

NARRATIVE REPORT

1.0 BUILDING INFORMATION

Churchill Hall was originally constructed in 1931; although specific information could not be located, small renovations, primarily in the basement, are evident.

Churchill Hall is a four-story, 46,707 ft² building which primarily serves as dormitory areas for students.

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

The piping systems were insulated; fiberglass insulation (with and without hard fittings) is located in the building and mag block insulation (with hard fittings) is located throughout the basement. Steam and domestic water enter the building in the room 58. HVAC systems located in the building consisted of steam radiators and forced air furnaces with heating/cooling coils.

2.0 ASBESTOS SURVEY INFORMATION

Churchill 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.

LEGEND was granted full access to Churchill Hall during the initial walk-through and sampling of the building. During subsequent walk-throughs of the building, for resampling and reporting purposes, LEGEND was granted access to the common areas and to 2-4 dormitory rooms per floor, only.

A total of 96 samples were collected from suspect asbestos-containing materials (ACM) from Churchill Hall on May 18, 2007, an additional 19 samples were collected on March 20, 2008, and an additional 2 samples were collected on April 9, 2008. Laboratory analysis results indicate **24 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Joint Compound (2 types)	Gypsum Wallboard (2 types)
Ceiling Texture (2 types)	Sink Undercoating (2 types)
Window Caulking	Wall Texture
Penetration Putty (2 types)	Baseboard Adhesive
Floor Tile (13 types)	Floor Tile Mastic (13 types)
Linoleum	Underlayment Paper for Linoleum
Wall Patch Material	Carpet Mastic (8 types)
Ceiling Tile (8 types)	Hard Plaster- Basecoat (2 types)
Hard Plaster- Skimcoat	Mag Block Pipe Insulation
Hard Fittings on Mag Block Insulation	Hard Fitting on Fiberglass Insulation
Hard Pack on Fiberglass Insulation	Tank Insulation

Encapsulant on Fiberglass Insulation
Exterior Building Seam Caulk
Exterior Door Caulk

Exterior Air Vent Caulk
Exterior Window Caulk

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 **Asbestos Containing Materials**

Black Sink Undercoating
2'x2' Transite Ceiling Tile
12" Red Floor Tile with White Streaks and Mastic
Mastic for 12" Brown Floor Tile with Dark Brown
Mastic for 12" Brown/White/Gray Mottled Floor Tile
12" Black Floor Tile
12" Red Floor Tile
1'x2' Black Edging Floor Tile
12" Tan Floor Tile with Gray and Mastic
Mastic for 12" Cream Floor Tile
Mag Block Pipe Insulation
Hard Fittings on Mag Block Insulation
Exterior Air Vent Caulk
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 Churchill Hall as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Floor Tile and/or Mastic	19,720 ft ²	\$4.00/ ft ²	\$78,880.00
Asbestos Sink Undercoating	1 ea	\$150.00/ ea	\$150.00
Asbestos Ceiling Tile	1,440 ft	\$5.00/ ft ²	\$7,200.00
Asbestos Mag Block Pipe Insulation	811 ft	\$25.00/ ft	\$20,275.00
Asbestos Hard Fitting on Mag Block Insulation	89 ea	\$25.00/ ea	\$2,225.00
Asbestos Air Vent Caulk	4 ea	\$125.00/ ea	\$500.00
Total Estimated Abatement Costs:			\$109,230.00

2.4 **Survey Notes**

During LEGENDS initial walk through of the building on May 18, 2007 a sample of carpet mastic was collected from room 3 by the west door on the south wall (sample #74); the sample tested positive for asbestos. In addition, LEGEND identified ACM floor tile mastic throughout the basement hallway. On March 20, 2008 LEGEND collected an additional sample of carpet mastic from room 3 at a farther distance from the doorway (sample #100); the sample tested negative for asbestos. LEGEND assumes sample #74 was contaminated due to its proximity to the ACM

floor tile mastic in the hallway; based on the result of sample #100, LEGEND considers the carpet mastic in room 3 to be a non-ACM.

