



**U.S. Army Corps of Engineers
Philadelphia District**

***Volume II - Building Reports for a
Comprehensive Asbestos
Survey in Various Buildings at
Fort Monmouth, New Jersey***

Contract Number DACA61-89-D-0013

June 1991

Prepared for:

U.S. ARMY ENGINEER DISTRICT
U.S. Custom House
Philadelphia, Pennsylvania 19106

C55

Prepared by:



Roy F. Weston, Inc.
West Chester,
Pennsylvania 19380

**BUILDING REPORTS
FOR A COMPREHENSIVE ASBESTOS SURVEY
IN VARIOUS BUILDINGS AT
FORT MONMOUTH, NEW JERSEY**

PHASE I

VOLUME II

CONTRACT NO. DACA61-89-D-0013

Prepared For:

U.S. ARMY CORPS OF ENGINEERS

Philadelphia, Pennsylvania

June 1991

Prepared By:

**ROY F. WESTON, INC.
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West Chester, Pennsylvania 19380**

Weston Work Order No. 3886-41-02

BUILDING REPORTS

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430

SUPPLY SERVICE DIVISION

SUPPLY SERVICE DIVISION**430.1 GENERAL**

Building 430 was surveyed by WESTON technicians on 18 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze nine samples of suspect material collected from the building. Of these samples, five were found to be asbestos-containing materials (ACM). Table 430.1 lists the analytical results for the bulk samples.

430.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 430 are presented in Table 430.1. An area-by-area inventory of ACM is provided in Table 430.2 and 430.3 "Other Asbestos-Containing Materials," listed in Table 430.3, are materials which do not match the standard caption categories listed in Table 430.2. A prioritized listing of exposure assessments is presented in Table 430.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 430.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 430.2 and 430.5.

430.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing materials should be labeled under O&M Program.

TABLE 430.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 430, SUPPLY SERVICE DIV
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP837	COMPUTER RM, C	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, HORIZONTAL	-	-	-	NO
AP838	COMPUTER RM, C, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	3	-	-	YES
AP839	MENS RM, N, BELOW CEILING	FLOOR TILE	GRAY, OTH, FLOOR TILE, HORIZONTAL	5	-	-	NO
AP840	MENS RM, N, BELOW CEILING	DUPLICATE SAMPLE	GRAY, OTH, FLOOR TILE, HORIZONTAL	5	-	-	NO
AP841	VAULT, NE, BELOW CEILING	FLOOR TILE	GREEN, OTH, FLOOR TILE, HORIZONTAL	5	-	-	NO
AP842	VAULT, NE, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, VERTICAL	-	-	-	NO
AP843	BLDG EXTERIOR BASE, SE, BELOW CEILING	TRANSITE PANEL BOARD	GRAY, OTH, TRANSITE, VERTICAL	55	-	-	NO
AP844	RM 1 & RM 2, N	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AP845	RM 5, RM 6, RM 7, NE	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
N - North
E - East
S - South
W - West
NE - Northeast
NW - Northwest
SE - Southeast
SW - Southwest

System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DOM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 430.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 430, SUPPLY SERVICE DIV

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROVELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
1ST FLOOR AREA	-	-	-	-	-	-	-	-	-	7.00	-	-	-
BLDG EXTERIOR BASE	-	-	-	-	-	-	-	-	-	-	-	-	*
COMPUTER RM	-	-	-	-	-	-	-	-	-	0.24	-	-	-
MENS RM	-	-	-	-	-	-	-	-	-	0.09	-	-	-
RM 1 & RM 2	-	-	-	-	-	-	-	-	-	0.28	-	-	-
RM 3 & RM 4	-	-	-	-	-	-	-	-	-	0.51	-	-	-
RM 5, RM 6, RM 7	-	-	-	-	-	-	-	-	-	1.31	-	-	-
VAULT	-	-	-	-	-	-	-	-	-	0.03	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	9.47	-	-	*

* Other material present in various units of measure. See Table 430.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 430.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 430, SUPPLY SERVICE DIV

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
BLDG EXTERIOR BASE	TRANSITE PANEL BOARD	0.42 (MSF)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

TABLE 430.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 430, SUPPLY SERVICE DIV
 TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AP843	BLDG EXTERIOR BASE	TRANSITE PANEL BOARD	A	7.750E-5	1	1	1	1	1	1.00	55
AP837	COMPUTER RM	ACOUSTICAL WALL TILE	A	0	2	1	1	1	2	2.00	0
AP837	RM 1 & RM 2	ACOUSTICAL WALL TILE	A	0	2	1	1	1	2	2.00	0
AP837	RM 3 & RM 4	ACOUSTICAL WALL TILE	A	0	2	1	1	1	2	2.00	0
AP842	VAULT	ACOUSTICAL WALL TILE	A	0	2	1	1	1	2	2.00	0
AP844	RM 1 & RM 2	CEILING BOARD	A	0	2	2	1	1	10	40.00	0
AP845	RM 5, RM 6, RM 7	CEILING BOARD	A	0	2	2	1	1	10	40.00	0

Priority Index Codes

A [=] Long Term Corrective Measure

B [=] Review Management Special Considerations/Remarks

C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability

2 [=] Occupant Accessibility

3 [=] Material Condition

4 [=] Level Of Activity

5 [=] Number Of Assigned Occupants

TABLE 430.5

COST ESTIMATE* - BUILDING 430, SUPPLY SERVICE DIV
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	AREA 8	TOTAL
Pipe Fittings (EA)										
<4"	70.30	-	-	-	-	-	-	-	-	-
4-8"	85.80	-	-	-	-	-	-	-	-	-
9-14"	147.00	-	-	-	-	-	-	-	-	-
>14"	216.00	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)										
<4"	26.50	-	-	-	-	-	-	-	-	-
4-8"	30.50	-	-	-	-	-	-	-	-	-
9-14"	42.50	-	-	-	-	-	-	-	-	-
>14"	60.80	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.60	39.2	-	1.3	0.5	1.6	2.9	7.3	0.2	53.0
Boilers/Tanks (SF)	37.90	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-	-	-	-	-	-
Other		-	4.7	-	-	-	-	-	-	4.7
SUBTOTAL		39.2	4.7	1.3	0.5	1.6	2.9	7.3	0.2	57.7
Difficulty Allowance		19.6	-	-	-	0.8	1.4	3.7	-	25.5
SUBTOTAL		58.8	4.7	1.3	0.5	2.4	4.3	11.0	0.2	83.2
Decontamination Units		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	6.2
Mobilization		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.2
SUBTOTAL		60.1	6.0	2.6	1.8	3.7	5.6	12.3	1.5	93.6
Contingency @ 15.00%		9.0	0.9	0.4	0.3	0.5	0.8	1.8	0.2	14.0
SUBTOTAL		69.1	6.8	3.0	2.1	4.2	6.5	14.1	1.7	107.6
Design Fee @ 6.00%		4.1	0.4	0.2	0.1	0.3	0.4	0.8	0.1	6.5
SUBTOTAL		73.3	7.3	3.2	2.2	4.5	6.8	15.0	1.8	114.0
Air Monitoring		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	11.4
TOTAL		74.7	8.7	4.6	3.7	5.9	8.3	16.4	3.2	125.4

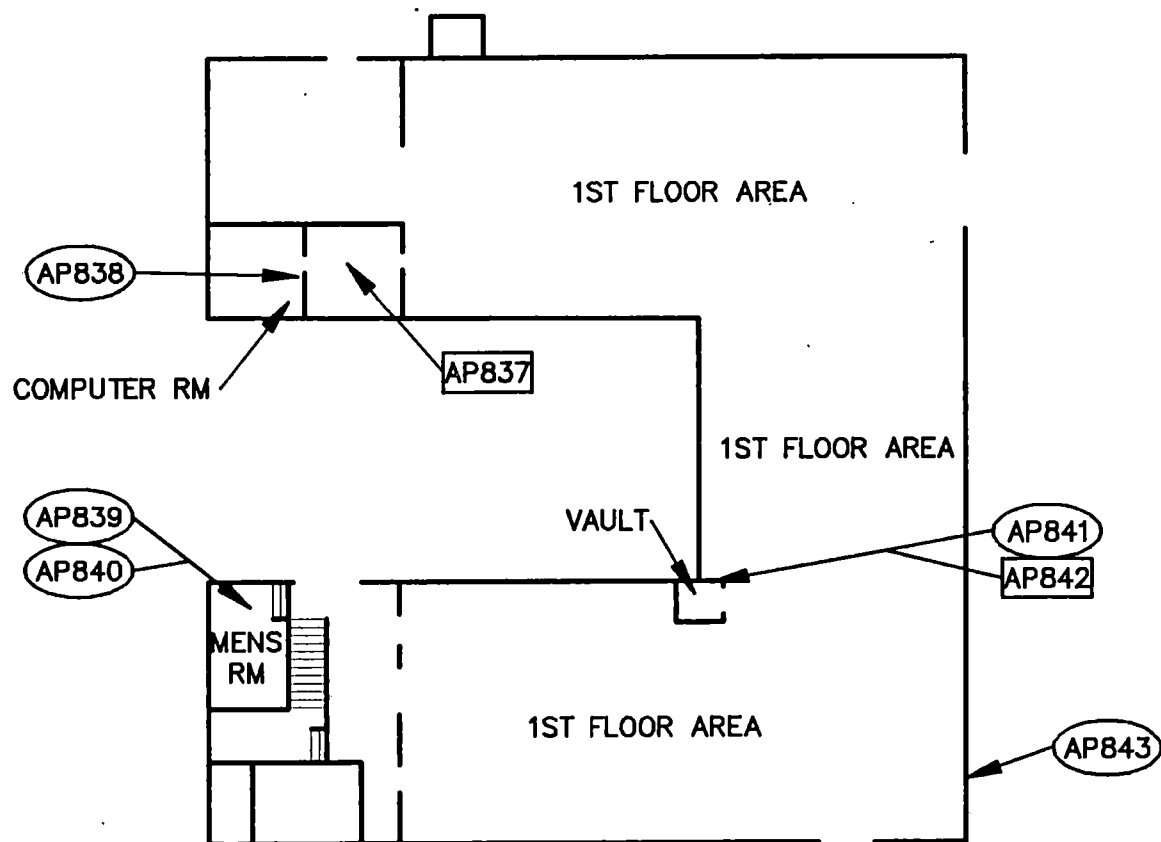
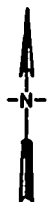
*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: 1ST FLOOR AREA
AREA 3: COMPUTER RM
AREA 5: RM 1 & RM 2
AREA 7: RM 5, RM 6, RM 7

AREA 2: BLDG EXTERIOR BASE
AREA 4: MENS RM
AREA 6: RM 3 & RM 4
AREA 8: VAULT

430-7



BUILDING 430, FIRST FLOOR

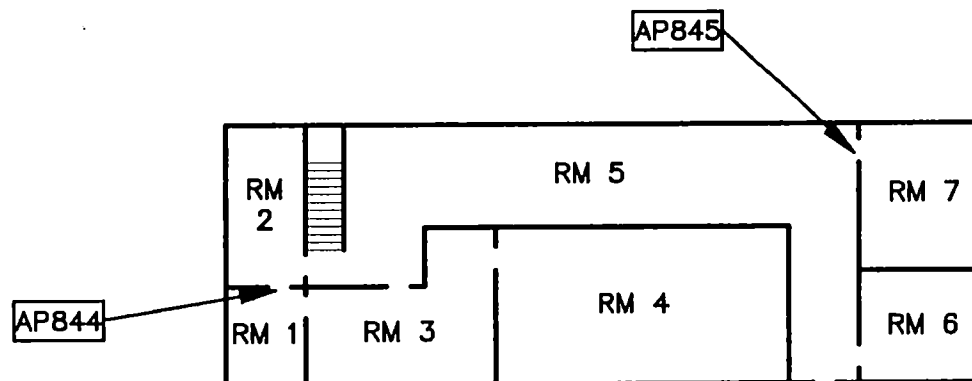
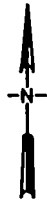
N.T.S.

LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS



BUILDING 430, SECOND FLOOR

N.T.S.

LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

502

LIBRARY

502

LIBRARY

502.1 GENERAL

Building 502 was surveyed by WESTON technicians on 12 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze four samples of suspect material collected from the building. Of these samples, one was found to be asbestos-containing materials (ACM). Table 502.1 lists the analytical results for the bulk samples.

502.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 502 are presented in Table 502.1. An area-by-area inventory of ACM is provided in Table 502.2 and 502.3 "Other Asbestos-Containing Materials," listed in Table 502.3, are materials which do not match the standard caption categories listed in Table 502.2. A prioritized listing of exposure assessments is presented in Table 502.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 502.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 502.2 and 502.5.

502.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing material should be labeled under O&M Program.

TABLE 502.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 502, LIBRARY

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC) CHILDREN (SCHOOL, INFANTS, TODDLERS)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP751	MECH RM, SW, BELOW CEILING	>14" PIPE FITTING	WHITE, OTH, FITTING, HORIZONTAL	-	-	-	NO
AP752	MECH RM, SW, BELOW CEILING	4-8" PIPE FITTING	WHITE, OTH, FITTING, VERTICAL	-	-	-	NO
AP753	MECH RM, SW, BELOW CEILING	OTHER MATERIAL	TAN, OTH, GASKET	40	-	-	NO
AP754	J. C., N	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.Quadrant Codes

C - Center
 N - North
 E - East
 S - South
 W - West
 NE - Northeast
 NW - Northwest
 SE - Southeast
 SW - Southwest

System Codes

STM - Steam
 CHW - Chilled Water
 HHW - Heating Hot Water
 DOM - Domestic Water
 OTH - Other
 UNK - Unknown

Asbestos Types

CH - Chrysotile
 AM - Amosite
 OT - Other

TABLE 502.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 502, LIBRARY

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC) CHILDREN (SCHOOL, INFANTS, TODDLERS)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED	FLOOR TILE	BOILERS/	AIR HANDLING	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"	CEILINGS (MSF)	(MSF)	TANKS (MSF)	EQUIPMENT (MSF)	
MECH RM	-	-	-	-	-	-	-	-	-	-	-	-	*
TOTALS	-	-	-	-	-	-	-	-	-	-	-	-	*

* Other material present in various units of measure. See Table 502.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 502.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 502, LIBRARY

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC) CHILDREN (SCHOOL, INFANTS, TODDLERS)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
MECH RM	GASKET	1 (EA)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

502-4

TABLE 502.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 502, LIBRARY
 TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC) CHILDREN (SCHOOL, INFANTS, TODDLERS)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AP753	MECH RM	GASKET	A	8.250E00	2	2	1	1	1	1.00	40
AP751	MECH RM	>14" PIPE FITTING	A	0	2	2	2	1	1	1.00	0
AP752	MECH RM	4-8" PIPE FITTING	A	0	2	2	2	1	1	1.00	0
AP754	J. C.	CEILING BOARD	A	0	2	2	1	1	1	1.00	0
AP754	WORK RM	CEILING BOARD	A	0	2	2	1	1	4	40.00	0

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 502.5

COST ESTIMATE* - BUILDING 502, LIBRARY

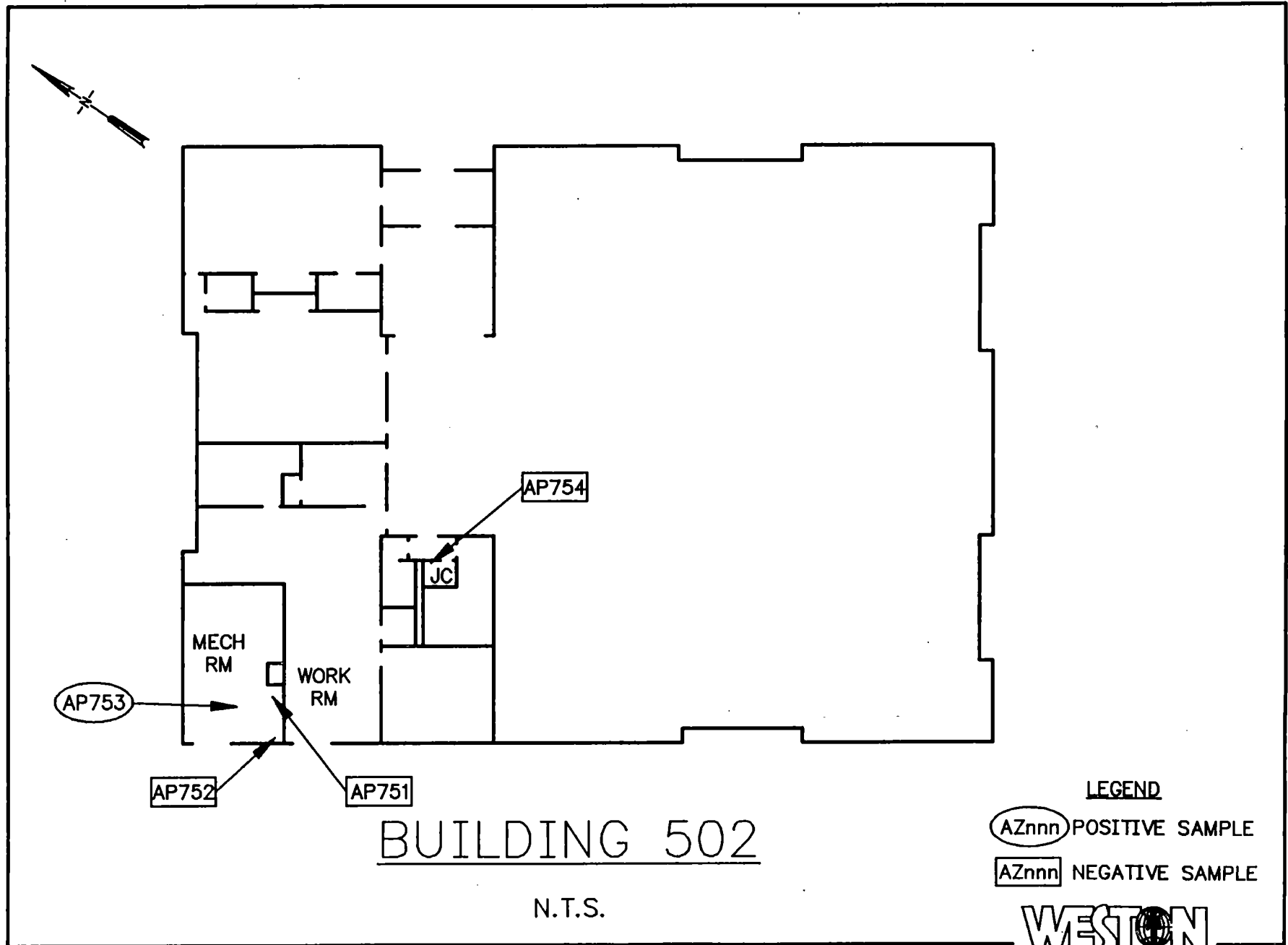
TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC) CHILDREN (SCHOOL, INFANTS, TODDLERS)

DESCRIPTION	UNIT COST (\$)	AREA 1	TOTAL
Pipe Fittings (EA)			
<4"	70.30	-	-
4-8"	85.80	-	-
9-14"	147.00	-	-
>14"	216.00	-	-
Pipe Runs (LF)			
<4"	26.50	-	-
4-8"	30.50	-	-
9-14"	42.50	-	-
>14"	60.80	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-
Floor Tile (SF)	5.60	-	-
Boilers/Tanks (SF)	37.90	-	-
Air Handling Equipment (SF)	20.00	-	-
Other		0.2	0.2
SUBTOTAL		0.2	0.2
Difficulty Allowance		-	-
SUBTOTAL		0.2	0.2
Decontamination Units		0.8	0.8
Mobilization		1.5	1.5
SUBTOTAL		2.5	2.5
Contingency @ 15.00%		0.4	0.4
SUBTOTAL		2.8	2.8
Design Fee @ 6.00%		0.2	0.2
SUBTOTAL		3.0	3.0
Air Monitoring		0.5	0.5
TOTAL		3.5	3.5

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: MECH RM



LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

BUILDING 555
THEATRE (OLD)

555 THEATER

555.1 GENERAL

Building 555 was surveyed by WESTON technicians on 13 November through 17 November 1989.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze 49 samples of suspect material collected from the building. Of these samples, 29 were found to be asbestos-containing materials (ACM). Table 555.1 lists the analytical results for the bulk samples.

555.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 555 are presented in Table 555.1. An area-by-area inventory of ACM is provided in Tables 555.2 and 555.3. A prioritized listing of exposure assessments is presented in Table 555.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 555.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 555.2 and 555.5.

555.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Restrict building access to only personnel wearing respirators and protective clothing suitable for working in asbestos contaminated areas.
- o Clean and remove all stored items from the building using personnel trained in the hazards of asbestos, in the proper use of personal protection against airborne asbestos, and in the work procedures to be used while working in an asbestos contaminated area.
- o Building 555 rated low in the Priority Index because the building is restricted to personnel who have the proper respiratory protection according to the asbestos warning signs in place. This is not the case if personnel are

entering the building who have not had proper training and who do not wear the proper protective clothing and respiratory protection.

555

PROFESSIONAL TESTING LABORATORIES OF NEW JERSEY

Holiday Building, 121 State Highway 36, West Long Branch, N.J. 07764
222-7441 Fax: (908) 222-0676

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH,
PROFICIENCY ANALYTICAL TESTING (PAT) LABORATORY ID #: 1354001
NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM ID#: 1929

R1-0145

CLIENT: E-SYSTEMS, INC.
SERV-AIR INC. BLDG #480
P.O. BOX 360
FT. MONMOUTH, NJ. 07703
PHONE #: 542-7003 FAX #:

CLIENT #: 21248

PROJECT: FT. MONMOUTH
EATONTOWN, NJ.

PROJECT #: 4911010

AIR SAMPLE TEST RESULTS

DATE SAMPLED: 7-3-91
DATE RECEIVED: 7-8-91
TESTED: 7-8-91
REPORT DATE: 7-8-91

REPORT #: A1890 TO A1890

PTL ID #	CLIENT ID #	SAMPLE LOCATION	FLOW	TIME (MIN.)	VOLUME	FIBERS/ CC
A1890	C91-525	BLDG. 555	10.2	143	1460	0.000

7/17/91
Lab Director

NOTES:

- A. SAMPLE RESULT(S) MEET U.S.E.P.A. POST-ABATEMENT CLEAN AIR CRITERIA.
- B. SAMPLE RESULT(S) EXCEED U.S.E.P.A. POST-ABATEMENT CLEAN AIR CRITERIA.
- C. SAMPLE RESULT(S) EXCEED O.S.H.A. ACTION LEVEL.
- D. SAMPLE RESULT(S) EXCEED O.S.H.A. PERMISSABLE EXPOSURE LEVEL.

RECEIVED JUL 11 1991

Beverly Monroe
BEVERLY MONROE
MICROSCOPIST

APPROVER: *William J. McLean*
WILLIAM J. MCLEAN
LABORATORY DIRECTOR

TABLE 555.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 0555, THEATRE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ149	STORAGE, SE, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE, HORIZONTAL	3	-	-	NO
AZ150	AUDITORIUM, SE, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE, HORIZONTAL	5	-	-	NO
AZ151	MENS RESTRM, W, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE, HORIZONTAL	3	-	-	NO
AZ152	AUDITORIUM LOWER LEV, N, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE, HORIZONTAL	7	-	-	NO
AZ153	AUDITORIUM LOWER LEV, W, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE, HORIZONTAL	7	-	-	NO
AZ154	AUDITORIUM LOWER LEV, S, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE, HORIZONTAL	7	-	-	NO
AZ155	DRESSING RM, NW, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE, HORIZONTAL	5	-	-	NO
AZ156	DRESSING RM, NW, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, MASTIC, HORIZONTAL	5	-	-	NO
AZ157	DRESSING RM, W, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, MASTIC, HORIZONTAL	3	-	-	NO
AZ158	AUDITORIUM LOWER LEV, C, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, MASTIC, HORIZONTAL	3	-	-	NO
AZ159	AUDITORIUM, E, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, MASTIC, HORIZONTAL	10	-	-	NO
AZ160	STORAGE, NE, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, MASTIC, HORIZONTAL	1	-	-	NO
AZ161	OFFICE, SE, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, MASTIC, HORIZONTAL	5	-	-	NO
AZ162	LADIES RESTRM, SE, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, MASTIC, HORIZONTAL	5	-	-	YES
AZ163	DRESSING RM, NE, BELOW CEILING	OTHER MATERIAL	GRAY, OTH, SHEETROCK, VERTICAL	-	-	-	NO
AZ164	STAGE AREA NORTH, N, BELOW CEILING	OTHER MATERIAL	GRAY, OTH, SHEETROCK, VERTICAL	-	-	-	NO
AZ165	AUDITORIUM, NE, BELOW CEILING	OTHER MATERIAL	GRAY, OTH, SHEETROCK, VERTICAL	-	-	-	NO
AZ166	FOYER, E, BELOW CEILING	OTHER MATERIAL	GRAY, OTH, SHEETROCK, VERTICAL	-	-	-	NO
AZ167	PROJECTION RM, E, BELOW CEILING	OTHER MATERIAL	GRAY, OTH, SHEETROCK, VERTICAL	60	-	-	NO
AZ168	ATTIC, W, ABOVE CEILING	OTHER MATERIAL	GRAY, OTH, SHEETROCK, VERTICAL	-	-	-	NO
AZ169	S CORNER BACK STAGE, SW, BELOW CEILING	OTHER MATERIAL	GRAY, OTH, SHEETROCK, VERTICAL	-	-	-	NO
AZ170	AUDITORIUM STEPS, C, BELOW CEILING	FLOOR TILE	BLACK, OTH, FLOORING, HORIZONTAL	-	-	-	NO
AZ171	AUDITORIUM, NE, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, WALL TILE, VERTICAL	-	-	-	NO
AZ172	AUDITORIUM, C, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, WALL TILE, VERTICAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.Quadrant Codes

C = Center
 N = North
 E = East
 S = South
 W = West
 NE = Northeast
 NW = Northwest
 SE = Southeast
 SW = Southwest

System Codes

STM = Steam
 CHW = Chilled Water
 HHW = Heating Hot Water
 DOM = Domestic Water
 OTH = Other
 UNK = Unknown

Asbestos Types

CH = Chrysotile
 AM = Amosite
 OT = Other

TABLE 555.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 0555, THEATRE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ173	AUDITORIUM, SE, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, WALL TILE, VERTICAL	-	-	-	NO
AZ174	AUDITORIUM, NW, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ175	AUDITORIUM, SW, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ176	AUDITORIUM, S, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ177	AUDITORIUM, N, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AZ178	AUDITORIUM, E, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AZ179	AUDITORIUM, NE, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AZ180	AUDITORIUM, SE, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AZ181	AUDITORIUM, SE, BELOW CEILING	SPRAYED/TROWELED MATERIAL	WHITE, OTH, SPRAY-ON, VERTICAL	-	30	-	YES
AZ182	AUDITORIUM, S, BELOW CEILING	SPRAYED/TROWELED MATERIAL	WHITE, OTH, SPRAY-ON, VERTICAL	-	30	-	YES
AZ183	AUDITORIUM, NE, BELOW CEILING	SPRAYED/TROWELED MATERIAL	WHITE, OTH, SPRAY-ON, VERTICAL	1	30	-	NO
AZ184	AUDITORIUM, N, BELOW CEILING	SPRAYED/TROWELED MATERIAL	WHITE, OTH, SPRAY-ON, VERTICAL	2	30	-	YES
AZ185	AUDITORIUM, N, BELOW CEILING	SPRAYED/TROWELED MATERIAL	WHITE, OTH, SPRAY-ON, VERTICAL	1	30	-	YES
AZ186	AUDITORIUM, E, BELOW CEILING	TRANSITE PANEL BOARD	GREEN, OTH, TRANSITE, VERTICAL	-	-	-	YES
AZ187	AUDITORIUM, E, BELOW CEILING	TRANSITE PANEL BOARD	GREEN, OTH, TRANSITE, VERTICAL	-	-	-	YES
AZ188	AUDITORIUM, N, BELOW CEILING	TRANSITE PANEL BOARD	GREEN, OTH, TRANSITE, VERTICAL	-	-	-	YES
AZ189	OFFICE, E, BELOW CEILING	<4" PIPE RUN	GRAY, HHW, PIPE RUN, HORIZONTAL	30	10	-	YES
AZ190	OFFICE, E, BELOW CEILING	<4" PIPE FITTING	GRAY, HHW, FITTING, HORIZONTAL	20	-	-	YES
AZ191	OFFICE, E, BELOW CEILING	<4" PIPE RUN	GRAY, HHW, PIPE RUN, VERTICAL	30	5	-	YES
AZ192	STORAGE, NE, BELOW CEILING	4-8" PIPE RUN	GRAY, STM, PIPE RUN, HORIZONTAL	30	3	-	YES
AZ193	STORAGE, NE, BELOW CEILING	4-8" PIPE FITTING	GRAY, STM, FITTING, HORIZONTAL	45	-	-	YES
AZ194	STORAGE, NE, BELOW CEILING	<4" PIPE RUN	GRAY, HHW, PIPE RUN, VERTICAL	48	2	-	NO
AZ195	AUDITORIUM, E, BELOW CEILING	DEBRIS	GRAY, OTH, DEBRIS, HORIZONTAL	1	40	-	NO
AZ196	AUDITORIUM, C, BELOW CEILING	DEBRIS	GRAY, OTH, DEBRIS, HORIZONTAL	-	35	-	YES

^aAsbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
N - North
E - East
S - South
W - West
NE - Northeast
NW - Northwest
SE - Southeast
SW - Southwest

System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DOM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 555.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 0555, THEATRE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ197	BEHIND STAGE, W, BELOW CEILING	DEBRIS	GRAY, OTH, DEBRIS, HORIZONTAL	1	-	-	YES

^aAsbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

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System Codes

STM = Steam
CHW = Chilled Water
BHW = Heating Hot Water
DOM = Domestic Water
OTH = Other
UNK = Unknown

Asbestos Types

CH = Chrysotile
AM = Amosite
OT = Other

TABLE 555.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 555, THEATRE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED	FLOOR TILE	BOILERS/	AIR HANDLING	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"	CEILINGS (MSF)	(MSF)	TANKS (MSF)	EQUIPMENT (MSF)	
AUDITORIUM	-	-	-	-	-	-	-	-	4.00	1.20	-	-	*
AUDITORIUM LOWER LEV	-	-	-	-	-	-	-	-	-	2.78	-	-	*
BATHROOM WEST	-	-	-	-	-	-	-	-	-	0.04	-	-	*
BEHIND STAGE	-	-	-	-	-	-	-	-	-	-	-	-	*
CLOSET	-	-	-	-	-	-	-	-	-	-	-	-	*
CLOSET NW	-	-	-	-	-	-	-	-	-	0.09	-	-	-
DRESSING RM	-	-	-	-	-	-	-	-	-	1.05	-	-	*
FOYER	-	-	-	-	-	-	-	-	-	0.30	-	-	*
LADIES RESTRM	-	-	-	-	-	-	-	-	-	0.15	-	-	*
MENS RESTRM	-	-	-	-	-	-	-	-	-	0.15	-	-	*
OFFICE	3	-	-	-	2	-	-	-	-	0.25	-	-	*
PROJECTION RM	-	-	-	-	-	-	-	-	-	0.25	-	-	*
PROP RM	-	-	-	-	-	-	-	-	-	-	-	-	*
PROP RM & HALL	-	-	-	-	-	-	-	-	-	0.20	-	-	-
STORAGE	-	3	-	-	100	100	-	-	-	0.60	-	-	*
TOTALS	3	3	-	-	102	100	-	-	4.00	7.05	-	-	*

* Other material present in various units of measure. See Table 555.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 555.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 555, THEATRE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITIY (UNIT)
AUDITORIUM	FLOOR TILE MASTIC	1.200 (MSF)
AUDITORIUM	DEBRIS	0.500 (MSF)
AUDITORIUM LOWER LEV	FLOOR TILE MASTIC	2.770 (MSF)
BATHROOM WEST	FLOOR TILE MASTIC	0.040 (MSF)
BEHIND STAGE	DEBRIS	0.100 (MSF)
CLOSET	FLOOR TILE MASTIC	0.090 (MSF)
DRESSING RM	FLOOR TILE MASTIC	1.050 (MSF)
FOYER	FLOOR TILE MASTIC	0.300 (MSF)
LADIES RESTRM	FLOOR TILE MASTIC	0.150 (MSF)
LADIES RESTRM	SHEETROCK	0.275 (MSF)
MENS RESTRM	FLOOR TILE MASTIC	0.150 (MSF)
MENS RESTRM	SHEETROCK	0.275 (MSF)
OFFICE	FLOOR TILE MASTIC	0.250 (MSF)
OFFICE	SHEETROCK	0.390 (MSF)
PROJECTION RM	FLOOR TILE MASTIC	0.250 (MSF)
PROJECTION RM	SHEETROCK	0.525 (MSF)
PROP RM	FLOOR TILE MASTIC	0.195 (MSF)
STORAGE	FLOOR TILE MASTIC	0.600 (MSF)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

TABLE 555.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 555, THEATRE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	‡ ASB.
					1	2	3	4	5		
AZ167	LADIES RESTRM	PLASTER CEILINGS & WALLS	A	5.300E01	3	1	2	3	2	2.00	60
AZ167	MENS RESTRM	PLASTER CEILINGS & WALLS	A	5.300E01	3	1	2	3	2	2.00	60
AZ167	OFFICE	PLASTER CEILINGS & WALLS	A	5.300E01	3	1	2	3	2	2.00	60
AZ167	PROJECTION RM	PLASTER CEILINGS & WALLS	A	5.300E01	3	1	2	3	2	2.00	60
AZ189	OFFICE	<4" PIPE RUN	A	5.300E01	3	1	2	3	2	2.00	40
AZ193	STORAGE	4-8" PIPE FITTING	A	5.300E01	3	1	2	3	2	2.00	45
AZ194	STORAGE	<4" PIPE RUN	A	5.300E01	3	1	2	3	2	2.00	50
AZ195	AUDITORIUM	DEBRIS	A	5.300E01	3	1	2	3	2	2.00	41
AZ181	AUDITORIUM	SPRAYED/TROWELED MATERIAL	A	1.900E01	3	1	2	3	2	2.00	30
AZ182	AUDITORIUM	SPRAYED/TROWELED MATERIAL	A	1.900E01	3	1	2	3	2	2.00	30
AZ183	AUDITORIUM	SPRAYED/TROWELED MATERIAL	A	1.900E01	3	1	2	3	2	2.00	31
AZ184	AUDITORIUM	SPRAYED/TROWELED MATERIAL	A	1.900E01	3	1	2	3	2	2.00	32
AZ185	AUDITORIUM	SPRAYED/TROWELED MATERIAL	A	1.900E01	3	1	2	3	2	2.00	31
AZ190	OFFICE	<4" PIPE FITTING	A	1.900E01	3	1	2	3	2	2.00	20
AZ191	OFFICE	<4" PIPE RUN	A	1.900E01	3	1	2	3	2	2.00	35
AZ192	STORAGE	4-8" PIPE RUN	A	1.900E01	3	1	2	3	2	2.00	33
AZ196	AUDITORIUM	DEBRIS	A	1.900E01	3	1	2	3	2	2.00	35
AZ197	BEHIND STAGE	DEBRIS	A	3.300E00	3	1	2	3	2	2.00	1
AZ163	BATHROOM	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ163	CLOSET	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ163	DRESSING RM	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ163	DRESSING RM	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ163	PROP RM	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ164	STAGE AREA NORTH	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ164	STAGE AREA SOUTH	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ165	AUDITORIUM	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ166	FOYER	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ166	STORAGE	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ168	ATTIC	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ169	FAN RM	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 555.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 555, THEATRE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ169	HEATER RM	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ169	S CORNER BACK STAGE	PLASTER CEILINGS & WALLS	A	0	3	1	2	3	2	2.00	0
AZ171	AUDITORIUM	ACOUSTICAL WALL TILE	A	0	3	1	2	3	2	2.00	0
AZ172	AUDITORIUM	ACOUSTICAL WALL TILE	A	0	3	1	2	3	2	2.00	0
AZ173	AUDITORIUM	ACOUSTICAL WALL TILE	A	0	3	1	2	3	2	2.00	0
AZ174	AUDITORIUM	CEILING TILE	A	0	3	1	2	3	2	2.00	0
AZ175	AUDITORIUM	CEILING TILE	A	0	3	1	2	3	2	2.00	0
AZ176	AUDITORIUM	CEILING TILE	A	0	3	1	2	3	2	2.00	0
AZ177	AUDITORIUM	CEILING TILE	A	0	3	1	2	3	2	2.00	0
AZ178	AUDITORIUM	CEILING TILE	A	0	3	1	2	3	2	2.00	0
AZ179	AUDITORIUM	CEILING TILE	A	0	3	1	2	3	2	2.00	0
AZ180	AUDITORIUM	CEILING TILE	A	0	3	1	2	3	2	2.00	0
AZ186	AUDITORIUM	TRANSITE PANEL BOARD	A	0	3	1	2	3	2	2.00	0
AZ187	AUDITORIUM	TRANSITE PANEL BOARD	A	0	3	1	2	3	2	2.00	0
AZ188	AUDITORIUM	TRANSITE PANEL BOARD	A	0	3	1	2	3	2	2.00	0

Priority Index Codes

A [-] Long Term Corrective Measure
B [-] Review Management Special Considerations/Remarks
C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
2 [-] Occupant Accessibility
3 [-] Material Condition
4 [-] Level Of Activity
5 [-] Number Of Assigned Occupants

