NARRATIVE REPORT

1.0 **BUILDING INFORMATION**

Ceres Hall was originally constructed in 1910; a 1952 addition extended the 1^{st} floor, adding a center section. The building has had complete renovations to the 1^{st} and 2^{nd} floors, a renovation to the west side of the 3^{rd} floor, and some renovations to the 4^{th} floor.

Ceres Hall is a five-story, 58,223 ft² building which primarily serves as office areas for administrative personnel.

The interior floor finishes included floor tile, carpet, epoxy flooring, ceramic tile, wood, sheet vinyl flooring, and concrete; the interior wall finishes included gypsum wallboard, concrete, concrete block, wood, and plaster; and the interior ceiling finishes included ceiling tile, plaster, gypsum wallboard, wood, and concrete. 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 (both with and without hard fittings), millboard insulation (with hard fittings), aircell insulation (with hard fittings), and mag block insulation (with hard fittings) are located in the building, primarily in the basement. Steam and domestic water appear to enter the building in room 6. An abandoned tank is located in room 13 with hard insulation. HVAC systems located in the building consisted of steam radiators and forced air furnaces with variable air volume boxes equipped with heating/cooling coils in recently remodeled areas of the building.

2.0 **ASBESTOS SURVEY INFORMATION**

Ceres 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 294 samples were collected from suspect asbestos-containing materials (ACM) from Ceres Hall on April 25, 2007, an additional 37 samples were collected on June 13, 2007, an additional 11 samples were collected on November 15, 2007, and an additional 4 samples were collected on November 21, 2007. Laboratory analysis results indicate 64 of these samples tested positive for asbestos.

2.1 Suspect Materials Identified and Sampled

Rock Lattice (2 types)
Gypsum Wallboard (14 types)

Millboard Pipe Insulation (2 types)

Tank Insulation

Hard Fittings on Fiberglass Insulation

Mag Block Pipe Insulation Carpet Mastic (9 types) Aircell Insulation Wall Texture (7 types) HVAC Duct Caulk (3 types) Floor Patch Material Hard Plaster- Monocoat (2 types)

Joint Compound (14 types)

Hard Fittings on Millboard Insulation

Wall Patch Material (2 types)

Fiberboard

Hard Fittings on Mag Block Insulation

Baseboard Adhesive (6 types) Hard Fittings on Aircell Insulation

Ceiling Tile (8 types)

Sheet Vinyl Flooring (5 types) Glue Puck (for 12" ceiling tile) Sheet Vinyl Adhesive/Felt

Hard Plaster- Basecoat (6 types)

Sink Undercoating (10 types)

Ceiling Texture (6 types)

Floor Tile Mastic (8 types)

Stair Tread Adhesive

Seam Coat on Pipe Insulation

Roof Tar Paper (under cedar shingle)

Roof Flashing (on 1952 addition)

Asphalt Shingle (2 types) (on 1952 addition)

Asphalt Siding

Carpet Adhesive/Felt (2 types)

Window Glazing on Doors (2 types)

Floor Filler (5 types)

Hard Plaster- Skimcoat (6 types)

Firestop

Floor Tile (9 types)

Stair Tread

White Paper on Duct

Exterior Window Glazing (2 types)

Tar Flashing on Gutters

Roof Tar Paper (on 1952 addition)

Exterior Door Caulk Asphalt Siding Felt

Sheet Vinyl Flooring Adhesive

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 Asbestos Containing Materials

Hard Fittings on Millboard Insulation

Tank Insulation (room 13)

Hard Fittings on Fiberglass Insulation

Mag Block Pipe Insulation

Hard Fittings on Mag Block Insulation

Aircell Pipe Insulation

Hard Fittings on Aircell Insulation

Joint Compound (1952 addition and 208/209/299 area)

Gray Sink Undercoating (3 types)

Black Sink Undercoating

White Sink Undercoating

Light Splatter Wall Texture

12" White Floor Tile w/ Brown Streaks and Mastic

Grit Wall Texture (2 types)

12" Floor Tile and Mastic (2 types in room 208)

Popcorn Ceiling Texture

White Paper on Duct

Gypsum Wallboard (401/402 area)

Exterior Window Glazing (2 types)

Tar Flashing on Gutters

Window Glazing on Door (room 177S east door)

