

OSWEGO STATE UNIVERSITY OF NEW YORK
OSWEGO, NEW YORK

ASBESTOS TECHNICAL MEMORANDUM RESIDENT HALL FEASIBILITY STUDY

Prepared For:

Woolley Morris Architects
313 Willow Street
Syracuse, New York 13203

Prepared By:

Lu Engineers
2230 Penfield Road
Penfield, New York 14526

November 2004

Project No. 35301

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12/01/04*



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TECHNICAL MEMORANDUM

TO: Woolley Morris Architects
313 Willow Street
Syracuse, NY 13203

ATTN: Amanda Oberlender
Project Manager

FROM: Roy Green, Lu Engineers
Project Engineer

DATE: November 10, 2004

RE: Oswego State University of New York
Resident Hall – Feasibility Study
Asbestos Technical Memorandum
Lu Project No. 35301-114

SUBJECT: Limited Asbestos Survey

INTRODUCTION

Lu Engineers was contracted by Woolley Morris Architects to provide a limited asbestos survey of ten (10) residence buildings at the Oswego State University of New York Campus. The survey was necessary to determine the potential asbestos impacts of five scopes of services (Roof, Façade, Window, Elevator, and Fire Alarm System) included in a Resident Hall Feasibility Study. The residence halls subject to the limited asbestos survey includes:

- Oneida (Bldg 36 – 105,000 SF – Occupied in 1970),
- Cayuga (Bldg 33 – 105,072 SF – Occupied in 1967),
- Onondaga (Bldg 34 – 152,548 SF – Occupied in 1968),
- Seneca (Bldg 32 – 152,548 SF – Occupied in 1967),
- Funnelle (Bldg 48 – 114,365 SF – Occupied in 1965),
- Scales (Bldg 45 – 57,464 SF – Occupied in 1960),
- Waterbury (Bldg 44 – 57,464 SF – Occupied in 1960),
- Mackin Complex (Bldg 15 – Common Areas – Occupied in 1951),
- Moreland (Bldg 15A – 29,400 SF – Occupied in 1951), and
- Lonis (Bldg 15B – 32,285 SF – Occupied in 1951).

The asbestos survey was limited to general areas that could be impacted by the various scopes included in the feasibility study. The results of the limited asbestos survey are presented in this technical memorandum.

PROJECT OVERVIEW

West Campus (Oneida, Onondaga, Seneca, and Cayuga) window sections from the original record plans were reviewed prior to the limited asbestos survey. In addition, the March 1987 Hall-Kimbrell Asbestos Assessment Study Program Report (volume II of V), was reviewed prior to the limited asbestos survey.

Lu Engineers conducted the limited asbestos survey on August 3, 6, 19, and 20, 2004 and September 15, 16, 17, 20, and 21, 2004.

ASBESTOS BULK SAMPLING

Representative bulk samples of suspect asbestos containing materials were collected by NYSDOL certified inspectors from Lu Engineers. A copy of Lu Engineers' license and the inspectors' certifications can be found in Attachment A.

Friable bulk samples were analyzed using NYS ELAP Method 198.1 (Polarized Light Microscopy (PLM)). Non-friable organically bound (NOB) samples were analyzed using NYS ELAP Method 198.1 (PLM) and/or NYS ELAP Method 198.4 (Transmission Electron Microscopy (TEM)). LaBella Associates, P.C., Analytical Laboratory was the NYSDOH and NELAP approved laboratory used for analysis. A copy of LaBella's credentials can be found in Attachment A.

Three hundred eleven (311) bulk samples were collected, all of which were sent in for laboratory analysis.

The bulk sample locations are indicated on the bulk sample location sketch included in Attachment B. The sample identification number indicated on the sketch corresponds to the identification number on the laboratory analytical report, the bulk sample log, and the chain of custody forms, which are all included in Attachment C.

ASBESTOS RESULTS / FINDINGS

As defined by the NYSDOL 12NYCRR 56, a sample is considered to be asbestos containing if it contains greater than 1% asbestos by weight based on laboratory analysis.

Table 1 below lists the results of the asbestos bulk sampling conducted for the feasibility study. The number in parenthesis in the table heading corresponds to the campus building number. Bold rows emphasize materials that are considered asbestos containing.

ONEIDA HALL:		TABLE 1-(36)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
ONE-EXT-3	EXTERIOR	WINDOW FRAME CAULK— GREY	NONE DETECTED
ONE-EXT-4	EXTERIOR	WINDOW FRAME PANEL CAULK-- BLACK	NONE DETECTED
ONE-EXT-5	EXTERIOR	WINDOW FRAME CAULK— TAN	NONE DETECTED
ONE-EXT-6	EXTERIOR	WINDOW FRAME CAULK— PEACH	NONE DETECTED
ONE-EXT-7	EXTERIOR	WINDOW FRAME CAULK— BROWNISH GREY	<1% CHRYBOTILE
ONE-E1-8	ELEVATOR #1	ELEVATOR CART PANELING—GREY	NONE DETECTED
ONE-E1-9	ELEVATOR #1	ELEVATOR CART MATT BACKING TAR PAPER	NONE DETECTED
ONE-B3-10	BASEMENT, STORAGE ROOM	1'X1' ACT-WHITE Z-SPLINE	NONE DETECTED
ONE-B3-11A	BASEMENT, STORAGE ROOM	PLASTER WALL - WHITE TOP COAT	NONE DETECTED
ONE-B3-11B	BASEMENT, STORAGE ROOM	PLASTER WALL - GREY ROUGH COAT	NONE DETECTED
ONE-B3-12	BASEMENT, STORAGE ROOM	FIBERGLASS PIPE WRAP - OFF WHITE CLOTH COVER	NONE DETECTED
ONE-B3-13	BASEMENT, STORAGE ROOM	MUDDER FITTING, GREY	33% CHRYBOTILE
ONE-100-14	FIRST FLOOR, ELEVATOR AREA	WALL PAPER—THICK & SHINY	NONE DETECTED
ONE-100-15	FIRST FLOOR, ELEVATOR AREA	2'X2' SAT, WHITE W/STUCCO TEXTURE	NONE DETECTED
ONE-A-16	SECOND FLOOR ELEVATOR AREA	SPRAY-ON ACOUSTICAL CEILING PLASTER - WHITE	10% CHRYBOTILE
ONE-C-17	SECOND FLOOR - LOUNGE HALLWAY	2'X2' SAT--TECTUM	NONE DETECTED
ONE-E-18	THIRD FLOOR— JANITOR'S CLOSET	12"X12" FLOOR TILE - OFF WHITE W/ GREY STREAKS	1.8% CHRYBOTILE
ONE-E-18A	THIRD FLOOR—JANITOR'S CLOSET	BLACK MASTIC	NONE DETECTED
ONE-100-19	FIRST FLOOR JANITOR'S CLOSET	BLACK SLATE FLOOR	NONE DETECTED

CAYUGA HALL:		TABLE 1-(33)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
CAY-EXT-1	EXTERIOR	DOOR FRAME CAULK— BLACK	NONE DETECTED

CAYUGA HALL:

TABLE 1-(33)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
CAY-EXT-2	EXTERIOR	WINDOW FRAME CAULK—GREY	NONE DETECTED
CAY-EXT-3	EXTERIOR	WINDOW FRAME CAULK—TAN	NONE DETECTED
CAY-EXT-4	EXTERIOR	PANEL CAULK—BLACK	NONE DETECTED
CAY-EXT-5	EXTERIOR	WINDOW GLAZING—BROWN	16% CHRYSOTILE
CAY-B1-6	BASEMENT, ELEVATOR AREA	9"X9" FLOOR TILE—OFF WHITE W/ BEIGE SPECKS	19% CHRYSOTILE
CAY-B1-6A	BASEMENT, ELEVATOR AREA	BLACK MASTIC	NONE DETECTED
CAY-B1-7	BASEMENT, ELEVATOR AREA	2'X2' SAT -- TECTUM	NONE DETECTED
CAY-B2-8	BASEMENT, ELEVATOR SERVICE	FIBERGLASS PIPE WRAP – WHITE CLOTH COVER	NONE DETECTED
CAY-B2-9	BASEMENT, ELEVATOR SERVICE	MUDDER FITTING -- GREY	40% CHRYSOTILE
CAY-E1-10	BASEMENT, ELEVATOR 1	ELEVATOR CART PANELING, GREY	NONE DETECTED
CAY-E1-11	BASEMENT, ELEVATOR 1	12"X12" FLOOR TILE – GREEN W/ WHITE SPECKS	NONE DETECTED
CAY-E1-11A	BASEMENT, ELEVATOR 1	BLACK MASTIC	NONE DETECTED
CAY-100-12	FIRST FLOOR, ELEVATOR AREA	WALL PAPER, THICK & SHINY	NONE DETECTED
CAY-100-13A	FIRST FLOOR, ELEVATOR AREA	DRYWALL JOINT COMPOUND — GREY	NONE DETECTED
CAY-100-13B	FIRST FLOOR, ELEVATOR AREA	DRYWALL WALL – GREY	NONE DETECTED
CAY-101-14	FIRST FLOOR, HALLWAY	2'X2' SAT – WHITE STUCCO	NONE DETECTED
CAY-102-15	FIRST FLOOR, JANITOR'S CLOSET	SPRAY-ON ACOUSTICAL CEILING PLASTER	10% CHRYSOTILE
CAY-E1-16	ELEVATOR 1	GREY FIBROUS INSULATION INSIDE ELEVATOR DOOR	28% CHRYSOTILE
CAY-A-17	THIRD FLOOR, HALLWAY	1'X1' ACT – WHITE / PAINTED (GLUED ON)	NONE DETECTED
CAY-A-17A	THIRD FLOOR, HALLWAY	GLUE PUCKS, DARK BROWN (UNDER #17)	<1% CHRYSOTILE
CAY-104-17A-B	FIRST FLOOR	GLUE PUCKS, DARK BROWN	NONE DETECTED
CAY-B5-18A	BASEMENT, ENTRANCE	PLASTER WALL – WHITE TOP COAT	NONE DETECTED
CAY-B5-18B	BASEMENT, ENTRANCE	PLASTER WALL – GREY ROUGH COAT	NONE DETECTED

CAYUGA HALL:		TABLE 1-(33)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
CAY-B6-19	BASEMENT, REC. ROOM	WHITE TEXTURED PLASTER WALL – FINISH COAT ON TOP OF (18A)	NONE DETECTED
CAY-B6-20	BASEMENT, REC. ROOM	1'X1' ACT OFF-WHITE ACT (Z-SPLINE)	NONE DETECTED

ONONDAGA HALL:		TABLE 1-(34)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
ONO-EXT-1	EXTERIOR	DOOR FRAME CAULK – BLACK	NONE DETECTED
ONO-EXT-2	EXTERIOR	JOINT CAULK – PEACH	NONE DETECTED
ONO-EXT-3	EXTERIOR	WINDOW FRAME CAULK – GREY	NONE DETECTED
ONO-EXT-4	EXTERIOR	WINDOW PANEL CAULK – BROWN	NONE DETECTED
ONO-EXT-5	EXTERIOR	BLACK TAR PAPER	NONE DETECTED
ONO-EXT-6	EXTERIOR	WINDOW GLAZING – BROWN	<1% CHRYSOTILE
ONO-B1-7	BASEMENT, ELEVATOR AREA	9"X9" FLOOR TILE—OFF WHITE W/ BEIGE SPECKS	20% CHRYSOTILE
ONO-B1-7A	BASEMENT, ELEVATOR AREA	BLACK MASTIC	NONE DETECTED
ONO-B2-8	BASEMENT, ELEVATOR AREA	2'X2' SAT—WHITE TEXTURED	NONE DETECTED
ONO-B1-9	BASEMENT, ELEVATOR AREA	SAT – TECTUM	NONE DETECTED
ONO-B1-10A	BASEMENT, ELEVATOR AREA	DRYWALL WALL—GREY	NONE DETECTED
ONO-B1-10B	BASEMENT, ELEVATOR AREA	DRYWALL WALL—JOINT COMPOUND -- WHITE	NONE DETECTED
ONO-B2-11	BASEMENT, HALLWAY	WALL PAPER—THICK & SHINY	NONE DETECTED
ONO-B3-12	BASEMENT, TRASH & RECYCLE AREA	WHITE CLOTH COVER	NONE DETECTED
ONO-B3-13	BASEMENT, TRASH & RECYCLE AREA	MUDDER FITTING— BROWN	12% CHRYSOTILE
ONO-E2-14	ELEVATOR #2	12"X12" FLOOR TILE— GREEN W/ WHITE SPECKS	NONE DETECTED
ONO-E2-14A	ELEVATOR #2	BROWN GLUE	NONE DETECTED
ONO-E2-15	ELEVATOR #2	BROWN PANELING	NONE DETECTED
ONO-E4-16	ELEVATOR #4	12"X12" FLOOR TILE— GREY	NONE DETECTED

ONONDAGA HALL:		TABLE 1-(34)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
ONO-E4-16A	ELEVATOR #4	BROWN MASTIC	NONE DETECTED
ONO-100-17	FIRST FLOOR, ELEVATOR AREA	1'X1' ACT-WHITE Z-SPLINE	NONE DETECTED
ONO-A-18	2 ND FLOOR, ELEVATOR AREA	1'X1' ACT-SMALL HOLES & SMALL CRATERS	NONE DETECTED
ONO-A-18A	2 ND FLOOR, ELEVATOR AREA	BROWN GLUE PUCKS (UNDER 18)	NONE DETECTED
ONO-A-18A-B	10 TH FLOOR HALLWAY	BROWN GLUE PUCKS	NONE DETECTED
ONO-B-19	2ND FLOOR, SUITE LOUNGE	SPRAY-ON ACOUSTICAL CEILING PLASTER—WHITE	10% CHRYSOTILE
ONO-R1-20	PENTHOUSE—WALL PANELS	TAN JOINT CAULK	NONE DETECTED
EXT-W-1	INSIDE FRAME, BETWEEN BUILDING AND FRAME	RUBBERY WINDOW FRAME CAULK—BEIGE	NONE DETECTED
EXT-W-2	INSIDE FRAME, BETWEEN BUILDING AND FRAME	HARD WINDOW FRAME CAULK—GREY	NONE DETECTED
ONO-B2-21A	BASEMENT, HALLWAY	PLASTER ON COLUMNS—WHITE TOP COAT	NONE DETECTED
ONO-B2-21B	BASEMENT, HALLWAY	PLASTER ON COLUMNS—BROWN ROUGH COAT	NONE DETECTED

SENECA HALL:		TABLE 1-(32)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
SEN-B1-1	BASEMENT, ELEVATOR AREA	9"X9" FLOOR TILE—OFF WHITE W/ BEIGE STREAKS	19% CHRYSOTILE
SEN-B1-1A	BASEMENT, ELEVATOR AREA	BLACK MASTIC	NONE DETECTED
SEN-B1-2A	BASEMENT, ELEVATOR AREA	DRYWALL WALL—JOINT COMPOUND—WHITE	NONE DETECTED
SEN-B1-2B	BASEMENT, ELEVATOR AREA	DRYWALL WALL—GREY	NONE DETECTED
SEN-B1-3	BASEMENT, ELEVATOR AREA	2'X2' SAT—WHITE TEXTURED	NONE DETECTED
SEN-B1-4	BASEMENT, ELEVATOR AREA	1'X1' WHITE ACT—Z-SPLINE	NONE DETECTED
SEN-E2-5	BASEMENT, ELEVATOR AREA	DARK GREY PANELING (INSIDE ELEVATOR CART)	NONE DETECTED
SEN-B3-6	BASEMENT, STORAGE AREA	BLACK PAPER PIPE WRAP COVER	NONE DETECTED
SEN-B3-7	BASEMENT, STORAGE AREA	BROWN MUDDED FITTINGS	13% CHRYSOTILE

SENECA HALL:

TABLE 1-(32)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
SEN-B4-8	BASEMENT, STORAGE AREA	2'X2' SAT—TECTUM	NONE DETECTED
SEN-B1-9	BASEMENT, ELEVATOR AREA	BROWN PAPER BACKING UNDER FOIL, OVER YELLOW FIBERGLASS DUCT INSULATION	NONE DETECTED
SEN-101-10	FIRST FLOOR, HALLWAY	THICK & SHINY WALL PAPER	NONE DETECTED
SEN-102-11	FIRST FLOOR, HALLWAY	2'X2' SAT—WHITE W/STUCCO TEXTURE	NONE DETECTED
SEN-A-12	SECOND FLOOR, ELEVATOR AREA	1'X1' ACT—WHITE W/ SMALL HOLES & SMALL CRATERS	NONE DETECTED
SEN-A-12A	SECOND FLOOR, ELEVATOR AREA	DARK BROWN GLUE PUCKS (UNDER 12)	<1% CHRYSOTILE
SEN-F-13	SECOND FLOOR, DORM ROOM	SPRAY-ON CEILING ACOUSTICAL PLASTER—LT. GREY	10% CHRYSOTILE
SEN-R1-14	ROOF	DOOR FRAME CAULK—GREY	NONE DETECTED
SEN-EXT-15	EXTERIOR	PANEL CAULK—GREY	10% CHRYSOTILE
SEN-EXT-16	EXTERIOR	WINDOW FRAME CAULK—GREY	NONE DETECTED
SEN-EXT-17	EXTERIOR	JOINT CAULK—GREY	NONE DETECTED
SEN-EXT-18	EXTERIOR	DOOR FRAME CAULK—BLACK	NONE DETECTED
SEN-EXT-19	EXTERIOR	TAR PAPER ON FOOTERS—BLACK	NONE DETECTED
SEN-EXT-20	EXTERIOR	WINDOW GLAZING—BROWN	1.8% CHRYSOTILE
SEN-B7-21	BASEMENT, HALLWAY	PLASTER ON COLUMNS—GREY	NONE DETECTED
SEN-B8-22	BASEMENT, BACK WALL OF BOILER ROOM	PLASTER WALL—WHITE	NONE DETECTED
SEN-B9-23	BASEMENT, BATHROOM	GREEN FELT PAPER UNDER FIBERGLASS BACKED METAL PAN CEILINGS	NONE DETECTED
SEN-EXT-24	ROOF, BETWEEN COPING STONES	STICKY GREY STONE COPING CAULK	NONE DETECTED
SEN-EXT-25	ROOF, SPORADIC BETWEEN STONE CAPS, REMNANTS ON COUNTER FLASHINGS	ROOF PATCHING TAR—BLACK,	17% CHRYSOTILE

FUNNELLE HALL:

TABLE 1-(48)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
FUN-E1-1	ELEVATOR E1	9"X9" FLOOR TILE – BLACK W/ WHITE SPECS	NONE DETECTED
FUN-E1-1A	ELEVATOR E1	LIGHT BROWN MASTIC (UNDER 1)	NONE DETECTED
FUN-B1-2	BASEMENT, ELEVATOR LOBBY	9"X9" FLOOR TILE – BEIGE W/ WHITE & BROWN STREAKS	17% CHRYSOTILE
FUN-B1-2A	BASEMENT, ELEVATOR LOBBY	BLACK MASTIC	NONE DETECTED
FUN-B1-3	BASEMENT, ELEVATOR LOBBY	BLACK COVE MOLDING	NONE DETECTED
FUN-B1-3A	BASEMENT, ELEVATOR LOBBY	TAN COVE MOLDING MASTIC	NONE DETECTED
FUN-B1-4A-A	BASEMENT, ELEVATOR LOBBY	PLASTER WALL—WHITE TOP COAT	NONE DETECTED
FUN-B1-4B-A	BASEMENT, ELEVATOR LOBBY	PLASTER WALL—GREY ROUGH COAT	NONE DETECTED
FUN-B1-5	BASEMENT, ELEVATOR LOBBY	2'X2' WHITE CEILING TILE W/ TINY HOLES (TRANSITE)	12% CHRYSOTILE
FUN-B1-6	BASEMENT, ELEVATOR LOBBY	2'X2' BROWN FIBERBOARD	NONE DETECTED
FUN-B1-7	BASEMENT, ELEVATOR LOBBY	BLACK WOOD GLUE	10% CHRYSOTILE
FUN-B2-8	BASEMENT, IN FRONT OF INCINERATOR ROOM	1'X1' ACT—OFF WHITE	NONE DETECTED
FUN-B4-9	BASEMENT, MECHANICAL ROOM—STORAGE	GREY CLOTH COVER (PIPE WRAP)	NONE DETECTED
FUN-B5-10	BASEMENT, STAIRWELL ENTRANCE	GREY DOOR SYSTEM GLAZING	10% CHRYSOTILE
FUN-100-11	1 ST FLOOR, ELEVATOR LOBBY	1'X2' WHITE ACT W/CRATERS – Z-SPLINE	NONE DETECTED
FUN-100-12-A	1 ST FLOOR, ELEVATOR LOBBY	WHITE PLASTER CEILING	NONE DETECTED
FUN-200-13	2ND FLOOR, ELEVATOR LOBBY	9"X9" FLOOR TILE—TAN SPECKLED	12% CHRYSOTILE
FUN-200-13A	2 ND FLOOR, ELEVATOR LOBBY	BLACK MASTIC	<1% CHRYSOTILE
FUN-200-14	2 ND FLOOR, ELEVATOR LOBBY	CLOTH WALL PAPER—OFF WHITE	NONE DETECTED
FUN-200-4A-B	2 ND FLOOR, ELEVATOR LOBBY	WHITE PLASTER WALL—TOP COAT	NONE DETECTED
FUN-200-4B-B	2 ND FLOOR, ELEVATOR LOBBY	GREY PLASTER WALL—GREY COAT	NONE DETECTED

FUNNELLE HALL:

TABLE 1-(48)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
FUN-201-15	2 ND FLOOR, SITTING LOUNGE	GREY WINDOW FRAME CAULK	NONE DETECTED
FUN-201-16	2 ND FLOOR, SITTING LOUNGE	BLACK WINDOW SILL – TOP	NONE DETECTED
FUN-301-17	3 RD FLOOR, LOUNGE	GREY WINDOW GLAZING	<1% CHRYSOTILE
FUN-EXT-18	3 RD FLOOR, LOUNGE – EXTERIOR	WHITE, STICKY EXTERIOR WINDOW FRAME CAULK	NONE DETECTED
FUN-301-8A	3 RD FLOOR, LOUNGE	BROWN GLUE PUCKS	NONE DETECTED
FUN-900-12-B	9 TH FLOOR, ELEVATOR LOBBY	PLASTER CEILING, WHITE TOP COAT	NONE DETECTED
FUN-900-12A-B	9 TH FLOOR, ELEVATOR LOBBY	PLASTER CEILING, GREY ROUGH COAT	NONE DETECTED
FUN-ROOF-19	ROOF	LIGHT GREY DOOR FRAME CAULK	NONE DETECTED
FUN-ROOF-20	ROOF	BROWN DOOR FRAME CAULK--BRITTLE	10% CHRYSOTILE
FUN-ROOF-21	ROOF	BUILDING JOINT CAULK— GREY	NONE DETECTED
FUN-EXT-22	EXTERIOR	MORTAR BETWEEN MARBLE	NONE DETECTED
FUN-EXT-23	EXTERIOR	GREY SIDEWALK JOINT CAULK	NONE DETECTED
FUN-EXT-24	EXTERIOR	BROWN CAULK BETWEEN MARBLE & BUILDING	NONE DETECTED
FUN-EXT-25	EXTERIOR	WHITE WINDOW GLAZING	NONE DETECTED
FUN-EXT-26	EXTERIOR	GREY DOOR FRAME CAULK	10% CHRYSOTILE
FUN-A-27	1ST FLOOR TYPICAL DORM	FIRE DOOR (INSIDE INSULATION)-- WHITE	15% CHRYSOTILE
FUN-A-28	8 TH FLOOR, TYPICAL DORM ROOM	WHITE PLASTER (SOFFIT)	NONE DETECTED
FUN-601-17-B	6 TH FLOOR, LOUNGE AREA	GREY WINDOW FRAME CAULK	NONE DETECTED
FUN-601-29	6 TH FLOOR, LOUNGE AREA	CREAM WINDOW FRAME CAULK – INTERIOR	NONE DETECTED
FUN-601-8A-B	6 TH FLOOR, LOUNGE AREA	BROWN GLUE PUCKS	NONE DETECTED
FUN-EXT-30	ROOF	LIGHT GREY COPING STONE CAULK	10% CHRYSOTILE

SCALES HALL:		TABLE 1-(45)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
SCA-EXT-1	EXTERIOR	OFF-WHITE WINDOW GLAZING CAULK	NONE DETECTED
SCA-EXT-2	EXTERIOR	BEIGE DOOR FRAME CAULK – SOFT PLIABLE	10% CHRYSOTILE
SCA-EXT-3	EXTERIOR	GREY DOOR FRAME CAULK—HARD BRITTLE	<1% CHRYSOTILE
SCA-EXT-4	EXTERIOR	GREY JOINT CAULK	<1% CHRYSOTILE
SCA-EXT-5	EXTERIOR	GREY WINDOW FRAME CAULK – OLD	10% CHRYSOTILE
SCA-EXT-6	EXTERIOR	OFF-WHITE WINDOW FRAME CAULK	NONE DETECTED
SCA-EXT-7	EXTERIOR	GREY JOINT CAULK – SOFT	10% CHRYSOTILE
SCA-EXT-8	EXTERIOR	DOOR FRAME CAULK— LIGHT GREY	10% CHRYSOTILE
SCA-EXT-9	EXTERIOR	GREY WINDOW GLAZING	NONE DETECTED
SCA-EXT-10	EXTERIOR	DOOR FRAME CAULK – BEIGE	10% CHRYSOTILE
SCA-100-11	100 – LOBBY	1'X1' ACT – WHITE	NONE DETECTED
SCA-100-12	100 – LOBBY	9"X9" FLOOR TILE – SEA FOAM GREEN	14% CHRYSOTILE
SCA-100-12A	100 – LOBBY	BLACK MASTIC	NONE DETECTED
SCA-101-13A-A	101 – POST OFFICE	PLASTER WALL – WHITE TOP COAT	NONE DETECTED
SCA-101-13B-A	101 – POST OFFICE	PLASTER WALL – BROWN ROUGH COAT	NONE DETECTED
SCA-103-14	103 – LOUNGE	DRYWALL WALL – WHITE	NONE DETECTED
SCA-103-15	103 – LOUNGE	WAINSCOTING GLUE -- BROWN	NONE DETECTED
SCA-A-13A-B	2 ND FLOOR TYPICAL DORM ROOM	PLASTER WALL – WHITE COAT	NONE DETECTED
SCA-A-13B-B	2 ND FLOOR TYPICAL DORM ROOM	PLASTER WALL – BROWN ROUGH COAT	NONE DETECTED
SCA-A-16-A	2 ND FLOOR TYPICAL DORM ROOM	WHITE PLASTER CEILING	NONE DETECTED
SCA-104-17	STAIRWELL – 1 ST FLOOR	9"X9" FLOOR TILE – WHITE W/ BLACK STREAKS	18% CHRYSOTILE
SCA-104-17A	STAIRWELL – 1 ST FLOOR	BLACK MASTIC	NONE DETECTED

SCALES HALL:

TABLE 1-(45)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
SCA-105-18	HALLWAY - 1 ST FLOOR	TECTUM SAT	NONE DETECTED
SCA-105-19	HALLWAY - 1 ST FLOOR	THICK SHINY WALLPAPER	NONE DETECTED
SCA-106-20	LOUNGE - 1 ST FLOOR	DARK BROWN GLUE PUCKS	NONE DETECTED
SCA-106-21	LOUNGE - 1 ST FLOOR	1'X1' ACT—WHITE W/ LARGE CRATERS	NONE DETECTED
SCA-107-22	TRANSITION AREA - 1 ST FLOOR	SOFT WHITE WALL PLASTER	NONE DETECTED
SCA-107-23	TRANSITION AREA - 1 ST FLOOR	BLACK WATERPROOFING	NONE DETECTED
SCA-108-24	FIRST FLOOR, BOYS BATHROOM	LIGHT BLUE CERAMIC TILE	NONE DETECTED
SCA-108-25	FIRST FLOOR, BOYS BATHROOM	WHITE GROUT	NONE DETECTED
SCA-108-26	FIRST FLOOR, BOYS BATHROOM	REPAIR GLUE - TAN	NONE DETECTED
SCA-EXT-26	EXTERIOR—BETWEEN COPING STONE	GREY CAULK	<1% CHRYSOTILE
SCA-EXT-27	EXTERIOR	GREY MORTAR	NONE DETECTED
SCA-EXT-28	EXTERIOR	ORANGE BRICK	NONE DETECTED
SCA-108-27	FIRST FLOOR, BOYS BATHROOM	BROWN SET BED	NONE DETECTED
SCA-108-28	FIRST FLOOR, BOYS BATHROOM	WHITE SAT 2'X2'	NONE DETECTED
SCA-110-29	FIRST FLOOR, GIRLS BATHROOM	PINK CERAMIC TILE	NONE DETECTED
SCA-110-30	FIRST FLOOR, GIRLS BATHROOM	WHITE GROUT	NONE DETECTED
SCA-110-31	FIRST FLOOR, GIRLS BATHROOM	GREY SET BED	NONE DETECTED
SCA-B4-32	BASEMENT, LAUNDRY ROOM	CLOTH OVER AIRCELL PIPE WRAP - CREAM	10% CHRYSOTILE
SCA-B4-33	BASEMENT, LAUNDRY ROOM	AIRCELL PIPE WRAP - GREY	70% CHRYSOTILE
SCA-B4-34	BASEMENT, LAUNDRY ROOM	MUDDY FITTING - LIGHT GREY	20% CHRYSOTILE
SCA-B12-35	BASEMENT, MECHANICAL ROOM	FIBERGLASS CEILING, YELLOW	NONE DETECTED
SCA-B4-36	BASEMENT, ELECTRICAL ROOM	FIBERGLASS CEILING -- GLUE	NONE DETECTED
SCA-EXT-37	EXTERIOR, DOOR SYSTEM #1	GREY SIDE LIGHT GLAZING	NONE DETECTED

WATERBURY HALL:

TABLE 1-(44)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
WAT-EXT-1	EXTERIOR	WINDOW CAULK -- WHITE	NONE DETECTED
WAT-EXT-2	EXTERIOR	DOOR SYSTEM FRAME CAULK - GREY	10% CHRYSOTILE
WAT-EXT-3	EXTERIOR	OLD WINDOW FRAME CAULK -- GREY	10% CHRYSOTILE
WAT-EXT-4	EXTERIOR	WINDOW FRAME CAULK -- OFF WHITE / STICKY	NONE DETECTED
WAT-EXT-5	EXTERIOR	DOOR SYSTEM FRAME CAULK - LIGHT GREY	10% CHRYSOTILE
WAT-EXT-6	EXTERIOR	GREY DOOR SYSTEM WINDOW GLAZING - HARD/BRITTLE	NONE DETECTED
WAT-EXT-7	EXTERIOR	DOOR SYSTEM FRAME CAULK - GREY/BRITTLE	10% CHRYSOTILE
WAT-100-8	1 ST FLOOR LOBBY	1'X1' ACT, WHITE W/ LARGE CRATERS	NONE DETECTED
WAT-100-9	1 ST FLOOR LOBBY	9"X9" FLOOR TILE - LIGHT GREY	13% CHRYSOTILE
WAT-100-9A	1 ST FLOOR LOBBY	BLACK MASTIC	15% CHRYSOTILE
WAT-101-10	1 ST FLOOR STAIR AREA	BLACK TAR	NONE DETECTED
WAT-101-11	1 ST FLOOR STAIR AREA	SOFT PLASTER ON WALL - WHITE	NONE DETECTED
WAT-A-12A-A	3 RD FLOOR, TYPICAL DORM	PLASTER CEILING, WHITE TOP COAT	NONE DETECTED
WAT-A-12B-A	3 RD FLOOR, TYPICAL DORM	PLASTER CEILING, GREY ROUGH COAT	NONE DETECTED
WAT-A-13A-A	3 RD FLOOR, TYPICAL DORM	PLASTER WALL, YELLOW TOP COAT	NONE DETECTED
WAT-A-13B-A	3 RD FLOOR, TYPICAL DORM	PLASTER WALL, GREY ROUGH COAT	NONE DETECTED
WAT-102-14	1 ST FLOOR, POST OFFICE	1'X1' ACT - WHITE	NONE DETECTED
WAT-102-15	1 ST FLOOR, POST OFFICE	THICK FLEXIBLE WALL PAPER	NONE DETECTED
WAT-103-16	1 ST FLOOR, LOUNGE	WALLBOARD	NONE DETECTED
WAT-102-17	1 ST FLOOR, CORRIDOR	TECTUM CEILING	NONE DETECTED
WAT-102-18	1 ST FLOOR, CORRIDOR	9"X9" FLOOR TILE, GREY W/ WHITE & BLACK STREAKS	8% CHRYSOTILE

