TABLE 4

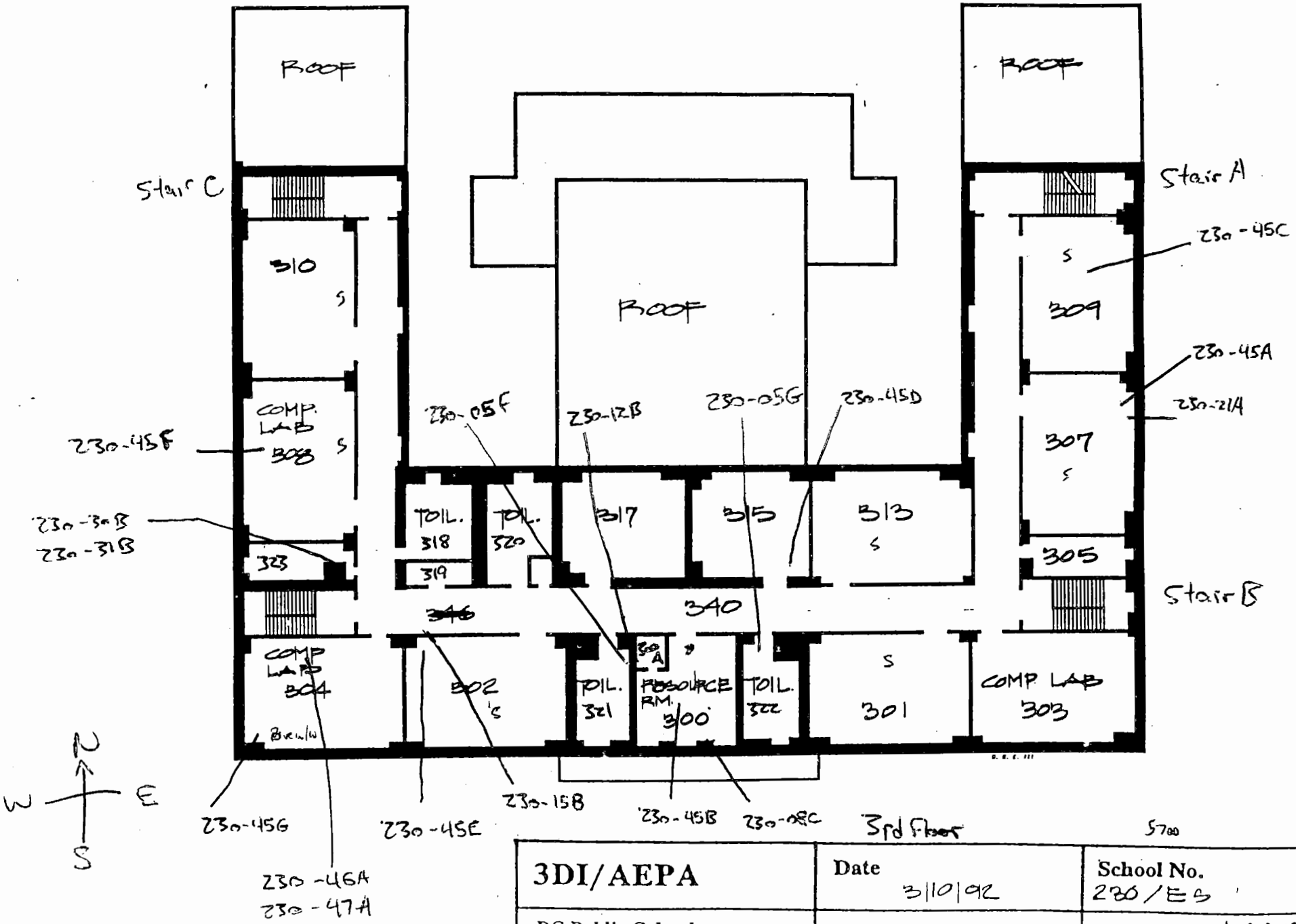
DAMAGED AND SIGNIFICANTLY DAMAGED ACBM

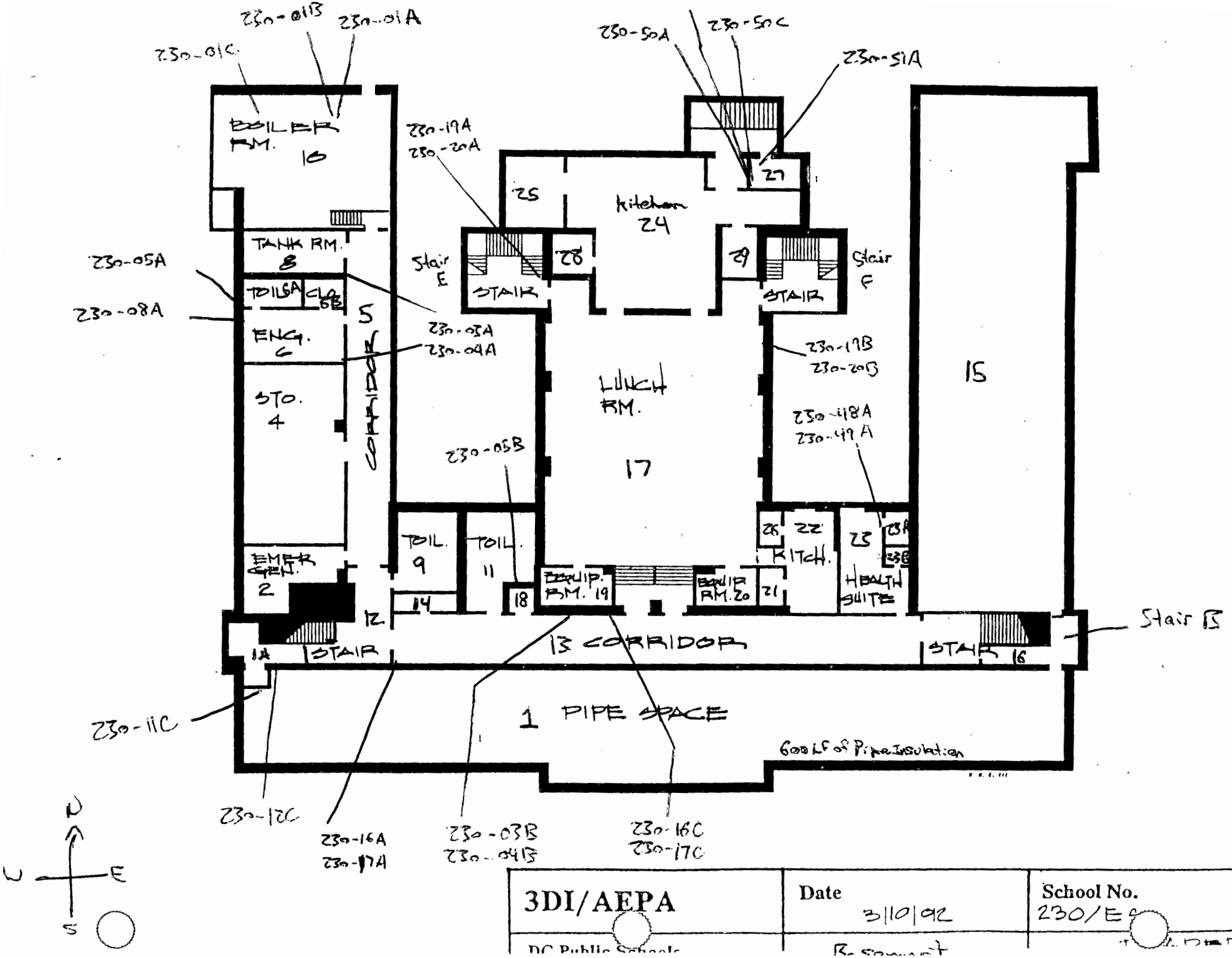
Table 4. Damaged and Significantly Damaged ACBM

