

NARRATIVE REPORT

1.0 BUILDING INFORMATION

E Morrow Lebedeff Hall was originally constructed in 1953; a 1994 addition extended the northeast entryway adding a handicap entrance. The building has had several renovations; notably, a 1975 renovation throughout the building.

E Morrow Lebedeff Hall is a three-story, 34,547 ft² building which primarily serves as office and classroom areas for social science personnel. Family Life Center (A083) is attached to the west side of E Morrow Lebedeff Hall and is reported separately.

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

The piping systems were insulated; fiberglass insulation (with and without hard fittings), aircell insulation (with hard fittings), millboard insulation (with hard fittings), and mag block insulation (with hard fittings) are located in the building. Steam enters the building in the northwest end of the tunnel; the steam lines are supplied by Family Life Center (A083). Domestic water enters the building via a tunnel into room 169. HVAC systems located in the building consisted of steam radiators and forced air furnaces with heating/cooling coils.

2.0 ASBESTOS SURVEY INFORMATION

E Morrow Lebedeff Hall was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 1" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 1" for methodologies, definitions, and other pertinent supporting information.

A total of 167 samples were collected from suspect asbestos-containing materials (ACM) from E Morrow Lebedeff Hall on August 9, 2007, an additional 22 samples were collected on March 19, 2008, and an additional 1 sample was collected on April 3, 2008. Laboratory analysis results indicate **73 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Joint Compound (8 types)	Gypsum Wallboard (8 types)
Building Seam Caulk	Sheet Vinyl Flooring
Floor Tile (7 types)	Floor tile Mastic (7 types)
Carpet Mastic (7 types)	Residual Mastic (2 types)
Floor Filler Material	Baseboard Adhesive (2 types)
Sink Undercoating (4 types)	Hard Plaster- Basecoat
Hard Plaster -Skimcoat	Vermiculite Plaster
Hard Plaster-Monocoat	Wall Patch Material (2 types)
Gray HVAC Duct Caulk	Ceiling Tile (4 types)
Hard Fitting on Aircell/Millboard Insulation	Aircell Pipe Insulation
Hard Pack on Aircell/Millboard Insulation	Millboard Pipe Insulation
Hard Fitting on Mag Block Insulation	Mag Block Pipe Insulation
Hard Fitting on Fiberglass Insulation	Hard Pack on Valve

Residual Glue Pucks
 Ceiling Texture
 Exterior Window/Door System Caulk
 Exterior Window Caulk (3 types)
 Exterior Air Vent Caulk
 Window Glazing

Wall Texture (7 types)
 Encapsulant on Fiberglass Insulation
 Exterior Door Caulk
 Exterior Window Glazing (2 types)
 Window Sill Material

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 **Asbestos Containing Materials**

Joint Compound (1 type)
 12" Beige Floor Tile and Mastic
 Unknown Gray Floor Tile and Mastic
 Residual Mastic (1 type)
 Black Sink Undercoating (3 types)
 Hard Plaster-Skimcoat
 Vermiculite Plaster
 Aircell Pipe Insulation
 Millboard Pipe Insulation
 Hard Fitting on Aircell/Millboard Insulation
 Hard Pack on Aircell/Millboard Insulation
 Mag Block Pipe Insulation
 Hard Fitting on Mag Block Insulation
 Hard Pack on Valve
 Residual Glue Pucks
 Grit Wall Texture
 Sandy Wall Texture
 Exterior Door Caulk
 Exterior Window/Door System Caulk
 Exterior Window Caulk (2 types)
 Mastic for 12" Tan Mottled Floor Tile
 Window Glazing
 Exterior Window Glazing (2 types)
 9" Floor Tile and Mastic (assumed)

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 E Morrow Lebedeff Hall as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Floor Tile and/or Mastic (all types)	12,222 ft ²	\$4.00/ft ²	\$48,888.00
Asbestos Sink Undercoating (all types)	6 ea	\$150.00/ea	\$900.00
Asbestos Wall Texture (all types)	1,446 ft ²	\$5.00/ft ²	\$7,230.00
Asbestos Hard Pack on Valve	1 ea	\$60.00/ea	\$60.00
Asbestos Hard Plaster- Skimcoat	35,417 ft ²	\$5.00/ft ²	\$177,085.00