9" Floor Tile (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 Ceres Hall as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Hard Fittings on Millboard Insulation	46 ea	\$60.00/ea	\$2,760.00
Asbestos Hard Fittings on Fiberglass Insulation	17 ea	\$60.00/ea	\$1,020.00
Asbestos Aircell Pipe Insulation	12 ft	\$25.00/ft	\$300.00
Asbestos Hard Fittings on Aircell Insulation	2 ea	\$60.00/ea	\$120.00
Asbestos Mag Block Pipe Insulation	90 ft	\$25.00/ft	\$2,250.00
Asbestos Hard Fittings on Mag Block Pipe Insulation	9 ea	\$60.00/ea	\$540.00
Asbestos Tank Insulation	80 ft ²	\$40.00/ ft ²	\$3,200.00
Asbestos Floor Tile and Mastic	6,532 ft ²	\$4.00/ ft ²	\$26,128.00
Asbestos Joint Compound	1,757 ft ²	\$5.00/ ft ²	\$8,785.00
Asbestos Sink Undercoating	5 ea	\$150.00/ea	\$750.00
Asbestos Wall Texture	20,788 ft ²	\$5.00/ ft ²	\$103,940.00
Asbestos Window Glazing on Door	1 ea	\$225.00/ea	\$225.00
Asbestos Ceiling Texture	8,413 ft ²	\$7.50/ ft ²	\$63,097.00
Asbestos Assumed 9" Floor Tile and Mastic	9,390 ft ²	\$4.00/ ft ²	\$37,560.00
Asbestos Gypsum Wallboard	3,360 ft ²	\$5.00/ ft ²	\$16,800.00
Asbestos White Paper on Duct	342 ft ²	\$10.00/ ft ²	\$3,420.00
Asbestos Exterior Window Glazing	226 ea	\$225.00/ea	\$50,850.00
Asbestos Tar Flashing on Gutters	251 ft	\$25.00/ft	\$6,275.00
Total Estimated Abater	ment Costs:		\$328,020.00

2.4 Survey Notes

LEGEND collected numerous samples of hard plaster skim and basecoats throughout Ceres Hall. Sample #205, a hard plaster basecoat collected from 288C by room 212P, tested positive for asbestos. The sample was collected adjacent to a pipe penetration through the wall. An additional set of hard plaster skim and basecoats was collected from the same wall at a greater distance from the pipe penetration, samples #301 and 302. These samples tested negative for asbestos. LEGEND considers the positive results of sample #205 to be a false positive.

In addition, sample #226, a hard plaster basecoat from room 330 tested positive for asbestos. A review of data from LEGEND's testing throughout the third floor and prior testing conducted throughout the third floor (provided to LEGEND by NDSU) indicated sporadic positive hard plaster throughout this area. LEGEND recommends assuming all hard plaster in this area to be asbestos containing until proven negative. Additional testing of the hard plaster skim and basecoats on a room-by-room basis prior to renovation could be used to prove individual rooms negative.

Review of the data for 1st and 2nd floors indicate renovation activities have applied grit wall texture over hard plaster and gypsum wallboard systems. LEGEND observed a gypsum wallboard wall with wallpaper that was applied over the grit wall texture in room 204D. Due to the hidden nature of the asbestos grit wall texture, the potential exists for additional areas of hidden grit wall texture. Therefore LEGEND recommends assuming all of the following rooms without grit wall texture: 118, 118A-D, 124B, 201, 202A-H, 204A-D, 205A-D, 211A-D, 212C, and 212G-Q may have hidden wall systems with grit wall texture behind. Prior to renovation activities that will impact these wall systems, they should be inspected on a room by room basis.

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD	ASSESS. CAT. ¹	NOTES
Room 2 Abated S	ummer 2008							
Hard Fittings on Millboard Insulation	50% Chrysotile	7 ea	Friable TSI	Damaged	Physical Air Erosion Vibration		1	The pipes run north/south along the west wall of the room.
Hard Fitting on Fiberglass Insulation	40% Chrysotile	2 ea	Friable TSI	Damaged	Physical Air Erosion Vibration		1	The pipes run north/south along the west wall of the room.
Room 3 Abated S	ummer 2008							
Hard Fittings on Millboard Insulation	50% Chrysotile	8 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are in the south east end of the room.
Room 6 Abated St	ummer 2008							
Hard Fittings on Millboard Insulation	50% Chrysotile	7 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	6 hard fittings are in the southwest corner of the room on the main steam lines and 1 hard fitting is ceiling level on the west end of the room.
Aircell Pipe Insulation	60% Chrysotile	5 ft	Friable TSI	Significantly Damaged	Physical Air Erosion Vibration		1	The aircell insulation is on an abandoned line above an HVAC duct along the south wall.
Mag Block Pipe Insulation	10-15% Amosite	60 ft	Friable TSI	Significantly Damaged	Physical Air Erosion Vibration		1	The mag block insulation is on a steam line run along the south wall and one take-off crosses the room to the north to room 6A.
Hard Fittings on Mag Block Insulation	40% Chrysotile	1 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	None
Hard Fitting on Fiberglass Insulation	40% Chrysotile	5 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are in the center of the room. They supply a piece of equipment (appears to be a compressor).