TABLE 555.5
COST ESTIMATE* - BUILDING 555, THEATRE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	AREA 8	AREA 9	AREA 10	AREA 11
Pipe Fittings (EA)												
<4"	36.39	-	-	-	-	-	-	-	-	-	-	0.1
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	-	-	-	-	-	-	-	-	-	-	**
4-8"	18.49	-	-	-	-	-	-	-	-	-	-	-
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	40.1	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	6.4	14.8	0.2	-	-	0.5	5.6	1.6	0.8	0.8	1.3
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		3.5	6.5	**	0.1	0.2	-	2.5	0.7	2.3	2.3	3.3
SUBTOTAL		50.0	21.3	0.3	0.1	0.2	0.5	8.1	2.3	3.1	3.1	4.8
Difficulty Allowance		89.3	21.3	0.3	-	0.2	0.5	8.1	2.3	5.0	5.0	7.4
SUBTOTAL		139.3	42.6	0.6	0.1	0.4	1.0	16.1	4.6	8.1	8.1	12.2
Decontamination Units		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Mobilization		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
SUBTOTAL		140.2	43.5	1.5	1.0	1.3	1.9	17.0	5.5	9.0	9.0	13.1
Contingency @ 15.00%		21.0	6.5	0.2	0.2	0.2	0.3	2.6	0.8	1.3	1.3	2.0
SUBTOTAL		161.2	50.0	1.7	1.2	1.5	2.1	19.6	6.3	10.3	10.3	15.1
Design Fee @ 6.00%		9.7	3.0	0.1	**	**	0.1	1.2	0.4	0.6	0.6	0.9
SUBTOTAL		170.9	53.1	1.8	1.3	1.6	2.3	20.8	6.7	11.0	11.0	16.0
Air Monitoring		2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
TOTAL		173.2	55.3	4.1	3.5	3.9	4.5	23.0	9.0	13.2	13.2	18.3

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: AUDITORIUM
AREA 3: BATHROOM WEST
AREA 5: CLOSET
AREA 7: DRESSING RM
AREA 9: LADIES RESTRM
AREA 11: OFFICE

AREA 2: AUDITORIUM LOWER LEV
AREA 4: BEHIND STAGE
AREA 6: CLOSET NW
AREA 8: FOYER
AREA 10: MENS RESTRM

TABLE 555.5
(continued)
COST ESTIMATE* - BUILDING 555, THEATRE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

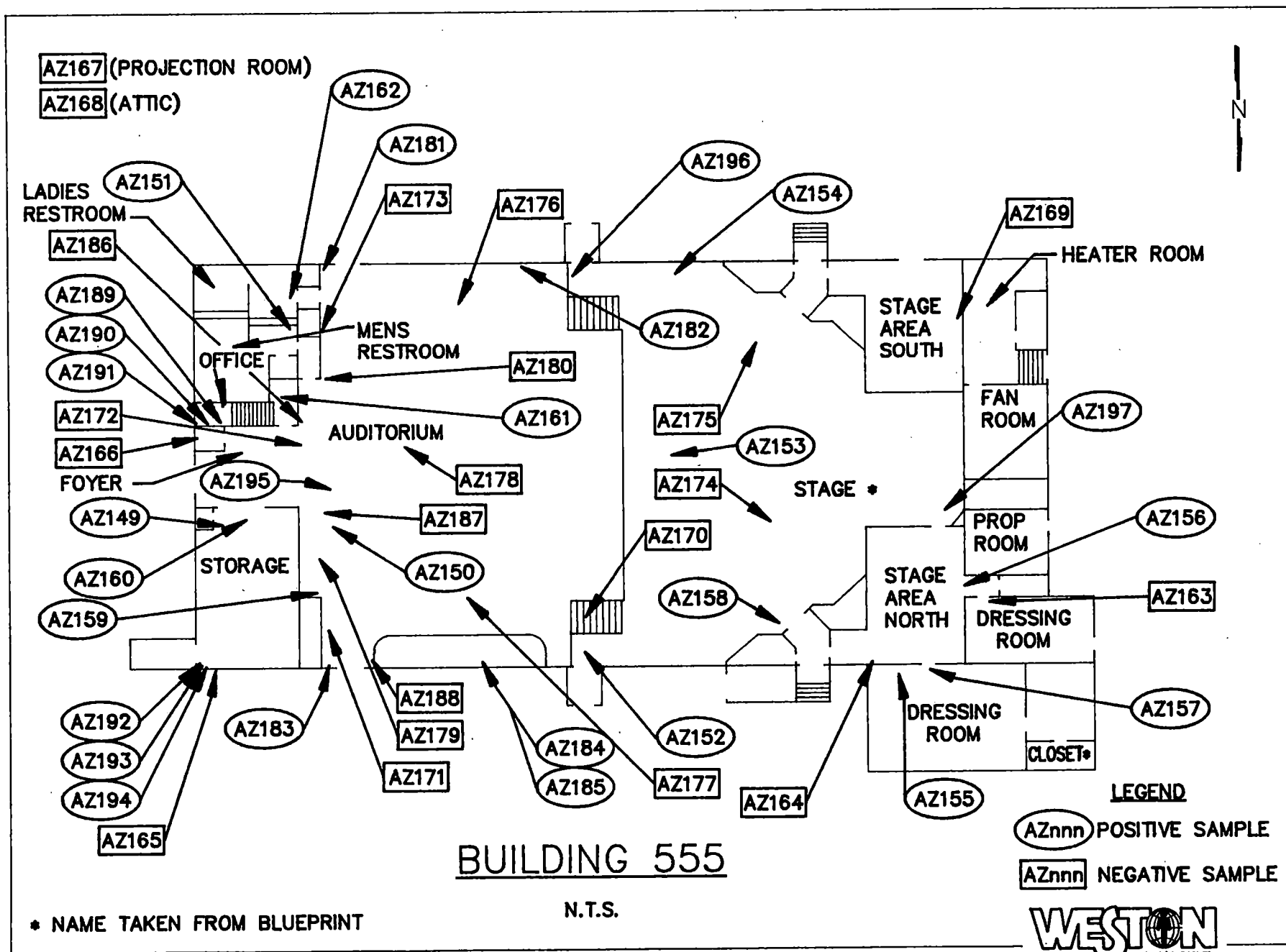
DESCRIPTION	UNIT COST (\$)	AREA 12	AREA 13	AREA 14	AREA 15	TOTAL
Pipe Fittings (EA)						
<4"	36.39	-	-	-	-	0.1
4-8"	50.10	-	-	-	0.2	0.2
9-14"	112.35	-	-	-	-	-
>14"	191.69	-	-	-	-	-
Pipe Runs (LF)						
<4"	13.47	-	-	-	1.3	1.4
4-8"	18.49	-	-	-	1.8	1.8
9-14"	40.14	-	-	-	-	-
>14"	67.39	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	40.1
Floor Tile (SF)	5.33	1.3	-	1.0	3.2	37.6
Boilers/Tanks (SF)	41.10	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-
Other		4.3	0.5	-	1.4	27.7
SUBTOTAL		5.6	0.5	1.0	8.0	108.8
Difficulty Allowance		9.3	0.5	1.0	6.3	156.5
SUBTOTAL		14.8	0.9	2.1	14.2	265.3
Decontamination Units		0.6	0.6	0.6	0.6	9.3
Mobilization		0.3	0.3	0.3	0.3	4.2
SUBTOTAL		15.7	1.8	3.0	15.1	278.8
Contingency @ 15.00%		2.4	0.3	0.4	2.3	41.8
SUBTOTAL		18.1	2.1	3.4	17.4	320.6
Design Fee @ 6.00%		1.1	0.1	0.2	1.0	19.2
SUBTOTAL		19.2	2.2	3.6	18.5	339.9
Air Monitoring		2.3	2.3	2.3	2.3	34.0
TOTAL		21.5	4.5	5.9	20.7	373.9

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 12: PROJECTION RM
AREA 14: PROP RM & HALL

AREA 13: PROP RM
AREA 15: STORAGE



608

EDUCATION BUILDING

608

EDUCATION BUILDING

608.1 GENERAL

Building 608 was surveyed by WESTON technicians on 12 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze three samples of suspect material collected from the building. Of these samples, two were found to be asbestos-containing materials (ACM). Table 608.1 lists the analytical results for the bulk samples.

608.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 608 are presented in Table 608.1. An area-by-area inventory of ACM is provided in Table 608.2 and 608.3 "Other Asbestos-Containing Materials," listed in Table 608.3, are materials which do not match the standard caption categories listed in Table 608.2. A prioritized listing of exposure assessments is presented in Table 608.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 608.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 608.2 and 608.5.

608.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing material should be labeled under O&M Program.

TABLE 608.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 608, EDUCATION BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP755	RM 2, RM 1,NW,BELOW CEILING	OTHER MATERIAL	BLACK,OTH,FLOORING,HORIZONTAL	-	-	-	YES
AP756	RM 3,NE,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	1	-	-	NO
AP757	MENS & WOMENS RM,SE,BELOW CEILING	FLOOR TILE	WHITE,OTH,FLOOR TILE,HORIZONTAL	2	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.Quadrant Codes

C - Center
 N - North
 E - East
 S - South
 W - West
 NE - Northeast
 NW - Northwest
 SE - Southeast
 SW - Southwest

System Codes

STM - Steam
 CHW - Chilled Water
 HHW - Heating Hot Water
 DOM - Domestic Water
 OTH - Other
 UNK - Unknown

Asbestos Types

CH - Chrysotile
 AM - Amosite
 OT - Other

TABLE 608.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 608, EDUCATION BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
HALL	-	-	-	-	-	-	-	-	-	0.09	-	-	-
MENS & WOMENS RM	-	-	-	-	-	-	-	-	-	0.21	-	-	-
RM 201, RM 202, RM 203	-	-	-	-	-	-	-	-	-	1.60	-	-	-
RM 204	-	-	-	-	-	-	-	-	-	0.15	-	-	-
RM 3	-	-	-	-	-	-	-	-	-	0.11	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	2.16	-	-	-

* Other material present in various units of measure. See Table 608.3 for material descriptions.

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

TABLE 608.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 608, EDUCATION BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

AREA

MATERIAL TYPE

QUANTITY (UNIT)

NO OTHER ASBESTOS-CONTAINING MATERIAL FOUND IN THIS BUILDING

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

TABLE 608.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 608, EDUCATION BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR.	PRIORITY	EXPOSURE FACTORS					AVG.	%
			INDEX CODE	INDEX NUMBER	1	2	3	4	5	EXP. HOURS	

Only Non-Friable Material Was Detected In This Building
Exposure Assessments Are Not Available

Priority Index Codes

- A [-] Long Term Corrective Measure
B [-] Review Management Special Considerations/Remarks
C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

- 1 [-] Material Friability
2 [-] Occupant Accessibility
3 [-] Material Condition
4 [-] Level Of Activity
5 [-] Number Of Assigned Occupants

TABLE 608.5

COST ESTIMATE* - BUILDING 608, EDUCATION BUILDING
 TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

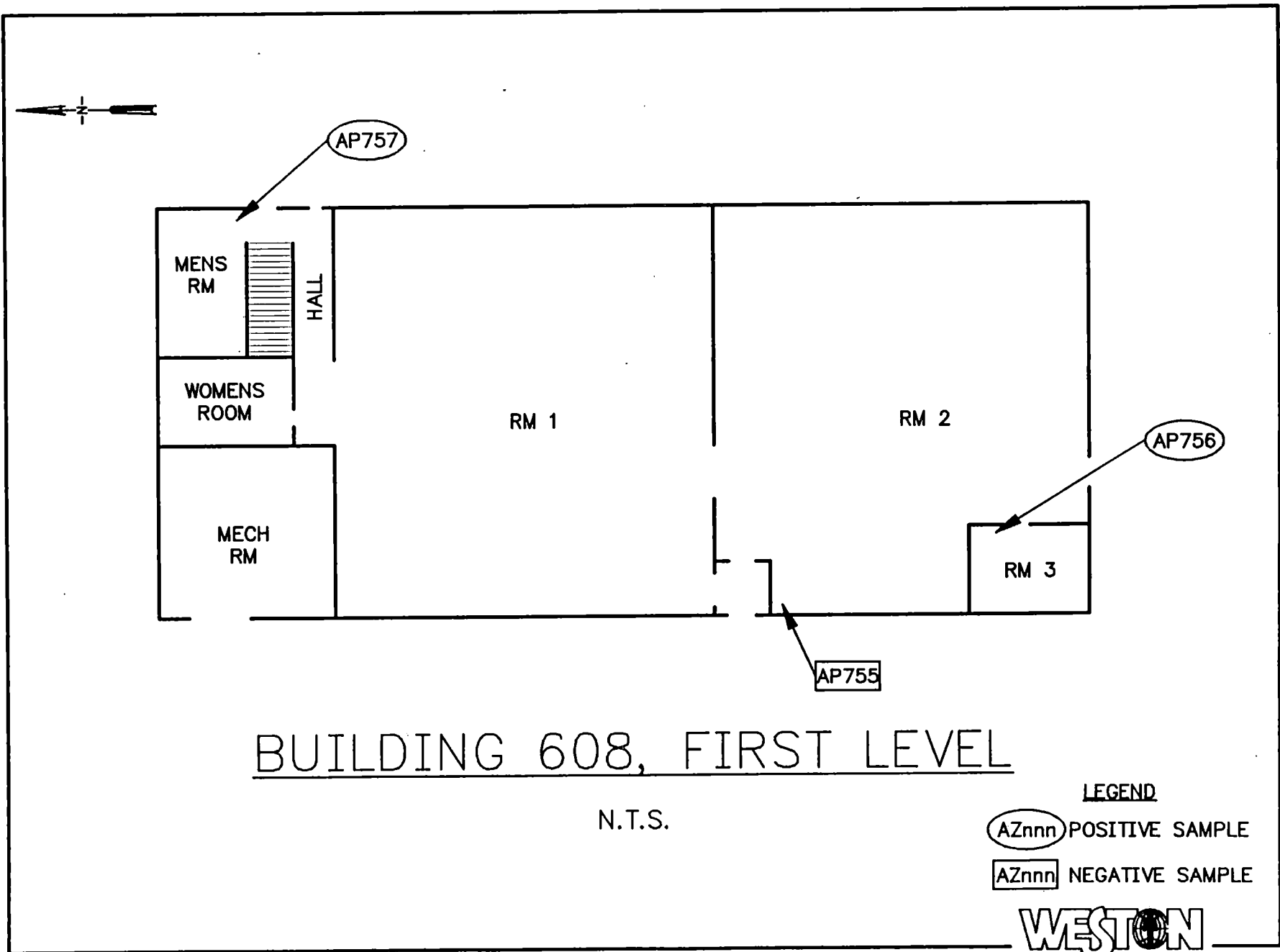
DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	TOTAL
Pipe Fittings (EA)							
<4"	70.30	-	-	-	-	-	-
4-8"	85.80	-	-	-	-	-	-
9-14"	147.00	-	-	-	-	-	-
>14"	216.00	-	-	-	-	-	-
Pipe Runs (LF)							
<4"	26.50	-	-	-	-	-	-
4-8"	30.50	-	-	-	-	-	-
9-14"	42.50	-	-	-	-	-	-
>14"	60.80	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-	-	-
Floor Tile (SF)	5.60	0.5	1.1	9.0	0.8	0.6	12.1
Boilers/Tanks (SF)	37.90	-	-	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-	-	-
Other		-	-	-	-	-	-
SUBTOTAL		0.5	1.1	9.0	0.8	0.6	12.1
Difficulty Allowance		-	-	-	-	-	-
SUBTOTAL		0.5	1.1	9.0	0.8	0.6	12.1
Decontamination Units		0.6	0.6	0.6	0.6	0.6	3.1
Mobilization		0.8	0.8	0.8	0.8	0.8	4.2
SUBTOTAL		2.0	2.6	10.4	2.3	2.1	19.4
Contingency @ 15.00%		0.3	0.4	1.6	0.3	0.3	2.9
SUBTOTAL		2.3	3.0	12.0	2.6	2.4	22.3
Design Fee @ 6.00%		0.1	0.2	0.7	0.2	0.1	1.3
SUBTOTAL		2.4	3.2	12.7	2.8	2.5	23.6
Air Monitoring		0.5	0.5	0.5	0.5	0.5	2.4
TOTAL		2.9	3.7	13.2	3.3	3.0	26.0

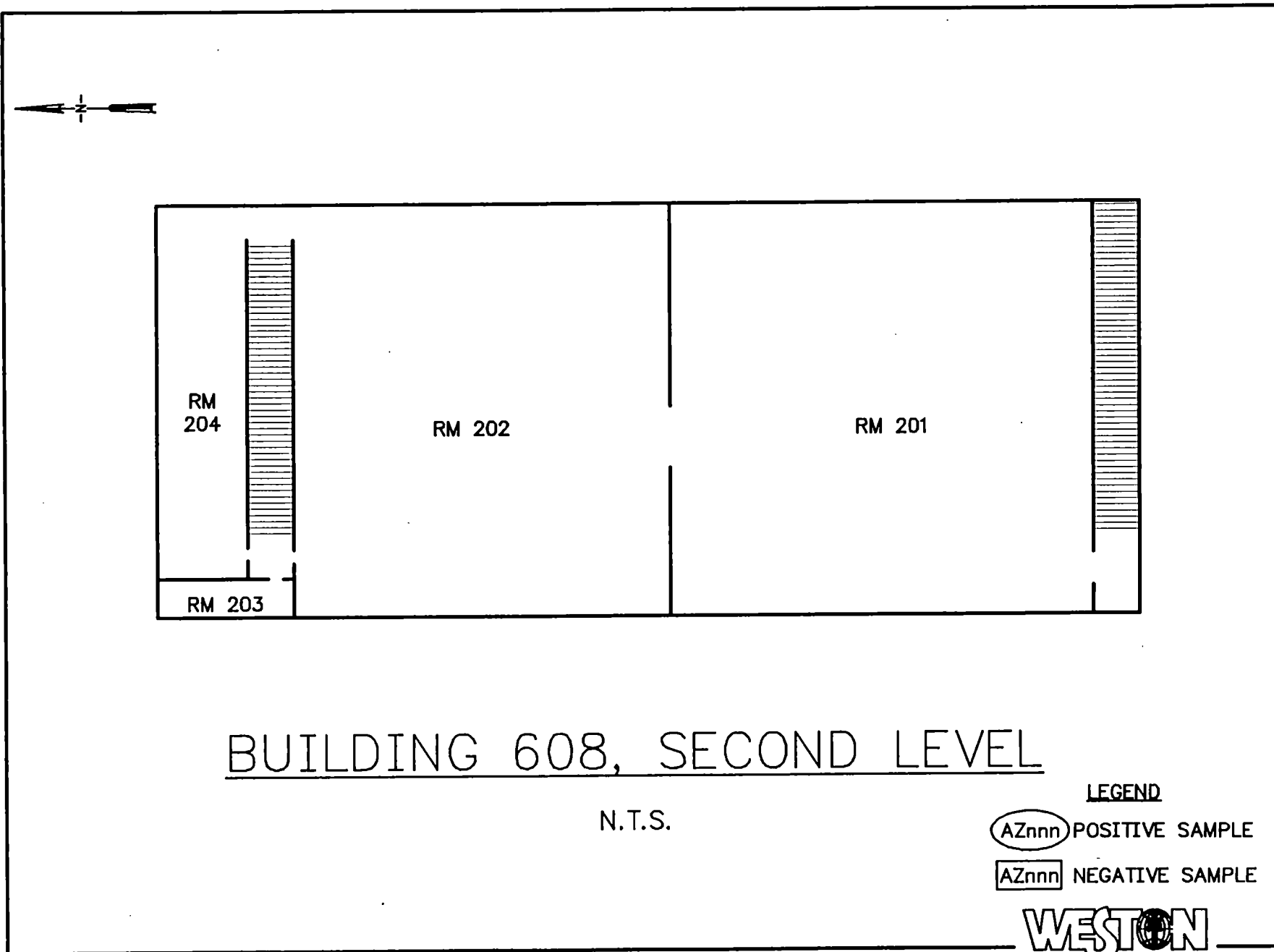
*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: HALL
 AREA 3: RM 201, RM 202, RM 203
 AREA 5: RM 3

AREA 2: MENS & WOMENS RM
 AREA 4: RM 204





615

OFFICE/STORAGE BUILDING

OFFICE/STORAGE BUILDING**615.1 GENERAL**

Building 615 was surveyed by WESTON technicians on 24 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze two samples of suspect material collected from the building. Of these samples, two were found to be asbestos-containing materials (ACM). Table 615.1 lists the analytical results for the bulk samples.

615.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 615 are presented in Table 615.1. An area-by-area inventory of ACM is provided in Table 615.2 and 615.3 "Other Asbestos-Containing Materials," listed in Table 615.3, are materials which do not match the standard caption categories listed in Table 615.2. A prioritized listing of exposure assessments is presented in Table 615.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 615.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 615.2 and 615.5.

615.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing material should be labeled under O&M Program.

TABLE 615.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 615, OFFICE/STORAGE
 TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP892	OFFICE 1, SW, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	7	-	-	NO
AP893	STORAGE, NW, BELOW CEILING	EXPANSION JOINT (S)	WHITE, OTH, EXP JOINT, VERTICAL	60	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
 N - North
 E - East
 S - South
 W - West
 NE - Northeast
 NW - Northwest
 SE - Southeast
 SW - Southwest

System Codes

STM - Steam
 CHW - Chilled Water
 HHW - Heating Hot Water
 DOM - Domestic Water
 OTH - Other
 UNK - Unknown

Asbestos Types

CH - Chrysotile
 AM - Amosite
 OT - Other

TABLE 615.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 615, OFFICE/STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
OFFICE 1	-	-	-	-	-	-	-	-	-	0.38	-	-	-
OFFICE 2	-	-	-	-	-	-	-	-	-	0.38	-	-	-
STORAGE	-	-	-	-	-	-	-	-	-	-	-	-	*
TOTALS	-	-	-	-	-	-	-	-	-	0.77	-	-	*

* Other material present in various units of measure. See Table 615.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 615.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 615, OFFICE/STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
STORAGE	EXPANSION JOINT	1 (EA)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

615-4

TABLE 615.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 615, OFFICE/STORAGE
 TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AP893	STORAGE	EXPANSION JOINTS	A	8.250E00	2	2	1	1	1	1.00	60

Priority Index Codes

A [-] Long Term Corrective Measure
 B [-] Review Management Special Considerations/Remarks
 C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
 2 [-] Occupant Accessibility
 3 [-] Material Condition
 4 [-] Level Of Activity
 5 [-] Number Of Assigned Occupants

TABLE 615.5

COST ESTIMATE* - BUILDING 615, OFFICE/STORAGE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

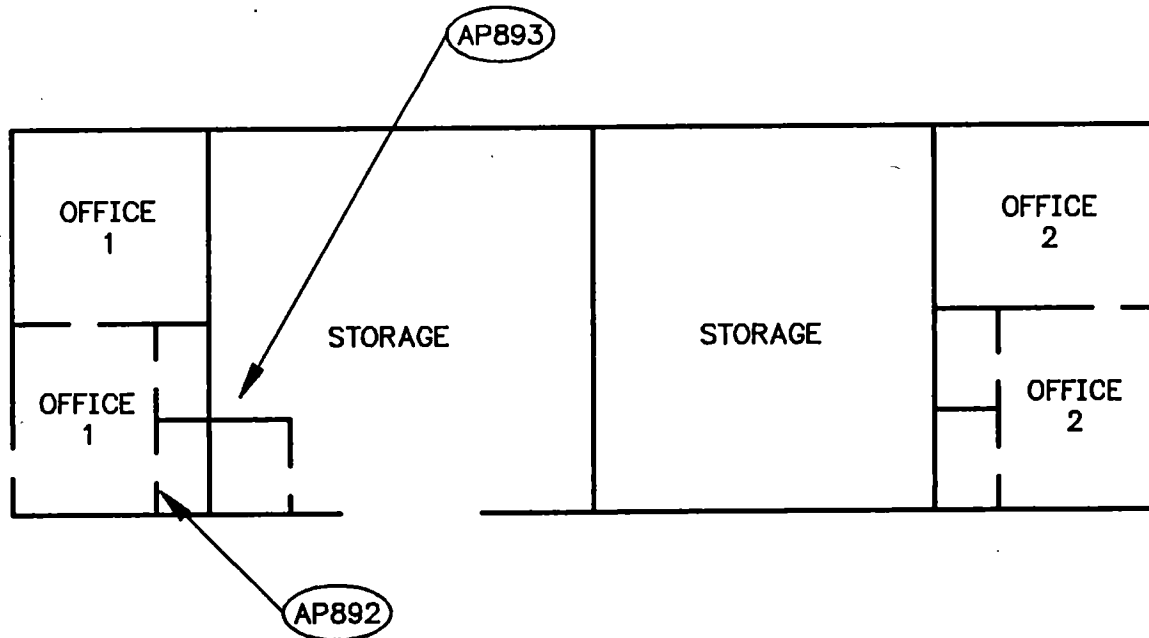
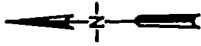
DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	TOTAL
Pipe Fittings (EA)					
<4"	70.30	-	-	-	-
4-8"	85.80	-	-	-	-
9-14"	147.00	-	-	-	-
>14"	216.00	-	-	-	-
Pipe Runs (LF)					
<4"	26.50	-	-	-	-
4-8"	30.50	-	-	-	-
9-14"	42.50	-	-	-	-
>14"	60.80	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-
Floor Tile (SF)	5.60	2.2	2.2	-	4.3
Boilers/Tanks (SF)	37.90	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-
Other		-	-	0.3	0.3
SUBTOTAL		2.2	2.2	0.3	4.6
Difficulty Allowance		-	-	-	-
SUBTOTAL		2.2	2.2	0.3	4.6
Decontamination Units		1.0	1.0	1.0	3.1
Mobilization		1.4	1.4	1.4	4.2
SUBTOTAL		4.6	4.6	2.7	11.9
Contingency @ 15.00%		0.7	0.7	0.4	1.8
SUBTOTAL		5.3	5.3	3.1	13.7
Design Fee @ 6.00%		0.3	0.3	0.2	0.8
SUBTOTAL		5.6	5.6	3.3	14.5
Air Monitoring		0.5	0.5	0.5	1.5
TOTAL		6.1	6.1	3.8	16.0

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: OFFICE 1
AREA 3: STORAGE

AREA 2: OFFICE 2



BUILDING 615

N.T.S.

LEGEND

AZnnn POSITIVE SAMPLE

AZnnn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

617

STORAGE BUILDING

617

STORAGE BUILDING

617.1 GENERAL

Building 617 was surveyed by WESTON technicians on 11 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze seven samples of suspect material collected from the building. Of these samples, two were found to be asbestos-containing materials (ACM) and one sample with less than one percent asbestos. Table 617.1 lists the analytical results for the bulk samples.

617.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 617 are presented in Table 617.1. An area-by-area inventory of ACM is provided in Table 617.2 and 617.3 "Other Asbestos-Containing Materials," listed in Table 617.3, are materials which do not match the standard caption categories listed in Table 617.2. A prioritized listing of exposure assessments is presented in Table 617.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 617.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 617.2 and 617.5.

617.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing material should be labeled under O&M Program.

TABLE 617.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 617, STORAGE BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP725	STORAGE, C, BELOW CEILING	OTHER MATERIAL	BLACK, OTH, FLOORING, HORIZONTAL	-	-	-	NO
AP726	OUTSIDE BASE WALL, N, BELOW CEILING	TRANSITE PANEL BOARD	GRAY, OTH, TRANSITE, VERTICAL	50	-	-	YES
AP727	MIDDLE RM, N, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	7	-	-	NO
AP728	OLD KITCHEN, NE, BELOW CEILING	<4" PIPE FITTING	WHITE, OTH, FITTING, HORIZONTAL	-	-	-	YES
AP729	OLD KITCHEN, SE, BELOW CEILING	ACOUSTICAL WALL TILE	BROWN, OTH, WALL BOARD, VERTICAL	-	-	-	YES
AP730	OLD KITCHEN, SE, BELOW CEILING	DUPLICATE SAMPLE	GRAY, OTH, WALL BOARD, VERTICAL	-	-	-	NO
AP731	OLD KITCHEN, NE, BELOW CEILING	BOILERS/TANKS	WHITE, OTH, TANK HEAD, HORIZONTAL	<1	-	-	YES

^a Asbestos content presented for layered samples represents the highest concentration layer.Quadrant Codes

C - Center
 N - North
 E - East
 S - South
 W - West
 NE - Northeast
 NW - Northwest
 SE - Southeast
 SW - Southwest

System Codes

STM - Steam
 CHW - Chilled Water
 HHW - Heating Hot Water
 DOM - Domestic Water
 OTH - Other
 UNK - Unknown

Asbestos Types

CH - Chrysotile
 AM - Amosite
 OT - Other

TABLE 617.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 617, STORAGE BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROVELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
MIDDLE RM	-	-	-	-	-	-	-	-	-	0.02	-	-	-
OLD KITCHEN	-	-	-	-	-	-	-	-	-	-	0.01	-	-
OUTSIDE BASE WALL	-	-	-	-	-	-	-	-	-	-	-	-	*
TOTALS	-	-	-	-	-	-	-	-	-	0.02	0.01	-	*

* Other material present in various units of measure. See Table 617.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 617.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 617, STORAGE BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
OUTSIDE BASE WALL	TRANSITE PANEL BOARD	0.36 (MSF)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

617-4

TABLE 617.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 617, STORAGE BUILDING

TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	%
					1	2	3	4	5		
AP731	OLD KITCHEN	BOILERS/TANKS	A	1.450E00	2	2	2	1	1	1.00	1
AP726	OUTSIDE BASE WALL	TRANSITE PANEL BOARD	A	7.750E-5	1	1	1	1	1	1.00	50
AP728	OLD KITCHEN	<4" PIPE FITTING	A	0	3	2	2	1	1	1.00	0
AP729	OLD KITCHEN	ACOUSTICAL WALL TILE	A	0	1	1	1	1	1	1.00	0

Priority Index Codes

A [=] Long Term Corrective Measure

B [=] Review Management Special Considerations/Remarks

C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability

2 [=] Occupant Accessibility

3 [=] Material Condition

4 [=] Level Of Activity

5 [=] Number Of Assigned Occupants

TABLE 617.5

COST ESTIMATE* - BUILDING 617, STORAGE BUILDING
TYPE OCCUPANCY: ADULTS (GOVERNMENT, PUBLIC)

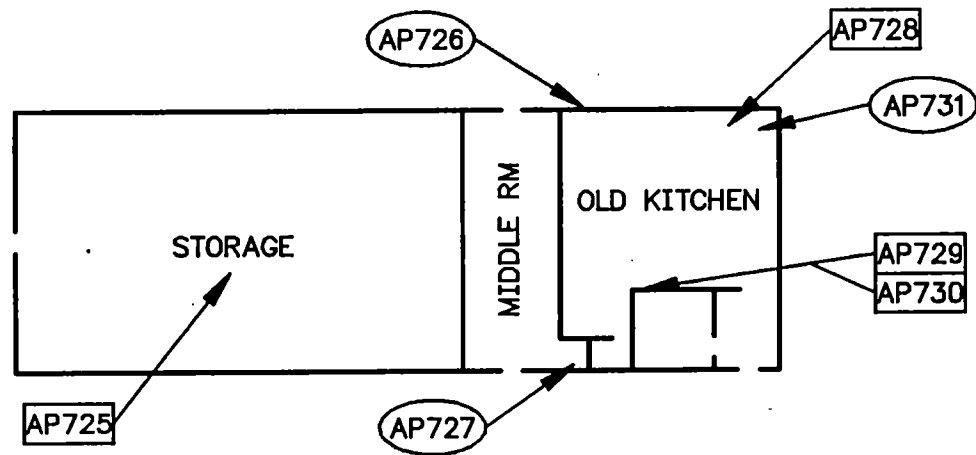
DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	TOTAL
Pipe Fittings (EA)					
<4"	70.30	-	-	-	-
4-8"	85.80	-	-	-	-
9-14"	147.00	-	-	-	-
>14"	216.00	-	-	-	-
Pipe Runs (LF)					
<4"	26.50	-	-	-	-
4-8"	30.50	-	-	-	-
9-14"	42.50	-	-	-	-
>14"	60.80	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-
Floor Tile (SF)	5.60	0.1	-	-	0.1
Boilers/Tanks (SF)	37.90	-	0.4	-	0.4
Air Handling Equipment (SF)	20.00	-	-	-	-
Other		-	-	4.0	4.0
SUBTOTAL		0.1	0.4	4.0	4.5
Difficulty Allowance		-	-	-	-
SUBTOTAL		0.1	0.4	4.0	4.5
Decontamination Units		1.0	1.0	1.0	3.1
Mobilization		1.4	1.4	1.4	4.2
SUBTOTAL		2.5	2.8	6.4	11.8
Contingency @ 15.00%		0.4	0.4	1.0	1.8
SUBTOTAL		2.9	3.2	7.4	13.6
Design Fee @ 6.00%		0.2	0.2	0.4	0.8
SUBTOTAL		3.1	3.4	7.8	14.4
Air Monitoring		0.5	0.5	0.5	1.4
TOTAL		3.6	3.9	8.3	15.8

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: MIDDLE RM
AREA 3: OUTSIDE BASE WALL

AREA 2: OLD KITCHEN



BUILDING 617

N.T.S.

LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

617-7

619

STORAGE BUILDING

STORAGE BUILDING**619.1 GENERAL**

Building 619 was surveyed by WESTON technicians on 23 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze four samples of suspect material collected from the building. Of these samples, four were found to be asbestos-containing materials (ACM). Table 619.1 lists the analytical results for the bulk samples.

619.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 619 are presented in Table 619.1. An area-by-area inventory of ACM is provided in Table 619.2 and 619.3 "Other Asbestos-Containing Materials," listed in Table 619.3, are materials which do not match the standard caption categories listed in Table 619.2. A prioritized listing of exposure assessments is presented in Table 619.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 619.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 619.2 and 619.5.

619.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing material should be labeled under O&M Program.

TABLE 619.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 619, STORAGE
 TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP884	OFFICE,NW,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	5	-	-	NO
AP885	OFFICE,NW,BELOW CEILING	FLOOR TILE	GREEN,OTH,FLOOR TILE,HORIZONTAL	5	-	-	NO
AP886	RESTROOM,N,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	5	-	-	NO
AP887	STORAGE,SE,BELOW CEILING	EXPANSION JOINT(S)	WHITE,OTH,EXP JOINT,VERTICAL	60	-	-	YES

^aAsbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
 N - North
 E - East
 S - South
 W - West
 NE - Northeast
 NW - Northwest
 SE - Southeast
 SW - Southwest

System Codes

STM - Steam
 CHW - Chilled Water
 HHW - Heating Hot Water
 DOM - Domestic Water
 OTH - Other
 UNK - Unknown

Asbestos Types

CH - Chrysotile
 AM - Amosite
 OT - Other

TABLE 619.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 619, STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
BREAK ROOM	-	-	-	-	-	-	-	-	-	0.16	-	-	-
OFFICE	-	-	-	-	-	-	-	-	-	0.38	-	-	-
OFFICE 2	-	-	-	-	-	-	-	-	-	0.20	-	-	-
RESTROOM	-	-	-	-	-	-	-	-	-	0.05	-	-	-
STORAGE	-	-	-	-	-	-	-	-	-	-	-	-	*
VESTIBULE	-	-	-	-	-	-	-	-	-	0.31	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	1.10	-	-	*

* Other material present in various units of measure. See Table 619.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 619.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 619, STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
STORAGE	EXPANSION JOINT	2 (EA)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

619-4

TABLE 619.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 619, STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	‡ ASB.
					1	2	3	4	5		
AP887	STORAGE	EXPANSION JOINTS	A	9.900E01	2	2	1	1	4	3.00	60

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 619.5

COST ESTIMATE* - BUILDING 619, STORAGE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Pipe Fittings (EA)								
<4"	70.30	-	-	-	-	-	-	-
4-8"	85.80	-	-	-	-	-	-	-
9-14"	147.00	-	-	-	-	-	-	-
>14"	216.00	-	-	-	-	-	-	-
Pipe Runs (LF)								
<4"	26.50	-	-	-	-	-	-	-
4-8"	30.50	-	-	-	-	-	-	-
9-14"	42.50	-	-	-	-	-	-	-
>14"	60.80	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-	-	-	-
Floor Tile (SF)	5.60	0.9	2.2	1.1	0.3	-	1.7	6.2
Boilers/Tanks (SF)	37.90	-	-	-	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-	-	-	-
Other		-	-	-	-	0.6	-	0.6
SUBTOTAL		0.9	2.2	1.1	0.3	0.6	1.7	6.8
Difficulty Allowance		-	0.5	-	-	-	0.4	1.0
SUBTOTAL		0.9	2.7	1.1	0.3	0.6	2.2	7.8
Decontamination Units		0.5	0.5	0.5	0.5	0.5	0.5	3.1
Mobilization		0.7	0.7	0.7	0.7	0.7	0.7	4.2
SUBTOTAL		2.1	3.9	2.4	1.5	1.8	3.4	15.1
Contingency @ 15.00%		0.3	0.6	0.4	0.2	0.3	0.5	2.3
SUBTOTAL		2.4	4.5	2.7	1.7	2.1	3.9	17.3
Design Fee @ 6.00%		0.1	0.3	0.2	0.1	0.1	0.2	1.0
SUBTOTAL		2.5	4.8	2.9	1.8	2.2	4.1	18.4
Air Monitoring		0.3	0.3	0.3	0.3	0.3	0.3	1.8
TOTAL		2.9	5.1	3.2	2.1	2.5	4.5	20.2

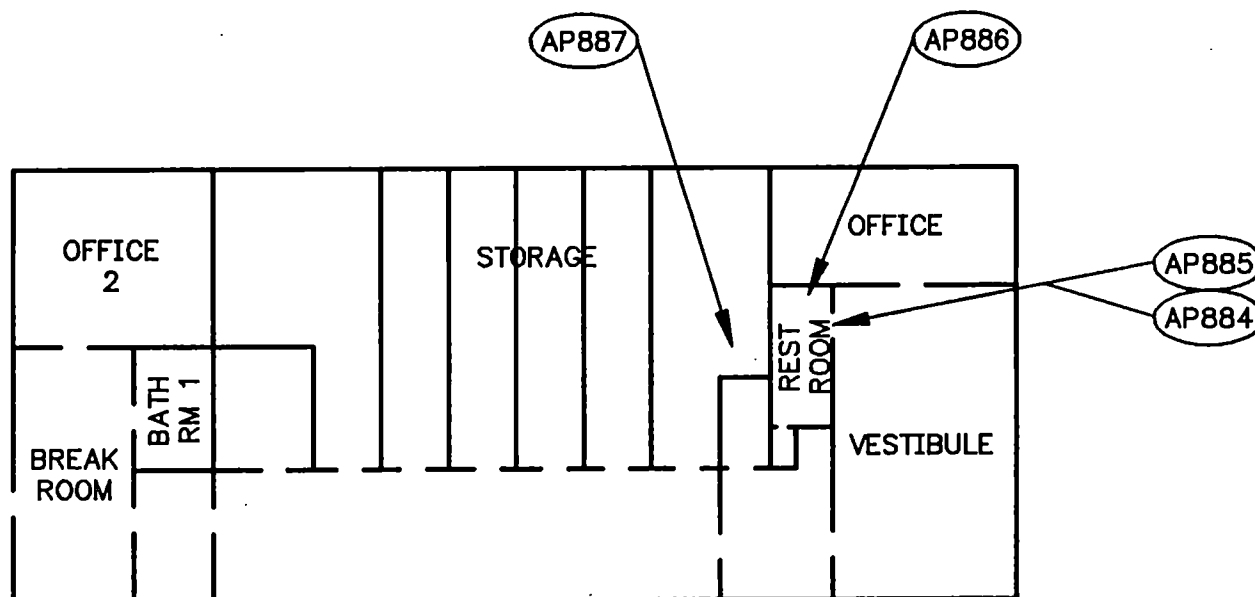
*Amounts Are In Thousands Of Dollars

** Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: BREAK ROOM
AREA 3: OFFICE 2
AREA 5: STORAGE

AREA 2: OFFICE
AREA 4: RESTROOM
AREA 6: VESTIBULE

619-7



BUILDING 619

N.T.S.

