

NARRATIVE REPORT

1.0 BUILDING INFORMATION

Music Education was originally constructed in 1982; although specific information could not be located, small renovations are evident.

Music Education is a four-story, 82,204 ft² building which primarily serves as classroom and office areas for performing arts personnel. Minard Hall (A021) is attached to the east side of Music Education and is reported separately.

The interior floor finishes included carpet, concrete, floor tile, wood, and epoxy flooring; the interior wall finishes included gypsum wallboard, concrete block, concrete, ceramic block, brick, and plaster; and the interior ceiling finishes included ceiling tile, wood, gypsum wallboard, plaster, metal, and concrete. The roofing system is a flat rubber-membrane roof and the exterior of the structure is brick.

The piping systems were insulated; fiberglass insulation (without hard fittings) is located throughout the building. Steam enters the building via a tunnel in room 4 and domestic water enters the building in room 4. HVAC systems located in the building consisted of steam radiator and forced air furnaces equipped with heating/cooling coils.

2.0 ASBESTOS SURVEY INFORMATION

Music Education was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 2" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 2" for methodologies, definitions, and other pertinent supporting information.

A total of 61 samples were collected from suspect asbestos-containing materials (ACM) from Music Education on August 21, 2007 and an additional 7 samples were collected on May 9, 2008. Laboratory analysis results indicate **12 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Floor Tile (2 types)	Floor Tile Mastic (2 types)
Gypsum Wallboard (2 types)	Joint Compound (2 types)
Ceiling Texture	Baseboard Adhesive (2 types)
Carpet Mastic (4 types)	Sink Undercoating
Encapsulant on Fiberglass Insulation (2 types)	Ceiling Tile (4 types)
Hard Plaster- Skimcoat	Hard Plaster- Basecoat
Red HVAC Duct Caulk	Hard Pack on Fiberglass Insulation
Building Seam Caulk	Window Caulk
Coating on Fiberglass Insulation	Exterior Building Seam Caulk
Exterior Window Caulk	Exterior Window Glazing (3 types)
Exterior Door Caulk	Exterior Air Vent Caulk

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 Asbestos Containing Materials

Mastic for 12" Tan Marbled Floor Tile
White Sink Undercoating
Red HVAC Duct Caulk
Encapsulant on Fiberglass Insulation (1 type)
Exterior Window Glazing (3 types)
Exterior Window Caulk

The ACM Locations/ Friable Materials Assessments Table includes ACM locations data.

2.3 Cost Estimates

Legend Technical Services Inc. estimates abatement costs (removal & disposal) of ACM for Music Education as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Floor Tile and/or Mastic	14,421 ft ²	\$4.00/ft ²	\$57,684.00
Asbestos Sink Undercoating	2 ea	\$150.00/ea	\$300.00
Asbestos Red HVAC Duct Caulk	601 ea	\$60.00/ea	\$36,060.00
Asbestos Window Glazing (all types)	197 ea	\$225.00/ea	\$44,325.00
Asbestos Window Caulk	61 ea	\$125.00/ea.	\$7,625.00
Asbestos Encapsulant on Fiberglass Insulation	124 ft	\$25.00/ ft	\$3,100.00
Total Estimated Abatement Costs:			\$149,094.00

2.4 Survey Notes

LEGEND identified and sampled 2 types (homogeneous areas) of Encapsulant on Fiberglass Insulation in Music Education; an original vintage that was installed in 1982 construction of the building and a newer replacement "bright white" vintage that has been installed since the 1982 construction. The original vintage tested positive for asbestos and the newer replacement "bright white" vintage tested negative for asbestos. LEGEND visually quantified the original vintage encapsulant on fiberglass insulation throughout the building and included this information in the ACM Locations Diagrams and Tables. In addition, LEGEND identified and sampled Hard Pack on Fiberglass Insulation in Music Education; it tested negative for asbestos.

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Tunnels

Red HVAC Duct Caulk	20% Chrysotile	48 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC ducts throughout the northeast tunnel.
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Room 4

Red HVAC Duct Caulk	20% Chrysotile	33 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC ducts primarily on the east end of the room.
Encapsulant on Fiberglass Insulation	2-5% Chrysotile	95 ft	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	6	The asbestos encapsulant on fiberglass insulation is throughout the room; the original vintage.

Room 102

Encapsulant on Fiberglass Insulation	2-5% Chrysotile	6 ft	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	6	The asbestos encapsulant on fiberglass insulation is along the ceiling on the west end of the room.
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Room 103A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	153 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	3 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC ducts above the ceiling tile.

Room 103B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	141 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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* = Non-Friable materials were not assessed

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LEGEND No. 0700048 (NDSU)
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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Red HVAC Duct Caulk	20% Chrysotile	1 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
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Room 103C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	141 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	4 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

Room 103D

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	135 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 103E

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	120 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 104

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	400 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
White Sink Undercoating	15% Chrysotile	1 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos undercoating is on a sink along the east end of the room.