Asbestos Joint Compound	20,267 ft ²	\$5.00/ft ²	\$101,335.00
Asbestos Millboard Pipe Insulation	10 ft	\$25.00/ft	\$250.00
Asbestos Hard Fitting on Aircell/Millboard Pipe Insulation	12 ea	\$60.00/ea	\$720.00
Asbestos Hard Pack on Aircell/Millboard Pipe Insulation	4 ea	\$60.00/ea	\$240.00
Asbestos Aircell Pipe Insulation	40 ft	\$25.00/ft	\$1,000.00
Asbestos Mag Block Pipe Insulation	36 ft	\$25.00/ft	\$900.00
Asbestos Hard Fitting on Mag Block Insulation	5 ea	\$25.00/ea	\$125.00
Asbestos Residual Glue Pucks	2 ft ²	\$50.00/ea	\$100.00
Asbestos Window Caulk (all types)	215 ea	\$125.00/ea	\$26,875.00
Asbestos Window Glazing (all types)	217 ea	\$225.00/ea	\$48,825.00
Asbestos Door Caulk	1 ea	\$125.00/ea	\$125.00
Total Estimated Abatement Costs:			\$414,658.00

2.4 Survey Notes

LEGEND collected samples of joint compound on gypsum wallboard throughout the building using available architectural drawings to define homogenous areas. LEGEND identified an extensive 1975 vintage and 7 limited newer vintages; each vintage of joint compound was sampled as an independent homogeneous area. A review of the results indicates the 1975 vintage contains asbestos. The 1975 vintage is throughout the 1st, 2nd, and 3rd floors; refer to the ACM Locations Diagrams for exact locations.

LEGEND collected samples of hard plaster throughout the building using available architectural drawings to define homogenous areas. LEGEND identified hard plasters with 1-coat (monocoat) and 2-coats (basecoat and skimcoat); each type of hard plaster was sampled as an independent homogeneous area. A review of the results indicates all hard plaster- skimcoat contains asbestos. The hard plaster- skimcoat is throughout the 1st, 2nd, and 3rd floors; refer to the ACM Locations Diagrams for exact locations. In addition, LEGEND identified and sampled a vermiculite plaster (ceilings) throughout the building; it contains asbestos.

LEGEND was able to visually quantify ACM aircell/millboard pipe insulations on domestic water pipes in the chases on the north ends of rooms 166, 173, and 266. Throughout the remainder of floors 1-3 multiple inaccessible ceilings and pipe chases prevented LEGEND from verifying the presence of possible additional aircell/millboard pipe insulations. LEGEND assumes additional quantities will be discovered during renovation or demolition activities on domestic water pipes. LEGEND recommends assuming an additional 250-500 feet of aircell/millboard pipe insulation and 50-100 hard fittings on aircell/millboard insulation on each of the 1st and 2nd floors and an additional 100-200 feet of aircell/millboard pipe insulation and 10-25 hard fittings on aircell/millboard insulation on each of the 3rd floor.

Using non-destructive sampling techniques, LEGEND pulled the carpet back in several corners (approx 6") of hallways 288 and 388. LEGEND noted residual mastic below the carpet mastic in hallway 288 by room 269; the residual mastic tested positive for asbestos. In all other locations, LEGEND identified the non-ACM carpet mastic installed directly over the concrete with no residual mastic present. LEGEND was unable to determine the extent of the material; LEGEND

recommends a destructive survey be conducted (when feasible) to verify the extent of the ACM residual mastic.

LEGEND collected samples of wall textures throughout the building. LEGEND identified light splatter wall texture, splatter wall texture, monocoat HP texture, grit wall texture, popcorn wall texture, sandy wall texture, and light wall texture; each type of wall texture was sampled as an independent homogeneous area. A review of the results indicates the grit wall texture and the sandy wall texture contain asbestos. The grit wall texture is on the east wall of room 351M only and the sandy wall texture is on the exterior walls of rooms 277C-277E, 277H, 283A-D, the north and west walls of room 277B, the south and west walls of 283E, and the south wall of room 283 by room 283G; refer to the ACM Locations Diagrams for exact locations.

