## NARRATIVE REPORT

#### 1.0 **BUILDING INFORMATION**

Old Main was originally constructed in 1891; a 1919 addition extended the building to the north, a 1928 addition extended the building to the northwest, a 1941 addition completed the middle of the building, a 1950 addition extended the building to the north, and a 1991 addition extended the building to the north.

Old Main is a five-story, 35,827  $ft^2$  building which primarily serves as office areas for administrative personnel.

The interior floor finishes included floor tile, carpet, 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, gypsum wallboard, wood, and concrete. The roofing system is a peaked-cedar shingled roof over the south end of the building and a flat rubber-membrane roof over the north end of the building; the exterior of the structure is brick and concrete.

The piping systems were insulated; fiberglass insulation (without hard fittings) and aircell insulation (with hard fittings) are located in the building. Steam and domestic water enter the building in room 15. HVAC systems located in the building consisted of steam radiators and forced air furnaces equipped with heating/cooling coils.

#### 2.0 ASBESTOS SURVEY INFORMATION

Old Main 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 123 samples were collected from suspect asbestos-containing materials (ACM) from Old Main on April 19, 2007, an additional 4 samples were collected on July 3, 2007, an additional 1 sample was collected on December 27, 2007, and an additional 7 samples were collected on April 2 2008. Laboratory analysis results indicate **30 of these samples tested positive for asbestos**.

#### 2.1 Suspect Materials Identified and Sampled

Stair Tread Adhesive Hard Fittings on Aircell Insulation Floor Tile Mastic (3 types) Gypsum Wallboard (6 types) Baseboard Adhesive (4 types) Carpet Mastic (5 types) Sheet Vinyl Flooring Adhesive (3 types) Underlayment Paper for Linoleum Floor Filler Material Residual Black Mastic Ceiling Texture Hard Plaster- Basecoat Aircell Pipe Insulation Floor Tile (3 types) Ceiling Tile (7 types) Joint Compound (5 types) Glue Puck Sheet Vinyl Flooring (4 types) Linoleum Wall Texture Paper Wrap (on duct) HVAC Duct Caulk (2 types) Hard Plaster- Skimcoat Hard Plaster- Monocoat

LEGEND No. 0700048

OLD MAIN (A001)

Vermiculite Insulation Exterior Building Seam Caulk (2 types) Encapsulant on Fiberglass Insulation Ceramic Tile Adhesive Exterior Window Caulk (2 types) Exterior Penetration Putty Roof Tarpaper Sink Undercoating (2 types)

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

#### 2.2 Asbestos Containing Materials

Aircell Pipe Insulation Hard Fittings on Aircell Insulation 12" Ceiling Tile with Fissures and Pinholes 2'x4' White Ceiling Tile with Widthwise Fissures and Pinholes 2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes Joint Compound Black Sink Undercoating Unknown Green Floor Tile 9" Floor Tile and Mastic (assumed) Transite Panels (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 Old Main as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Aircell Pipe Insulation	158 ft	\$25.00/ft	\$3,950.00
Asbestos Hard Fittings on Aircell Insulation	29 ea	\$25.00/ea	\$725.00
Asbestos Floor Tile and/or Mastic (all types)	3,835 ft²	\$4.00/ft <sup>2</sup>	\$15,340.00
Asbestos Ceiling Tile (all types)	6,130 ft²	\$5.00/ft <sup>2</sup>	\$30,650.00
Asbestos Joint Compound	7,771 ft <sup>2</sup>	\$5.00/ ft <sup>2</sup>	\$38,855.00
Asbestos Black Sink Under Coating	1 ea	\$150.00/ea	\$150.00
Asbestos Transite Panel	21 ft <sup>2</sup>	\$5.00/ ft <sup>2</sup>	\$105.00
Total Abatement Cost		\$89,7	75.00

#### 2.4 Survey Notes

LEGEND identified and collected samples from numerous separate types (homogeneous areas) of joint compound on gypsum wallboard in Old Main from multiple separate addition or renovation vintages. Joint compound used in a 1969 renovation throughout the basement, 1<sup>st</sup>, and 2<sup>nd</sup> floors tested positive for asbestos, only. LEGEND visually quantified the ACM joint compound from the 1969 renovation using available architectural drawings where applicable; the ACM joint compound is a white/light gray color and is installed on a yellow papered gypsum wallboard. Areas identified by LEGEND to contain the ACM joint compound are indicated in the ACM Locations Tables and Diagrams.