LEGEND identified ACM exterior air vent caulk on exhaust fans on the south and east sides of the building (sample #96). LEGEND noted approximately 7 exhaust fans on the basement level, only 4 of the exhaust fans had the ACM exterior air vent caulk. Refer to the ACM Locations Diagrams for exact locations of those 4 exhaust fans.

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 1 Abated June 2016

Mag Block Pipe Insulation	25% Chrysotile	10 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the north wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the north wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	104 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 2 Abated June 2016

Mag Block Pipe Insulation	25% Chrysotile	18 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the north wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the north wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 3 Abated June 2016 Split into Rooms 3 and 4 January 2017

Mag Block Pipe Insulation	25% Chrysotile	30 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the north wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	4 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the north wall.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 5 Abated June 2016

Mag Block Pipe Insulation	25% Chrysotile	30 ft	Friable TSI	Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The majority of the mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the north wall and east walls.
Hard Fittings on Mag Block Insulation	25% Chrysotile	5 fittings	Friable TSI	Damaged	Physical <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Air Erosion <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> Vibration <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		1	The hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the north wall and east wall.
9" Floor Tile and Mastic	Assumed	280 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to contain asbestos.

Room 6 Abated June 2016

Mag Block Pipe Insulation	25% Chrysotile	40 ft	Friable TSI	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 mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the east and south walls.
Hard Fittings on Mag Block Insulation	25% Chrysotile	4 fittings	Friable TSI	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 hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the east and south walls.
9" Floor Tile and Mastic	Assumed	300 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to contain asbestos.

Room 7 Abated June 2016 Part of 99M1 January 2017

Mag Block Pipe Insulation	25% Chrysotile	30 ft	Friable TSI	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 mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the east wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	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 hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the east wall.
9" Floor Tile and Mastic	Assumed	230 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to contain asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 9 Room 8 and 9 abated June 2016 Room 34 January 2017

Mag Block Pipe Insulation	25% Chrysotile	10 ft	Friable TSI	Good	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located along the south wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	1 fitting	Friable TSI	Good	Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The hard fittings on mag block insulation are on pipe runs located along the south wall.
Mastic for 12" Cream Floor Tile	5% Chrysotile	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 10 Abated June 2016 Room 8 January 2017

Mag Block Pipe Insulation	25% Chrysotile	40 ft	Friable TSI	Good	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located in the center of the room and inside the 2' x 4' soffit.
Hard Fittings on Mag Block Insulation	25% Chrysotile	5 fittings	Friable TSI	Good	Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The hard fittings on mag block insulation are on pipe runs located in the center of the room and inside the 2' x 4' soffit.
9" Floor Tile and Mastic	Assumed	260ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 9" floor tile and mastic were assumed to contain asbestos.

Room 11 Abated June 2016 Rooms 9 and 38 January 2017

Mag Block Pipe Insulation	25% Chrysotile	23 ft	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located in the center of the room and inside the 2' x 4' soffit.
Hard Fittings on Mag Block Insulation	25% Chrysotile	6 fittings	Friable TSI	Good	Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The hard fittings on mag block insulation are on pipe runs located in the center of the room and inside the 2' x 4' soffit.
9" Floor Tile and Mastic	Assumed	200ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 9" floor tile and mastic were assumed to contain asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 12 Abated June 2016 Room 10 January 2017

Mag Block Pipe Insulation	25% Chrysotile	23 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the south wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the south wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	252 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 13 Abated June 2016 Room 11 January 2017

Mag Block Pipe Insulation	25% Chrysotile	23 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the south wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the south wall.
9" Floor Tile and Mastic	Assumed	266 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to contain asbestos.