LEGEND identified and sampled residual glue pucks in room 366; they were positive for asbestos. Architectural drawings from the 1975 renovation indicated gypsum wallboard was to be installed over existing hard plaster using adhesive (glue pucks) in several areas. All 1975 vintage gypsum wallboard was installed with ACM joint compound and is identified on the ACM Locations Diagrams. During future abatement projects, in any locations where the ACM joint compound is indicated, if abatement should reveal glue pucks behind the gypsum wallboard they should be removed as part of the abatement project.

Fire rated doors in this facility may contain asbestos fireproof materials in their core.

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 155 (including the hallway to the west of 155)

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	425 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	570 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the north and east walls of the main room and on the south, west, and parts of the north wall in the hallway.

Room 155A

Joint Compound	3% Chrysotile	298 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the west wall.
Black Sink Undercoating	10% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos black sink undercoating is along the north wall.

Room 155B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	133 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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Room 155C

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	1,157 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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Room 155D

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	1,124 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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* = Non-Friable materials were not assessed

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LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 155E

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	138 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	198 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north and west walls.

Room 155F

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	143 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	297 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.

Room 155G

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	88 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	279 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.

Room 155H

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	236 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	207 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north and east walls.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 155K

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	170 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	144 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the west and part of the south wall.

Room 155L

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	127 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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Room 160

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	34 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	162 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.

Room 160A

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	62 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	153 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south and east walls.

* = Non-Friable materials were not assessed

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LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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Room 166 (including the pipe chase in the north end of the room)

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	153 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Aircell Pipe Insulation	25% Chrysotile	19 ft	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The asbestos aircell pipe insulation is in the pipe chase north of room 166.
Hard Pack on Aircell/Millboard Insulation	70% Chrysotile	2 ea	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	None
Millboard Pipe Insulation	2% Chrysotile	10 ft.	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The asbestos millboard pipe insulation is in the pipe chase north of room 166.
Mag Block Pipe Insulation	3% Chrysotile 3% Amosite	11 ft	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The asbestos mag block pipe insulation is in the pipe chase north of room 166.

Room 169

Mag Block Pipe Insulation	3% Chrysotile 3% Amosite	25 ft	Friable Surfacing	Damaged	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		1	The asbestos mag block pipe insulation is in the middle of the room.
Hard Fittings on Mag Block Insulation	70% Chrysotile	5 fittings	Friable Surfacing	Damaged	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		1	None
Hard Pack on Valve	70% Chrysotile	1 ea	Friable Surfacing	Damaged	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		1	The asbestos hard pack is on a valve in the center of the room.

Room 170 and Room 171

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	836 ft ²	Friable Surfacing	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Joint Compound	3% Chrysotile	176 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on part of the south wall.
Hard Plaster- Skimcoat	3% Chrysotile	1,036 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls.

Room 173 (including the pipe chase in the north end of the room)

9" Floor Tile and Mastic	Assumed	59 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs.
Aircell Pipe Insulation	25% Chrysotile	7 ft	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The asbestos aircell pipe insulation is in the pipe chase north of room 173.
Hard Fittings on Aircell/Millboard Insulation	50% Chrysotile	5 fittings	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	None
Millboard Pipe Insulation	2% Chrysotile	7 ft.	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The asbestos millboard pipe insulation is in the pipe chase north of room 173.
Hard Pack on Aircell/Millboard Insulation	70% Chrysotile	2 ea	Friable Surfacing	Significantly Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The asbestos hard pack is on the aircell/millboard lines, around hangars.

Stairway 177S

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	154 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
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Stairway 177S1

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	145 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
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Stairway 177S2 (including entry 188A)

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	345 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Window Glazing	3% Chrysotile	2 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos glazing is on the windows by the entry doors to the stairway, on the north end of the stairway.

Room 178

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	304 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	520 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south, east, and west walls.