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD	ASSESS. CAT. ¹	NOTES
Room 6A Abated S	ummer 2008							
Mag Block Pipe Insulation	10-15% Amosite	17 ft	Friable TSI	Good	Physical Air Erosion Vibration		6	The mag block insulation is exposed at seams.
Hard Fittings on Mag Block Insulation	40% Chrysotile	8 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	None
Hard Fittings on Fiberglass Insulation	40% Chrysotile	6 ea	Friable TSI	Good	Physical Air Erosion Vibration		6	At least one fitting has lost its canvas wrap and is exposed.
Room 8 Abated Su	mmer 2008							
Aircell Pipe Insulation	60% Chrysotile	7 ft	Friable TSI	Good	Physical Air Erosion Vibration		5	The aircell insulation is in the southeast corner of the room.
Hard Fittings on Aircell Insulation	60% Chrysotile	2 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	None
Hard Fittings on Fiberglass Insulation	40% Chrysotile	4 ea	Friable TSI	Significantly Damaged	Physical Air Erosion Vibration		1	The hard fittings are on the fiberglass insulation crossing the room along the south end of the room.
Room 9 Abated Su	ımmer 2008							
Hard Fittings on Millboard Insulation	50% Chrysotile	6 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are on the fiberglass insulation crossing the room along the north end of the room.
Room 9A Abated S	ummer 2008				-			
Hard Fittings on Millboard Insulation	50% Chrysotile	2 ea	Friable TSI	Good	Physical Air Erosion Vibration		5	The hard fittings are on the fiberglass insulation crossing the room along the north end of the room.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD	ASSESS.	NOTES
A A A A A A A A A A A A A A A A A A A	Cummor 2000							
Room 11B Abated		1		T	T		1	
Hard Fittings on	50% Chrysotile	3 ea	Friable	Good	Physical		5	The hard fittings are on the fiberglass insulation
Millboard Insulation			TSI		Air Erosion			crossing the room along the north end of the
					Vibration			room.
Room 12 Abated S	Summer 2008							
Hard Fittings on	50% Chrysotile	8 ea	Friable	Good	Physical		5	The hard fittings are on the fiberglass insulation
Millboard Insulation			TSI		Air Erosion			crossing the room along the south end of the
					Vibration			room.
Room 13	1	1 3		T	1		T	
Tank Insulation	40-50% Chrysotile	80 ft ²	Friable	Good	Physical		5	There is only one tank in the room, it is on the
			TSI		Air Erosion			west side of the room (appears abandoned).
					Vibration			
Room 14 Abated S	Summer 2008							
Hard Fittings on	50% Chrysotile	5 ea	Friable	Good	Physical		5	The hard fittings are on the fiberglass insulation
Millboard Insulation	,		TSI		Air Erosion			crossing the room along the west and south ends
					Vibration			of the room.
		1	1	1	1		l	
Room 110H	1	1 5.2	T., -,,,	1	1	ale		I-r a .u .u .
9" Floor Tile and	Assumed	20 ft ²	Non-Friable	N/A*	N/A	ক	N/A*	The floor tile and the mastic were assumed to be
Mastic			Miscellaneous					ACMs, they are under the carpet.
								<u> </u>
Room 110J								
9" Floor Tile and	Assumed	140 ft ²	Non-Friable	N/A*	N/A	*	N/A*	The floor tile and the mastic were assumed to be
Mastic			Miscellaneous					ACMs, they are under the carpet.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 € F	ASSESS.	NOTES
Room 110K							
9" Floor Tile and Mastic	Assumed	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 111B Abate	ed Summer 2008,	Room Dem	olished				1
bnuoqmo2 tniot	3% Chrysotile	230 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The joint compound is on the north and east walls.
9" Floor Tile and Mastic	Assumed	136 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 111C Abate	ed Summer 2008,	Room Dem	olished	I			
bnuoqmo3 tniot	3% Chrysotile	220 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The joint compound is on the south wall.
9" Floor Tile and Mastic	Assumed	220 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 111 Abated	d Summer 2008	1					<u> </u>
9" Floor Tile and Mastic	Assumed	782 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs.
Room 111A Abate	ed Summer 2008		1	1			1
9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