18-Jun-99

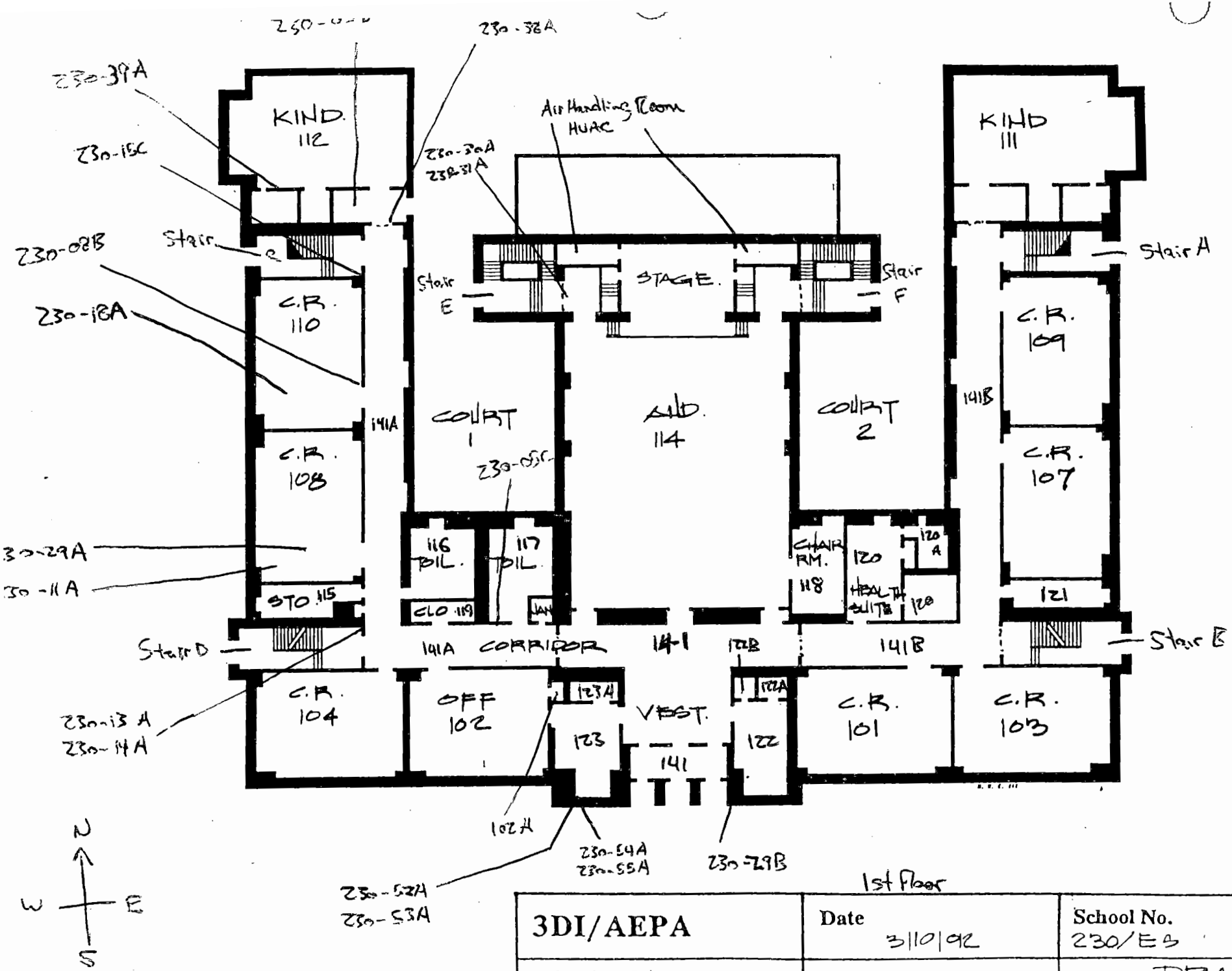
Building Number	Homogeneous Area	Material Description	Room	Room Quantity	Units	COMMENTS
230	40	Pipe Insulation, BROWN PAPER MATERIAL, ,	BOY'S ROOM	20	LF	INSULATION SIGNIFICANTLY DAMAGED BEHIND BOY'S TOILETS IN PIPE CHASE

SAMPLE LOCATION DRAWINGS


ROOF
ROOF
ROOF
Stair C
Stair A
Stair B
310
S
309
S
COMP. LAB
308
S
307
S
305
TOIL. 318
TOIL. 320
317
315
313
S
319
323
340
346
COMP LAB 304
Brk/W
302
S
TOIL. 321
RESOURCE RM. 300
TOIL. 322
S
301
COMP LAB 303
230-45C
230-45A
230-21A
230-45D
230-05G
230-12B
230-05F
230-45F
230-30B
230-31B
230-45G
230-45E
230-15B
230-45B
230-08C
230-46A
230-47A
N
W
E
S
3rd Floor
5700
3DI/AEPA
Date 3/10/92
School No. 230/ES
DC Public Schools