WATERBURY HALL:		TABLE 1-(44)	
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
WAT-102-18A	1 ST FLOOR, CORRIDOR	BLACK MASTIC	16% CHRYBOTILE
WAT-104-19A-A	1 ST FLOOR, JANITOR'S CLOSET	PLASTER WALL, WHITE TOP COAT	NONE DETECTED
WAT-104-19B-A	1 ST FLOOR, JANITOR'S CLOSET	PLASTER WALL, GREY ROUGH COAT	NONE DETECTED
WAT-104-20	1 ST FLOOR, JANITOR'S CLOSET	CLOTH OVER AIRCELL -- CREAM	NONE DETECTED
WAT-104-21	1 ST FLOOR, JANITOR'S CLOSET	AIRCELL PIPE WRAP	75% CHRYBOTILE
WAT-104-22	1 ST FLOOR, JANITOR'S CLOSET	MUDDED FITTING, GREY	NONE DETECTED
WAT-107-23	FIRST FLOOR, BOY'S BATHROOM	YELLOW CERAMIC WALL TILE	NONE DETECTED
WAT-107-24	FIRST FLOOR, BOY'S BATHROOM	WHITE GROUT	NONE DETECTED
WAT-107-25	FIRST FLOOR, BOY'S BATHROOM	GREY MUDSET	NONE DETECTED
WAT-B2-26	BASEMENT, CORRIDOR	THICK SHINY WALL PAPER	NONE DETECTED
WAT-B9-27	BASEMENT, BOY'S BATHROOM	PLASTER CEILING, WHITE	NONE DETECTED
WAT-B13-28	BASEMENT, MECHANICAL ROOM	FIBERGLASS CEILING GLUE, BROWN	NONE DETECTED
WAT-106-29	BASEMENT, EAST STAIRWELL	DARK BROWN GLUE PUCKS	NONE DETECTED
WAT-106-30	BASEMENT, EAST STAIRWELL	1'X1' ACT - WHITE W/ CRATERS	NONE DETECTED
WAT-EXT-31	EXTERIOR	GREY CAULK	NONE DETECTED
WAT-EXT-32	EXTERIOR	BLACK ROOF FLASHING TAR	17% CHRYBOTILE
WAT-EXT-33	EXTERIOR	GREY MORTAR	NONE DETECTED
WAT-EXT-34	EXTERIOR	ORANGE BRICK	NONE DETECTED

MACKIN COMPLEX:		TABLE 1 (15, 15A, 15B)	
(MACKIN-15, MORELAND-15A & LONIS-15B)			
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
MACK-1C-1	1 ST FLOOR, LOUNGE 1C	LINOLEUM	NONE DETECTED

MACKIN COMPLEX:

TABLE 1 (15, 15A, 15B)

(MACKIN-15, MORELAND-15A & LONIS-15B)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
MACK-1C-2	1 ST FLOOR, LOUNGE 1C	9"X9" FLOOR TILE – BLACK W/ BEIGE STREAKS	15% CHRYSOTILE
MACK-1C-2A	1 ST FLOOR, LOUNGE 1C	BLACK MASTIC	10% CHRYSOTILE
MACK-1C-3	1 ST FLOOR, LOUNGE 1C	BLACK COVE MOLDING	NONE DETECTED
MACK-1C-3A	1 ST FLOOR, LOUNGE 1C	BROWN COVE MOLDING MASTIC	<1% CHRYSOTILE
MACK-1C-1A	1 ST FLOOR, LOUNGE 1C	BROWN TAR PAPER (FELT-LIKE)	NONE DETECTED
MACK-1C-4A-A	1 ST FLOOR, LOUNGE 1C	PEACH PLASTER CEILING, TOP COAT	NONE DETECTED
MACK-1C-4B-A	1 ST FLOOR, LOUNGE 1C	BROWN PLASTER CEILING, ROUGH COAT (UNDER 4A)	NONE DETECTED
MACK-1C-5	1 ST FLOOR, LOUNGE 1C	WHITE 1'X1' ACT	NONE DETECTED
MACK-1C-6	1 ST FLOOR, LOUNGE 1C	SILVER RADIATOR COATING	NONE DETECTED
MACK-1C-7A-A	1 ST FLOOR, LOUNGE 1C	PLASTER ON COLUMNS, WHITE TOP COAT	NONE DETECTED
MACK-1C-7B-A	1 ST FLOOR, LOUNGE 1C	PLASTER ON COLUMNS, BROWN ROUGH COAT	NONE DETECTED
MACK-1C-7A-B	1 ST FLOOR, LOUNGE 1C	PLASTER ON COLUMNS, WHITE TOP COAT	NONE DETECTED
MACK-1C-7B-B	1 ST FLOOR, LOUNGE 1C	PLASTER ON COLUMNS, BROWN ROUGH COAT	NONE DETECTED
MACK-1C-7A-C	1 ST FLOOR, LOUNGE 1C	PLASTER ON COLUMNS, WHITE TOP COAT	NONE DETECTED
MACK-1C-7B-C	1 ST FLOOR, LOUNGE 1C	PLASTER ON COLUMNS, BROWN ROUGH COAT	NONE DETECTED
MACK-1C-4A-B	1 ST FLOOR, LOUNGE 1C	PLASTER CEILING, PEACH TOPCOAT	NONE DETECTED
MACK-1C-4B-B	1 ST FLOOR, LOUNGE 1C	PLASTER CEILING, BROWN ROUGH COAT	NONE DETECTED
MACK-1C-4A-C	1 ST FLOOR, LOUNGE 1C	PLASTER WALL, PEACH TOPCOAT	NONE DETECTED
MACK-1C-4B-C	1 ST FLOOR, LOUNGE 1C	PLASTER WALL, BROWN ROUGH COAT	NONE DETECTED
MACK-1C-4A-D	1 ST FLOOR, LOUNGE 1C	PLASTER WALL, PEACH TOPCOAT	NONE DETECTED
MACK-1C-4B-D	1 ST FLOOR, LOUNGE 1C	PLASTER WALL, BROWN ROUGH COAT	NONE DETECTED
MACK-1C-4A-E	1 ST FLOOR, LOUNGE 1C	PLASTER WALL, PEACH TOP COAT	NONE DETECTED

MACKIN COMPLEX:

TABLE 1 (15, 15A, 15B)

(MACKIN-15, MORELAND-15A & LONIS-15B)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
MACK-1C-4B-E	1 ST FLOOR, LOUNGE 1C	PLASTER WALL, BROWN ROUGH COAT	NONE DETECTED
MACK-1C-8	1 ST FLOOR, LOUNGE 1C	GREY WINDOW GLAZING	NONE DETECTED
MACK-RPW1-9	1 ST FLOOR, WOMEN'S BATHROOM - RPW-1	12"X12" FLOOR TILE ON COUNTER TOP	NONE DETECTED
MACK-RPW1-9A	1 ST FLOOR, WOMEN'S BATHROOM - RPW-1	BLACK MASTIC	NONE DETECTED
MACK-RPW1-10	1 ST FLOOR, WOMEN'S BATHROOM - RPW-1	9"X9" FLOOR TILE - BEIGE W/ BLACK STREAKS	20% CHRYSOTILE
MACK-RPW1-10A	1 ST FLOOR, WOMEN'S BATHROOM - RPW-1	BROWN MASTIC	NONE DETECTED
MACK-RPW1-11A	1 ST FLOOR, WOMEN'S BATHROOM - RPW-1	CERAMIC TILE BLOCK WALL -- YELLOW	NONE DETECTED
MACK-RPW1-11B	1 ST FLOOR, WOMEN'S BATHROOM - RPW-1	GREY MORTAR	NONE DETECTED
MACK-RPW1-11C	1 ST FLOOR, WOMEN'S BATHROOM - RPW-1	GREY SET BET	NONE DETECTED
MACK-STAIR-12	1 ST FLOOR - STAIRWELL	12"X12" FLOOR TILE ON WINDOW LEDGE - GREY	NONE DETECTED
MACK-STAIR-12A	1 ST FLOOR - STAIRWELL	BROWN MASTIC	<1% CHRYSOTILE
MACK-STAIR-13	1 ST FLOOR - STAIRWELL	WHITE WINDOW GLAZING	NONE DETECTED
MACK-STAIR-14A	1 ST FLOOR - STAIRWELL	PLASTER WALL, WHITE TOP COAT	NONE DETECTED
MACK-STAIR-14B	1 ST FLOOR - STAIRWELL	PLASTER WALL, BROWN ROUGH COAT	NONE DETECTED
MACK-STAIR-15	2 ND FLOOR - STAIRWELL	WHITE WINDOW CAULK	NONE DETECTED
MACK-STAIR-16	2 ND FLOOR - STAIRWELL	BLACK TILE	NONE DETECTED
MACK-EXT-17	1 ST FLOOR ENTRANCEWAY	BLACK EXTERIOR DOOR GLAZING	NONE DETECTED
MACK-EXT-18	1 ST FLOOR - EXTERIOR DOOR ENTRANCE	WHITE DOOR PANE GLAZING	10% CHRYSOTILE
MACK-EXT-19	1 ST FLOOR - EXTERIOR DOOR ENTRANCE	GREY FRAME CAULK	15% CHRYSOTILE
MACK-EXT-20	1 ST FLOOR - EXTERIOR (WEST SIDE)	YELLOW EXTERIOR WINDOW CAULK	NONE DETECTED
MACK-EXT-21	EXTERIOR MACKIN	TAN EXTERIOR WINDOW CAULK	11% CHRYSOTILE
MACK-EXT-22	EXTERIOR MACKIN	WHITE EXTERIOR WINDOW CAULK	NONE DETECTED

MACKIN COMPLEX:

TABLE 1 (15, 15A, 15B)

(MACKIN-15, MORELAND-15A & LONIS-15B)

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
MACK-EXT-23	EXTERIOR MACKIN	GREY EXTERIOR WINDOW CAULK – BRITTLE	6.2% CHRYSOTILE
MACK-EXT-24	EXTERIOR MACKIN	WHITE EXTERIOR WINDOW CAULK	11.6% CHRYSOTILE
MACK-EXT-25	EXTERIOR MORELAND WING	GREY EXTERIOR WINDOW FRAME CAULK	20% CHRYSOTILE
MACK-EXT-26	EXTERIOR MORELAND WING	WHITE EXTERIOR GLAZING	5.9% CHRYSOTILE
MACK-EXT-27	EXTERIOR MORELAND WING	GREY FRAME CAULK	12% CHRYSOTILE
MACK-EXT-28	EXTERIOR MORELAND WING	WHITE WINDOW GLAZING	NONE DETECTED
MACK-EXT-29	EXTERIOR MORELAND WING	BRICK	NONE DETECTED
MACK-EXT-30	EXTERIOR MORELAND WING	GREY MORTAR	NONE DETECTED
MACK-EXT-31	EXTERIOR MORELAND WING	WHITE WINDOW FRAME CAULK	NONE DETECTED
MACK-EXT-32	EXTERIOR MORELAND WING	BROWN DOOR FRAME CAULK	21% CHRYSOTILE
MACK-EXT-33	EXTERIOR MACKIN	WHITE MORTAR	NONE DETECTED
MACK-EXT-34	EXTERIOR MACKIN	GREY DOOR FRAME CAULK	17% CHRYSOTILE
MACK-EXT-35	EXTERIOR MACKIN	WHITE WINDOW GLAZING	NONE DETECTED
MAC-100-36	FIRST FLOOR LOBBY	2'X4' SAT WHITE	NONE DETECTED
MAC-100-37	FIRST FLOOR LOBBY	JOINT COMPOUND	NONE DETECTED
MAC-100-38	FIRST FLOOR LOBBY	DRYWALL – GREY	NONE DETECTED
MAC-101-39	FIRST FLOOR, TELEPHONE ROOM	TECTUM	NONE DETECTED
MAC-102-40	FIRST FLOOR, PIANO ROOM	TAN GLUE ON STYROFOAM	NONE DETECTED
MAC-103-41	FIRST FLOOR, POST OFFICE	1'X1' ACT, WHITE W/ HOLES	NONE DETECTED
MAC-103-42	FIRST FLOOR, POST OFFICE	GLUE PUCK – DARK BROWN	NONE DETECTED
MAC-G1-43	GROUND FLOOR, KITCHEN OFFICE	2'X2' SAT, WHITE TEXTURED	NONE DETECTED
MAC-B1-44	BASEMENT, CORRIDOR	FIBERBOARD, BROWN	NONE DETECTED

MACKIN COMPLEX:**TABLE 1 (15, 15A, 15B)****(MACKIN-15, MORELAND-15A & LONIS-15B)**

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	RESULTS (% ASBESTOS)
MAC-EXT-45	ROOF	COPING STONE CAULK	NONE DETECTED
MAC-EXT-46	ROOF	COPING STONE MORTAR, HARD GREY	NONE DETECTED
MAC-EXT-47	SECOND FLOOR, GUEST APARTMENT, LOUNGE	1'X1' ACT - WHITE	NONE DETECTED
MAC-EXT-48	SECOND FLOOR, GUEST APARTMENT, LOUNGE	GLUE PUCK, DARK BROWN	NONE DETECTED
MAC-EXT-49	ROOF, 2 ND FLOOR WALK OUT	GREY COPING STONE CAULK	NONE DETECTED
MAC-EXT-50	ROOF, 2 ND FLOOR WALK OUT	WHITE COPING STONE CAULK	NONE DETECTED
LON1-51	LONIS - GROUND FLOOR, LOUNGE / KITCHEN	PLASTER CEILING, WHITE TEXTURED	NONE DETECTED
LON2-52A	LONIS - GROUND FLOOR, JANITOR'S BREAK ROOM	PLASTER WALL, WHITE TOP COAT	NONE DETECTED
LON2-52B	LONIS - GROUND FLOOR, JANITOR'S BREAK ROOM	PLASTER WALL, BROWN BASE COAT	NONE DETECTED
LON3-53	LONIS - FIRST FLOOR, KITCHENETTE	PLASTER CEILING, YELLOW TOP COAT	NONE DETECTED
MOR1-51	MORELAND - GROUND FLOOR, LAUNDRY ROOM	PLASTER CEILING, WHITE TOP COAT	NONE DETECTED
MOR2-52A	MORELAND - SECOND FLOOR, CORRIDOR	PLASTER WALL, WHITE TOP COAT	NONE DETECTED
MOR2-52B	MORELAND - SECOND FLOOR, CORRIDOR	PLASTER WALL, BROWN ROUGH COAT	NONE DETECTED

Table #2 below list suspect materials that were assumed asbestos containing based on record plan review or historical use.

TABLE 2 - Assumed Asbestos Containing Materials

BUILDING	SUSPECT MATERIAL	GENERAL LOCATION	ASSUMPTION BASED ON
ONEIDA HALL	TRANSITE CEILINGS	BASEMENT	APPEARANCE AND HISTORICAL USE
ONEIDA HALL	TRANSITE WINDOW PANELS	PANELS BELOW AND PART OF WINDOW SYSTEMS	RECORD REVIEW
CAYUGA HALL	TRANSITE CEILINGS	BASEMENT	APPEARANCE AND HISTORICAL USE
CAYUGA HALL	TRANSITE WINDOW PANELS	PANELS BELOW AND PART OF WINDOW SYSTEMS	RECORD REVIEW
ONONDAGA HALL	TRANSITE CEILINGS	BASEMENT	APPEARANCE AND HISTORICAL USE

TABLE 2 – Assumed Asbestos Containing Materials

BUILDING	SUSPECT MATERIAL	GENERAL LOCATION	ASSUMPTION BASED ON
ONONDAGA HALL	TRANSITE WINDOW PANELS	PANELS BELOW AND PART OF WINDOW SYSTEMS	RECORD REVIEW
SENECA HALL	TRANSITE CEILINGS	BASEMENT	APPEARANCE AND HISTORICAL USE
SENECA HALL	TRANSITE WINDOW PANELS	PANELS BELOW AND PART OF WINDOW SYSTEMS	RECORD REVIEW

LIMITATIONS

The asbestos inspection and sampling conducted for this study was limited to the general areas that could be impacted by the various Feasibility Study Scopes. Some areas of the subject buildings were not accessible for inspection and sampling, and due to the limited nature of the study, AHERA-Asbestos Hazard Emergency Response Act (40 CFR 763 Subpart E) sampling protocol was not followed.

The roofs of the subject buildings have purportedly been replaced with non-asbestos containing materials and were not inspected unless a specific impact was identified under the Roof scope.

RECOMMENDATIONS

All ten of the subject buildings contain asbestos and depending on the building, at least one or more of the various Feasibility Study Scopes (Roof, Façade, Window, Elevator, and Fire Alarm) will impact the asbestos containing materials. A more detailed asbestos survey is recommended prior to designing the required asbestos abatement recommended in the Feasibility Study.

ATTACHMENT A

*License
Certifications
Laboratory Credentials*

**LIMITED ASBESTOS SURVEY
TECHNICAL MEMORANDUM**

OSWEGO STATE UNIVERSITY OF NEW YORK
RESIDENT HALL—FEASIBILITY STUDY

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

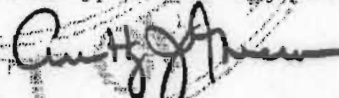
LICENSE NUMBER: **99-0907**
DATE OF ISSUE: **Dec. 17, 2003**
EXPIRATION DATE: **Jan. 31, 2005**

Contractor: **JOSEPH C. LU ENGINEERING & LAND SURVEYING, PC**
Address: **2230 Penfield Road**
Penfield NY 14526

Duly Authorized Representative: **ROBERT J. ELLIOTT, P.E.**

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.


Anthony Germano, Acting Director
FOR THE COMMISSIONER OF LABOR

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



ROY C GREEN
CLASS(EXPIRES)
C ATEC(12/04) D INSP(12/04)
G SUPR(12/04) H PM (12/04)



CERT# 95-10837

MUST BE CARRIED ON ASBESTOS PROJECTS



DMV# 648002361	IF FOUND RETURN TO:
EYES BLU	NYS DOL - L&C UNIT
HAIR BRO	ROOM 161 BUILDING 12
HGT 5' 10"	STATE OFFICE CAMPUS
	ALBANY NY 12240

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**

Antonia C. Novello, M.d., M.p.h., Dr.p.h.



Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE
LABELLA LABORATORIES
300 STATE STREET
ROCHESTER NY 14614 *United States*

NY Lab Id No: 11184
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material **EPA 600/M4/82/020**

Serial No.: 22741

*Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. Valid certificates have a raised seal and may be
verified by calling (518) 485-8570.*

DOH-3317 (3/97)



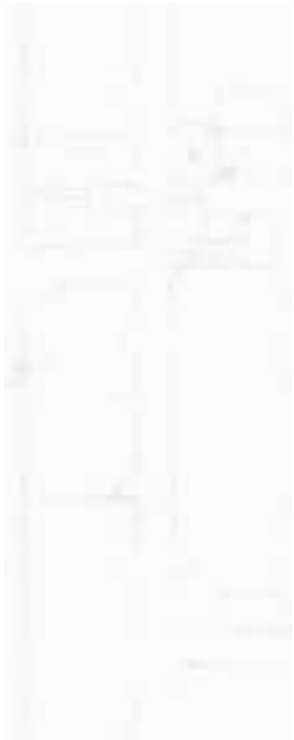
ATTACHMENT B

Sample Location Sketches

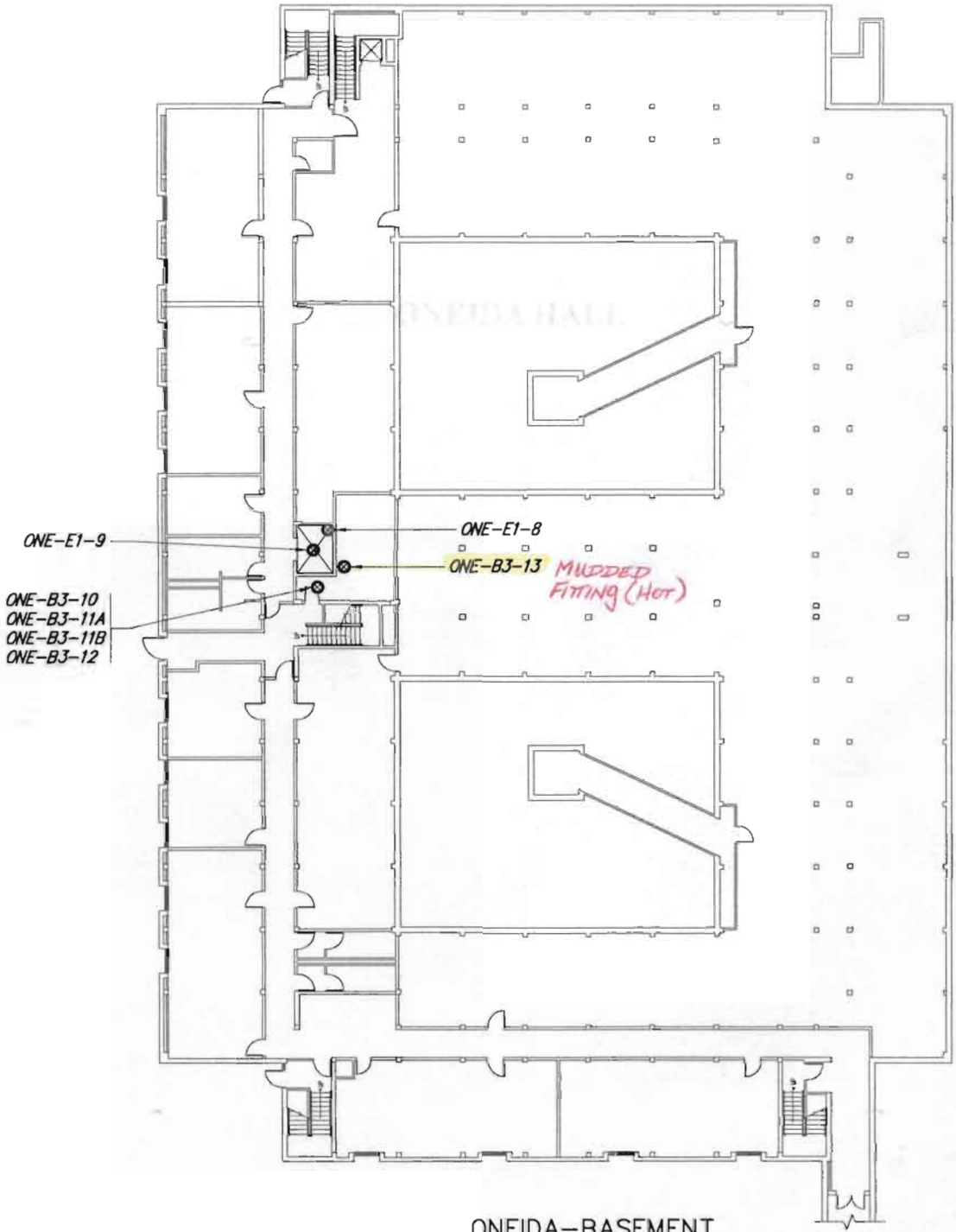
**LIMITED ASBESTOS SURVEY
TECHNICAL MEMORANDUM**

OSWEGO STATE UNIVERSITY OF NEW YORK
RESIDENT HALL—FEASIBILITY STUDY

ONEIDA HALL



PLEYI P501 S1 A-DWG. 4/27/11 MR. DIANE

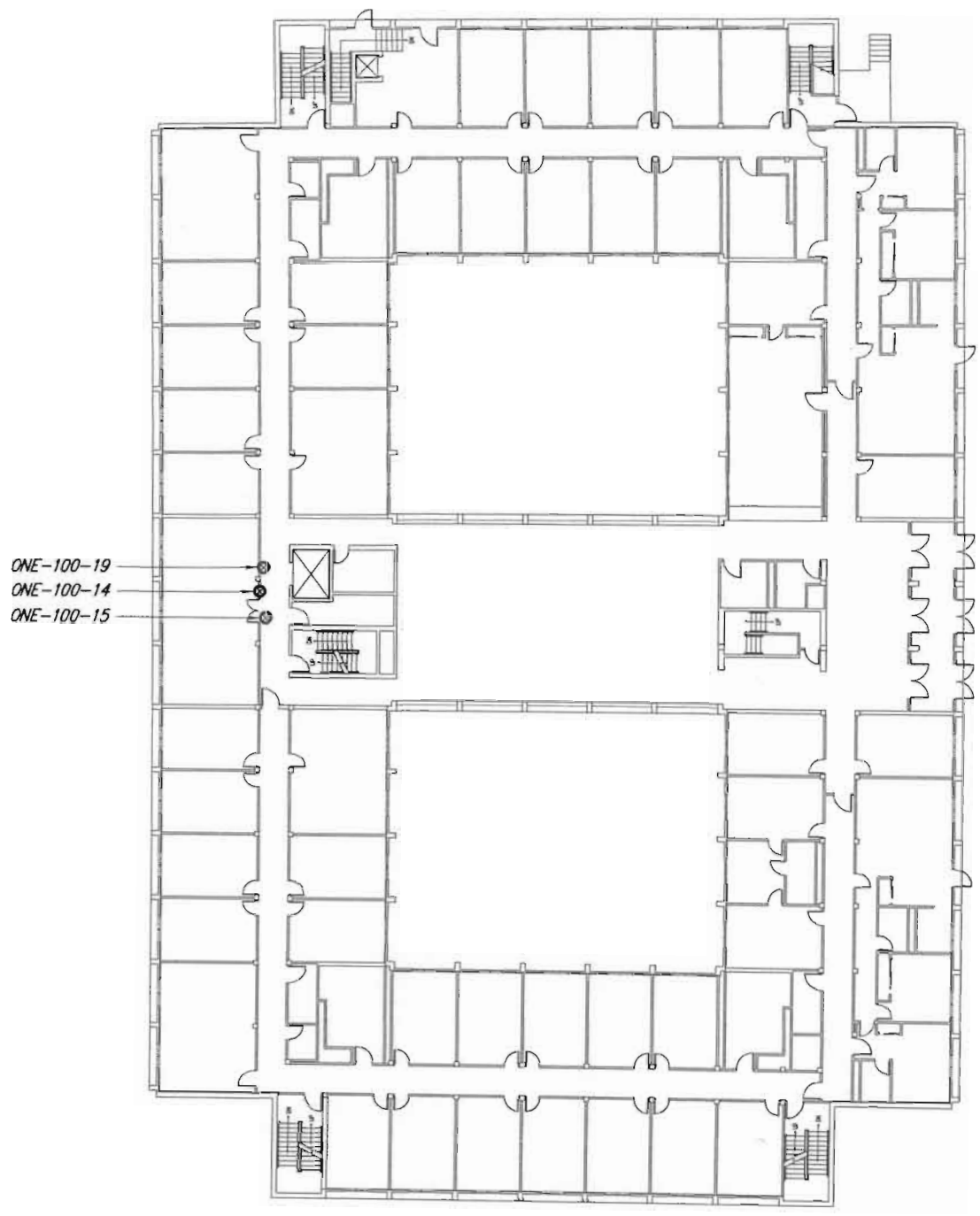


ONEIDA-BASEMENT
SCALE: 1" = 30'



Asbestos Bulk Sample Location Plan
State University of New York
Oswego, New York
Lu Project No. 35301

6301 SF
JOLLEY
EGG\CA
4.27
PAGE



ONE-100-19
ONE-100-14
ONE-100-15

ONEIDA—FIRST FLOOR
SCALE: 1" = 30'

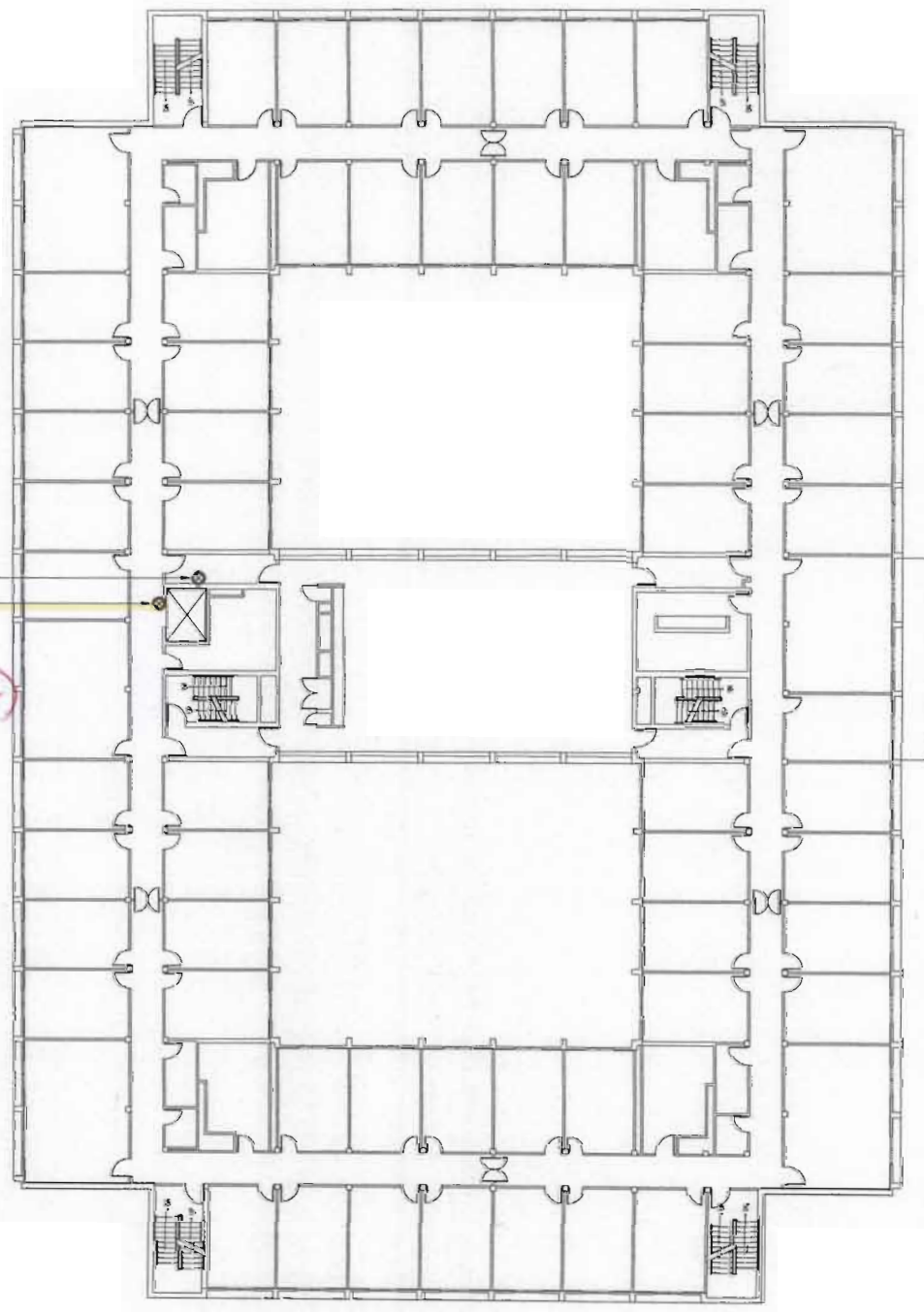


Asbestos Bulk Sample Location Plan
State University of New York
Oswego, New York
Lu Project No. 35301