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ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ASSESS.	NOTES
Room 111D Abate	ed Summer 2008						
9" Floor Tile and Mastic	Assumed	141 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 114B Abate	ed Summer 2008	<u> </u>	I				
Mag Block Pipe Insulation	10-15% Amosite	13 ft	Friable TSI	Good	Physical □□■ Air Erosion □■□ Vibration □■□	6	The mag block insulation is in the northwest corner of the room on a vertical pipe run.
Room 118 Abated	d Summer 2008	1					
Gray Sink Undercoating	5% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Only one sink in the room, it is on the north wall to the east of the entry door.
Room 1184 Abate	ed Summer 2008						1
9" Floor Tile and Mastic	Assumed	192 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Poom 118D Abate	ed Summer 2008	 ¬					
9" Floor Tile and Mastic	Assumed	187 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 124 Abate	d February 2009	<u> </u>					
Grit Wall Texture	3% Chrysotile	1662 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls and supports throughout the room and in two closets in the south part of the room.
9" Floor Tile and Mastic	Assumed	802 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
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^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S H POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 124A Now 1	124D, Abated Fe	bruary 2009					
Grit Wall Texture	3% Chrysotile	392 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the south and west walls. Also, there is 2' of texture at the top of the north and east walls.
9" Floor Tile and Mastic	Assumed	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 124B Now	124C, Abated Fe	bruary 2009					
9" Floor Tile and Mastic	Assumed	198 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 124C Now	124B, Abated Fe	bruary 2009			_ I		
tight Splatter Wall Texture	3% Chrysotile	392 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the south and west walls. Also, there is 2' of texture at the top of the north and east walls.
9" Floor Tile and Mastic	Assumed	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 124D Now	114T, Abated Fe	ebruary 2009)				
Grit Wall Texture	3% Chrysotile	360 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the north, south, and west walls.
	Assumed	108 ft ²	Non-Friable	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 E F F F F F F F F F F F F F F F F F F	ASSESS.	NOTES
Room 126 Now 1	14Q, Abated Feb	ruary 2009	7				
Light Splatter Wall Texture	3% Chrysotile	72 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the vertical support in the center of the room.
9" Floor Tile and Mastic	Assumed	376 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 126A Now	114R, Abated Fe	bruary 2009				1	
Light Splatter Wall Texture	3% Chrysotile	744 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout the room.
9" Floor Tile and Mastic	Assumed	252 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 126F Now 1	14S, Abated Feb	oruary 2009					
tight Splatter Wall Texture	3% Chrysotile	288 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the east and south walls and part of the north wall.
9" Floor Tile and Mastic	Assumed	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Black Sink Undercoating	5% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Only one sink in the room, it is in the northeast corner.
Room 1775 Now 1	188E (1/9/09) A	hated March	1/May 2009	¹ ¬			1
Grit Wall Texture	3% Chrysotile	576 ft ²	Non-Friable	N/A*	N/A*	N/A*	The texture is on the west and south walls and

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 등 등 등 등 등 다	ASSESS. CAT. ¹	NOTES
Window Glazing on Door Removed w	3% Chrysotile /Construction Ma	1 ea arch 2009	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The door is the east door on the south end of the room. (the two main entry doors do not match, it is the older door).
Hallway 188 Abated	d March 2009						
Grit Wall Texture	3% Chrysotile	80 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout the hallway.
Small portion sti	<u>ill remains on nor</u>	th wall, wes	st end beside	<u>ductwork</u>			
9" Floor Tile and Mastic	Assumed	474 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.
Room 188A Now 1	88C (1/9/09)						
Grit Wall Texture Abated January	3% Chrysotile	256 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout the room.
Room 188B							
Grit Wall Texture Abated January	3% Chrysotile	748 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the north, east, and west walls.
Room 1880 Demol	ished Summer 20	008					
Abated Summe	3% Chrysotile	70 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The joint compound is on the north and west walls.
Room 188D	1		1	1	1	1	,
9" Floor Tile and Mastic	Assumed	242 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 E F F F F F F F F F F F F F F F F F F	ASSESS.	NOTES
Room 188E Now 18	38F (1/9/09)						
12" White Floor Tile w/ Brown Streaks and Mastic Aba	2-5% Chrysotile ted February 20	108 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic both contain asbestos.
Room 201 Now part	t of 202						
Popcorn Ceiling Texture	3-5% Chrysotile	180 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202		•					
Popcorn Ceiling Texture	3-5% Chrysotile	736 ft ²	Friable Surfacing	Good	Physical □□□ Air Erosion □□□ Vibration □□□	7	The ceiling texture is above the ceiling tile.
Grit Wall Texture	3% Chrysotile	1593 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls and supports throughout the room.
Assumed 9" Floor Tile and Mastic	Assumed	736 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202A							
Popcorn Ceiling Texture	3-5% Chrysotile	132 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	132 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E E S POTENTIAL	ASSESS. CAT. ¹	NOTES
Room 202B							
Popcorn Ceiling Texture	3-5% Chrysotile	190 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	190 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202C							
Popcorn Ceiling Texture	3-5% Chrysotile	122 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	122 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202D		-			,	1	
Popcorn Ceiling Texture	3-5% Chrysotile	190 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	190 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202E			•	-		1	
Popcorn Ceiling Texture	3-5% Chrysotile	208 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	208 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
				1			L