LEGEND

AZnnn POSITIVE SAMPLE

AZnnn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

625

OFFICE BUILDING

625

OFFICE BUILDING

625.1 GENERAL

Building 625 was surveyed by WESTON technicians on 11 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze six samples of suspect material collected from the building. Of these samples, five were found to be asbestos-containing materials (ACM). Table 625.1 lists the analytical results for the bulk samples.

625.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 625 are presented in Table 625.1. An area-by-area inventory of ACM is provided in Table 625.2 and 625.3 "Other Asbestos-Containing Materials," listed in Table 625.3, are materials which do not match the standard caption categories listed in Table 625.2. A prioritized listing of exposure assessments is presented in Table 625.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 625.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 625.2 and 625.5.

625.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing materials should be labeled under O&M Program.

TABLE 625.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 625, OFFICE
TYPE OCCUPANCY: ADULTS (PUBLIC)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP739	MEN,N,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	2	-	-	YES
AP740	MEN,N,BELOW CEILING	DUPLICATE SAMPLE	BROWN,OTH,FLOOR TILE,HORIZONTAL	3	-	-	NO
AP742	FOOTER OUTSIDE WALL,N,BELOW CEILING	TRANSITE PANEL BOARD	GRAY,OTH,TRANSITE,HORIZONTAL	55	-	-	YES
AP743	SERV AREA,E,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	3	-	-	NO
AP744	1, 2, 3, 4, 5, 6,SW,BELOW CEILING	OTHER MATERIAL	BLACK,OTH,FLOORING,HORIZONTAL	1	-	-	YES
AP745	7, 8,W	CEILING BOARD	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C = Center
N = North
E = East
S = South
W = West
NE = Northeast
NW = Northwest
SE = Southeast
SW = Southwest

System Codes

STM = Steam
CHW = Chilled Water
HHW = Heating Hot Water
DOM = Domestic Water
OTH = Other
UNK = Unknown

Asbestos Types

CH = Chrysotile
AM = Amosite
OT = Other

TABLE 625.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 625, OFFICE

TYPE OCCUPANCY: ADULTS (PUBLIC)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
1, 2, 3, 4, 5, 6	-	-	-	-	-	-	-	-	-	-	-	-	*
7, 8	-	-	-	-	-	-	-	-	-	-	-	-	*
FOOTER OUTSIDE WALL	-	-	-	-	-	-	-	-	-	-	-	-	*
MEN	-	-	-	-	-	-	-	-	-	0.07	-	-	-
SERV AREA	-	-	-	-	-	-	-	-	-	0.20	-	-	-
WOMEN	-	-	-	-	-	-	-	-	-	0.11	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	0.38	-	-	*

* Other material present in various units of measure. See Table 625.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 625.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 625, OFFICE

TYPE OCCUPANCY: ADULTS (PUBLIC)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
1, 2, 3, 4, 5, 6	ROLLED FLOORING	2.24 (MSF)
7,8	ROLLED FLOORING	0.18 (MSF)
FOOTER OUTSIDE WALL	TRANSITE PANEL BOARD	0.37 (MSF)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

TABLE 625.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 625, OFFICE

TYPE OCCUPANCY: ADULTS (PUBLIC)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AP742	FOOTER OUTSIDE WALL	TRANSITE PANEL BOARD	A	7.750E-5	1	1	1	1	1	1.00	55
AP745	7, 8	CEILING BOARD	A	0	2	1	1	2	1	40.00	0

Priority Index Codes

A [-] Long Term Corrective Measure
 B [-] Review Management Special Considerations/Remarks
 C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
 2 [-] Occupant Accessibility
 3 [-] Material Condition
 4 [-] Level Of Activity
 5 [-] Number Of Assigned Occupants

TABLE 625.5

COST ESTIMATE* - BUILDING 625, OFFICE
TYPE OCCUPANCY: ADULTS (PUBLIC)

DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	TOTAL
Pipe Fittings (EA)								
<4"	70.30	-	-	-	-	-	-	-
4-8"	85.80	-	-	-	-	-	-	-
9-14"	147.00	-	-	-	-	-	-	-
>14"	216.00	-	-	-	-	-	-	-
Pipe Runs (LF)								
<4"	26.50	-	-	-	-	-	-	-
4-8"	30.50	-	-	-	-	-	-	-
9-14"	42.50	-	-	-	-	-	-	-
>14"	60.80	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-	-	-	-
Floor Tile (SF)	5.60	-	-	-	0.4	1.1	0.6	2.1
Boilers/Tanks (SF)	37.90	-	-	-	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-	-	-	-
Other		12.4	1.0	4.1	-	-	-	17.5
SUBTOTAL		12.4	1.0	4.1	0.4	1.1	0.6	19.6
Difficulty Allowance		6.2	0.5	-	-	-	-	6.7
SUBTOTAL		18.6	1.5	4.1	0.4	1.1	0.6	26.3
Decontamination Units		0.5	0.5	0.5	0.5	0.5	0.5	3.1
Mobilization		0.7	0.7	0.7	0.7	0.7	0.7	4.2
SUBTOTAL		19.8	2.7	5.3	1.6	2.3	1.8	33.6
Contingency @ 15.00%		3.0	0.4	0.8	0.2	0.4	0.3	5.0
SUBTOTAL		22.8	3.1	6.1	1.8	2.7	2.1	38.6
Design Fee @ 6.00%		1.4	0.2	0.4	0.1	0.2	0.1	2.3
SUBTOTAL		24.1	3.3	6.5	1.9	2.9	2.2	41.0
Air Monitoring		0.7	0.7	0.7	0.7	0.7	0.7	4.1
TOTAL		24.8	4.0	7.2	2.6	3.5	2.9	45.1

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: 1, 2, 3, 4, 5, 6
AREA 3: FOOTER OUTSIDE WALL
AREA 5: SERV AREA

AREA 2: 7, 8
AREA 4: MEN
AREA 6: WOMEN

655

BARRACKS

655

BARRACKS

655.1 GENERAL

Building 655 was surveyed by WESTON technicians on 25 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze one sample of suspect material collected from the building. Of this sample, one was found to be asbestos-containing material (ACM). Table 655.1 lists the analytical results for the bulk samples.

655.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 655 are presented in Table 655.1. An area-by-area inventory of ACM is provided in Table 655.2 and 655.3 "Other Asbestos-Containing Materials," listed in Table 655.3, are materials which do not match the standard caption categories listed in Table 655.2. A prioritized listing of exposure assessments is presented in Table 655.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 655.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 655.2 and 655.5.

655.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing material should be labeled under O&M Program.

TABLE 655.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 655, BARRACKS
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AU807	1ST FL LIVING QTRS,S,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	2	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
N - North
E - East
S - South
W - West
NE - Northeast
NW - Northwest
SE - Southeast
SW - Southwest

System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DOM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 655.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 655, BARRACKS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
1ST FL LIVING QTRS	-	-	-	-	-	-	-	-	-	1.60	-	-	-
2ND FL LIVING QTRS	-	-	-	-	-	-	-	-	-	1.87	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	3.47	-	-	-

* Other material present in various units of measure. See Table 655.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 655.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 655, BARRACKS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
NO OTHER ASBESTOS-CONTAINING MATERIAL FOUND IN THIS BUILDING		

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

TABLE 655.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 655, BARRACKS
 TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	%
					1	2	3	4	5		

Only Non-Friable Material Was Detected In This Building
 Exposure Assessments Are Not Available

Priority Index Codes

A [-] Long Term Corrective Measure
 B [-] Review Management Special Considerations/Remarks
 C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
 2 [-] Occupant Accessibility
 3 [-] Material Condition
 4 [-] Level Of Activity
 5 [-] Number Of Assigned Occupants

TABLE 655.5

COST ESTIMATE* - BUILDING 655, BARRACKS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

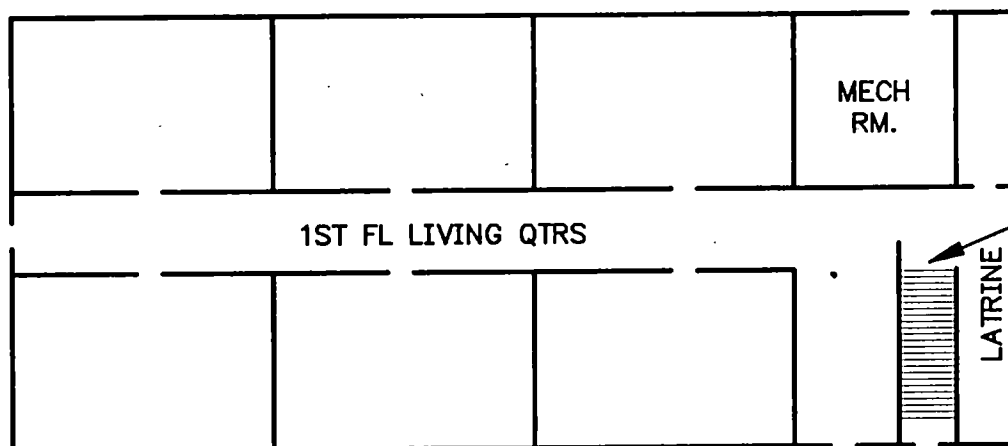
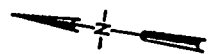
DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	TOTAL
Pipe Fittings (EA)				
<4"	70.30	-	-	-
4-8"	85.80	-	-	-
9-14"	147.00	-	-	-
>14"	216.00	-	-	-
Pipe Runs (LF)				
<4"	26.50	-	-	-
4-8"	30.50	-	-	-
9-14"	42.50	-	-	-
>14"	60.80	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-
Floor Tile (SF)	5.60	9.0	10.5	19.4
Boilers/Tanks (SF)	37.90	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-
Other		-	-	-
SUBTOTAL		9.0	10.5	19.4
Difficulty Allowance		-	-	-
SUBTOTAL		9.0	10.5	19.4
Decontamination Units		1.6	1.6	3.1
Mobilization		2.1	2.1	4.2
SUBTOTAL		12.6	14.1	26.7
Contingency @ 15.00%		1.9	2.1	4.0
SUBTOTAL		14.5	16.2	30.7
Design Fee @ 6.00%		0.9	1.0	1.8
SUBTOTAL		15.4	17.2	32.6
Air Monitoring		1.6	1.6	3.3
TOTAL		17.0	18.8	35.8

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: 1ST FL LIVING QTRS

AREA 2: 2ND FL LIVING QTRS



BUILDING 655, FIRST FLOOR

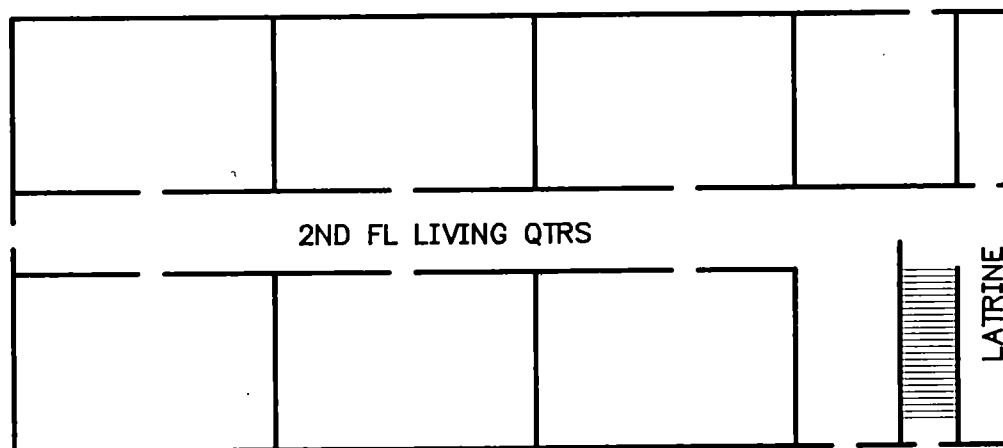
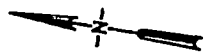
N.T.S.

LEGEND

AZnnn POSITIVE SAMPLE

AZnnn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS



BUILDING 655, SECOND FLOOR

N.T.S.

LEGEND

AZnnn POSITIVE SAMPLE

AZnnn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

659

STORAGE BUILDING

STORAGE BUILDING**659.1 GENERAL**

Building 659 was surveyed by WESTON technicians on 23 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze six samples of suspect material collected from the building. Of these samples, four were found to be asbestos-containing materials (ACM). Table 659.1 lists the analytical results for the bulk samples.

659.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 659 are presented in Table 659.1. An area-by-area inventory of ACM is provided in Table 659.2 and 659.3 "Other Asbestos-Containing Materials," listed in Table 659.3, are materials which do not match the standard caption categories listed in Table 659.2. A prioritized listing of exposure assessments is presented in Table 659.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 659.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 659.2 and 659.5.

659.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing materials should be labeled under O&M Program.

TABLE 659.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 659, STORAGE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP878	FOOTER OUTSIDE, S, BELOW CEILING	TRANSITE PANEL BOARD	OTHER, OTH, TRANSITE, VERTICAL	35	-	-	NO
AP879	CORRIDOR 2, N, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	5	-	-	NO
AP880	CORRIDOR 2, N, BELOW CEILING	DUPLICATE SAMPLE	BROWN, OTH, FLOOR TILE, HORIZONTAL	2	-	-	NO
AP881	CORRIDOR 2, N, BELOW CEILING	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AP882	LANDING, N, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	3	-	-	NO
AP883	HEATER ROOM, S, BELOW CEILING	4-8" PIPE FITTING	OTH, FITTING, VERTICAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
N - North
E - East
S - South
W - West
NE - Northeast
NW - Northwest
SE - Southeast
SW - Southwest

System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DOM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 659.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 659, STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROVELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING		OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"				EQUIPMENT (MSF)		
1ST FLOOR	-	-	-	-	-	-	-	-	-	1.89	-	-	-	-
CORRIDOR 2	-	-	-	-	-	-	-	-	-	0.37	-	-	-	-
DAY ROOM	-	-	-	-	-	-	-	-	-	0.18	-	-	-	-
FOOTER OUTSIDE	-	-	-	-	-	-	-	-	-	-	-	-	-	*
LANDING	-	-	-	-	-	-	-	-	-	0.12	-	-	-	-
NBC ROOM	-	-	-	-	-	-	-	-	-	0.12	-	-	-	-
STORAGE	-	-	-	-	-	-	-	-	-	1.54	-	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	4.22	-	-	-	*

* Other material present in various units of measure. See Table 659.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 659.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 659, STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
FOOTER OUTSIDE	TRANSITE PANEL BOARD	0.29 (MSF)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

659-4

TABLE 659.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 659, STORAGE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	%
					1	2	3	4	5		
AP878	FOOTER OUTSIDE	TRANSITE PANEL BOARD	A	2.500E-2	1	3	1	1	1	1.00	35
AP881	CORRIDOR 2	CEILING BOARD	A	0	2	2	1	1	3	40.00	0
AP883	HEATER ROOM	4-8" PIPE FITTING	A	0	2	2	1	1	1	1.00	0

Priority Index Codes

A [=] Long Term Corrective Measure

B [=] Review Management Special Considerations/Remarks

C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability

2 [=] Occupant Accessability

3 [=] Material Condition

4 [=] Level Of Activity

5 [=] Number Of Assigned Occupants

TABLE 659.5

COST ESTIMATE* - BUILDING 659, STORAGE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

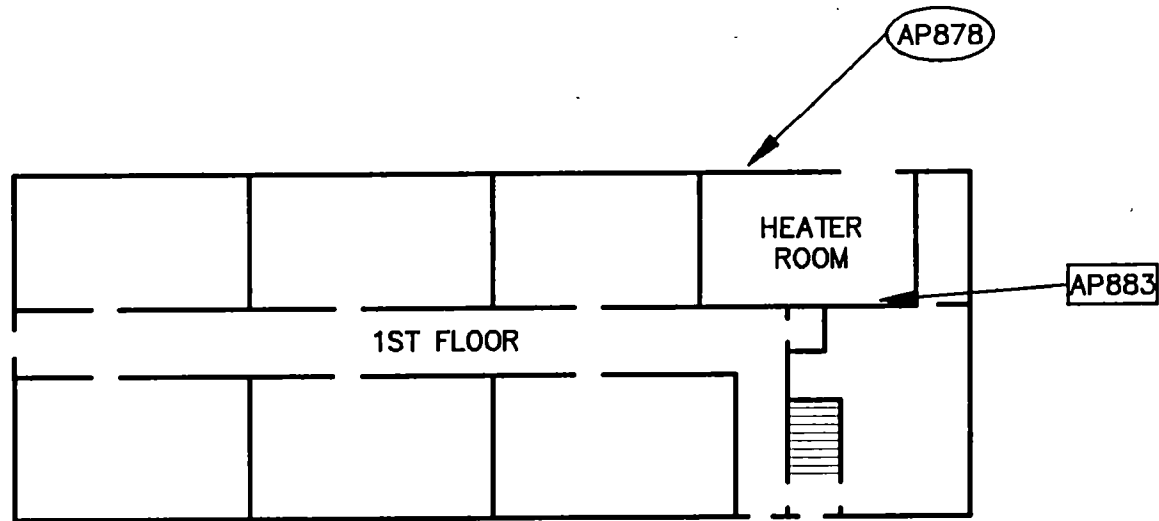
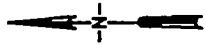
DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	TOTAL
Pipe Fittings (EA)									
<4"	70.30	-	-	-	-	-	-	-	-
4-8"	85.80	-	-	-	-	-	-	-	-
9-14"	147.00	-	-	-	-	-	-	-	-
>14"	216.00	-	-	-	-	-	-	-	-
Pipe Runs (LF)									
<4"	26.50	-	-	-	-	-	-	-	-
4-8"	30.50	-	-	-	-	-	-	-	-
9-14"	42.50	-	-	-	-	-	-	-	-
>14"	60.80	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.60	10.6	2.1	1.0	-	0.7	0.7	8.6	23.6
Boilers/Tanks (SF)	37.90	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-	-	-	-	-
Other		-	-	-	3.1	-	-	-	3.1
SUBTOTAL		10.6	2.1	1.0	3.1	0.7	0.7	8.6	26.8
Difficulty Allowance		-	-	-	-	-	-	-	-
SUBTOTAL		10.6	2.1	1.0	3.1	0.7	0.7	8.6	26.8
Decontamination Units		0.9	0.9	0.9	0.9	0.9	0.9	0.9	6.2
Mobilization		0.6	0.6	0.6	0.6	0.6	0.6	0.6	4.2
SUBTOTAL		12.1	3.6	2.5	4.6	2.2	2.2	10.1	37.2
Contingency @ 15.00%		1.8	0.5	0.4	0.7	0.3	0.3	1.5	5.6
SUBTOTAL		13.9	4.1	2.9	5.3	2.5	2.5	11.6	42.8
Design Fee @ 6.00%		0.8	0.2	0.2	0.3	0.1	0.1	0.7	2.6
SUBTOTAL		14.7	4.4	3.0	5.6	2.6	2.6	12.3	45.3
Air Monitoring		0.6	0.6	0.6	0.6	0.6	0.6	0.6	4.5
TOTAL		15.4	5.0	3.7	6.3	3.3	3.3	13.0	49.9

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: 1ST FLOOR
AREA 3: DAY ROOM
AREA 5: LANDING
AREA 7: STORAGE

AREA 2: CORRIDOR 2
AREA 4: FOOTER OUTSIDE
AREA 6: NBC ROOM



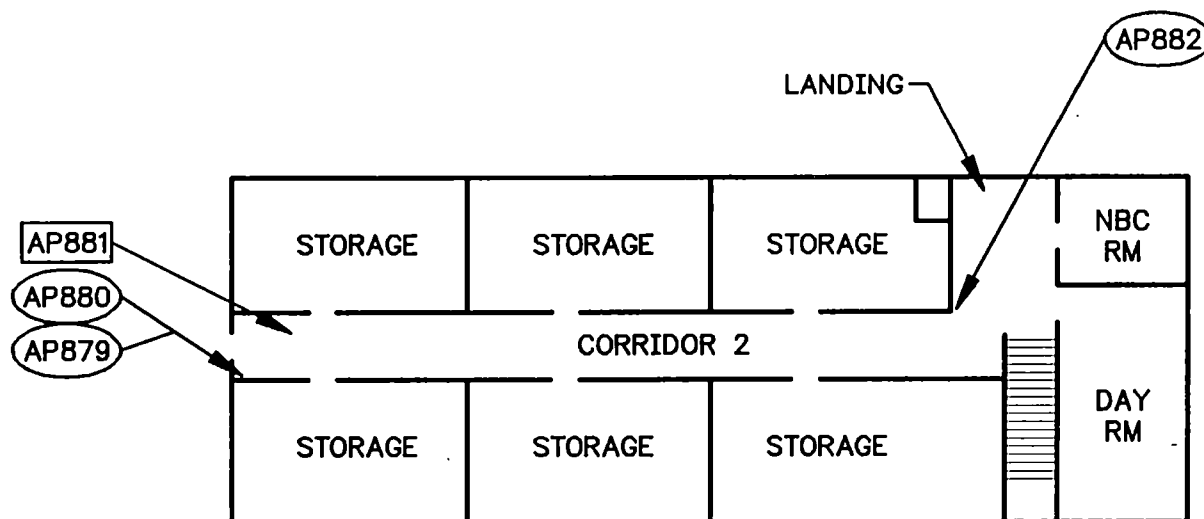
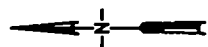
BUILDING 659, FIRST FLOOR

N.T.S.

LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE



BUILDING 659, SECOND FLOOR

N.T.S.

LEGEND

AZnnn POSITIVE SAMPLE

AZnnn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

671

PRE-SCHOOL BUILDING

PRE-SCHOOL BUILDING**672.1 GENERAL**

Building 671 was surveyed by WESTON technicians on 11 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze eight samples of suspect material collected from the building. Of these samples, one was found to be asbestos-containing materials (ACM). Table 672.1 lists the analytical results for the bulk samples.

672.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 672 are presented in Table 672.1. An area-by-area inventory of ACM is provided in Table 672.2 and 672.3 "Other Asbestos-Containing Materials," listed in Table 672.3, are materials which do not match the standard caption categories listed in Table 672.2. A prioritized listing of exposure assessments is presented in Table 672.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 672.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 672.2 and 672.5.

672.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-Containing material should be labeled under O&M Program.

TABLE 671.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 671, PRE-SCHOOL
 TYPE OCCUPANCY: ADULTS (PUBLIC) CHILDREN (SCHOOL, TODDLERS)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP732	MECH RM, S, BELOW CEILING	4-8" PIPE FITTING	WHITE, OTH, FITTING, HORIZONTAL	-	-	-	NO
AP733	MECH RM, S, BELOW CEILING	4-8" PIPE FITTING	WHITE, OTH, FITTING, HORIZONTAL	-	-	-	NO
AP734	MECH RM, NE	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AP735	MECH RM, W	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AP736	MECH RM, W, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	5	-	-	NO
AP737	MECH RM, W, BELOW CEILING	EXPANSION JOINT(S)	TAN, OTH, EXP JOINT, VERTICAL	-	-	-	YES
AP738	CLASSROOM 1, S, BELOW CEILING	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AP741	CLASSROOM 3, W, BELOW CEILING	CEILING BOARD	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
 N - North
 E - East
 S - South
 W - West
 NE - Northeast
 NW - Northwest
 SE - Southeast
 SW - Southwest

System Codes

STM - Steam
 CHW - Chilled Water
 HHW - Heating Hot Water
 DOM - Domestic Water
 OTH - Other
 UNK - Unknown

Asbestos Types

CH - Chrysotile
 AM - Amosite
 OT - Other

TABLE 671.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 671, PRE-SCHOOL
 TYPE OCCUPANCY: ADULTS (PUBLIC) CHILDREN (SCHOOL, TODDLERS)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROVELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
MECH RM	-	-	-	-	-	-	-	-	-	0.20	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	0.20	-	-	-

* Other material present in various units of measure. See Table 671.3 for material descriptions.

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

TABLE 671.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 671, PRE-SCHOOL

TYPE OCCUPANCY: ADULTS (PUBLIC) CHILDREN (SCHOOL, TODDLERS)

AREA

MATERIAL TYPE

QUANTITY (UNIT)

NO OTHER ASBESTOS-CONTAINING MATERIAL FOUND IN THIS BUILDING

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

TABLE 671.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 671, PRE-SCHOOL
 TYPE OCCUPANCY: ADULTS (PUBLIC) CHILDREN (SCHOOL, TODDLERS)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AP732	HEATER RM 1	4-8" PIPE FITTING	A	0	3	2	1	1	1	1.00	0
AP732	MECH RM	4-8" PIPE FITTING	A	0	3	2	1	1	1	1.00	0
AP733	MECH RM	4-8" PIPE FITTING	A	0	3	2	1	1	1	1.00	0
AP734	CLASSROOM 1	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP734	CLASSROOM 2	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP734	CLASSROOM 3	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP734	CLASSROOM 4	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP734	MECH RM	CEILING BOARD	A	0	2	2	1	1	1	1.00	0
AP734	MULTI-PURPOSE ROOM	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP734	OFFICE	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP734	STORAGE	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP735	MECH RM	CEILING BOARD	A	0	2	1	1	1	1	1.00	0
AP737	MECH RM	EXPANSION JOINTS	A	0	1	1	1	1	1	1.00	0
AP738	CLASSROOM 1	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP738	CLASSROOM 2	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP738	MULTI-PURPOSE ROOM	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP738	OFFICE	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP741	CLASSROOM 1	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP741	CLASSROOM 2	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP741	CLASSROOM 3	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP741	CLASSROOM 4	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP741	OFFICE	CEILING BOARD	A	0	2	2	1	1	86	25.00	0
AP741	STORAGE	CEILING BOARD	A	0	2	2	1	1	86	25.00	0

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 671.5

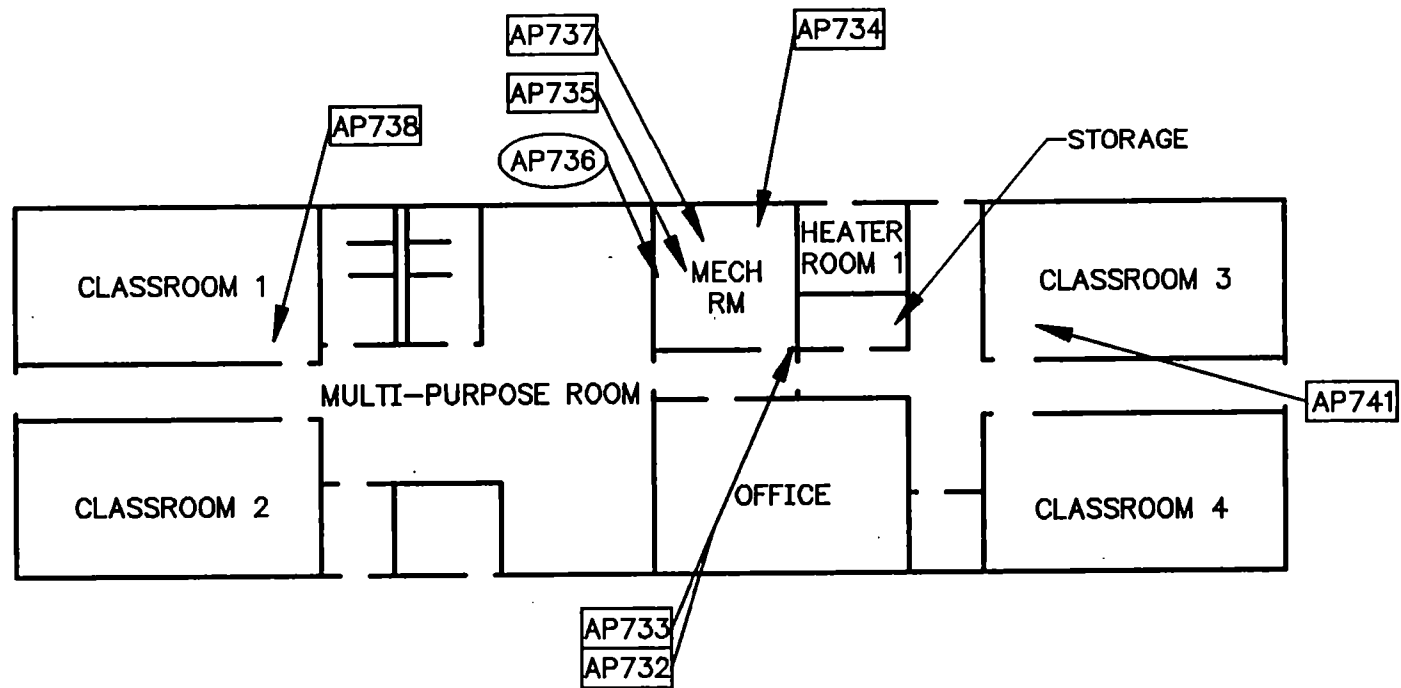
COST ESTIMATE* - BUILDING 671, PRE-SCHOOL
 TYPE OCCUPANCY: ADULTS (PUBLIC) CHILDREN (SCHOOL, TODDLERS)

DESCRIPTION	UNIT COST (\$)	AREA 1	TOTAL
Pipe Fittings (EA)			
<4"	70.30	-	-
4-8"	85.80	-	-
9-14"	147.00	-	-
>14"	216.00	-	-
Pipe Runs (LF)			
<4"	26.50	-	-
4-8"	30.50	-	-
9-14"	42.50	-	-
>14"	60.80	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-
Floor Tile (SF)	5.60	1.1	1.1
Boilers/Tanks (SF)	37.90	-	-
Air Handling Equipment (SF)	20.00	-	-
Other		-	-
SUBTOTAL		1.1	1.1
Difficulty Allowance		-	-
SUBTOTAL		1.1	1.1
Decontamination Units		3.1	3.1
Mobilization		4.2	4.2
SUBTOTAL		8.4	8.4
Contingency @ 15.00%		1.3	1.3
SUBTOTAL		9.7	9.7
Design Fee @ 6.00%		0.6	0.6
SUBTOTAL		10.3	10.3
Air Monitoring		1.0	1.0
TOTAL		11.3	11.3

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: MECH RM



BUILDING 671

N.T.S.

LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

678

OFFICE BUILDING

OFFICE BUILDING**678.1 GENERAL**

Building 678 was surveyed by WESTON technicians on 11 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze five samples of suspect material collected from the building. Of these samples, three were found to be asbestos-containing materials (ACM). Table 678.1 lists the analytical results for the bulk samples.

678.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 678 are presented in Table 678.1. An area-by-area inventory of ACM is provided in Table 678.2 and 678.3 "Other Asbestos-Containing Materials," listed in Table 678.3, are materials which do not match the standard caption categories listed in Table 678.2. A prioritized listing of exposure assessments is presented in Table 678.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 678.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 678.2 and 678.5.

678.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing material should be labeled under O&M Program.

TABLE 678.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 678, OFFICE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP746	5,N,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	7	-	-	NO
AP747	5,E,BELOW CEILING	FLOOR TILE	RED,OTH,FLOOR TILE,HORIZONTAL	5	-	-	NO
AP748	1, 3,NW,BELOW CEILING	FLOOR TILE	BROWN,OTH,FLOOR TILE,HORIZONTAL	5	-	-	NO
AP749	4, CORRIDOR,S	CEILING BOARD	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AP750	4, CORRIDOR,S,BELOW CEILING	DUPLICATE SAMPLE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
N - North
E - East
S - South
W - West
NE - Northeast
NW - Northwest
SE - Southeast
SW - Southwest

System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DOM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 678.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 678, OFFICE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING	
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"				EQUIPMENT (MSF)	OTHER
1, 3	-	-	-	-	-	-	-	-	-	0.44	-	-	-
2	-	-	-	-	-	-	-	-	-	0.03	-	-	-
4, CORRIDOR	-	-	-	-	-	-	-	-	-	0.67	-	-	-
5	-	-	-	-	-	-	-	-	-	0.05	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	1.19	-	-	-

* Other material present in various units of measure. See Table 678.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 678.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 678, OFFICE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA

MATERIAL TYPE

QUANTITY (UNIT)

NO OTHER ASBESTOS-CONTAINING MATERIAL FOUND IN THIS BUILDING

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

TABLE 678.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 678, OFFICE

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	%
					1	2	3	4	5		
AP749	1, 3	CEILING BOARD	A	0	2	2	1	1	5	40.00	0
AP749	4, CORRIDOR	CEILING BOARD	A	0	2	2	1	1	5	40.00	0

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 678.5

COST ESTIMATE* - BUILDING 678, OFFICE
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	TOTAL
Pipe Fittings (EA)						
<4"	70.30	-	-	-	-	-
4-8"	85.80	-	-	-	-	-
9-14"	147.00	-	-	-	-	-
>14"	216.00	-	-	-	-	-
Pipe Runs (LF)						
<4"	26.50	-	-	-	-	-
4-8"	30.50	-	-	-	-	-
9-14"	42.50	-	-	-	-	-
>14"	60.80	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-	-
Floor Tile (SF)	5.60	2.5	0.2	3.8	0.3	6.6
Boilers/Tanks (SF)	37.90	-	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-	-
Other		-	-	-	-	-
SUBTOTAL		2.5	0.2	3.8	0.3	6.6
Difficulty Allowance		-	-	-	-	-
SUBTOTAL		2.5	0.2	3.8	0.3	6.6
Decontamination Units		0.8	0.8	0.8	0.8	3.1
Mobilization		1.1	1.1	1.1	1.1	4.2
SUBTOTAL		4.3	2.0	5.6	2.1	13.9
Contingency @ 15.00%		0.6	0.3	0.8	0.3	2.1
SUBTOTAL		4.9	2.3	6.4	2.4	16.0
Design Fee @ 6.00%		0.3	0.1	0.4	0.1	1.0
SUBTOTAL		5.2	2.4	6.8	2.5	17.0
Air Monitoring		0.4	0.4	0.4	0.4	1.7
TOTAL		5.7	2.9	7.2	3.0	18.7

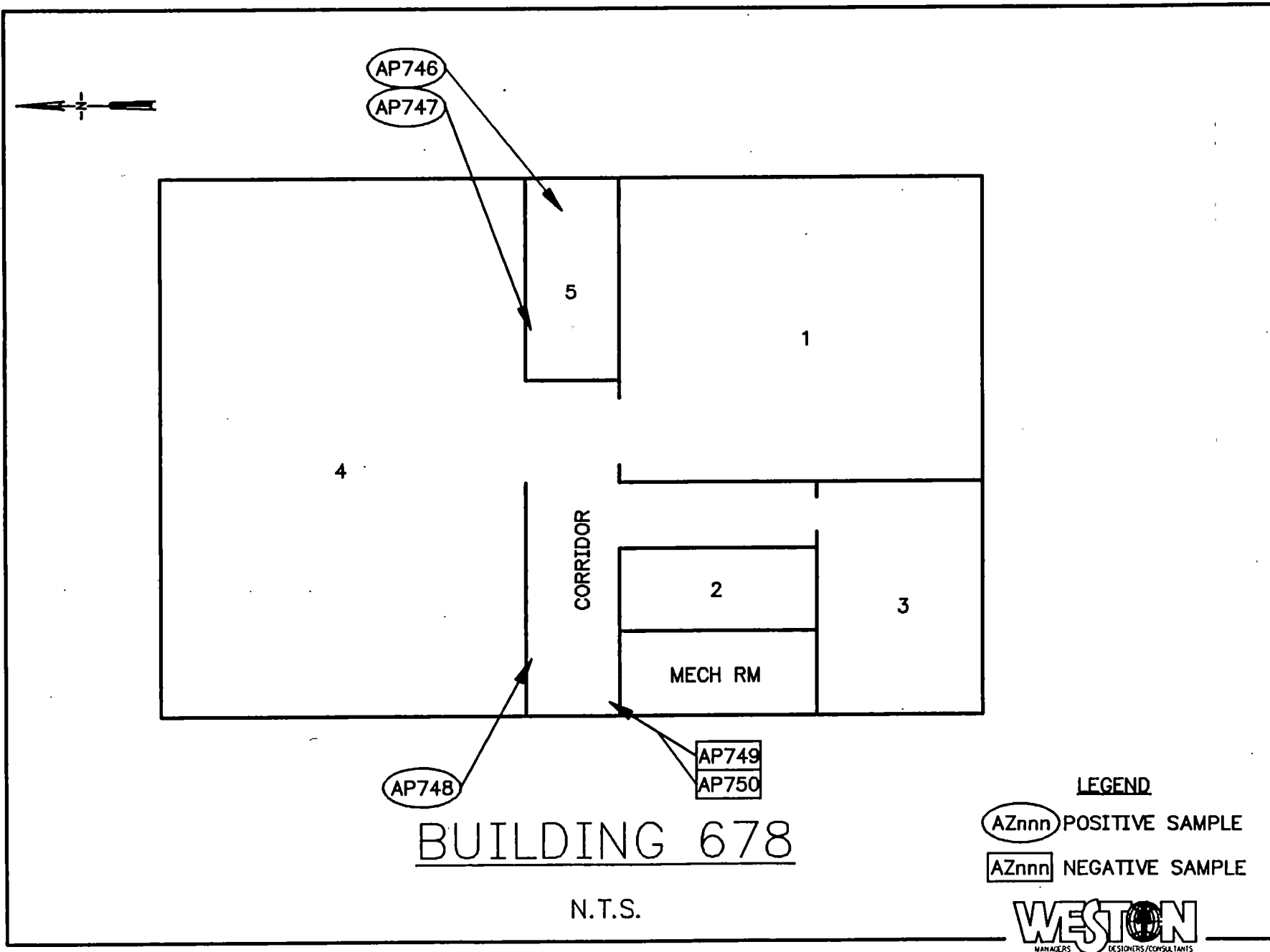
*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: 1, 3
AREA 3: 4, CORRIDOR

AREA 2: 2
AREA 4: 5

678-7



BUILDING 678

N.T.S.

LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE



745

OFFICE BUILDING

745

OFFICE BUILDING

745.1 GENERAL

Building 745 was surveyed by WESTON technicians on 22 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze eight samples of suspect material collected from the building. Of these samples, five were found to be asbestos-containing materials (ACM) and three samples were found to contain less than one percent asbestos. Table 745.1 lists the analytical results for the bulk samples.

745.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 745 are presented in Table 745.1. An area-by-area inventory of ACM is provided in Table 745.2 and 745.3 "Other Asbestos-Containing Materials," listed in Table 745.3, are materials which do not match the standard caption categories listed in Table 745.2. A prioritized listing of exposure assessments is presented in Table 745.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 745.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 745.2 and 745.5.

745.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Asbestos-containing materials should be labeled under O&M Program.

TABLE 745.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 745, OFFICES
TYPE OCCUPANCY: ADULTS (PUBLIC)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AP869	MECH RM, N, BELOW CEILING	OTHER MATERIAL	WHITE, OTH, GASKET, VERTICAL	50	-	-	NO
AP870	MECH RM, N, BELOW CEILING	DUPLICATE SAMPLE	WHITE, OTH, GASKET, VERTICAL	60	-	-	YES
AP872	OUTSIDE WALL, N	TRANSITE PANEL BOARD	OTHER, OTH, TRANSITE, VERTICAL	25	-	-	NO
AP873	RM 102, RM 103, RM 104, N, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	3	-	-	NO
AP874	RM 203, RM 205, C	ACOUSTICAL WALL TILE	BROWN, OTH, CEIL TILE, HORIZONTAL	<1	-	-	NO
AP875	RM 203, RM 205, E, BELOW CEILING	ACOUSTICAL WALL TILE	BROWN, OTH, CEIL TILE, VERTICAL	<1	-	-	NO
AP876	RM 203, RM 205, S, BELOW CEILING	ACOUSTICAL WALL TILE	BROWN, OTH, CEIL TILE, VERTICAL	<1	-	-	NO
AP877	RM 203, RM 205, W, BELOW CEILING	FLOOR TILE	BROWN, OTH, FLOOR TILE, HORIZONTAL	10	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
N - North
E - East
S - South
W - West
NE - Northeast
NW - Northwest
SE - Southeast
SW - Southwest

System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DOM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 745.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 745, OFFICES

TYPE OCCUPANCY: ADULTS (PUBLIC)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROVELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
CORRIDOR 1	-	-	-	-	-	-	-	-	-	0.25	-	-	-
MECH RM	-	-	-	-	-	-	-	-	-	-	-	-	*
OUTSIDE WALL	-	-	-	-	-	-	-	-	-	-	-	-	*
RM 101	-	-	-	-	-	-	-	-	-	0.22	-	-	-
RM 102, RM 103, RM 104	-	-	-	-	-	-	-	-	-	1.61	-	-	-
RM 200, RM 201, RM 202	-	-	-	-	-	-	-	-	-	0.39	-	-	-
RM 203, RM 205	-	-	-	-	-	-	-	-	-	0.88	-	-	*
RM 204	-	-	-	-	-	-	-	-	-	0.52	-	-	-
RM 206	-	-	-	-	-	-	-	-	-	0.06	-	-	-
TOTALS	-	-	-	-	-	-	-	-	-	3.91	-	-	*

* Other material present in various units of measure. See Table 745.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 745.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 745, OFFICES

TYPE OCCUPANCY: ADULTS (PUBLIC)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
MECH RM	GASKET	1 (EA)
OUTSIDE WALL	TRANSITE PANEL BOARD	0.23 (MSF)
RM 203, RM 205	ACOUSTICAL WALL TILE	1.44 (MSF)

EA - Each
 LF - Linear Feet
 MSF - Thousand Square Feet

TABLE 745.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 745, OFFICES

TYPE OCCUPANCY: ADULTS (PUBLIC)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AP874	RM 203, RM 205	ACOUSTICAL WALL TILE	B	1.050E02	2	2	1	1	5	40.00	1
AP875	RM 203, RM 205	ACOUSTICAL WALL TILE	B	1.050E02	2	2	1	1	5	40.00	1
AP876	RM 203, RM 205	ACOUSTICAL WALL TILE	B	1.050E02	2	2	1	1	5	40.00	1
AP869	MECH RM	GASKET	A	7.750E-5	1	1	1	1	1	1.00	50
AP872	OUTSIDE WALL	TRANSITE PANEL BOARD	A	2.750E-5	1	1	1	1	1	1.00	25

Priority Index Codes

A [-] Long Term Corrective Measure

B [-] Review Management Special Considerations/Remarks

C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability

2 [-] Occupant Accessibility

3 [-] Material Condition

4 [-] Level Of Activity

5 [-] Number Of Assigned Occupants

TABLE 745.5

COST ESTIMATE* - BUILDING 745, OFFICES
TYPE OCCUPANCY: ADULTS (PUBLIC)

DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	AREA 8	AREA 9	TOTAL
Pipe Fittings (EA)											
<4"	70.30	-	-	-	-	-	-	-	-	-	-
4-8"	85.80	-	-	-	-	-	-	-	-	-	-
9-14"	147.00	-	-	-	-	-	-	-	-	-	-
>14"	216.00	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)											
<4"	26.50	-	-	-	-	-	-	-	-	-	-
4-8"	30.50	-	-	-	-	-	-	-	-	-	-
9-14"	42.50	-	-	-	-	-	-	-	-	-	-
>14"	60.80	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	9.60	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.60	1.4	-	-	1.2	9.0	2.2	4.9	2.9	0.3	21.9
Boilers/Tanks (SF)	37.90	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	20.00	-	-	-	-	-	-	-	-	-	-
Other		-	0.2	2.5	-	-	-	15.8	-	-	18.5
SUBTOTAL		1.4	0.2	2.5	1.2	9.0	2.2	20.7	2.9	0.3	40.4
Difficulty Allowance		-	-	-	-	-	-	2.5	1.4	-	3.9
SUBTOTAL		1.4	0.2	2.5	1.2	9.0	2.2	23.2	4.3	0.3	44.3
Decontamination Units		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	6.2
Mobilization		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4.2
SUBTOTAL		2.5	1.3	3.7	2.4	10.2	3.3	24.3	5.5	1.5	54.7
Contingency @ 15.00%		0.4	0.2	0.6	0.4	1.5	0.5	3.6	0.8	0.2	8.2
SUBTOTAL		2.9	1.5	4.2	2.7	11.7	3.8	28.0	6.3	1.7	62.9
Design Fee @ 6.00%		0.2	**	0.3	0.2	0.7	0.2	1.7	0.4	0.1	3.8
SUBTOTAL		3.1	1.6	4.5	2.9	12.4	4.1	29.6	6.7	1.8	66.7
Air Monitoring		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	6.7
TOTAL		3.8	2.3	5.2	3.6	13.1	4.8	30.4	7.4	2.5	73.3

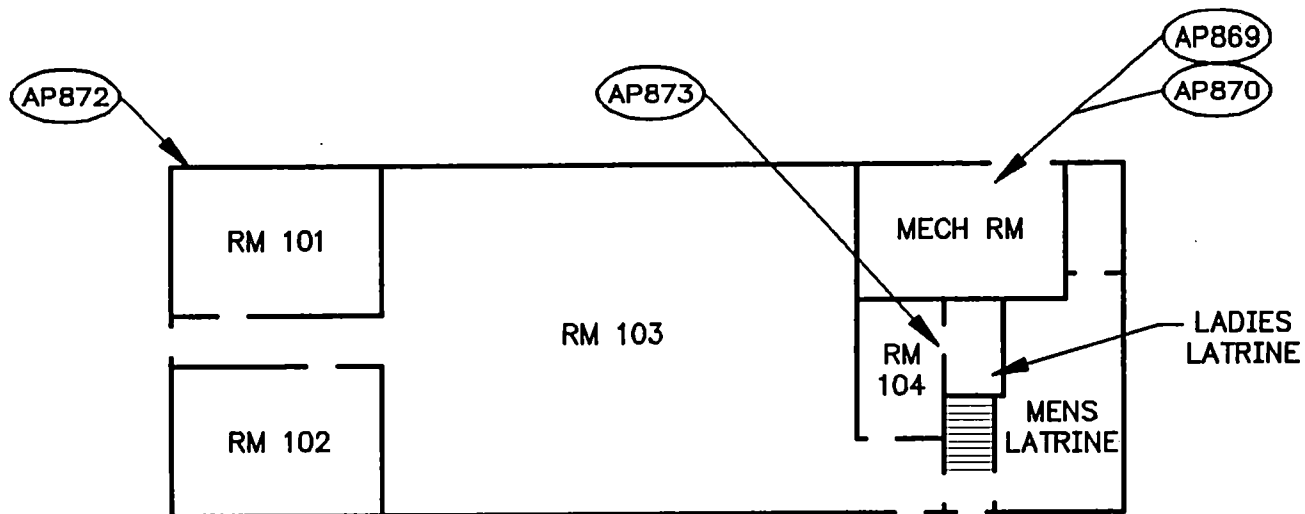
*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: CORRIDOR 1
AREA 3: OUTSIDE WALL
AREA 5: RM 102, RM 103, RM 104
AREA 7: RM 203, RM 205
AREA 9: RM 206

AREA 2: MECH RM
AREA 4: RM 101
AREA 6: RM 200, RM 201, RM 202
AREA 8: RM 204

745-7



BUILDING 745, FIRST FLOOR

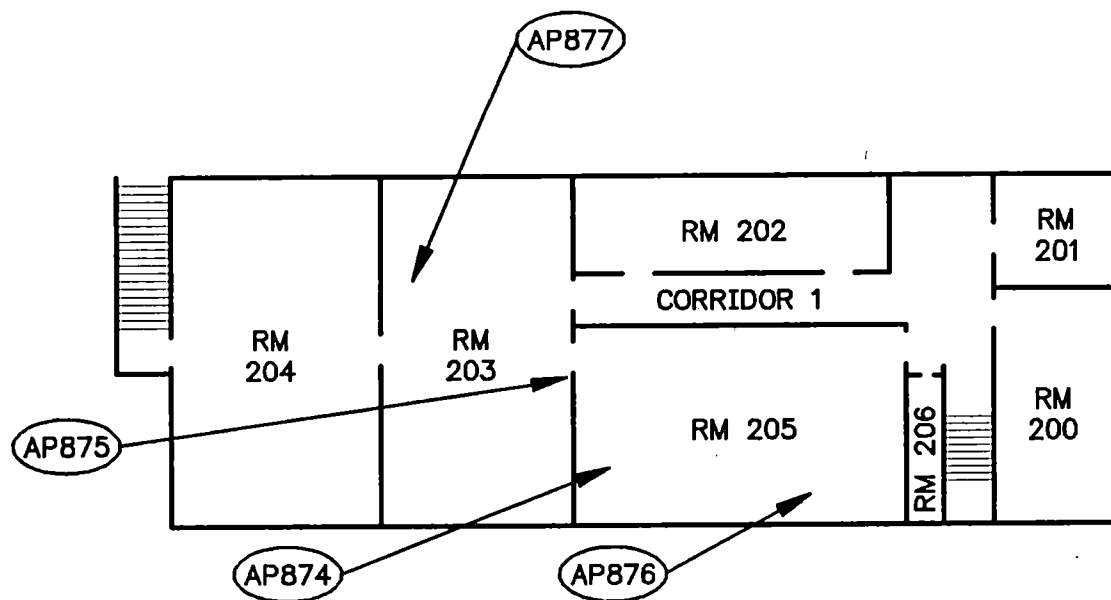
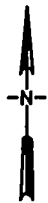
N.T.S.

LEGEND

(AZnnn) POSITIVE SAMPLE

[AZnnn] NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS



BUILDING 745, SECOND FLOOR

N.T.S.

LEGEND

AZnnn POSITIVE SAMPLE

AZnnn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

747

OFFICE BUILDING

747

OFFICE BUILDING

747.1 GENERAL

Building 747 was surveyed by WESTON technicians on 23 January 1990.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze two samples of suspect material collected from the building. No sample was found to be asbestos-containing material (ACM). Table 747.1 lists the analytical results for the bulk samples.

747.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 747 are presented in Table 747.1. An area-by-area inventory of ACM is provided in Table 747.2 and 747.3 "Other Asbestos-Containing Materials," listed in Table 747.3, are materials which do not match the standard caption categories listed in Table 747.2. A prioritized listing of exposure assessments is presented in Table 747.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 747.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 747.2 and 747.5.

747.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o No asbestos-containing material was detected in this building.

TABLE 747.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 747, OFFICES
 TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AU620	HALLWAY, N, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AU621	CONFERENCE ROOM, SE, BELOW CEILING	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
 N - North
 E - East
 S - South
 W - West
 NE - Northeast
 NW - Northwest
 SE - Southeast
 SW - Southwest

System Codes

STM - Steam
 CHW - Chilled Water
 HHW - Heating Hot Water
 DOM - Domestic Water
 OTH - Other
 UNK - Unknown

Asbestos Types

CH - Chrysotile
 AM - Amosite
 OT - Other

TABLE 747.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 747, OFFICES

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROVELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					

No Asbestos Containing Material Detected In This Building

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

BUILDING 909

TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)

TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)

909.1 GENERAL

Building 909 was surveyed by WESTON technicians on 16 November 1989.

The first three portions of this facility report summarize the results of this inspection.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze 17 samples of suspect material collected from the building. Of these samples, 12 were found to be asbestos-containing materials (ACM). Table 909.1 lists the analytical results for the bulk samples.

909.2 ACM AND EXPOSURE ASSESSMENT

The location, description, and analytical results for each bulk sample from Building 909 are presented in Table 909.1. An area-by-area inventory of ACM is provided in Tables 909.2 and 909.3. A prioritized listing of exposure assessments is presented in Table 909.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 909.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 909.2 and 909.5.

909.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Remove and replace the sprayed-on fire proofing in the northeast section of the HVAC Room.
- o Remove and replace expansion joints in the HVAC ductwork in the HVAC Room.
- o Initiate actions to restrict further physical damage to the exterior transite siding on the north and northeast walls of the building.
- o Floor tile and exterior transite siding to be monitored by an O&M Program.

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ASBESTOS CONSULTANCY SERVICE INC.



NEW JERSEY: THE HOLIDAY BUILDING 121 STATE HIGHWAY 36 WEST LONG BRANCH NEW JERSEY 07764
PHONE: 201 571 1400 FAX: 201 571 3328

VIRGINIA: SUITE 204 6095 INDIAN RIVER ROAD VIRGINIA BEACH VIRGINIA 23464
PHONE: 804 420 7200 FAX: 804 523 6476

BULK ASBESTOS ANALYSIS REPORT

DATE OF REPORT:

3/28/90

REPORT NO:

B994 / Sample 1 of 1

CLIENT:

E-SYSTEMS INCORPORATED
P.O. BOX 360
FORT MONMOUTH NJ 07703

SAMPLE LOCATION:

P.O. #MO-2021

SAMPLE ID:

C90-262

Bldg. 909 Bulk Sample from ceiling.

The sample was homogeneous.

SAMPLE COLOR:

BROWN GREY

Sample does not contain asbestos.

FIBROUS CONTENT:

CELLULOSE

90%

Sample chain of custody was complete.

LABORATORY DIRECTOR:

DR. R J Willey BSc PhD MInstP MBOHS MIOSH

APPROVED SIGNATORY:

B. MONROE

LABORATORY NVLAP CODE:

1543

This report relates only to the material tested. It should only be reproduced in full, with the written approval of Asbestos Consultancy Service. It should not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

All samples analyzed are retained for a period of 6 months prior to disposal.

All samples are analyzed by E.P.A. Method EPA 600/M4-82-020 Dec 1982.

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TABLE 909.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 0909, CLASSROOMS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ112	MENS RESTROOM, E, BELOW CEILING	FLOOR TILE	WHITE, OTH, FLOOR TILE, HORIZONTAL	1	-	-	NO
AZ113	MENS RESTROOM, NW, BELOW CEILING	DUPLICATE SAMPLE	WHITE, OTH, FLOOR TILE, HORIZONTAL	7	-	-	NO
AZ114	LADIES RESTROOM, W, BELOW CEILING	FLOOR TILE	WHITE, OTH, FLOOR TILE, HORIZONTAL	1	-	-	NO
AZ115	ATTIC NORTH, N, ABOVE CEILING	SPRAYED/TROWELED MATERIAL	BROWN, OTH, SPRAY-ON	-	-	-	NO
AZ116	ATTIC WEST, W, ABOVE CEILING	SPRAYED/TROWELED MATERIAL	BROWN, OTH, SPRAY-ON	-	-	-	NO
AZ117	ATTIC EAST, E, ABOVE CEILING	SPRAYED/TROWELED MATERIAL	BROWN, OTH, SPRAY-ON	-	-	-	NO
AZ118	ATTIC SOUTH, S, ABOVE CEILING	SPRAYED/TROWELED MATERIAL	BROWN, OTH, SPRAY-ON	-	-	-	NO
AZ119	ATTIC S/W, SW, ABOVE CEILING	SPRAYED/TROWELED MATERIAL	BROWN, OTH, SPRAY-ON	-	-	-	NO
AZ120	OUTSIDE WALL NORTH, N	TRANSITE CORRUGATED PANELS	GRAY, OTH, TRANSITE, VERTICAL	30	-	-	NO
AZ121	OUTSIDE WALL WEST, W	TRANSITE CORRUGATED PANELS	GRAY, OTH, TRANSITE, VERTICAL	20	-	-	NO
AZ122	OUTSIDE WALL EAST, E	TRANSITE CORRUGATED PANELS	GRAY, OTH, TRANSITE, VERTICAL	20	-	-	YES
AZ123	OUTSIDE WALL EAST, E	TRANSITE CORRUGATED PANELS	GRAY, OTH, TRANSITE, VERTICAL	25	-	-	NO
AZ124	OUTSIDE WALL S/W, SW	TRANSITE CORRUGATED PANELS	GRAY, OTH, TRANSITE, VERTICAL	25	-	-	YES
AZ125	OUTSIDE WALL SOUTH, S	TRANSITE CORRUGATED PANELS	GRAY, OTH, TRANSITE, VERTICAL	15	-	-	YES
AZ126	OUTSIDE WALL N/E, NE	TRANSITE CORRUGATED PANELS	GRAY, OTH, TRANSITE, VERTICAL	15	-	-	YES
AZ127	HVAC RM N/W, NE, BELOW CEILING	SPRAYED/TROWELED MATERIAL	WHITE, OTH, TROWEL-ON	40	-	-	NO
AZ128	HVAC EXPANSION HVACR, C, BELOW CEILING	EXPANSION JOINT (S)	WHITE, OTH, EXP JOINT	25	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.Quadrant Codes

C = Center
 N = North
 E = East
 S = South
 W = West
 NE = Northeast
 NW = Northwest
 SE = Southeast
 SW = Southwest

System Codes

STM = Steam
 CHW = Chilled Water
 HHW = Heating Hot Water
 DOM = Domestic Water
 OTH = Other
 UNK = Unknown

Asbestos Types

CH = Chrysotile
 AM = Amosite
 OT = Other

TABLE 909.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 909, CLASSROOMS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ127	HVAC RM N/W	SPRAYED/TROWELED MATERIAL	C	9.400E04	3	3	2	3	2	4.00	40
AZ120	OUTSIDE WALL NORTH	TRANSITE CORRUGATED PANELS	C	1.760E04	2	3	1	3	8	8.00	30
AZ126	OUTSIDE WALL N/E	TRANSITE CORRUGATED PANELS	C	1.760E04	2	3	1	3	8	8.00	15
AZ128	HVAC EXPANSION HVACR	EXPANSION JOINTS	C	1.240E04	3	2	2	3	2	4.00	25
AZ121	OUTSIDE WALL WEST	TRANSITE CORRUGATED PANELS	A	5.280E01	1	3	1	3	8	8.00	20
AZ122	OUTSIDE WALL EAST	TRANSITE CORRUGATED PANELS	A	5.280E01	1	3	1	3	8	8.00	20
AZ123	OUTSIDE WALL EAST	TRANSITE CORRUGATED PANELS	A	5.280E01	1	3	1	3	8	8.00	25
AZ124	OUTSIDE WALL S/W	TRANSITE CORRUGATED PANELS	A	5.280E01	1	3	1	3	8	8.00	25
AZ125	OUTSIDE WALL SOUTH	TRANSITE CORRUGATED PANELS	A	5.280E01	1	3	1	3	8	8.00	15
AZ115	ATTIC NORTH	SPRAYED/TROWELED MATERIAL	A	0	3	2	2	3	8	8.00	0
AZ116	ATTIC WEST	SPRAYED/TROWELED MATERIAL	A	0	3	2	1	3	8	8.00	0
AZ117	ATTIC EAST	SPRAYED/TROWELED MATERIAL	A	0	3	2	1	3	8	8.00	0
AZ118	ATTIC SOUTH	SPRAYED/TROWELED MATERIAL	A	0	3	2	2	3	8	8.00	0
AZ119	ATTIC S/W	SPRAYED/TROWELED MATERIAL	A	0	3	2	2	3	8	8.00	0

Priority Index Codes

A [-] Long Term Corrective Measure
 B [-] Review Management Special Considerations/Remarks
 C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
 2 [-] Occupant Accessibility
 3 [-] Material Condition
 4 [-] Level Of Activity
 5 [-] Number Of Assigned Occupants

TABLE 909.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 909, CLASSROOMS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
HVAC EXPANSION HVACR	-	-	-	-	-	-	-	-	-	-	-	-	*
HVAC RM N/W	-	-	-	-	-	-	-	-	0.50	-	-	-	-
LADIES RESTROOM	-	-	-	-	-	-	-	-	-	0.27	-	-	-
MENS RESTROOM	-	-	-	-	-	-	-	-	-	0.27	-	-	-
OUTSIDE WALL EAST	-	-	-	-	-	-	-	-	-	-	-	-	*
OUTSIDE WALL N/E	-	-	-	-	-	-	-	-	-	-	-	-	*
OUTSIDE WALL NORTH	-	-	-	-	-	-	-	-	-	-	-	-	*
OUTSIDE WALL S/W	-	-	-	-	-	-	-	-	-	-	-	-	*
OUTSIDE WALL SOUTH	-	-	-	-	-	-	-	-	-	-	-	-	*
OUTSIDE WALL WEST	-	-	-	-	-	-	-	-	-	-	-	-	*
TOTALS	-	-	-	-	-	-	-	-	0.50	0.53	-	-	*

* Other material present in various units of measure. See Table 909.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 909.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 909, CLASSROOMS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITY (UNIT)
HVAC EXPANSION HVACR	EXPANSION JOINTS	3 (EA)
OUTSIDE WALL EAST	TRANSITE CORRUGATED PANELS	2.000 (MSF)
OUTSIDE WALL N/E	TRANSITE CORRUGATED PANELS	0.700 (MSF)
OUTSIDE WALL NORTH	TRANSITE CORRUGATED PANELS	1.000 (MSF)
OUTSIDE WALL S/W	TRANSITE CORRUGATED PANELS	1.000 (MSF)
OUTSIDE WALL SOUTH	TRANSITE CORRUGATED PANELS	1.000 (MSF)
OUTSIDE WALL WEST	TRANSITE CORRUGATED PANELS	1.000 (MSF)

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

TABLE 909.5

COST ESTIMATE* - BUILDING 909, CLASSROOMS

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

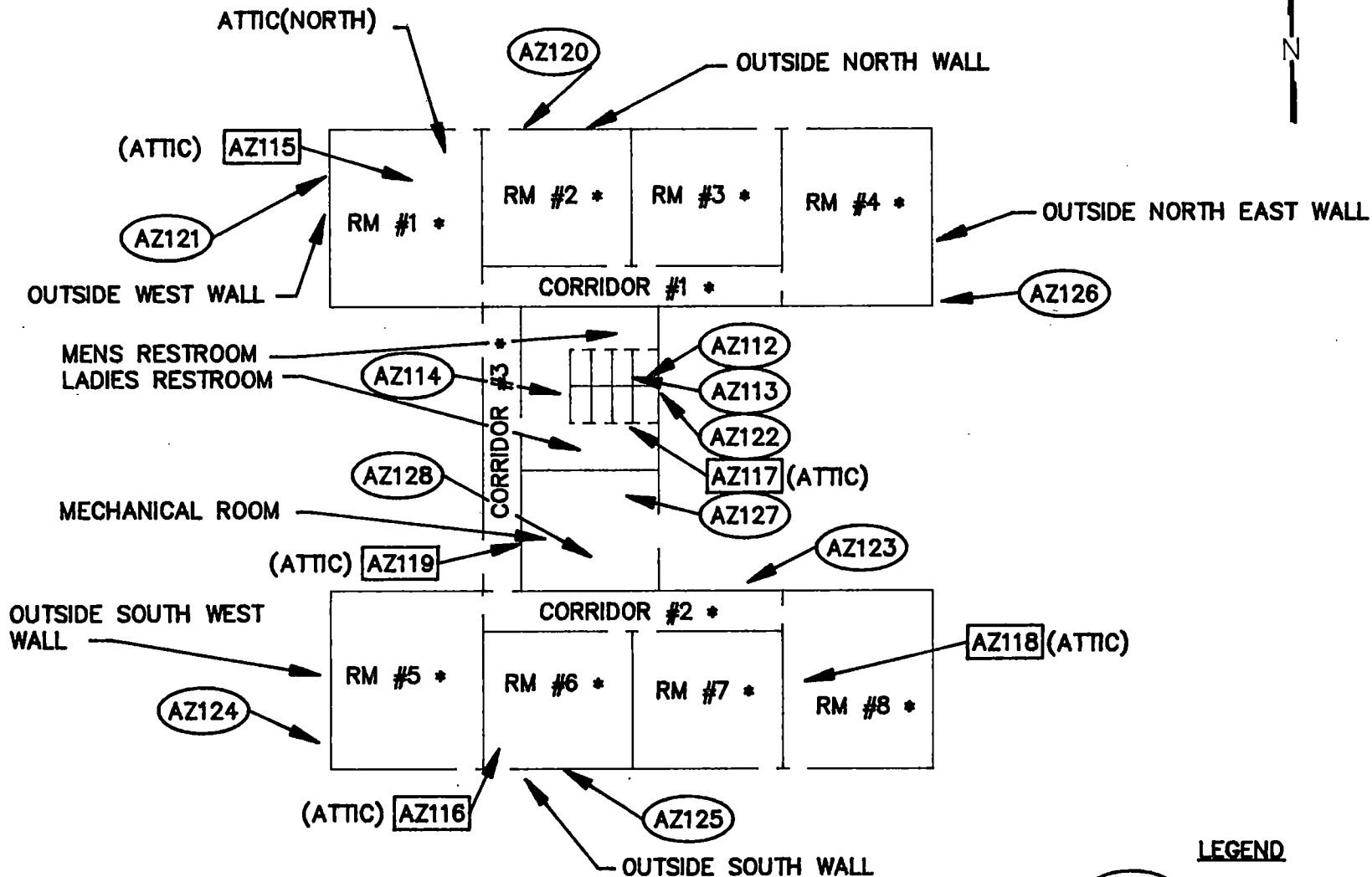
DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	AREA 8	AREA 9	AREA 10	TOTAL
Pipe Fittings (EA)												
<4"	36.39	-	-	-	-	-	-	-	-	-	-	-
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	-	-	-	-	-	-	-	-	-	-	-
4-8"	18.49	-	-	-	-	-	-	-	-	-	-	-
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	5.0	-	-	-	-	-	-	-	-	5.0
Floor Tile (SF)	5.33	-	-	1.4	1.4	-	-	-	-	-	-	2.8
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		0.7	-	-	-	13.1	1.3	6.6	6.6	6.6	6.6	41.3
SUBTOTAL		0.7	5.0	1.4	1.4	13.1	1.3	6.6	6.6	6.6	6.6	49.2
Difficulty Allowance		1.7	17.5	-	-	-	-	-	-	-	-	19.2
SUBTOTAL		2.4	22.5	1.4	1.4	13.1	1.3	6.6	6.6	6.6	6.6	68.4
Decontamination Units		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	6.2
Mobilization		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4.2
SUBTOTAL		3.4	23.6	2.5	2.5	14.2	2.4	7.6	7.6	7.6	7.6	78.8
Contingency @ 15.00%		0.5	3.5	0.4	0.4	2.1	0.4	1.1	1.1	1.1	1.1	11.8
SUBTOTAL		3.9	27.1	2.8	2.8	16.3	2.7	8.7	8.7	8.7	8.7	90.6
Design Fee @ 6.00%		0.2	1.6	0.2	0.2	1.0	0.2	0.5	0.5	0.5	0.5	5.4
SUBTOTAL		4.1	28.7	3.0	3.0	17.3	2.9	9.3	9.3	9.3	9.3	96.0
Air Monitoring		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.6
TOTAL		5.1	29.7	3.9	3.9	18.2	3.8	10.2	10.2	10.2	10.2	105.6

* Amounts Are In Thousands Of Dollars

** Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: HVAC EXPANSION HVACR
 AREA 3: LADIES RESTROOM
 AREA 5: OUTSIDE WALL EAST
 AREA 7: OUTSIDE WALL NORTH
 AREA 9: OUTSIDE WALL SOUTH

AREA 2: HVAC RM N/W
 AREA 4: MENS RESTROOM
 AREA 6: OUTSIDE WALL N/E
 AREA 8: OUTSIDE WALL S/W
 AREA 10: OUTSIDE WALL WEST



* NAMES DESIGNATED - DO NOT APPEAR ON ORIGINAL DRAWING.

BUILDING 909

N.T.S.

LEGEND

- (AZnnn) POSITIVE SAMPLE
- [AZnnn] NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS

BUILDING 1075

PATTERSON HOSPITAL

1075
PATTERSON HOSPITAL

1075.1 GENERAL

Patterson Hospital was surveyed by WESTON technicians on 13 November 1989 through 14 December 1989.

Polarized Light Microscopy (PLM) with dispersion staining was used to analyze 157 samples of suspect material collected from the building. Of these samples, 70 were found to be asbestos-containing materials (ACM). Table 1075.1 lists the analytical results for the bulk samples.

1075.2 ACM AND EXPOSURE ASSESSMENT

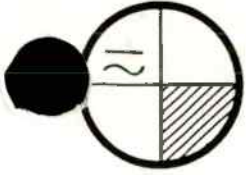
The location, description, and analytical results for each bulk sample from Building 1075 are presented in Table 1075.1. An area-by-area inventory of ACM is provided in Tables 1075.2 and 1075.3. A prioritized listing of exposure assessments is presented in Table 1075.4. An itemized area-by-area cost estimate for removal and replacement is provided in Table 1075.5. The method by which removal/replacement costs are calculated is described in the ISSUES COMMON TO ALL BUILDINGS Section of this report. Building floor plans (see attachment) indicate sample locations and building area names as they are listed in Tables 1075.2 and 1075.5.

1075.3 RECOMMENDATIONS/CONCLUSIONS

WESTON recommends:

- o Army Asbestos Deficiency Abatement Project (AADAP) be performed in Boiler Room, Boiler Room Tunnel, and 20 individual rooms in the basement.
- o Basement rooms to be included in AADAP are 1, 2, 3, 4, 6, 7, 8, 9, 10, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, and 24.

ASBESTOS CONSULTANCY SERVICE INC.



NEW JERSEY: THE HOLIDAY BUILDING 121 STATE HIGHWAY 36 WEST LONG BRANCH NEW JERSEY 07764
 PHONE: 201 571 1400 FAX: 201 571 3328

VIRGINIA: SUITE 204 6095 INDIAN RIVER ROAD VIRGINIA BEACH VIRGINIA 23464
 PHONE: 804 420 7200 FAX: 804 523 6476

DATE: 2/14/90
 BATCH: A1632
 SAMPLED BY: E-SYSTEMS INC.

CUSTOMER: E-SYSTEMS INC.
 SITE: P.O. #MC-1491

AIR MONITORING TEST RESULTS

CERTIFICATE OF ANALYSIS

DATE	VOLUME	SAMPLE LOCATION	FIBERS/CC
2/9/90	2161 L	#C90-220 Bldg. 292 Pre-test	<0.010
2/9/90	BLANK	#C90-221 Bldg. 292 Blank	1/100
2/9/90	2081 L	#C90-222 Bldg. 1075 Pre-test	<0.010
2/9/90	BLANK	#C90-223 Bldg. 1075 Blank	2/100
2/13/90	2694 L	#C90-224 Bldg. 2525 Pre-test	<0.010
2/13/90	BLANK	#C90-225 Bldg. 2525 Blank	1/100
2/13/90	2607 L	#C90-226 Bldg. 292 Post-test	<0.010
2/13/90	BLANK	#C90-227 Bldg. 292 Blank	1/100
2/13/90	2161 L	#C90-228 Bldg. 2525 Post-test	<0.010
2/13/90	BLANK	#C90-229 Bldg. 2525 Blank	2/100

END OF RESULTS

LABORATORY RELATIVE STANDARD DEVIATION = 0.45

MICROSCOPE: MELJI, POSITIVE PHASE CONTRAST, S/N 10087

AIRBORNE ANALYSIS BY NIOSH METHOD NO. 7400 - NIOSH PAT LEE NO: 07764-001

DR. R. J. WILLEY, BSc PhD MInstP MBOSH MIOSH

PP

[Signature]
 PAGE 1 OF 1

INDUSTRIAL HYGIENE AIR SAMPLE DATA

For use of this form see USAEHA TG 141; the proponent is HSHB-L0.

Return Address (complete address including Zip Code)

E-Systems, Inc. /SAI

Point of Contact (name/AUTOVON)

Joe Fallon 532-4359

Associated Bulk Samples

☐ Yes ☒ No

Bulk Sample No(s):

Samples Collected By

Frank Conta + R.C.

Date Collected

8 Feb. 90

Date Shipped

14 Feb 90

Project Number

Sampled Installation

Fort Monmouth

ARLOC

☐ ☐ ☐ ☐ ☐

Location (BLDG/AREA)

Bldg. 1075

Description of Operation (details on reverse)

Hospital Basement

☐ Persons Exposed ☐ Hrs/Day

Method of Collection 2" Conductive Cowl (Blank)

8 ~~1/2~~ Filter 25 mm Open Face

Associated Complaints (be specific) (state NONE if applicable)

Analysis Desired

Sampling Data

Sample No.	C90-222						C90-223	
Pump No.	07193						B	B
Time On	1150						L	L
Time Off	315						A	A
Total Time (min)	205						N	N
Flow Rate (LPM)	10.15						K	K
Volume (Liters)	2081							
GA/BZ	GA							
Employee Name/ID								
Laboratory No.								

Results

Comments to Lab:

Pre-Abatement Sample

Lab Use Only

Analyst (initials)

Reviewed By (initials)

Date Received

Date Dispatched

Calibration Information				
Pump No.	Calibration (L/min)		Rotometer Setting	Date
	Pre-Use	Post-Use		
07193	10.15			8 Feb. 90

Name of Calibrator

Calibrator PND-800268

Operation

Source of Contaminant:

Operation Employee(s) Perform:

Ventilation: ☐ Local Exhaust ☐ General Area ☐ None

Personal Protective Equipment (check if worn)

☐ Respiratory Protective Equipment Type: _____

☐ Protective Clothing Type: _____

☐ Gloves Type: _____

☐ Goggles/Face Shield

☐ Ear Protection

☐ Other: _____

Field Notes/Additional Comments

Filter Lot No 9226279



Northeastern Analytical Corp.

BULK SAMPLE ANALYSIS REPORT

CLIENT: E-Systems, Inc.

NAC #: 89A-2424

Wall Board
Hospital Basement

Ceiling material
Hospital Basement

SAMPLE DESCRIPTION AND LOCATION:	C89 - 215 <i>Rooms 14 + 16</i>	C89 - 216 <i>Rooms 14 + 16</i>	
SAMPLE NUMBER:	89A-2424-1	89A-2424-2	
ASBESTOS:			
Chrysotile	28 - 32%	ND	
Amosite	ND	ND	
Crocidolite	ND	ND	
Other	ND	ND	
NON-ASBESTOS:			
Cellulose	5 - 8%	3 - 4%	
Fibrous Glass		<1%	
Quartz			
Binders	BALANCE	BALANCE	
Calcite	25 - 30%	35 - 40%	
Perlite			
Vermiculite			
Synthetic Fibers			
Gypsum			
Mica			
Talc			
Other			

ANALYST:

DATE: 12/20/89

ND: NONE DETECTED. Detection Limit: 1% EPA defines Asbestos-Containing Materials (ACM) as those containing greater than 1% asbestos.

Methodology: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", 40 CFR Chapter I (1-1-87) Part 763, Subpart F, Appendix A.



Northeastern Analytical Corp.