Room 178A

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	57 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Black Sink Undercoating	10% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos black sink undercoating is along the south wall.

* = Non-Friable materials were not assessed

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ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

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E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 178B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	115 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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Rom 178C

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	338 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	130 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the south wall.

Room 178D

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	170 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	390 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the north, south, and west walls.

Room 178E

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	159 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	363 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the north, south, and west walls.

* = Non-Friable materials were not assessed

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Room 178G

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	166 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	128 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□	N/A*	The asbestos joint compound is on the west wall and part of the north wall.
Hard Plaster-Skimcoat	3% Chrysotile	240 ft ²	Non-Friable Surfacing	N/A*	Vibration	■□□	N/A*	The asbestos skimcoat is on the south wall and part of the east wall.

Room 178H

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	136 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	300 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□	N/A*	The asbestos joint compound is on the north, east, south, and west walls.
Hard Plaster-Skimcoat	3% Chrysotile	200 ft ²	Non-Friable Surfacing	N/A*	Vibration	■□□	N/A*	The asbestos skimcoat is on the south wall and part of the west wall.

Room 178J

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	112 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	328 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□	N/A*	The asbestos joint compound is on the north, south, east, and west walls.
					Vibration	■□□		

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 183A

Hard Plaster-Skimcoat	3% Chrysotile	225 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat north wall and the ceiling (above ceiling tile).
Joint Compound	3% Chrysotile	92 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on part of the north wall.

Hallway 188 (including elevator lobby 188A)

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	1,410 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	720 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□	N/A*	Refer to ACM Locations Diagrams for exact locations.
Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	1,410 ft ²	Non-Friable Surfacing	N/A*	Vibration	■□□	N/A*	The mastic contains asbestos; the floor tile is negative.

Room 199M

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	211 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Hard Plaster-Skimcoat	3% Chrysotile	883 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and the ceiling.

Room 199W

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	150 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative. It is only in the entrance of the women's bathroom.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Hard Plaster- Skimcoat	3% Chrysotile	802 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and ceiling.
Restroom portion of ceiling abated May 2009								foyer

Room 255B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	243 ft ²	Friable Surfacing	Good	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	The asbestos vermiculite plaster (ceiling) is in the dean's main office.
Joint Compound	3% Chrysotile	33 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north wall in the small hallway.

Room 261

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	390 ft ²	Friable Surfacing	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	378 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south and east walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	1,410 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 261A

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	129 ft ²	Friable Surfacing	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	129 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 261B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	136 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	136 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 261C

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	105 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	105 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.
Joint Compound	3% Chrysotile	117 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the east wall.

Room 266

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	48 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Aircell Pipe Insulation	25% Chrysotile	14 ft	Friable Surfacing	Significantly Damaged	Physical Air Erosion Vibration	□■□ ■□□ ■□□	1	The asbestos aircell pipe insulation is in the pipe chase north of room 173.
Hard Fittings on Aircell/Millboard Insulation	25% Chrysotile	7 fittings	Friable Surfacing	Significantly Damaged	Physical Air Erosion Vibration	□■□ ■□□ ■□□	1	None

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 269

9" Floor Tile and Mastic	Assumed	265 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet.
Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	239 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile in the main room.
Hard Plaster-Skimcoat	3% Chrysotile	26 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the ceiling in the south end of the room.

Room 269A

9" Floor Tile and Mastic	Assumed	26 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet.
Hard Plaster-Skimcoat	3% Chrysotile	206 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and the ceiling.

Room 269B

9" Floor Tile and Mastic	Assumed	9 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet.
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Room 270 Abated March 2008

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	972 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	None
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 271

Hard Plaster-Skimcoat	3% Chrysotile	291 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is in the north end of the room, on the north, east, and west walls and the ceiling.
Joint Compound	3% Chrysotile	117 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the east, west, and south walls.
Black Sink Undercoating	10% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos black sink undercoating is along the south wall.