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 9 F	ASSESS. CAT. ¹	NOTES
Room 202F							
Popcorn Ceiling Texture	3-5% Chrysotile	97 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	97 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202G							
Popcorn Ceiling Texture	3-5% Chrysotile	104 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	104 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202H					,	•	
Popcorn Ceiling Texture	3-5% Chrysotile	130 ft ²	Friable TSI	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 202J					,	1	
Popcorn Ceiling Texture	3-5% Chrysotile	540 ft ²	Friable Surfacing	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Grit Wall Texture	3% Chrysotile	940 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls and supports throughout the room.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

	T	,	•				
ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 € F POTENTIAL	ASSESS.	NOTES
Assumed 9" Floor Tile and Mastic	e Assumed	540 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
D 204							
Room 204 Grit Wall Texture	3% Chrysotile	336 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the north, east, and south walls.
Assumed 9" Floor Tile and Mastic Abated		154 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 204A			•				
Assumed 9" Floor Tile and Mastic	e Assumed	84 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 204B	1	1	1			1	
Assumed 9" Floor Tile and Mastic	e Assumed	60 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 204C	1	1	1	1			
Assumed 9" Floor Tile and Mastic	e Assumed	90 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 204D		1	l	1	l		1
Grit Wall Texture	3% Chrysotile	99 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the south wall under the GWB.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E S POTENTIAL	ASSESS.	NOTES
/ CIVI		ασ/		CONDITION	TOTEIVINE	C/ (I)	
Assumed 9" Floor Tile and Mastic	Assumed	140 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 205							
Grit Wall Texture	3% Chrysotile	748 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout the room
Assumed 9" Floor Tile and Mastic	Assumed	288 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
D 2054			•			•	
Room 205A Assumed 9" Floor Tile and Mastic	Assumed	96 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 205B		- 1	1	1	,	1	
Assumed 9" Floor Tile and Mastic	Assumed	108 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
		l .					1
Room 205C Assumed 9" Floor Tile and Mastic	Assumed	100 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 205D						•	
Assumed 9" Floor Tile and Mastic	Assumed	80 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 E	ASSESS.	NOTES
Room 208							
Joint Compound	2-3% Chrysotile	284 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The joint compound is on all walls in the bathroom and the entryway.
12" Floor Tile (2 types) and Mastic	5-8% Chrysotile	95 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic in this room are ACM.
Room 209		_		1			
Joint Compound	2-3% Chrysotile	44 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The joint compound is on the south wall across from the entry door.
Room 211 (including	the area north of 3-5% Chrysotile	211C) Now F	Room 212 Friable	Good	Physical □□■	6	The texture is on the ceiling in the section of the
Texture Abated	June 2022		Surfacing		Air Erosion □■□ Vibration ■□□		room north of 211B, in the section of the room north of 211C it has been removed.
Grit Wall Texture Abated	3% Chrysotile June 2022	440 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout the room.
Assumed 9" Floor Tile and Mastic	Assumed	155 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 211A Now F	Room 212						
Popcorn Ceiling Texture Abated Ju	3-5% Chrysotile	215 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated J	3% Chrysotile une 2022	610 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the north, east, and south walls.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 E	ASSESS. CAT. ¹	NOTES
Assumed 9" Floor Tile and Mastic	Assumed	215 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 211AI Now F	Room 212						
Popcorn Ceiling	3-5% Chrysotile une 2022	110 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated J	3% Chrysotile une 2022	220 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the south and west walls.
Assumed 9" Floor Tile and Mastic	Assumed	110 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 211B Now F	Room 212						
Popcorn Ceiling Texture Abated	3-5% Chrysotile June 2022	144 ft ²	Friable Surfacing	Good	Physical Air Erosion Vibr Abated June	6 2022	None
Assumed 9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 211C Now R	oom 212B						
Popcorn Ceiling Texture	3-5% Chrysotile	195 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □□□ Vibration ■□□	6	None
Assumed 9" Floor Tile and Mastic	Assumed	195 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) CERES HALL (BUILDING A003)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E S POTENTIAL	ASSESS.	NOTES
Room 211D Now R	oom 212A						
Popcorn Ceiling	3-5% Chrysotile une 2022	182 ft ²	Friable Surfacing	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	182 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212 Now Ro	oom 212E						
Popcorn Ceiling	3-5% Chrysotile une 2022	600 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated J	3% Chrysotile une 2022	990 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout his room.
Assumed 9" Floor Tile and Mastic	Assumed	600 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212A Now R	Room 212X					.	
Popcorn Ceiling	3-5% Chrysotile une 2022	110 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated J	3% Chrysotile une 2022	310 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the north, south, and west walls.
Assumed 9" Floor Tile and Mastic	Assumed	110 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

* = Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM		ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € EGP POTENTIAL	ASSESS. CAT. ¹	NOTES
Room212A1	Now R	Room 212W						
Popcorn Ceil Texture		3-5% Chrysotile	209 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□	6	None
	Abaled	June 2022	_			Vibration ■□□		
Grit Wall Tex	kture	3% Chrysotile	600 ft ²	Non-Friable	N/A*	N/A*	N/A*	The texture is on the walls throughout his room.
	Abated	June 2022		Surfacing				
Assumed 9" and Mastic	Floor Tile	Assumed	209 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212B	Now F	Room 212U/V						
Popcom Ceil Texture		3-5% Chrysotile June 2022	96 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Tex	kture	3% Chrysotile	200 ft ²	Non-Friable	N/A*	N/A*	N/A*	The texture is on the north and east walls.
	Abated	June 2022		Surfacing				
Assumed 9" and Mastic	Floor Tile	Assumed	96 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212C	Now F	Room 212T/V				•		
Popcorn Ceil Texture		3-5% Chrysotile June 2022	156 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Assumed 9" and Mastic	Floor Tile	Assumed	159 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) CERES HALL (BUILDING A003)

		T		T	1		
ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € E	ASSESS.	NOTES
Room 212D Now R	doom 212R/S/T						
Popcorn Ceiling Texture Abated J	3-5% Chrysotile une 2022	342 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated J	3% Chrysotile une 2022	740 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout his room.
Assumed 9" Floor Tile and Mastic	Assumed	342 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212E Now Ro	oom 212P/Q	7					
Popcorn Ceiling	3-5% Chrysotile une 2022	99 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated J	3% Chrysotile une 2022	310 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the north, east, and south walls.
Gray Sink Undercoating Abat	5% Chrysotile red June 2022	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Only one sink in the room, it is in the southeast corner of the room.
Add: Assumed 9		rooms aro	und this one			1	,
Popcorn Ceiling Texture Abated Ju	3-5% Chrysotile	56 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated J		200 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the north, south, and west walls.
Add: Assumed 9	□ F I/IVI SIMIIAT to	rooms arou	una this one				

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* = Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E S POTENTIAL	ASSESS.	NOTES
Room 212G Now R	loom 212P/Q						
Popcorn Ceiling	3-5% Chrysotile June 2022	144 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □□□ Vibration ■□□	6	None
Assumed 9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212H Now R	toom 212N						
Popcorn Ceiling	3-5% Chrysotile June 2022	165 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Assumed 9" Floor Tile and Mastic	Assumed	165 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212J Now Ro	oom 212M					-1	
Popcorn Ceiling	3-5% Chrysotile June 2022	180 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Assumed 9" Floor Tile and Mastic	Assumed	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212K		-1	1	1		1	
Popcorn Ceiling	3-5% Chrysotile June 2022	180 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Assumed 9" Floor Tile and Mastic	Assumed	180 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