LEGEND identified and sampled Vermiculite Insulation being used to fill wall cavities in Old Main; it tested <1% for asbestos. EPA regulations concerning vermiculite insulation are expected to be revised in the near future; LEGEND anticipates new analytical methods will replace current methods for the bulk analysis of vermiculite insulation for asbestos. If new analytical methods are eventually required, the vermiculite insulation will need to be resampled and analyzed using the updated methods.

NDSU records indicate ACM insulation was identified by prior sampling in room 310A1. The material was 80% Amosite, 5% Chrysotile, and 15% other. LEGEND was unable to locate this material; NDSU records indicate the material is in an access panel in the floor (above the 2<sup>nd</sup> floor ceiling). As per conversations with the NDSU Safety and Police Office, the ACM insulation is believed to be in a sealed access panel in the floor in room 310A1 to the east of room 310B (close to the northeast corner of room 310B).

Summer 2014 Provost office remodeling revealed exterior wall chases with Aircell TSI on the covered portions of the piping.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE DAMAGE	ASSESS. CAT. <sup>1</sup>	NOTES
Room 8							
Joint Compound	2-3% Chrysotile	217 ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the south and east walls.
Room 9 Abated v	v/Purchasing Rei	model July	2007				
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	112 ft²	Friable Miscellaneous	Good	PhysicalImage: Image: Imag	6	None
Room 10 Abated M	larch 2022						
<del>9" Floor Tile and</del> Mastic	Assumed	64 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Room 11 Abated F	ebruary 2009		I	<u>I</u>			
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes		160	Friable Miscellaneous	Damaged	PhysicalImage: Image: Imag	4	None
Aircell Pipe Insulation	25-50% Chrysotile	43 ft	Friable TSI	Damaged	PhysicalImage: Constraint of the second	1	The asbestos aircell pipe insulation is above the ceiling tile.
Hard Fittings on Aircell Insulation	30-40% Chrysotile	10 fittings	Friable TSI	Damaged	PhysicalImage: Constraint of the second	1	None
Joint Compound	2-3% Chrysotile	213 ft²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the north wall and the east wall near the entrance of room 11E.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD	ASSESS. CAT. <sup>1</sup>	NOTES
Room 11B Abated I	February 2009							
Aircell Pipe Insulation	25-50% Chrysotile	20 ft	Friable TSI	Good	Physical Air Erosion Vibration		5	The aircell pipe insulation is above the ceiling tile.
Hard Fittings on Aircell Insulation	30-40% Chrysotile	5 fittings	Friable TSI	Good	Physical Air Erosion Vibration		5	None
Room 11C Abated	February 2009			•				
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	130 ft <sup>2</sup>	Friable Miscellaneous	Good	Physical Air Erosion Vibration		6	None

Aircell Pipe Insulation	25-50% Chrysotile	24 ft	Friable TSI	Good	Physical Air Erosion Vibration	5	The aircell pipe insulation is above the ceiling tile.
Hard Fittings on Aircell Insulation	30-40% Chrysotile	6 fittings	Friable TSI	Good	Physical Air Erosion Vibration	5	None

# Room 11D Abated February 2009

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	168 ft <sup>2</sup>	Friable Miscellaneous	Good	Physical Air Erosion Vibration		6	None
Aircell Pipe Insulation	1 25-50% Chrysotile	6 ft	Friable TSI	Good	Physical Air Erosion Vibration		5	The asbestos aircell pipe insulation is above the ceiling tile.
Joint Compound	2-3% Chrysotile	167 ft²	Non-Friable Surfacing	N/A*	N/A*	k	N/A*	The asbestos joint compound is on the west and south walls.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	HIGH MOD	ASSESS. CAT. <sup>1</sup>	NOTES
Room 13 Abated v	w/Purchasing Rei	model July	2007					
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	72 ft <sup>2</sup>	Friable Miscellaneous	Good	Physical Air Erosion Vibration		6	None