Removed Sep 2015

Room 277

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	277 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	648 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□	N/A*	The asbestos joint compound is on the north, south, east, and west walls.
					Vibration	■□□		
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	277 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Abated July 2014

Room 277A

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	64 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	288 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□	N/A*	The asbestos joint compound is on the north, south, east, and west walls.
					Vibration	■□□		
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	64 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Abated July 2014

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Black Sink Undercoating	10% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos black sink undercoating is along the south wall.

Room 277B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	145 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	216 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos sandy wall texture is on the north and west walls.
Joint Compound	3% Chrysotile	216 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south and east walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile Abated July 2014	145 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 277C

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	94 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	94 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos sandy wall texture is on the north wall.
Joint Compound	3% Chrysotile	287 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south, east, and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile Abated July 2014	94 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 277D

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	88 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	63 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos sandy wall texture is on the north and east walls.
Joint Compound	3% Chrysotile	63 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the south and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	88 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Abated July 2014

Room 277E

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	107 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	108 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos sandy wall texture is on the east wall.
Joint Compound	3% Chrysotile	306 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the north, south, and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	107 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Abated July 2014

Room 277F

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	134 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Sandy Wall Texture	3% Chrysotile	117 ft ²	Friable Surfacing	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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos sandy wall texture is on the east wall.
Joint Compound	3% Chrysotile	315 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile Abated July 2014	134 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 277G

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	257 ft ²	Friable Surfacing	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"/>	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	414 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	51 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The unknown gray floor tile and mastic under carpet contain asbestos and is in the north end of room 277G.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	206 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" beige floor tile and mastic under carpet contain asbestos and is in the south end of room 277G.

Stairway 277S

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	199 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Stairway 277S1

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	199 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
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Stairway 277S2

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	345 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	6	None
Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	345 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Joint Compound	3% Chrysotile	54 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the ceiling on the north end of the stairway.
Window Glazing	3% Chrysotile	3 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos glazing is on the windows between the doors on the north end of the room.

Room 283 (including the small hallways on the east and west ends of the room) and also 283L & M

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	482 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile and only in the certain areas of the room; please refer to ACM drawings.
Sandy Wall Texture	3% Chrysotile	113 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos sandy wall texture is on the south wall between rooms 283G and 283H.
Joint Compound	3% Chrysotile	897 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	Refer to ACM Locations Diagrams for exact locations.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	276 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" beige floor tile and mastic under carpet contain asbestos and runs from rooms 283A to 283E.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 283A

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	129 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	117 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos sandy wall texture is on the east wall.
Joint Compound	3% Chrysotile	315 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the north, south, and west walls.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	276 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 12" beige floor tile and mastic under carpet contain asbestos.

Room 283B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	138 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	189 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	□□■ □■□ ■□□	6	The asbestos sandy wall texture is on the east and south walls.
Joint Compound	3% Chrysotile	189 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	N/A*	The asbestos joint compound is on the north and west walls.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	138 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 12" beige floor tile and mastic under carpet contain asbestos.

Room 283C

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	148 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Sandy Wall Texture	3% Chrysotile	108 ft ²	Friable Surfacing	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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos sandy wall texture is on the south wall.
Joint Compound	3% Chrysotile	333 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	148 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" beige floor tile and mastic under carpet contain asbestos.

Room 283D

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	82 ft ²	Friable Surfacing	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"/>	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	99 ft ²	Friable Surfacing	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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos sandy wall texture is on the south wall.
Joint Compound	3% Chrysotile	316 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	82 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" beige floor tile and mastic under carpet contain asbestos.

Room 283E

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	82 ft ²	Friable Surfacing	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"/>	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Sandy Wall Texture	3% Chrysotile	162 ft ²	Friable Surfacing	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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6	The asbestos sandy wall texture is on the south and west walls.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Joint Compound	3% Chrysotile	162 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north and east walls.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	82 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" beige floor tile and mastic under carpet contain asbestos.

Room 283F

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	134 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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Room 283G

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	154 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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Room 283H

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	141 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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Room 283J

Joint Compound	3% Chrysotile	576 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, east, and west walls.
Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	65 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 283K

Joint Compound	3% Chrysotile	324 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, east, and west walls.
Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	140 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	86 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Black Sink Undercoating	10% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos black sink undercoating is along the east wall.

