

## NARRATIVE REPORT

### 1.0 BUILDING INFORMATION

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

Music Education is a four-story, 82,204 ft<sup>2</sup> building which primarily serves as classroom and office areas for performing arts personnel. Minard Hall (A021) is attached to the east side of Music Education and is reported separately.

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

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

### 2.0 ASBESTOS SURVEY INFORMATION

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

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

#### 2.1 Suspect Materials Identified and Sampled

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

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

## 2.2 Asbestos Containing Materials

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

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

## 2.3 Cost Estimates

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

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

## 2.4 Survey Notes

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

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

**Tunnels**

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

**Room 4**

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

**Room 102**

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

**Room 103A**

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

**Room 103B**

|  |               |                     |                              |      |      |  |      |  |
|--|---------------|---------------------|------------------------------|------|------|--|------|--|
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 141 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only. |
|--|---------------|---------------------|------------------------------|------|------|--|------|--|

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

|                     |                |      |                              |      |      |  |      |  |
|---------------------|----------------|------|------------------------------|------|------|--|------|--|
| Red HVAC Duct Caulk | 20% Chrysotile | 1 ea | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The asbestos caulk is around the HVAC duct above the ceiling tile. |
|---------------------|----------------|------|------------------------------|------|------|--|------|--|

**Room 103C**

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

**Room 103D**

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

**Room 103E**

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

**Room 104**

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

Abated May 2009

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSES.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|-----------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|-----------------------------|-------|

**Room 109 and 109A**

|                                       |               |                     |                              |      |      |  |      |  |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 139 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|

**Room 110**

|                                       |               |                     |                              |      |      |  |      |  |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 117 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|

**Room 111**

|                                       |               |                     |                              |      |      |  |      |  |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 720 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|

**Room 113**

|                                       |               |                     |                              |      |      |  |      |  |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 720 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|

**Room 115**

|                                       |               |                     |                              |      |      |  |      |   |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|---|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 181 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|---|

**Room 115A**

|                                       |               |                     |                              |      |      |  |      |   |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|---|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 196 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only; they are under the carpet. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|---|

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

**Room 115B**

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

**Room 115C**

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

**Room 115D**

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

**Room 115E**

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

**Room 116**

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

**Room 116A**

|                                       |               |                     |                              |      |      |  |      |   |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|---|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 840 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|---|

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

|                     |                |       |                              |      |      |  |      |  |
|---------------------|----------------|-------|------------------------------|------|------|--|------|--|
| Red HVAC Duct Caulk | 20% Chrysotile | 26 ea | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The asbestos caulk is around the HVAC duct above the ceiling tile. |
|---------------------|----------------|-------|------------------------------|------|------|--|------|--|

**Room 117**

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

**Room 117B**

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

**Room 118**

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

**Room 118A**

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

**Room 118B**

|  |               |                     |                              |      |      |  |      |  |
|--|---------------|---------------------|------------------------------|------|------|--|------|--|
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 283 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only. |
|--|---------------|---------------------|------------------------------|------|------|--|------|--|

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM        | ASBESTOS TYPE  | EST.<br>QUANTITY | ACM TYPE                     | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES  |
|---------------------|----------------|------------------|------------------------------|-----------------------|---------------------|--------------------|------------------------------|--|
| Red HVAC Duct Caulk | 20% Chrysotile | 3 ea             | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                         | The asbestos caulk is around the HVAC duct above the ceiling tile. |

**Room 118C**

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

**Room 120**

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

**Room 120B**

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

**Room 122**

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

**Room 122A**

|                                       |               |                     |                              |      |      |  |      |  |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|
| Mastic for 12" Tan Marbled Floor Tile | 5% Chrysotile | 198 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A* | N/A* |  | N/A* | The mastic for the 12" floor tile contains asbestos, only. |
|---------------------------------------|---------------|---------------------|------------------------------|------|------|--|------|--|

\* = Non-Friable materials were not assessed



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

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

| ROOM/<br>ACM        | ASBESTOS TYPE  | EST.<br>QUANTITY | ACM TYPE                     | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSES.<br>CAT. <sup>1</sup> | NOTES  |
|---------------------|----------------|------------------|------------------------------|-----------------------|---------------------|--------------------|-----------------------------|--|
| Red HVAC Duct Caulk | 20% Chrysotile | 2 ea             | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                        | The asbestos caulk is around the HVAC duct above the ceiling tile. |