LECT'S V VALLEY 5301 S E60ACA A.DWG. PL 428 PLANE



ONE-C-17
ONE-A-16
*Spray-on
Acoustical
Ceiling (Hot)*



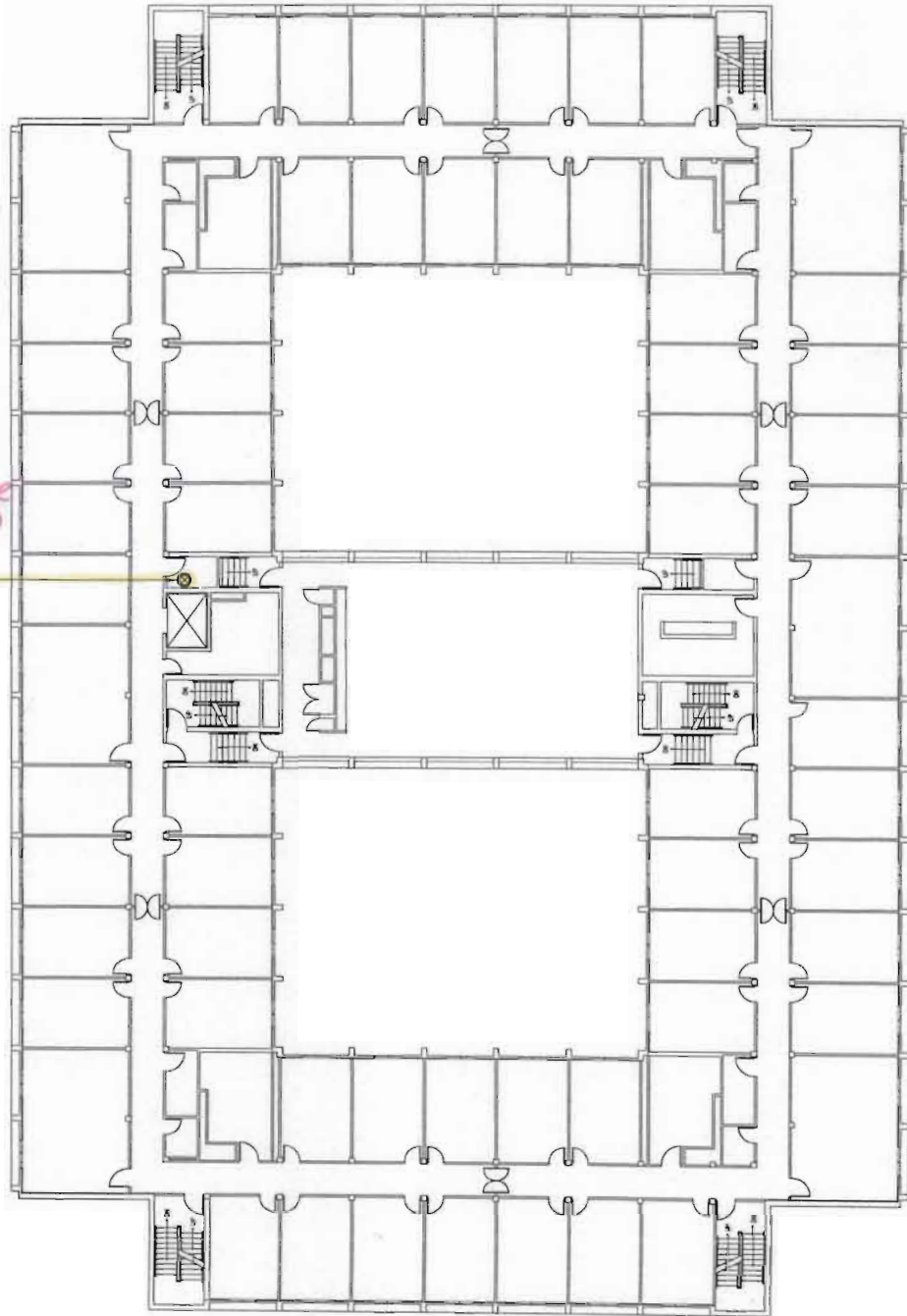
ONEIDA—SECOND FLOOR

SCALE: 1" = 30'



Asbestos Bulk Sample Location Plan
State University of New York
Oswego, New York
Lu Project No. 35301

PROJECT NO. 35301 VOLLEY ALDRIDGE PLANE



12x12 Floor
TIE (HOT)

ONE-E-18
ONE-E-18A

ONEIDA-THIRD FLOOR
SCALE: 1" = 30'



Asbestos Bulk Sample Location Plan
State University of New York
Oswego, New York
Lu Project No. 35301

\\s01\p01\35301\LU\Asbestos\35301\State University of New York\Oswego\35301\Lu Project No. 35301.dwg, 4/26/01, 11:26:00 AM, ONE

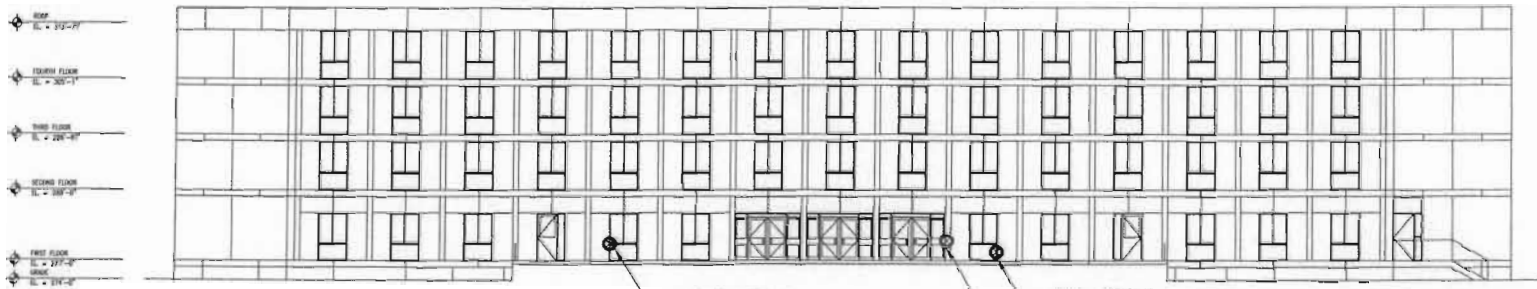


LU ENGINEERS
Civil and Environmental

Asbestos Bulk Sample Location Plan
State University of New York
Oswego, New York
Lu Project No. 35301



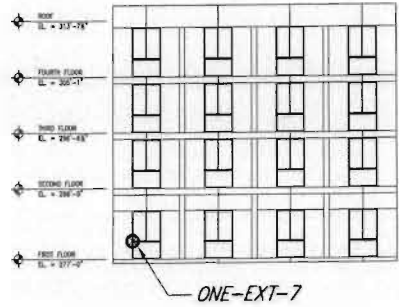
ONE-EXT-5
Window Cleaning (Not OK)
Not OK
ONEIDA-EAST ELEVATION
SCALE: 1" = 30'



ONE-EXT-2
ONE-EXT-3
ONE-EXT-4
ONE-EXT-1
ONEIDA-NORTH ELEVATION
SCALE: 1" = 30'

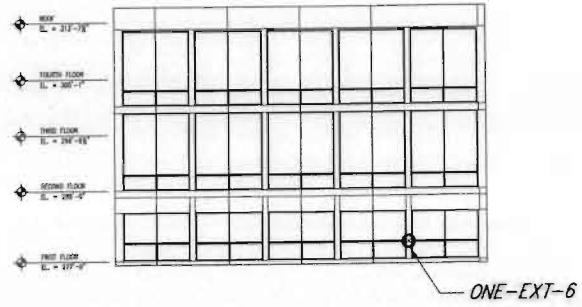


Asbestos Bulk Sample Location Plan
State University of New York
Oswego, New York
Lu Project No. 35301



ONEIDA-EAST COURTYARD
SOUTH ELEVATION

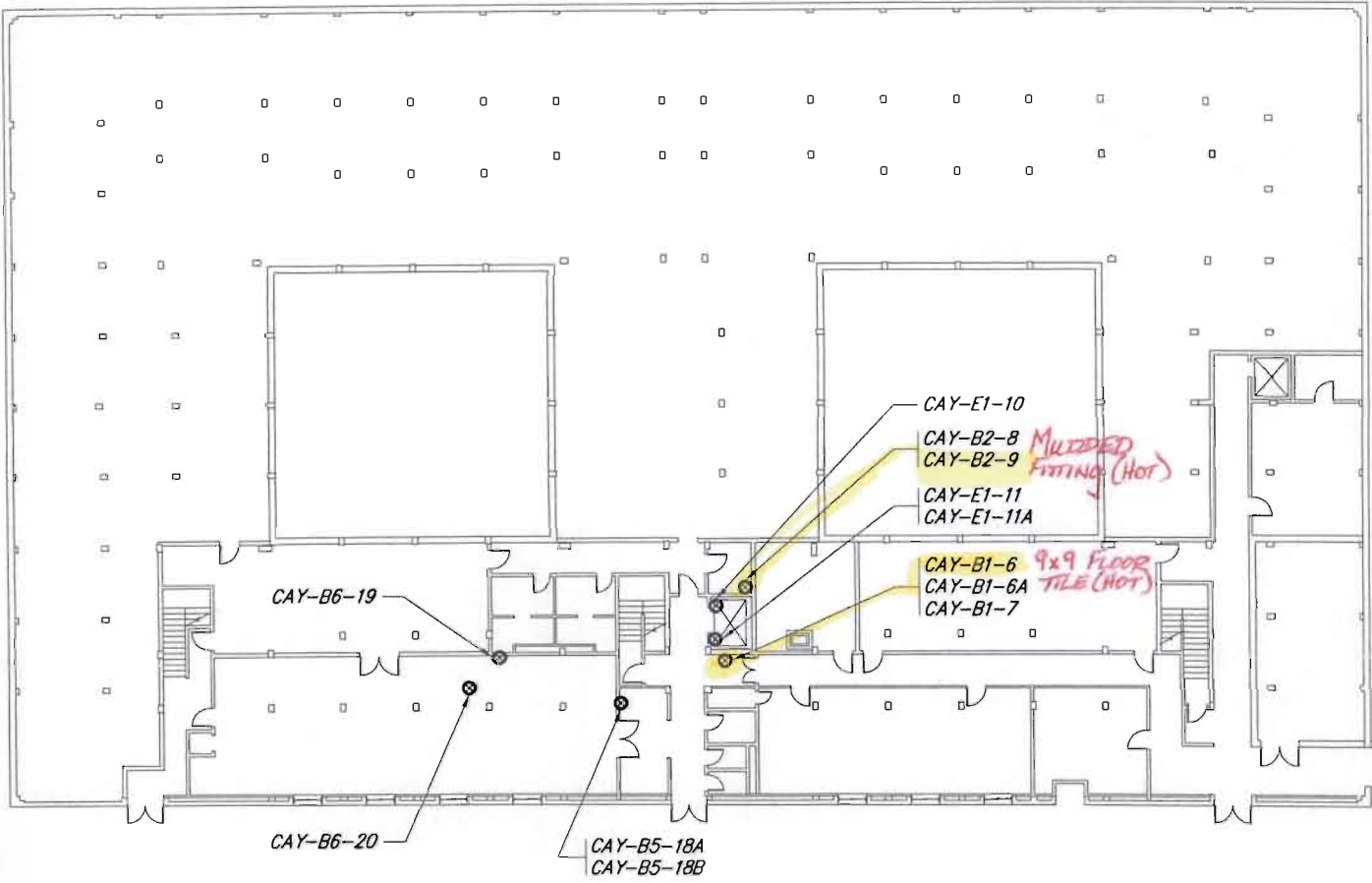
SCALE: 1" = 30'



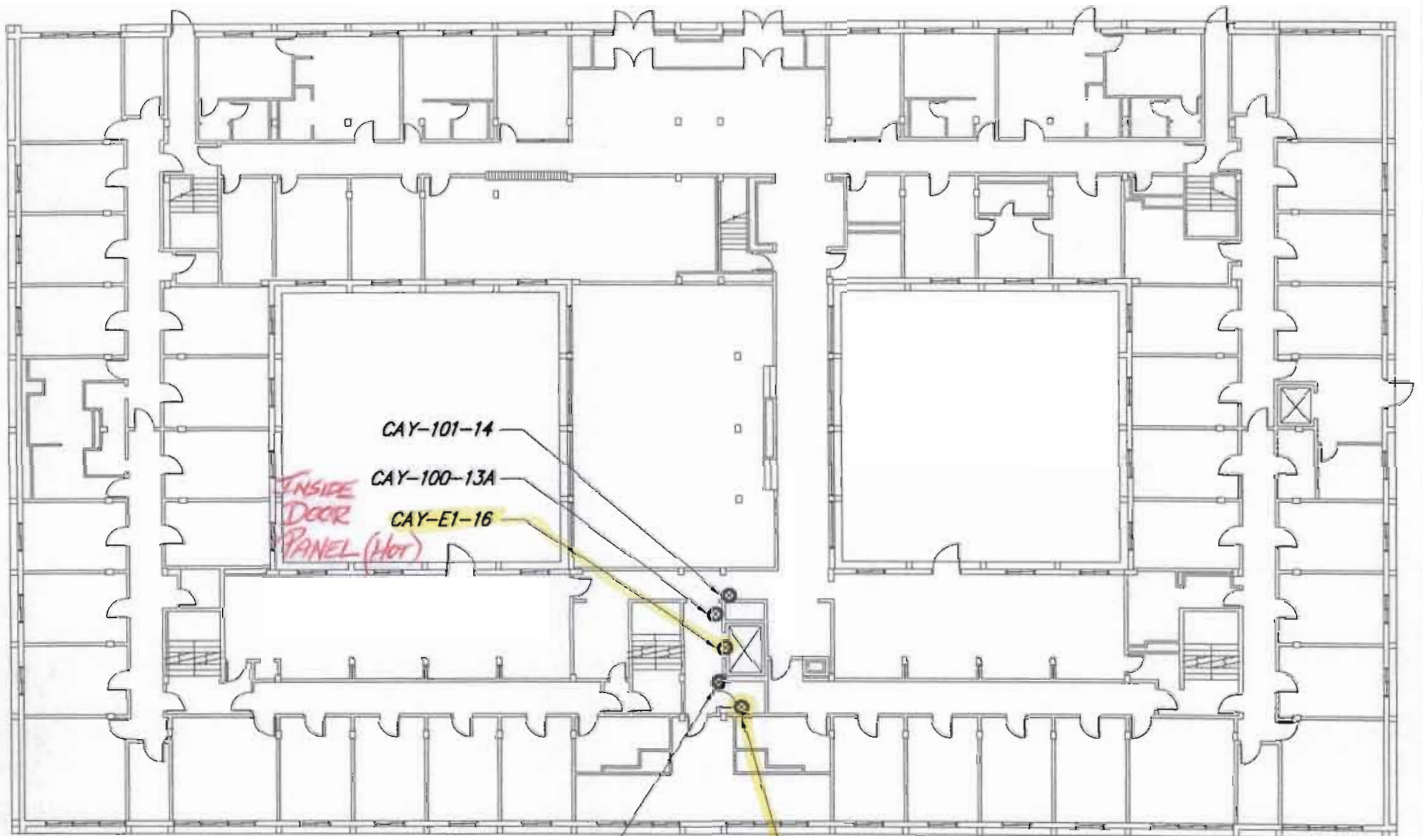
ONEIDA-EAST COURTYARD
WEST ELEVATION

SCALE: 1" = 30'

CAYUGA HALL



CAYUGA-BASEMENT
SCALE: 1" = 30'



CAY-100-12
CAY-100-13B

CAY-102-15

*SPRAY-ON ACoustICAL
CEILING (HOT)*

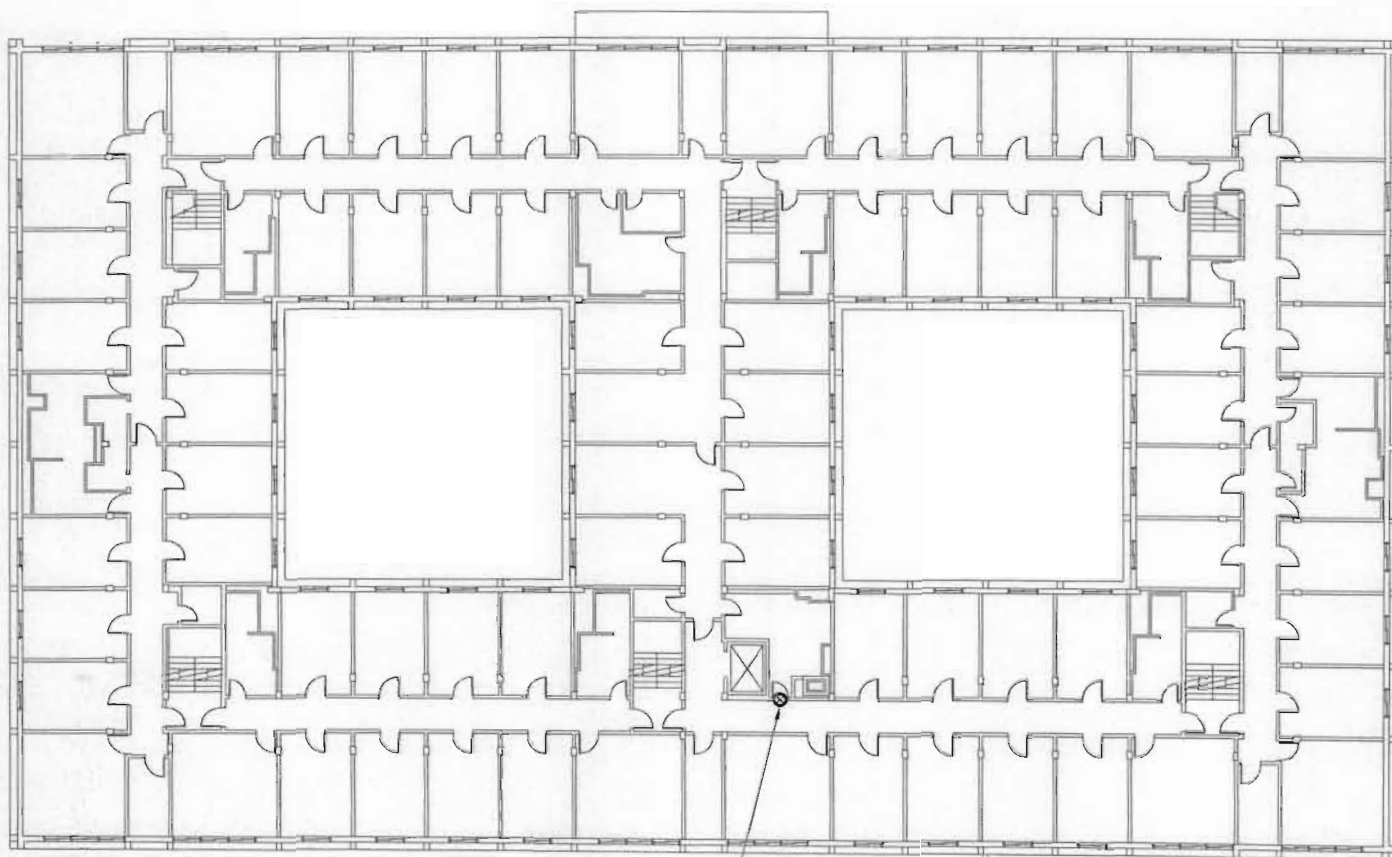
CAYUGA--FIRST FLOOR

SCALE: 1" = 30'



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CAY-A-17
CAY-A-17A

CAYUGA-TYPICAL FLOOR

SCALE: 1" = 30'



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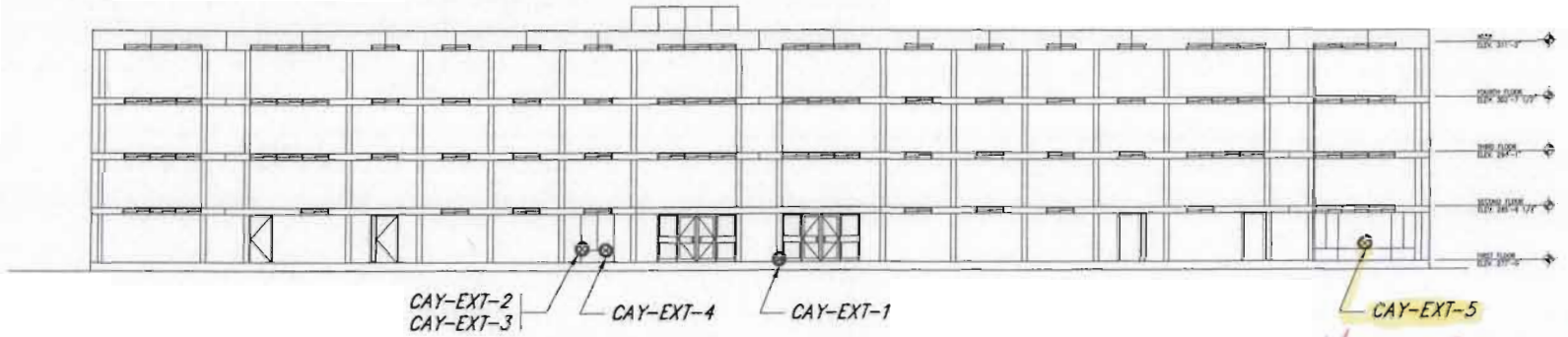
LU ENGINEERS
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Asbestos Bulk Sample Location Plan

State University of New York

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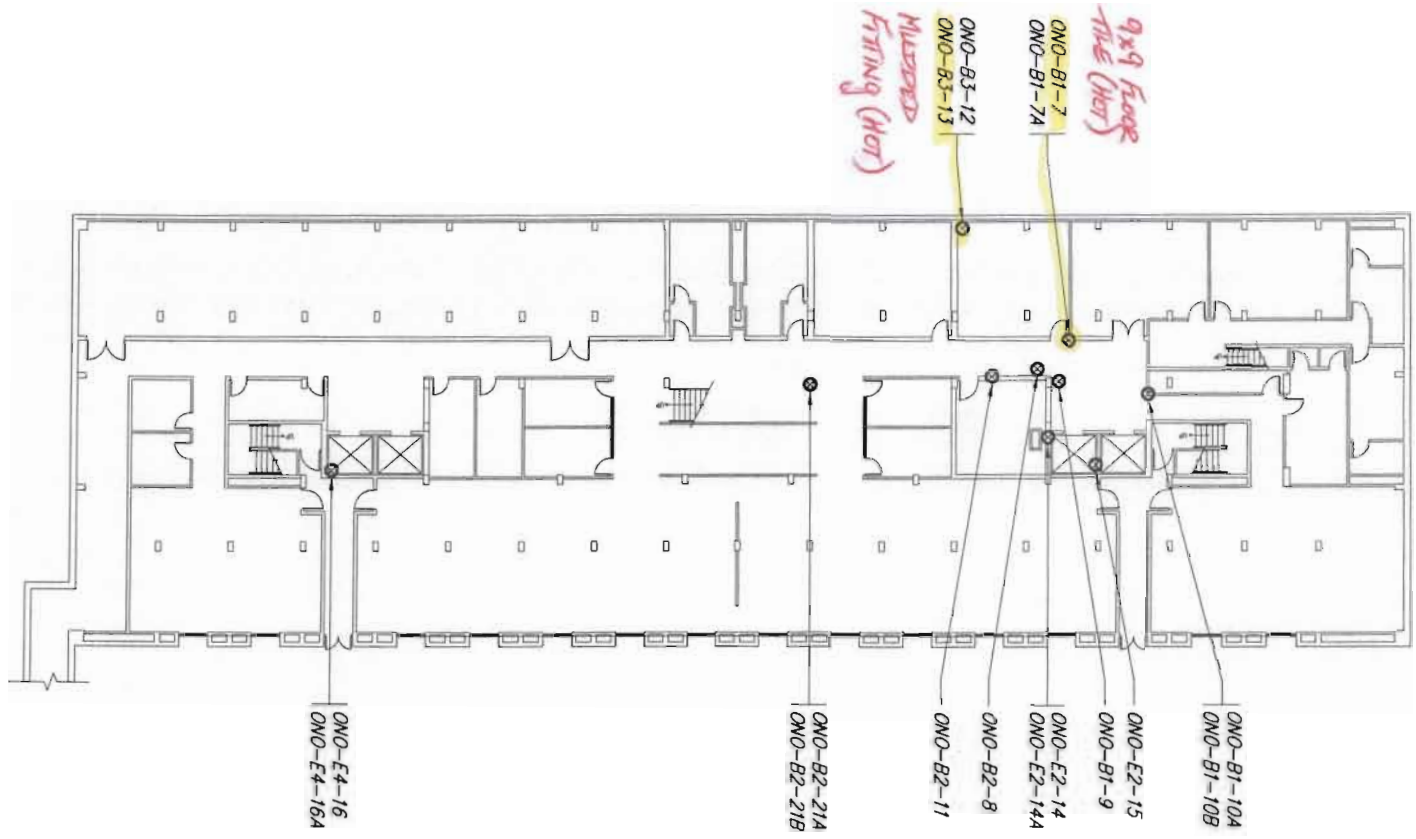
Lu Project No. 35301



CAYUGA-NORTH ELEVATION

SCALE: 1" = 30'

ONONDAGA HALL

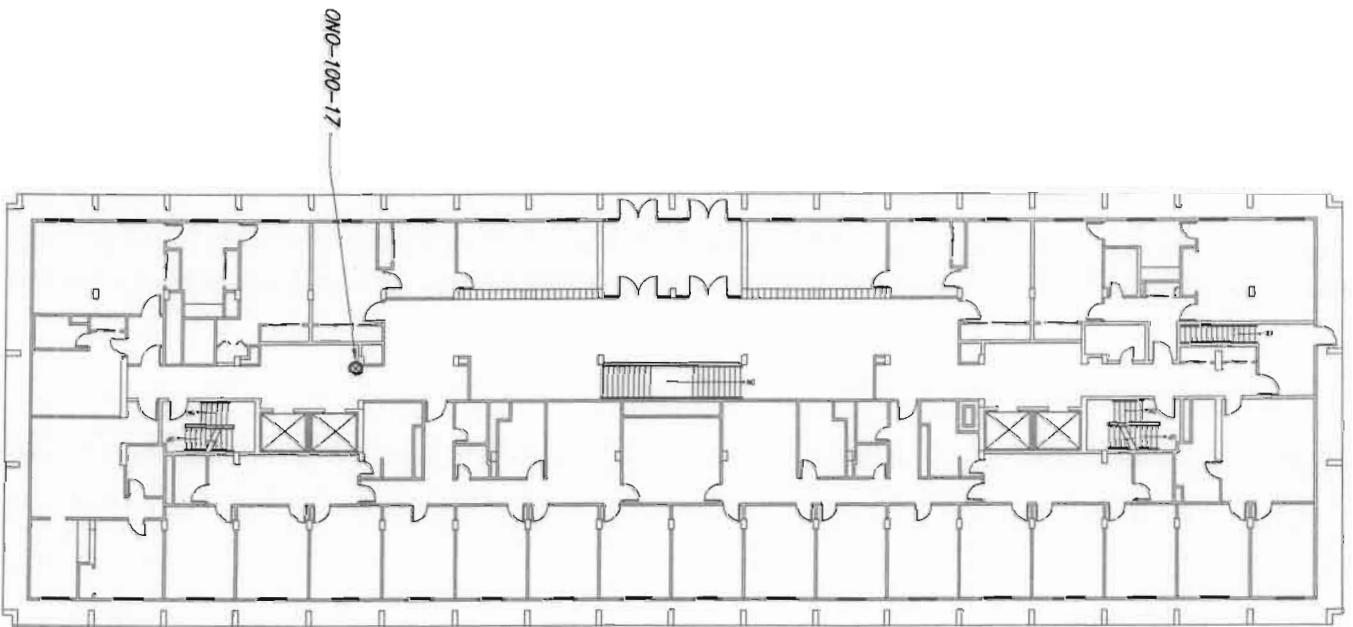


ONONDAGA--BASEMENT

SCALE: 1" = 30'



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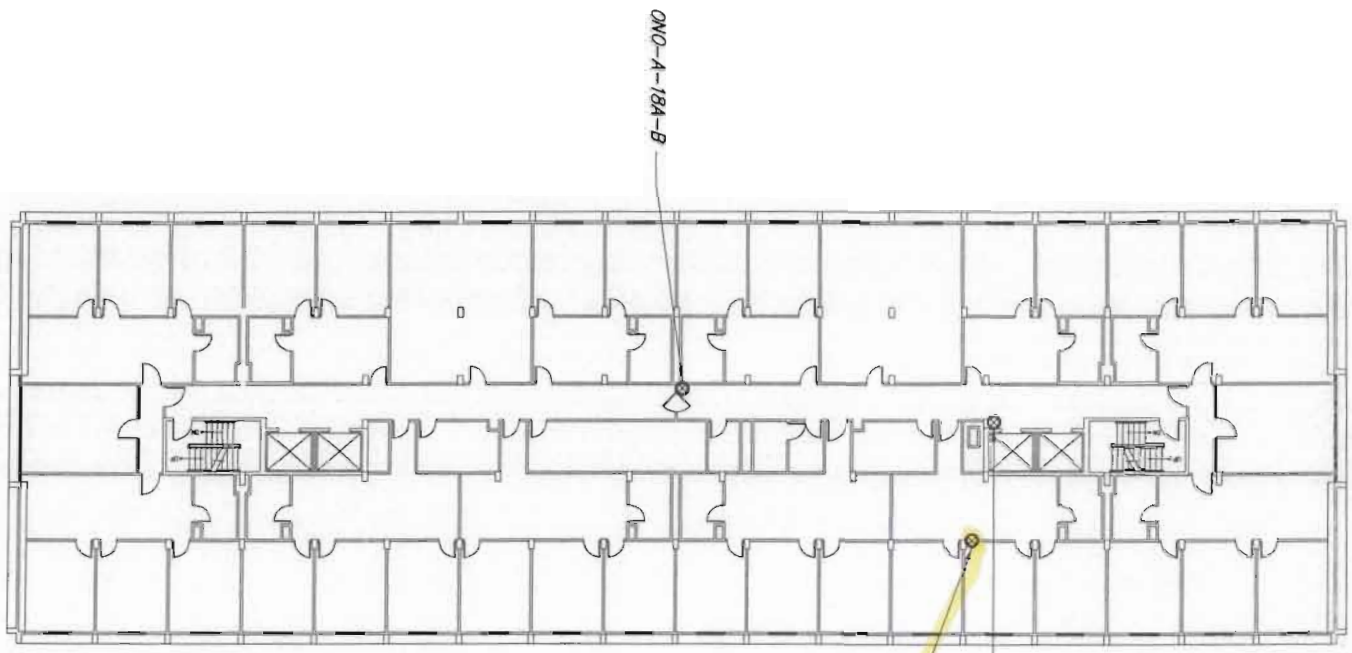


ONONDAGA—FIRST FLOOR

SCALE: 1" = 30'