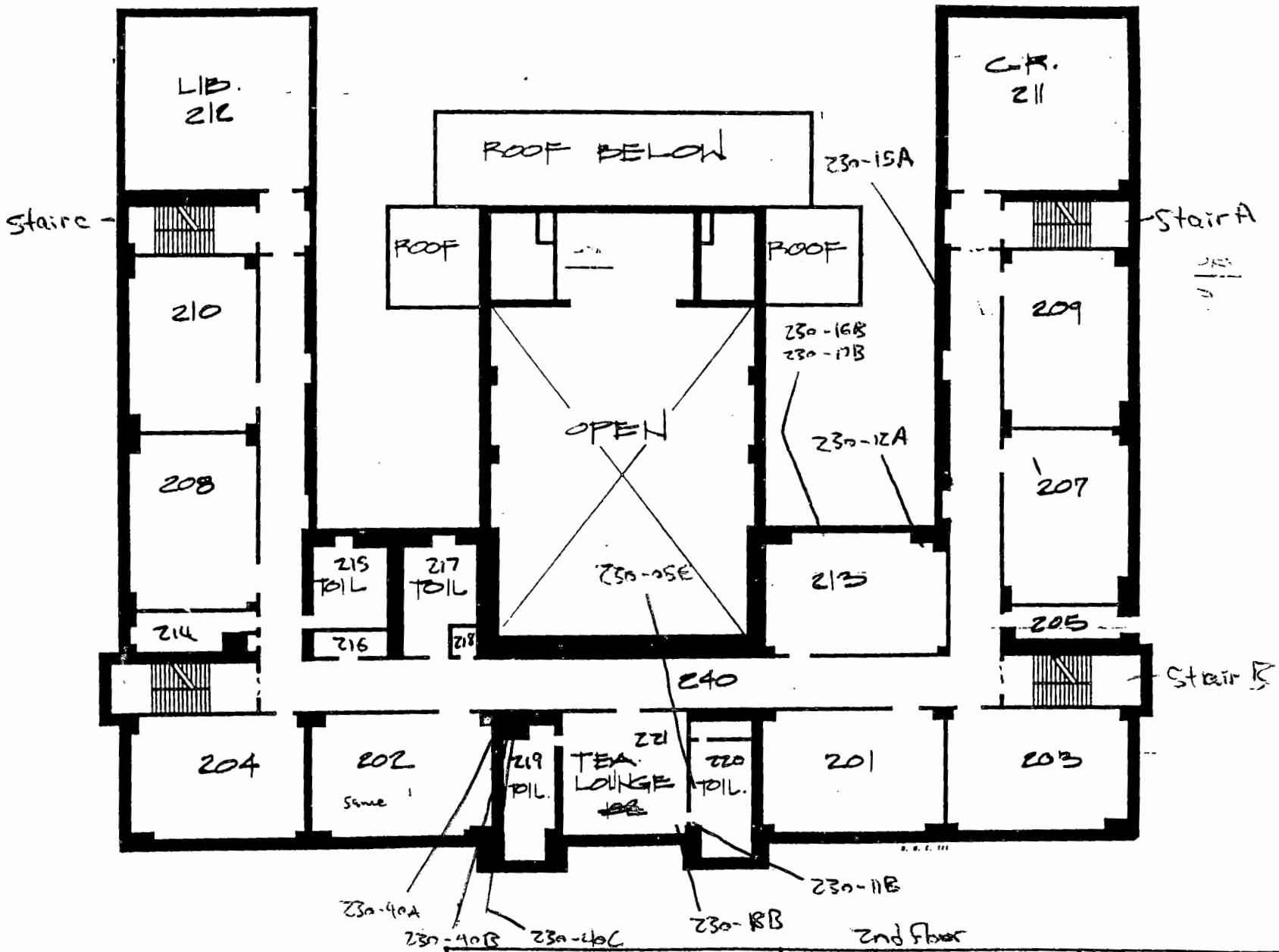


3DI/AEPA	Date 3/10/92	School No. 230/E
DC Public Schools	Basement	



1st Floor

3DI/AEPA	Date 3/10/92	School No. 230/ES
DC Public Schools		DRAFTED



3DI/AEPA	Date 3/10/92	School No. 230/E
DC Public Schools		

APPENDIX A

ASBESTOS SURVEY DATA FORMS

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	01
Material Code	BR
Material Color	white
Material Size	N/A
Material Descriptor	Boiler Breech
Friability	~~Yes~~ NF
Category of Assessment Classification and Response Actions	~~4~~ 9A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	10	40	LF	230-01A	15'W + 10'S of NE Corner Bottom of Br
				230-01B	15'W + 10'S of NE Corner 4' up on Breech.
				230-01C	25'W + 10'S of NE Corner ½' up on Breech

Comment

EA

Asbestos Inspection Form

Building Number	23a
Homogenous Area (HA-##)	02
Material Code	FD
Material Color	N/A
Material Size	N/A
Material Descriptor	Firedoor
Friability	No
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	10	4	EA		Assumed ACM
Basement	8	1	EA		
Basement	6	1	EA		
Basement	1A	1	EA		
Base.	9	1	EA		
Base.	5	2	EA		
B	13	4	EA		
1st	114	10	EA		
1st	141	6	EA		
1st	111	1	EA		
1st	112	1	EA		
2nd	221	2	EA		
2nd	211	2	EA		
Basement	19	1	EA		
1st 2nd 3rd	StairA	6	EA		
1st 2nd 3rd	StairB	6	EA		
1st 2nd 3rd	StairC	6	EA		
B. 1st 2nd 3rd	StairD	6	EA		

Comment: Fire doors assumed due to locations

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	03/04
Material Code	VT/VTA
Material Color	Green
Material Size	12" x 12"
Material Descriptor	
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	6	220	SF	230-03A (Tile) 230-04A (mastic)	SF Corner
Base.	13	798	SF	230-03B (Tile) 230-04B (mastic)	40' E x 1' S of NW Corner
	6	~~~	~		

Comment

EA

Asbestos Inspection Form

Building Number: 230

Homogenous Area (HA-##): ~~04~~ 05

Material Code: PL

Material Color: White

Material Size: N/A

Material Descriptor:

Friability: No

Category of Assessment Classification and Response Actions: 4, 4A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	6	220	SF		
Basement	6A	112	SF	230-05A	SW Corner
Basement	6B	65	SF		
Basement	9	238	SF		
Base.	12	240	SF		
Basement	TC ~~#~~ 17	170	SF		
B	~~17~~ 21	35	SF		
B	26	35	SF		
B	22	*500	SF		
B	28	80	SF		
B	29	70	SF		
B	24	1282	SF		
B	18	25	SF		
B	11	240	SF	230-05B	2' W of SE Corner
1st	115	TC, 200 ~~180~~	SF		
1st	116	238	SF		
1st	117	240	SF	230-05C	2' E of SW Corner

Comment: *wall + ceiling

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	05
Material Code	PL
Material Color	White
Material Size	N/A
Material Descriptor	
Friability	No
Category of Assessment Classification and Response Actions	4, 4A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	114	400	SF		
1st	121	220	SF		
1st	111	~~80~~ 250	SF		
1st	112	250	SF	230-05D	10' W + 3' N of SE corner
2nd	215	238	SF		
2nd	217	240	SF		
2nd	216	75	SF		
2nd	219	264	SF		
2nd	220	660	SF		
2nd	205	220	SF	230-05E	10' S + 1' E of NW Corner
3rd	319	75	SF		
3rd	320	240	SF		
3rd	318	238	SF		
~~30~~ 3rd	300A	32	SF		
3rd	305	220	SF		
3rd	322	220	SF	230-05G	3' S + 10' W of NE Corner
3rd	321	220	SF	230-05F	2' S + 1' W of NE Corner

Comment

Building Number: 230

Homogenous Area (HA-##): 05

Material Code: PL

Material Color: white

Material Size: N/A

Material Descriptor:

Friability: No

Category of Assessment Classification and Response Actions: 4, 4A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	23	315	SF		
Basement	23A	25	SF		
Base	23B	20	SF		
Base	14	75	SF		
1st	119	75	SF		
1st	118	270	SF		
3rd	323	200	SF		
2nd	214	200	SF		
1st	120A	70	SF		
1st	123A	~~36~~ TC 15	SF		
1st	122A	15	SF		
1st	122B	22	SF		
~~4th~~ 3rd	Stair A	130	SF		
3rd	Stair B	130	SF		
3rd	Stair C	130	SF		
3rd	Stair D	130	SF		

Comment:

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	05 06
Material Code	TP
Material Color	Black/Gray
Material Size	
Material Descriptor	Transite Shower Stall
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	6A	65	SF		Assumed ACM

Comment	Assumed ACM

EA

Asbestos Inspection Form

Building Number: 230

Homogenous Area (HA-##): ~~06~~ 07

Material Code: TG

Material Color: Gray

Material Size: N/A

Material Descriptor: Tile Grout

Friability: No

Category of Assessment Classification and Response Actions: 7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	6A	112	SF		Assumed ACM
Basement	9	674	SF		
Basement	TC #22	240	SF		
B	28	80	SF		
B	24	1282	SF		
B	18	100	SF		
B	1	1920	SF		
1st	116	674	SF		
1st	117	1920	SF		
1st	111	80	SF		
1st	112	80	SF		
2nd	215	674	SF		
2nd	217	1920	SF		
2nd	220	264	SF		
2nd	219	400	SF		
3rd	320	1920	SF		
3rd	318	674	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	730
Homogenous Area (HA-##)	07
Material Code	TG
Material Color	Gray
Material Size	N/A
Material Descriptor	Tile Grout
Friability	No
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd	300A	32	SF		
3rd	322	400	SF		
3rd	321	400	SF		
~~3rd~~	~~300A~~	~~25~~	~~SF~~		
Base	25	120	SF		
1st	120A	70	SF		
1st	123A	36	SF		
1st	122A	40	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	~~08~~ ~~09~~ 08
Material Code	~~FF~~ ~~FB~~ VB
Material Color	Brown
Material Size	4"
Material Descriptor	~~Block~~
Friability	None
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	6A	10	LF	230-08A	4' S of NW Corner
Basement	5	145	LF	"	
Basement	12	64	LF		
Basement	13	236	LF		
B	17	160	LF		
B	26	13	LF		
B	21	13	LF		
B	29	10	LF		
1st B	141A	258	LF		
1st	110	82	LF	230-08B	10' N of SE Corner
1st	108	82	LF		
1st	115	60	LF		
1st	104	88	LF		
1st	114	160	LF		
1st	141	190	LF		
1st	141B	258	LF		
1st	105	88	LF		

Comment

Asbestos Inspection Form

Building Number	23a
Homogenous Area (HA-##)	08
Material Code	MB
Material Color	Brown
Material Size	4"
Material Descriptor	
Friability	None
Category of Assessment Classification and Response Actions	7,7A
Comment	

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	23	74	LF		
Basement	23B	19	LF		
Basem	14	10	LF		
1st	119	10	LF		
3rd	315	90	LF		
3rd	323	60	LF		
2nd	214	60	LF		
1st	102	108	LF		
1st	120	60	LF		
1st	123	80	LF		
1st	122	60	LF		
1st	122B	10	LF		
1st 2nd 3rd	StairA	36	LF		
1st 2nd 3rd	StairB	36	LF		
1st 2nd 3rd	StairC	36	LF		
Basement	StairE	30	LF		
Basement	StairF	30	LF		
B, 1st, 2nd 3rd	StairD	36	LF		

Asbestos Inspection Form

Building Number: 230

Homogenous Area (HA-##): 08

Material Code: VB

Material Color: Brown

Material Size: 4"

Material Descriptor:

Friability: None

Category of Assessment Classification and Response Actions: 7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	207	82	LF		
2nd	209	82	LF		
2nd	205	64	LF		
2nd	240	466	LF		
3rd	319	10	LF		
3rd	310	82	LF		
3rd	308	82	LF		
3rd	304	82	LF		
3rd	302	82	LF		
3rd	301	82	LF		
3rd	307	82	LF		
3rd	309	82	LF		
3rd	300	88	LF	230-08c	6' W of SE corner
3rd	305	64	LF		
3rd	340	466	LF		
3rd	303	82	LF		
3rd	317	96	LF		

Comment:

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	08
Material Code	VB
Material Color	Brown
Material Size	4"
Material Descriptor	
Friability	None
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	101	88	LF		
1st	107	82	LF		
1st	121	64	LF		
1st	111	140	LF		
1st	109	82	LF		
1st	112	140	LF		
2nd	212	124	LF		
2nd	210	82	LF		
2nd	208	82	LF		
2nd	204	82	LF		
2nd	202	82	LF		
2nd	216	10	LF		
2nd	221	92	LF		
2nd	213	82	LF		
2nd	211	140	LF		
2nd	201	82	LF		
2nd	203	82	LF		

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	09
Material Code	TP
Material Color	Black/Gray
Material Size	
Material Descriptor	Transite window sill steps, floor tile
Friability	No
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	123	6	SF		
1st	122	6	SF		
1st 2nd 3rd	Stair A	161 *	SF		* Includes steps made of same material
1st 2nd 3rd	Stair B	161 *	SF		
1st 2nd 3rd	Stair C	161 *	SF		
1st 2nd 3rd	Stair A	60	SF		Floor tile
1st 2nd 3rd	Stair B	60	SF		Floor tile
1st 2nd 3rd	Stair C	60	SF		Floor tile
1st 2nd 3rd	Stair D	60	SF		Floor tile
B, 1st	Stair E	340	SF		Floor tile, window sill, steps
B, 1st	Stair F	340	SF		Floor tile, window sill, steps
B, 1st 2nd, 3rd	Stair D	296	SF		Floor tile, window sill + steps

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	~~09~~ 230
Homogenous Area (HA-##)	09
Material Code	TP
Material Color	Black/Gray
Material Size	
Material Descriptor	Transite window sill steps, floor tile
Friability	No
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd	308	26	SF		
3rd	304	26	SF		
3rd	302	26	SF		
3rd	301	26	SF		
3rd	307	26	SF		
3rd	309	26	SF		
3rd	300	15	SF		
3rd	305	3	SF		
3rd	340	48	SF		
3rd	~~303~~	26	SF		
3rd	317	26	SF		
~~3rd~~	~~23~~	~~6~~	~~SF~~ TC		
3rd	315	22	SF		
3rd	323	3	SF		
2nd	214	3	SF		
1st	102	24	SF		
1st	120A	2	SF		
1st	120	6	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number: 230

Homogenous Area (HA-##): 09

Material Code: TP

Material Color: Black/Gray

Material Size:

Material Descriptor: Transite window sill, Steps, Floor tile

Friability: No

Category of Assessment Classification and Response Actions: 7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	112	36	SF		
2nd	212	48	SF		
2nd	210	26	SF		
2nd	208	26	SF		
2nd	204	26	SF		
2nd	202	26	SF		
2nd	221	36	SF		
2nd	220	6	SF		
2nd	213	26	SF		
2nd	211	48	SF		
2nd	201	26	SF		
2nd	203	26	SF		
2nd	207	26	SF		
2nd	209	26	SF		
2nd	205	3	SF		
2nd	240	48	SF		
3rd	310	26	SF		

Comment: Assumed to be

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	~~08~~ 09
Material Code	TP
Material Color	Black/Gray
Material Size	
Material Descriptor	Transite Window Sill, Steps Floor tile
Friability	No
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	6A	6	SF		Assumed ACM
Basement	5	12	SF	"	
B	17	80	SF		
B	22	8	SF		
1st B	141A	18	SF		
1st	110	26	SF		
1st	108	26	SF		
1st	115	3	SF		
1st	104	26	SF		
1st	114	18	SF		
1st	141B	18	SF		
1st	101	26	SF		
1st	103	26	SF		
1st	107	26	SF		
1st	121	~~4~~ 3	SF		
1st	111	~~20~~ 36 26	SF		
1st	109	26	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	~~203~~ 230
Homogenous Area (HA-##)	10
Material Code	VD
Material Color	white
Material Size	N/A
Material Descriptor	
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	2	6	LF		Assumed Asbestos

Comment: Attached to generator vent

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	11
Material Code	PI
Material Color	White
Material Size	~~NA~~ 12" Line
Material Descriptor	Block
Friability	~~Yes~~ NF
Category of Assessment Classification and Response Actions	~~Cat~~ 9A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	1	600	LF	~~230-11A~~ 230-11C	4' E of NW Corner
Basement	1A	50	LF	~~230-11B~~	
Basement	13	400	LL	~~230-11C~~	
B	15	1000	LF		
B	16	30	LF		
B	17	120	LF		
B	22	30	LF		
1st	*110	25	LF		
1st	*108	25	LF	230-11A	4' N + 4' E of SW Corner
1st	*104	25	LF		
1st	*103	25	LF		
1st	*101	25	LF		
1st	111	5	LF		
1st	*109	25	LF		
1st	112	5	LF		
2nd	212	25	LF		
2nd	*210	25	LF		

Comment: Material all looks same on all pipe sizes

* Along window wall

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	11
Material Code	PI
Material Color	White
Material Size	12" Line
Material Descriptor	Block
Friability	~~Yes~~ NF
Category of Assessment Classification and Response Actions	~~Cat~~ 9A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	208	25	LF		
2nd	204	25	LF		
2nd	202	25	LF		
2nd	220	30	LF	230-11B	SW Corner above plaster ceiling
2nd	219	30	LF		
2nd	213	~~30~~ 25	LF		
2nd	211	25	LF		
2nd	201	25	LF		
2nd	203	25	LF		
2nd	207	25	LF		
2nd	209	25	LF		
2nd	240	2	LF		Across from Rm 207
2nd	217	6	LF		Behind Rm 217 Eastwall
1st	102	25	LF		
1st	123	5	LF		
1st	122	5	LF		

Comment: Material cell looks same on all Pipe Sizes * Along window wall

Asbestos Inspection Form

Building Number 230

Homogenous Area (HA-##) 12

Material Code CF

Material Color white

Material Size ~~N/A~~ N/A

Material Descriptor Fittings

Friability ~~Yes~~ N/F

Category of Assessment Classification and Response Actions ~~9~~ 9A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
~~Basement~~	1	70	EA	~~230-12A~~	
~~Basement~~	1A	~~30~~ 14	EA	~~230-12B~~ 230-12C	6' E of NW Corner
~~Basement~~	13	30	EA	~~230-12C~~	
B	15	80	EA		
B	16	7	EA		
B	17	15	EA		
B	22	6	EA		
1st	110	7	EA		
1st	108	7	EA		
1st	104	7	EA		
1st	103	7	EA		
1st	101	7	EA		
1st	111	1	EA		
1st	109	7	EA		
1st	112	1	EA		
2nd ~~1st~~	212	2	EA		
2nd	210	5	EA		
1st	120	1	EA		

Comment Material all look the same on all pipe sizes

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	12
Material Code	CF
Material Color	White
Material Size	N/A
Material Descriptor	Fittings
Friability	~~Yes~~ NF
Category of Assessment Classification and Response Actions	~~B~~ A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	208	7	EA		
2nd	204	7	EA		
2nd	202	7	EA		
2nd	220	8	EA		
2nd	219	8	EA		
2nd	213	7	EA	230-12A	NE corner above drop ceiling
2nd	211	7	EA		
2nd	201	7	EA		
2nd	203	7	EA		
2nd	207	7	EA		
2nd	209	7	EA		
2nd	240	2	EA		Across from Rm 207
2nd	217	~~26~~ 36	EA		Behind East ~~wall~~ West wall Rm 207 Pipe Chase
2nd	219	~~10~~	EA		
3rd	320	36	EA		
3rd	300A	4	EA	230-12B	In Access Panel under Sink
Basement	19	4	EA		
1st	102	7	EA		

Comment: Material all looks the same on all Pipe sizes

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	12
Material Code	CF
Material Color	White
Material Size	N/A
Material Descriptor	Fittings
Friability	~~Yes~~ NF
Category of Assessment Classification and Response Actions	~~4~~ 9A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	123	1	EA		
1st	122	1	EA		

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	13/14
Material Code	VT/VTA
Material Color	White
Material Size	12" x 12"
Material Descriptor	w/Gray
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	12	240	SF		
1st	Stairs	50	SF	230-13A (Tile) 230-14A (mastic)	NE Corner

Comment

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	15
Material Code	~~PI~~ CM
Material Color	White
Material Size	N/A
Material Descriptor	
Friability	Non
Category of Assessment Classification and Response Actions	~~SA~~ 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	12	208	SF		
Base	13	944	SF	"	
B	17	700	SF		
B	29	40	SF		
1st	141A	1032	SF		
1st	114	700	SF		
1st	141	760	SF		
1st	141B	1032	SF		
2nd	240	1864	SF	230-15A	12'S of NW Corner East Hall
3rd	340	1864	SF	230-15B	24'E of SW Corner South Hall
1st 2nd 3rd	Stair A	550	SF		
1st 2nd 3rd	Stair B	550	SF		
1st 2nd 3rd	Stair C	550	SF	230-15C	1st floor, 2'W of SE Corner
B, 1st	Stair E	450	SF		
B, 1st	Stair F	450	SF		
1st, 2nd 3rd	Stair D	550	SF		

Comment: 4' High Decorative Wall Border

EA

Asbestos Inspection Form

Building Number: 230

Homogenous Area (HA-##): 16 | 17

Material Code: VS ~~TS~~ | VTA

Material Color: Black

Material Size: ~~1' x 2'~~ 18" x 20"