Room 14 Abated June 2016

Mag Block Pipe Insulation	25% Chrysotile	16 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the west wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are encased in the 2' x 4' soffit along the west wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	196 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 15 Abated June 2016

Mag Block Pipe Insulation	25% Chrysotile	16 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the west wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are encased in the 2' x 4' soffit along the west wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	196 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 16 Abated June 2016

Mag Block Pipe Insulation	25% Chrysotile	16 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the west wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	2 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are encased in the 2' x 4' soffit along the west wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	196 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 17 Abated January 2017

Mag Block Pipe Insulation	25% Chrysotile	55 ft	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the north and west walls.
Hard Fittings on Mag Block Insulation	25% Chrysotile	6 fittings	Friable TSI	Good	Physical Air Erosion Vibration	■□□ ■□□ ■□□	5	The hard fittings on mag block insulation are encased in the 2' x 4' soffit along the north and west walls.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	540 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic is underneath the carpet. The mastic contains asbestos; the floor tile tested negative for asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 17A Part of Room 17 January 2017 Abated January 2017

Mag Block Pipe Insulation	25% Chrysotile	5 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located in the middle of the room extending above the door.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	25 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 21 Rooms 20 and 22 January 2017 Abated January 2017

Mag Block Pipe Insulation	25% Chrysotile	30 ft	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the north wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	4 fittings	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The hard fittings on mag block insulation are encased in the 2' x 4' soffit along the north wall.

Room 43 Part of 99M1 January 2017 Abated January 2017

9" Floor Tile and Mastic	Assumed	16 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 9" floor tile and mastic were assumed to contain asbestos.
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Room 45 Room 36 January 2017 Abated January 2017

Mag Block Pipe Insulation	25% Chrysotile	70 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located throughout the room.
Hard Fittings on Mag Block Insulation	25% Chrysotile	15 fittings	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The Hard Fittings on Mag Block Insulation are located throughout the room.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	282 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. The floor tile is also included in the bathroom.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 46 Abated January 2017 Room 42 January 2017

Mag Block Pipe Insulation	25% Chrysotile	45 ft	Friable TSI	Good	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located along the south wall in the room.
Hard Fittings on Mag Block Insulation	25% Chrysotile	10 fittings	Friable TSI	Good	Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The Hard Fittings on Mag Block Insulation are located along the south wall in the room.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	450 ft ²	Non-Friable Miscellaneous	N/A*	Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	N/A*	Only the mastic contains asbestos. The floor tile is a replacement type mixed with 12" Tan Modeled FT located towards the south wall.

Room 47 Abated January 2017 Split into Rooms 26 and 28 January 2017

Mag Block Pipe Insulation	25% Chrysotile	30 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	1	The mag block pipe Insulation is on pipe runs located along the north wall in the room.
Hard Fittings on Mag Block Insulation	25% Chrysotile	4 fittings	Friable TSI	Damaged	Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1	The hard fittings on mag block insulation are encased in the 2' x 4' soffit along the north wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	330 ft ²	Non-Friable Miscellaneous	N/A*	Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