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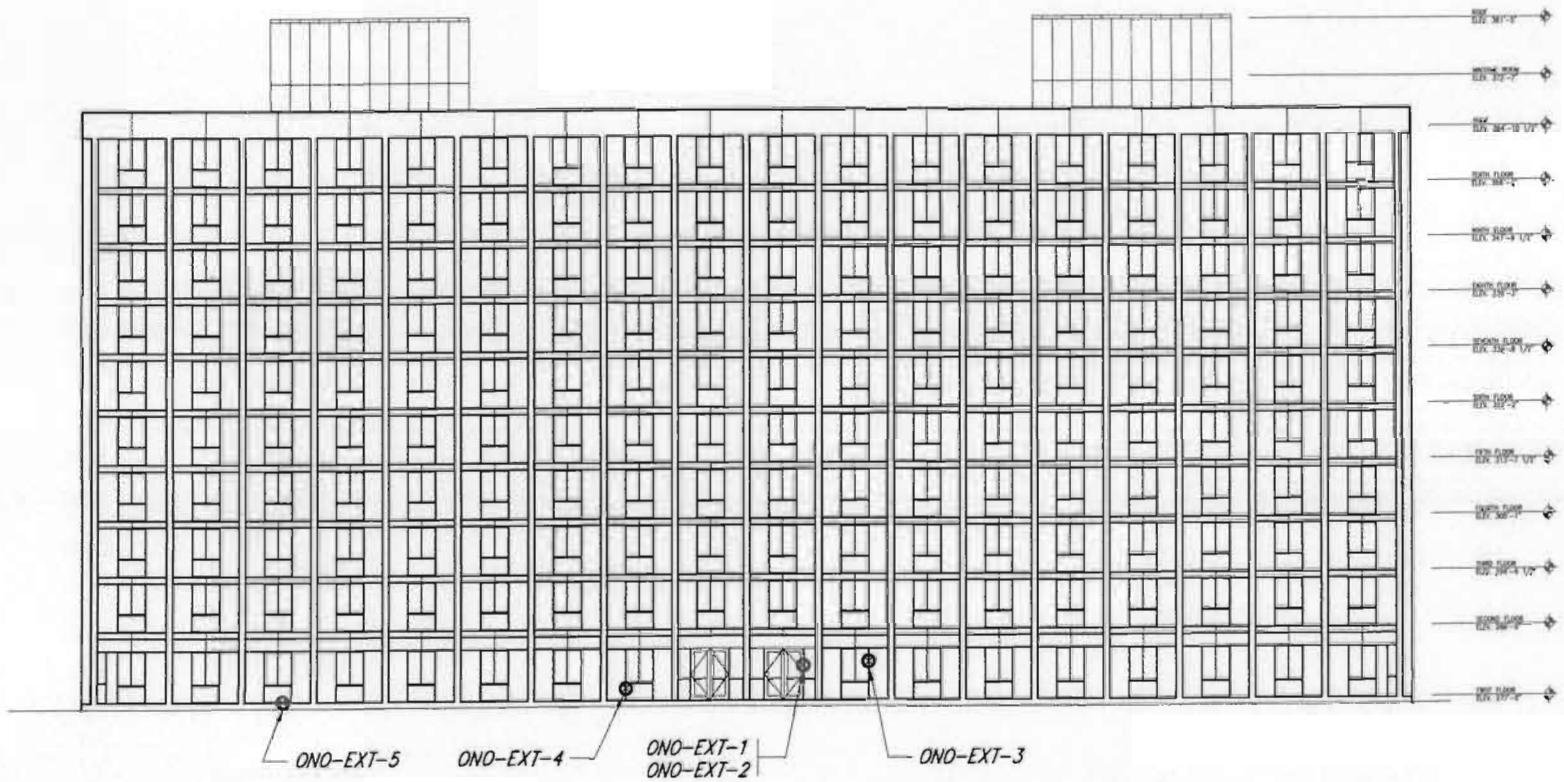
ONO-A-18
ONO-A-18A
ONO-B-19
Spray on Acoustical Ceiling (HCR)

ONONDAGA-TYPICAL PLAN

SCALE: 1" = 30'



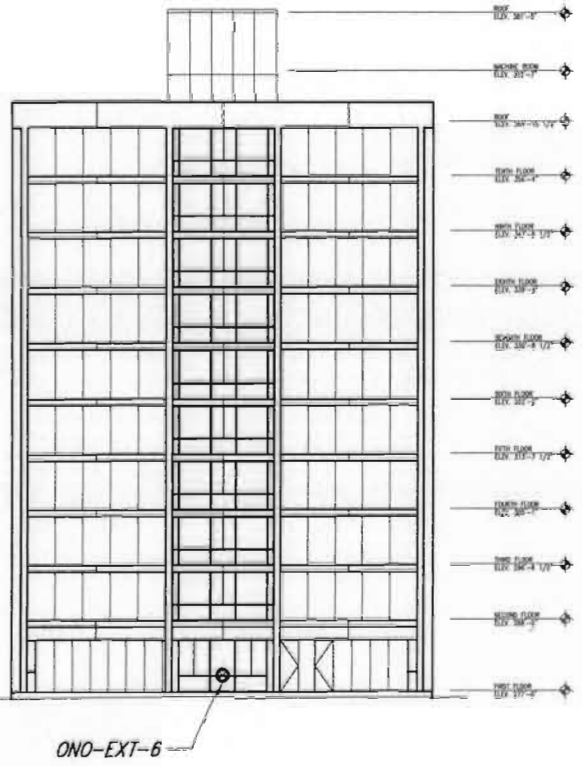
Asbestos Bulk Sample Location Plan
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ONONDAGA-WEST ELEVATION

SCALE: 1" = 30'

EXT-W-1 | — (TYP. WINDOW)
 EXT-W-2 | — (TYP. WINDOW)



ONONDAGA-NORTH ELEVATION
 SCALE: 1" = 30'

SENECA HALL



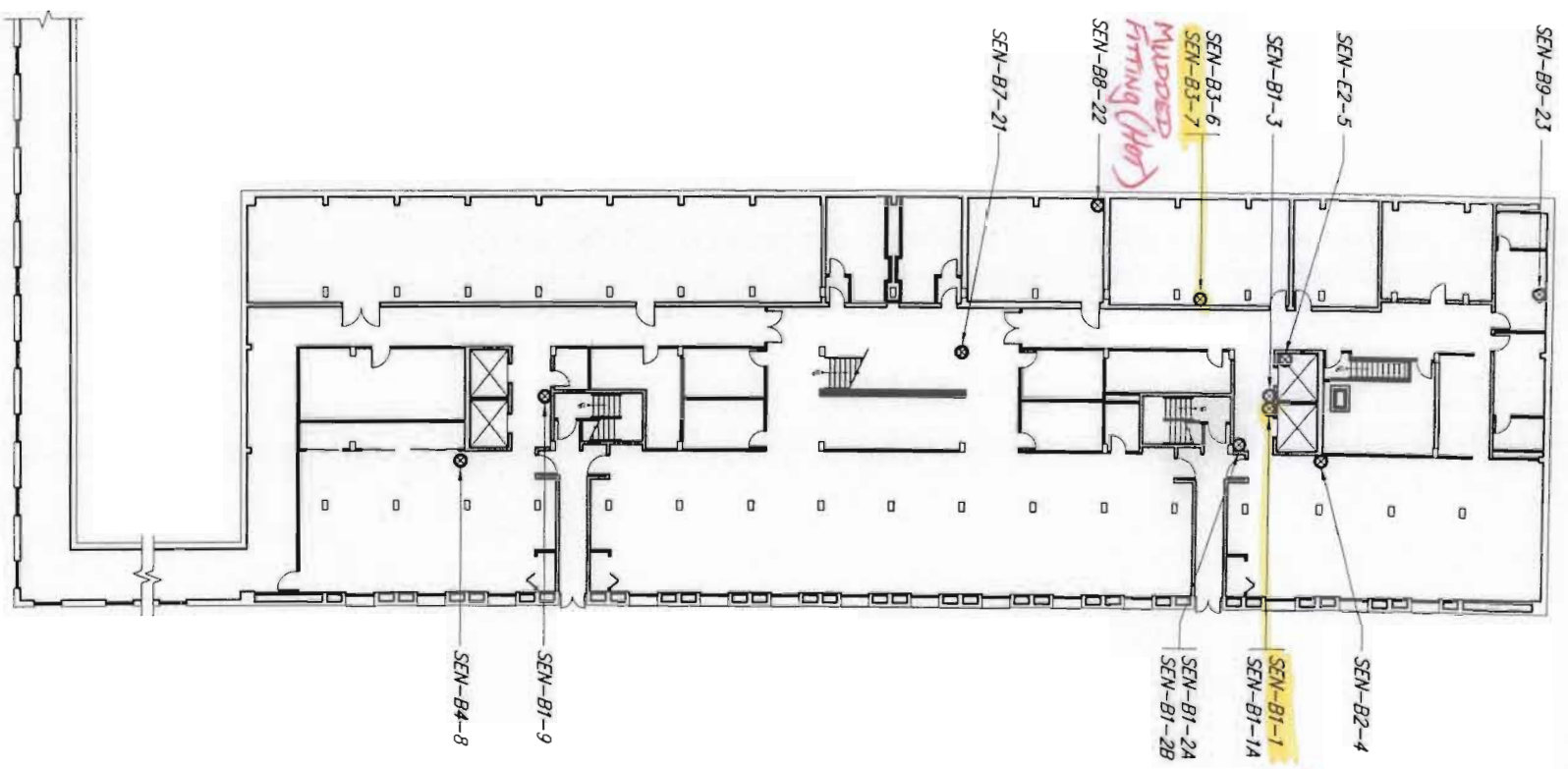
LU ENGINEERS
Civil and Environmental

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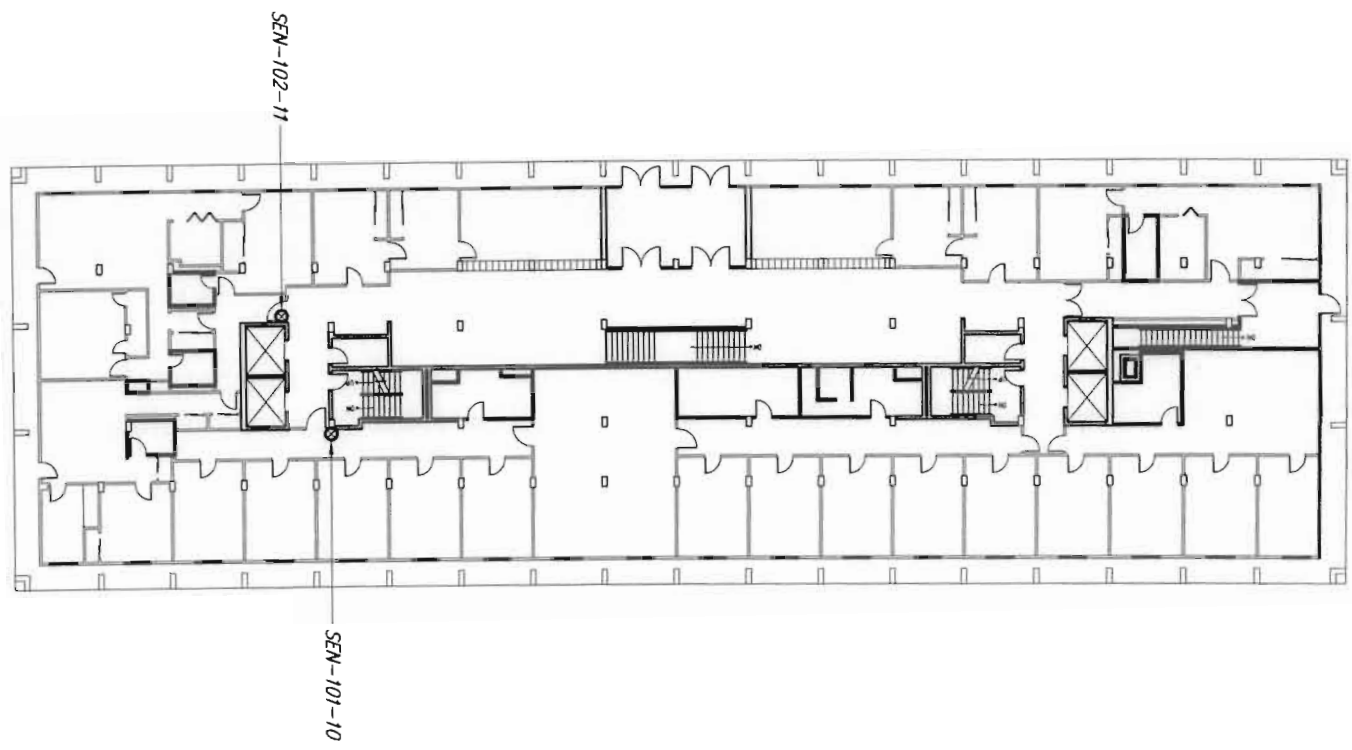
SENECA-BASEMENT

SCALE: 1" = 30'



9x9 Floor Tile (Hot)

MISSED FITTING (Hot)

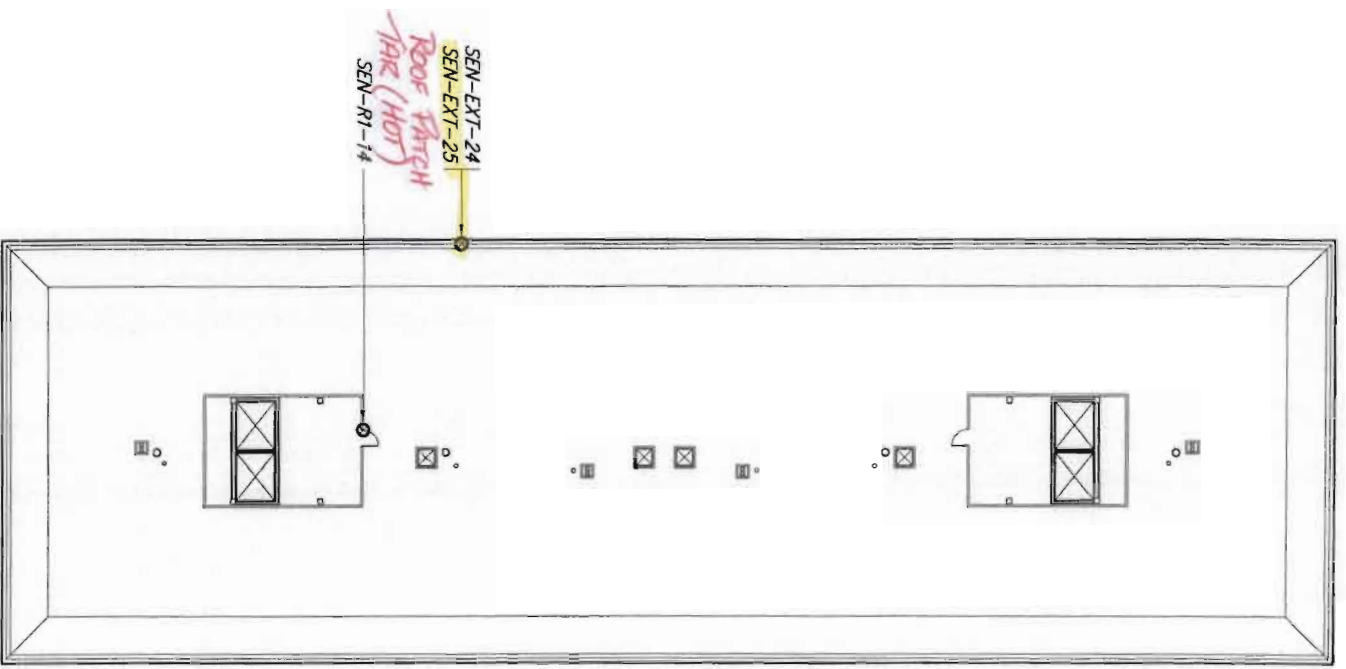


SENECA—FIRST FLOOR

SCALE: 1" = 30'



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SENECA-ROOF

SCALE: 1" = 30'



Asbestos Bulk Sample Location Plan

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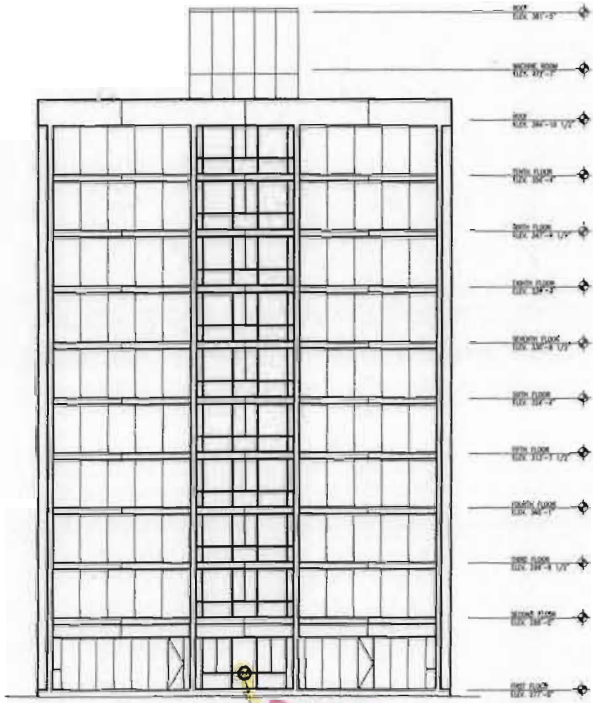
Asbestos Bulk Sample Location Plan
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*WINDOW PANEL
CAULK (HOT)*

SENECA - WEST ELEVATION

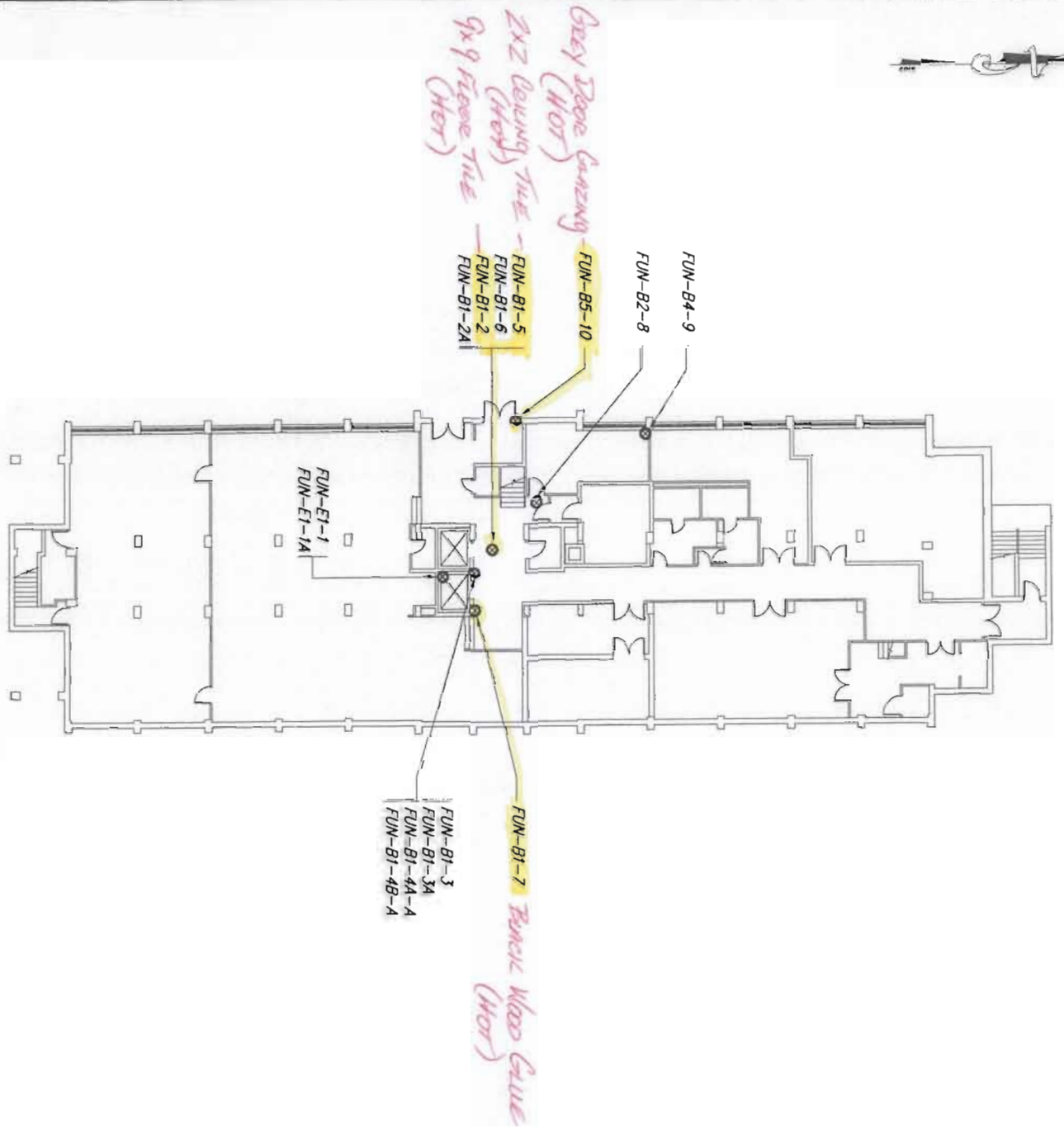
SCALE: 1" = 30'



SENECA-SOUTH ELEVATION

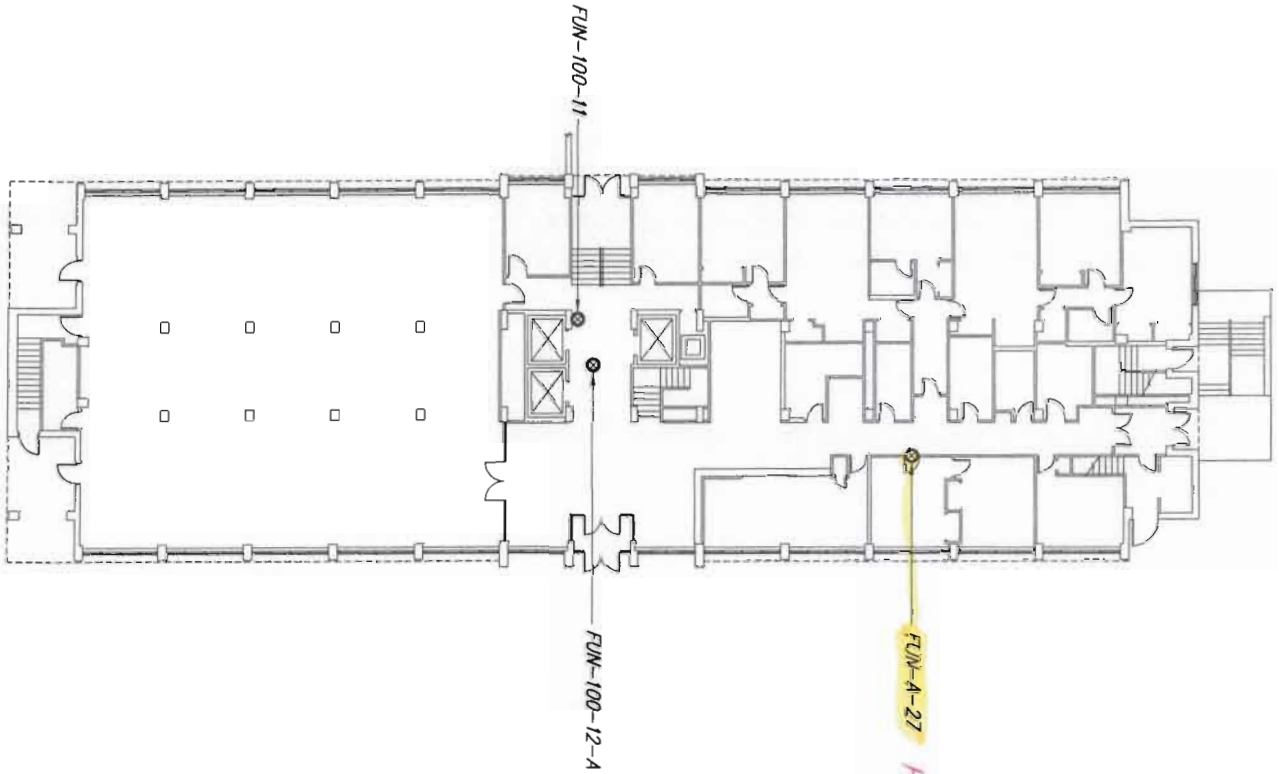
SCALE: 1" = 30'

FUNNELLE HALL



FUNNELLE-BASEMENT PLAN

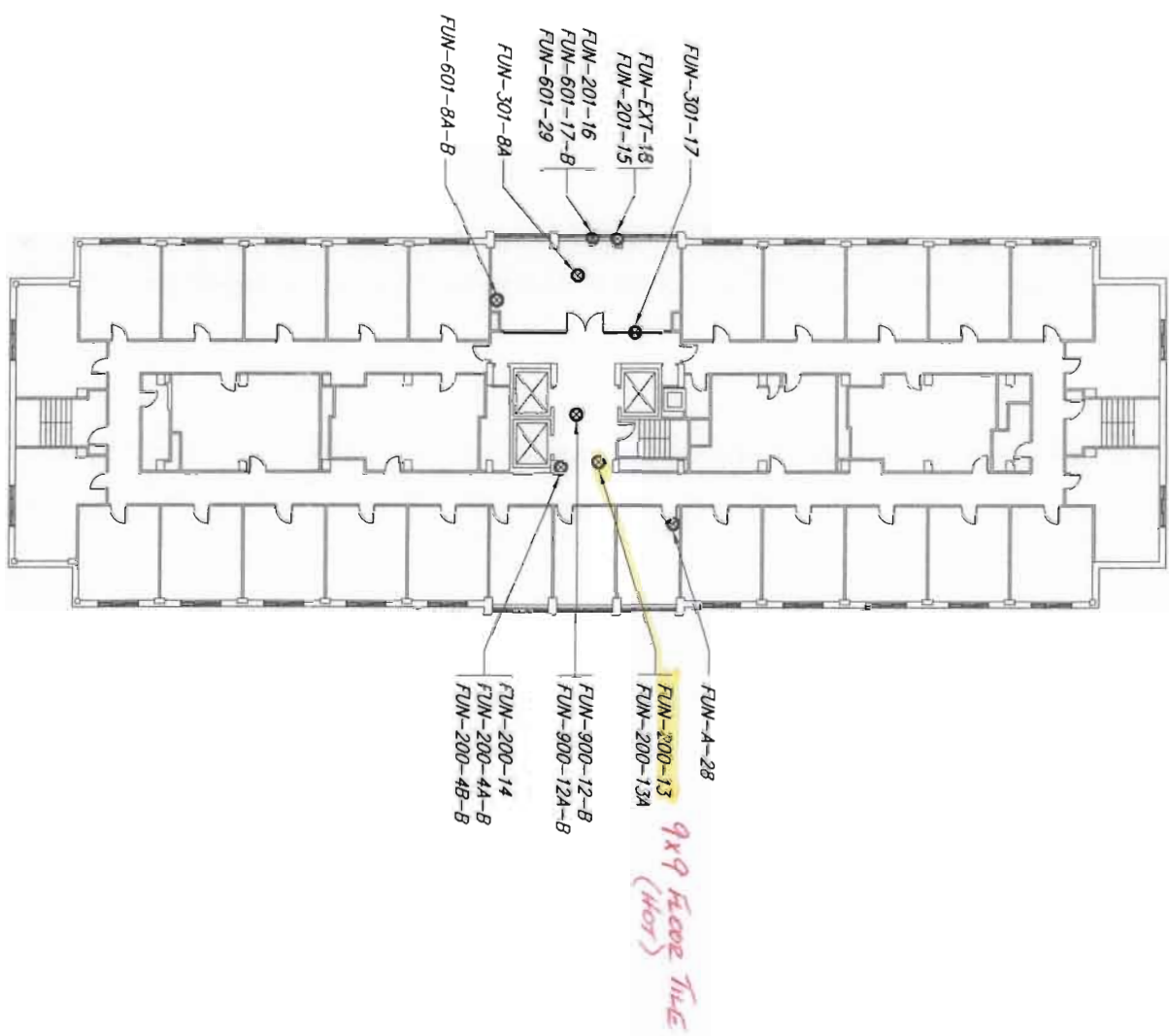
SCALE: 1" = 30'



FUN-4-27 Fire Door Insulated (HOT)

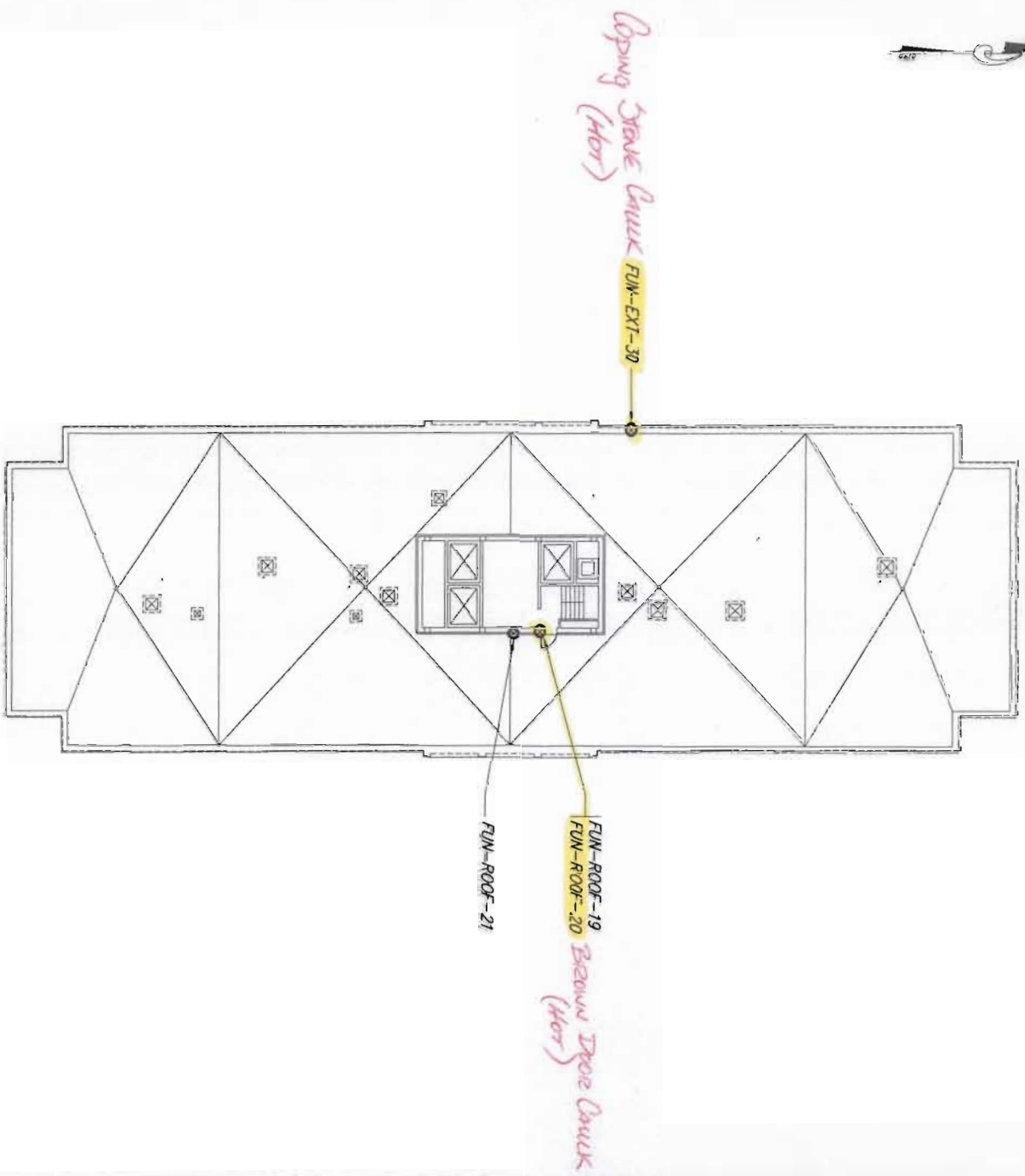
FUNNELLE—FIRST FLOOR

SCALE: 1" = 30'