Material Descriptor: Vinyl Sheeting

Friability: Non

Category of Assessment Classification and Response Actions: 7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	13	228	SF	230 - 16A (Tile) 230 - 17A (mastic)	SW Corner
B	26	13	SF		
B	21	13	SF		
1st	141A	258	SF		
1st	115	60	SF		
1st	114	52	SF		
1st	141	190	SF		
1st	141B	258	SF		
1st	103	112	SF		
1st	101	112	SF		
1st	104	112	SF		
1st	107	108	SF		
1st	108	108	SF		
1st	110	108	SF		
1st	121	64	SF		
1st	109	108	SF		
2nd	212	140	SF		

Comment: Materials identical in all locations but vary in size

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	16/17
Material Code	VS/VTA
Material Color	Black
Material Size	18" x 20"
Material Descriptor	Vinyl Sheeting
Friability	Non
Category of Assessment Classification and Response Actions	7.7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	208	108	SF		
2nd	204	108	SF		
2nd	202	108	SF		
2nd	216	24	SF		
2nd	221	92	SF		
2nd	213	108	SF	230 - 16B (Tile) 230 - 17B (Mastic)	12' E of NW Corner
2nd	211	140	SF		
2nd	201	108	SF		
2nd	203	108	SF		
2nd	207	108	SF		
2nd	209	108	SF		
2nd	205	64	SF		
2nd	240	466	SF		
3rd	310	108	SF		
3rd	308	108	SF		
~~3rd~~	~~304~~	~~108~~	~~SF~~ TC		
3rd	302	108	SF		

Comment: materials identical in all locations but vary in size

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	16/17
Material Code	VS/UTH
Material Color	Black
Material Size	18" x 20"
Material Descriptor	Vinyl Sheeting
Friability	No
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd	301	108	SF		
3rd	307	108	SF		
3rd	313	108	SF		
3rd	309	108	SF		
3rd	3[illegible]	68	SF		
3rd	305	64	SF		
3rd	340	466	SF		
3rd	303	108	SF		
3rd	317	96	SF		
Base	23B	19	SF		
B	14	24	SF		
3rd	315	90	SF		
1st	119	24	SF		
1st	102	108	SF		
1st	122	60	SF		
1st	122B	10	SF		
1st 2nd 3rd	Stair A	60	SF		

Comment: Materials identical in all locations but vary in size

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	16/17
Material Code	VS/VTH
Material Color	Black
Material Size	18" x 20"
Material Descriptor	Vinyl/Sheeting
Friability	No
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st 2nd 3rd	StairB	60	SF		
1st 2nd 3rd	StairC	60	SF		
B, 1st 2nd, 3rd	StairD	60	SF		
B	12	—	—	230-16C (Tile) 230-17C (mastic)	50' E+ 1's of NW Corner

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	18
Material Code	CT
Material Color	white
Material Size	2'x4'
Material Descriptor	Dot+line Fissured
Friability	~~Non~~ F
Category of Assessment Classification and Response Actions	~~ZZA~~ C/A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd	300	400	SF	230-45 C	7'E+10'N of SE Corner
3rd	340	2850	SF		
3rd	303	756	SF		
3rd	311	576	SF		
3rd	315	500	SF		
1st	102	756	SF		
1st	120	400	SF		
1st	123	540	SF		
1st	122	220	SF		

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	18
Material Code	CT
Material Color	White
Material Size	2" x 4"
Material Descriptor	Dot + Line Stamped
Friability	~~Non~~ F
Category of Assessment Classification and Response Actions	~~Cat~~ 4A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	13	1050	SF		
B	17	3350	SF	"	
1st	141A	1330	SF		
1st	110	704	SF	230-18A	8'N + 10' E of SW Corner
1st	114*	3350	SF		
1st	141	1056	SF		
1st	141B	1330	SF		
1st	105	756	SF		
1st	101	756	SF		
1st	104	756	SF		
1st	107	704	SF		
1st	111	1200	SF		
1st	109	704	SF		
1st	112	1200	SF		
2nd	212	960	SF		
2nd	210	105	SF		
2nd	208	704	SF		
2nd	204	756	SF		

Comment: *Ceiling in Auditorium is inaccessible

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	18
Material Code	CT
Material Color	White
Material Size	2' x 4'
Material Descriptor	Dot + Line Fissured
Friability	~~Non~~ F
Category of Assessment Classification and Response Actions	~~TSA~~ 4A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	202	756	SF		
2nd	221	528	SF	230-18B	2'W + 2'N of SE corner
2nd	213	756	SF		
2nd	211	1216	SF		
2nd	201	756	SF		
2nd	203	756	SF		
2nd	207	756	SF		
2nd	209	756	SF		
2nd	210	2850	SF		
3rd	310	756	SF		
3rd	308	756	SF		
3rd	304	756	SF		
3rd	302	756	SF		
3rd	301	756	SF		
3rd	313	756	SF		
3rd	309	756	SF		
3rd	307	756	SF		

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	19/20
Material Code	VT/UTH
Material Color	White
Material Size	12" x 12"
Material Descriptor	Brown Long Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	17	3350	SF	230-19B (Tile) 230-20B (Mastic)	15' S of NE Corner
Basement	Stair E	~~120~~ 162	SF	230-19A (Tile) 230-20A (Mastic)	3' W of NE Corner
Basement	Stair F	~~120~~ 162	SF		

Comment

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	21
Material Code	1 AM
Material Color	Brown
Material Size	~~1'x1'~~ N/A
Material Descriptor	Acoustic Tile Mastic
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	17	3350 ~~3350~~	~~SF~~		
3rd	~~307~~ 307			230-21A	8'5 + 4' W of NE Corner
3rd	Entire 3rd Floor	12500	SF		

Comment: Acoustical Tile Mastic * one spot of mastic per tile.

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	22
Material Code	AT
Material Color	White
Material Size	1'x1'
Material Descriptor	Acoustical Tile
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	17	3350*	SF		

*Tiles found to be fiberglass

Comment: *Above 2'x4' Drop ceiling in Basement lunch Room

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	23/24
Material Code	VT/VTA
Material Color	Gray
Material Size	9" x 9"
Material Descriptor	Black + white streaks
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	21	22	SF		
B	26	22	SF		
1st	141A	955	SF		
1st	145	200	SF		
1st	141	1056	SF		
1st	141B	955	SF		
1st	111	80	SF		
1st	112	80	SF		
2nd 1st	216	20	SF		
~~2nd~~	211	10	SF		
2nd	240	2283	SF		
3rd	319	53	SF		
3rd	340	2850	SF		
3 B	14	20	SF		
1st	119	20	SF		
1st 2nd 3rd	Stair A	178	SF		
1st 2nd 3rd	Stair B	178	SF		
	Stair C	178	SF		

Comment: Assumed ACM

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	23/24
Material Code	VT/VTA
Material Color	Gray
Material Size	9"x9"
Material Descriptor	Black + White Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd, 2nd 1st	Stairs	~~175~~ 128	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	250
Homogenous Area (HA-##)	25/26
Material Code	VT/UTH
Material Color	White
Material Size	9" x 9"
Material Descriptor	
Friability	Non
Category of Assessment Classification and Response Actions	1,1A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	29	80	SF		