1075
2

BULK SAMPLE ANALYSIS REPORT

TEST REPORT NO. NAC89A-2230

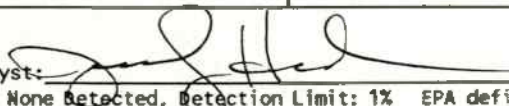
CLIENT: E-Systems, Inc./SAI

JOB SITE:

Hospital Basement

Hospital Basement Rm 110

SAMPLE LOCATION	Rm 110 Floor Tile: Tan/Brown C89-181	Floor Tile: Black Border C89-182
SAMPLE NUMBER	NAC89A-2230-1	NAC89A-2230-2
ASBESTOS		
1. CHRYSOTILE	ND	2 - 4%
2. AMOSITE	ND	ND
3. CROCIDOLITE	ND	ND
4. OTHER	ND	ND
NON-ASBESTOS		
1. Cellulose	<1%	<1%
2. Fibrous Glass		
3. Perlite		
4. Vermiculite		
5. Quartz		5 - 10%
6. Binders	BALANCE	BALANCE
7. Mica		
8. Synthetic Fibers		
9. Gypsum		
10. Talc		
11. Calcite	35 - 40%	35 - 40%
12. Other		

Analyst: 

Date Analyzed: 10/18/89

ND: None Detected, Detection Limit: 1% EPA defines Asbestos-Containing Materials (ACM) as those containing greater than 1% asbestos.

Laboratory Accreditation: NVLAP LAB Code 1333

Methodology: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples," 40 CFR Chapter I (1-1-87) Part 763, Subpart F, Appendix A.



Northeastern Analytical Corp.

1075

3

BULK SAMPLE ANALYSIS REPORT

TEST REPORT NO. NAC89A-2230

CLIENT: E-Systems, Inc./SAI

JOB SITE:

Hospital Basement Rm16 Hospital Basement Rm14

SAMPLE LOCATION	Floor Tile: Red C89-183	Floor Tile: Red/White C89-184
SAMPLE NUMBER	NAC89A-2230-3	NAC89A-2230-4
ASBESTOS		
1. CHRYSOTILE	5 - 10%	ND
2. AMOSITE	ND	ND
3. CROCIDOLITE	ND	ND
4. OTHER	ND	ND
NON-ASBESTOS		
1. Cellulose	<1%	<1%
2. Fibrous Glass		
3. Perlite		
4. Vermiculite		
5. Quartz	3 - 5%	1 - 3%
6. Binders	BALANCE	BALANCE
7. Mica		
8. Synthetic Fibers		
9. Gypsum		
10. Talc		
11. Calcite	45 - 50%	60 - 65%
12. Other		

Analyst:

Date Analyzed: 10/18/89

ND: None Detected, Detection Limit: 1% EPA defines Asbestos-Containing Materials (ACM) as those containing greater than 1% asbestos.

Laboratory Accreditation: NVLAP LAB Code 1333

Methodology: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples," 40 CFR Chapter I (1-1-87) Part 763, Subpart F, Appendix A.



Northeastern Analytical Corp.

1075

4

BULK SAMPLE ANALYSIS REPORT

TEST REPORT NO. NAC89A-2230

CLIENT: E-Systems, Inc./SAI

JOB SITE:

Hospital Basement Rm 14

SAMPLE LOCATION	Floor Tile: Red C89-185	
SAMPLE NUMBER	NAC89A-2230-5	
ASBESTOS		
1. CHRYSOTILE	5 - 10%	
2. AMOSITE	ND	
3. CROCIDOLITE	ND	
4. OTHER	ND	
NON-ASBESTOS		
1. Cellulose	<1%	
2. Fibrous Glass		
3. Perlite		
4. Vermiculite		
5. Quartz	3 - 5%	
6. Binders	BALANCE	
7. Mica		
8. Synthetic Fibers		
9. Gypsum		
10. Talc		
11. Calcite	50 - 55%	
12. Other		

Analyst: 

Date Analyzed: 10/18/89

ND: None Detected, Detection Limit: 1% EPA defines Asbestos-Containing Materials (ACM) as those containing greater than 1% asbestos.

Laboratory Accreditation: NVLAP LAB Code 1333

Methodology: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples," 40 CFR Chapter I (1-1-87) Part 763, Subpart F, Appendix A.

TABLE 1075.1

BULK SAMPLE ANALYSIS RESULTS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ198	3RD FL RM 3B27, E, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	6	-	-	YES
AZ199	3RD FL RM 3A3, NE, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	5	-	-	NO
AZ200	2ND FL HALLWAY 2C34, W, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	3	-	-	NO
AZ201	2ND FL LOBBY 2A3, N, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	7	-	-	NO
AZ202	2ND FL RM 2B27, NE, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	5	-	-	NO
AZ203	1ST FL HALLWAY 1A50, NW, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	5	-	-	NO
AZ204	BASEMENT, E, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	7	-	-	NO
AZ205	3RD FL 3A5 CORRIDOR, N, BELOW CEILING	FLOOR TILE	GREEN, OTH, FLOOR TILE	7	-	-	NO
AZ206	1ST FL RM 1A21, N, BELOW CEILING	FLOOR TILE	GREEN, OTH, FLOOR TILE	15	-	-	NO
AZ207	1ST FL RM 1A26, N, BELOW CEILING	FLOOR TILE	GREEN, OTH, FLOOR TILE	12	-	-	NO
AZ208	1ST FL CAFE 1B30, S, BELOW CEILING	FLOOR TILE	WHITE, OTH, FLOOR TILE	5	-	-	NO
AZ209	1ST FL RM 1B28, E, BELOW CEILING	FLOOR TILE	WHITE, OTH, FLOOR TILE	4	-	-	NO
AZ210	1ST FL RM 1A13, N, BELOW CEILING	FLOOR TILE	WHITE, OTH, FLOOR TILE	5	-	-	NO
AZ211	BASEMENT RM 2 NORTH, N, BELOW CEILING	FLOOR TILE	WHITE, OTH, FLOOR TILE	5	-	-	NO
AZ212	BASEMENT RM 2 SOUTH, S, BELOW CEILING	FLOOR TILE	WHITE, OTH, FLOOR TILE	4	-	-	NO
AZ213	1ST FL LOBBY 1A89, NE, BELOW CEILING	FLOOR TILE	YELLOW, OTH, FLOOR TILE	-	-	-	NO
AZ214	1ST FL NURSE STATION, SE, BELOW CEILING	FLOOR TILE	YELLOW, OTH, FLOOR TILE	-	-	-	NO
AZ215	1ST FL RM 1A94, W, BELOW CEILING	FLOOR TILE	YELLOW, OTH, FLOOR TILE	-	-	-	NO
AZ216	1ST FL RM 1A107, NE, BELOW CEILING	FLOOR TILE	YELLOW, OTH, FLOOR TILE	-	-	-	NO
AZ217	1ST FL HALLWAY 1A98, W, BELOW CEILING	FLOOR TILE	YELLOW, OTH, FLOOR TILE	-	-	-	NO
AZ218	1ST FL WOMEN RR 1A5, S, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	7	-	-	NO
AZ219	1ST FL RM 1B22, NE, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	7	-	-	NO
AZ220	BASEMENT RM 16, SW, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	3	-	-	NO
AZ221	BASEMENT RM 14 SOUTH, S, BELOW CEILING	FLOOR TILE	TAN, OTH, FLOOR TILE	5	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.Quadrant Codes

C = Center
 N = North
 E = East
 S = South
 W = West
 NE = Northeast
 NW = Northwest
 SE = Southeast
 SW = Southwest

System Codes

STM = Steam
 CHW = Chilled Water
 HHW = Heating Hot Water
 DOM = Domestic Water
 OTH = Other
 UNK = Unknown

Asbestos Types

CH = Chrysotile
 AM = Amosite
 OT = Other

TABLE 1075.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ222	BASEMENT RM 14 NORTH,NW,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	1	-	-	NO
AZ223	1ST FL RM 1A06,N,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	3	-	-	NO
AZ224	1ST FL HALLWAY 1A076,N,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	5	-	-	NO
AZ225	1ST FL RM 1A027,NE,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	10	-	-	NO
AZ226	1ST FL HALLWAY 1A078,E,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	3	-	-	NO
AZ227	1ST FL RM 1A0159,SE,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	5	-	-	NO
AZ228	1ST FL RM 1A0121,S,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	10	-	-	NO
AZ229	1ST FL EMERG 1A0142,SW,BELOW CEILING	FLOOR TILE	TAN,OTH,FLOOR TILE	7	-	-	NO
AZ230	1ST FL RM 1A25,W,BELOW CEILING	FLOOR TILE	BLUE,OTH,FLOOR TILE	10	-	-	NO
AZ231	1ST FL RM 1A121,S,BELOW CEILING	FLOOR TILE	BLUE,OTH,FLOOR TILE	10	-	-	NO
AZ232	1ST FL RM 1A115,NE,BELOW CEILING	FLOOR TILE	BLUE,OTH,FLOOR TILE	10	-	-	NO
AZ233	1ST FL RM 1A122,E,BELOW CEILING	FLOOR TILE	GREEN,OTH,FLOOR TILE	-	-	-	NO
AZ234	1ST FL RM 1A0141,S,BELOW CEILING	FLOOR TILE	GREEN,OTH,FLOOR TILE	-	-	-	NO
AZ235	1ST FL RM 1A0141,E,BELOW CEILING	FLOOR TILE	GREEN,OTH,FLOOR TILE	-	-	-	NO
AZ236	3RD FL RM 3A1,S,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ237	3RD FL HALLWAY 3A3,W,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ238	2ND FL HALLWAY,NE,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ239	2ND FL HALLWAY 2A13,W,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ240	1ST FL HALLWAY 1C18,W,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ241	BASEMENT EAST 15,E,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ242	BASEMENT RM 11,SW,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ243	3RD FL 3B2,SE,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ244	3RD FL RM 3B25,S,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO
AZ245	2ND FL STAIRCASE,W,BELOW CEILING	OTHER MATERIAL	WHITE,OTH,WALLBOARD,VERTICAL	-	-	-	NO

^a Asbestos content presented for layered samples represents the highest concentration layer.

Quadrant Codes

C - Center
N - North
E - East
S - South
W - West
NE - Northeast
NW - Northwest
SE - Southeast
SW - Southwest

System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DCM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 1075.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ246	2ND FL RM 2C5, W, BELOW CEILING	OTHER MATERIAL	WHITE, OTH, WALLBOARD, VERTICAL	-	-	-	NO
AZ247	1ST FL RM 1A85, N, BELOW CEILING	OTHER MATERIAL	WHITE, OTH, WALLBOARD, VERTICAL	-	-	-	NO
AZ248	1ST FL RM 1B47, E, BELOW CEILING	OTHER MATERIAL	WHITE, OTH, WALLBOARD, VERTICAL	-	-	-	NO
AZ249	BASEMENT STAIRCASE, C, BELOW CEILING	OTHER MATERIAL	WHITE, OTH, WALLBOARD, VERTICAL	-	-	-	YES
AZ250	1ST FL RM 1B1 SOUTH, SW, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, VERTICAL	-	-	-	NO
AZ251	1ST FL RM 1B1 NORTH, N, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, VERTICAL	-	-	-	NO
AZ252	1ST FL RM 1B1 S/E, S, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, VERTICAL	-	-	-	NO
AZ253	BASEMENT RM 16, W, BELOW CEILING	ACOUSTICAL WALL TILE	GREEN, OTH, WALLBOARD, VERTICAL	30	-	-	YES
AZ254	BASEMENT RM 14, W, BELOW CEILING	ACOUSTICAL WALL TILE	GREEN, OTH, WALLBOARD, VERTICAL	35	-	-	YES
AZ255	BASEMENT RM 14, N, BELOW CEILING	ACOUSTICAL WALL TILE	GREEN, OTH, WALLBOARD, VERTICAL	35	-	-	YES
AZ256	1ST FL RM 1A12, W, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, VERTICAL	-	-	-	NO
AZ257	1ST FL RM 1A12, N, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, VERTICAL	-	-	-	NO
AZ258	1ST FL RM 1A12, S, BELOW CEILING	ACOUSTICAL WALL TILE	WHITE, OTH, ACOUS TILE, VERTICAL	-	-	-	NO
AZ259	2ND FL RM 2B27, SE	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ260	2ND FL RM 2B27, SE	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ261	3RD FL RM 3B26, SE	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ262	3RD FL RM 3B27, SE	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ263	3RD FL RM 3C26, SW	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ451	1ST FL RM 1C22, W	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ452	3RD FL RM 3B27, E	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ453	3RD FL RM 3B25, S	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ454	2ND FL RM 3B27, SE	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ455	2ND FL RM 3B25, N	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES
AZ456	2ND FL RM 2C5, NW	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	YES

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System Codes

STM - Steam
CHW - Chilled Water
HHW - Heating Hot Water
DOM - Domestic Water
OTH - Other
UNK - Unknown

Asbestos Types

CH - Chrysotile
AM - Amosite
OT - Other

TABLE 1075.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ457	2ND FL RM 2B7,N	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ458	1ST FL RM 1C15,NW	CEILING TILE	BROWN,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ459	1ST FL RM 1C14,NW	CEILING TILE	BROWN,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ460	1ST FL RM 1C13,N	CEILING TILE	BROWN,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ461	3RD FL RM 3B1,S	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ462	2ND FL RM 2B1,S	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ463	2ND FL RM 2B1,S	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AZ464	1ST FL RM 1A1,S	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AZ465	1ST FL RM 1B6,E	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ466	1ST FL RM 1A50,W	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ467	1ST FL RM 1A50,NW	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ468	1ST FL RM 1A35,N	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ469	1ST FL RM 1A39,W	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ470	1ST FL RM 1A86,N	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ471	1ST FL RM 1A81,N	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ472	1ST FL RM 1A021,N	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ473	1ST FL RM 1A077,NE	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ474	1ST FL RM 1A0157,NE	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	YES
AZ475	1ST FL RM 1A36 WEST,N	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AZ476	1ST FL RM 1A36 SOUTH,S	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AZ477	1ST FL RM 1A36 NORTH,C	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AZ478	1ST FL RM 118,SW	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AZ479	1ST FL RM 1A97,NW	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO
AZ480	1ST FL RM 1A96,NW	CEILING TILE	WHITE,OTH,CEIL TILE,HORIZONTAL	-	-	-	NO

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Asbestos Types

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TABLE 1075.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			
				CH	AM	OT	LAYERED ^a
AZ481	BASEMENT RM 14,NW	TRANSITE PANEL BOARD	GRAY, OTH, CEIL TILE, HORIZONTAL	30	-	-	NO
AZ482	BASEMENT RM 14, SW	TRANSITE PANEL BOARD	GRAY, OTH, CEIL TILE, HORIZONTAL	35	-	-	NO
AZ484	1ST FL RM 1A97,NW	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ485	1ST FL RM 1A103,NW	CEILING TILE	WHITE, OTH, CEIL TILE, HORIZONTAL	-	-	-	NO
AZ486	CRAWL SPACE S/W, SW, BELOW CEILING	<4" PIPE RUN	GRAY, HHW, PIPE RUN, HORIZONTAL	10	-	-	NO
AZ487	CRAWL SPACE S/W, SW, BELOW CEILING	<4" PIPE FITTING	GRAY, HHW, FITTING, HORIZONTAL	30	-	-	NO
AZ488	CRAWL SPACE S/W, SW, BELOW CEILING	<4" PIPE RUN	GRAY, HHW, PIPE RUN, HORIZONTAL	35	-	-	NO
AZ489	CRAWL SPACE S/W, SW, BELOW CEILING	<4" PIPE FITTING	GRAY, HHW, FITTING, HORIZONTAL	35	-	-	YES
AZ490	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE RUN	GRAY, CHW, PIPE RUN, HORIZONTAL	30	-	-	YES
AZ491	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE FITTING	GRAY, CHW, FITTING, HORIZONTAL	15	-	-	YES
AZ492	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE RUN	BLACK, CHW, PIPE RUN, HORIZONTAL	-	-	-	YES
AZ493	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE FITTING	BLACK, CHW, FITTING, HORIZONTAL	-	-	-	NO
AZ494	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE RUN	BLACK, CHW, PIPE RUN, HORIZONTAL	-	-	-	YES
AZ495	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE RUN	TAN, STM, PIPE RUN, HORIZONTAL	-	-	-	YES
AZ496	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE FITTING	TAN, STM, FITTING, VERTICAL	10	-	-	NO
AZ497	CRAWL SPACE S/W, SW, BELOW CEILING	4-8" PIPE FITTING	TAN, STM, FITTING, VERTICAL	15	-	-	NO
AZ498	CRAWL SPACE S/W, SW, BELOW CEILING	DUPLICATE SAMPLE	TAN, STM, FITTING, VERTICAL	40	-	-	NO
AZ499	CRAWL SPACE S/W, SW, BELOW CEILING	DUPLICATE SAMPLE	GRAY, HHW, FITTING, VERTICAL	-	-	-	NO
AZ500	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	WHITE, STM, PIPE RUN, HORIZONTAL	-	25	-	NO
AZ501	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	WHITE, STM, FITTING, HORIZONTAL	15	-	-	NO
AZ502	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	WHITE, STM, PIPE RUN, HORIZONTAL	-	25	-	NO
AZ503	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	WHITE, STM, FITTING, HORIZONTAL	-	25	-	NO
AZ504	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	WHITE, STM, PIPE RUN, HORIZONTAL	-	-	-	NO
AZ505	BOILER RM, SW, BELOW CEILING	DUPLICATE SAMPLE	WHITE, STM, PIPE RUN, HORIZONTAL	-	-	-	YES

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TABLE 1075.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ506	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	WHITE, STM, PIPE RUN, HORIZONTAL	-	20	-	NO
AZ507	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	WHITE, STM, FITTING, VERTICAL	10	-	-	YES
AZ508	BOILER RM, SW, BELOW CEILING	<4" PIPE FITTING	WHITE, HHW, FITTING, VERTICAL	-	-	-	NO
AZ509	BOILER RM, SW, BELOW CEILING	<4" PIPE FITTING	WHITE, HHW, FITTING, VERTICAL	-	-	-	NO
AZ510	BOILER RM, SW, BELOW CEILING	9-14" PIPE RUN	WHITE, CHW, PIPE RUN, HORIZONTAL	10	-	-	NO
AZ511	BOILER RM, SW, BELOW CEILING	DUPLICATE SAMPLE	WHITE, CHW, PIPE RUN, HORIZONTAL	20	-	-	YES
AZ512	BOILER RM, SW, BELOW CEILING	DUPLICATE SAMPLE	WHITE, CHW, PIPE RUN, HORIZONTAL	-	-	-	NO
AZ513	BOILER RM, SW, BELOW CEILING	9-14" PIPE RUN	WHITE, CHW, PIPE RUN, HORIZONTAL	10	-	<1	NO
AZ514	BOILER RM, SW, BELOW CEILING	9-14" PIPE RUN	WHITE, CHW, PIPE RUN, HORIZONTAL	15	-	1	YES
AZ515	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	WHITE, STM, PIPE RUN, HORIZONTAL	-	-	-	YES
AZ516	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	WHITE, STM, PIPE RUN, HORIZONTAL	-	-	<1	YES
AZ517	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	WHITE, STM, FITTING, HORIZONTAL	-	-	-	NO
AZ518	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	WHITE, HHW, PIPE RUN, HORIZONTAL	10	-	-	YES
AZ519	BOILER RM, SW, BELOW CEILING	<4" PIPE RUN	WHITE, HHW, PIPE RUN, HORIZONTAL	5	-	-	YES
AZ520	BOILER RM, SW, BELOW CEILING	4-8" PIPE RUN	TAN, STM, PIPE RUN, HORIZONTAL	2	-	-	YES
AZ521	BOILER RM, SW, BELOW CEILING	DUPLICATE SAMPLE	WHITE, STM, PIPE RUN, HORIZONTAL	25	-	-	YES
AZ522	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	BLACK, CHW, FITTING, VERTICAL	-	-	-	YES
AZ523	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	BLACK, CHW, FITTING, VERTICAL	30	-	-	YES
AZ524	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	BLACK, CHW, FITTING, VERTICAL	<1	-	-	YES
AZ525	BOILER RM, SW, BELOW CEILING	4-8" PIPE FITTING	BLACK, CHW, FITTING, VERTICAL	40	-	-	NO
AZ526	BOILER RM, SW, BELOW CEILING	DUPLICATE SAMPLE	BLACK, CHW, FITTING, HORIZONTAL	25	-	-	NO
AZ527	BOILER RM, N, BELOW CEILING	4-8" PIPE RUN	WHITE, HHW, PIPE INSUL, HORIZONTAL	10	-	-	NO
AZ528	BOILER RM, N, BELOW CEILING	<4" PIPE RUN	WHITE, HHW, PIPE INSUL, HORIZONTAL	5	-	-	YES
AZ529	BOILER RM, N, BELOW CEILING	4-8" PIPE RUN	WHITE, DOM, PIPE INSUL, HORIZONTAL	15	-	-	NO

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TABLE 1075.1
(continued)

BULK SAMPLE ANALYSIS RESULTS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	LOCATION	ITEM	DESCRIPTION	PERCENT ASBESTOS			LAYERED ^a
				CH	AM	OT	
AZ530	BOILER RM, N, BELOW CEILING	4-8" PIPE RUN	BLACK, CHW, PIPE INSUL, HORIZONTAL	-	-	-	YES
AZ531	BOILER RM, N, BELOW CEILING	4-8" PIPE RUN	BLACK, CHW, PIPE INSUL, HORIZONTAL	-	-	-	YES
AZ532	BOILER RM, N, BELOW CEILING	DUPLICATE SAMPLE	WHITE, CHW, PIPE INSUL, HORIZONTAL	-	-	-	YES
AZ533	BOILER RM, N, BELOW CEILING	4-8" PIPE FITTING	WHITE, STM, FITTING, VERTICAL	-	-	-	NO
AZ534	BOILER RM, N, BELOW CEILING	9-14" PIPE FITTING	WHITE, STM, FITTING, VERTICAL	35	-	-	NO
AZ535	BOILER RM CENTER, S, BELOW CEILING	AIR HANDLING EQUIPMENT	GRAY, OTH, HVAC INSUL, HORIZONTAL	45	-	-	NO
AZ536	BOILER RM CENTER, S, BELOW CEILING	AIR HANDLING EQUIPMENT	GRAY, OTH, HVAC INSUL, HORIZONTAL	45	-	-	YES
AZ537	BOILER RM WEST, W, BELOW CEILING	AIR HANDLING EQUIPMENT	GRAY, OTH, HVAC INSUL, HORIZONTAL	55	-	-	NO
AZ538	BOILER RM WEST, W, BELOW CEILING	AIR HANDLING EQUIPMENT	GRAY, OTH, HVAC INSUL, HORIZONTAL	45	-	-	NO
AZ539	BOILER RM W TUNNEL, W, BELOW CEILING	AIR HANDLING EQUIPMENT	GRAY, OTH, HVAC INSUL, HORIZONTAL	45	-	-	NO
AZ540	BOILER RM EAST, NE, BELOW CEILING	BOILERS/TANKS	WHITE, STM, TANK INSUL, HORIZONTAL	-	-	-	YES
AZ541	BOILER RM EAST, NE, BELOW CEILING	BOILERS/TANKS	WHITE, STM, TANK INSUL, HORIZONTAL	-	-	-	NO
AZ542	BOILER RM EAST, NE, BELOW CEILING	BOILERS/TANKS	WHITE, STM, TANK INSUL, HORIZONTAL	-	-	-	YES

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 UNK - Unknown

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TABLE 1075.2

ASBESTOS-CONTAINING MATERIALS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
1ST FL CAFE 1B30	-	-	-	-	-	-	-	-	-	0.82	-	-	-
1ST FL EMERG 1A0142	-	-	-	-	-	-	-	-	-	0.32	-	-	-
1ST FL HALLWAY 1A076	-	-	-	-	-	-	-	-	-	0.32	-	-	-
1ST FL HALLWAY 1A078	-	-	-	-	-	-	-	-	-	0.32	-	-	-
1ST FL HALLWAY 1A50	-	-	-	-	-	-	-	-	-	6.63	-	-	-
1ST FL NEW ADDITION	30	-	-	-	-	-	-	-	-	-	-	-	-
1ST FL RM 1A0121	-	-	-	-	-	-	-	-	-	0.32	-	-	-
1ST FL RM 1A0159	-	-	-	-	-	-	-	-	-	0.32	-	-	-
1ST FL RM 1A027	-	-	-	-	-	-	-	-	-	0.32	-	-	-
1ST FL RM 1A06	-	-	-	-	-	-	-	-	-	0.32	-	-	-
1ST FL RM 1A115	-	-	-	-	-	-	-	-	-	0.12	-	-	-
1ST FL RM 1A121	-	-	-	-	-	-	-	-	-	0.25	-	-	-
1ST FL RM 1A13	-	-	-	-	-	-	-	-	-	0.82	-	-	-
1ST FL RM 1A21	-	-	-	-	-	-	-	-	-	0.21	-	-	-
1ST FL RM 1A25	-	-	-	-	-	-	-	-	-	0.20	-	-	-
1ST FL RM 1A26	-	-	-	-	-	-	-	-	-	0.21	-	-	-
1ST FL RM 1B22	-	-	-	-	-	-	-	-	-	0.10	-	-	-
1ST FL RM 1B28	-	-	-	-	-	-	-	-	-	0.82	-	-	-
1ST FL WOMEN RR 1A5	-	-	-	-	-	-	-	-	-	0.04	-	-	-
2ND FL HALLWAY 2C34	-	-	-	-	-	-	-	-	-	2.19	-	-	-
2ND FL LOBBY 2A3	-	-	-	-	-	-	-	-	-	2.19	-	-	-
2ND FL RM 2B27	-	-	-	-	-	-	-	-	-	2.19	-	-	-
3RD FL 3A5 CORRIDOR	-	-	-	-	-	-	-	-	-	0.05	-	-	-
3RD FL RM 3A3	-	-	-	-	-	-	-	-	-	2.43	-	-	-
3RD FL RM 3B27	-	-	-	-	-	-	-	-	-	2.43	-	-	-
BASEMENT	-	-	-	-	-	-	-	-	-	1.20	-	-	-
BASEMENT RM 14	-	-	-	-	-	-	-	-	-	-	-	-	*
BASEMENT RM 14 NORTH	-	-	-	-	-	-	-	-	-	0.16	-	-	-
BASEMENT RM 14 SOUTH	-	-	-	-	-	-	-	-	-	0.16	-	-	-
BASEMENT RM 16	-	-	-	-	-	-	-	-	-	0.13	-	-	*
BASEMENT RM 2 NORTH	-	-	-	-	-	-	-	-	-	0.48	-	-	-
BASEMENT RM 2 SOUTH	-	-	-	-	-	-	-	-	-	0.48	-	-	-

* Other material present in various units of measure. See Table 1075.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 1075.2
(continued)

ASBESTOS-CONTAINING MATERIALS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
BOILER RM	25	45	7	-	460	1065	307	-	-	-	-	-	-
BOILER RM CENTER	-	-	-	-	-	-	-	-	-	-	-	0.73	-
BOILER RM W TUNNEL	-	-	-	-	-	-	-	-	-	-	-	0.31	-
BOILER RM WEST	-	-	-	-	-	-	-	-	-	-	-	0.67	-
BSMT CORRIDOR AREA A	25	50	5	-	180	360	50	-	-	-	-	-	-
BSMT RM 1	5	-	10	-	15	35	-	-	-	-	-	-	-
BSMT RM 12 & 13	10	-	-	-	20	30	-	-	-	-	-	-	-
BSMT RM 17 & 18	10	5	5	-	20	80	20	-	-	-	-	-	-
BSMT RM 19	10	-	-	-	10	10	-	-	-	-	-	-	-
BSMT RM 2	17	-	15	-	5	55	-	-	-	-	-	-	-
BSMT RM 20	10	-	-	-	10	10	-	-	-	-	-	-	-
BSMT RM 21	10	-	5	-	20	20	-	-	-	-	-	-	-
BSMT RM 22	10	-	5	-	20	20	-	-	-	-	-	-	-
BSMT RM 24	12	5	-	-	8	36	-	-	-	-	-	-	-
BSMT RM 26	-	-	-	-	-	15	-	-	-	-	-	-	-
BSMT RM 4 & 3	10	-	10	-	10	20	-	-	-	-	-	-	-
BSMT RM 5	-	-	-	-	-	15	-	-	-	-	-	-	-
BSMT RM 6	15	-	-	-	60	50	-	-	-	-	-	-	-
BSMT RM 7 & 8	5	-	-	-	10	10	-	-	-	-	-	-	-
BSMT RM 9 & 10	15	5	-	-	20	30	-	-	-	-	-	-	-
CORRIDOR 1A50	50	-	-	-	20	150	-	-	-	-	-	-	-
CORRIDOR 2A13	24	-	-	-	20	150	-	-	-	-	-	-	-
CRAWL SPACE EAST	210	40	10	-	370	1040	-	-	-	-	-	-	-
CRAWL SPACE NORTH	80	1909	-	-	2100	10550	-	-	-	-	-	-	-
CRAWL SPACE S/W	125	71	-	-	1125	580	-	-	-	-	-	-	-
KITCHEN 1B37	24	-	-	-	16	50	-	-	-	-	-	-	-
RM 1A7 & 101	22	-	-	-	8	40	-	-	-	-	-	-	-
RM 1A8	6	-	-	-	10	25	-	-	-	-	-	-	-
RM 1B1	8	8	-	-	10	50	-	-	-	-	-	-	-
RM 1B30 & 1B31	40	35	-	-	60	165	-	-	-	-	-	-	-
RM 1C10	30	-	-	-	16	80	-	-	-	-	-	-	-
RM 1C11	16	-	-	-	8	30	-	-	-	-	-	-	-

* Other material present in various units of measure. See Table 1075.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 1075.2
(continued)

ASBESTOS-CONTAINING MATERIALS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROVELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
RM 1C12	30	-	-	-	16	60	-	-	-	-	-	-	-
RM 1C14 & 1C13	30	-	-	-	16	60	-	-	-	-	-	-	-
RM 1C21	30	-	-	-	16	65	-	-	-	-	-	-	-
RM 1C22	30	-	-	-	16	80	-	-	-	-	-	-	-
RM 1C6	16	-	-	-	8	35	-	-	-	-	-	-	-
RM 1C7	26	-	-	-	18	60	-	-	-	-	-	-	-
RM 1C8 & 1C9	26	-	-	-	32	187	-	-	-	-	-	-	-
RM 1C9	26	-	-	-	16	60	-	-	-	-	-	-	-
RM 2A1	6	-	-	-	5	25	-	-	-	-	-	-	-
RM 2A4 & 2C8	12	-	-	-	10	40	-	-	-	-	-	-	-
RM 2B11	12	-	-	-	5	30	-	-	-	-	-	-	-
RM 2B13	12	-	-	-	5	25	-	-	-	-	-	-	-
RM 2B14	24	-	-	-	10	35	-	-	-	-	-	-	-
RM 2B15	12	-	-	-	5	20	-	-	-	-	-	-	-
RM 2B17 & 2B16	12	-	-	-	5	45	-	-	-	-	-	-	-
RM 2B18	6	-	-	-	5	22	-	-	-	-	-	-	-
RM 2B19	12	-	-	-	5	20	-	-	-	-	-	-	-
RM 2B2 & 2B3	12	-	-	-	5	30	-	-	-	-	-	-	-
RM 2B21 & 2B20	24	-	-	-	10	65	-	-	-	-	-	-	-
RM 2B25	48	-	-	-	20	108	-	-	-	-	-	-	-
RM 2B26	48	-	-	-	20	108	-	-	-	-	-	-	-
RM 2B27	48	-	-	-	20	108	-	-	-	-	-	-	-
RM 2B4 & 2B12	12	-	-	-	5	30	-	-	-	-	-	-	-
RM 2B7	12	-	-	-	5	48	-	-	-	-	-	-	-
RM 2B8	12	-	-	-	5	30	-	-	-	-	-	-	-
RM 2C10	6	-	-	-	5	20	-	-	-	-	-	-	-
RM 2C11	6	-	-	-	5	25	-	-	-	-	-	-	-
RM 2C13 & 2C12	12	-	-	-	10	45	-	-	-	-	-	-	-
RM 2C17	6	-	-	-	5	24	-	-	-	-	-	-	-
RM 2C19	6	-	-	-	5	20	-	-	-	-	-	-	-
RM 2C20	6	-	-	-	5	20	-	-	-	-	-	-	-
RM 2C24 & 2C21	12	-	-	-	10	45	-	-	-	-	-	-	-

* Other material present in various units of measure. See Table 1075.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

1075-11

TABLE 1075.2
(continued)

ASBESTOS-CONTAINING MATERIALS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
RM 2C27 & 2C25	12	-	-	-	10	36	-	-	-	-	-	-	-
RM 2C28 & 2C26	18	-	-	-	15	45	-	-	-	-	-	-	-
RM 2C29 & 2C31	12	-	-	-	10	40	-	-	-	-	-	-	-
RM 2C30 & 2C32	12	-	-	-	10	40	-	-	-	-	-	-	-
RM 2C33	6	-	-	-	5	20	-	-	-	-	-	-	-
RM 2C35	24	-	-	-	20	125	-	-	-	-	-	-	-
RM 2C4 & 2C3	6	-	-	-	5	35	-	-	-	-	-	-	-
RM 2C6	12	-	-	-	10	40	-	-	-	-	-	-	-
RM 2C7 & 2C9	12	-	-	-	10	40	-	-	-	-	-	-	-
RM 3A1	6	-	-	-	5	23	-	-	-	-	-	-	-
RM 3A4	6	-	-	-	5	16	-	-	-	-	-	-	-
RM 3A5 & 3A6	-	-	-	-	-	11	-	-	-	-	-	-	-
RM 3A7	6	-	-	-	5	18	-	-	-	-	-	-	-
RM 3B1	-	-	-	-	-	20	-	-	-	-	-	-	-
RM 3B11 & 3B9	12	-	-	-	5	30	-	-	-	-	-	-	-
RM 3B13	10	-	-	-	25	6	-	-	-	-	-	-	-
RM 3B14	20	-	-	-	35	12	-	-	-	-	-	-	-
RM 3B15	12	-	-	-	5	20	-	-	-	-	-	-	-
RM 3B17 & 3B16	12	-	-	-	5	45	-	-	-	-	-	-	-
RM 3B18	6	-	-	-	5	22	-	-	-	-	-	-	-
RM 3B19	12	-	-	-	5	20	-	-	-	-	-	-	-
RM 3B2 & 3B3	12	-	-	-	5	30	-	-	-	-	-	-	-
RM 3B20	22	-	-	-	65	-	-	-	-	-	-	-	-
RM 3B25	48	-	-	-	20	108	-	-	-	-	-	-	-
RM 3B26	48	-	-	-	20	108	-	-	-	-	-	-	-
RM 3B27	48	-	-	-	20	108	-	-	-	-	-	-	-
RM 3B4 & 3B12	11	-	-	-	5	36	-	-	-	-	-	-	-
RM 3B7 & ADJ STAIRS	12	-	-	-	10	68	-	-	-	-	-	-	-
RM 3B8 & 3B10	12	-	-	-	6	30	-	-	-	-	-	-	-
RM 3C1	-	-	-	-	-	17	-	-	-	-	-	-	-
RM 3C12	-	-	-	-	-	10	-	-	-	-	-	-	-
RM 3C13	6	-	-	-	5	20	-	-	-	-	-	-	-

* Other material present in various units of measure. See Table 1075.3 for material descriptions.

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

TABLE 1075.2
(continued)

ASBESTOS-CONTAINING MATERIALS - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	PIPE FITTINGS (EA)				PIPE RUNS (LF)				SPRAY/TROWELED CEILINGS (MSF)	FLOOR TILE (MSF)	BOILERS/ TANKS (MSF)	AIR HANDLING EQUIPMENT (MSF)	OTHER
	<4"	4-8"	9-14"	>14"	<4"	4-8"	9-14"	>14"					
RM 3C15 & 3C14	12	-	-	-	10	34	-	-	-	-	-	-	-
RM 3C17 & 3C19	12	-	-	-	10	47	-	-	-	-	-	-	-
RM 3C2 & 3C6	-	-	-	-	-	22	-	-	-	-	-	-	-
RM 3C20 & 3C21	12	-	-	-	10	47	-	-	-	-	-	-	-
RM 3C22 & 3C30	12	-	-	-	10	37	-	-	-	-	-	-	-
RM 3C23 & 3C16	12	-	-	-	10	34	-	-	-	-	-	-	-
RM 3C24	6	-	-	-	5	24	-	-	-	-	-	-	-
RM 3C26	6	-	-	-	5	20	-	-	-	-	-	-	-
RM 3C27	6	-	-	-	5	41	-	-	-	-	-	-	-
RM 3C31 & 3C32	12	-	-	-	10	60	-	-	-	-	-	-	-
RM 3C5	6	-	-	-	5	16	-	-	-	-	-	-	-
RMS 1A1, 1A2, & 1A3	16	6	-	-	15	74	-	-	-	-	-	-	-
RMS 1C15, 1C16, 1C17	16	-	-	-	8	65	-	-	-	-	-	-	-
TOTALS	2009	2179	72	-	5413	18086	377	-	-	26.57	-	1.71	*

* Other material present in various units of measure. See Table 1075.3 for material descriptions.