FUNNELLE - TYPICAL FLOOR

SCALE: 1" = 30'



FUNNELLE-ROOF PLAN

SCALE: 1" = 30'

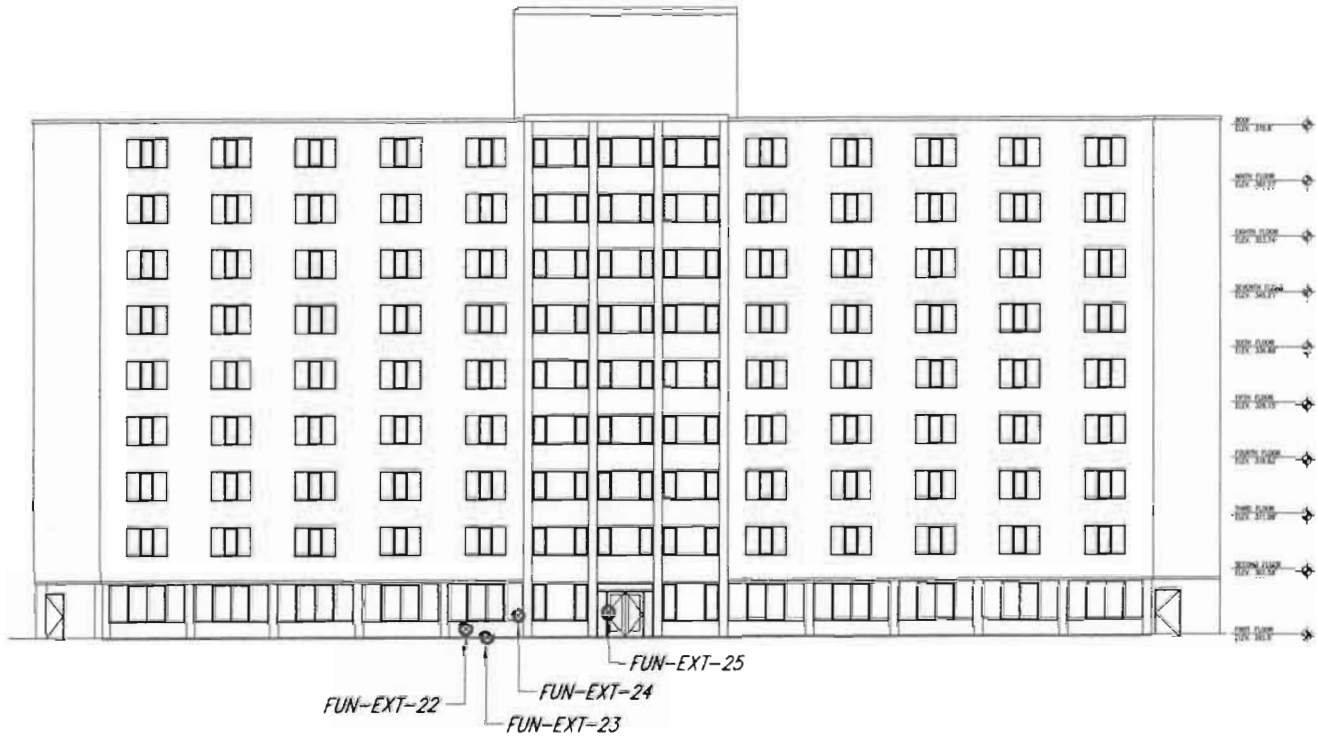


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FUNNELLE—SOUTH ELEVATION

SCALE: 1" = 30'



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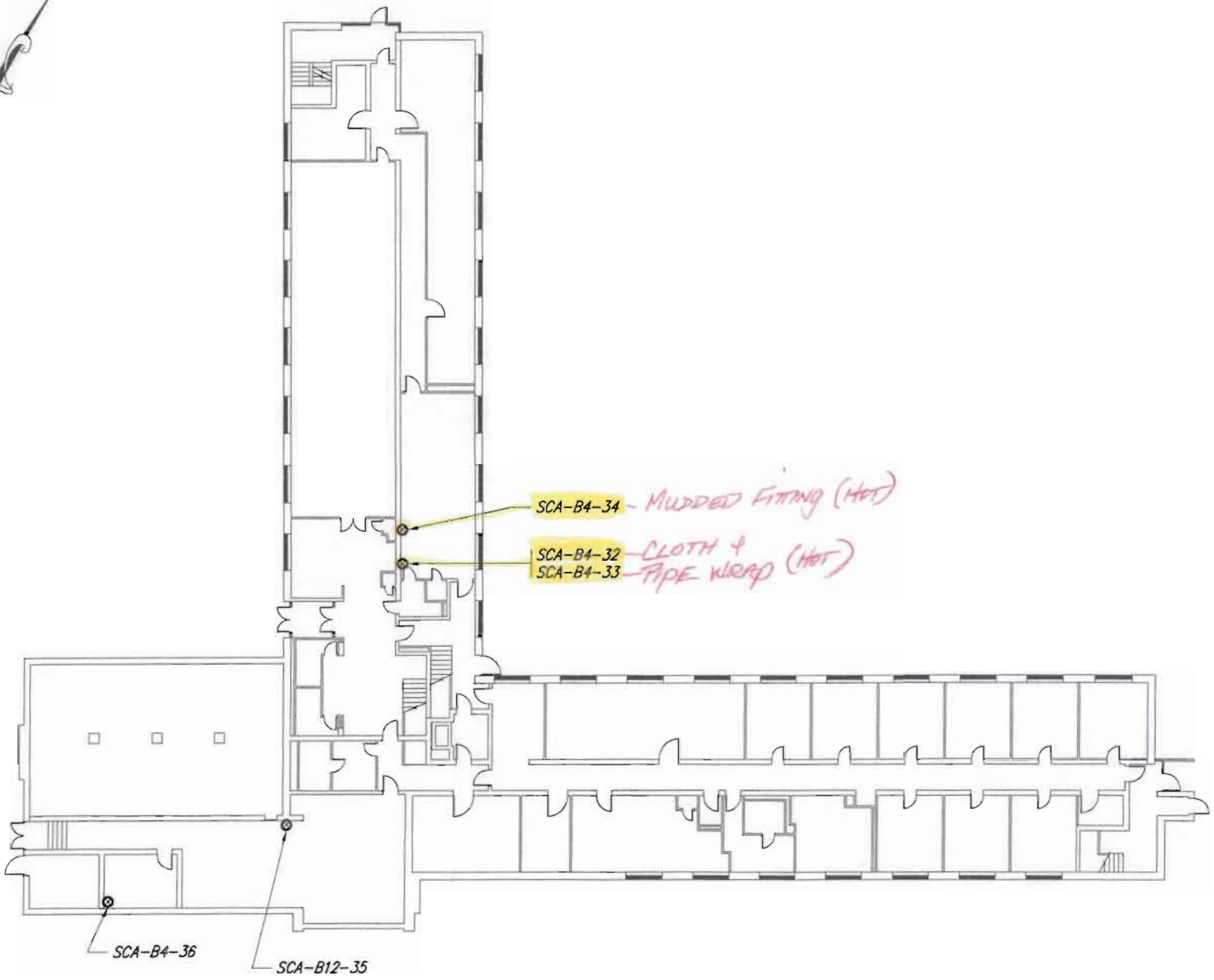
Asbestos Bulk Sample Location Plan
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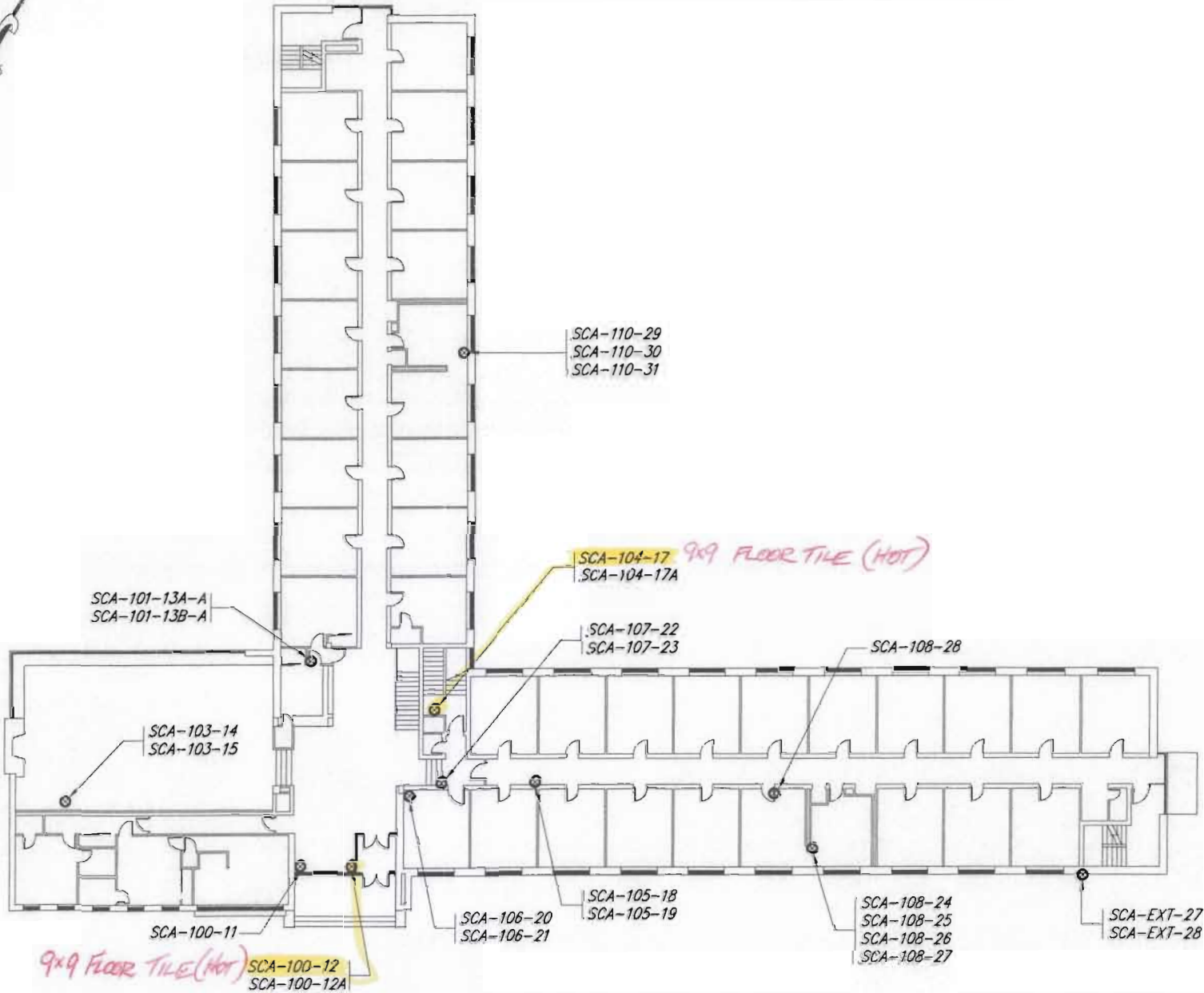
FUNNELLE-NORTH ELEVATION

SCALE: 1" = 30'

SCALES HALL



SCALES-BASEMENT
SCALE: 1" = 30'



SCALES—FIRST FLOOR

SCALE: 1" = 30'

Asbestos Bulk Sample Location Plan

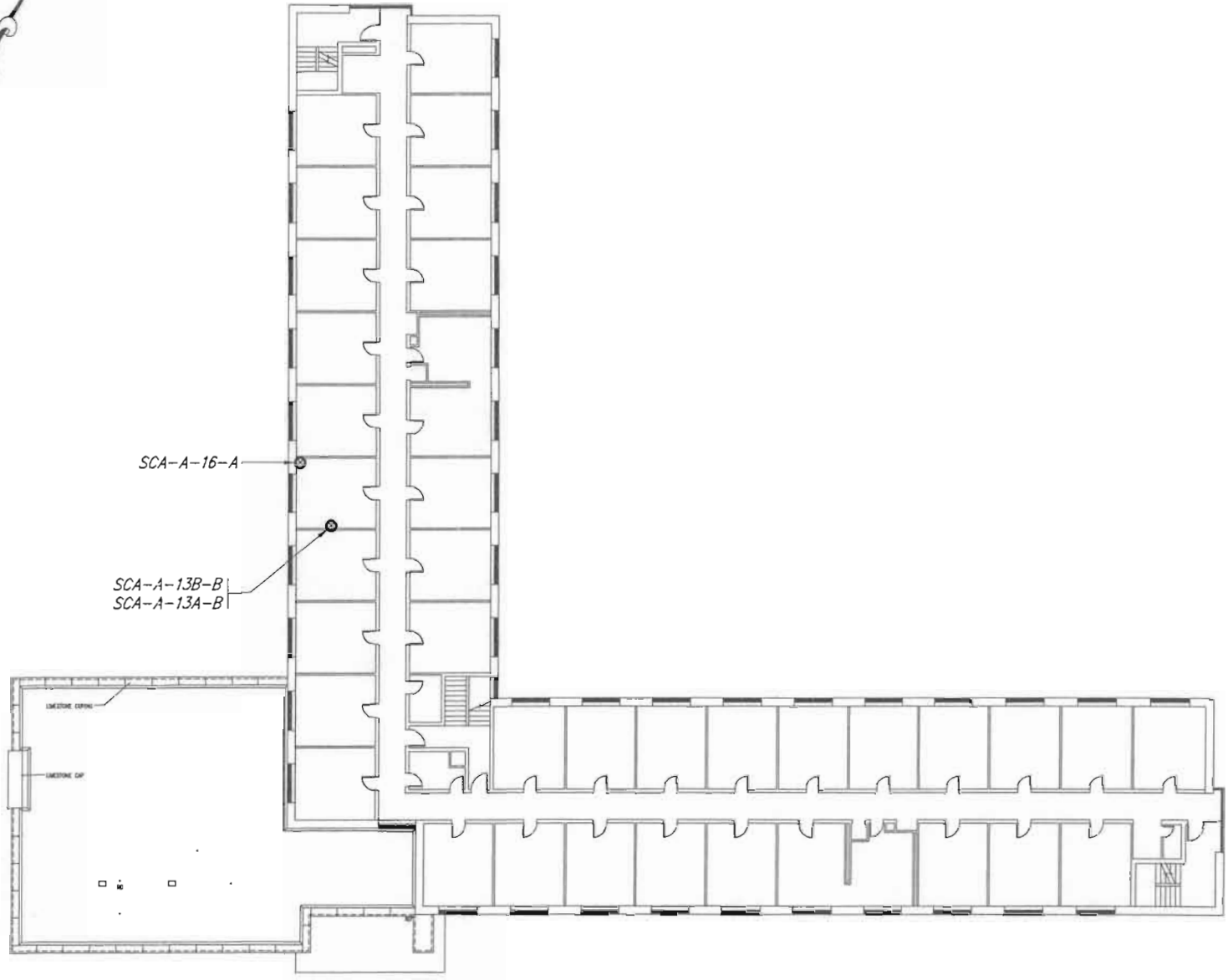
State University of New York

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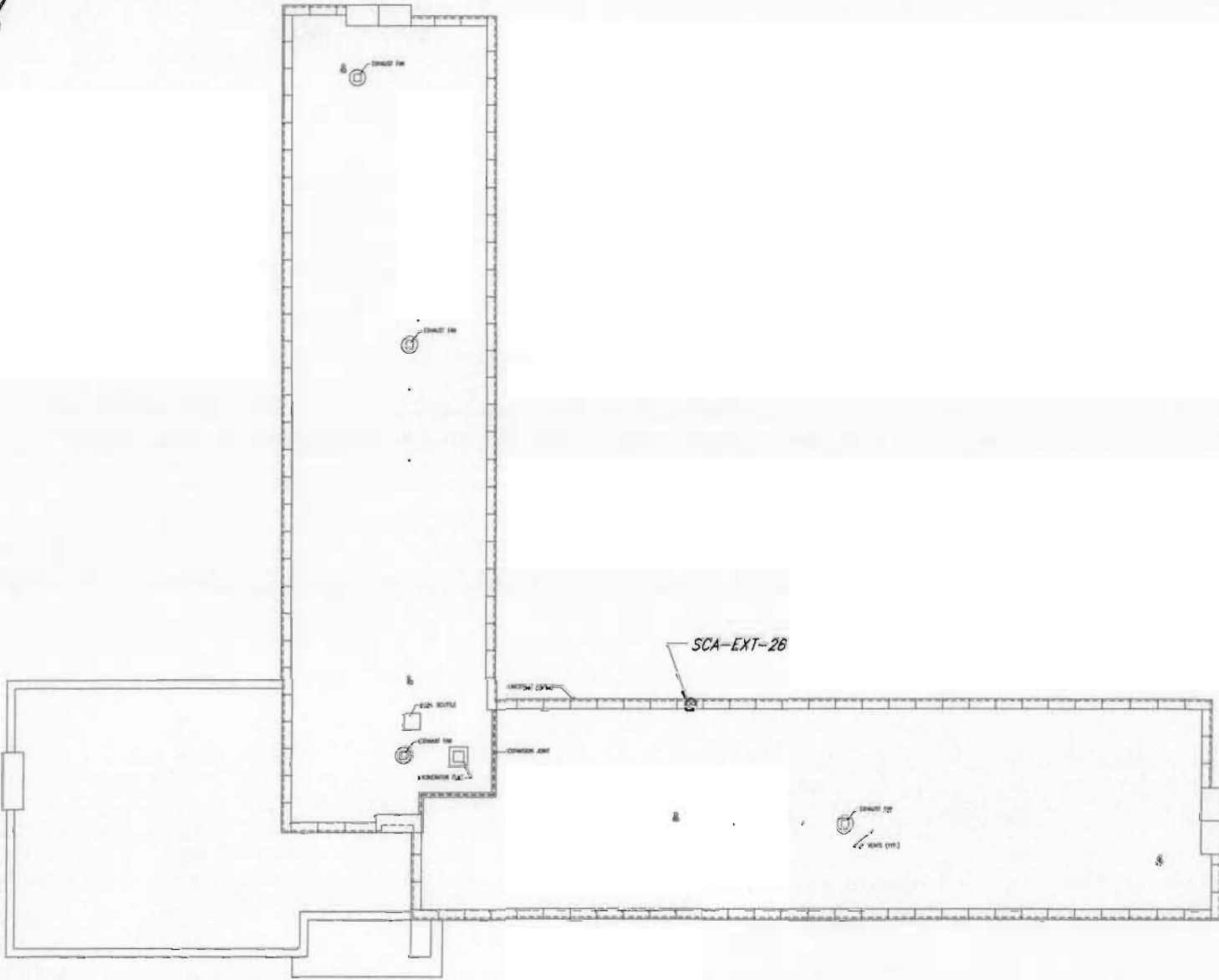
SCALES-2nd & 3rd FLOORS

SCALE: 1" = 30'

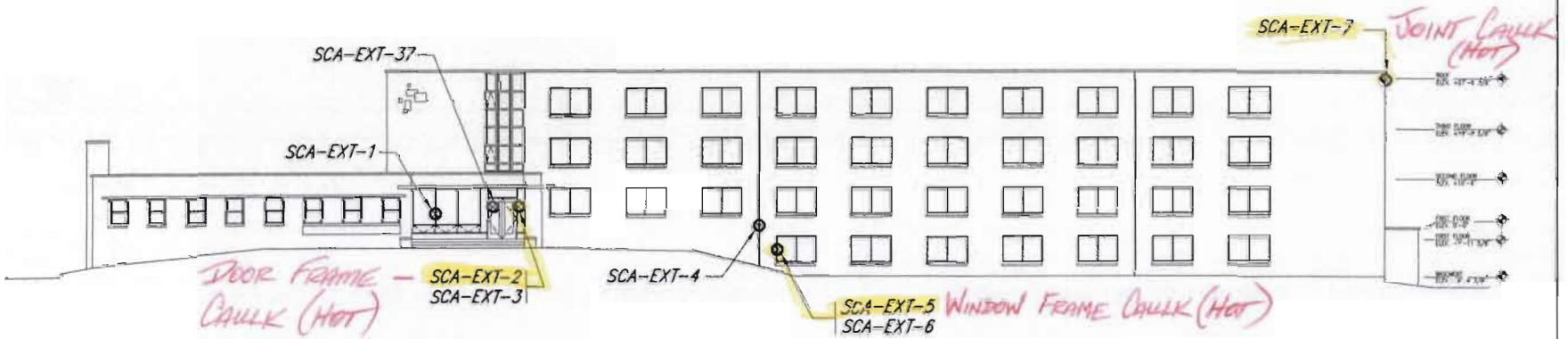
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SCALES-ROOF PLAN
SCALE: 1" = 30'

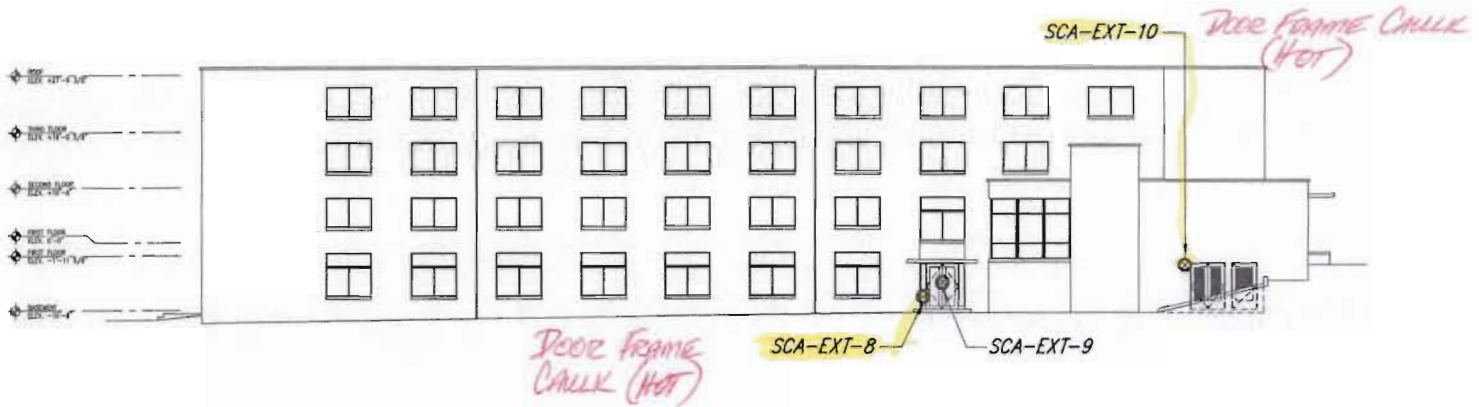


SCALES—SOUTH ELEVATION

SCALE: 1" = 30'



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SCALES—WEST ELEVATION

SCALE: 1" = 30'

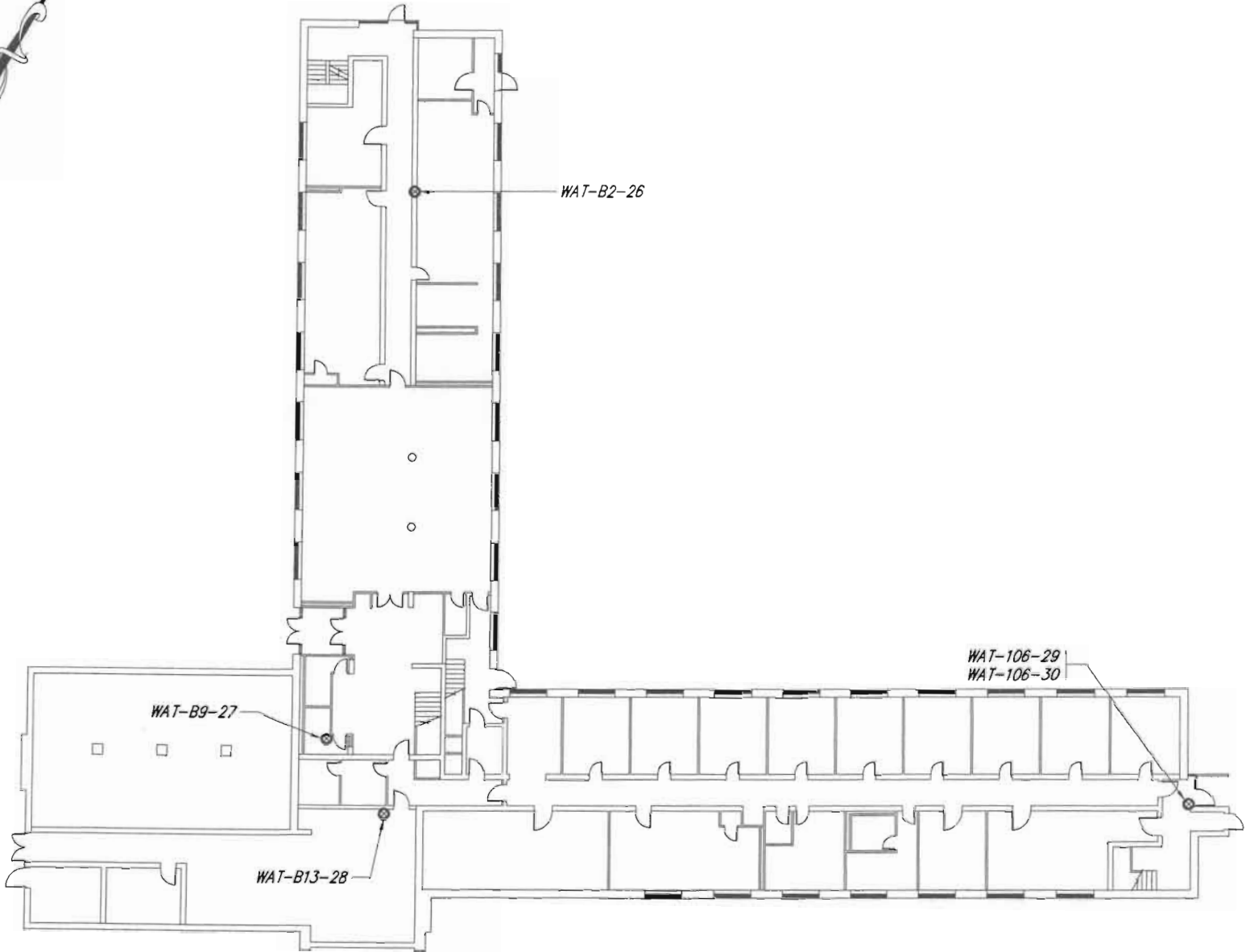
Asbestos Bulk Sample Location Plan

State University of New York

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WATERBURY HALL

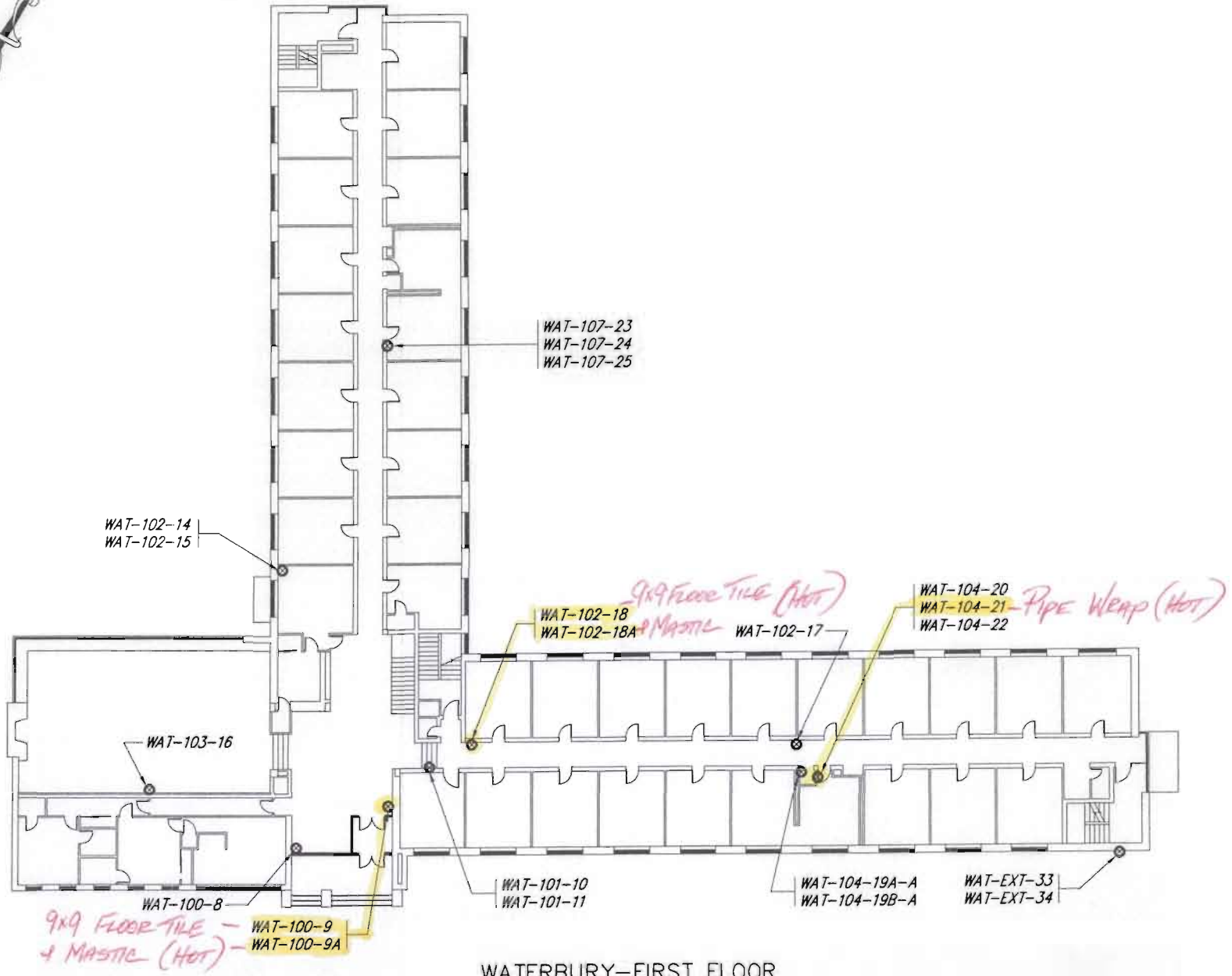
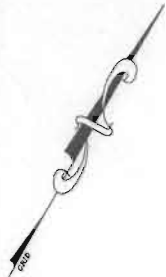