Abated May 2009

* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 109 and 109A								
Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	139 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Room 110								
Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	117 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Room 111								
Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	720 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Room 113								
Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	720 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Room 115								
Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	181 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
Room 115A								
Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	196 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under the carpet.

* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 115B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	128 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under the carpet.
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Room 115C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	126 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under the carpet.
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Room 115D

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	96 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 115E

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	124 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under the carpet.
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Room 116

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	840 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	9 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

Room 116A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	840 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Red HVAC Duct Caulk	20% Chrysotile	26 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
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Room 117

Red HVAC Duct Caulk	20% Chrysotile	5 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
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Room 117B

Red HVAC Duct Caulk	20% Chrysotile	2 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
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Room 118

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	2,575 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 118A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	220 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	2 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

Room 118B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	283 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Red HVAC Duct Caulk	20% Chrysotile	3 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

Room 118C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	216 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	3 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

Room 120

Red HVAC Duct Caulk	20% Chrysotile	3 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
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Room 120B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	202 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 122

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	1,176 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 122A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	198 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
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Red HVAC Duct Caulk	20% Chrysotile	2 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

Hallway 188 (includes all hallways on 1st floor)

Red HVAC Duct Caulk	20% Chrysotile	79 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC ducts above the ceiling tile; they are in the hallway between rooms 110 to 122.
Encapsulant on Fiberglass Insulation	2-5% Chrysotile	7 ft	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	6	Refer to ACM Locations Map for further information.

Room 202A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	601 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	8 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
Encapsulant on Fiberglass Insulation	2-5% Chrysotile	4 ft	Friable TSI	Good	Physical Air Erosion Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	7	The asbestos encapsulant on fiberglass insulation is above the ceiling tile.

Room 202C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	106 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	4 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 202E

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	106 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	4 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.

Room 202F

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	572 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
Red HVAC Duct Caulk	20% Chrysotile	7 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
Encapsulant on Fiberglass Insulation	2-5% Chrysotile	4 ft	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	7	The asbestos encapsulant on fiberglass insulation is above the ceiling tile.

Room 207

White Sink Undercoating	15% Chrysotile	1 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos undercoating is on a sink along the south wall.
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Room 210A

Encapsulant on Fiberglass Insulation	2-5% Chrysotile	4 ft	Friable TSI	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	7	The asbestos encapsulant on fiberglass insulation is along the south wall.
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* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

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Room 213

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	168 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 216

Red HVAC Duct Caulk	20% Chrysotile	72 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile.
White Sink Undercoating	15% Chrysotile	1 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos undercoating is on a sink along the east wall.

Room 218A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218D

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 218E

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	204 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218F

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	195 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218G

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218H

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218J

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 218K

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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Room 229

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	114 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only.
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Room 231A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 231B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 231C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 231D

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 231E

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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Room 231F

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 233A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 233B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 233C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 233D

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 235A

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 235B

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 235C

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 235D

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 235E

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Room 235F

Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	61 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; they are under carpet.
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Hallway 288 (includes all hallways on the 2nd floor)

Red HVAC Duct Caulk	20% Chrysotile	187 ea	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile; refer to ACM Locations Map for further information.
Mastic for 12" Tan Marbled Floor Tile	5% Chrysotile	280 ft ²	Non-friable Miscellaneous	N/A*	N/A*		N/A*	The mastic for the 12" floor tile contains asbestos, only; it is in the north section of the hallway.

* = Non-Friable materials were not assessed

LEGEND TECHNICAL SERVICES, INC.
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)
MUSIC EDUCATION (A016)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Encapsulant on Fiberglass Insulation	2-5% Chrysotile	4 ft	Friable TSI	Good	Physical Air Erosion Vibration	■ □ □ ■ □ □ ■ □ □	7	The asbestos encapsulant on fiberglass insulation is above the ceiling tile; please refer to ACM Locations Map for further information.

Room 301 (included on 4th floor ACM Locations Diagram)

Red HVAC Duct Caulk	20% Chrysotile	27 ea	Non-friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos caulk is around the HVAC duct above the ceiling tile; refer to ACM Locations Map for further information.
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Attic (included on 4th floor ACM Locations Diagram)

Red HVAC Duct Caulk	20% Chrysotile	72 ea	Non-friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos caulk is around the HVAC duct throughout the attic space.
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Exterior

Window Glazing	5% Chrysotile	197 windows	Non-friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos glazing is on all of the exterior windows.
Window Caulk	5% Chrysotile	61 windows	Non-friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	Refer to Section 2.4 "survey Notes" for further information.

- 1) Damaged or Significantly Damaged TSI ACM
- 2) Damaged Friable Surfacing ACM
- 3) Significantly Damaged Friable Surfacing ACM
- 4) Damaged or Significantly Damaged Friable Miscellaneous ACM

- 5) ACM with Potential for Damage
- 6) ACM with Potential for Significant Damage
- 7) Any Remaining Friable ACM or Friable Suspected ACM

End

* = Non-Friable materials were not assessed