EA - Each

LF - Linear Feet

MSF - Thousand Square Feet

TABLE 1075.3

OTHER ASBESTOS-CONTAINING MATERIAL - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

AREA	MATERIAL TYPE	QUANTITIY (UNIT)
BASEMENT RM 14	WALL BOARD	0.880 (MSF)
BASEMENT RM 14	TRANSITE PANEL BOARD	3.200 (MSF)
BASEMENT RM 16	WALL BOARD	1.760 (MSF)

EA - Each
LF - Linear Feet
MSF - Thousand Square Feet

TABLE 1075.4

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ525	BOILER RM	4-8" PIPE FITTING	C	4.700E06	3	3	2	3	10	40.00	40
AZ535	BOILER RM CENTER	AIR HANDLING EQUIPMENT	C	4.700E06	3	3	2	3	10	40.00	45
AZ536	BOILER RM CENTER	AIR HANDLING EQUIPMENT	C	4.700E06	3	3	2	3	10	40.00	45
AZ537	BOILER RM WEST	AIR HANDLING EQUIPMENT	C	4.700E06	3	3	2	3	10	40.00	55
AZ538	BOILER RM WEST	AIR HANDLING EQUIPMENT	C	4.700E06	3	3	2	3	10	40.00	45
AZ539	BOILER RM W TUNNEL	AIR HANDLING EQUIPMENT	C	4.700E06	3	3	2	3	10	40.00	45
AZ523	BOILER RM	4-8" PIPE FITTING	C	1.700E06	3	3	2	3	10	40.00	30
AZ500	BOILER RM	4-8" PIPE RUN	C	1.360E06	3	3	2	3	8	40.00	25
AZ501	BOILER RM	4-8" PIPE FITTING	C	1.360E06	3	3	2	3	8	40.00	15
AZ502	BOILER RM	4-8" PIPE RUN	C	1.360E06	3	3	2	3	8	40.00	25
AZ503	BOILER RM	4-8" PIPE FITTING	C	1.360E06	3	3	2	3	8	40.00	25
AZ506	BOILER RM	4-8" PIPE RUN	C	1.360E06	3	3	2	3	8	40.00	20
AZ507	BOILER RM	4-8" PIPE FITTING	C	1.360E06	3	3	2	3	8	40.00	10
AZ510	BOILER RM	9-14" PIPE RUN	C	1.360E06	3	3	2	3	8	40.00	10
AZ513	BOILER RM	9-14" PIPE RUN	C	1.360E06	3	3	2	3	8	40.00	11
AZ514	BOILER RM	9-14" PIPE RUN	C	1.360E06	3	3	2	3	8	40.00	16
AZ518	BOILER RM	4-8" PIPE RUN	C	1.360E06	3	3	2	3	8	40.00	10
AZ481	BASEMENT RM 14	TRANSITE PANEL BOARD	C	8.500E05	3	3	2	3	5	40.00	30
AZ253	BASEMENT RM 16	ACOUSTICAL WALL TILE	C	6.800E05	3	3	2	3	4	40.00	30
AZ254	BASEMENT RM 14	ACOUSTICAL WALL TILE	C	6.800E05	3	3	2	3	4	40.00	35
AZ255	BASEMENT RM 14	ACOUSTICAL WALL TILE	C	6.800E05	3	3	2	3	4	40.00	35
AZ527	BOILER RM	4-8" PIPE RUN	C	4.960E05	3	2	2	3	8	40.00	10
AZ529	BOILER RM	4-8" PIPE RUN	C	4.960E05	3	2	2	3	8	40.00	15
AZ534	BOILER RM	9-14" PIPE FITTING	C	4.960E05	3	2	2	3	8	40.00	35
AZ482	BASEMENT RM 14	TRANSITE PANEL BOARD	C	3.720E05	3	2	2	3	6	40.00	35
AZ520	BOILER RM	4-8" PIPE RUN	C	3.000E05	3	3	2	3	10	40.00	2
AZ524	BOILER RM	4-8" PIPE FITTING	C	3.000E05	3	3	2	3	10	40.00	1
AZ516	BOILER RM	4-8" PIPE RUN	C	2.400E05	3	3	2	3	8	40.00	1
AZ519	BOILER RM	<4" PIPE RUN	C	2.400E05	3	3	2	3	8	40.00	5
AZ528	BOILER RM	<4" PIPE RUN	C	8.800E04	3	2	2	3	8	40.00	5

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ489	BOILER RM	<4" PIPE FITTING	C	1.140E04	2	2	2	2	6	40.00	35
AZ491	BOILER RM	4-8" PIPE FITTING	C	1.140E04	2	2	2	2	6	40.00	15
AZ491	BOILER RM	4-8" PIPE FITTING	C	1.140E04	2	2	2	2	6	40.00	15
AZ489	BSMT RM 1	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 12 & 13	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 17 & 18	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 19	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 2	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 20	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 21	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 21	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 22	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 22	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 24	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 24	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 4 & 3	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 6	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 7 & 8	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ489	BSMT RM 9 & 10	<4" PIPE FITTING	C	2.760E03	2	2	1	2	4	40.00	35
AZ527	BSMT RM 1	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 12 & 13	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 17 & 18	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 19	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 2	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 20	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 21	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 22	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 24	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 4 & 3	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 6	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ527	BSMT RM 7 & 8	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ527	BSMT RM 9 & 10	4-8" PIPE RUN	C	2.760E03	2	2	1	2	4	40.00	10
AZ486	CRAWL SPACE S/W	<4" PIPE RUN	A	9.900E01	3	1	2	2	3	40.00	10
AZ487	CRAWL SPACE S/W	<4" PIPE FITTING	A	9.900E01	3	1	2	2	3	40.00	30
AZ488	CRAWL SPACE S/W	<4" PIPE RUN	A	9.900E01	3	1	2	2	3	40.00	35
AZ489	CRAWL SPACE S/W	<4" PIPE FITTING	A	9.900E01	3	1	2	2	3	40.00	35
AZ490	CRAWL SPACE S/W	4-8" PIPE RUN	A	9.900E01	3	1	2	2	3	40.00	30
AZ491	CRAWL SPACE S/W	4-8" PIPE FITTING	A	9.900E01	3	1	2	2	3	40.00	15
AZ496	CRAWL SPACE S/W	4-8" PIPE FITTING	A	9.900E01	3	1	2	2	3	40.00	10
AZ497	CRAWL SPACE S/W	4-8" PIPE FITTING	A	9.900E01	3	1	2	2	3	40.00	15
AZ489	BSMT CORRIDOR AREA A	<4" PIPE FITTING	A	3.150E01	2	1	1	2	15	40.00	35
AZ491	BSMT CORRIDOR AREA A	4-8" PIPE FITTING	A	3.150E01	2	1	1	2	15	40.00	15
AZ491	BSMT CORRIDOR AREA A	4-8" PIPE FITTING	A	3.150E01	2	1	1	2	15	40.00	15
AZ510	BSMT CORRIDOR AREA A	9-14" PIPE RUN	A	3.150E01	2	1	1	2	15	40.00	10
AZ527	BSMT CORRIDOR AREA A	4-8" PIPE RUN	A	3.150E01	2	1	1	2	15	40.00	10
AZ529	BSMT CORRIDOR AREA A	4-8" PIPE RUN	A	3.150E01	2	1	1	2	15	40.00	15
AZ534	BSMT CORRIDOR AREA A	9-14" PIPE FITTING	A	3.150E01	2	1	1	2	15	40.00	35
AZ489	KITCHEN 1B37	<4" PIPE FITTING	A	2.520E01	2	1	1	2	12	40.00	35
AZ489	KITCHEN 1B37	<4" PIPE FITTING	A	2.520E01	2	1	1	2	12	40.00	35
AZ527	KITCHEN 1B37	4-8" PIPE RUN	A	2.520E01	2	1	1	2	12	40.00	10
AZ489	CORRIDOR 1A50	<4" PIPE FITTING	A	1.050E01	2	1	1	2	20	10.00	35
AZ489	CORRIDOR 2A13	<4" PIPE FITTING	A	1.050E01	2	1	1	2	20	10.00	35
AZ489	CORRIDOR 2A13	<4" PIPE FITTING	A	1.050E01	2	1	1	2	20	10.00	35
AZ527	CORRIDOR 1A50	4-8" PIPE RUN	A	1.050E01	2	1	1	2	20	10.00	10
AZ527	CORRIDOR 2A13	4-8" PIPE RUN	A	1.050E01	2	1	1	2	20	10.00	10
AZ487	BSMT RM 17 & 18	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	30
AZ487	BSMT RM 2	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	30
AZ487	BSMT RM 24	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	30
AZ487	BSMT RM 4 & 3	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	30
AZ487	BSMT RM 9 & 10	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	30

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ489	RM 1A8	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2A1	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2A1	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2A4 & 2C8	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2A4 & 2C8	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B11	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B11	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B13	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B13	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B14	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B14	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B15	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B15	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B17 & 2B16	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B17 & 2B16	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B18	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B2 & 2B3	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B2 & 2B3	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B21 & 2B20	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B21 & 2B20	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B25	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B25	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B27	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B27	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B4 & 2B12	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B4 & 2B12	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35

Priority Index Codes

A [-] Long Term Corrective Measure
 B [-] Review Management Special Considerations/Remarks
 C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
 2 [-] Occupant Accessability
 3 [-] Material Condition
 4 [-] Level Of Activity
 5 [-] Number Of Assigned Occupants

TABLE 1075.4
(continued)EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ489	RM 2B7	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B7	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B8	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2B8	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C10	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C10	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C11	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C11	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C13 & 2C12	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C13 & 2C12	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C17	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C17	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C20	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C20	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C24 & 2C21	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C24 & 2C21	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C27 & 2C25	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C27 & 2C25	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C28 & 2C26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C28 & 2C26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C29 & 2C31	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C29 & 2C31	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C30 & 2C32	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C30 & 2C32	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C33	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C33	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C35	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C35	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35

Priority Index Codes

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Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ489	RM 2C4 & 2C3	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C4 & 2C3	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C6	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C6	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C7 & 2C9	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 2C7 & 2C9	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3A1	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3A1	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3A4	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3A4	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3A7	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3A7	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B11 & 3B9	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B11 & 3B9	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B13	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B13	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B14	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B14	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B15	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B15	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B17 & 3B16	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B17 & 3B16	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B18	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B2 & 3B3	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B2 & 3B3	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B20	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B20	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B25	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ489	RM 3B25	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B27	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B27	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B4 & 3B12	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B4 & 3B12	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B7 & ADJ STAIRS	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B7 & ADJ STAIRS	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B8 & 3B10	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3B8 & 3B10	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C13	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C13	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C15 & 3C14	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C15 & 3C14	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C17 & 3C19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C17 & 3C19	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C20 & 3C21	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C20 & 3C21	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C22 & 3C30	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C22 & 3C30	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C23 & 3C16	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C23 & 3C16	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C24	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C24	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C26	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C27	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C27	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C31 & 3C32	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35

Priority Index Codes

A [-] Long Term Corrective Measure
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Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
 2 [-] Occupant Accessibility
 3 [-] Material Condition
 4 [-] Level Of Activity
 5 [-] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ489	RM 3C31 & 3C32	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C5	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ489	RM 3C5	<4" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	35
AZ491	BSMT RM 17 & 18	4-8" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	15
AZ491	BSMT RM 24	4-8" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	15
AZ491	BSMT RM 9 & 10	4-8" PIPE FITTING	A	8.400E00	2	1	1	2	4	40.00	15
AZ527	RM 3B4 & 3B12	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	10
AZ529	BSMT RM 12 & 13	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	15
AZ529	BSMT RM 17 & 18	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	15
AZ529	BSMT RM 2	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	15
AZ529	BSMT RM 24	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	15
AZ529	BSMT RM 4 & 3	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	15
AZ529	BSMT RM 9 & 10	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	15
AZ529	CRAWL SPACE EAST	4-8" PIPE RUN	A	8.400E00	2	1	1	2	4	40.00	15
AZ489	1ST FL NEW ADDITION	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1A7 & 101	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1A7 & 101	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1B1	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1B30 & 1B31	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C10	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C10	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C11	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C11	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C12	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C12	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C14 & 1C13	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C14 & 1C13	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C21	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C21	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C22	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35

Priority Index Codes

A [=] Long Term Corrective Measure
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C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ489	RM 1C22	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C6	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C6	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C7	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C7	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C8 & 1C9	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C8 & 1C9	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C9	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RM 1C9	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RMS 1A1, 1A2, & 1A3	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RMS 1C15, 1C16, 1C17	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ489	RMS 1C15, 1C16, 1C17	<4" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	35
AZ491	RM 1B1	4-8" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	15
AZ491	RM 1B30 & 1B31	4-8" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	15
AZ491	RMS 1A1, 1A2, & 1A3	4-8" PIPE FITTING	A	6.300E00	2	1	1	2	4	30.00	15
AZ510	BSMT RM 17 & 18	9-14" PIPE RUN	A	6.300E00	2	1	1	2	3	40.00	10
AZ527	RM 1A7 & 101	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1A8	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1B1	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1B30 & 1B31	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C10	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C11	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C12	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C14 & 1C13	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C21	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C22	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C6	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C7	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C8 & 1C9	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 1C9	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ527	RM 2A1	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2A4 & 2C8	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B11	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B13	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B14	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B15	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B17 & 2B16	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B18	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B19	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B2 & 2B3	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B21 & 2B20	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B25	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B26	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B27	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B4 & 2B12	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B7	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2B8	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C10	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C11	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C13 & 2C12	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C17	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C19	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C20	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C24 & 2C21	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C27 & 2C25	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C28 & 2C26	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C29 & 2C31	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C30 & 2C32	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C33	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C35	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

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TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ527	RM 2C4 & 2C3	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C6	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 2C7 & 2C9	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3A1	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3A4	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3A5 & 3A6	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3A7	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B1	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B11 & 3B9	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B13	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B14	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B15	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B17 & 3B16	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B18	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B19	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B2 & 3B3	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B25	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B26	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B27	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B4 & 3B12	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B7 & ADJ STAIRS	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3B8 & 3B10	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C1	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C12	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C13	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C15 & 3C14	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C17 & 3C19	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C2 & 3C6	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C20 & 3C21	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C22 & 3C30	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ527	RM 3C23 & 3C16	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C24	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C26	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C27	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C31 & 3C32	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RM 3C5	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RMS 1A1, 1A2, & 1A3	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ527	RMS 1C15, 1C16, 1C17	4-8" PIPE RUN	A	6.300E00	2	1	1	2	4	30.00	10
AZ534	BSMT RM 1	9-14" PIPE FITTING	A	6.300E00	2	1	1	2	3	40.00	35
AZ534	BSMT RM 17 & 18	9-14" PIPE FITTING	A	6.300E00	2	1	1	2	3	40.00	35
AZ534	BSMT RM 2	9-14" PIPE FITTING	A	6.300E00	2	1	1	2	3	40.00	35
AZ534	BSMT RM 21	9-14" PIPE FITTING	A	6.300E00	2	1	1	2	3	40.00	35
AZ534	BSMT RM 22	9-14" PIPE FITTING	A	6.300E00	2	1	1	2	3	40.00	35
AZ534	BSMT RM 4 & 3	9-14" PIPE FITTING	A	6.300E00	2	1	1	2	3	40.00	35
AZ525	CRAWL SPACE NORTH	4-8" PIPE FITTING	A	5.800E00	2	1	1	2	2	20.00	40
AZ527	CRAWL SPACE EAST	4-8" PIPE RUN	A	5.800E00	2	1	2	2	2	20.00	10
AZ527	CRAWL SPACE EAST	4-8" PIPE RUN	A	5.800E00	2	1	2	2	2	20.00	10
AZ529	CRAWL SPACE EAST	4-8" PIPE RUN	A	5.800E00	2	1	2	2	2	20.00	15
AZ534	CRAWL SPACE EAST	9-14" PIPE FITTING	A	5.800E00	2	1	2	2	2	20.00	35
AZ528	BSMT CORRIDOR AREA A	<4" PIPE RUN	A	5.550E00	2	1	1	2	15	40.00	5
AZ528	KITCHEN 1B37	<4" PIPE RUN	A	4.440E00	2	1	1	2	12	40.00	5
AZ487	CRAWL SPACE EAST	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	30
AZ487	CRAWL SPACE EAST	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	30
AZ487	CRAWL SPACE EAST	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	30
AZ487	CRAWL SPACE NORTH	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	30
AZ489	CRAWL SPACE EAST	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	35
AZ489	CRAWL SPACE EAST	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	35
AZ489	CRAWL SPACE EAST	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	35
AZ489	CRAWL SPACE EAST	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	35
AZ489	CRAWL SPACE NORTH	<4" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	35

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessability
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ491	CRAWL SPACE EAST	4-8" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	15
AZ491	CRAWL SPACE EAST	4-8" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	15
AZ491	CRAWL SPACE NORTH	4-8" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	15
AZ518	CRAWL SPACE NORTH	4-8" PIPE RUN	A	2.100E00	2	1	1	2	2	20.00	10
AZ523	CRAWL SPACE NORTH	4-8" PIPE FITTING	A	2.100E00	2	1	1	2	2	20.00	30
AZ528	CORRIDOR 1A50	<4" PIPE RUN	A	1.850E00	2	1	1	2	20	10.00	5
AZ528	CORRIDOR 2A13	<4" PIPE RUN	A	1.850E00	2	1	1	2	20	10.00	5
AZ528	BSMT RM 1	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 12 & 13	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 17 & 18	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 19	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 2	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 20	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 21	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 22	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 24	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 4 & 3	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 6	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 7 & 8	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	BSMT RM 9 & 10	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 1A8	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2A1	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2A4 & 2C8	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B11	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B13	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B14	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B15	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B17 & 2B16	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B18	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B19	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

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TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ528	RM 2B2 & 2B3	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B21 & 2B20	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B25	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B26	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B27	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B4 & 2B12	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B7	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2B8	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C10	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C11	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C13 & 2C12	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C17	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C19	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C20	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C24 & 2C21	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C27 & 2C25	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C28 & 2C26	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C29 & 2C31	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C30 & 2C32	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C33	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C35	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C4 & 2C3	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C6	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 2C7 & 2C9	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3A1	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3A4	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3A7	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B11 & 3B9	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B13	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B14	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessability
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ528	RM 3B15	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B17 & 3B16	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B18	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B19	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B2 & 3B3	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B20	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B25	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B26	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B27	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B4 & 3B12	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B7 & ADJ STAIRS	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3B8 & 3B10	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C13	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C15 & 3C14	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C17 & 3C19	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C20 & 3C21	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C22 & 3C30	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C23 & 3C16	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C24	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C26	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C27	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C31 & 3C32	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 3C5	<4" PIPE RUN	A	1.480E00	2	1	1	2	4	40.00	5
AZ528	RM 1A7 & 101	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1B1	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1B30 & 1B31	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C10	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C11	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C12	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C14 & 1C13	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
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Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
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3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ528	RM 1C21	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C22	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C6	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C7	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C8 & 1C9	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RM 1C9	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RMS 1A1, 1A2, & 1A3	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	RMS 1C15, 1C16, 1C17	<4" PIPE RUN	A	1.110E00	2	1	1	2	4	30.00	5
AZ528	CRAWL SPACE EAST	<4" PIPE RUN	A	1.000E00	2	1	2	2	2	20.00	5
AZ528	CRAWL SPACE EAST	<4" PIPE RUN	A	1.000E00	2	1	2	2	2	20.00	5
AZ524	CRAWL SPACE NORTH	4-8" PIPE FITTING	A	7.400E-1	2	1	1	2	2	40.00	1
AZ516	CRAWL SPACE EAST	4-8" PIPE RUN	A	3.700E-1	2	1	1	2	2	20.00	1
AZ516	CRAWL SPACE EAST	4-8" PIPE RUN	A	3.700E-1	2	1	1	2	2	20.00	1
AZ516	CRAWL SPACE NORTH	4-8" PIPE RUN	A	3.700E-1	2	1	1	2	2	20.00	1
AZ519	CRAWL SPACE NORTH	<4" PIPE RUN	A	3.700E-1	2	1	1	2	2	20.00	5
AZ520	CRAWL SPACE NORTH	4-8" PIPE RUN	A	3.700E-1	2	1	1	2	2	20.00	2
AZ516	BSMT RM 1	4-8" PIPE RUN	A	1.950E-1	2	1	1	1	3	40.00	1
AZ516	BSMT RM 17 & 18	4-8" PIPE RUN	A	1.950E-1	2	1	1	1	3	40.00	1
AZ516	BSMT RM 24	4-8" PIPE RUN	A	1.950E-1	2	1	1	1	3	40.00	1
AZ516	BSMT RM 26	4-8" PIPE RUN	A	1.950E-1	2	1	1	1	3	40.00	1
AZ516	BSMT RM 5	4-8" PIPE RUN	A	1.950E-1	2	1	1	1	3	40.00	1
AZ236	3RD FL RM 3A1	PLASTER CEILINGS & WALLS	A	0	2	3	1	3	15	40.00	0
AZ237	3RD FL HALLWAY 3A3	PLASTER CEILINGS & WALLS	A	0	2	3	1	2	10	40.00	0
AZ238	2ND FL HALLWAY	PLASTER CEILINGS & WALLS	A	0	2	3	1	2	6	40.00	0
AZ239	2ND FL HALLWAY 2A13	PLASTER CEILINGS & WALLS	A	0	2	3	1	2	15	40.00	0
AZ240	1ST FL HALLWAY 1C18	PLASTER CEILINGS & WALLS	A	0	2	1	2	2	15	40.00	0
AZ241	BASEMENT EAST 15	PLASTER CEILINGS & WALLS	A	0	2	3	2	3	15	40.00	0
AZ242	BASEMENT RM 11	PLASTER CEILINGS & WALLS	A	0	3	3	2	3	8	40.00	0
AZ243	3RD FL 3B2	PLASTER CEILINGS & WALLS	A	0	2	3	1	3	5	40.00	0
AZ243	3RD FL CEILING	PLASTER CEILINGS & WALLS	A	0	2	3	1	3	5	40.00	0

Priority Index Codes

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Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
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 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ244	3RD FL RM 3B25	PLASTER CEILINGS & WALLS	A	0	2	3	1	2	8	40.00	0
AZ245	2ND FL CEILING	PLASTER CEILINGS & WALLS	A	0	2	3	1	3	15	40.00	0
AZ245	2ND FL STAIRCASE	PLASTER CEILINGS & WALLS	A	0	2	3	1	3	15	40.00	0
AZ246	2ND FL RM 2C5	PLASTER CEILINGS & WALLS	A	0	2	3	1	3	4	40.00	0
AZ246	RM 2A29 AND HALLWAY	PLASTER CEILINGS & WALLS	A	0	1	2	1	2	10	40.00	0
AZ246	RM 2A30	PLASTER CEILINGS & WALLS	A	0	1	3	1	1	3	40.00	0
AZ246	RM 2A31	PLASTER CEILINGS & WALLS	A	0	1	3	1	1	3	40.00	0
AZ246	RM 2A36	PLASTER CEILINGS & WALLS	A	0	1	3	1	1	3	40.00	0
AZ246	RM 2A37	PLASTER CEILINGS & WALLS	A	0	1	3	1	1	3	40.00	0
AZ246	RM 2A38	PLASTER CEILINGS & WALLS	A	0	1	3	1	1	3	40.00	0
AZ247	1ST FL RM 1A85	PLASTER CEILINGS & WALLS	A	0	2	3	1	3	4	40.00	0
AZ247	1ST FL RM 1A85	PLASTER CEILINGS & WALLS	A	0	1	3	1	1	3	40.00	0
AZ248	1ST FL RM 1B47	PLASTER CEILINGS & WALLS	A	0	2	3	1	2	4	40.00	0
AZ249	BASEMENT CEILING	PLASTER CEILINGS & WALLS	A	0	1	1	1	2	10	40.00	0
AZ249	BASEMENT STAIRCASE	PLASTER CEILINGS & WALLS	A	0	2	3	1	2	15	40.00	0
AZ250	1ST FL RM 1B1 SOUTH	ACOUSTICAL WALL TILE	A	0	3	3	2	3	8	40.00	0
AZ251	1ST FL RM 1B1 NORTH	ACOUSTICAL WALL TILE	A	0	3	3	2	3	8	40.00	0
AZ252	1ST FL RM 1B1 S/E	ACOUSTICAL WALL TILE	A	0	3	3	2	3	8	40.00	0
AZ256	1ST FL RM 1A12	ACOUSTICAL WALL TILE	A	0	3	3	2	3	4	40.00	0
AZ257	1ST FL RM 1A12	ACOUSTICAL WALL TILE	A	0	3	3	2	3	4	40.00	0
AZ257	1ST FL RM 1A12	ACOUSTICAL WALL TILE	A	0	3	3	2	3	4	40.00	0
AZ258	1ST FL RM 1A12	ACOUSTICAL WALL TILE	A	0	3	3	2	3	4	40.00	0
AZ259	2ND FL RM 2B27	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ260	2ND FL RM 2B27	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ261	3RD FL RM 3B26	CEILING TILE	A	0	3	3	2	3	6	40.00	0
AZ262	3RD FL RM 3B27	CEILING TILE	A	0	3	3	2	3	6	40.00	0
AZ263	3RD FL RM 3C26	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ451	1ST FL RM 1C22	CEILING TILE	A	0	3	3	2	3	5	40.00	0
AZ452	3RD FL RM 3B27	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ453	3RD FL RM 3B25	CEILING TILE	A	0	3	3	2	3	4	40.00	0

Priority Index Codes

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Exposure Factors

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4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ454	2ND FL RM 3B27	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ455	2ND FL RM 3B25	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ456	2ND FL RM 2C5	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ457	2ND FL RM 2B7	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ458	1ST FL RM 1C15	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ459	1ST FL RM 1C14	CEILING TILE	A	0	3	3	2	2	4	40.00	0
AZ460	1ST FL RM 1C13	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ461	3RD FL RM 3B1	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ462	2ND FL RM 2B1	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ463	2ND FL RM 2B1	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ464	1ST FL RM 1A1	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ465	1ST FL RM 1B6	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ466	1ST FL RM 1A50	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ467	1ST FL RM 1A50	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ468	1ST FL RM 1A35	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ469	1ST FL RM 1A39	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ470	1ST FL RM 1A86	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ471	1ST FL RM 1A81	CEILING TILE	A	0	3	2	2	3	5	40.00	0
AZ472	1ST FL RM 1A021	CEILING TILE	A	0	3	2	2	3	5	40.00	0
AZ473	1ST FL RM 1A077	CEILING TILE	A	0	3	3	2	3	6	40.00	0
AZ474	1ST FL RM 1A0157	CEILING TILE	A	0	3	3	2	3	5	40.00	0
AZ475	1ST FL RM 1A36 WEST	CEILING TILE	A	0	3	2	2	2	4	40.00	0
AZ476	1ST FL RM 1A36 SOUTH	CEILING TILE	A	0	3	3	2	3	5	40.00	0
AZ477	1ST FL RM 1A36 NORTH	CEILING TILE	A	0	3	2	2	3	5	40.00	0
AZ478	1ST FL RM 118	CEILING TILE	A	0	3	3	2	3	4	40.00	0
AZ479	1ST FL RM 1A97	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ480	1ST FL RM 1A96	CEILING TILE	A	0	3	3	2	3	6	40.00	0
AZ484	1ST FL RM 1A97	CEILING TILE	A	0	3	2	1	3	4	40.00	0
AZ485	1ST FL RM 1A103	CEILING TILE	A	0	3	2	2	3	4	40.00	0
AZ492	BSMT RM 2	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0

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TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ492	BSMT RM 21	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ492	BSMT RM 22	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ492	BSMT RM 24	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ492	BSMT RM 26	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ492	BSMT RM 4 & 3	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ492	BSMT RM 6	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ492	CRAWL SPACE EAST	4-8" PIPE RUN	A	0	2	1	2	2	2	20.00	0
AZ492	CRAWL SPACE EAST	4-8" PIPE RUN	A	0	2	1	2	2	2	20.00	0
AZ492	CRAWL SPACE S/W	4-8" PIPE RUN	A	0	3	1	2	2	3	40.00	0
AZ493	CRAWL SPACE S/W	4-8" PIPE FITTING	A	0	3	1	2	2	3	40.00	0
AZ494	CRAWL SPACE S/W	4-8" PIPE RUN	A	0	3	1	2	2	3	40.00	0
AZ495	CRAWL SPACE S/W	4-8" PIPE RUN	A	0	3	1	2	2	3	40.00	0
AZ504	BOILER RM	4-8" PIPE RUN	A	0	3	3	2	3	8	40.00	0
AZ508	BOILER RM	<4" PIPE FITTING	A	0	3	3	2	3	8	40.00	0
AZ509	BOILER RM	<4" PIPE FITTING	A	0	3	3	2	3	8	40.00	0
AZ515	BOILER RM	4-8" PIPE RUN	A	0	3	3	2	3	8	40.00	0
AZ515	BSMT RM 17 & 18	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	BSMT RM 2	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	BSMT RM 21	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	BSMT RM 22	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	BSMT RM 24	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	BSMT RM 26	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	BSMT RM 4 & 3	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	BSMT RM 6	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ515	CRAWL SPACE EAST	4-8" PIPE RUN	A	0	2	1	2	2	2	20.00	0
AZ515	CRAWL SPACE EAST	4-8" PIPE RUN	A	0	2	1	1	2	2	20.00	0
AZ515	CRAWL SPACE NORTH	4-8" PIPE RUN	A	0	2	1	1	2	2	20.00	0
AZ517	BOILER RM	4-8" PIPE FITTING	A	0	3	3	2	3	8	40.00	0
AZ517	BSMT RM 1	4-8" PIPE FITTING	A	0	2	1	1	2	3	40.00	0
AZ517	BSMT RM 24	4-8" PIPE FITTING	A	0	2	1	1	2	3	40.00	0

Priority Index Codes

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Priority Index Numbers Are In Scientific Notation

Exposure Factors

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TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ517	BSMT RM 26	4-8" PIPE FITTING	A	0	2	1	1	2	3	40.00	0
AZ517	BSMT RM 5	4-8" PIPE FITTING	A	0	2	1	1	2	3	40.00	0
AZ517	CRAWL SPACE EAST	4-8" PIPE FITTING	A	0	2	1	1	2	2	20.00	0
AZ517	CRAWL SPACE EAST	4-8" PIPE FITTING	A	0	2	1	1	2	2	20.00	0
AZ517	CRAWL SPACE NORTH	4-8" PIPE FITTING	A	0	2	1	1	2	2	20.00	0
AZ517	CRAWL SPACE NORTH	4-8" PIPE FITTING	A	0	2	1	1	2	2	20.00	0
AZ522	BOILER RM	4-8" PIPE FITTING	A	0	3	3	2	3	10	40.00	0
AZ522	CRAWL SPACE NORTH	4-8" PIPE FITTING	A	0	2	1	1	2	2	20.00	0
AZ530	1ST FL NEW ADDITION	4-8" PIPE RUN	A	0	2	1	1	2	20	20.00	0
AZ530	BOILER RM	4-8" PIPE RUN	A	0	3	2	2	3	8	40.00	0
AZ530	BSMT CORRIDOR AREA A	4-8" PIPE RUN	A	0	2	1	1	2	15	40.00	0
AZ530	BSMT RM 17 & 18	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	BSMT RM 9 & 10	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	CORRIDOR 2A13	4-8" PIPE RUN	A	0	2	1	1	2	20	20.00	0
AZ530	CRAWL SPACE EAST	4-8" PIPE RUN	A	0	2	1	2	2	2	20.00	0
AZ530	KITCHEN 1B37	4-8" PIPE RUN	A	0	2	1	1	2	12	40.00	0
AZ530	RM 1A7 & 101	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1B1	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1B30 & 1B31	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C10	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C11	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C12	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C14 & 1C13	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C21	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C22	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C6	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C7	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C8 & 1C9	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 1C9	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RM 2A1	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ530	RM 2A4 & 2C8	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B11	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B13	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B14	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B15	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B17 & 2B16	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B2 & 2B3	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B21 & 2B20	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B25	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B27	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B4 & 2B12	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B7	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2B8	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C10	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C11	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C13 & 2C12	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C17	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C20	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C24 & 2C21	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C27 & 2C25	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C28 & 2C26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C29 & 2C31	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C30 & 2C32	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C33	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C35	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C4 & 2C3	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 2C6	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0

Priority Index Codes

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Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ530	RM 2C7 & 2C9	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3A1	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3A4	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3A5 & 3A6	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3A7	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B1	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B11 & 3B9	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B13	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B14	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B15	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B17 & 3B16	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B2 & 3B3	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B20	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B20	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B25	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B27	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B7 & ADJ STAIRS	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3B8 & 3B10	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C1	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C12	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C13	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C15 & 3C14	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C17 & 3C19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C2 & 3C6	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C20 & 3C21	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C22 & 3C30	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C23 & 3C16	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C24	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0

Priority Index Codes

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Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ530	RM 3C26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C27	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C31 & 3C32	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RM 3C5	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ530	RMS 1A1, 1A2, & 1A3	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ530	RMS 1C15, 1C16, 1C17	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	1ST FL NEW ADDITION	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	BOILER RM	4-8" PIPE RUN	A	0	3	2	2	3	8	40.00	0
AZ531	BSMT RM 24	4-8" PIPE RUN	A	0	2	1	1	2	3	40.00	0
AZ531	CORRIDOR 2A13	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	CRAWL SPACE EAST	4-8" PIPE RUN	A	0	2	1	2	2	2	20.00	0
AZ531	KITCHEN 1B37	4-8" PIPE RUN	A	0	2	1	1	2	12	40.00	0
AZ531	RM 1A7 & 101	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1B1	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1B30 & 1B31	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C10	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C11	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C12	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C14 & 1C13	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C21	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C22	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C6	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C7	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C8 & 1C9	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 1C9	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RM 2A1	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2A4 & 2C8	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B11	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B13	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B14	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0

Priority Index Codes

A [=] Long Term Corrective Measure
B [=] Review Management Special Considerations/Remarks
C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
2 [=] Occupant Accessibility
3 [=] Material Condition
4 [=] Level Of Activity
5 [=] Number Of Assigned Occupants

1075-37

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	% ASB.
					1	2	3	4	5		
AZ531	RM 2B15	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B17 & 2B16	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B2 & 2B3	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B21 & 2B20	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B25	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B27	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B4 & 2B12	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B7	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2B8	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C10	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C11	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C13 & 2C12	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C17	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C20	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C24 & 2C21	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C27 & 2C25	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C28 & 2C26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C29 & 2C31	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C30 & 2C32	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C33	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C35	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C4 & 2C3	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C6	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 2C7 & 2C9	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3A1	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3A4	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3A7	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0

Priority Index Codes

A [-] Long Term Corrective Measure
 B [-] Review Management Special Considerations/Remarks
 C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
 2 [-] Occupant Accessability
 3 [-] Material Condition
 4 [-] Level Of Activity
 5 [-] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	± ASB.
					1	2	3	4	5		
AZ531	RM 3B11 & 3B9	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B13	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B14	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B15	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B17 & 3B16	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B2 & 3B3	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B20	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B25	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B27	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B4 & 3B12	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B7 & ADJ STAIRS	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3B8 & 3B10	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C13	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C15 & 3C14	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C17 & 3C19	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C20 & 3C21	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C22 & 3C30	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C23 & 3C16	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C24	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C26	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C27	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C31 & 3C32	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RM 3C5	4-8" PIPE RUN	A	0	2	1	1	2	4	40.00	0
AZ531	RMS 1A1, 1A2, & 1A3	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ531	RMS 1C15, 1C16, 1C17	4-8" PIPE RUN	A	0	2	1	1	2	4	30.00	0
AZ533	BOILER RM	4-8" PIPE FITTING	A	0	3	2	2	3	8	40.00	0
AZ533	BSMT RM 17 & 18	4-8" PIPE FITTING	A	0	2	1	1	2	4	40.00	0
AZ533	BSMT RM 9 & 10	4-8" PIPE FITTING	A	0	2	1	1	2	4	40.00	0

Priority Index Codes

A [=] Long Term Corrective Measure
 B [=] Review Management Special Considerations/Remarks
 C [=] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [=] Material Friability
 2 [=] Occupant Accessibility
 3 [=] Material Condition
 4 [=] Level Of Activity
 5 [=] Number Of Assigned Occupants

TABLE 1075.4
(continued)

EXPOSURE ASSESSMENTS (PRIORITY ORDER) - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

SAMPLE NO.	AREA	MATERIAL TYPE	PRIOR. INDEX CODE	PRIORITY INDEX NUMBER	EXPOSURE FACTORS					AVG. EXP. HOURS	%
					1	2	3	4	5		
AZ540	BOILER RM EAST	BOILERS/TANKS	A	0	2	2	1	3	10	40.00	0
AZ541	BOILER RM EAST	BOILERS/TANKS	A	0	2	2	1	3	10	40.00	0
AZ542	BOILER RM EAST	BOILERS/TANKS	A	0	2	2	1	2	10	40.00	0

Priority Index Codes

A [-] Long Term Corrective Measure
B [-] Review Management Special Considerations/Remarks
C [-] Army Asbestos Deficiency Abatement Project

Priority Index Numbers Are In Scientific Notation

Exposure Factors

1 [-] Material Friability
2 [-] Occupant Accessability
3 [-] Material Condition
4 [-] Level Of Activity
5 [-] Number Of Assigned Occupants

TABLE 1075.5

COST ESTIMATE* - BUILDING 1075, HOSPITAL

TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	AREA 8	AREA 9	AREA 10	AREA 11
Pipe Fittings (EA)												
<4"	36.39	-	-	-	-	-	1.1	-	-	-	-	-
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	-	-	-	-	-	-	-	-	-	-	-
4-8"	18.49	-	-	-	-	-	-	-	-	-	-	-
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	4.4	1.7	1.7	1.7	35.3	-	1.7	1.7	1.7	1.7	0.6
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		4.4	1.7	1.7	1.7	35.3	1.1	1.7	1.7	1.7	1.7	0.6
Difficulty Allowance		-	-	-	-	-	3.3	-	-	-	-	-
SUBTOTAL		4.4	1.7	1.7	1.7	35.3	4.4	1.7	1.7	1.7	1.7	0.6
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		4.5	1.8	1.8	1.8	35.5	4.5	1.8	1.8	1.8	1.8	0.8
Contingency @ 15.00%		0.7	0.3	0.3	0.3	5.3	0.7	0.3	0.3	0.3	0.3	0.1
SUBTOTAL		5.2	2.1	2.1	2.1	40.8	5.2	2.1	2.1	2.1	2.1	0.9
Design Fee @ 6.00%		0.3	0.1	0.1	0.1	2.4	0.3	0.1	0.1	0.1	0.1	**
SUBTOTAL		5.5	2.2	2.2	2.2	43.2	5.5	2.2	2.2	2.2	2.2	0.9
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		8.0	4.7	4.7	4.7	45.7	7.9	4.7	4.7	4.7	4.7	3.4

* Amounts Are In Thousands Of Dollars

** Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 1: 1ST FL CAFE 1B30
 AREA 3: 1ST FL HALLWAY 1A076
 AREA 5: 1ST FL HALLWAY 1A50
 AREA 7: 1ST FL RM 1A0121
 AREA 9: 1ST FL RM 1A027
 AREA 11: 1ST FL RM 1A115

AREA 2: 1ST FL EMERG 1A0142
 AREA 4: 1ST FL HALLWAY 1A078
 AREA 6: 1ST FL NEW ADDITION
 AREA 8: 1ST FL RM 1A0159
 AREA 10: 1ST FL RM 1A06