						-	
ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S E	ASSESS.	NOTES
Room 212L Now F	Room 212H	7					
Popcorn Ceiling Texture Abated J	3-5% Chrysotile une 2022	42 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□		None
Assumed 9" Floor Tile and Mastic	Assumed	42 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212M Now	Room 212H						
Popcorn Ceiling	3-5% Chrysotile une 2022	144 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□		None
Assumed 9" Floor Tile and Mastic	Assumed	144 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212N Now R	oom 212F	<u> </u>		•			
Popcorn Ceiling Texture Abated J	3-5% Chrysotile	120 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□		None
Assumed 9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212P Now R	oom 212F						
Popcorn Ceiling	3-5% Chrysotile	91 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□		None
Assumed 9" Floor Tile and Mastic	Assumed	91 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5	HIGH	ASSESS. CAT. ¹	NOTES
Room 212Q Now F	Room 212G							
Popcorn Ceiling Texture Abated J	3-5% Chrysotile	120 ft ²	Friable Surfacing	Good	Air Erosion		6	None
Assumed 9" Floor Tile and Mastic	Assumed	120 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212R Now R	oom 212G	7						
Popcorn Ceiling	3-5% Chrysotile une 2022	130 ft ²	Friable Surfacing	Good	Air Erosion		7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 2125 Now R	Room 212J	<u> </u>	•					
Popcorn Ceiling	3-5% Chrysotile	48 ft ²	Friable Surfacing	Good	Air Erosion		7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	48 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 212S1 Now F	Room 212J					•		
Popcorn Ceiling	3-5% Chrysotile June 2022	48 ft ²	Friable Surfacing	Good	Air Erosion		7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Tile and Mastic	Assumed	48 ft ²	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 ₹ ₹ POTENTIAL	ASSESS.	NOTES
Room 212T Now R	Room 212L						
Popcorn Ceiling Texture Abated J	3-5% Chrysotile	154 ft ²	Friable Surfacing	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.
Assumed 9" Floor Til and Mastic	e Assumed	154 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 277S Now 2	77\$4						
9" Floor Tile and Mastic Abated S	Assumed	138 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet and on the landing between 2 nd and 3 rd floor.
Grit Wall Texture	3% Chrysotile	240 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the east and south walls.
Room 277S1 Now 2	277S3	_ <u> </u>	1	<u> </u>	- L		
Popcorn Ceiling Texture	3-5% Chrysotile	135 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □□□ Vibration ■□□	6	None
9" Floor Tile and Mastic Abated S	Assumed Summer 2015	135 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet at the 2 nd floor landing.
Grit Wall Texture	3% Chrysotile	320 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the east, south, and west walls at the 2 nd floor landing.
Hallway 288		_	1	1	1	1	I
Popcorn Ceiling Texture	3-5% Chrysotile	465 ft ²	Friable Surfacing	Good	Physical ■□□ Air Erosion ■□□ Vibration ■□□	7	The ceiling texture is above the ceiling tile.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 S H POTENTIAL S S H	ASSESS. CAT. ¹	NOTES
Grit Wall Texture	3% Chrysotile	1440 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout his room.
Assumed 9" Floor Tile and Mastic Abate	Assumed d Summer 2015	465 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
oom 288A							
Popcorn Ceiling Texture Abated Ju	3-5% Chrysotile Ine 2022	130 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated Ju	3% Chrysotile Ine 2022	423 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout his room
Assumed 9" Floor Tile and Mastic	Assumed	130 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Iallway 288B			1			1	
Popcorn Ceiling Texture Abated Ju	3-5% Chrysotile	505 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated Ju	3% Chrysotile Ine 2022	1737 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on parts of the walls in this hallway, refer to the diagram for exact locations
Assumed 9" Floor Tile and Mastic	Assumed	505 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € 5 € F	ASSESS.	NOTES
Hallway 288C Nov	v Absorbed into	Room 212		\neg			
Popcorn Ceiling Texture Abated	3-5% Chrysotile June 2022	378 ft ²	Friable Surfacing	Good	Physical □□■ Air Erosion □■□ Vibration ■□□	6	None
Grit Wall Texture Abated	3% Chrysotile June 2022	1242 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The texture is on the walls throughout this hallway.
Assumed 9" Floor Tile and Mastic	e Assumed	378 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and mastic are assumed to be present under the carpet/floor filler. They were assumed to be ACMs.
Room 299M (and en	itrv)						
Joint Compound	2-3% Chrysotile	414 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The joint compound is on all walls in the bathroom and the entryway.
Room 299W (and er							
Joint Compound	2-3% Chrysotile	495 ft ²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The joint compound is on all walls in the bathroom and the entryway.
Room 339							
White Sink Undercoating	10% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Only one sink in the room, it is in the southwest corner of the room.
Room 401 (and entr	v hallway)	1	1	I	<u> </u>	1	l
Gypsum Wallboard	3% Chrysotile	1188 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The gypsum wallboard on the walls and ceiling are ACM.