Room 48 Abated January 2017 Now Rooms 24A and 77E January 2017

Mag Block Pipe Insulation	25% Chrysotile	60 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	1	The mag block pipe Insulation is on pipe runs located along the north wall extending under the stairway and in the center of the room.
Hard Fittings on Mag Block Insulation	25% Chrysotile	10 fittings	Friable TSI	Damaged	Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	1	The hard fittings are on pipe runs located along the north wall extending under the stairway and in the center of the room.
					Vibration	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 49 Abated January 2017 Part of Room 44 January 2017								
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	330 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.
Room 50 Abated January 2017 Part of Room 22 January 2017								
Mag Block Pipe Insulation	25% Chrysotile	45 ft	Friable TSI	Damaged	Physical <input type="checkbox"/> <input checked="" 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"/>		1	The mag block pipe Insulation is on pipe runs located along the north and east walls in the room.
Hard Fittings on Mag Block Insulation	25% Chrysotile	6 fittings	Friable TSI	Damaged	Physical <input type="checkbox"/> <input checked="" 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"/>		1	The Hard Fittings on Mag Block Insulation are located along the north and east walls in the room.
Mastic for 12" Cream Floor Tile	5% Chrysotile	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.
Room 51 Abated January 2017 Room 99M2 and 99M3 January 2017								
12" Red Floor Tile with White Streaks and Mastic	2% Chrysotile	490 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile is located beneath the carpet. The floor tile and mastic both contain asbestos.
Room 54 Abated June 2016 Split between 52 and 88B January 2017								
Mag Block Pipe Insulation	25% Chrysotile	20 ft	Friable TSI	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 mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the west wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	4 fittings	Friable TSI	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 hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the west wall.
Black Sink Undercoating	8% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The sink is along the northwest wall in this room.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 55 Abated June 2016 Part of Room 52 January 2017								
Mag Block Pipe Insulation	25% Chrysotile	6 ft	Friable TSI	Significantly Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	1	The mag block pipe Insulation is on pipe runs located along the west wall in the room.
					Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 57 Now Room 77S2 Abated June 2016								
Mag Block Pipe Insulation	25% Chrysotile	10 ft	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located above the hard plaster ceiling.
					Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Hard Fittings on Mag Block Insulation	25% Chrysotile	4 fittings	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The hard fittings on mag block insulation are on pipe runs located above the hard plaster ceiling.
					Air Erosion	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 57A Now Room 13 Abated June 2016								
Mag Block Pipe Insulation	25% Chrysotile	20 ft	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located above the hard plaster ceiling.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Hard Fittings on Mag Block Insulation	25% Chrysotile	3 fittings	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The hard fittings on mag block insulation are on pipe runs located above the hard plaster ceiling.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 88 (Basement Hallway)								
Mag Block Pipe Insulation	25% Chrysotile	12 ft	Friable TSI	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located on the ceiling outside room #10.
	Abated June 2016				Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Hard Fittings on Mag Block Insulation	25% Chrysotile	4 fittings	Friable TSI	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	5	The hard fittings on mag block insulation are on pipe runs located on the ceiling outside room #10.
	Abated June 2016				Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	1,700 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. The floor tile in the west corridor tested negative for asbestos.
	Abated east and west ends of hall, June 2016							