Hallway 288 (including elevator lobby 288A)

Vermiculite Plaster	3% Chrysotile	1,491 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	604 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	Refer to ACM Locations Diagrams for exact locations.

Room 288B

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	30 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Hard Plaster-Skimcoat	3% Chrysotile	228ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and the ceiling.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 299

Hard Plaster-Skimcoat	3% Chrysotile	206 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the ceiling and on the north, east, south, and west walls in the bathroom area.
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Room 299W

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	176 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Hard Plaster-Skimcoat	3% Chrysotile	671 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and the ceiling.
Joint Compound	3% Chrysotile	54 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on part of the east wall.

Room 351 (includes hallway on the west end of the room)

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	1,071 ft ²	Friable Surfacing	Good	Physical	■□□	5	Refer to ACM Locations Diagrams for exact locations.
Joint Compound	3% Chrysotile	463 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□	N/A*	Refer to ACM Locations Diagrams for exact locations.
9" Floor Tile and Mastic	Assumed	181 ft ²	Non-Friable Miscellaneous	N/A*	Vibration	■□□	N/A*	The 9" floor tile and mastic are assumed ACMs; they are under the carpet in the hallway area between rooms 351F to 360A.
Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	75 ft ²	Non-Friable Surfacing	N/A*			N/A*	The mastic contains asbestos; the floor tile is negative. They are in the west end of the hallway between rooms 360A and 351L.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	75 ft ²	Non-Friable Miscellaneous	N/A*			N/A*	The asbestos unknown gray floor tile and mastic are under the 12" Tan Mottled Floor Tile.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 351A

Mastic for 12" Tan Mottled Floor Tile Abated May 2010	3% Chrysotile	69 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Joint Compound	3% Chrysotile	463 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south wall.

Room 351B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	151 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	90 ft ²	Non-Friable Surfacing	N/A*	Air Erosion	■□□		
					Vibration	■□□		
					N/A*		N/A*	The asbestos joint compound is on the north wall and part of the west wall.

Room 351C

Joint Compound	3% Chrysotile	99 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north and east walls.
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Room 351D

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	175 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
9" Floor Tile and Mastic Abated May 2010	Assumed	175 ft ²	Non-Friable Miscellaneous	N/A*	Air Erosion	■□□		
					Vibration	■□□		
					N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; 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)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 351E Abated May 2010 Now Room 351D1 July 2010								
9" Floor Tile and Mastic	Assumed	24 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet.
Room 351F Now Room 351E July 2010								
Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	142 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
					Air Erosion	■□□		
					Vibration	■□□		
Room 351G Now Room 351F July 2010								
Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	148 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
					Air Erosion	■□□		
					Vibration	■□□		
9" Floor Tile and Mastic	Assumed	148 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet.
	Abated May 2010							
Room 351H Now Room 351G July 2010								
Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	143 ft ²	Friable Surfacing	Good	Physical	■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
					Air Erosion	■□□		
					Vibration	■□□		
9" Floor Tile and Mastic	Assumed	143 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet.
	Abated May 2010							
Room 351J Now Room 351H July 2010								
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	107 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.
	Abated May 2010							

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Hard Plaster- Skimcoat	3% Chrysotile	275 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the east and south walls and on the ceiling.
Joint Compound	3% Chrysotile	180 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north and west walls.

Room 351K Now Room 351J July 2010

Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	127 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.
	Abated May 2010							
Hard Plaster- Skimcoat	3% Chrysotile	90 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the south wall.
Joint Compound	3% Chrysotile	324 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.

Room 351L Now Room 351K July 2010

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	39 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
	Abated May 2010							
Joint Compound	3% Chrysotile	261 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, east, and west walls.
Hard Plaster- Skimcoat	3% Chrysotile	39 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the ceiling above the ceiling tile.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 351M Now Room 351L July 2010

9" Floor Tile and Mastic Abated May 2010	Assumed	83 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet in the west half of room 351M.
Joint Compound	3% Chrysotile	551 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, west, and part of the south walls.
Grit Wall Texture	3% Chrysotile	60 ft ²	Friable Surfacing	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	5	The asbestos grit wall texture is in the northeast corner of the room.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

Room 351N Now Room 351U1 July 2010

Mastic for 12" Tan Mottled Floor Tile Abated May 2010	3% Chrysotile	30 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Hard Plaster-Skimcoat	3% Chrysotile	148 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and the ceiling.