#### Room 14

12" Ceiling Tile with	2-3% Amosite	264 ft <sup>2</sup>	Friable	Good	Physical	6	None
Fissures and Pinholes			Miscellaneous		<u>Air Erosion</u>		
Ceiling	Abated May 201	5, Still cont	ains one sink	with ACM un	dercoat		

#### Room 15

2'x4' White Ceiling	3-5% Amosite	144 ft <sup>2</sup>	Friable	Damaged	Physical	4	None
Tile with Widthwise			Miscellaneous		Air Erosion		
Fissures					Vibration		

#### Room 16

<del>9" Floor Tile and</del> Mastic Abated J	Assumed July 2007	240 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	2-3% Chrysotile	235 ft <sup>2</sup> as of 07/07	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is located on the east, south, and south half of the west wall.

Room 17 Abated w/Purchasing Remodel July 2007

<del>9" Floor Tile and</del> Mastic	Assumed	516 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
2'x4' White Ceiling Tile with Widthwise Fissures	3-5% Amosite	516 ft²	Friable Miscellaneous	Damaged	PhysicalImage: Image: Imag	4	None

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 다 전 프 프 POTENTIAL 전 인 위	ASSESS. CAT. <sup>1</sup>	NOTES
oom 17B Abated	d w/Purchasing R	emodel July	2007				
<del>9" Floor Tile and</del> Mastic	Assumed	77 ft²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
oom 17C Abate	d w/Purchasing R	emodel July	/ 2007				
2'x4' Ceiling Tile wit Lengthwise Fissures and Pinholes		216 ft <sup>2</sup>	Friable Miscellaneous	Good	PhysicalImage: Constraint of the second	6	None
<del>9" Floor Tile and</del> Mastic	Assumed	216 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
loom 18 Abated	d March 2022	7				1	1
Unknown Green Floor Tile	5% Chrysotile	432 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The unknown floor tile contains asbestos; the floor tile mastic is negative.
Room 18A Abated	d March 2022	1	1	1			
Unknown Green Floor Tile	5% Chrysotile	168 ft²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The unknown floor tile contains asbestos; the floor tile mastic is negative. The floor tile is under the carpet.
loom 18B Abated	March 2022	]					
Unknown Green Floor Tile	5% Chrysotile	112 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The unknown floor tile contains asbestos; the floor tile mastic is negative. The floor tile is under the carpet.
Room 18C Now ro	oom 18D	]				-	
Joint Compound	2-3% Chrysotile	140 ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the west wall and the north wall of the room entrance.
* - Non Friable mat	rerials were not assess						Page 4 of 15

### LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	АСМ ТҮРЕ	MATERIAL CONDITION	DAMAGE 등 조 프 POTENTIAL 등 전 프	ASSESS. CAT. <sup>1</sup>	NOTES
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#### Hallway 88C (including the mechanical closet on the south end of the hallway)

Aircell Pipe Insulation	25-50% Chrysotile	65 ft	Friable	Good	Physical		5	Please refer to ACM Locations Map for further
July 2007			TSI		Air Erosion			information.
0 diy 2007					Vibration			
Joint Compound	2-3% Chrysotile	1,410 ft <sup>2</sup>	Non-Friable	N/A*	N/A*		N/A*	Refer to ACM Locations Map for further
		L .	Surfacing					information.
Portion removed	Portion removed July 2007 Portion removed Feb 20		2018					
Hard Fittings on	30-40% Chrysotile	8 fittings	Friable		Physical		6	None
Aircell Insulation			TSI		Air Erosion			
July 2007					Vibration			

# Room 100 Abated May 2018

niot	t Compound	2-3% Chrysotile	141 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the south
				Surfacing				wall.

# Room 100C Abated May 2014

2'x4' Ceiling Tile with 2% Amosite 160 ft <sup>2</sup> Friable Good P	ysical □□■ 6 None
Lengthwise Fissures A Miscellaneous A	r Erosion
and Pinholes V	bration

# Room 100D Abated May 2014

2'x4' Ceiling Tile with 2% Amosite	112 ft <sup>2</sup>	Friable	Good	Physical	6	None
Lengthwise Fissures		Miscellaneous		Air Erosion		
and Pinholes				Vibration		

# Room 100F Abated May 2014

2'x4' Ceiling Tile with	2% Amosite	130ft <sup>2</sup>	Friable	Good	Physical	6	None
Lengthwise Fissures			Miscellaneous		Air Erosion		
and Pinholes					Vibration		