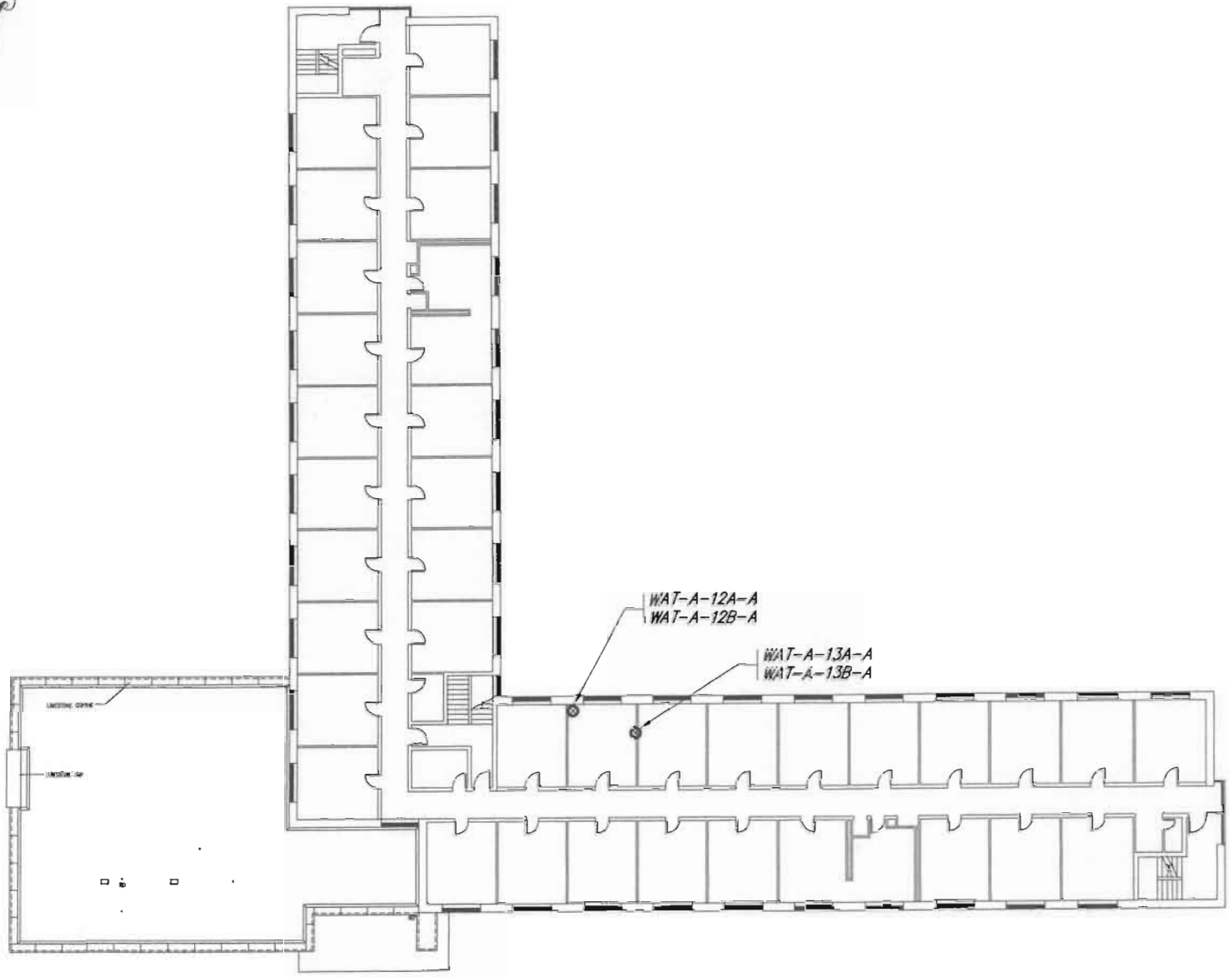
WATERBURY-BASEMENT

SCALE: 1" = 30'

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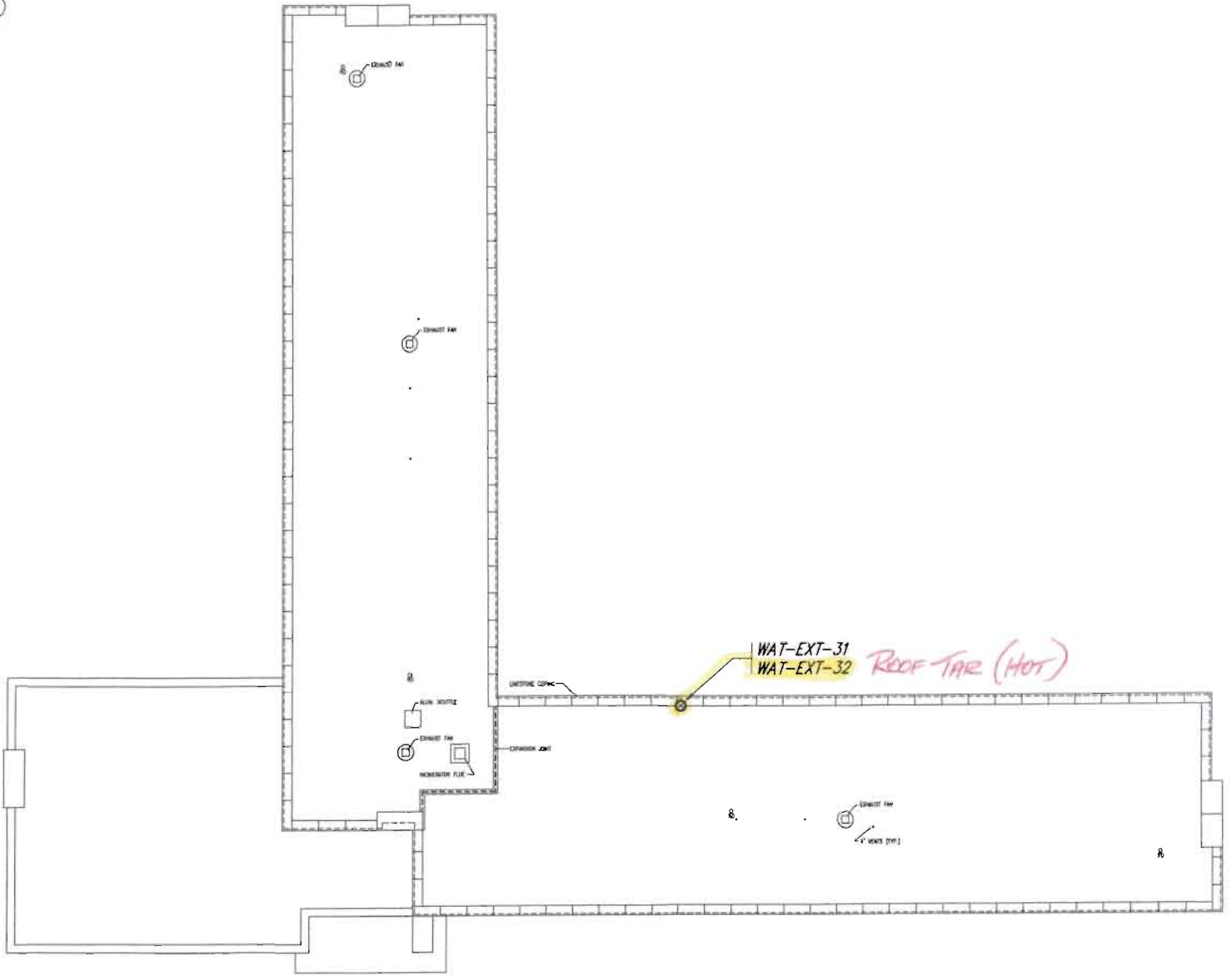




WATERBURY-2nd & 3rd FLOORS
SCALE: 1" = 30'



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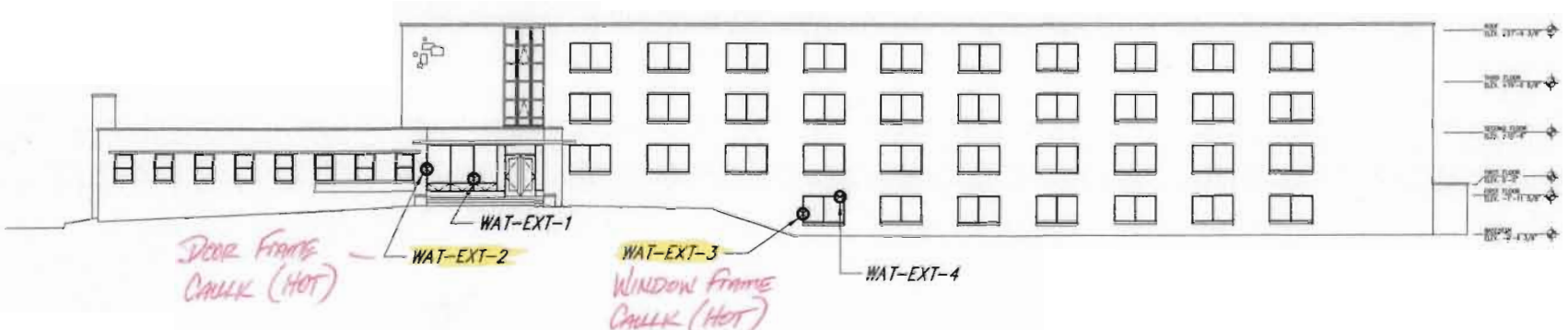


WATERBURY-ROOF PLAN
SCALE: 1" = 30'



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WATERBURY-SOUTH ELEVATION

SCALE: 1" = 30'

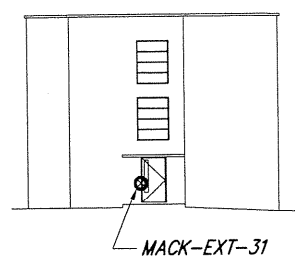


WATERBURY-WEST ELEVATION

SCALE: 1" = 30'

**MACKIN COMPLEX
(INCLUDING MACKIN, LONIS AND MORELAND)**

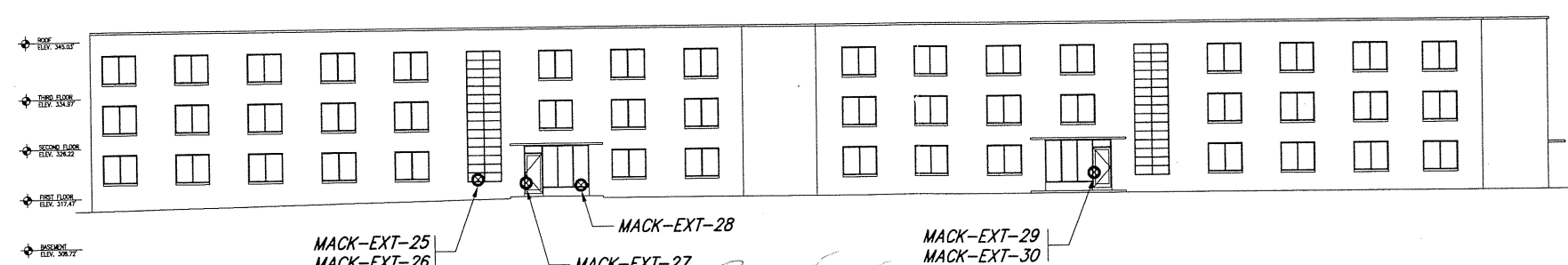
LECTS3 JOLLEY T 5301 S EGO/CA N.DWG. DL 3:51 DIANE



MACK-EXT-31

MORELAND-SOUTH ELEVATION

SCALE: 1" = 30'



MACK-EXT-25
MACK-EXT-26
*Window Frame
& Glazing (Hot)*

MACK-EXT-27
MACK-EXT-28
*Door Frame
(Hot)*

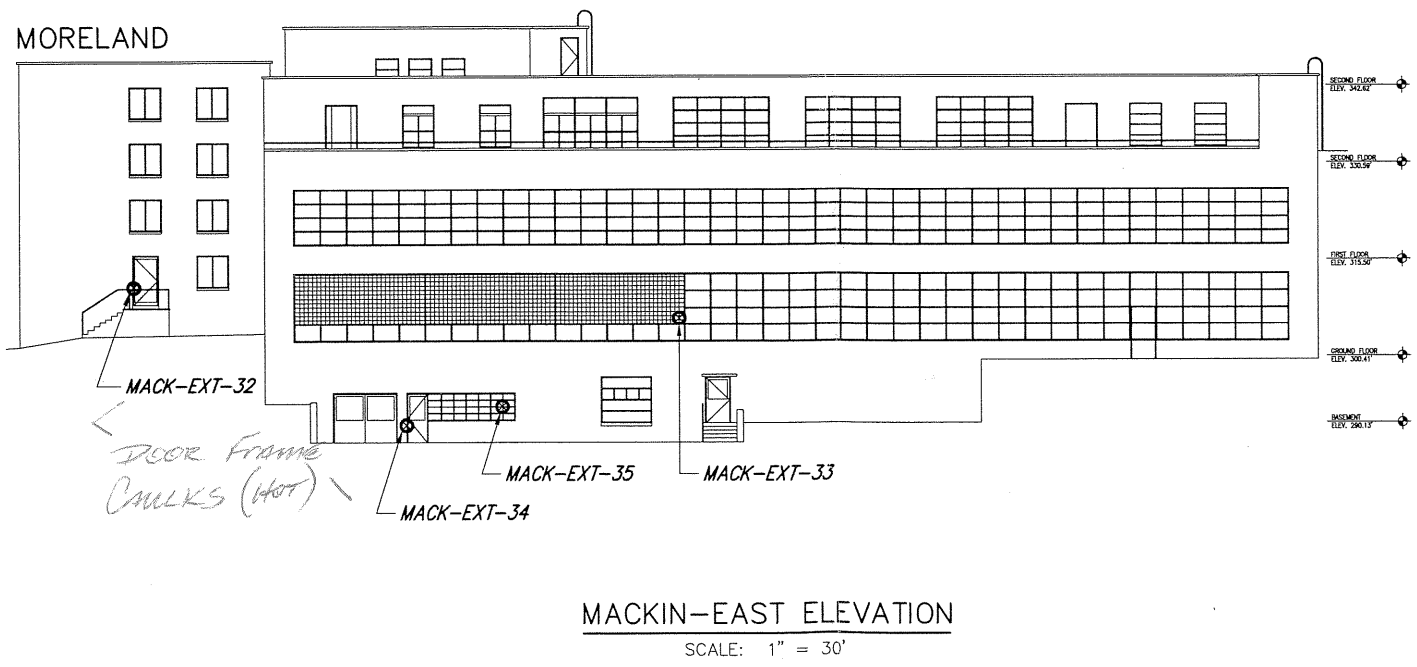
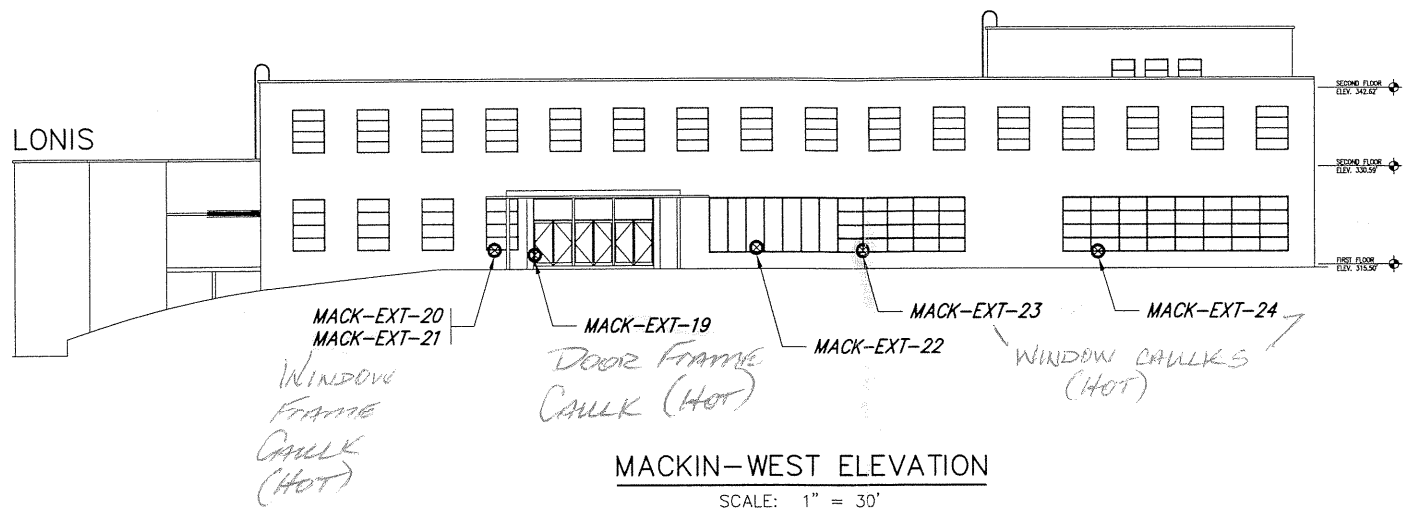
MACK-EXT-29
MACK-EXT-30
*Door Frame
(Hot)*

MORELAND-WEST ELEVATION

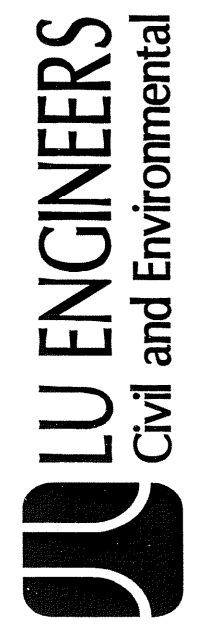
SCALE: 1" = 30'

ROOF
ELEV. 345.37
THIRD FLOOR
ELEV. 342.37
SECOND FLOOR
ELEV. 342.22
FIRST FLOOR
ELEV. 339.24
GRADE
ELEV. 28.77

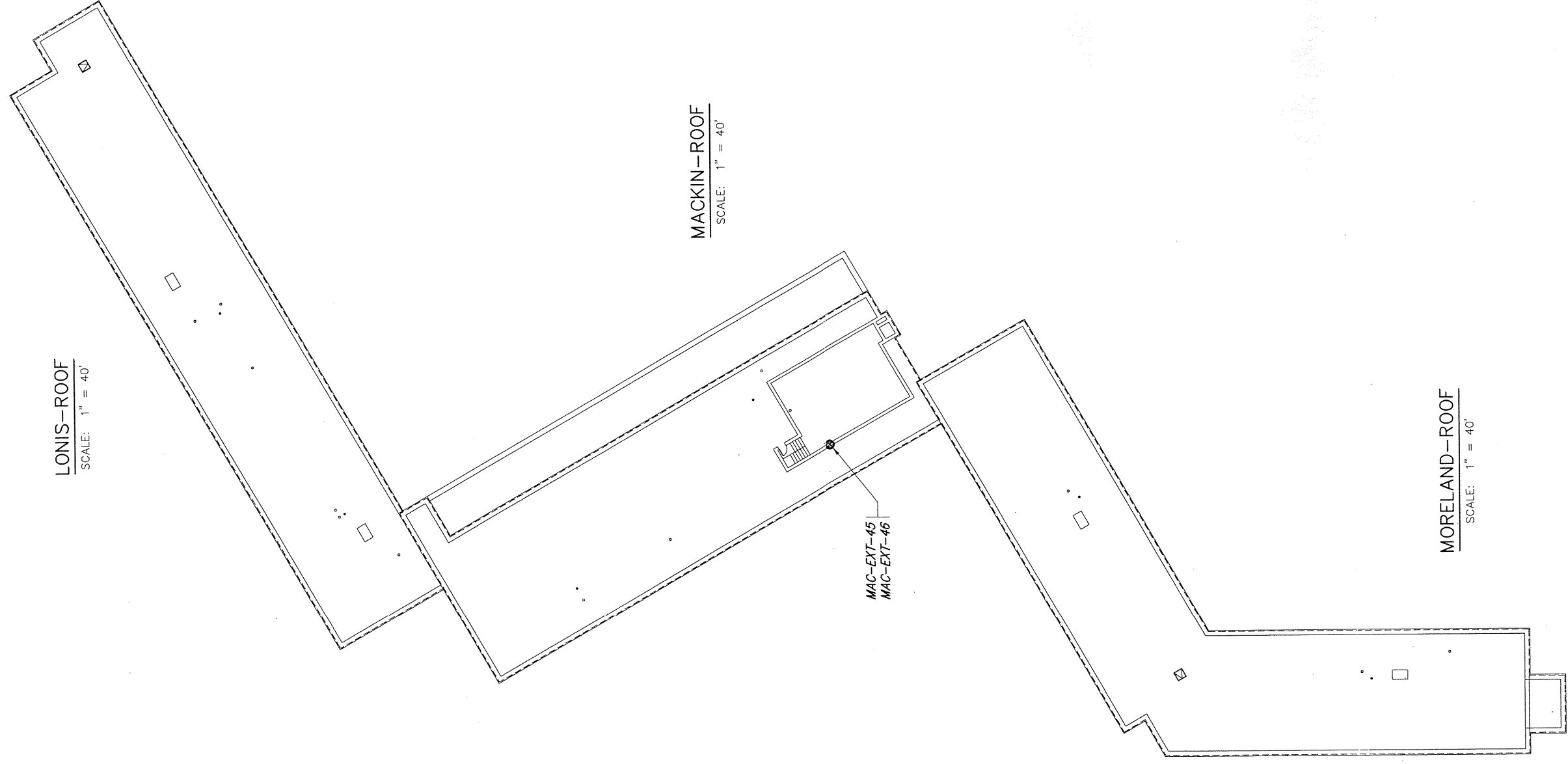
Asbestos Bulk Sample Location Plan
State University of New York
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Lu Project No. 35301



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 Lu Project No. 35301



PROJECTS
 JOLLEY
 5301 S
 JEGOVCP
 IN.DWG,
 104-3-5
 DIANE



LONIS-ROOF
SCALE: 1" = 40'

MACKIN-ROOF
SCALE: 1" = 40'

MORELAND-ROOF
SCALE: 1" = 40'

MAC-EXT-45
MAC-EXT-46

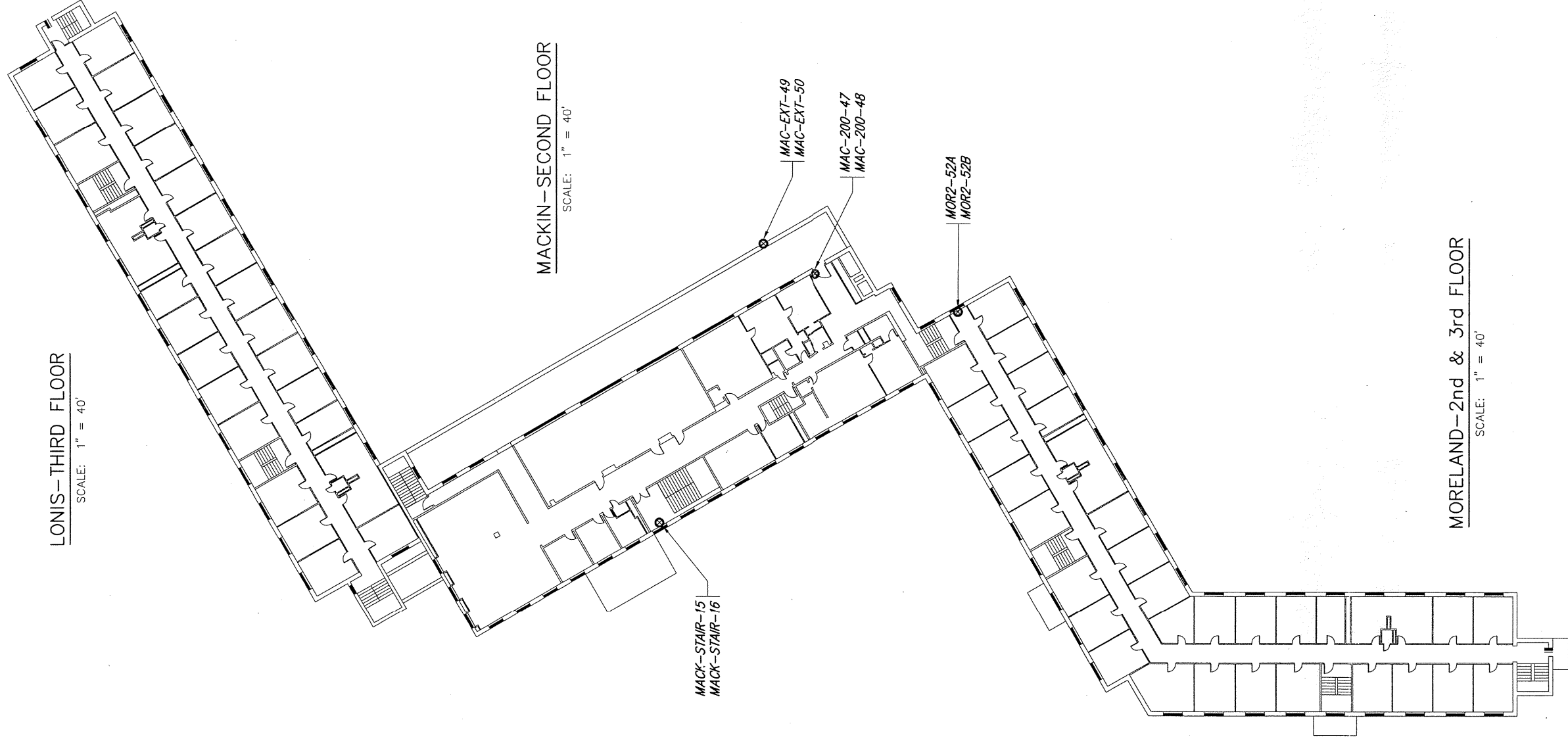


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LONIS-THIRD FLOOR

SCALE: 1" = 40'

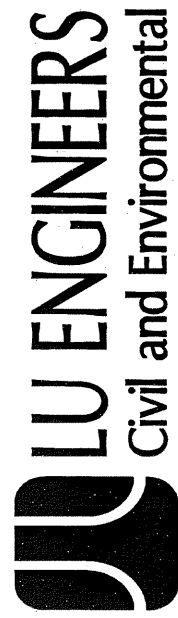


MACKIN-SECOND FLOOR

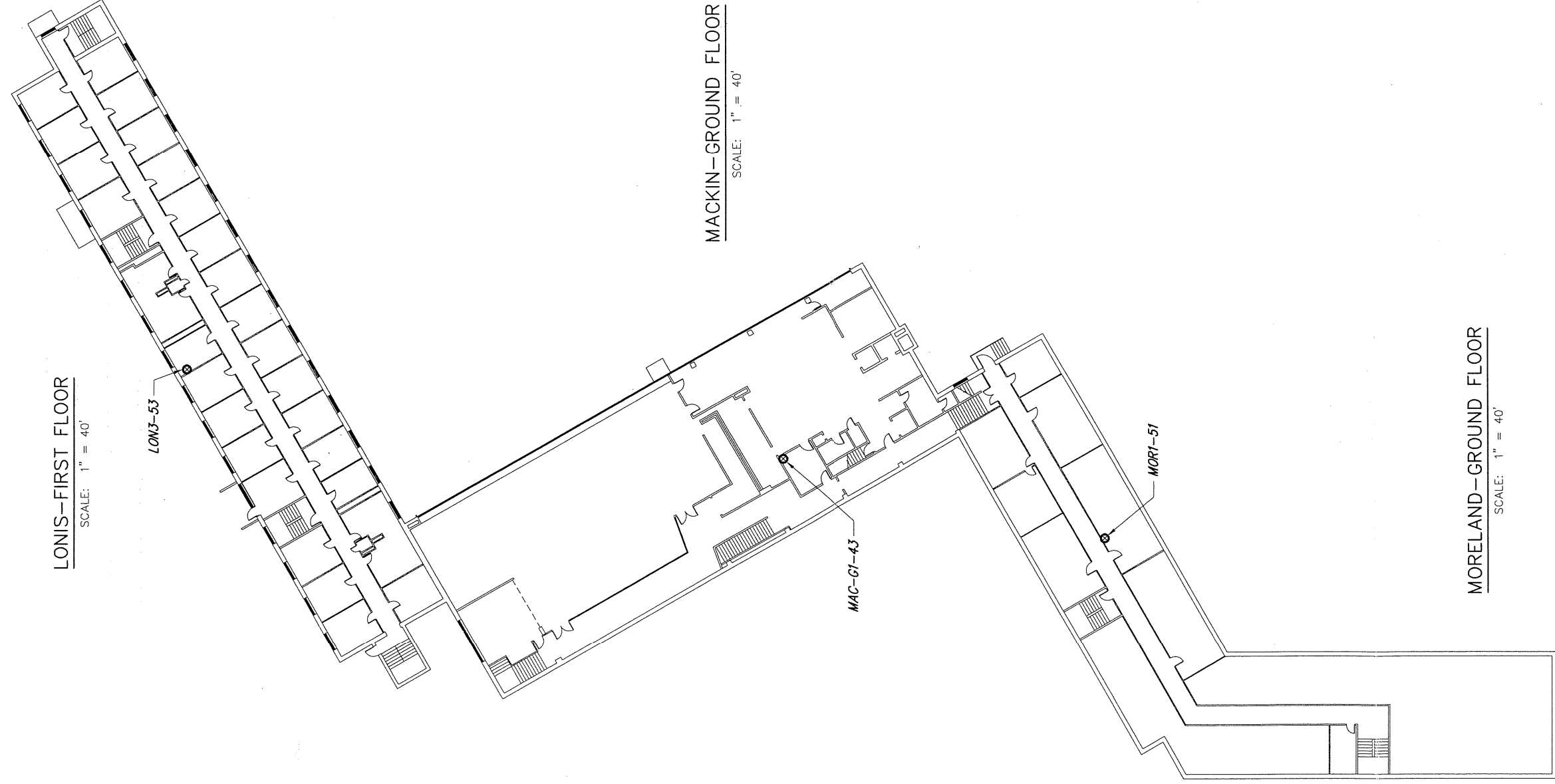
SCALE: 1" = 40'

MORELAND-2nd & 3rd FLOOR

SCALE: 1" = 40'



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LONIS-FIRST FLOOR

SCALE: 1" = 40'

LON3-53

MACKIN-GROUND FLOOR

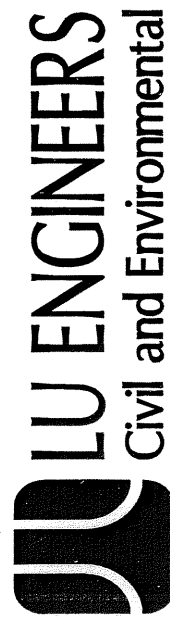
SCALE: 1" = 40'

MAC-G1-43

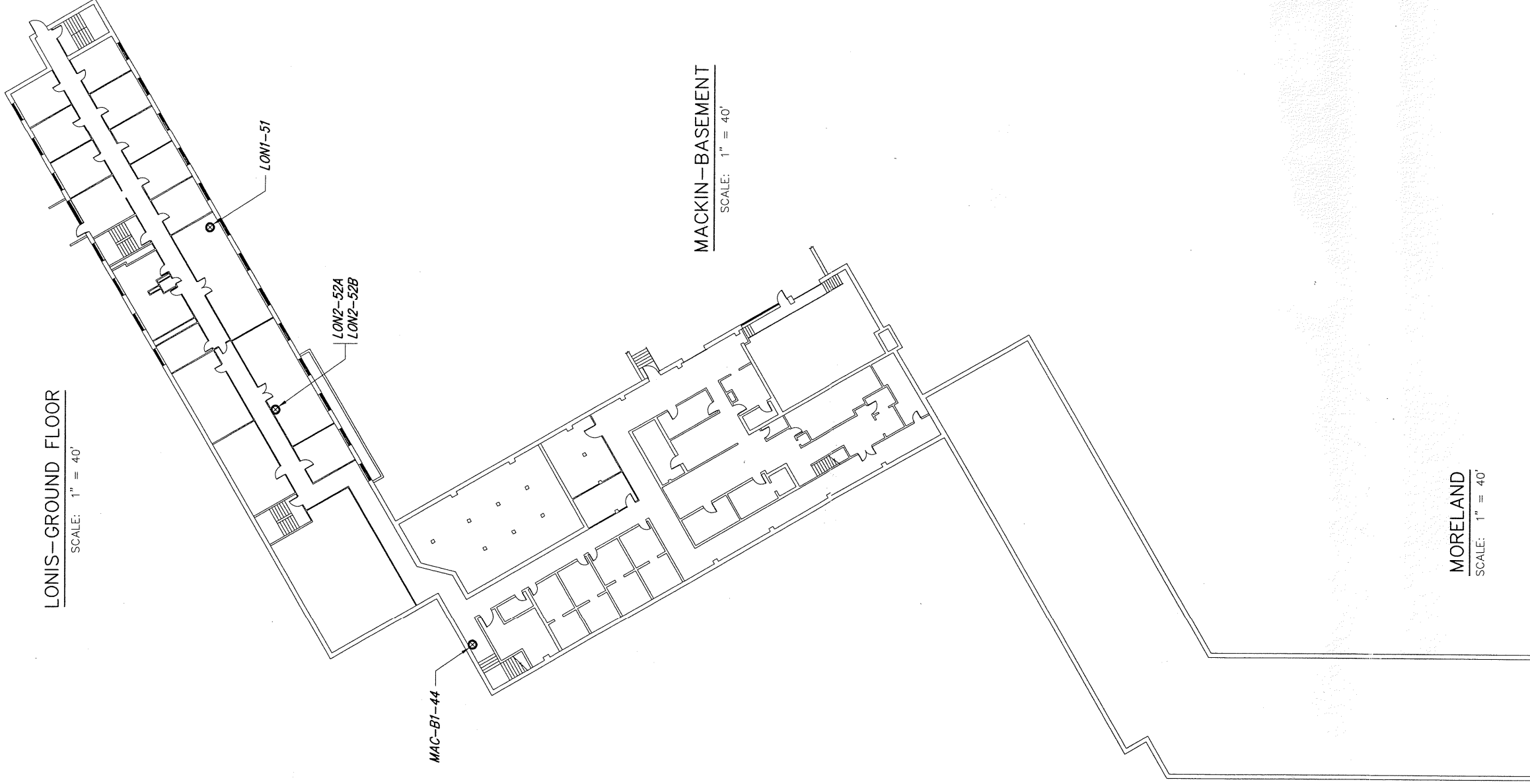
MORELAND-GROUND FLOOR

SCALE: 1" = 40'