Room 360

Hard Plaster-Skimcoat	3% Chrysotile	425 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north wall and the ceiling.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	245 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 360A

Hard Plaster-Skimcoat	3% Chrysotile	87 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the ceiling above the ceiling tile.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Joint Compound	3% Chrysotile	333 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, east, and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	81 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The unknown gray floor tile and mastic contain asbestos and are under the 12" tan/mottled floor tile.
Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	87 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.

Room 360B

Hard Plaster- Skimcoat	3% Chrysotile	128 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the south wall and the ceiling.
Joint Compound	3% Chrysotile	225 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	65 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 360C

Hard Plaster- Skimcoat	3% Chrysotile	203 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the south wall and the ceiling.
Joint Compound	3% Chrysotile	261 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and west walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	104 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
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Room 360D

Hard Plaster-Skimcoat	3% Chrysotile	361 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the south and west walls and the ceiling.
Joint Compound	3% Chrysotile	216 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north and east walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	145 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 360E

Hard Plaster-Skimcoat	3% Chrysotile	321 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north and west walls and the ceiling.
Joint Compound	3% Chrysotile	198 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, east, and south walls.
Unknown Gray Floor Tile and Mastic	2-10% Chrysotile	123 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos unknown gray floor tile and mastic are under the carpet.

Room 361A

12" Beige Floor Tile and Mastic	2-10% Chrysotile	157 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.
Hard Plaster-Skimcoat	3% Chrysotile	274 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the west wall and the ceiling.
Joint Compound	3% Chrysotile	315 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, and east wall.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 361B

12" Beige Floor Tile and Mastic	2-10% Chrysotile	140 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.
Hard Plaster-Skimcoat	3% Chrysotile	356 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north and west walls and the ceiling.
Joint Compound	3% Chrysotile	216 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south and east walls.

Room 361C

12" Beige Floor Tile and Mastic	2-10% Chrysotile	196 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.
Hard Plaster-Skimcoat	3% Chrysotile	493 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north and east walls and the ceiling.
Joint Compound	3% Chrysotile	297 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south and west walls.

Room 362

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	199 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Hard Plaster-Skimcoat	3% Chrysotile	316 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the east wall and the ceiling.
Joint Compound	3% Chrysotile	297 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, and west walls.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 366

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	52 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Residual Glue Pucks	20% Chrysotile	2 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos glue pucks are on the east wall.

Room 369

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	151 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	151ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.
Joint Compound	3% Chrysotile	225 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the east and west walls.

Room 369B

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	76 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	76 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.
Joint Compound	3% Chrysotile	108 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the west wall.

Room 369C

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	76 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
12" Beige Floor Tile and Mastic	2-10% Chrysotile	76 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.
Joint Compound	3% Chrysotile	108 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the east wall.

Room 370

Vermiculite Plaster Abated July 2008	3% Chrysotile 0-5% Tremolite	846 ft ²	Friable Surfacing	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"/>	5	The asbestos vermiculite plaster (ceiling) is above ceiling tile on the west ¾ of the room.
Joint Compound Abated July 2008	3% Chrysotile	320 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	Refer to ACM Locations Diagram for exact locations.
Black Sink Undercoating Abated July 2008	10% Chrysotile	1 sink	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos sink undercoating is along the east wall.
Hard Plaster-Skimcoat	3% Chrysotile	431 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on part of the north, part of the east, and part of the south walls and on the east ¼ of the ceiling.