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE	ASSESS. CAT. <sup>1</sup>	NOTES
oom 101 Abated	July 2009						
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	750 ft <sup>2</sup>	Friable Miscellaneous	Good	PhysicalImage: Constraint of the second	6	None
<del>9" Floor Tile and</del> Mastic	Assumed	30 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs; they are in the northeast corner of the room.
oom 101A Abated	July 2009		1		1		1
<del>9" Floor Tile and</del> Mastic	Assumed	392 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
loom 1018 Abated	I July 2009				<u> </u>		1
2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes		150 ft <sup>2</sup>	Friable Miscellaneous	Good	PhysicalImage: Constraint of the second	6	None
oom 101C Abated	d July 2009						
9" Floor Tile and Mastic	Assumed	24 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Room 102A1 Abate	d July 2009						
12" Ceiling Tile with Fissures and Pinholes	2-3% Amosite	16ft²	Friable Miscellaneous	Good	PhysicalImage: Constraint of the second	6	None
Room 103 (including	; small hallway to t	he north of ro	om 103) Abate	ed May 2014			
2'x4' Ceiling Tile with		88 ft <sup>2</sup>	Friable	Good	Physical	6	The asbestos ceiling tile is in the hallway by

2'x4' Ceiling Tile with	2% Amosite	88 ft²	Friable	Good	Physical	6	The asbestos ceiling tile is in the hallway by
Lengthwise Fissures			Miscellaneous		Air Erosion		rooms 103B-103D.
and Pinholes					Vibration		

\* = Non-Friable materials were not assessed

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 다 정 프 POTENTIAL 영 문	ASSESS. CAT. <sup>1</sup>	NOTES
9 <del>" Floor Tile and</del> Mastic Majority A	Assumed bated May 2014-	500 ft² Hallway R	Non-Friable emains Aba	N/A* ated May 201	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound Majority	2-3% Chrysotile Abated May 2014	499 ft² Hallway F	Non-Friable Remains Ab	N/A* ated May 201	N/A*	N/A*	The asbestos joint compound is on the west wall by room 103A and the east wall of the small hallway by rooms 103D and 103E.

# Room 103A Abated May 2014

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	320ft <sup>2</sup>	Friable Miscellaneous	Good	Physical Air Erosion Vibration		6	None
<del>9" Floor Tile and</del> Mastic	Assumed	320ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A <sup>3</sup>	*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	2-3% Chrysotile	115ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A <sup>3</sup>	*	N/A*	The asbestos joint compound is on the north end of the east wall.

## Room 103B Abated May 2014

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	194 f²t	Friable Miscellaneous	Good	Physical Air Erosion Vibration	6	None
<del>9" Floor Tile and</del> Mastic	Assumed	194 ft²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	2-3% Chrysotile	136 ft²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the north wall.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM ASBESTOS TYPE EST. QUANTITY ACM TYPE MATERIAL CONDITION DAMAGE POTENTIAL S = 5 응 말 ASSESS. CAT. <sup>1</sup> NOTES
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## Room 103C

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes		168 ft²	Friable Miscellaneous	Good	Physical Air Erosion Vibration	6	None
9" Floor Tile and Mastic	Assumed	168 ft²	Non-Friable Miscellaneous	N/A*	N/A*	N/A	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	2-3% Chrysotile	136ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the south wall.

#### Room 103D

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite bated May 2014	65 ft²	Friable Miscellaneous	Good	Physical Air Erosion Vibration		6	None
9" Floor Tile and Mastic	Assumed	65 ft²	Non-Friable Miscellaneous	N/A*	N/A'	*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	2-3% Chrysotile	130 ft²	Non-Friable Surfacing	N/A*	N/A*		N/A*	The asbestos joint compound is on the east wall.

#### Room 103E

9" Floor Tile and Mastic	Assumed	117 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	2-3% Chrysotile	336 ft²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the north, east, and west walls.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 등 종 특 POTENTIAL 등 용 특	ASSESS. CAT. <sup>1</sup>	NOTES
Hallway <del>188</del> Now 1	88A Abated Ma	ay 2018					
<del>9" Floor Tile and</del> Mastic	Assumed	520 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The 9" floor tile and mastic are assumed ACMs; refer to ACM Locations Map for further information.
12" Ceiling Tile with Fissures and Pinholes	2-3% Amosite	520 ft <sup>2</sup>	Friable Miscellaneous	Good	PhysicalImage: Image: Imag	6	Refer to ACM Locations Map for further information.