MOR1-51



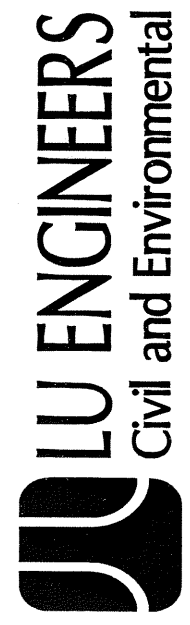
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LONIS-GROUND FLOOR
SCALE: 1" = 40'

MACKIN-BASEMENT
SCALE: 1" = 40'

MORELAND
SCALE: 1" = 40'



Asbestos Bulk Sample Location Plan
State University of New York
Oswego, New York
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ATTACHMENT C

*Laboratory Analytical Report
Bulk Sample Log
Chain of Custody Forms*

**LIMITED ASBESTOS SURVEY
TECHNICAL MEMORANDUM**

OSWEGO STATE UNIVERSITY OF NEW YORK
RESIDENT HALL—FEASIBILITY STUDY

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 47604

ELAP # 11184

TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.
ADDRESS: 2230 Penfield Road
Penfield, New York 14526
Attn: Christine Davey

SAMPLE TYPE: Bulk

SAMPLE DATE: 08/20/2004

PROJECT LOCATION: SUNY Oswego Feasibility Study - Oneida Hall (PO# 393599)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLGR / DESCRIPTION
ONE-EXT-1	47604-1	T	ND		ND		MIN/BINDER	100	BLACK CAULK
ONE-EXT-2	47604-2	T	ND		ND		MIN/BINDER	100	WHITE CAULK
ONE-EXT-3	47604-3	T	ND		ND		MIN/BINDER	100	GREY CAULK
ONE-EXT-4	47604-4	T	ND		ND		MIN/BINDER	100	BROWN CAULK
ONE-EXT-5	47604-5	T	ND		ND		MIN/BINDER	100	TAN CAULK
ONE-EXT-6	47604-6	T	ND		ND		MIN/BINDER	100	PEACH CAULK
ONE-EXT-7	47604-7	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	GREY CAULK
ONE-E1-8	47604-8	P	ND		CELLULOSE	80	BINDER	20	GREY PANELING
ONE-E1-9	47604-9	G	ND		CELLULOSE	50	TAR	50	BLACK TAR PAPER
ONE-B3-10	47604-10	P	ND		FIBERGLASS	100	ND		WHITE ACT
ONE-B3-11A	47604-11	P	ND		ND		MINERAL	100	WHITE WALL PLASTER
ONE-B3-11B	47604-12	P	ND		ND		MINERAL	100	GRAY WALL PLASTER
ONE-B3-12	47604-13	P	ND		CELLULOSE	72	MINERAL	28	OFF-WHITE CLOTH
ONE-B3-13	47604-14	P	CHRYSOTILE	33	ND		MINERAL	67	GREY MUDDED FITTING
ONE-100-14	47604-15	P	ND		CELLULOSE	30	BINDER	70	BLUE WALL PAPER
ONE-100-15	47604-16	P	ND		FIBERGLASS	100	ND		WHITE SAT
ONE-A-16	47604-17	P	CHRYSOTILE	10	ND		MINERAL	90	WHITE SPRAY-ON CEILING
ONE-C-17	47604-18	P	ND		CELLULOSE	80	MINERAL	20	WHITE SAT
ONE-E-18	47604-19	T	CHRYSOTILE	1.8	CELLULOSE	0.2	MIN/VINYL	98	OFF-WHITE FLOOR TILE
ONE-E-18A	47604-20	G	ND		ND		MASTIC	100	BLACK MASTIC
ONE-100-19	47604-21	P	ND		ND		MINERAL	100	BLACK SLATE FLOOR

Lab Supervisor: Matt Smith Date: 8/30/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

**Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

PLM = 11
NOB = 10
TEM = 8
Total = 21

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 47704

ELAP # 11184

TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.

SAMPLE TYPE: Bulk

ADDRESS: 2230 Penfield Road

Penfield, New York 14526

SAMPLE DATE: 08/20/2004

Attn: Christine Davey

PROJECT LOCATION: SUNY Oswego Feasibility Study - Cayuga Hall (PO# 393599)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
CAY-EXT-1	47704-1	T	ND		ND		MIN/BINDER	100	BLACK CAULK
CAY-EXT-2	47704-2	T	ND		ND		MIN/BINDER	100	GREY CAULK
CAY-EXT-3	47704-3	T	ND		ND		MIN/BINDER	100	TAN CAULK
CAY-EXT-4	47704-4	T	ND		ND		MIN/BINDER	100	BLACK CAULK
CAY-EXT-5	47704-5	N	CHRYSOTILE	16	ND		MIN/BINDER	84	BROWN GLAZING
CAY-B1-6	47704-6	N	CHRYSOTILE	19	ND		MIN/VINYL	81	WHITE FLOOR TILE
CAY-B1-6A	47704-7	G	ND		ND		MASTIC	100	BLACK MASTIC
CAY-B1-7	47704-8	P	ND		CELLULOSE	80	BINDER	20	WHITE SAT
CAY-B2-8	47704-9	P	ND		CELLULOSE	86	MINERAL	14	WHITE CLOTH COVERING
CAY-B2-9	47704-10	P	CHRYSOTILE	40	ND		MINERAL	60	GREY MUDDED FITTING
CAY-E1-10	47704-11	P	ND		CELLULOSE	75	BINDER	25	GREY PANELING
CAY-E1-11	47704-12	T	ND		ND		MIN/VINY	100	GREEN FLOOR TILE
CAY-E1-11A	47704-13	G	ND		CELLULOSE	7	MASTIC	93	BLACK MASTIC
CAY-100-12	47704-14	P	ND		CELLULOSE	40	BINDER	60	OFF-WHITE WALLPAPER
CAY-100-13A	47704-15	P	ND		ND		MINERAL	100	GREY JOINT COMPOUND
CAY-100-13B	47704-16	P	ND		CELLULOSE	5	MINERAL	95	GREY DRYWALL
CAY-101-14	47704-17	P	ND		CELL/GLASS	100	ND		WHITE ACT
CAY-102-15	47704-18	P	CHRYSOTILE	10	ND		MINERAL	90	WHITE SPRAY-ON CEILING
CAY-E1-16	47704-19	P	CHRYSOTILE	28	CELLULOSE	72	ND		GREY DOOR INSULATION
CAY-A-17	47704-20	P	ND		FIBERGLASS	100	ND		WHITE ACT
CAY-A-17A	47704-21	T	CHRYSOTILE	<1	FIBERGLASS	3	MIN/BINDER	97	BROWN GLUE PUCK

Lab Supervisor: Matt Smith Date: 8/26/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

PLM = 11
NOB = 10
TEM = 6
TOTAL = 21

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 47104

ELAP # 11184

TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.
ADDRESS: 2230 Penfield Road
Penfield, New York 14526
Attn: Christine Davey

SAMPLE TYPE: Bulk

SAMPLE DATE: 08/19/2004

PROJECT LOCATION: SUNY Oswego Feasibility Study - Onondaga Hall (PO# 393599)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
ONO-EXT-1	47104-1	T	ND		ND		MIN/BINDER	100	BLACK CAULK
ONO-EXT-2	47104-2	T	ND		ND		MIN/BINDER	100	PEACH CAULK
ONO-EXT-3	47104-3	T	ND		ND		MIN/BINDER	100	GRAY CAULK
ONO-EXT-4	47104-4	T	ND		ND		MIN/BINDER	100	BROWN CAULK
ONO-EXT-5	47104-5	G	ND		CELLULOSE	40	TAR/RUBBER	60	BLACK TAR PAPER
ONO-EXT-6	47104-6	T	CHRYBOTILE	<1	ND		MIN/BINDER	100	BROWN GLAZING
ONO-B1-7	47104-7	N	CHRYBOTILE	20	ND		MIN/VINYL	80	OFF-WHITE FLOOR TILE
ONO-B1-7A	47104-8	G	ND		CELLULOSE	15	MASTIC	85	BLACK MASTIC
ONO-B2-8	47104-9	P	ND		CELLULOSE	100	ND		WHITE SAT
ONO-B1-9	47104-10	P	ND		CELLULOSE	80	MINERAL	20	WHITE SAT
ONO-B1-10A	47104-11	P	ND		CELL/GLASS	10	MINERAL	90	WHITE DRYWALL
ONO-B1-10B	47104-12	P	ND		ND		MINERAL	100	WHITE JOINT COMPOUND
ONO-B2-11	47104-13	P	ND		CELLULOSE	70	BINDER	30	BLUE WALLPAPER
ONO-B3-12	47104-14	P	ND		CELLULOSE	100	ND		WHITE CLOTH WRAP
ONO-B3-13	47104-15	P	CHRYBOTILE	12	CELL/GLASS	30	MINERAL	58	BROWN MUDDED FITTING
ONO-E2-14	47104-16	T	ND		ND		MIN/VINYL	100	GREEN FLOOR TILE
ONO-1E2-14A	47104-17	G	ND		ND		MIN/BINDER	100	BROWN GLUE
ONO-E2-15	47104-18	P	ND		CELLULOSE	75	BINDER	25	BROWN PANELING
ONO-E4-16	47104-19	T	ND		ND		MIN/VINYL	100	GREY FLOOR TILE
ONO-EXT-16A	47104-201	T	ND		ND		MIN/BINDER	100	BROWN MASTIC
ONO-100-17	47104-22	P	ND		CELL/GLASS	100	ND		WHITE ACT
ONO-A-18	47104-23	P	ND		CELL/GLASS	100	ND		WHITE ACT

Lab Supervisor: Matt Smith Date: 8/30/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

PLM = 10 TEM = 8
NOB = 12 TOTALS = 22

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 44404

ELAP # 11184

TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.
ADDRESS: 2230 Penfield Road
Penfield, New York 14526
Attn: Christine Davey

SAMPLE TYPE: Bulk

SAMPLE DATE: 08/06/2004

PROJECT LOCATION: Feasibility Study, SUNY Oswego Campus - 8 Buildings (PO# 393599)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
FUN-E1-1	44404-1	T	ND		ND		MIN/VINYL	100	BLACK FLOOR TILE
FUN-E1-1A	44404-2	T	ND		ND		MIN/BINDER	100	BROWN MASTIC
FUN-B1-2	44404-3	N	CHRYBOTILE	17	ND		MIN/VINYL	83	BEIGE FLOOR TILE
FUN-B1-2A	44404-4	T	ND		CELLULOSE	6	MASTIC	94	BLACK MASTIC
FUN-B1-3	44404-5	P	ND		ND		RUBBER	100	BLACK COVE MOLDING
FUN-B1-3A	44404-6	G	ND		ND		MIN/BINDER	100	TAN MASTIC
FUN-B1-4A-A	44404-7	P	ND		ND		MINERAL	100	WHITE PLASTER
FUN-B1-4B-A	44404-8	P	ND		ND		MINERAL	100	GREY PLASTER
FUN-B1-5	44404-9	P	CHRYBOTILE	12	ND		MINERAL	88	WHITE CEILING TILE
FUN-B1-6	44404-10	P	ND		CELLULOSE	100	ND		BROWN FIBERBOARD
FUN-B1-7	44404-11	N	CHRYBOTILE	10	ND		MIN/BINDER	90	BLACK GLUE
FUN-B2-8	44404-12	P	ND		FIBERGLASS	85	MINERAL	15	WHITE ACT
FUN-B4-9	44404-13	P	ND		CELLULOSE	90	MINERAL	10	GREY CLOTH COVER
FUN-B5-10	44404-14	T	CHRYBOTILE	10	ND		MIN/BINDER	90	GREY GLAZING
FUN-100-11	44404-15	P	ND		FIBERGLASS	90	MINERAL	10	WHITE ACT
FUN-100-12-A	44404-16	P	ND		ND		MINERAL	100	WHITE PLASTER
FUN-200-13	44404-17	N	CHRYBOTILE	12	ND		MIN/VINYL	88	TAN FLOOR TILE
FUN-200-13A	44404-18	T	CHRYBOTILE	<1	ND		MIN/MASTIC	100	BLACK MASTIC
FUN-200-14	44404-19	T	ND		CELLULOSE	35	VINYL	65	WHITE CLOTH WALLPAPER
FUN-200-4A-B	44404-20	P	ND		ND		MINERAL	100	WHITE PLASTER
FUN-200-4B-B	44404-21	P	ND		ND		MINERAL	100	GREY PLASTER
FUN-201-15	44404-22	T	ND		ND		MIN/BINDER	100	GREY CAULK

Lab Supervisor: Matt Smith Date: 8/16/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

**Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

PLM = 11 TEM = 7
NOB = 11 TOTAL = 22

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LBL JOB # 44404

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
FUN-201-16	444-23	P	ND		ND		MINERAL	100	BLACK WINDOWSILL TOP
FUN-301-17	444-24	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	GREY GLAZING
FUN-EXT-18	444-25	T	ND		ND		MIN/BINDER	100	WHITE CAULK
FUN-301-8A	444-26	T	ND		ND		MIN/BINDER	100	BROWN GLUE
FUN-900-12-B	444-27	P	ND		ND		MINERAL	100	WHITE PLASTER
FUN-900-12A-B	444-28	P	ND		ND		MIN/BINDER	100	GREY PLASTER
FUN-ROOF-19	444-29	T	ND		ND		MIN/BINDER	100	GREY CAULK
FUN-ROOF-20	444-30	N	CHRYSOTILE	10	ND		MIN/BINDER	90	GREY CAULK
FUN-ROOF-21	444-31	T	ND		ND		MIN/BINDER	100	GREY CAULK
FUN-EXT-22	444-32	P	ND		ND		MINERAL	100	GREY MORTAR
FUN-EXT-23	444-33	T	ND		ND		MIN/BINDER	100	GREY CAULK
FUN-EXT-24	444-34	T	ND		ND		MIN/BINDER	100	BROWN CAULK
FUN-EXT-25	444-35	T	ND		ND		MIN/BINDER	100	WHITE GLAZING
FUN-EXT-26	444-36	N	CHRYSOTILE	10	ND		MIN/BINDER	90	GREY CAULK
WAT-EXT-1	444-37	G	ND		ND		MIN/BINDER	100	WHITE CAULK
WAT-EXT-2	444-38	N	CHRYSOTILE	10	ND		MIN/BINDER	100	GREY CAULK
WAT-EXT-3	444-39	N	CHRYSOTILE	10	ND		MIN/BINDER	100	GREY CAULK
WAT-EXT-4	444-40	T	ND		ND		MIN/BINDER	100	OFF-WHITE CAULK
WAT-EXT-5	444-41	N	CHRYSOTILE	10	ND		MIN/BINDER	90	GREY CAULK
WAT-EXT-6	444-42	T	ND		ND		MIN/BINDER	100	GREY GLAZING
WAT-EXT-7	444-43	N	CHRYSOTILE	10	ND		MIN/BINDER	90	GREY CAULK
SCA-EXT-1	444-44	G	ND		ND		MIN/BINDER	100	OFF-WHITE GLAZING
SCA-EXT-2	444-45	N	CHRYSOTILE	10	ND		MIN/BINDER	90	BEIGE CAULK
SCA-EXT-3	444-46	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	GREY CAULK
SCA-EXT-4	444-47	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	GREY CAULK
SCA-EXT-5	444-48	N	CHRYSOTILE	10	ND		MIN/BINDER	90	GREY CAULK
SCA-EXT-6	444-49	T	ND		ND		MIN/BINDER	100	OFF-WHITE CAULK
SCA-EXT-7	444-50	T	CHRYSOTILE	10	ND		MIN/BINDER	90	GREY CAULK

Lab Supervisor: Matt Smith Date: 8/16/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
 P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
 G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered and treated as non-asbestos containing."
PLM: 4 NOB: 24 TEM: 14 TOTAL: 28

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 51404

ELAP # 11184
TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.
ADDRESS: 2230 Penfield Road
Penfield, New York 14526
Attn: Christine Davey

SAMPLE TYPE: Bulk

SAMPLE DATE: 09/16/2004

PROJECT LOCATION: SUNY Oswego Residence Halls - Scales (PO# 393599)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
SCA-100-11	51404-1	P	ND		CELL/GLASS	100	ND		WHITE ACT
SCA-100-12	51404-2	N	CHRYSTOLE	14	ND		MIN/VINYL	86	GREEN FLOOR TILE
SCA-100-12A	51404-3	G	ND		ND		MASTIC	100	BLACK MASTIC
SCA-101-13A-A	51404-4	P	ND		ND		MINERAL	100	WHITE PLASTER
SCA-101-13B-A	51404-5	P	ND		ND		MINERAL	100	GRAY PLASTER
SCA-103-14	51404-6	P	ND		CELLULOSE	2	MINERAL	98	WHITE DRYWALL
SCA-103-15	51404-7	T	ND		ND		MIN/BINDER	100	BROWN GLUE
SCA-A-13A-B	51404-8	P	ND		ND		MINERAL	100	WHITE PLASTER
SCA-A-13B-B	51404-9	P	ND		ND		MINERAL	100	GRAY PLASTER
SCA-A-16-A	51404-10	P	ND		ND		MINERAL	100	WHITE PLASTER
SCA-104-17	51404-11	N	CHRYSTOLE	18	ND		MIN/VINYL	83	WHITE FLOOR TILE
SCA-104-17A	51404-12	G	ND		ND		MASTIC	100	BLACK MASTIC
SCA-105-18	51404-13	P	ND		FIBERGLASS	80	MINERAL	20	WHITE SAT
SCA-105-19	51404-14	P	ND		CELLULOSE	55	BINDER	45	TAN WALLPAPER
SCA-106-20	51404-15	T	ND		ND		MIN/BINDER	100	BROWN GLUE PUCK
SCA-106-21	51404-16	P	ND		FIBERGLASS	90	BINDER	10	WHITE ACT
SCA-107-22	51404-17	P	ND		ND		MINERAL	100	WHITE PLASTER
SCA-107-23	51404-18	P	ND		ND		MINERAL	100	BLACK WATERPROOFING
SCA-108-24	51404-19	P	ND		ND		MINERAL	100	BLUE CERAMIC TILE
SCA-108-25	51404-20	P	ND		ND		MINERAL	100	WHITE GROUT
SCA-108-26	51404-21	T	ND		ND		MIN/BINDER	100	TAN GLUE
SCA-108-27	51404-22	P	ND		ND		MINERAL	100	BROWN SETBED

Lab Supervisor: Matt Smith

Date: 10/1/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 51504

ELAP # 11184

TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.
ADDRESS: 2230 Penfield Road
Penfield, New York 14526
Attn: Christine Davey

SAMPLE TYPE: Bulk

SAMPLE DATE: 09/16/2004

PROJECT LOCATION: SUNY Oswego Residence Halls - Waterbury (PO# 393599)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
WAT-100-8	51504-1	P	ND		CELL/GLASS	100	ND		WHITE ACT
WAT-100-9	51504-2	N	CHRYBOTILE	13	ND		MIN/VINYL	87	GREY FLOOR TILE
WAT-100-9A	51504-3	N	CHRYBOTILE	15	ND		MASTIC	85	BLACK MASTIC
WAT-101-10	51504-4	P	ND		ND		MINERAL	100	BLACK TAR-LIKE MATERIAL
WAT-101-11	51504-5	P	ND		ND		MINERAL	100	WHITE PLASTER
WAT-A-12A-A	51504-6	P	ND		ND		MINERAL	100	WHITE PLASTER
WAT-A-12B-A	51504-7	P	ND		ND		MINERAL	100	GREY PLASTER
WAT-A-13A-A	51504-8	P	ND		ND		MINERAL	100	WHITE PLASTER
WAT-A-13B-A	51504-9	P	ND		ND		MINERAL	100	GREY PLASTER
WAT-102-14	51504-10	P	ND		ND		MINERAL	100	WHITE ACT
WAT-102-15	51504-11	P	ND		ND		MINERAL	100	BLUE WALLPAPER
WAT-103-16	51504-12	P	ND		CELLULOSE	100	ND	100	BROWN WALLBOARD
WAT-102-17	51504-13	P	ND		CELLULOSE	60	MINERAL	40	WHITE TECTUM CEILING
WAT-102-18	51504-14	N	CHRYBOTILE	8	ND		MIN/VINYL	92	GREY FLOOR TILE
WAT-102-18A	51504-15	N	CHRYBOTILE	16	ND		MASTIC	84	BLACK MASTIC
WAT-104-19A-A	51504-16	P	ND		ND		MINERAL	100	WHITE PLASTER
WAT-104-19B-A	51504-17	P	ND		ND		MINERAL	100	GREY PLASTER
WAT-104-20	51504-18	P	ND		CELLULOSE	100	ND		CREAM AIRCELL COVER
WAT-104-21	51504-19	P	CHRYBOTILE	75	CELLULOSE	15	MINERAL	10	GREY AIRCELL PIPEWRAP
WAT-104-22	51504-20	P	ND		FIBERGLASS	48	MINERAL	52	GREY MUD FITTING
WAT-107-23	51504-21	P	ND		ND		MINERAL	100	YELLOW CERAMIC TILE
WAT-107-24	51504-22	P	ND		ND		MINERAL	100	WHITE GROUT

Lab Supervisor: Matt Smith Date: 9/17/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

PLM=18 NOB=4 TEM=0 TOTAL=22

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 44304

ELAP # 11184

TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.
ADDRESS: 2230 Penfield Road
Penfield, New York 14526
Attn: Christine Davey

SAMPLE TYPE: Bulk

SAMPLE DATE: 08/03/2004

PROJECT LOCATION: Feasibility Study, SUNY Oswego Campus - 8 Buildings (PO# 393599)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
MACK-1C--1	443-1	T	ND		CELLULOSE	28	MIN/VINYL	72	GREY LINOLEUM
MACK-1C-1A	443-2	T	ND		ND		TAR/MIN	100	BROWN TAR PAPER
MACK-1C-2	443-3	N	CHRYBOTILE	15	ND		MIN/VINYL	85	BLACK FLOOR TILE
MACK-1C-2A	443-4	N	CHRYBOTILE	10	ND		MIN/MASTIC	90	BLACK MASTIC
MACK-1C-3	443-5	P	ND		ND		RUBBER	100	BROWN COVE MOLDING
MACK-1C-3A	443-6	T	CHRYBOTILE	<1	ND		MIN/BINDER	100	BROWN MASTIC
MACK-1C-4A-A	443-7	P	ND		ND		MINERAL	100	PEACH PLASTER
MACK-1C-4B-A	443-8	P	ND		ND		MINERAL	100	GREY PLASTER
MACK-1C-4A-1B	443-9	P	ND		ND		MINERAL	100	PEACH PLASTER
MACK-1C-4B-B	443-10	P	ND		ND		MINERAL	100	GREY PLASTER
MACK-1C4A-C	443-11	P	ND		ND		MINERAL	100	PEACH PLASTER
MACK-1C-4B-C	443-12	P	ND		ND		MINERAL	100	GREY PLASTER
MACK-1C-4A-D	443-13	P	ND		ND		MINERAL	100	PEACH PLASTER
MACK-1C-4B-D	443-14	P	ND		ND		MINERAL	100	GREY PLASTER
MACK-1C-4A-E	443-15	P	ND		ND		MINERAL	100	PEACH PLASTER
MACK-1C-4B-E	443-16	P	ND		ND		MINERAL	100	GREY PLASTER
MACK-1C-5	443-17	P	ND		CELL/GLASS	100	ND		WHITE ACT
MACK-1C-6	443-18	P	ND		ND		MINERAL	100	SILVER COATING
MACK-1C--7A-A	443-19	P	ND		ND		MINERAL	100	WHITE PLASTER
MACK-1C-7B-A	443-20	P	ND		CELLULOSE	2	MINERAL	98	GREY PLASTER
MACK-1C-7A-B	443-21	P	ND		ND		MINERAL	100	WHITE PLASTER
MACK-1C-7B-B	443-22	P	ND		ND		MINERAL	100	GREY PLASTER

Lab Supervisor: Matt Smith Date: 8/12/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

PLM=17 NOB=5 TEM=3 TOTAL=22

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LBL JOB # 44304

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
MACK-1C-7A-C	443-23	P	ND		ND		MINERAL	100	WHITE PLASTER
MACK-1C-7B-C	443-24	P	ND		ND		MINERAL	100	GREY PLASTER
MACK-1C-8	443-25	G	ND		ND		MIN/BINDER	100	GREY GLAZING
MACK-RPW1-9	443-26	T	ND		ND		MIN/VINYL	100	GREY FLOOR TILE
MACK-RPW1-9A	443-27	T	ND		CELLULOSE	15	MASTIC	85	BLACK MASTIC
MACK-RPW1-10	443-28	N	CHRYSOTILE	20	ND		MIN/VINYL	80	BEIGE FLOOR TILE
MACK-RPW1-10A	443-29	G	ND		CELLULOSE	10	MASTIC	90	BROWN MASTIC
MACK-RPW1-11A	443-30	P	ND		ND		MINERAL	100	YELLOW CERAMIC TILE
MACK-RPW1-11B	443-31	P	ND		ND		MINERAL	100	GREY MORTAR
MACK-RPW1-11C	443-32	P	ND		ND		MINERAL	100	GREY SET BED
MACK-STAIR-12	443-33	T	ND		ND		MIN/VINYL	100	BEIGE FLOOR TILE
MACK-STAIR-12A	443-34	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	BROWN MASTIC
MACK-STAIR-13	443-35	T	ND		ND		MIN/BINDER	100	WHITE GLAZING
MACK-STAIR-14A	443-36	P	ND		ND		MINERAL	100	WHITE PLASTER
MACK-STAIR-14B	443-37	P	ND		ND		MINERAL	100	GREY PLASTER
MACK-STAIR-15	443-38	T	ND		ND		MIN/BINDER	100	WHITE CAULK
MACK-STAIR-16	443-39	T	ND		ND		MIN/VINYL	100	BLACK TILE
MACK-EXT-17	443-40	T	ND		ND		MIN/BINDER	100	BLACK GLAZING
MACK-EXT-18	443-41	N	CHRYSOTILE	10	ND		MIN/BINDER	90	WHITE GLAZING
MACK-EXT-19	443-42	N	CHRYSOTILE	15	ND		MIN/BINDER	85	GREY CAULK
MACK-EXT-20	443-43	T	ND		ND		MIN/BINDER	100	YELLOW CAULK
MACK-EXT-21	443-44	N	CHRYSOTILE	11	ND		MIN/BINDER	89	TAN CAULK
MACK-EXT-22	443-45	T	ND		ND		MIN/BINDER	100	WHITE CAULK
MACK-EXT-23	443-46	T	CHRYSOTILE	6.2	CELLULOSE	0.8	MIN/BINDER	93	GREY CAULK
MACK-EXT-24	443-47	T	CHRYSOTILE	11.6	CELLULOSE	0.4	MIN/BINDER	88	WHITE CAULK
MACK-EXT-25	443-48	N	CHRYSOTILE	20	ND		MIN/BINDER	80	GREY CAULK
MACK-EXT-26	443-49	T	CHRYSOTILE	5.9	CELLULOSE	0.1	MIN/BINDER	94	WHITE GLAZING
MACK-EXT-27	443-50	N	CHRYSOTILE	12	ND		MIN/BINDER	88	GREY CAULK

Lab Supervisor: Matt Smith Date: 8/12/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

***Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered and treated as non-asbestos containing."

PLM=7 NOB=21 TEM=13
TOTAL=28

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 51904

ELAP # 11184
TEM ELAP # 10920

CLIENT PROJECT # 35301

CLIENT: Joseph C. Lu, Engin. & Land Surv. P.C.
ADDRESS: 2230 Penfield Road
Penfield, New York 14526
Attn: Christine Davey

SAMPLE TYPE: Bulk

SAMPLE DATE: 09/17/2004

PROJECT LOCATION: SUNY at Oswego - Mackin Complex (PO# 393594)

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	G'THER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
MAC-100-36	51904-1	P	ND		CELL/GLASS	100	ND		WHITE CEILING TILE
MAC-100-37	51904-2	P	ND		ND		MINERAL	100	WHITE JOINT COMPOUND
MAC-100-38	51904-3	P	ND		CELLULOSE	5	MINERAL	95	GREY DRYWALL
MAC-101-39	51904-4	P	ND		CELLULOSE	65	MINERAL	35	WHITE TECTUM
MAC-102-40	51904-5	T	ND		ND		MIN/BINDER	100	TAN GLUE
MAC-103-41	51904-6	P	ND		CELLULOSE	100	ND		WHITE ACT
MAC-103-42	51904-7	T	ND		FIBERGLASS	1	MIN/BINDER	99	BROWN GLUE PUCK
MAC-G1-43	51904-8	P	ND		FIBERGLASS	80	MINERAL	20	WHITE SAT
MAC-B1-44	51904-9	P	ND		CELLULOSE	100	ND		BROWN FIBERBOARD
MAC-EXT-45	51904-10	G	ND		ND		MIN/BINDER	100	GREY CAULK
MAC-EXT-46	51904-11	P	ND		ND		MINERAL	100	GREY MORTAR
²⁰⁰ MAC-EXT-47	51904-12	P	ND		CELLULOSE	80	MINERAL	20	WHITE ACT
²⁰⁰ MAC-EXT-48	51904-13	T	ND		ND		MIN/BINDER	100	BROWN GLUE PUCK
MAC-EXT-49	51904-14	T	ND		ND		MIN/BINDER	100	GREY CAULK
MAC-EXT-50	51904-15	T	ND		ND		MIN/BINDER	100	OFF-WHITE CAULK
LON1-51	51904-16	P	ND		ND		MINERAL	100	WHITE PLASTER
LON2-52A	51904-17	P	ND		ND		MINERAL	100	WHITE PLASTER
LON2-52B	51904-18	P	ND		ND		MINERAL	100	GREY PLASTER
LON3-53	51904-19	P	ND		ND		MINERAL	100	YELLOW/WHITE PLASTER
MOR1-51	51904-20	P	ND		ND		MINERAL	100	WHITE PLASTER
MOR2-52A	51904-21	P	ND		ND		MINERAL	100	WHITE PLASTER
MOR2-52B	51904-22	P	ND		ND		MINERAL	100	GREY PLASTER

Lab Supervisor: Matt Smith Date: 9/20/04

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result
G-Gravimetric Matrix Reduction. Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing.