^{* =} Non-Friable materials were not assessed

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ASSESS. CAT. ¹	NOTES
Assumed	368 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, they are under the carpet in the main part of the room (not in the entry hallway).
d west)						
3% Chrysotile	1532 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The gypsum wallboard on the walls and ceiling are ACM.
Assumed	362 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs, in the east half of the room they are under carpet.
40% Chrysotile	342 ft ²	Friable Miscellaneous	Damaged	Physical	4	The duct runs in an L-shape in room 401B north of room 401A.
	- 1	1	1	,	1	
3% Chrysotile	640 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The gypsum wallboard on the walls and the south part of the ceiling are ACM.
Assumed	184 ft ²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The floor tile and the mastic were assumed to be ACMs.
5% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	Only one sink in the room, it is on the west wall.
2-3% Chrysotile	226 ea	Non-Friable	N/A*	N/A*	N/A*	Refer to the ACM Locations Map for exact locations of windows. Each window is double-
	Assumed d west) 3% Chrysotile Assumed 40% Chrysotile 3% Chrysotile Assumed 5% Chrysotile	Assumed 368 ft ² d west) 3% Chrysotile 1532 ft ² Assumed 362 ft ² 40% Chrysotile 342 ft ² 3% Chrysotile 640 ft ² Assumed 184 ft ² 5% Chrysotile 1 ea	Assumed 368 ft² Non-Friable Miscellaneous d west) 3% Chrysotile 1532 ft² Non-Friable Miscellaneous Assumed 362 ft² Non-Friable Miscellaneous 40% Chrysotile 342 ft² Friable Miscellaneous 3% Chrysotile 640 ft² Non-Friable Miscellaneous Assumed 184 ft² Non-Friable Miscellaneous 5% Chrysotile 1 ea Non-Friable Miscellaneous	ASSESTOS TYPE QUANTITY ACM TYPE CONDITION Assumed 368 ft² Non-Friable Miscellaneous N/A* Assumed 362 ft² Non-Friable Miscellaneous N/A* Assumed 362 ft² Non-Friable Miscellaneous N/A* 40% Chrysotile 342 ft² Friable Miscellaneous N/A* Assumed 3640 ft² Non-Friable Miscellaneous N/A* Assumed 184 ft² Non-Friable Miscellaneous N/A* Assumed 184 ft² Non-Friable Miscellaneous N/A* N/A* N/A* Miscellaneous N/A*	Assumed 368 ft² Non-Friable Miscellaneous N/A* N/A* d west) 3% Chrysotile 1532 ft² Non-Friable Miscellaneous N/A* N/A* Assumed 362 ft² Non-Friable Miscellaneous N/A* N/A* 40% Chrysotile 342 ft² Friable Miscellaneous N/A* N/A* 40% Chrysotile 640 ft² Non-Friable Miscellaneous N/A* N/A* 3% Chrysotile 640 ft² Non-Friable Miscellaneous N/A* N/A* Assumed 184 ft² Non-Friable Miscellaneous N/A* N/A* 5% Chrysotile 1 ea Non-Friable Miscellaneous N/A* N/A*	Assumed 368 ft² Non-Friable Miscellaneous N/A* N/A* N/A* d west) 3% Chrysotile 1532 ft² Non-Friable Miscellaneous N/A* N/A* N/A* Assumed 362 ft² Non-Friable Miscellaneous N/A* N/A* N/A* 40% Chrysotile 342 ft² Friable Miscellaneous N/A* N/A* N/A* 3% Chrysotile 640 ft² Non-Friable Miscellaneous N/A* N/A* N/A* Assumed 184 ft² Non-Friable Miscellaneous N/A* N/A* N/A* Assumed 184 ft² Non-Friable Miscellaneous N/A* N/A* N/A* 5% Chrysotile 1 ea Non-Friable Miscellaneous N/A* N/A* N/A*

ACM LOCATIONS/Friable MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU) CERES HALL (BUILDING A003)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 5 € E POTENTIAL E E	ASSESS. CAT. ¹	NOTES
Flashing on Gutter	15% Chrysotile	251 ft	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	There is 2 liner feet of flashing at every seam on the gutter. There is a seam approximately every 6 feet on the gutter.

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

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End