Comment: Assumed ACM

Asbestos Inspection Form

Building Number	250
Homogenous Area (HA-##)	27/28
Material Code	VT/UTA
Material Color	Tan
Material Size	9" x 9"
Material Descriptor	
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	110	704	SF		
1st	108	704	SF		
1st	103	768	SF		
1st	101	768	SF		
1st	104	768	SF		
1st	107	704	SF		
1st	109	704	SF		
2nd	210	704	SF		
2nd	208	~~756~~ 704	SF		
2nd	204	~~704~~ 756	SF		
2nd	202	756	SF		
2nd	213	756	SF		
2nd	211	1066	SF		
2nd	201	756	SF		
2nd	203	756	SF		
2nd	207	756	SF		
2nd	209	756	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	27/28
Material Code	VT/VTH
Material Color	Tan
Material Size	9"x9"
Material Descriptor	
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd	310	756	SF		
3rd	308	756	SF		
3rd	302	756	SF		
3rd	301	756	SF		
3rd	313	756	SF		
3rd	307	756	SF		
3rd	309	756	SF		
3rd	300	400	SF		
3rd	305	220	SF		
3rd	303	756	SF		
3rd	317	576	SF		
3rd	315	500	SF		

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	29
Material Code	MC
Material Color	Tan
Material Size	N/A
Material Descriptor	Carpet Mastic
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	108	704	SF	230-29A	8'N + 10'E of SW Corner
1st	104	~~709~~ 768	SF		
1st	111	900	SF		
1st	112	900	SF		
2nd	212	960	SF		
1st	120	400	SF		
1st	122	210	SF	230-29B	6'N of SW Corner

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	30/31
Material Code	VT/U+A
Material Color	Dark Tan
Material Size	12" x 12"
Material Descriptor	White + Brown Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	114	3350	SF	230-30A (Tile) 230-31A (Mastic	4' S of NW Corner
1st	141	3	SF		
1st	141B	4	SF		
~~1st~~ TC	TC ~~109~~				
2nd	240	51	SF		
1st	118	270	SF		
3rd	323	200	SF	230-30B (Tile) 230-31B (Mastic)	3' W of SE Corner
2nd	214	200	SF		

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	32
Material Code	CU
Material Color	Brown
Material Size	25x25
Material Descriptor	Stage Curtain
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	114	625 ~~[illegible]~~	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	Z 30
Homogenous Area (HA-##)	33/34
Material Code	VT/VTA
Material Color	Blue
Material Size	9" x 9"
Material Descriptor	
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	141	1	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	35/36
Material Code	VT/LTA
Material Color	Gray
Material Size	9"x9"
Material Descriptor	Black, White, Pink Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	121	220	SF		
2nd	205	220	SF		
Basement	23B	20	SF		

Comment: Assumed ACM

Asbestos Inspection Form

Building Number: 230

Homogenous Area (HA-##): 37/38

Material Code: VT/UTA

Material Color: Red

Material Size: 12" x 12"

Material Descriptor:

Friability: Non

Category of Assessment Classification and Response Actions: 7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	111	220	SF		
1st	112	220	SF	230-37A (Tile) 230-38A (mastic)	6' W of SE Corner

Comment:

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	39
Material Code	SI
Material Color	Black
Material Size	N/A
Material Descriptor	Sink insulation
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	111	1	EA		
1st	112	1	EA	230-39A	12'E + 18'S of NW Corner
2nd	211	1	EA		

Comment

Asbestos Inspection Form

Building Number: 230

Homogenous Area (HA-##): 40

Material Code: PJ

Material Color: Brown, Paper Material ~~Tabute~~

Material Size: N/A

Material Descriptor: ~~[illegible]~~ Insulation

Friability: ~~Yes~~ N

Category of Assessment Classification and Response Actions: ~~4~~ ~~[illegible]~~ 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	240	15*	LF	230-~~18~~ 40A	52' E of SW corner
				230-40B	52' E of SW Corner
				230-40C	52' E of SW Corner
2nd	217	~~100~~ 120	LF		(In Pipe chase Behind Bathroom East wall) + west wall)
3rd	320	120	LF		
3rd	300A	5	LF		
3rd	322	20	LF		(Damaged)
3rd	321	40	LF		(Damaged)
Basement	19	30	LF		
1st	120	5	LF		

Comment: * In access panel above water Fountain

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	41 | 42
Material Code	VT | UT4
Material Color	Green
Material Size	9" x 9"
Material Descriptor	White + Black Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	221	528	SF		
1st	102	756	SF		
1st	123	5	SF		
1st	102A	5	SF		
1st	122	160	SF		Assumed to be under Carpet
1st	122B	~~18~~ 9	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	43/44
Material Code	VT/UTH
Material Color	Greenish/Gray
Material Size	9" x 9"
Material Descriptor	White + Black Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
2nd	240	50	SF		

Comment: Assumed ACM

EA

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	45
Material Code	PL
Material Color	White
Material Size	N/A
Material Descriptor	Troweled on Plaster
Friability	Non
Category of Assessment Classification and Response Actions	7, 7H

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd	Entire * 3rd floor	15000	SF	230-45A	Rm 307, 3' S + 2' W of NE Corner
				230-45B	Rm 300 6' E + 10' N of SW Corner
				230-45C	Rm 309 12' S + 8' W of NE Corner
				230-45D	Rm 315 4' W + 2' N of SE Corner
				230-45E	Rm 302, 4' E + 3' S of NW Corner
				230-45F	Rm 308, 12' S + 6' E of NW Corner
				230-45G	Rm 304, 4' E + 2' N of SW Corner

Comment: *Above drop ceiling and above 1'x1' fiberglass tiles

EA

Building Number	230
Homogenous Area (HA-##)	46/47
Material Code	VT/VTH
Material Color	Blue
Material Size	12"x12"
Material Descriptor	White Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
3rd	304	756	SF	230-46A 230-47A	13'E + 4'S of NW Corner

Comment: Tan 9"x9" under Blue 12"x12"

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	48/49
Material Code	VT/VTA
Material Color	White
Material Size	12"x12"
Material Descriptor	Decorative
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
~~Basement~~	23	315	SF	230-48A (Tile) 230-49A (mastic)	3' S of N & Corner

Comment

EA

Building Number	230
Homogenous Area (HA-##)	50
Material Code	TI
Material Color	White
Material Size	N/A
Material Descriptor	
Friability	Yes
Category of Assessment Classification and Response Actions	Z, 1, 1B

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	27	4	SF	230-50A	SW Corner, Insulation from
				230-50B	abbandoned 1'x2'x1' Hot water
				230-50C	heater.

