

NARRATIVE REPORT

1.0 BUILDING INFORMATION

The University Village 16 Plex #3 was originally constructed in 1983; the building has had no major renovations.

The University Village 16 Plex #3 is a two-story, 14,381 ft² building which primarily serves as dormitory areas for students.

The interior floor finishes included linoleum, carpet, and concrete; the interior wall finishes included gypsum wallboard and wood; and the interior ceiling finishes included ceiling tile and gypsum wallboard. The roofing system is a peaked asphalt-shingled roof and the exterior of the structure is stucco, brick, and vinyl.

The piping systems were insulated; fiberglass insulation (without hard fittings) is located throughout the building. Domestic water enters the building in the laundry room; one small natural gas boiler is located in the mechanical room. HVAC systems located in the building consisted of steam radiators and limited quantity of electric baseboard heaters.

2.0 ASBESTOS SURVEY INFORMATION

The University Village 16 Plex #3 was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 9" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 9" for methodologies, definitions, and other pertinent supporting information.

The University Village 16 Plex #3 was "representatively" sampled by LEGEND as directed by NDSU. LEGEND walked through the building and visually inspected the common areas and room 291 (a dormitory room); these were the only areas LEGEND was granted access to by NDSU. For the purpose of this report, other dormitory rooms are assumed to be of identical construction to room 291.

A total of 62 samples were collected from suspect asbestos-containing materials (ACM) from the University Village 16 Plex #3 on September 10, 2007 and an additional 1 sample was collected on January 2, 2008. Laboratory analysis results indicate **1 of these samples tested positive for asbestos.**

2.1 Suspect Materials Identified and Sampled

Gypsum Wallboard (2 types)	Joint Compound (2 types)
Ceiling Texture	Wall Texture (2 types)
Ceiling Tile (3 types)	Linoleum (2 types)
Underlayment Paper for Linoleum (2 types)	Sink Undercoating
Carpet Mastic	Baseboard Adhesive
Encapsulant on Fiberglass Insulation	Floor Tile
Floor Tile Mastic	Stair Tread
Stair Tread Adhesive	Exterior Stucco
Exterior Building Seam Caulk	Exterior Window Caulk
Window Glazing on Door	Roof Flashing (2 types)
Asphalt Shingle (2 types)	Roof Tarpaper

Penetration Putty (on natural gas pipe)

Exterior Door Caulk

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 **Asbestos Containing Materials**

Window Glazing on Door

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 University Village 16 Plex #3 as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Window Glazing	1 ea	\$225.00/ ft ²	\$225.00
Total Estimated Abatement Costs:			\$225.00

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

LEGEND No. 0700048 (NDSU)
 UNIVERSITY VILLAGE 16 PLEX #3 (BUILDING A092)

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

Window Glazing on Door	8% Chrysotile	1 ea	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The door is in the southwest corner of the room; the entry door.
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¹Assessment Categories:

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| 1) Damaged or Significantly Damaged TSI ACM | 5) ACM with Potential for Damage |
| 2) Damaged Friable Surfacing ACM | 6) ACM with Potential for Significant Damage |
| 3) Significantly Damaged Friable Surfacing ACM | 7) Any Remaining Friable ACM or Friable Suspected ACM |
| 4) Damaged or Significantly Damaged Friable Miscellaneous ACM | |

End