## Room 201 (including the small hallway to the south or room 201)

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	256 ft²	Friable Miscellaneous	Good	Physical Air Erosion Vibration	6	None
Joint Compound	2-3% Chrysotile	504 ft²	Non-Friable Surfacing	N/A*	N/A*	N/A*	Refer to ACM Locations Map for further information.

### Room 201A

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	96 ft <sup>2</sup>	Friable Miscellaneous	Good	PhysicalImage: Image: Imag	6	None
Joint Compound	2-3% Chrysotile	112 ft²	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the east wall.

#### Room 201B

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	96 ft <sup>2</sup>	Friable Miscellaneous	Good	PhysicalImage: Constraint of the second	6	None
Joint Compound	2-3% Chrysotile	224 ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the east and west walls.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE	ASSESS. CAT. <sup>1</sup>	NOTES
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## Room 201C

2'x4' Ceiling Tile with	2% Amosite	180 ft <sup>2</sup>	Friable	Good	Physical		6	None
Lengthwise Fissures			Miscellaneous		Air Erosion			
and Pinholes					Vibration			
Joint Compound	2-3% Chrysotile	171 ft²	Non-Friable Surfacing	N/A*	N/A*	:	N/A*	The asbestos joint compound is on the west wall and the west end of the south wall.

### Room 201D

2'x4' Ceiling Tile with	2% Amosite	84 ft²	Friable	Good	Physical		6	None
Lengthwise Fissures			Miscellaneous		Air Erosion			
and Pinholes					Vibration			
Joint Compound	2-3% Chrysotile	213 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	: :	N/A*	The asbestos joint compound is on the south
			Surfacing					wall, west wall, and west end of the north wall.
			C					

### Room 201E

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	120 ft <sup>2</sup>	Friable Miscellaneous	Good	Air Erosion	6	None
Joint Compound	2-3% Chrysotile	265 ft²	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the north, south, and west walls.

#### Room 201F

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	96 ft <sup>2</sup>	Friable Miscellaneous	Good	PhysicalImage: Constraint of the second	6	None
Joint Compound	2-3% Chrysotile	265 ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the north, south, and west walls.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE 다 정 프 POTENTIAL 영 단 다	ASSESS. CAT. <sup>1</sup>	NOTES

# Room 201L Now 201G

2'x4' Ceiling Tile with	2% Amosite	180 ft <sup>2</sup>	Friable	Good	Physical	6	None
Lengthwise Fissures			Miscellaneous		Air Erosion		
and Pinholes					Vibration		
Joint Compound	2-3% Chrysotile	247 ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the north and east walls.

# Room 202 Also 202G

Joint	Compound	2-3% Chrysotile	400 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	Refer to ACM Locations Map for further
				Surfacing				information.

### Room 202A

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite Abated Septemb	84 ft <sup>2</sup> er 2011	Friable Miscellaneous	Good	Physical Air Erosion Vibration		6	None
9" Floor Tile and Mastic	Assumed	84 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	¢	N/A*	The 9" floor tile and mastic are assumed ACMs.
Joint Compound	2-3% Chrysotile	253 ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	¢	N/A*	The asbestos joint compound is located on all walls.

#### Room 202B

Joint Compound	23% Chrysotile	160 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The asbestos joint compound is on the north and west walls.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM ASBESTOS TYPE EST. QUANTITY ACM TYPE MATERIAL CONDITION DAMAGE POTENTIAL S = 5 S = 2 S = 2 ASSESS. CAT. <sup>1</sup> NOTES
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#### Room 202C

2'x4' Ceiling Tile with	2% Amosite	50 ft <sup>2</sup>	Friable	Good	Physical		6	None
Lengthwise Fissures	Abated Septemb	er 2011	Miscellaneous		Air Erosion			
and Pinholes					Vibration			
Joint Compound	2-3% Chrysotile	96 ft²	Non-Friable	N/A*	N/A	*	N/A*	The asbestos joint compound is on the east wall.
			Miscellaneous					

# Room 202D Abated October 2011

2'x4' Ceiling Tile with	2% Amosite	150 ft <sup>2</sup>	Friable	Good	Physical	6	None
Lengthwise Fissures			Miscellaneous		Air Erosion		
and Pinholes					Vibration		

## Room 202E

Joint Compound	2-3% Chrysotile	130 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the south
			Miscellaneous				wall.