Room 371

Joint Compound	3% Chrysotile	99 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the south wall.
Hard Plaster-Skimcoat	3% Chrysotile	485 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skim is on the north, south (under gypsum wallboard), east, and west walls and on the ceiling.
12" Beige Floor Tile and Mastic	2-10% Chrysotile	107 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 372

Joint Compound	3% Chrysotile	135 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the west wall.
Hard Plaster- Skimcoat	3% Chrysotile	485 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, and east walls and on the ceiling.
9" Floor Tile and Mastic	Assumed	163 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic are assumed to be ACMs; they are under the carpet.

Abated July 2014

Room 377

Hard Plaster- Skimcoat	3% Chrysotile	1,721 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and on the ceiling.
Joint Compound	3% Chrysotile	36 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on part of the south wall.

Room 377A

Hard Plaster- Skimcoat	3% Chrysotile	745 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and on the ceiling.
Joint Compound	3% Chrysotile	78 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on part of the north and part of the south walls.

Stairway 377S

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	283 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	283 ft ²	Friable Surfacing	Good	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	None

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Stairway 377S1

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	283 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	283 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibration	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	None

Room 378

Hard Plaster-Skimcoat	3% Chrysotile	1,626 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and on the ceiling.
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Room 383

Hard Plaster-Skimcoat	3% Chrysotile	240 ft ² 130	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north wall (under gypsum wallboard) and on the ceiling.
Joint Compound	3% Chrysotile	216 ft ² 130	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north and west walls.

east half of the

Majority of ceiling abated Jan 2009

W wall abated Jan 2009

Room 383A

Hard Plaster-Skimcoat	3% Chrysotile	274 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north and east walls and the ceiling.
Joint Compound	3% Chrysotile	207 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north, south, and east walls.

Room 383B

Hard Plaster-Skimcoat	3% Chrysotile	328 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the south and east walls and the ceiling.
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* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Joint Compound	3% Chrysotile	72 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the north wall.
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Room 383C

Hard Plaster-Skimcoat	3% Chrysotile	220 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the south wall and the ceiling.
Joint Compound Abated Jan 2009	3% Chrysotile	99 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the west wall.

Room 384 Room # Cha to 383D May 2009

Hard Plaster-Skimcoat	3% Chrysotile	694 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north , south, and west walls and the ceiling. Portions abated Jan 2009
Joint Compound Abated Jan 2009	3% Chrysotile	216 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the east wall.
12" Beige Floor Tile and Mastic Abated Jan 2009	2-10% Chrysotile	275 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 12" Beige floor tile and mastic under carpet contain asbestos.

Hallway 388 (including elevator lobby 388A and the small hallway to rooms 361A-C)

Vermiculite Plaster	3% Chrysotile 0-5% Tremolite	1,254 ft ²	Friable Surfacing	Good	Physical <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Air Erosion <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		5	The asbestos vermiculite plaster (ceiling) is above ceiling tile.
Joint Compound	3% Chrysotile	1,260 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	Refer to the ACM Locations Diagrams for exact locations
Hard Plaster-Skimcoat	3% Chrysotile	577 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the west wall and part of the south wall and the ceiling in the west end of the main hallway area.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 399W

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	176 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Hard Plaster-Skimcoat	3% Chrysotile	671 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and the ceiling.
Joint Compound	3% Chrysotile	54 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on part of the east wall.

Room 399WA

Mastic for 12" Tan Mottled Floor Tile	3% Chrysotile	30 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile is negative.
Hard Plaster-Skimcoat	3% Chrysotile	228 ft ²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos skimcoat is on the north, south, east, and west walls and the ceiling.

Exterior

Window Glazing Abated May 2015	5% Chrysotile	212 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Refer to ACM Locations Diagrams for exact locations.
Window Caulk Abated May 2015	15% Chrysotile	209 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Refer to ACM Locations Diagrams for exact locations.
Door Caulk	15% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the entry doors to stairway 177S.
Window Caulk (on glass block) Abated May 2015	5% Chrysotile	6 windows	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Refer to the ACM Locations Diagrams for exact locations.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
 E MORROW LEBEDEFF HALL (BUILDING A007)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Window/Door System Caulk	15% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The asbestos caulk is around the entry window/door system to entryway 188A.

¹Assessment Categories:

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