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TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 12	AREA 13	AREA 14	AREA 15	AREA 16	AREA 17	AREA 18	AREA 19	AREA 20	AREA 21	AREA 22
Pipe Fittings (EA)												
<4"	36.39	-	-	-	-	-	-	-	-	-	-	-
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	-	-	-	-	-	-	-	-	-	-	-
4-8"	18.49	-	-	-	-	-	-	-	-	-	-	-
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	1.3	4.4	1.1	1.1	1.1	0.5	4.4	0.2	11.7	11.7	11.7
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		1.3	4.4	1.1	1.1	1.1	0.5	4.4	0.2	11.7	11.7	11.7
Difficulty Allowance	-	-	-	-	-	-	-	-	0.2	-	-	-
SUBTOTAL		1.3	4.4	1.1	1.1	1.1	0.5	4.4	0.5	11.7	11.7	11.7
Decontamination Units	**	**	**	**	**	**	**	**	**	**	**	**
Mobilization	**	**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		1.5	4.5	1.3	1.2	1.2	0.7	4.5	0.6	11.8	11.8	11.8
Contingency @ 15.00%		0.2	0.7	0.2	0.2	0.2	**	0.7	**	1.8	1.8	1.8
SUBTOTAL		1.7	5.2	1.4	1.4	1.4	0.8	5.2	0.7	13.6	13.6	13.6
Design Fee @ 6.00%		0.1	0.3	**	**	**	**	0.3	**	0.8	0.8	0.8
SUBTOTAL		1.8	5.5	1.5	1.4	1.5	0.8	5.5	0.7	14.4	14.4	14.4
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		4.3	8.0	4.0	3.9	4.0	3.3	8.0	3.2	16.8	16.8	16.8

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 12: 1ST FL RM 1A121
AREA 14: 1ST FL RM 1A21
AREA 16: 1ST FL RM 1A26
AREA 18: 1ST FL RM 1B28
AREA 20: 2ND FL HALLWAY 2C34
AREA 22: 2ND FL RM 2B27

AREA 13: 1ST FL RM 1A13
AREA 15: 1ST FL RM 1A25
AREA 17: 1ST FL RM 1B22
AREA 19: 1ST FL WOMEN RR 1A5
AREA 21: 2ND FL LOBBY 2A3

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 23	AREA 24	AREA 25	AREA 26	AREA 27	AREA 28	AREA 29	AREA 30	AREA 31	AREA 32	AREA 33
Pipe Fittings (EA)												
<4"	36.39	-	-	-	-	-	-	-	-	-	-	0.9
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	2.3
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	0.8
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	-	-	-	-	-	-	-	-	-	-	6.2
4-8"	18.49	-	-	-	-	-	-	-	-	-	-	19.7
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	12.3
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	0.3	13.0	13.0	6.4	-	0.9	0.9	0.7	2.6	2.6	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	7.7	-	-	3.0	-	-	-
SUBTOTAL		0.3	13.0	13.0	6.4	7.7	0.9	0.9	3.7	2.6	2.6	42.2
Difficulty Allowance		-	-	-	-	8.6	-	-	4.5	-	-	76.3
SUBTOTAL		0.3	13.0	13.0	6.4	16.3	0.9	0.9	8.3	2.6	2.6	118.4
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		0.4	13.1	13.1	6.5	16.4	1.0	1.0	8.4	2.7	2.7	118.5
Contingency @ 15.00%		**	2.0	2.0	1.0	2.5	0.1	0.1	1.3	0.4	0.4	17.8
SUBTOTAL		0.4	15.1	15.1	7.5	18.9	1.1	1.1	9.6	3.1	3.1	136.3
Design Fee @ 6.00%		**	0.9	0.9	0.4	1.1	**	**	0.6	0.2	0.2	8.2
SUBTOTAL		0.5	16.0	16.0	7.9	20.0	1.2	1.2	10.2	3.3	3.3	144.5
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		2.9	18.4	18.4	10.4	22.5	3.7	3.7	12.7	5.7	5.7	147.0

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 23: 3RD FL 3A5 CORRIDOR
AREA 25: 3RD FL RM 3B27
AREA 27: BASEMENT RM 14
AREA 29: BASEMENT RM 14 SOUTH
AREA 31: BASEMENT RM 2 NORTH
AREA 33: BOILER RM

AREA 24: 3RD FL RM 3A3
AREA 26: BASEMENT
AREA 28: BASEMENT RM 14 NORTH
AREA 30: BASEMENT RM 16
AREA 32: BASEMENT RM 2 SOUTH

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TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 34	AREA 35	AREA 36	AREA 37	AREA 38	AREA 39	AREA 40	AREA 41	AREA 42	AREA 43	AREA 44
Pipe Fittings (EA)												
<4"	36.39	-	-	-	0.9	0.2	0.4	0.4	0.4	0.6	0.4	0.4
4-8"	50.10	-	-	-	2.5	-	-	0.3	-	-	-	-
9-14"	112.35	-	-	-	0.6	1.1	-	0.6	-	1.7	-	0.6
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	-	-	-	2.4	0.2	0.3	0.3	0.1	**	0.1	0.3
4-8"	18.49	-	-	-	6.7	0.6	0.6	1.5	0.2	1.0	0.2	0.4
9-14"	40.14	-	-	-	2.0	-	-	0.8	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	30.1	12.7	27.7	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		30.1	12.7	27.7	15.1	2.2	1.2	3.7	0.7	3.4	0.7	1.6
Difficulty Allowance		105.3	44.3	97.0	31.9	4.3	2.4	9.9	2.1	6.8	2.1	4.7
SUBTOTAL		135.4	57.0	124.7	47.0	6.5	3.6	13.6	2.7	10.2	2.7	6.3
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		135.5	57.1	124.8	47.1	6.6	3.7	13.7	2.9	10.3	2.9	6.4
Contingency @ 15.00%		20.3	8.6	18.7	7.1	1.0	0.6	2.1	0.4	1.5	0.4	1.0
SUBTOTAL		155.8	65.7	143.5	54.1	7.6	4.2	15.8	3.3	11.8	3.3	7.3
Design Fee @ 6.00%		9.3	3.9	8.6	3.2	0.5	0.3	0.9	0.2	0.7	0.2	0.4
SUBTOTAL		165.2	69.6	152.1	57.4	8.0	4.5	16.7	3.5	12.5	3.5	7.8
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		167.7	72.1	154.6	59.9	10.5	7.0	19.2	6.0	15.0	6.0	10.2

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 34: BOILER RM CENTER
AREA 36: BOILER RM WEST
AREA 38: BSMT RM 1
AREA 40: BSMT RM 17 & 18
AREA 42: BSMT RM 2
AREA 44: BSMT RM 21

AREA 35: BOILER RM W TUNNEL
AREA 37: BSMT CORRIDOR AREA A
AREA 39: BSMT RM 12 & 13
AREA 41: BSMT RM 19
AREA 43: BSMT RM 20

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TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 45	AREA 46	AREA 47	AREA 48	AREA 49	AREA 50	AREA 51	AREA 52	AREA 53	AREA 54	AREA 55
Pipe Fittings (EA)												
<4"	36.39	0.4	0.4	-	0.4	-	0.5	0.2	0.5	1.8	0.9	7.6
4-8"	50.10	-	0.3	-	-	-	-	-	0.3	-	-	2.0
9-14"	112.35	0.6	-	-	1.1	-	-	-	-	-	-	1.1
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	0.3	0.1	-	0.1	-	0.8	0.1	0.3	0.3	0.3	5.0
4-8"	18.49	0.4	0.7	0.3	0.4	0.3	0.9	0.2	0.6	2.8	2.8	19.2
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		1.6	1.5	0.3	2.0	0.3	2.3	0.5	1.6	4.9	3.9	35.0
Difficulty Allowance		4.7	4.0	0.8	4.9	0.6	4.6	1.0	3.2	14.6	11.7	87.5
SUBTOTAL		6.3	5.5	1.1	6.8	0.8	6.8	1.5	4.9	19.4	15.7	122.4
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		6.4	5.6	1.2	7.0	1.0	7.0	1.6	5.0	19.6	15.8	122.6
Contingency @ 15.00%		1.0	0.8	0.2	1.0	0.1	1.0	0.2	0.7	2.9	2.4	18.4
SUBTOTAL		7.3	6.4	1.4	8.0	1.1	8.0	1.9	5.7	22.5	18.2	140.9
Design Fee @ 6.00%		0.4	0.4	**	0.5	**	0.5	0.1	0.3	1.4	1.1	8.5
SUBTOTAL		7.8	6.8	1.5	8.5	1.2	8.5	2.0	6.1	23.9	19.2	149.4
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		10.2	9.3	4.0	11.0	3.6	11.0	4.5	8.5	26.3	21.7	151.9

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 45: BSMT RM 22
AREA 47: BSMT RM 26
AREA 49: BSMT RM 5
AREA 51: BSMT RM 7 & 8
AREA 53: CORRIDOR 1A50
AREA 55: CRAWL SPACE EAST

AREA 46: BSMT RM 24
AREA 48: BSMT RM 4 & 3
AREA 50: BSMT RM 6
AREA 52: BSMT RM 9 & 10
AREA 54: CORRIDOR 2A13

1075-45

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 56	AREA 57	AREA 58	AREA 59	AREA 60	AREA 61	AREA 62	AREA 63	AREA 64	AREA 65	AREA 66
Pipe Fittings (EA)												
<4"	36.39	2.9	4.5	0.9	0.8	0.2	0.3	1.5	1.1	0.6	1.1	1.1
4-8"	50.10	95.6	3.6	-	-	-	0.4	1.8	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	28.3	15.2	0.2	0.1	0.1	0.1	0.8	0.2	0.1	0.2	0.2
4-8"	18.49	195.1	10.7	0.9	0.7	0.5	0.9	3.1	1.5	0.6	1.1	1.1
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		321.9	34.0	2.0	1.6	0.8	1.8	7.1	2.8	1.2	2.4	2.4
Difficulty Allowance		965.7	102.0	6.0	4.9	2.4	5.3	21.2	8.4	3.7	7.2	7.2
SUBTOTAL		1287.6	135.9	8.1	6.6	3.3	7.0	28.3	11.1	5.0	9.7	9.7
Decontamination Units		**	**	**	**	**	**	**	**	**	**	**
Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		1287.8	136.1	8.2	6.7	3.4	7.1	28.4	11.3	5.1	9.8	9.8
Contingency @ 15.00%		193.2	20.4	1.2	1.0	0.5	1.1	4.3	1.7	0.8	1.5	1.5
SUBTOTAL		1480.9	156.5	9.4	7.7	3.9	8.2	32.7	13.0	5.9	11.3	11.3
Design Fee @ 6.00%		88.9	9.4	0.6	0.5	0.2	0.5	2.0	0.8	0.4	0.7	0.7
SUBTOTAL		1569.8	165.9	10.0	8.2	4.1	8.7	34.6	13.7	6.2	11.9	11.9
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		1572.2	168.3	12.4	10.7	6.6	11.2	37.1	16.2	8.7	14.4	14.4

* Amounts Are In Thousands Of Dollars

** Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 56: CRAWL SPACE NORTH
AREA 58: KITCHEN 1B37
AREA 60: RM 1A8
AREA 62: RM 1B30 & 1B31
AREA 64: RM 1C11
AREA 66: RM 1C14 & 1C13

AREA 57: CRAWL SPACE S/W
AREA 59: RM 1A7 & 101
AREA 61: RM 1B1
AREA 63: RM 1C10
AREA 65: RM 1C12

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 67	AREA 68	AREA 69	AREA 70	AREA 71	AREA 72	AREA 73	AREA 74	AREA 75	AREA 76	AREA 77
Pipe Fittings (EA)												
<4"	36.39	1.1	1.1	0.6	0.9	0.9	0.9	0.2	0.4	0.4	0.4	0.9
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	0.2	0.2	0.1	0.2	0.4	0.2	**	0.1	**	**	0.1
4-8"	18.49	1.2	1.5	0.6	1.1	3.5	1.1	0.5	0.7	0.6	0.5	0.6
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		2.5	2.8	1.3	2.3	4.8	2.3	0.7	1.3	1.1	1.0	1.7
Difficulty Allowance		7.5	8.4	4.0	6.9	14.5	6.8	2.2	3.9	3.2	2.9	5.0
SUBTOTAL		10.0	11.1	5.3	9.2	19.3	9.1	3.0	5.2	4.2	3.9	6.6
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		10.2	11.3	5.5	9.3	19.5	9.2	3.1	5.4	4.4	4.0	6.7
Contingency @ 15.00%		1.5	1.7	0.8	1.4	2.9	1.4	0.5	0.8	0.7	0.6	1.0
SUBTOTAL		11.7	13.0	6.3	10.7	22.4	10.6	3.6	6.2	5.0	4.6	7.8
Design Fee @ 6.00%		0.7	0.8	0.4	0.6	1.3	0.6	0.2	0.4	0.3	0.3	0.5
SUBTOTAL		12.4	13.7	6.7	11.4	23.7	11.2	3.8	6.5	5.3	4.9	8.2
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		14.9	16.2	9.1	13.8	26.2	13.7	6.3	9.0	7.8	7.3	10.7

* Amounts Are In Thousands Of Dollars

** Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 67: RM 1C21
AREA 69: RM 1C6
AREA 71: RM 1C8 & 1C9
AREA 73: RM 2A1
AREA 75: RM 2B11
AREA 77: RM 2B14

AREA 68: RM 1C22
AREA 70: RM 1C7
AREA 72: RM 1C9
AREA 74: RM 2A4 & 2C8
AREA 76: RM 2B13

1075-47

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 78	AREA 79	AREA 80	AREA 81	AREA 82	AREA 83	AREA 84	AREA 85	AREA 86	AREA 87	AREA 88
Pipe Fittings (EA)												
<4"	36.39	0.4	0.4	0.2	0.4	0.4	0.9	1.7	1.7	1.7	0.4	0.4
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	**	**	**	**	**	0.1	0.3	0.3	0.3	**	**
4-8"	18.49	0.4	0.8	0.4	0.4	0.6	1.2	2.0	2.0	2.0	0.6	0.9
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		0.9	1.3	0.7	0.9	1.1	2.2	4.0	4.0	4.0	1.1	1.4
Difficulty Allowance		2.6	4.0	2.1	2.6	3.2	6.6	12.0	12.0	12.0	3.2	4.2
SUBTOTAL		3.5	5.3	2.8	3.5	4.2	8.8	16.1	16.1	16.1	4.2	5.6
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		3.6	5.5	2.9	3.6	4.4	9.0	16.2	16.2	16.2	4.4	5.7
Contingency @ 15.00%		0.5	0.8	0.4	0.5	0.7	1.3	2.4	2.4	2.4	0.7	0.9
SUBTOTAL		4.2	6.3	3.3	4.2	5.0	10.3	18.6	18.6	18.6	5.0	6.5
Design Fee @ 6.00%		0.2	0.4	0.2	0.2	0.3	0.6	1.1	1.1	1.1	0.3	0.4
SUBTOTAL		4.4	6.7	3.5	4.4	5.3	10.9	19.7	19.7	19.7	5.3	6.9
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		6.9	9.1	6.0	6.9	7.8	13.4	22.2	22.2	22.2	7.8	9.4

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 78: RM 2B15
AREA 80: RM 2B18
AREA 82: RM 2B2 & 2B3
AREA 84: RM 2B25
AREA 86: RM 2B27
AREA 88: RM 2B7

AREA 79: RM 2B17 & 2B16
AREA 81: RM 2B19
AREA 83: RM 2B21 & 2B20
AREA 85: RM 2B26
AREA 87: RM 2B4 & 2B12

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 89	AREA 90	AREA 91	AREA 92	AREA 93	AREA 94	AREA 95	AREA 96	AREA 97	AREA 98	AREA 99
Pipe Fittings (EA)												
<4"	36.39	0.4	0.2	0.2	0.4	0.2	0.2	0.2	0.4	0.4	0.7	0.4
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	**	**	**	0.1	**	**	**	0.1	0.1	0.2	0.1
4-8"	18.49	0.6	0.4	0.5	0.8	0.4	0.4	0.4	0.8	0.7	0.8	0.7
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		1.1	0.7	0.7	1.4	0.7	0.7	0.7	1.4	1.2	1.7	1.3
Difficulty Allowance		3.2	2.0	2.2	4.2	2.2	2.0	2.0	4.2	3.7	5.3	3.9
SUBTOTAL		4.2	2.6	3.0	5.6	2.9	2.6	2.6	5.6	4.9	7.0	5.2
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		4.4	2.7	3.1	5.7	3.0	2.7	2.7	5.7	5.1	7.1	5.4
Contingency @ 15.00%		0.7	0.4	0.5	0.9	0.5	0.4	0.4	0.9	0.8	1.1	0.8
SUBTOTAL		5.0	3.2	3.6	6.6	3.5	3.2	3.2	6.6	5.8	8.2	6.2
Design Fee @ 6.00%		0.3	0.2	0.2	0.4	0.2	0.2	0.2	0.4	0.3	0.5	0.4
SUBTOTAL		5.3	3.3	3.8	7.0	3.7	3.3	3.3	7.0	6.2	8.7	6.5
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		7.8	5.8	6.3	9.5	6.2	5.8	5.8	9.5	8.7	11.2	9.0

* Amounts Are In Thousands Of Dollars

** Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 89: RM 2B8
AREA 91: RM 2C11
AREA 93: RM 2C17
AREA 95: RM 2C20
AREA 97: RM 2C27 & 2C25
AREA 99: RM 2C29 & 2C31

AREA 90: RM 2C10
AREA 92: RM 2C13 & 2C12
AREA 94: RM 2C19
AREA 96: RM 2C24 & 2C21
AREA 98: RM 2C28 & 2C26

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 100	AREA 101	AREA 102	AREA 103	AREA 104	AREA 105	AREA 106	AREA 107	AREA 108	AREA 109	AREA 110
Pipe Fittings (EA)												
<4"	36.39	0.4	0.2	0.9	0.2	0.4	0.4	0.2	0.2	-	0.2	-
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	0.1	**	0.3	**	0.1	0.1	**	**	-	**	-
4-8"	18.49	0.7	0.4	2.3	0.6	0.7	0.7	0.4	0.3	0.2	0.3	0.4
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		1.3	0.7	3.5	0.9	1.3	1.3	0.7	0.6	0.2	0.6	0.4
Difficulty Allowance		3.9	2.0	10.4	2.8	3.9	3.9	2.1	1.7	0.6	1.9	1.1
SUBTOTAL		5.2	2.6	13.8	3.7	5.2	5.2	2.8	2.3	0.8	2.5	1.5
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		5.4	2.7	13.9	3.9	5.4	5.4	3.0	2.4	0.9	2.6	1.6
Contingency @ 15.00%		0.8	0.4	2.1	0.6	0.8	0.8	0.4	0.4	0.1	0.4	0.2
SUBTOTAL		6.2	3.2	16.0	4.4	6.2	6.2	3.4	2.8	1.1	3.0	1.8
Design Fee @ 6.00%		0.4	0.2	1.0	0.3	0.4	0.4	0.2	0.2	**	0.2	0.1
SUBTOTAL		6.5	3.3	17.0	4.7	6.5	6.5	3.6	3.0	1.1	3.2	2.0
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		9.0	5.8	19.5	7.2	9.0	9.0	6.1	5.5	3.6	5.6	4.4

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 100: RM 2C30 & 2C32
AREA 102: RM 2C35
AREA 104: RM 2C6
AREA 106: RM 3A1
AREA 108: RM 3A5 & 3A6
AREA 110: RM 3B1

AREA 101: RM 2C33
AREA 103: RM 2C4 & 2C3
AREA 105: RM 2C7 & 2C9
AREA 107: RM 3A4
AREA 109: RM 3A7

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 111	AREA 112	AREA 113	AREA 114	AREA 115	AREA 116	AREA 117	AREA 118	AREA 119	AREA 120	AREA 121
Pipe Fittings (EA)												
<4"	36.39	0.4	0.4	0.7	0.4	0.4	0.2	0.4	0.4	0.8	1.7	1.7
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	**	0.3	0.5	**	**	**	**	**	0.9	0.3	0.3
4-8"	18.49	0.6	0.1	0.2	0.4	0.8	0.4	0.4	0.6	-	2.0	2.0
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		1.1	0.8	1.4	0.9	1.3	0.7	0.9	1.1	1.7	4.0	4.0
Difficulty Allowance		3.0	2.4	4.3	2.6	4.0	2.1	2.6	3.2	5.0	12.0	12.0
SUBTOTAL		4.0	3.2	5.7	3.5	5.3	2.8	3.5	4.2	6.7	16.1	16.1
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		4.1	3.4	5.8	3.6	5.5	2.9	3.6	4.4	6.8	16.2	16.2
Contingency @ 15.00%		0.6	0.5	0.9	0.5	0.8	0.4	0.5	0.7	1.0	2.4	2.4
SUBTOTAL		4.8	3.9	6.7	4.2	6.3	3.3	4.2	5.0	7.9	18.6	18.6
Design Fee @ 6.00%		0.3	0.2	0.4	0.2	0.4	0.2	0.2	0.3	0.5	1.1	1.1
SUBTOTAL		5.0	4.1	7.1	4.4	6.7	3.5	4.4	5.3	8.3	19.7	19.7
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		7.5	6.6	9.5	6.9	9.1	6.0	6.9	7.8	10.8	22.2	22.2

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 111: RM 3B11 & 3B9
AREA 113: RM 3B14
AREA 115: RM 3B17 & 3B16
AREA 117: RM 3B19
AREA 119: RM 3B20
AREA 121: RM 3B26

AREA 112: RM 3B13
AREA 114: RM 3B15
AREA 116: RM 3B18
AREA 118: RM 3B2 & 3B3
AREA 120: RM 3B25

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TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 122	AREA 123	AREA 124	AREA 125	AREA 126	AREA 127	AREA 128	AREA 129	AREA 130	AREA 131	AREA 132
Pipe Fittings (EA)												
<4"	36.39	1.7	0.4	0.4	0.4	-	-	0.2	0.4	0.4	-	0.4
4-8"	50.10	-	-	-	-	-	-	-	-	-	-	-
9-14"	112.35	-	-	-	-	-	-	-	-	-	-	-
>14"	191.69	-	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)												
<4"	13.47	0.3	**	0.1	**	-	-	**	0.1	0.1	-	0.1
4-8"	18.49	2.0	0.7	1.3	0.6	0.3	0.2	0.4	0.6	0.9	0.4	0.9
9-14"	40.14	-	-	-	-	-	-	-	-	-	-	-
>14"	67.39	-	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	-	-
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		4.0	1.1	1.8	1.1	0.3	0.2	0.7	1.2	1.4	0.4	1.4
Difficulty Allowance		12.0	3.4	5.5	3.2	0.9	0.6	2.0	3.6	4.3	1.2	4.3
SUBTOTAL		16.1	4.5	7.3	4.3	1.3	0.7	2.6	4.8	5.8	1.6	5.8
Decontamination Units Mobilization		**	**	**	**	**	**	**	**	**	**	**
SUBTOTAL		16.2	4.7	7.4	4.4	1.4	0.9	2.7	4.9	5.9	1.8	5.9
Contingency @ 15.00%		2.4	0.7	1.1	0.7	0.2	0.1	0.4	0.7	0.9	0.3	0.9
SUBTOTAL		18.6	5.4	8.6	5.1	1.6	1.0	3.2	5.7	6.8	2.0	6.8
Design Fee @ 6.00%		1.1	0.3	0.5	0.3	**	**	0.2	0.3	0.4	0.1	0.4
SUBTOTAL		19.7	5.7	9.1	5.4	1.7	1.1	3.3	6.0	7.2	2.1	7.2
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
TOTAL		22.2	8.1	11.5	7.8	4.2	3.5	5.8	8.5	9.6	4.6	9.6

*Amounts Are In Thousands Of Dollars

**Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 122: RM 3B27
AREA 124: RM 3B7 & ADJ STAIRS
AREA 126: RM 3C1
AREA 128: RM 3C13
AREA 130: RM 3C17 & 3C19
AREA 132: RM 3C20 & 3C21

AREA 123: RM 3B4 & 3B12
AREA 125: RM 3B8 & 3B10
AREA 127: RM 3C12
AREA 129: RM 3C15 & 3C14
AREA 131: RM 3C2 & 3C6

TABLE 1075.5
(continued)
COST ESTIMATE* - BUILDING 1075, HOSPITAL
TYPE OCCUPANCY: ADULTS (GOVERNMENT)

DESCRIPTION	UNIT COST (\$)	AREA 133	AREA 134	AREA 135	AREA 136	AREA 137	AREA 138	AREA 139	AREA 140	AREA 141	TOTAL
Pipe Fittings (EA)											
<4"	36.39	0.4	0.4	0.2	0.2	0.2	0.4	0.2	0.6	0.6	73.1
4-8"	50.10	-	-	-	-	-	-	-	0.3	-	109.2
9-14"	112.35	-	-	-	-	-	-	-	-	-	8.1
>14"	191.69	-	-	-	-	-	-	-	-	-	-
Pipe Runs (LF)											
<4"	13.47	0.1	0.1	**	**	**	0.1	**	0.2	0.1	72.9
4-8"	18.49	0.7	0.6	0.4	0.4	0.8	1.1	0.3	1.4	1.2	334.4
9-14"	40.14	-	-	-	-	-	-	-	-	-	15.1
>14"	67.39	-	-	-	-	-	-	-	-	-	-
Sprayed/Troweled Ceilings (SF)	10.01	-	-	-	-	-	-	-	-	-	-
Floor Tile (SF)	5.33	-	-	-	-	-	-	-	-	-	141.6
Boilers/Tanks (SF)	41.10	-	-	-	-	-	-	-	-	-	-
Air Handling Equipment (SF)	41.10	-	-	-	-	-	-	-	-	-	70.4
Other		-	-	-	-	-	-	-	-	-	10.8
SUBTOTAL		1.3	1.2	0.7	0.7	1.0	1.7	0.6	2.5	1.9	835.6
Difficulty Allowance		3.8	3.6	2.2	2.0	3.1	5.0	1.7	7.4	5.7	2003.2
SUBTOTAL		5.0	4.8	2.9	2.6	4.2	6.7	2.3	9.8	7.6	2838.8
Decontamination Units		**	**	**	**	**	**	**	**	**	13.2
Mobilization		**	**	**	**	**	**	**	**	**	4.2
SUBTOTAL		5.1	4.9	3.0	2.7	4.3	6.8	2.4	9.9	7.7	2856.2
Contingency @ 15.00%		0.8	0.7	0.5	0.4	0.6	1.0	0.4	1.5	1.2	428.4
SUBTOTAL		5.9	5.7	3.5	3.2	4.9	7.9	2.8	11.4	8.8	3284.7
Design Fee @ 6.00%		0.4	0.3	0.2	0.2	0.3	0.5	0.2	0.7	0.5	197.1
SUBTOTAL		6.3	6.0	3.7	3.3	5.2	8.3	3.0	12.1	9.4	3481.8
Air Monitoring		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	348.2
TOTAL		8.7	8.5	6.2	5.8	7.7	10.8	5.5	14.6	11.8	3829.9

* Amounts Are In Thousands Of Dollars

** Less Than \$100 For The Area; Amount Not Printed But Included In Total(s)

AREA 133: RM 3C22 & 3C30
AREA 135: RM 3C24
AREA 137: RM 3C27
AREA 139: RM 3C5
AREA 141: RMS 1C15, 1C16, 1C17

AREA 134: RM 3C23 & 3C16
AREA 136: RM 3C26
AREA 138: RM 3C31 & 3C32
AREA 140: RMS 1A1, 1A2, & 1A3

SECTION 1075.4

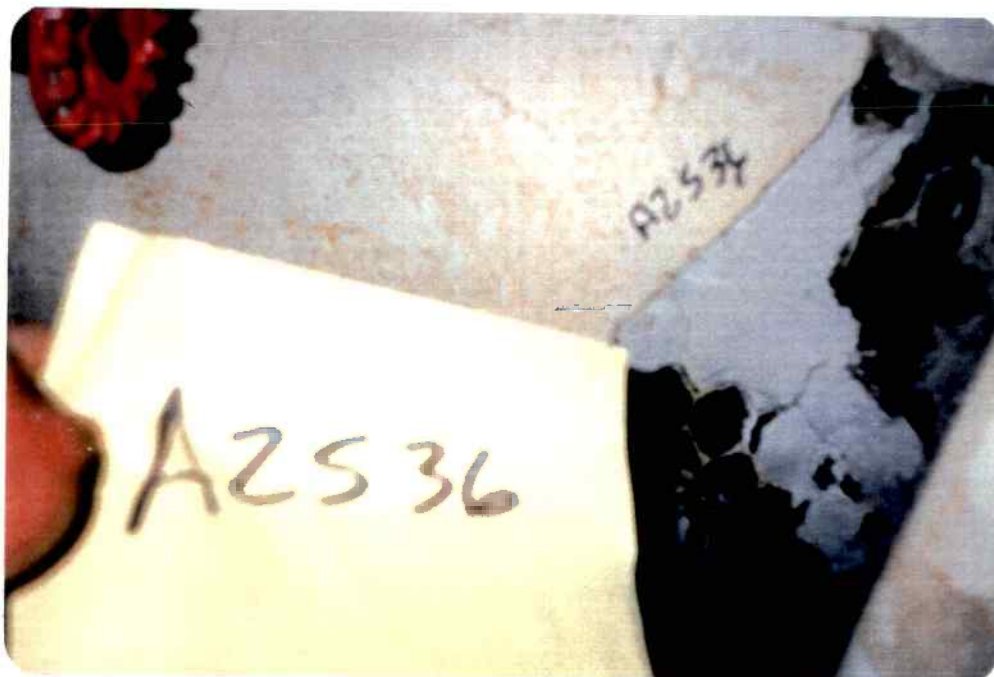
PHOTOS



AZ507 - Bldg. 1075 (Hospital) Boiler Room 4-8" pipe fitting tested positive for asbestos.



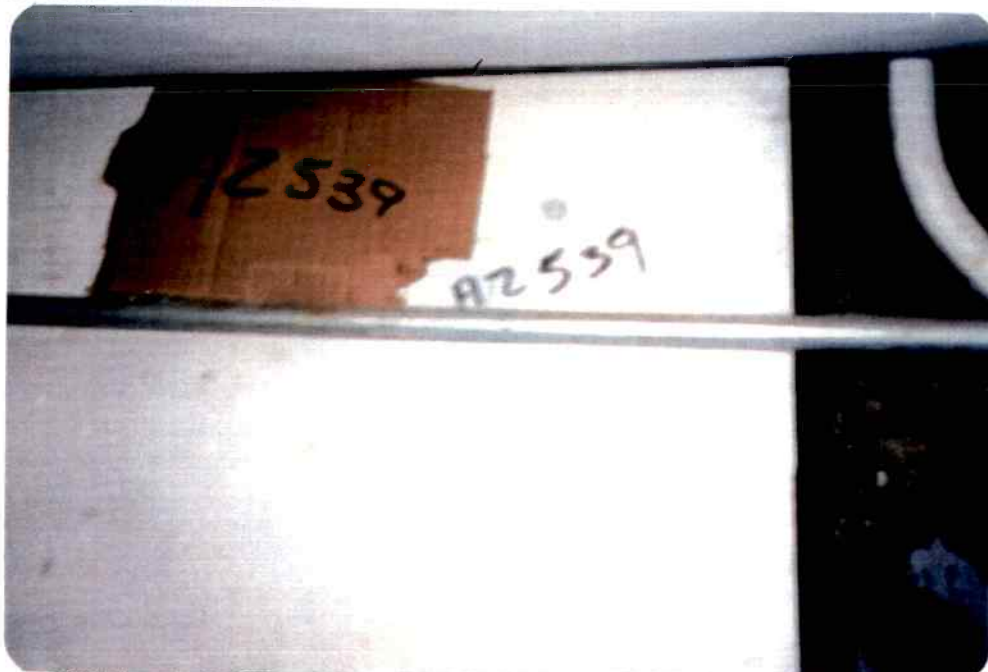
AZ534 - Boiler Room 9-14" pipe fitting tested positive for asbestos.



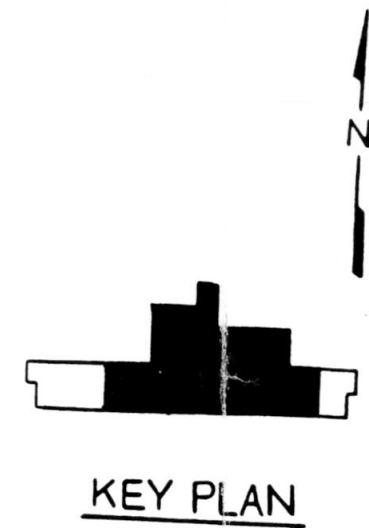
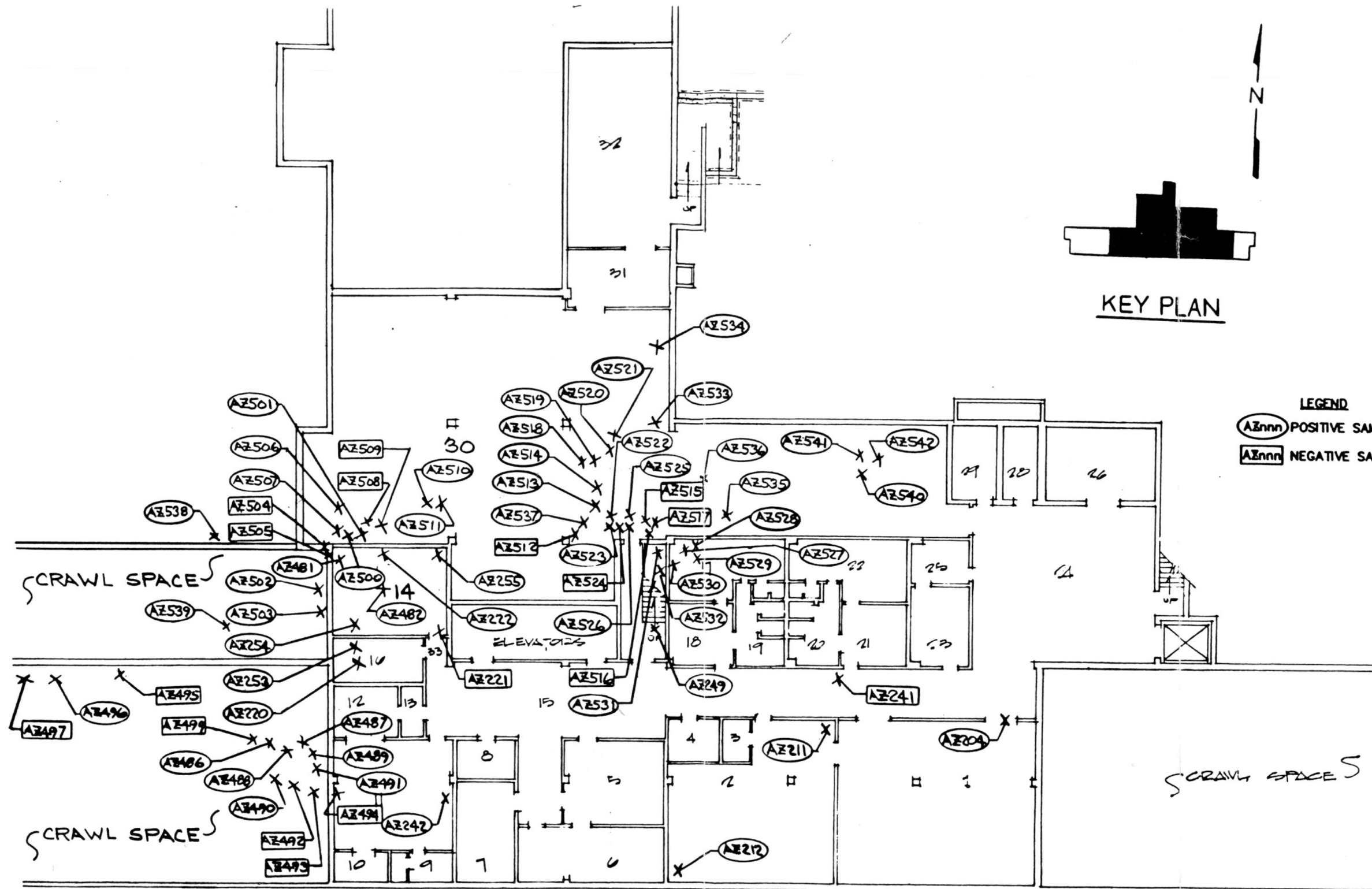
AZ536 - Boiler Room, Air handling equipment insulation tested positive for asbestos.



AZ538 - Boiler Room - Air handling equipment insulation tested positive for asbestos.



AZ539 - Boiler Room air handling equipment insulation tested positive for asbestos.