PLM = 16 NOB = 6 TEM = 5 TOTAL = 22 Page 1



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Penfield, NY 14526-1922

Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 8/20/04
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ASBESTOS BULK SAMPLE LOG

ONEIDA

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
ONE-EXT-1	Exterior	Door frame caulk - black			N
ONE-EXT-2	"	Window frame caulk - white / rubbery			N
ONE-EXT-3	"	Window frame caulk - grey			N
ONE-EXT-4	"	Window frame panel caulk - Black			N
ONE-EXT-5	"	Window frame caulk - tan			N
ONE-EXT-6	"	Window frame caulk - peach			N
ONE-EXT-7	"	Window frame caulk - brownish grey			N
ONE-EI-8	Elevator #1	Elevator paneling - grey			N
ONE-EI-9	"	Elevator mat backing - tar paper			N
ONE-B3-10	BASEMENT - Storage room	1x1 ACT - white z-spline			P



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ASBESTOS BULK SAMPLE LOG

QUEIDA

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
ONE- 01E ⁸³ -1A	Basement - Storage Room	Plaster wall - white top coat			P
ONE-83-1B	"	Plaster wall - grey rough coat			P
ONE-83-12	"	Fiberglass pipe wrap - off white cloth cover			P
ONE-83-13	"	Mudded fitting - black - grey			P
ONE-100-14	First Floor - Elevator Area	wallpaper - thick shiny			P
ONE-100-15	First Floor - Hallway Elevator Area	2x2 SAT - white w/ stucco texture			P
ONE-A-16	Second Floor - Elevator Area	Spray on Acoustical Ceiling / white			P
ONE-C-17	Second Floor - Lounge Hallway	2x2 SAT - Textured			P
ONE-E-18	Third Floor - Janitors closet	12x12 FT - Off white w/ grey streaks			N
ONE-E-18A	"	Black Mastie			N

MACH ARCHITECTURE + ENGINEERING, P.C.

A MEMBER OF THE BERNIER CARR GROUP
5500 MAIN STREET, SUITE 347
WILLIAMSVILLE, NEW YORK 14221

TEL: (716) 565-1349 FAX: (716) 565-1389

LETTER OF TRANSMITTAL

DATE: April 25, 2012	JOB NO. 11.011
ATTENTION: Thomas LeMere	
RE: SUNY Oswego	
Residence Hall Study	

TO: SUNY Oswego
165 Wilber Hall
Oswego, New York 13126

WE ARE SENDING YOU:

Quantity	No.	Description
1		Asbestos Technical Memorandum Resident Hall Feasibility Study / Woolley Morris Architects
1		Residence Hall Building Shell Improvements / Woolley Morris Architects

THESE ARE TRANSMITTED as checked below:

- For approval
- Approved as Submitted
- Revise and Resubmit
- Deposit Check
- Forwarded at the Request of Douglas D. Schaefer

REMARKS



If enclosures are not as noted, kindly notify us at once.

SIGNED:


Deborah L. Loffredo

C: File



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Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 8/20/04
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ASBESTOS BULK SAMPLE LOG

CAYUGA

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
CAY-EXT-1	Exterior	Door frame caulk - black			N
CAY-EXT-2	"	Window frame caulk - grey			N
CAY-EXT-3	"	Window frame caulk - tan			N
CAY-EXT-4	"	Panel caulk - black			N
CAY-EXT-5	"	Window glazing - brown			N
CAY-B1-6	Basement - Elevator Area	9x9 FT - Off white w/ Beige specks			N
CAY-B1-6A	"	Black Mastic			N
CAY-B1-7	"	2x2 SAT-Tectum			P
CAY-B2-8	Basement - Elevator Service	Fiberglass pipewrap - white cloth cover			P
CAY-B2-9	"	Mudded fitting - grey			P



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ASBESTOS BULK SAMPLE LOG

CAYUGA

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
CAY-EI-10	Basement - Elevator 1	Elevator Paneling grey			P
CAY-EI-11	"	12x12 ft - floor w/ white specks			N
CAY-EI-11A	"	Black Mastic			N
CAY-100-12	First Floor - Elevator Area	Wall paper - thick & shiny			P
CAY-100-13A	"	Drywall Joint Compound - grey			P
CAY-100-BB	"	Drywall wall - grey			P
CAY-01-14	First Floor - Hallway	2x2 SAT - Stucco / white			P
CAY-02-15	First Floor - Janitors Closet	Spray on Acoustical Ceiling			P
PBY-EI-10	Elevator 1 -	Grey Fibrous insulation inside door			P
CAY-A-17	Third Floor - Hallway	1x1 ACT - white/painted			P



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ASBESTOS BULK SAMPLE LOG

NON DATA

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
OND-EXT-1	Exterior	Door frame caulk - black			N
OND-EXT-2	"	JOINT caulk - peach			N
OND-EXT-3	"	window frame caulk - gray			N
OND-EXT-4	"	WINDOW PANEL caulk - brown			N
OND-EXT-5	"	Black Tar paper			N
OND-EXT-6	"	Window glazing - brown			N
OND- EXT -7	Basement - Elevator Area	9x9 FT - off white w/ Beige specks			N
OND- EXT -7A	"	Black Mastic			N
OND-B2-8	"	2x2 SAT - white textured			P
OND-B1-9	"	SAT - Tectum			P



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ASBESTOS BULK SAMPLE LOG

ONDONAGA

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
OND-B1-10A	Basement - Elevator Area	Drywall wall green			P
OND-B1-10B	"	Drywall joint compound-white			P
OND-B2-11	Basement - Hallway	Wall paper			P
OND-B3-12	Basement - Trash/Recycle Area	white cloth cover			P
OND-B3-13	"	Mudded fitting - brown			P
OND-E2-14	E2-14 Elevator #2	12x12 FT-green w/ white specks			N
OND-E2-14A	"	Brown glue			N
OND-E2-15	"	Brown paneling			P
OND-E4-16	Elevator #4	12x12 FT-Grey			N
E4 OND- E4 -16A	"	Brown Mastic			N



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ASBESTOS BULK SAMPLE LOG

SENECA

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
SEN-B1-1	Basement - Elevator Area	9x9 FT-OFF white w/ Beige streaks			N
SEN-B1-1A	"	Black Moisture			N
SEN-B1-2A	"	Drywall wall JOINT compound - white			P
SEN-B1-2B	"	Drywall wall - Grey			P
SEN-B1-3	"	2x2' SAT - white textured			P
SEN-B1-4	"	1x1 - AcT - white z-spline			P
SEN-E2-5	"	Dark grey paneling over wood			P
SEN-B3-6	Basement - Storage Area	Black paper pipewrap cable			P
SEN-B3-7	"	Brown mudded fitting			P
SEN-B4-8	Basement - Storage Area	2x2 - SAT - Textum			P



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ASBESTOS BULK SAMPLE LOG

SEN100A

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
SEN-B1-9	Basement Basement- Elevator Area	Brown paper backing under foil over yellow fiberglass duct insulation			P
SEN-101-10	First Floor - Hallway	Thick, shiny wall paper			on 2A, 2B P
SEN-102-11	First Floor - Hallway	2x2 SAT- white w/ stucco texture			P "new"
SEN- B ^A -12	Second Floor - Elevator Area	1x1 AOT- white w/ small holes & small craters			P
SEN-A-12A	"	Dark brown glue pucks			N
SEN-F-13	Second Floor - Form Room	Sprayed on ceiling - H. grey			P
SEN-R1-14	ROOF	Door frame caulk - grey			N
SEN-EXT-15	External	Panel caulk- grey			N
SEN-EXT-16	"	Window frame caulk - grey			N
SEN-EXT-17	"	Joint caulk - pebble			N



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ASBESTOS BULK SAMPLE LOG

Funelle

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
FUN-EI-1	Elevator EI	9x9 FT - Black w/wh. speck			
FUN-EI-1A	"	lt. Brown Mastic			
FUN-BI-2	Basement - Elevator Lobby	9x9 FT - Beige w/wh. Br. streaks			
FUN-BI-2A	"	Black Mastic			
FUN-BI-3	"	Black cave molding			
FUN-BI-3A	"	Tan cave molding mastic			
FUN-BI-4A	"	plaster wall - white top coat			
FUN-BI-4B	"	plaster wall - firey mesh coat			
FUN-BI-5	"	2'x2' white CT w/ Tiny holes			Transite (YGS)
FUN-BI-6	"	2'x2' Brown fiberboard			



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ASBESTOS BULK SAMPLE LOG

Funnelle

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
FUN-B1-7	Basement - Elevator Lobby	Black wood Glue			
FUN-B2-8	Basement - In front of Incinerator Room	1x1 Act-white			
FUN-B4-9	Basement - Mechanical Room/Storage	Grey cloth cover			
FUN-B5-10	Basement - Stairwell entrance	grey door system glazing			
FUN-100-11	1 ST Floor - Elevator Lobby	1'x2' white Act/w/ cracks - 2 spline			
FUN-10-12-A	"	white plaster ceiling			
FUN-200-13	2 ND Floor - Elevator Lobby	Te 9x9 FT - Speckled Tan			
FUN-200-BA	"	Black Mastic			
FUN-200-4	"	cloth wall paper			
FUN-200-4A+B	"	white plaster wall top			



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ASBESTOS BULK SAMPLE LOG

Funnelite

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
FUN-200-4/B-B	2nd Floor - Elevator Lobby	Plaster wall - Grey Rough Coat			
FUN-201-15	2nd Floor - Sitting Lounge	Grey window frame caulk			
FUN-201-16	2nd " "	Black window sill top			
FUN-301-17	3rd Floor - Lounge	Grey window glazing			
FUN-EXT-18	" " (Exterior)	White/Stubby Exterior window frame caulk			
FUN-301-8A	3 rd Floor - Lounge	Brown Glue Pucks			
FUN-910-12-B	9th Floor - Elevator Lobby	White plaster ceiling - Top Coat			
FUN-910-12A-B	" "	Plaster ceiling - Grey rough coat			
FUN-RDF-19	Rdf-	Lt. Grey door frame caulk			
FUN-RDF-20	Rdf	Brown door caulk - WHITE			



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Date: 8/16/04
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

Funnelte

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
FUN-ROF-21 FUN-21	R OF	Building joint caulk - Grey			
FUN-EXT-22	Exterior	Mortar building between Marble			
FUN-EXT-23	"	Grey sidewalk joint caulk			
FUN-EXT-24	"	Brown caulk between Marble & building			
FUN-EXT-25	"	white window glazing			
FUN-EXT-26	Exterior	Frame door Frame caulk			



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 Date: 9/16/09
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ASBESTOS BULK SAMPLE LOG

Funnelle

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
1 FUN-A-27	1st floor - TYPICAL DORM	Fire door - white			
2 FUN-A-28	8th floor - Dorm Room (YP)	white plaster on soffit			
3 FUN-601-17-B	6th floor - Lounge Area	Grey window Frame caulk			
4 FUN-601-29	"	Cream window frame caulk - interior			
5 FUN-601-8A-B	"	Brown fibre puck			
6 FUN-601-30	ROOF	lt. grey coping stone caulk			



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Job Name: Feasibility Study, 8 Buildings
Date: 8/6/04
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ASBESTOS BULK SAMPLE LOG

Scutes

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
SCA-EXT-1	Scates Residence Hall - Exterior	off-white window glazing			
SCA-EXT-2	"	Beige door ^{frame} caulk - soft/pliable			
SCA-EXT-3	"	Grey door frame caulk - hard brittle			
SCA-EXT-4	"	Grey joint caulk			
JA-EXT-5	"	Grey window ^{frame} caulk (old)			not on brick, not on new recessed windows
SCA-EXT-6	"	Off-white window frame caulk			on new windows
SCA-EXT-7	"	Grey joint caulk - soft			
SCA-EXT-8	"	Door frame caulk - Lt. grey			
SEA-EXT-9	"	window glazing - grey			
SCA-EXT-10	"	Door frame caulk - Beige			



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 Date: 9/15/04
 Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG
 SCALE 3

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
1 SA-100-11	100 - Lobby	1X1 ACT - white			
2 SA-100-12	0 11	9X9 FT - Seaboard green			
3 SA-100-12A	"	Black Mastic			
4 SA-101-13A	101 - Post Office	Plaster wall - white top coat			
5 SA-101-13B	"	Plaster wall - Brown rough coat			
6 SA-103-14	103 - Lounge	Drywall - white			
7 SA-103-15	"	wainscoting glue - Brown			
8 SA-A-BA-B	2nd Floor Typ. Dorm Room	Plaster wall white top coat			
9 SA-A-13B-B	"	Plaster wall 5/8" Brown rough coat			
10 SA-A-10-A	"	white plaster filling			



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ASBESTOS BULK SAMPLE LOG

SCALES

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
11 SA-104-17	Stairwell - 1 ST Floor	grout - wh. w/ bl. streaks			
12 SA-104-17A	"	black mastic			
13 SA-105-18	HALLWAY - 1 ST FLOOR	TCUM SAT			
14 SA-105-19	"	Thick shiny wallpaper			
15 SA-106-20	Lounge - 1 ST Floor	Dark Brown glue plucks			
16 SA-106-21	"	6x1 ACT - white w/ large craters			
17 SA-107-22	Transition Area - 1 ST Floor	Soft white wall plaster			
18 SA-107-23	"	Black waterproofing			
19 SA-108-24	1 ST Floor Boys Bathroom	lt. blue ceramic tile			
20 SA-108-25	"	white grout			



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ASBESTOS BULK SAMPLE LOG

Scales

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
21 SCA-108-26	First Floor Boys Bathroom	White Repair tile - tan			
22 SCA-108-27	"	Setbed Brown tile			
23 SCA-108-28	"	White SAT-2 x2			
24 SCA-110-29	First Floor Girls Bathroom	Pink ceramic tile			
25 SCA-110-30	"	white floor			
26 SCA-110-31	"	Grey setbed			
27 SCA-B9-32	Basement - Laundry Room	Cloth over-aircell - cream			
28 SCA-B9-33	"	Aircell - grey			
29 SCA-B9-34	"	Mudded flooring - lt. grey			
30 SCA-B2-35	Basement - Mechanical Room	Fiberglass ceiling - yellow			



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Penfield, NY 14526-1922

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Date: 9/21/04
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ASBESTOS BULK SAMPLE LOG

~~Waterbury~~ Miscellaneous Exterior

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
1 SCA-EXT-26	Scale Roof Coping stone	Coping stone caulk lt. grey/sticky			(counter-flashing caulk is same)
4 WAT-EXT-31	Waterbury Roof	"			
5 WAT-EXT-32	"	Brick on counter flashing			sporadic
4 SCA-EXT-29	Scale Roof	==	==	==	==
6 WAT-EXT-33	Waterbury - exterior facade	Mortar - grey			Mortar for coping stones is the same.
7 WAT-EXT-34	"	Brick - orange			
2 SCA-EXT-27	Scale - exterior facade	Mortar - grey			Mortar for coping stone is the same.
3 SCA-EXT-28	"	Brick - orange			



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Civil and Environmental
2230 Penfield Road
Penfield, NY 14526-1922

Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: _____
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

Waterbury

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
WAT-EXT-1	WATERBUCKY Exterior	Window Caulk-White			
WAT-EXT-2	"	Door System frame Caulk- Grey			
WAT-EXT-3	"	Old Window frame Caulk- Grey			On brick, not on new recessed windows.
WAT-EXT-4	"	Window frame Caulk - off white / sticky			on new recessed windows.
WAT-EXT-5	"	Door system frame Caulk - Lt. Grey			
WAT-EXT-6	"	Grey door system window glazing - hard / brittle			
WAT-EXT-7	"	Door system frame Caulk- Grey / Brittle			



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Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 9/16/04
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

Waterbury

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
1 WAT-100-8	1st Floor Lobby	1x1 ACT - white w/ large cracks			
2 WAT-100-9	"	9x9 FT - Lt. grey			
3 WAT-100-9A	"	Black Grout Mastic			
4 WAT-101-10	1ST FLOOR STAIR AREA	Black tar			
5 WAT-101-11	"	Soft plaster on wall - white			
6 WAT-A-12A-A	3rd Floor TYPICAL EXCM	Plaster ceiling - white topcoat			
7 WAT-A-12B-A	"	Plaster ceiling - grey roughcoat			
8 WAT-A-13A-A	"	Plaster wall - yellow topcoat			
9 WAT-A-13B-A	"	Plaster wall - grey roughcoat			
-10 WAT-102-14	1ST FLOOR - Post Office	1x1 ACT - white			



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Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 9/16/07
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

WATERBURY

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
11 WAT-102-15	1st Floor - Post Office	Thick wall paper			
12 WAT-103-16	1st Floor - Lounge	wallboard			
13 WAT-102-17	1st Floor - Corridor	acoustic ceiling			
14 WAT-102-18	"	9x9 FT - Grey w/ wh & bl. streaks			
15 WAT-102-18A	"	Black mastic			
16 WAT-104-AA-A	1st Floor - Janitor's Closet	plaster wall -white top coat			
17 WAT-104-AB-A	"	Plaster wall -grey rough coat			
18 WAT-104-20	"	Cloth over arcell -cream			
19 WAT-104-21	"	Arcell pipewrap			
20 WAT-104-22	"	Mudded ceiling -grey			



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Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 9/16/09
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

WATERBURY

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
21 WAT-107-23	First Floor Bus Bathroom	Yellow Ceramic wall tile			
22 WAT-107-24	"	White grout			
23 WAT-107-25	"	Grey Mudset			
24 WAT-82-26	Basement - Corridor	Thick shiny wallpaper			
25 WAT-89-27	Basement - Bus Bathroom	Plaster Ceiling - white			
26 WAT-813-28	Basement - Mechanical Room	Fiberglass ceiling glue - brown			
27 WAT-86-29	Basement - East Stairwell	Dark brown glue pucks			
28 WAT-116-30	"	1x1 ACT - white w/ craters			



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Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 8/3/2004
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

MACKIN

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
✓ MACK-IC-1	1 ST FLOOR Lounge	Linoleum			
✓ MACK-IC-2	"	9" x 9" FT. Black w/ Beige Stripes			
✓ MACK-IC-2A	"	Black NASTIC			under Item # 2
✓ MACK-IC-3	"	Black Cove Molding			
✓ MACK-IC-3A	"	Brown Cove Molding NASTIC			under Item # 3
✓ MACK-IC-4A	"	Brown tar paper (felt-like)			under Item # 1
✓ MACK-IC-4A-A	"	Arch Plaster-Ceiling Top Coat			
✓ MACK-IC-4B-A	"	Brown Plaster-Ceiling Rough Coat			under Item # 4
✓ MACK-IC-5	"	White ('x1') ACT			
✓ MACK-IC-6	"	Silver radiator coating			



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2230 Penfield Road
Penfield, NY 14526-1922

Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 8/3/2005
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

MACKIN

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
✓ MACK-1C-7A-A	1 ST FL Lounge (1C)	Plaster on Columns - white top coat			
✓ MACK-1C-7B-A	"	Plaster on Columns - Brown rough coat			
✓ MACK-1C-7A-B	"	Plaster on Columns - top coat			
✓ MACK-1C-7B-B	"	Plaster on Columns - Rough coat			
✓ MACK-1C-7A-C	"	Plaster on Columns - top coat			
✓ MACK-1C-7B-C	"	Plaster on Columns - Rough coat			
✓ MACK-1C-4A-B	"	Plaster Ceiling - Peach top coat			
✓ MACK-1C-4B-B	"	Plaster Ceiling - Brown Rough coat			
✓ MACK-1C-4A-C	"	Plaster Wall - Peach top coat			Plaster wall appears to be the same as that of the ceiling.
✓ MACK-1C-4B-C	"	Plaster Wall - Brown rough coat			

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2230 Penfield Road
Penfield, NY 14526-1922

Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 8/3/2009
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

MACKIN

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
✓ MACK-1C-4A-D	Lounge 1C 1st Floor	Plaster wall - Peach topcoat			
✓ MACK-1C-4B-D	"	Plaster wall - Brown Roughcoat			
✓ MACK-1C-4A-E	"	Plaster wall - Peach topcoat			
✓ MACK-1C-4B-E	"	Plaster wall - Brown roughcoat			
✓ MACK-1C-8	"	Grey window glazing			
✓ MACK-RPW-9	1st FL - Womens Bathroom RPW-1	12" x 12" FT on counter top			
✓ MACK-RPW-9A	"	Black Mastic			
✓ MACK-RPW-10	"	9" x 9" FT - Beige w/ Blue streaks			
✓ MACK-RPW-10A	"	Brown Mastic			
✓ MACK-RPW-11A	"	Ceramic tile Black wall - Yellow			

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Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 8/3/2004
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

MACKIN

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
✓ MACK-RPW-11B	1 ST Floor - Women's Bathroom RPW-1	Grey Mortar			under Item # 11A
✓ MACK-RPW-11C	"	Grey Set Bed			under Item # 11B
✓ MACK-STAIR-12	1 ST Floor - Stairwell	12" x 12" FT on window ledge & Grey			
✓ MACK-STAIR-12A	"	Brown Mastic			
✓ MACK-STAIR-13	"	White Window glazing			
✓ MACK-STAIR-14A	"	Plaster wall - White top coat			
✓ MACK-STAIR-14B	"	Plaster wall - Brown rough coat			
✓ MACK-STAIR-15	2 nd Floor - Stairwell	White window caulk			
✓ MACK-STAIR-16	"	Black tile			
✓ MACK-ENT-17	1 ST Floor Entranceway	Black exterior door glazing			

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Job Name: Feasibility Study, 8 Buildings
Date: 8/3/2004
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

MACKIN

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
MACK-EXT-18	white exterior door white interior door				
✓ MACK-EXT-18	1st floor - white door pane Exterior door entrance	white door pane glazing			
✓ MACK-EXT-19	"	grey frame caulk			
✓ MACK-EXT-20	1st FL - Exterior (West Side)	yellow exterior window caulk			
✓ MACK-EXT-21	"	Tan exterior window caulk			
✓ MACK-EXT-22	"	white exterior window caulk			
✓ MACK-EXT-23	"	grey exterior window caulk - brittle			
✓ MACK-EXT-24	"	white exterior window caulk			
✓ MACK-EXT-25	"	grey exterior window frame caulk			Moreland Wing
✓ MACK-EXT-26	"	white exterior window glazing			Moreland Wing



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Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

MACKIN

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
MACK-EXT-27	1ST FL or exterior	Gray frame caulk			Moreland Wing
MACK-EXT-28	"	white window glazing			Moreland Wing
MACK-EXT-29	"	Brick			"
MACK-EXT-30	"	gray mortar			"
MACK-EXT-31	"	white window frame caulk			"
MACK-EXT-32	"	Brown door frame caulk			"
MACK-EXT-33	"	white mortar			MACKIN
MACK-EXT-34	"	gray door frame caulk			"
MACK-EXT-35	"	white window glazing			"

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Civil and Environmental
2230 Penfield Road
Penfield, NY 14526-1922

PO# 393544

Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 9/17/04
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

Mackin

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
1 MAC-10-36	First Floor - Lobby	2x4 SPT - white			
2 MAC-10-37	"	30m+ Cement - white			
3 MAC-10-38	"	Drywall - grey			
4 MAC-101-39	First Floor - Telephone Room	TRACUM			
5 MAC-102-40	First Floor - Plans Room	Tan glue on styrofoam			
6 MAC-103-41	First Floor - Post Office	1x1 ACT - white w/ holes			
7 MAC-103-42	"	Blue Puck - Dr. Brown			
8 MAC-41-43	Ground Floor - Kitchen Office	2x2 SPT - white textured			
9 MAC-51-44	Basement - Corridor	Fiberboard - brown			
10 MAC-5RT-45	Roof	Coping stone caulk - 1/2 grey sticky			top layer



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Penfield, NY 14526-1922

Job #: 35301-114
Job Name: Feasibility Study, 8 Buildings
Date: 9/17/04
Name: Roy Green & Sara Wright

ASBESTOS BULK SAMPLE LOG

~~MAKING~~ LONDS - MORELAND

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL TYPE	AMOUNT	CONDITION	NOTES
16 LON1-51	LONDS-First Floor Lounge/Kitchen	Plaster ceiling - White/Textured			
17 LON2-52A	LONDS-First Floor Janitor's Breakroom	Plaster wall - White top coat			
18 LON2-52B	"	Plaster wall - Brown base coat			
19 LON3-53	LONDS - First Floor - Kitchenette	Plaster ceiling - Yellow top coat			
20 MOR1-51	MORELAND-First Floor - Laundry Room	Plaster ceiling - White			
21 MOR2-52A	MORELAND - Second Floor - Corridor	Plaster wall - White top coat			
22 MOR2-52B	"	Plaster wall - Brown base coat			

LaBella Associates, P.C.
Analytical Laboratory
300 State Street
Rochester, NY 14614
585.454.6110 Fax 585.454.3066

LBL Job # 52104

Client: LV Engineers Project # 35301-114

Site Address: SUNY OSWEGO

Pre-Abatement:

OSWEGO NY

Work in Progress:

Site Description: Feasibility Study - Residence Halls

Finals:

Sample Technician: Roy Green

PCM TEM

Observations/Comments ONONDAGA, CAYUGA, and SENECA Halls

Field Data Sheet Supplied With Samples: Yes / No Date Sampled: 9/20/04

Requested Analysis: Air-Fibers: _____ Bulk Asbestos: Other: _____

Lab ID #	Field ID #	Lab ID #	Field ID #	Lab ID #	Field ID #	Lab ID #	Field ID #
521-1	OND-B2-21A						
	2 OND-B2-21B						
	3 OND-B-18A-B						
	4 CAY-B5-18A						
	5 CAY-B5-18B						
	6 CAY-B6-19						
	7 CAY-B6-20						
	8 CAY-104-17A-B						
	9 SEN-B7-21						
	10 SEN-B8-22						
	11 SEN-B9-23						
	12 SEN-EXT-24						
	13 SEN-EXT-25						

Relinquished By [Signature]

Date: 9/20/04

Carrier: Hand Delivered

Number of Samples: 13

Received By: Matt Smith

Date: 9/21/04

Fax Results To: _____

Tech. Contact/Pager #: _____

CHAIN OF CUSTODY

LaBella Associates, P.C.
 Analytical Laboratory
 300 State Street
 Rochester, New York 14614
 (585) 454-6110 FAX 454-3066

PO# 393599

LBL Job # 44404

Client: LV ENGINEERS

Project # 35301

Site Address: SUNY OSWEGO
OSWEGO, NY

Site Description: Feasibility Study - 8 BLDGS
SUNY OSWEGO - CAMPUS

Sample Technician: Roy Green

Pre-Abatement

Work in Progress

Finals

PCM TEM

Observations/Comments

1/1.2c Positive STOP FOR ANALYSES

Field Data Sheet Supplied With Samples: Yes No

Date Sampled: 8/6/04

Requested Analysis: Air-Fibers Bulk Asbestos Other

Lab ID #	Field ID #
441-1	FUN-E1-1
2	FUN-E1-1A
3	FUN-B1-2
4	FUN-B1-2A
5	FUN-B1-3
6	FUN-B1-3A
7	FUN-B1-4A-A
8	FUN-B1-4-B-A
9	FUN-B1-5
10	FUN-B1-6
11	FUN-B1-7
12	FUN-B2-B
13	FUN-B4-9
14	FUN-B5-10
15	FUN-100-11
16	FUN-100-12-A

Lab ID #	Field ID #
441-17	FUN-200-13
18	FUN-200-13A
19	FUN-200-14
20	FUN-200-4A-B
21	FUN-200-4B-B
22	FUN-201-15
23	FUN-201-16
24	FUN-301-17
25	FUN-EXT-18
26	FUN-301-B-A
27	FUN-900-12-B
28	FUN-900-12A-B
29	FUN-ROOF-19
30	FUN-ROOF-20
31	FUN-ROOF-21
32	FUN-EXT-22

Lab ID #	Field ID #
441-33	FUN-EXT-23
34	FUN-EXT-24
35	FUN-EXT-25
37, 36	WAT-EXT-1
38, 37	WAT-EXT-2
39, 38	WAT-EXT-3
40, 39	WAT-EXT-4
41, 40	WAT-EXT-5
42, 41	WAT-EXT-6
43, 42	WAT-EXT-7
44, 43	SLA-EXT-1
45, 44	SLA-EXT-2
46, 45	SLA-EXT-3
47, 46	SLA-EXT-4
48, 47	SLA-EXT-5
49, 48	SLA-EXT-6

Lab ID #	Field ID #
441-50, 49	SLA-EXT-7
51, 50	SLA-EXT-8
52	SLA-EXT-9
53	SLA-EXT-10
36	FUN-EXT-26

Relinquished by: Roy Green

Date: 8/9/04

Carrier: Hand Delivered

Number of Samples: 53

Received By: Matt Smith

Date: 8/9/04

Fax Results To: 377-1266

Tech. Contact/Pager #: 303-2031

CHAIN OF CUSTODY

P.O. # 393599

LBL Job # 44304

LaBella Associates, P.C.
Analytical Laboratory
300 State Street
Rochester, New York 14614
(716) 454-6110 FAX 454-3066

Client: Lu Engineers

Project # 35301

Site Address: SUNY OSWEGO
OSWEGO, NY

Pre-Abatement

Work in Progress

Finals

PCM TEM

Site Description: University Feasibility Study - 8 BLDGS
SUNY OSWEGO CAMPU5

Sample Technician: Roy Green

Observations/Comments Please see attached Asbestos Bulk Sample Log for field ID.
Utilize positive stop for analysis.

Field Data Sheet Supplied With Samples: Yes / No

Date Sampled: 8/3/2004

Requested Analysis: Air-Fibers Bulk Asbestos Other

Lab ID #	Field ID #
443-1	MACK-1C-1
32	MACK-1C-2
43	MACK-1C-2A
5	MACK-1C-3
6	MACK-1C-3A
2	MACK-1C-1A
7	MACK-1C-4A-A
8	MACK-1C-4B-A
17	MACK-1C-5
18	MACK-1C-6
19	MACK-1C-7A-A
20	MACK-1C-7B-A
21	MACK-1C-7A-B
22	MACK-1C-7B-B
23	MACK-1C-7A-C
24	MACK-1C-7B-C

Lab ID #	Field ID #
443-9	MACK-1C-4A-B
10	MACK-1C-4B-B
11	MACK-1C-4A-C
12	MACK-1C-4B-C
13	MACK-1C-4A-D
14	MACK-1C-4B-D
15	MACK-1C-4A-E
16	MACK-1C-4B-E
25	MACK-1C-8
26	MACK-RPW1-9
27	MACK-RPW1-9A
28	MACK-RPW1-10
29	MACK-RPW1-10A
30	MACK-RPW1-11A
31	MACK-RPW1-11B
32	MACK-RPW1-11C

Lab ID #	Field ID #
443-33	MACK-STATE-12
34	MACK-STATE-12A
35	MACK-STATE-13
36	MACK-STATE-14A
37	MACK-STATE-14B
38	MACK-STATE-15
39	MACK-STATE-16
40	MACK-EXT-17
41	MACK-EXT-18
42	MACK-EXT-19
43	MACK-EXT-20
44	MACK-EXT-21
45	MACK-EXT-22
46	MACK-EXT-23
47	MACK-EXT-24
48	MACK-EXT-25

Lab ID #	Field ID #
443-49	MACK-EXT-26
50	MACK-EXT-27
51	MACK-EXT-28
52	MACK-EXT-29
53	MACK-EXT-30
54	MACK-EXT-31
55	MACK-EXT-32
56	MACK-EXT-33
57	MACK-EXT-34
58	MACK-EXT-35

Relinquished by: Roy Green

Date: 8/9/04

Carrier: HANO DELIVERED

Number of Samples: 58

Received By: Matt Smith

Date: 8/9/04

Fax Results To: 377-1266

Tech. Contact/Pager #: 303-2031