# Room 203 Abated January 2023

		-						
2'x4' Ceilin	<del>g Tile with</del>	2% Amosite	192 ft <sup>2</sup>	Friable	Good	Physical	6	None
Lengthwise	Fissures			Miscellaneous		Air Erosion		
and Pinhole	25					Vibration		

# Room 204 East Now part of 203

2'x4' Ceiling Tile wi	h 2% Amosite	128 ft²	Friable	Good	Physical	6	None
Lengthwise Fissure	;		Miscellaneous		Air Erosion		
and Pinholes					Vibration		

#### Room 204 West

Joint Compound	2-3% Chrysotile	213 ft <sup>2</sup>	Non-Friable Surfacing	N/A*	N/A*	N/A*	The asbestos joint compound is on the south and west walls.
			Surfacing				west wans.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

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#### Room 204A

ſ	Joint Compound	2-3% Chrysotile	198 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on all walls.
				Surfacing				

#### Room 204B

Joint Compound	2-3% Chrysotile	204 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the north and
			Surfacing				west walls.

#### Room 204C

Joint Compound	2% Chrysotile	205 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the north and
			Surfacing				east walls.

#### Room 204D

Joint Compound	2-3% Chrysotile	285 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the north,
			Surfacing				south, and east walls.

#### Room 204F

Joint Compound	2-3% Chrysotile	105 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the south
			Surfacing				wall.

#### Room 204E

Joint Compound	2-3% Chrysotile	149 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	The asbestos joint compound is on the north and
			Surfacing				east walls.

## LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ACIVI CONDITION FOTENTIAL 5 - CAT.	ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE LOND POTENTIAL	ASSESS. CAT. <sup>1</sup>	NOTES
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## Room 205A

2'x4' Ceiling Tile with	2% Amosite	24 ft <sup>2</sup>	Friable	Good	Physical	6	None
Lengthwise Fissures			Miscellaneous		Air Erosion		
and Pinholes					Vibration		

#### Room 205B

2'x4' Ceiling Tile with	2% Amosite	120 ft²	Friable	Good	Physical	6	None
Lengthwise Fissures			Miscellaneous		Air Erosion		
and Pinholes					Vibration		
Joint Compound	2-3% Chrysotile	60ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The asbestos joint compound is on the west wall.

### Room 205B1

2'x4' Ceiling Tile with	2% Amosite	77 ft²	Friable	Good	Physical	6	None
Lengthwise Fissures			Miscellaneous		Air Erosion		
and Pinholes					Vibration		

## Room 205B2

2'x4' Ceiling Tile with Lengthwise Fissures and Pinholes	2% Amosite	96 ft <sup>2</sup>	Friable Miscellaneous	Good	Physical Air Erosion Vibration	6	None
Joint Compound	2-3% Chrysotile	104 ft²	Non-Friable Miscellaneous	N/A*	N/A*	N/A*	The asbestos joint compound is on the south wall.

# Hallway 288 Abated July 2023

9" Floor Tile and	Assumed	400 ft <sup>2</sup>	Non-Friable	N/A*	N/A*	N/A*	Refer to ACM Locations Map for further
Mastic			Miscellaneous				information.

#### LEGEND No. 0700048 (NDSU) OLD MAIN (BUILDING A001)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE		ASSESS. CAT. <sup>1</sup>	NOTES
Room 310A1								
Transite Panel	Assumed	21 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The transite panel is on the east end of the room; it is assumed ACM.
Central Stairway (Basement - 1 <sup>st</sup> Floor) Now 177S2 Abated May 2018								
12" Ceiling Tile with Fissures and Pinholes	2-3% Amosite	142 ft <sup>2</sup>	Friable Miscellaneous	Good	Air Erosion		6	None

<sup>1</sup>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

End

5) ACM with Potential for Damage

6) ACM with Potential for Significant Damage

7) Any Remaining Friable ACM or Friable Suspected ACM