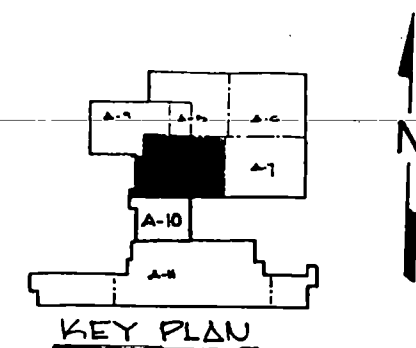
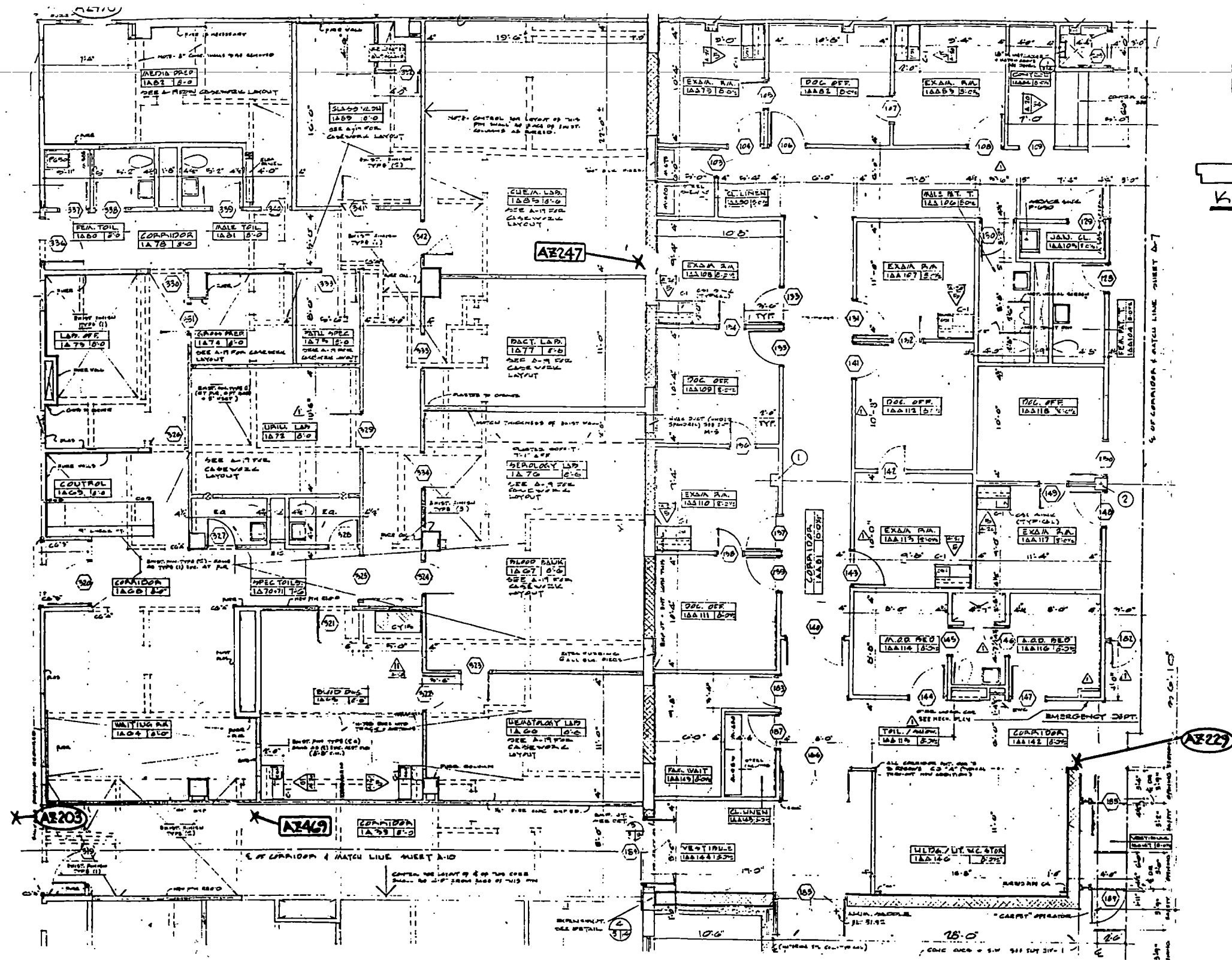
KEY PLAN

LEGEND
 (AZnnn) POSITIVE SAMPLE
 [AZnnn] NEGATIVE SAMPLE

BASEMENT PLAN

LEGEND
 (FHnnn) POSITIVE SAMPLE
 [FHnnn] NEGATIVE SAMPLE



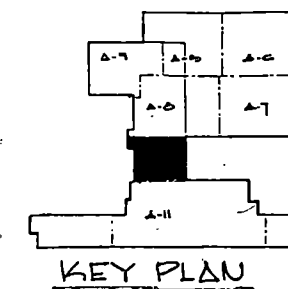
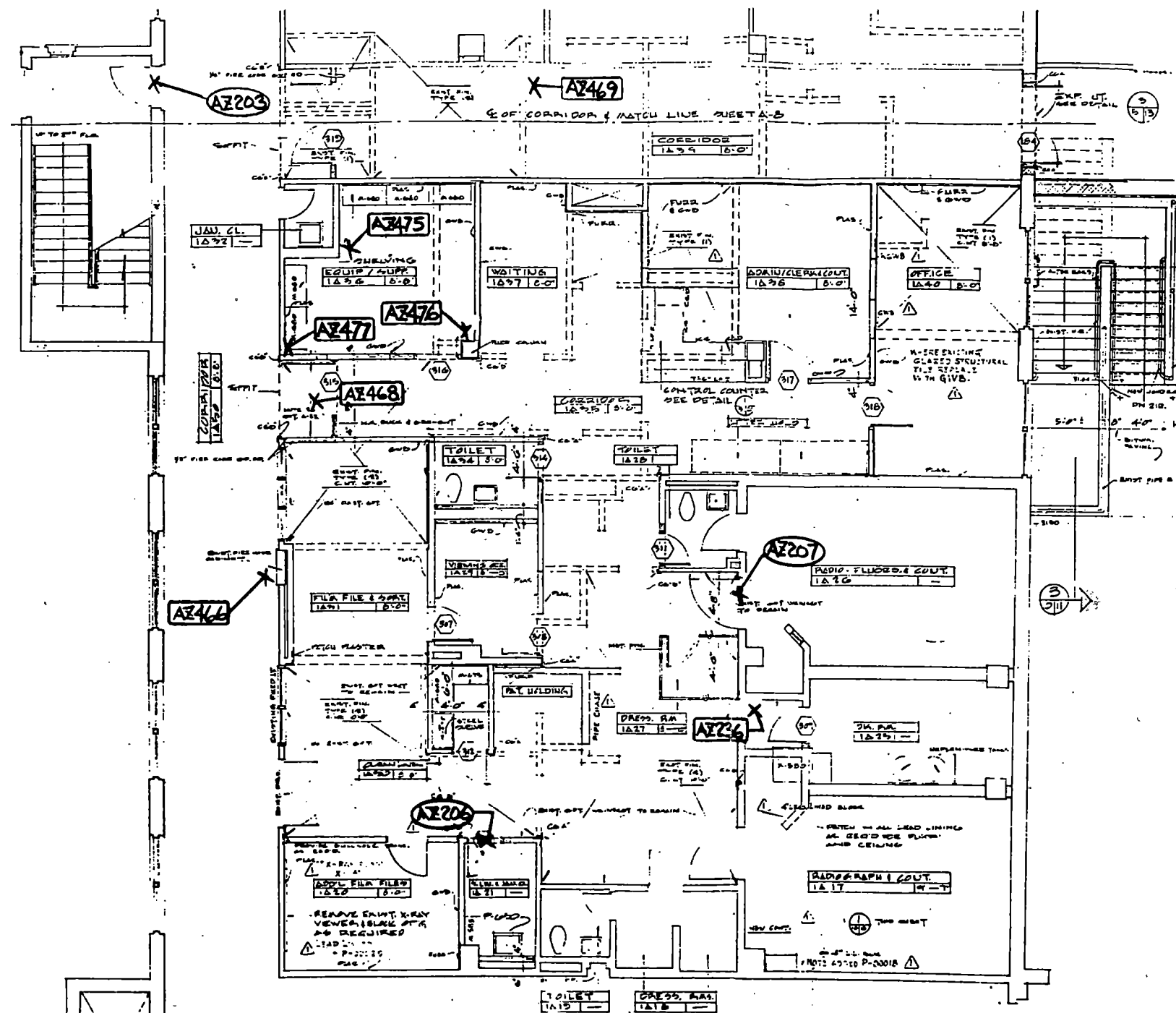


LEGEND

FHnnn POSITIVE SAMPLE

FHnnn NEGATIVE SAMPLE

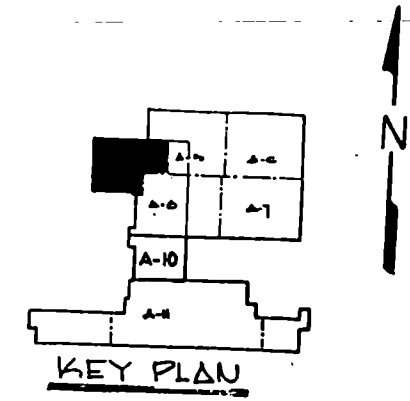
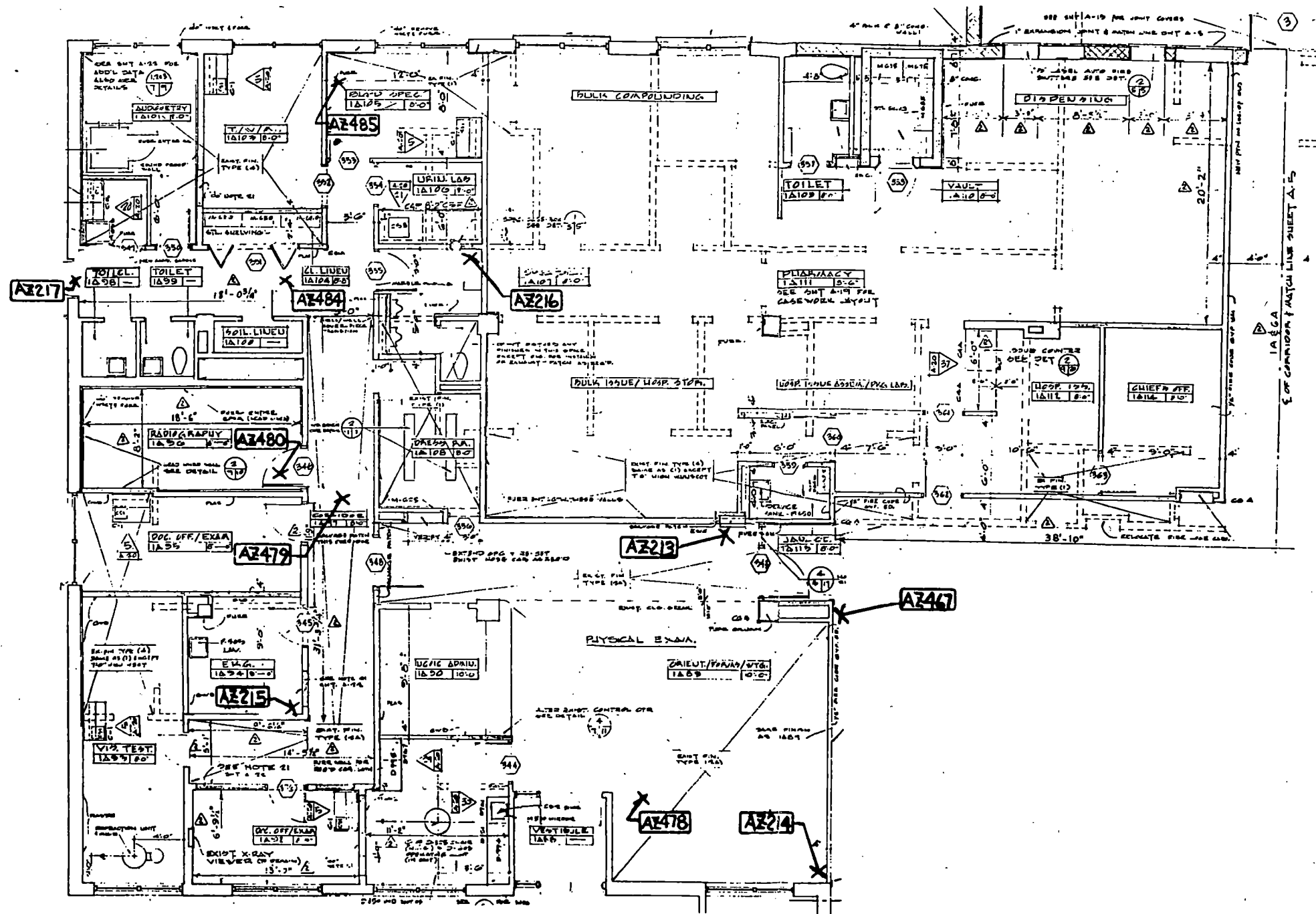
WESTON
MANAGERS DESIGNERS/CONSULTANTS



PARTIAL FIRST FLOOR PLAN

LEGEND
 FHnnn POSITIVE SAMPLE
 FHnnn NEGATIVE SAMPLE

WESTON
 MANAGERS DESIGNERS/CONSULTANTS



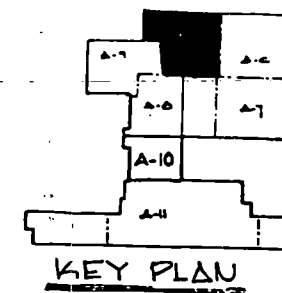
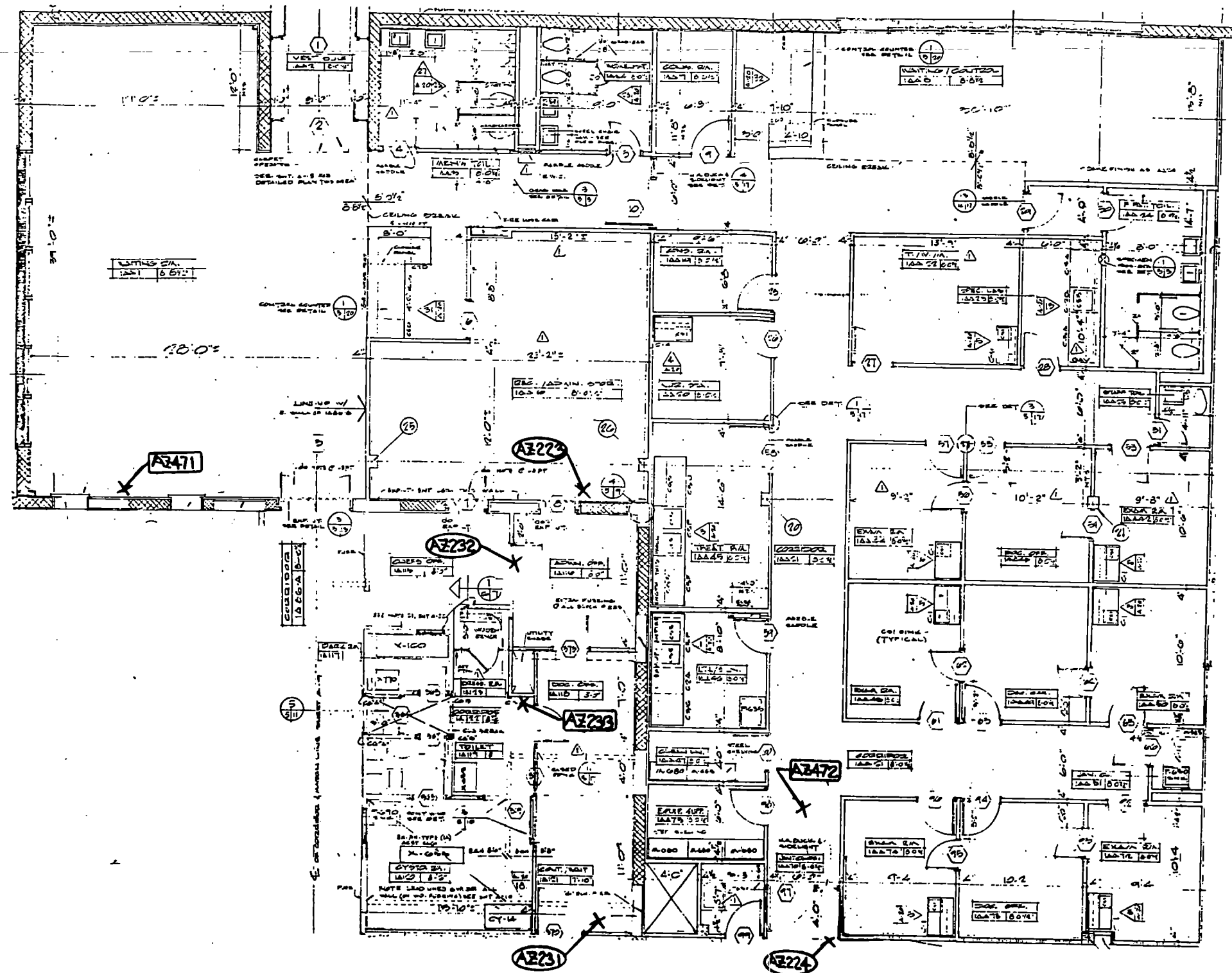
PARTIAL FIRST FLOOR PLAN

LEGEND

FHnnn POSITIVE SAMPLE

FHnnn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS CONSULTANTS



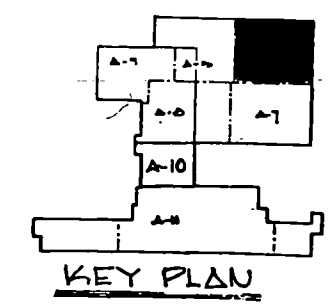
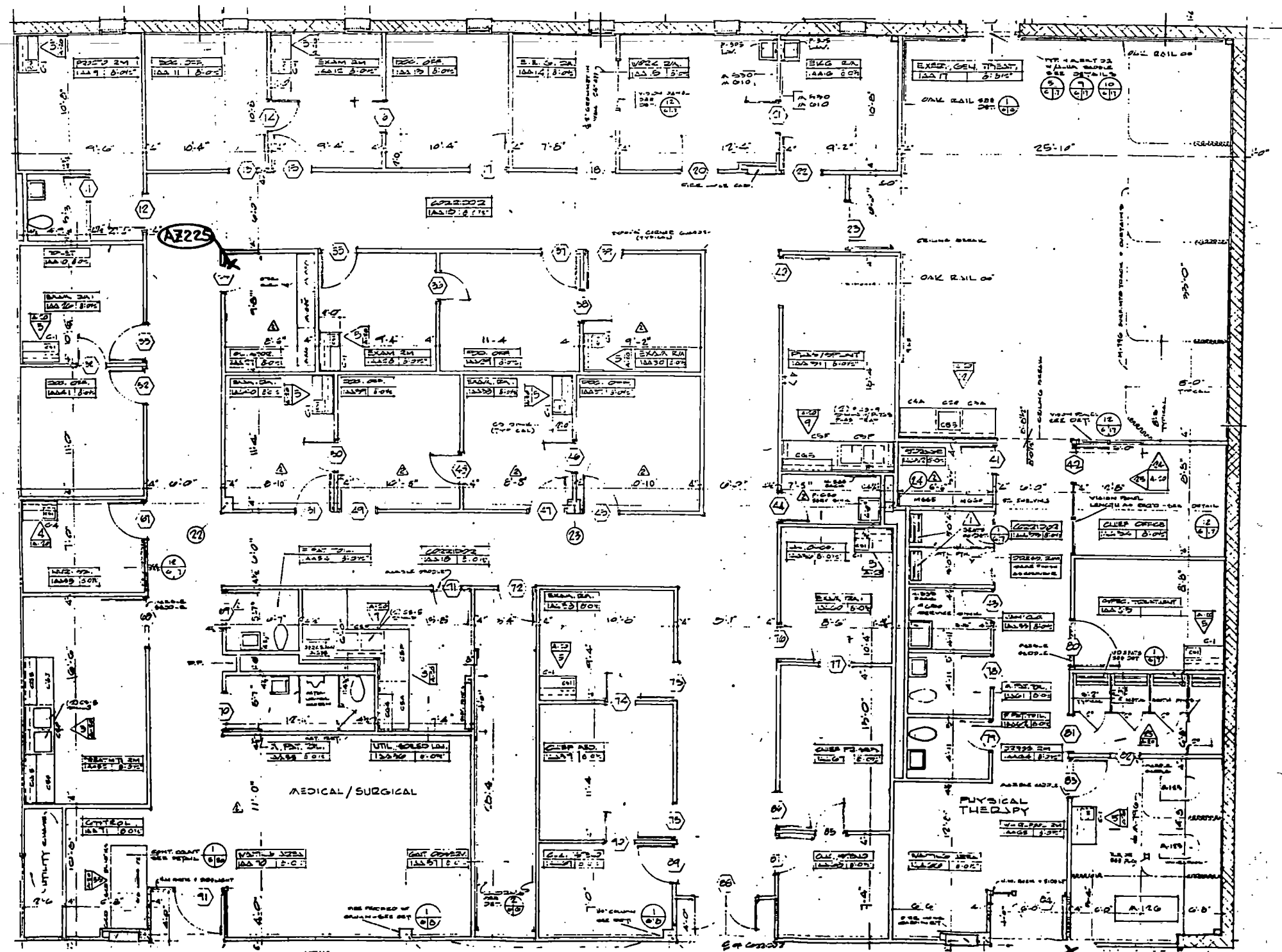
PARTIAL FIRST FLOOR PLAN

LEGEND

FHmn POSITIVE SAMPLE

FHmn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS



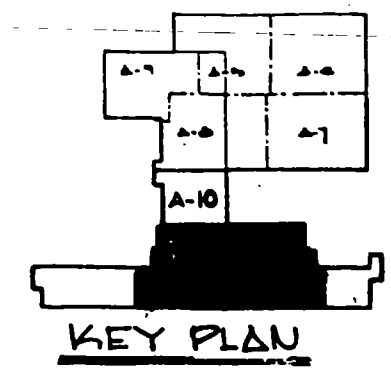
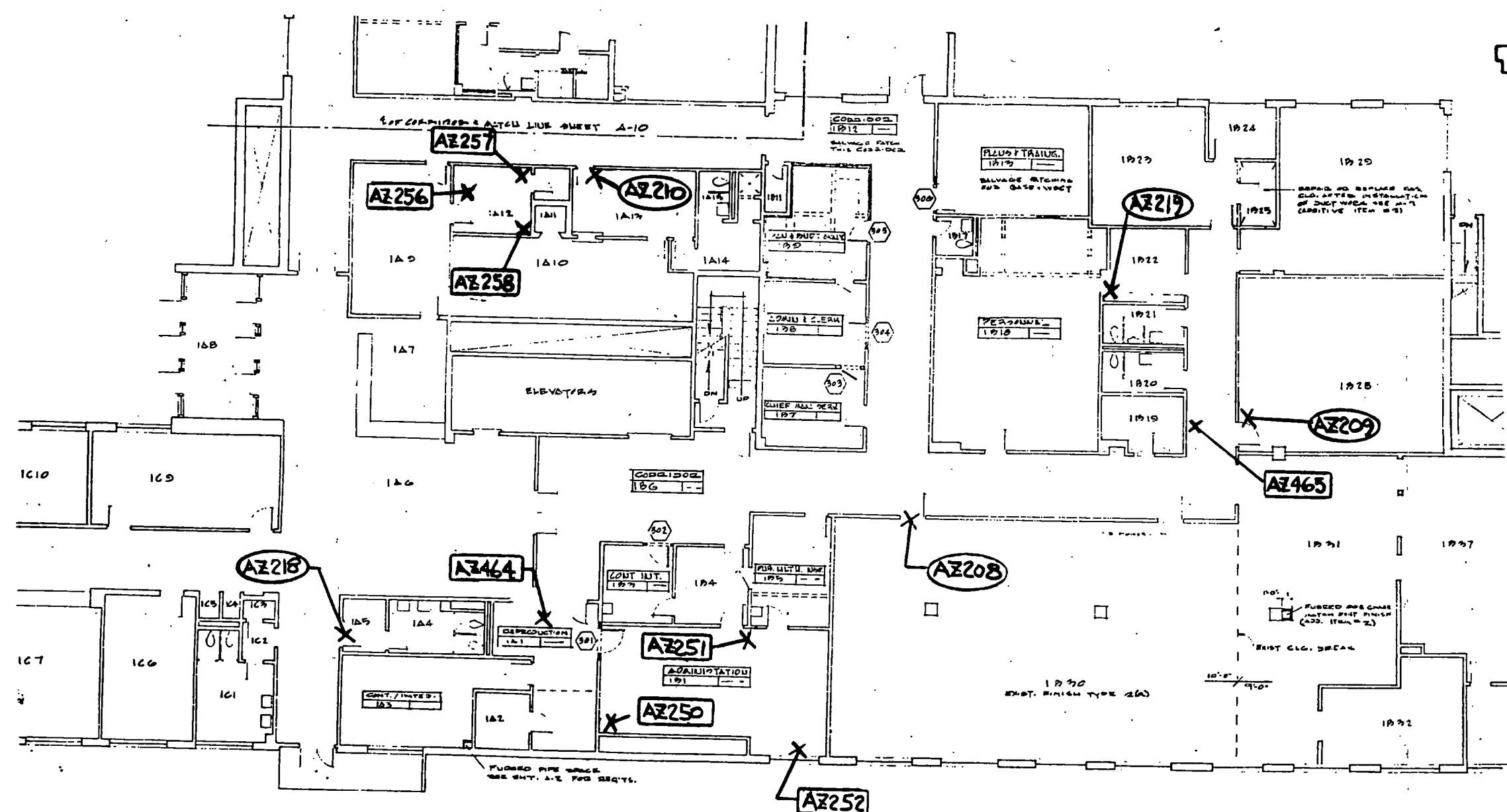
PARTIAL FIRST FLOOR PLAN

LEGEND

FHnm POSITIVE SAMPLE

FHnm NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS



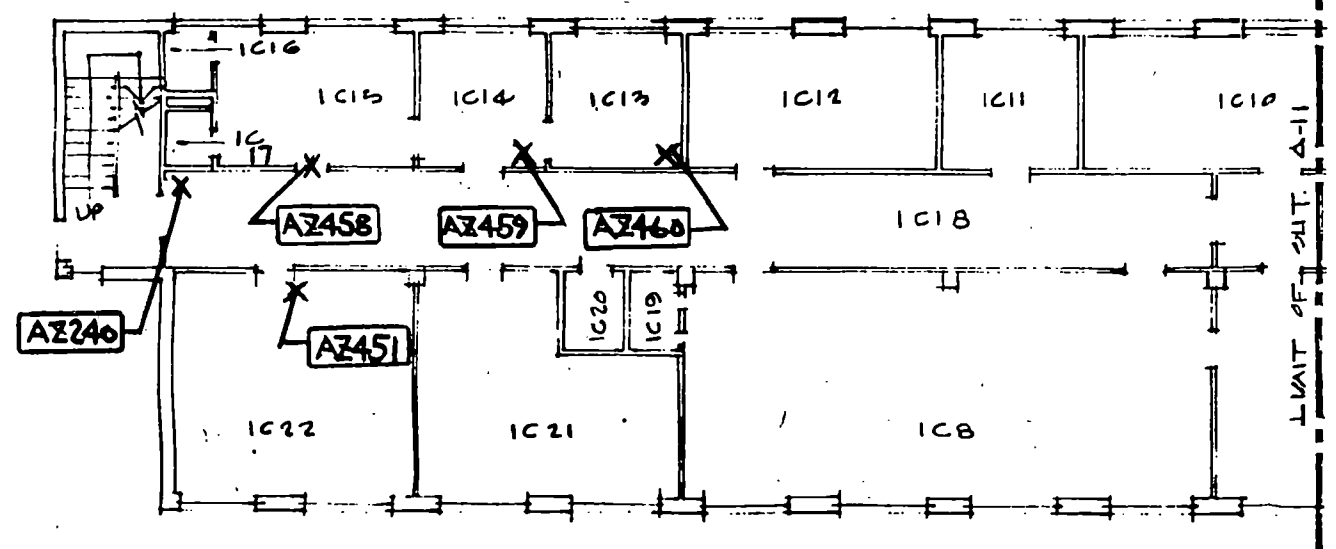
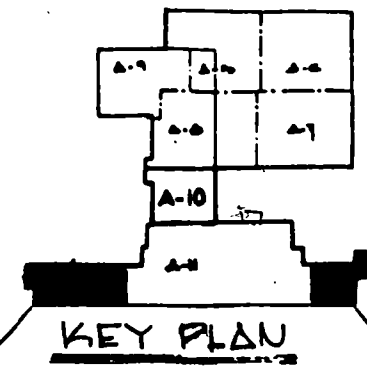
PARTIAL FIRST FLOOR PLAN

LEGEND

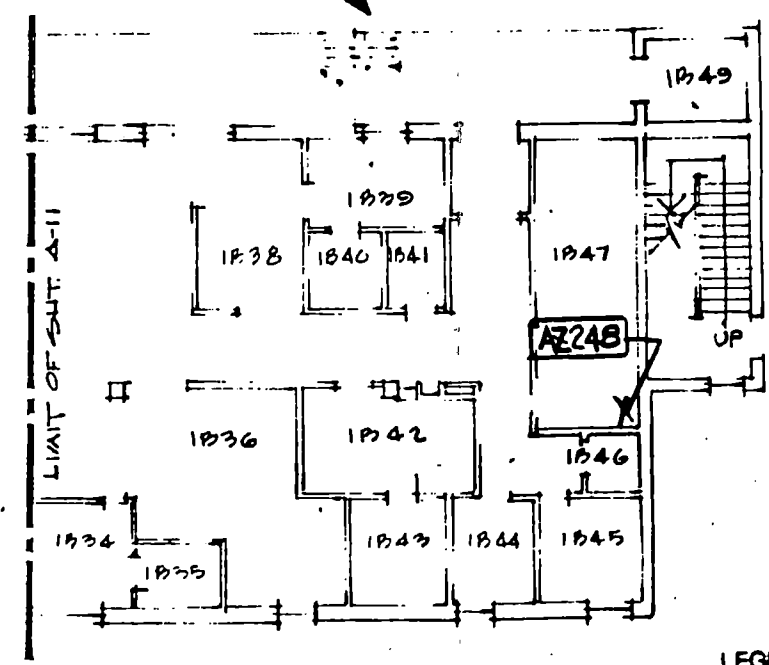
FHmn POSITIVE SAMPLE

FHmn NEGATIVE SAMPLE

WESTON
MANAGERS DESIGNERS/CONSULTANTS



PARTIAL FIRST FLOOR PLAN

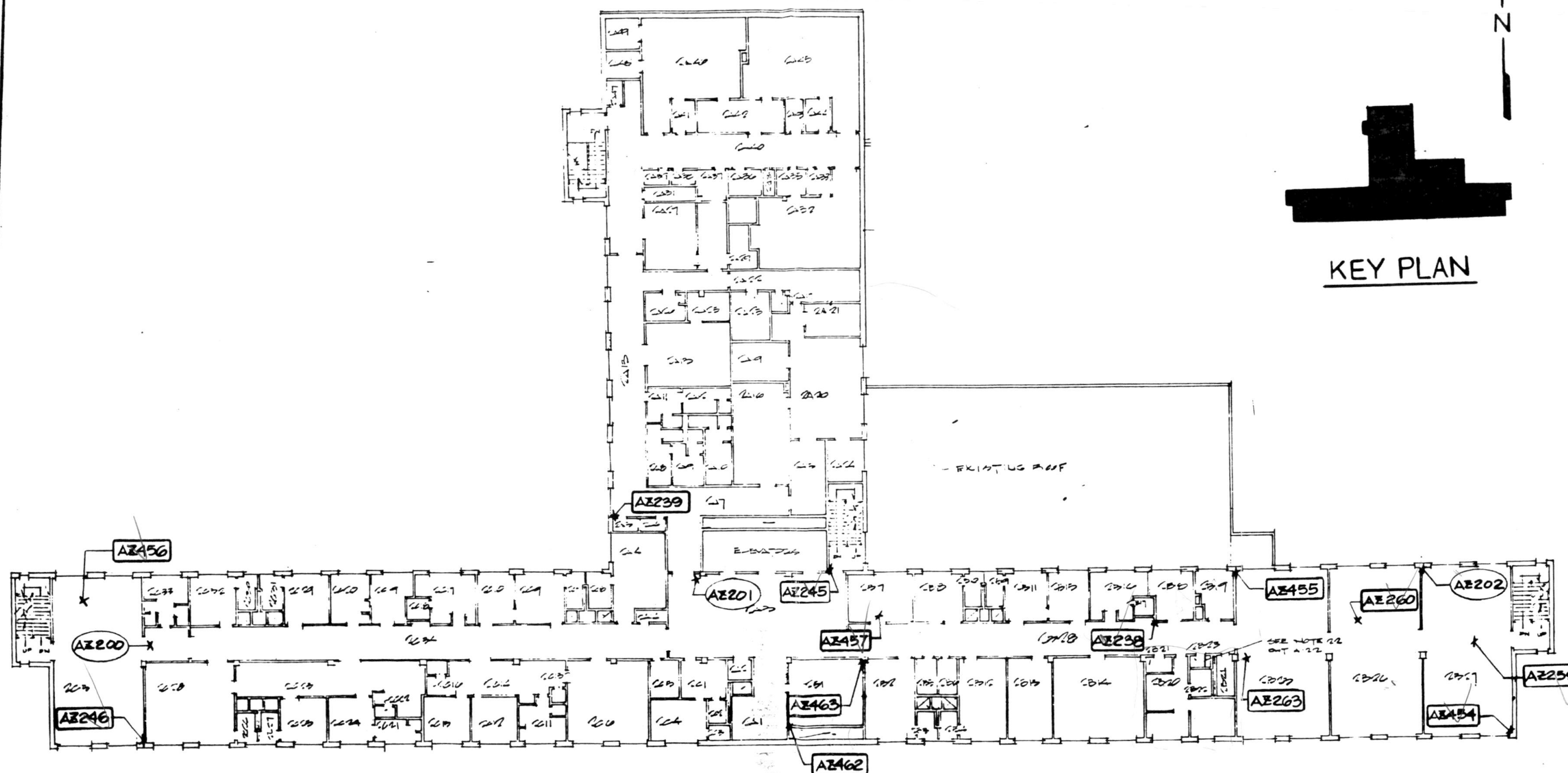


- LEGEND**
- FHnnn POSITIVE SAMPLE
 - FHnnn NEGATIVE SAMPLE





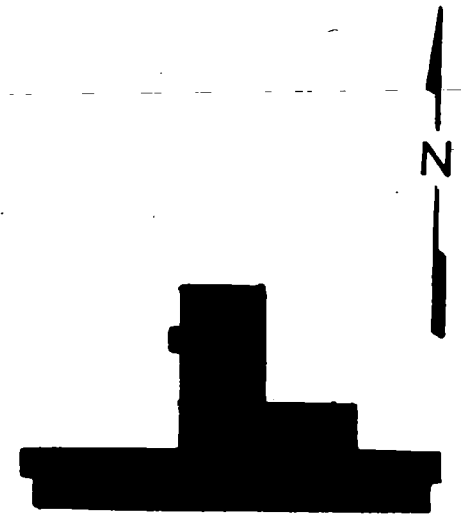
KEY PLAN



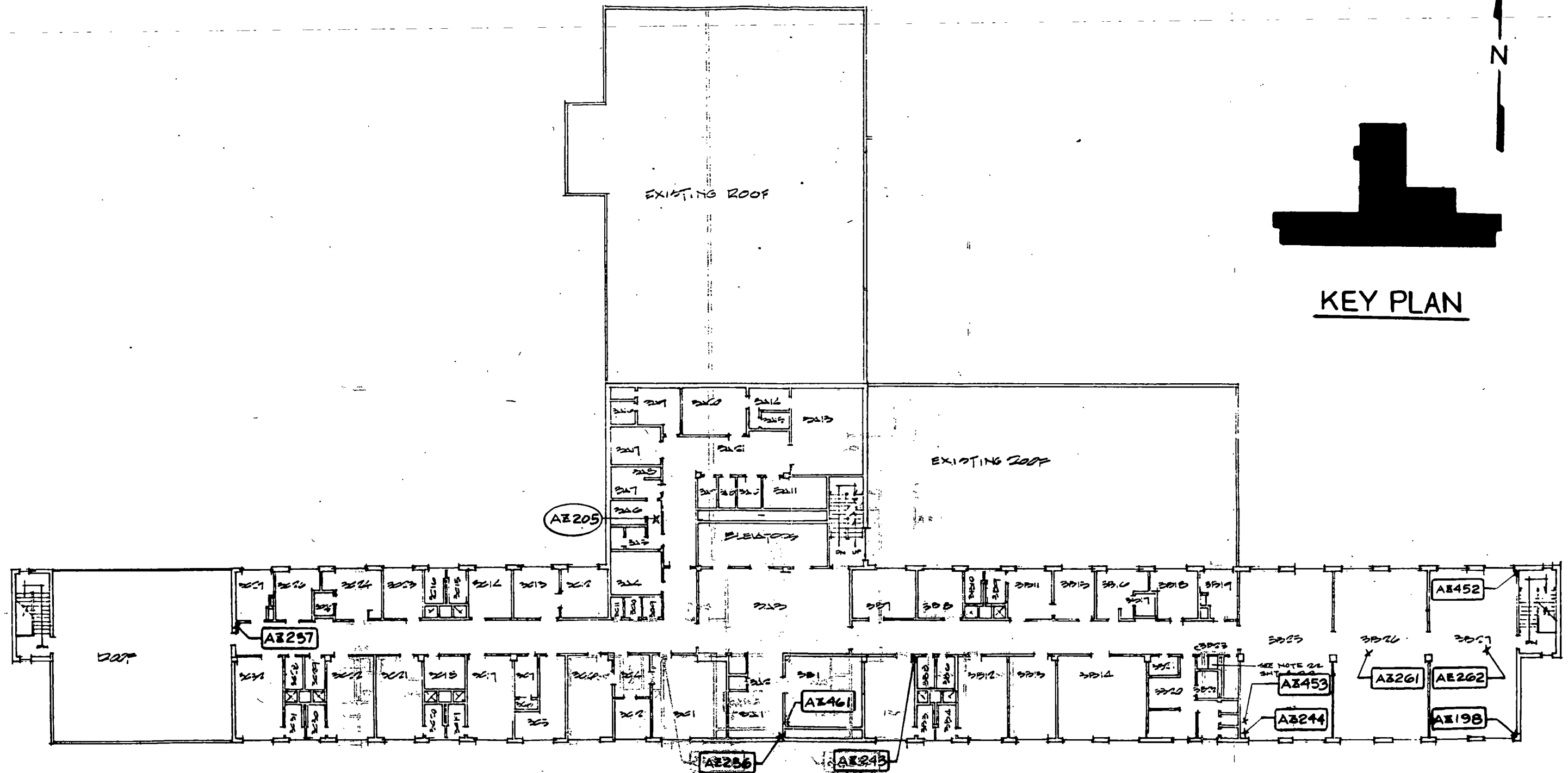
SECOND FLOOR PLAN

- LEGEND
- FHnnn POSITIVE SAMPLE
 - FHnnn NEGATIVE SAMPLE





KEY PLAN



THIRD FLOOR PLAN

LEGEND

- FHmn POSITIVE SAMPLE
- FHmn NEGATIVE SAMPLE

