELINQUISHED BY - SIGNATURE		DATE		TIME		RECEIVED FOR LAB BY - SIGNATURE		DATE		TIME		RELINQUISHED BY - SIGNATURE		DATE		TIME	
Vicki Aull		12-27		2010		JQU ai 4/25		1-11-11		9:35A				3		5	

SAMPLE PROCESS TURNAROUND TIME
 ROUTINE 3-5 DAYS
 24 HOURS
 EMERGENCY RUSH 8 HOURS OR LESS

PLM Summary Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056

TDSHS License No. 30-0084

Client :	Western Technologies Inc. - Salt Lake City UT	Lab Job No. : 11B-00262
Project :	Logan School District, Tech Building	Report Date : 01/12/2011
Project # :	6120JW137	Sample Date : 12/27/2010
Identification :	Asbestos, Bulk Sample Analysis	
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS) EPA Method 600 / R-93 / 116	

Page 1 of 2

On 1/11/2011, twenty one (21) bulk material samples were submitted by Robert E. Wenzel of Western Technologies Inc. - Salt Lake City UT for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
T-1	2' x 4' Ceiling Tile (Medium Fissure), Room 106, Southeast Corner	None Detected - Acoustic Tile
T-2	2' x 4' Ceiling Tile (Medium Fissure), Room 104	None Detected - Acoustic Tile
T-3	2' x 4' Ceiling Tile (Medium Fissure), Room 102	None Detected - Acoustic Tile
T-4	12" x 12" Ceiling Tile (Medium Fissure), Room 201, Center	None Detected - Ceiling Tile
T-5	12" x 12" Ceiling Tile (Medium Fissure), Room 211	None Detected - Ceiling Tile
T-6	12" x 12" Ceiling Tile (Medium Fissure), Room 211	None Detected - Ceiling Tile
T-7	Thermal System Insulation / Mud Fittings, Room 100, Electrical Room, East	3% Chrysotile - Thermal Insulation None Detected - Cotton Wrap
T-8	Thermal System Insulation / Mud Fittings, Room 100, Electrical Room, Middle Line	Not Analyzed - Positive Stop
T-9	Thermal System Insulation / Mud Fittings, Room 100, Electrical Room, West Line	Not Analyzed - Positive Stop
T-10	Duct Seam Tape, Room 101A, East Side Duct	None Detected - Duct Tape
T-11	Duct Seam Tape, Room 101A, West Side Duct	None Detected - Duct Tape
T-12	Duct Seam Tape, Room 101A	None Detected - Duct Tape
T-13	Thermal System Insulation - Mag Block - Pipe Line, Room 100, South Side	3% Chrysotile - Thermal Insulation
T-14	Thermal System Insulation - Mag Block - Pipe Line, Room 100, South Side	Not Analyzed - Positive Stop
T-15	Thermal System Insulation - Mag Block - Pipe Line, Room 100, South Side	Not Analyzed - Positive Stop
T-16	Structural Fireproofing, Office 1, Entrance Through 101	None Detected - Fireproofing
T-17	Structural Fireproofing, Yearbook Room	None Detected - Fireproofing

PLM Summary Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056

TDSHS License No. 30-0084

Client :	Western Technologies Inc. - Salt Lake City UT	Lab Job No. : 11B-00262
Project :	Logan School District, Tech Building	Report Date : 01/12/2011
Project # :	6120JW137	Sample Date : 12/27/2010
Identification :	Asbestos, Bulk Sample Analysis	
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS) EPA Method 600 / R-93 / 116	

Page 2 of 2

On 1/11/2011, twenty one (21) bulk material samples were submitted by Robert E. Wenzel of Western Technologies Inc. - Salt Lake City UT for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
T-18	Structural Fireproofing, Technology Lab	None Detected - Fireproofing
T-19	Sink Coating (Pink), Room 201, Sink Center of Room	5% Chrysotile - Sink Undercoating
T-20	Sink Coating (Pink), Room 201, Sink Center of Room	Not Analyzed - Positive Stop
T-21	Sink Coating (Pink), Room 201, Sink Center of Room	Not Analyzed - Positive Stop

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.



Analyst(s): Tommie Smith

Lab Manager : Bruce Crabb

Lab Director : Steve Moody

Approved Signatory : _____

Approved Signatory : _____

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT
 Project : Logan School District, Tech Building
 Project # : 6120JW137

Lab Job No. : 11B-00262
 Report Date : 01/12/2011

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst	
T-1	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/12	TS	
			Mineral Wool Fibers	30%			
			Perlite	20%			
T-2	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/12	TS	
			Mineral Wool Fibers	30%			
			Perlite	20%			
T-3	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	50%	01/12	TS	
			Mineral Wool Fibers	30%			
			Perlite	20%			
T-4	Ceiling Tile (Tan)	100%	Wood Fibers	100%	01/12	TS	
T-5	Ceiling Tile (Tan)	100%	Wood Fibers	100%	01/12	TS	
T-6	Ceiling Tile (Tan)	100%	Wood Fibers	100%	01/12	TS	
T-7	Thermal Insulation (Light Grey)	85%	Chrysotile	3%	01/12	TS	
			Mineral Wool Fibers	20%			
	Cotton Wrap (Off-White)	15%	Binders / Fillers	77%			
			Cotton Fibers	100%			
T-8	Not Analyzed - Positive Stop	100%			01/12	TS	
T-9	Not Analyzed - Positive Stop	100%			01/12	TS	
T-10	Duct Tape (Tan)	100%	Cotton Fibers	75%	01/12	TS	
				Glue Binders			25%
T-11	Duct Tape (Tan)	100%	Cotton Fibers	75%	01/12	TS	
				Glue Binders			25%
T-12	Duct Tape (Tan)	100%	Cotton Fibers	75%	01/12	TS	
				Glue Binders			25%
T-13	Thermal Insulation (White)	100%	Chrysotile	3%	01/12	TS	
				Glass Wool Fibers			5%
				Binders / Fillers			92%
T-14	Not Analyzed - Positive Stop	100%			01/12	TS	
T-15	Not Analyzed - Positive Stop	100%			01/12	TS	

Steve Moody Micro Services, LLC
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab No. 102056
 TDSHS License No. 30-0084

Client : Western Technologies Inc. - Salt Lake City UT
 Project : Logan School District, Tech Building
 Project # : 6120JW137

Lab Job No. : 11B-00262
 Report Date : 01/12/2011

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
T-16	Fireproofing (Tan)	100%	Cellulose Fibers	100%	01/12	TS
T-17	Fireproofing (Tan)	100%	Cellulose Fibers	100%	01/12	TS
T-18	Fireproofing (Tan)	100%	Cellulose Fibers	100%	01/12	TS
T-19	Sink Undercoating (Pink)	100%	Chrysotile	5%	01/12	TS
			Cellulose Fibers	10%		
			Calcite / Talc	45%		
			Binders / Fillers	40%		
T-20	Not Analyzed - Positive Stop	100%			01/12	TS
T-21	Not Analyzed - Positive Stop	100%			01/12	TS