**Hallway 188 (includes all hallways on 1<sup>st</sup> floor)**

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

**Room 202A**

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

**Room 202C**

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

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

**Room 202E**

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

**Room 202F**

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

**Room 207**

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

**Room 210A**

|                                      |                 |      |                |      |                                      |   |   |  |
|--------------------------------------|-----------------|------|----------------|------|--------------------------------------|---|---|--|
| Encapsulant on Fiberglass Insulation | 2-5% Chrysotile | 4 ft | Friable<br>TSI | Good | Physical<br>Air Erosion<br>Vibration | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/><br><input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/><br><input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | 7 | The asbestos encapsulant on fiberglass insulation is along the south wall. |
|--------------------------------------|-----------------|------|----------------|------|--------------------------------------|---|---|--|

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

**Room 213**

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

**Room 216**

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

**Room 218A**

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

**Room 218B**

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

**Room 218C**

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

**Room 218D**

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

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

**Room 218E**

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

**Room 218F**

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

**Room 218G**

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

**Room 218H**

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

**Room 218J**

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

**Room 218K**

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

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSES.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|-----------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|-----------------------------|-------|

**Room 229**

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

**Room 231A**

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

**Room 231B**

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

**Room 231C**

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

**Room 231D**

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

**Room 231E**

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

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM                             | ASBESTOS TYPE | EST.<br>QUANTITY   | ACM TYPE                     | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSES.<br>CAT. <sup>1</sup> | NOTES   |
|--|---------------|--------------------|------------------------------|-----------------------|---------------------|--------------------|-----------------------------|---|
| <b>Room 231F</b>                         |               |                    |                              |                       |                     |                    |                             |   |
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 61 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                        | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |
| <b>Room 233A</b>                         |               |                    |                              |                       |                     |                    |                             |   |
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 61 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                        | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |
| <b>Room 233B</b>                         |               |                    |                              |                       |                     |                    |                             |   |
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 61 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                        | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |
| <b>Room 233C</b>                         |               |                    |                              |                       |                     |                    |                             |   |
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 61 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                        | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |
| <b>Room 233D</b>                         |               |                    |                              |                       |                     |                    |                             |   |
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 61 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                        | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |
| <b>Room 235A</b>                         |               |                    |                              |                       |                     |                    |                             |   |
| Mastic for 12" Tan<br>Marbled Floor Tile | 5% Chrysotile | 61 ft <sup>2</sup> | Non-friable<br>Miscellaneous | N/A*                  | N/A*                |                    | N/A*                        | The mastic for the 12" floor tile contains asbestos, only; they are under carpet. |

\* = Non-Friable materials were not assessed

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

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

| ROOM/<br>ACM | ASBESTOS TYPE | EST.<br>QUANTITY | ACM TYPE | MATERIAL<br>CONDITION | DAMAGE<br>POTENTIAL | LOW<br>MOD<br>HIGH | ASSESS.<br>CAT. <sup>1</sup> | NOTES |
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|
|--------------|---------------|------------------|----------|-----------------------|---------------------|--------------------|------------------------------|-------|

**Room 235B**

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

**Room 235C**

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

**Room 235D**

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

**Room 235E**

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

**Room 235F**

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

**Hallway 288 (includes all hallways on the 2<sup>nd</sup> floor)**

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

\* = Non-Friable materials were not assessed

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

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

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

**Room 301 (included on 4<sup>th</sup> floor ACM Locations Diagram)**

|                     |                |       |                              |      |      |      |      |  |
|---------------------|----------------|-------|------------------------------|------|------|------|------|--|
| Red HVAC Duct Caulk | 20% Chrysotile | 27 ea | Non-friable<br>Miscellaneous | N/A* | N/A* | N/A* | N/A* | The asbestos caulk is around the HVAC duct above the ceiling tile; refer to ACM Locations Map for further information. |
|---------------------|----------------|-------|------------------------------|------|------|------|------|--|

**Attic (included on 4<sup>th</sup> floor ACM Locations Diagram)**

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

**Exterior**

Partial abatement of window caulk June 2016 - Outside caulk trimmed leaving a thin layer between frame and glass.

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

most

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

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

**End**

\* = Non-Friable materials were not assessed