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 99 North Now Room 07 Abated June 2016								
Mag Block Pipe Insulation	25% Chrysotile	32 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The mag block pipe Insulation is on pipe runs located along the north and east walls. Some pipe insulation may be present in the soffit.
Hard Fittings on Mag Block Insulation	25% Chrysotile	3 fittings	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	1	The hard fittings on mag block insulation are on pipe runs located along the north and east walls.
9" Floor Tile and Mastic	Assumed	350 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 9" floor tile and mastic were assumed to contain asbestos.
Room 99M South Now Room 34 Abated June 2016								
Mag Block Pipe Insulation	25% Chrysotile	10 ft	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs located above the ceiling tile in the northeast corner of the room.
Hard Fittings on Mag Block Insulation	25% Chrysotile	5 fittings	Friable TSI	Damaged	Physical	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	5	The Hard Fittings on Mag Block Insulation are located above the ceiling tile in the northeast corner of the room.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	110 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.
Room 99M1 Abated June 2016 Split between 99M3 and 12 January 2017								
Mag Block Pipe Insulation	25% Chrysotile	36 ft	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The mag block pipe Insulation is on pipe runs encased in the 2' x 4' soffit along the east wall.
Hard Fittings on Mag Block Insulation	25% Chrysotile	6 fittings	Friable TSI	Good	Physical	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5	The hard fittings on mag block insulation are on pipe runs encased in the 2' x 4' soffit along the east wall.
Mastic for 12" Brown/White/Gray Mottled Floor	5-10% Chrysotile	260 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 101	Now Room 128 January 2017		Abated January 2017					
Mastic for 12" Brown/White/Gray Mottled Floor Tile	5-10% Chrysotile	184 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The bathroom also has the same type of floor tile. The mastic contains asbestos; the floor tile tested negative for asbestos.
Room 104	Now Rooms 138A and 138B January 2017		Abated January 2017					
12" Red FT, 12" Black FT, and 1'x2' Black Edging FT	5-8% Chrysotile	84 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 3 types of floor tile contain asbestos (checkered pattern); the mastic is negative. They are under the carpet.
Room 104B1	Now Room 138 January 2017		Abated January 2017					
12" Red FT, 12" Black FT, and 1'x2' Black Edging FT	5-8% Chrysotile	84 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 3 types of floor tile contain asbestos (checkered pattern); the mastic is negative. They are under the carpet.
Room 105	Now Room 102 January 2017		Abated January 2017					
12" Red Floor Tile with White Streaks and Mastic	2% Chrysotile	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The bathroom also has the same type of floor tile. The floor tile and mastic both contain asbestos.
Room 106	Now Room 103 January 2017		Abated January 2017					
12" Red Floor Tile with White Streaks and Mastic	2% Chrysotile	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The bathroom also has the same type of floor tile. The floor tile and mastic both contain asbestos.
Room 113 (Bathrooms)	Now Room 111 January 2017		Abated January 2017					
Mastic for 12" Brown/White/Gray Mottled Floor Tile	5-10% Chrysotile	48 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The flooring is located only in the two bathrooms. The mastic contains asbestos; the floor tile tested negative for asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 115 Now Room 146 January 2017 Abated January 2017								
12" Red Floor Tile with White Streaks and Mastic	2% Chrysotile	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The bathroom also has the same type of floor tile. The floor tile and mastic both contain asbestos.
Room 118 (Bathroom) Now Room 113 January 2017 Abated January 2017								
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 129 Now Room 117 January 2017 Abated January 2017								
12" Red Floor Tile with White Streaks and Mastic	2% Chrysotile	195 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contains asbestos.
12" Tan Floor Tile with Gray and Mastic	2% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contains asbestos. This flooring is in the bathroom.
Room 142 (Bathroom) Now Room 153 Now Room 110 January 2017 Abated January 2017								
2'x2' Transite Ceiling Tile	15% Chrysotile	35 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 188 (1st Floor Hallway)								
12" Red FT, 12" Black FT, and 1'x2" Black Edging FT	5-8% Chrysotile	2,100 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 3 types of floor tile contain asbestos (checkered pattern); the mastic is negative.
Room 188C Now 177S1 January 2017 Abated January 2017								
12" Red FT, 12" Black FT, and 1'x2" Black Edging FT	5-8% Chrysotile	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 3 types of floor tile contain asbestos (checkered pattern); the mastic is negative.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 188E Now 177S2 January 2017 Abated January 2017								
12" Red FT, 12" Black FT, and 1'x2' Black Edging FT	5-8% Chrysotile	40 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 3 types of floor tile contain asbestos (checked pattern); the mastic is negative.
Room 199M Now 199M and 199M1 January 2017 Abated January 2017								
2'x2' Transite Ceiling Tile	15% Chrysotile	252 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 199M1 Now 199M1 January 2017 Abated January 2017								
2'x2' Transite Ceiling Tile	15% Chrysotile	224 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 201 (Bathroom) Now 234A and 277E January 2017 Abated January 2017								
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 202 (Bathroom) Now 234 and 232 January 2017 Abated January 2017								
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 206 (Bathroom) Now 202 January 2017 Abated January 2017								
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 207 (Bathroom) Now 203 January 2017 Abated January 2017								
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 209 (Bathroom) Now 205 January 2017 Abated January 2017								
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 210 Now 206 January 2017 Abated January 2017								
Mastic for 12" Brown/White/Gray Mottled Floor Tile	5-10% Chrysotile	200 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	24 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	This floor tile is located in the bathroom only. The mastic contains asbestos; the floor tile tested negative for asbestos.
Room 214 (Bathroom) Abated January 2017								
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and the floor tile mastic contain asbestos. This flooring is in the bathroom.
Room 215 Now 209 January 2017 Abated January 2017								
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	177 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is throughout the room, including the bathroom.
Room 216 Now 210 January 2017 Abated January 2017								
Mastic for 12" Brown/White/Gray Mottled Floor Tile	5-10% Chrysotile	154 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	25 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
		Abated January 2017						
Room 218	Now 212 January 2017		Abated January 2017					
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	162 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is throughout the room, including the bathroom.
Room 219	Now 288C January 2017		Abated January 2017					
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 222	Now 244 January 2017		Abated January 2017					
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	160 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is throughout the room, including the bathroom.
Room 224	Now 217 January 2017		Abated January 2017					
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 225	Now 229 January 2017		Abated January 2017					
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom..

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 228	Now 226 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 230	Now 224 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 232	Now 223 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	28 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 233	Now 219 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	6 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the south closet.
Room 234	Now 222 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	20 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the bathroom.
Room 235	Now 220 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	6 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is in the north closet.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 243	No 243 January 2017		Abated January 2017					
12" Red Floor Tile with White Streaks and Mastic	2% Chrysotile	12 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos.
Room 288 (2nd Floor Hallway)	Abated January 2017							
12" Red FT, 12" Black FT, and 1'x2' Black Edging FT	5-8% Chrysotile	2,500 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The 3 types of floor tile contain asbestos (checkered pattern); the mastic is negative.
Room 299M	Now 240 and 299M1 January 2017		Abated January 2017					
2'x2' Transite Ceiling Tile	15% Chrysotile	225 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 299M1	Now 299M2 and 299M3 January 2017		Abated January 2017					
2'x2' Transite Ceiling Tile	15% Chrysotile	225 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Room 301	Now 334A and 377E January 2017		Abated January 2017					
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	This floor tile is also located in the bathroom. Both the floor tile and the floor tile mastic contain asbestos.
Room 302	Now 334 and 332 January 2017		Abated January 2017					
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 303	Now 316 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 304	Now 301 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 305	Now 315 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 306	Now 302 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 307	Now 303 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 309	Now 305 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 310	Now 306 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	28 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 311	Now 307 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	18 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 314	Abated January 2017							
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 315	Now 309 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	24 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 316	Now 310 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	28 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 317	Now 311 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	28 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 318	Now 312 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	24 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 319	Now 388C January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 320	Now 313 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 321	Now 331 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 322	Now 317 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 323	Now 330 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSES. CAT. ¹	NOTES
Room 324	No 324 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 326	Now 328 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 327	Abated January 2017							
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 328	Now 326 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 329	Now 325 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is throughout the room, including the bathroom.
Room 330	Now 324 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is throughout the room, including the bathroom.

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
Room 332	Now 323 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 333	Now 319 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	17 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	Both the floor tile and mastic contain asbestos. This flooring is in the bathroom.
Room 334	Now 322 January 2017	Abated January 2017						
Mastic for 12" Brown Floor Tile with Dark Brown	10% Chrysotile	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The mastic contains asbestos; the floor tile tested negative for asbestos. This flooring is throughout the room, including the bathroom.
Room 335	Now 320 January 2017	Abated January 2017						
12" Tan with Gray Floor Tile and Mastic	2-5% Chrysotile	6 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	This floor tile is located in the north closet. Both the floor tile and the floor tile mastic contain asbestos.
Room 343	No 343 January 2017	Abated January 2017						
12" Red Floor Tile with White Streaks and Mastic.	2% Chrysotile	12 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic both contain asbestos.
Room 399M	Now 340 and 399M1 January 2017	Abated January 2017						
2'x2' Transite Ceiling Tile	15% Chrysotile	225 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

* = Non-Friable materials were not assessed

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

LEGEND No. 0700048 (NDSU)
CHURCHILL HALL (BUILDING A008)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. ¹	NOTES
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Room 399M1 Now 399M3 January 2017 Abated January 2017

2'x2' Transite Ceiling Tile	15% Chrysotile	225 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

Room 399M1A Now 346 January 2017 Abated January 2017

2'x2' Transite Ceiling Tile	15% Chrysotile	30 ft ²	Friable Miscellaneous	Good	Physical	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	6	None.
					Air Erosion	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
					Vibration	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

Room 388 (3rd Floor Hallway) Abated January 2017

12" Red FT, 12" Black FT, and 1'x2' Black Edging FT	5-8% Chrysotile	2,700 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The 3 types of floor tile contain asbestos (checkered pattern); the mastic is negative.
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Exterior Abated January 2017

Air Vent Caulk	2% Chrysotile	4 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	N/A*	The ACM caulk is on the exhaust fans located on the exterior windows of rooms 51, 99M, and 99M1.
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¹ Assessment 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