Comment: Abandoned Hot water Tank

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	51
Material Code	CT
Material Color	Gray
Material Size	N/A
Material Descriptor	Debris Ceiling Tile
Friability	~~Yes~~ F
Category of Assessment Classification and Response Actions	2, 2A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
Basement	27	TC ~~8~~ 16	SF	230-51H	2' E of NW Corner in Doorway

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	52/53
Material Code	VT/VTA
Material Color	Black
Material Size	12" x 12"
Material Descriptor	White Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7, 7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	123	270	SF	230-52A (Tile) 230-53A (Mastic)	3' E of SW Corner

Comment

Asbestos Inspection Form

Building Number	230
Homogenous Area (HA-##)	54/55
Material Code	VT/VTA
Material Color	White
Material Size	12"x12"
Material Descriptor	Black Streaks
Friability	Non
Category of Assessment Classification and Response Actions	7,7A

Floor	Room	Quantity	Unit (EA, SF, LF)	Sample Name	Sample Location (e.g., NE Corner)
1st	123	270	SF	230-54A (Tile) 230-55A (Mastic)	3' E of SW Corner

Comment

EA

APPENDIX B

CHAIN-OF-CUSTODY FORMS

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 217

P3/C

AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd.• Lanham, MD 20706
(301) 459-2640•(800) 346-0961•Fax (301) 459-2643

MAILING ADDRESS:

1. Submittal Date: 5/21/92 Job Name/location: Draper ES #730
2. Client Name: EH Engineering Job #: P.O. #:
3. Street/RFD/P.O. Box: 15 Loveton Circle Bill To:
4. City, State, Zip: Sparks MD 21152 Phone #: 410-771 4753 Fax: 410-771-4784
5. Contact Person: Kristi Hiem Submitted By: Tom Carey (Print) Thomas Carey (Signature)
6. **DATE & TIME RESULTS REQUIRED:** ____ / ____ / ____, **Time:** ____ AM PM ☐ **IMMED.** ☐ **24HR** ☐ **48HR** ☐ **72HR** ☐ **5-DAY** OTHER(Specify):

SAMPLE DATA:

1. Analysis Type: ☒ Asbestos ☐ Lead ☐ NOB - Whole (PLM/TEM) ☐ NOB Res. Ash (TEM) ☐ Other(Specify)
2. Total Number Of Samples: TEM ____ PCM ____ PLM ____ LEAD ____ OTHER (Specify)
3. ELECTRON MICROSCOPY SAMPLES:
   A. Filter Type: PC ☐ MCE ☐ **B.** Porosity: ____ Micron **C.** Diameter ☐ 37mm ☐ 25mm
4. Release Critera/Analytical Sensitivity: 0.010 f/cc ☐ 0.005 f/cc ☐ AHERA ☐ %ASBESTOS ☒ S/FT^2 ☐ OTHER ☐
5. Field Sheet Attached? YES ☐ NO ☐ If No Then Please Complete The Following:

SAMPLE ANALYSIS INFORMATION					ANALYSIS					MATRIX				
CLIENT ID NUMBER	AMA ID NUMBER	SAMPLE LOCATION	DATE	VOLUME (LITERS)	TEM	PCM	PLM	LEAD	OTHER	AIR	BLANK	BULK	WIPE	OTHER
730-15B							X							
730-15C							X							
730-16A							X							
730-16B							X							
730-16C							X							
730-17A							X							
730-17B							X							
730-17C							X							
~~730-45C~~							X							
730-18A							X							
730-18B							X							
730-19A							X							
730-19B							X							

REPORTING DATA:

1. Verbal Results To Whom? Name: Phone: Beeper:
2. Date Written Results Reqired ____ / ____ / ____

LABORATORY STAFF ONLY: (CUSTODY)

1. Date/Time RCVD: ____ / ____ / ____ @ ____ Via: ____ By (Print): ____ Sign: ____
2. Date/Time Analyzed: ____ / ____ / ____ @ ____ By (Print): ____ Sign: ____
3. Results Reported To: ____ Via: ____ Date: ____ / ____ / ____ Time: ____ Initials: ____
4. Comments:

AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd.• Lanham, MD 20706
(301) 459-2640•(800) 346-0961•Fax (301) 459-2643

CHAIN OF CUSTODY

PSIC

MAILING ADDRESS:

1. Submittal Date: 5/21/91 Job Name/location: Draper FS #230
2. Client Name: EA Engineering Job #: P.O. #:
3. Street/RFD/P.O. Box: 15 Loveton Circle Bill To:
4. City, State, Zip: Sparks MD 21152 Phone #: 410-771-4950 Fax: 410-771-4704
5. Contact Person: Kris Hansen Submitted By: Tom Carey (Print) Tom Carey (Signature)
6. **DATE & TIME RESULTS REQUIRED:** ____ / ____ / ____, **Time:** ____ AM PM ☐ **IMMED.** ☐ **24HR** ☐ **48HR** ☐ **72HR** ☐ **5-DAY** OTHER(Specify):

SAMPLE DATA:

1. Analysis Type: ☒ Asbestos ☐ Lead ☐ NOB - Whole (PLM/TEM) ☐ NOB Res. Ash (TEM) ☐ Other(Specify)
2. Total Number Of Samples: TEM ____ PCM ____ (PLM) ____ LEAD ____ OTHER (Specify)
3. ELECTRON MICROSCOPY SAMPLES:
   A. Filter Type: PC ☐ MCE ☐ **B.** Porosity: ____ Micron **C.** Diameter ☐ 37mm ☐ 25mm
4. Release Critera/Analytical Sensitivity: 0.010 f/cc ☐ 0.005 f/cc ☐ AHERA ☐ %ASBESTOS ☒ S/FT^2 ☐ OTHER ☐
5. Field Sheet Attached? YES ☐ NO ☐ If No Then Please Complete The Following:

SAMPLE ANALYSIS INFORMATION					ANALYSIS					MATRIX				
CLIENT ID NUMBER	AMA ID NUMBER	SAMPLE LOCATION	DATE	VOLUME (LITERS)	TEM	PCM	PLM	LEAD	OTHER	AIR	BLANK	BULK	WIPE	OTHER
230-20A							X							
230-20B							X							
230-21A							X							
230-29A							X							
230-29B							X							
230-30A							X							
230-30B							X							
230-31A							X							
230-31B							X							
230-37A							X							
230-38A							X							
230-39A							X							
230-40A							X							

REPORTING DATA:

1. Verbal Results To Whom? Name: ____ Phone: ____ Beeper: ____
2. Date Written Results Reqired ____ / ____ / ____

LABORATORY STAFF ONLY: (CUSTODY)

1. Date/Time RCVD: ____ / ____ / ____ @ ____ Via: ____ By (Print): ____ Sign: ____
2. Date/Time Analyzed: ____ / ____ / ____ @ ____ By (Print): ____ Sign: ____
3. Results Reported To: ____ Via: ____ Date: ____ / ____ / ____ Time: ____ Initials: ____
4. Comments: ____

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CHAIN OF CUSTODY

Number For Inquires)

217
P5/6

MAILING ADDRESS:

1. Submittal Date: 5/21/97
2. Client Name: EA Engineering
3. Street/RFD/P.O. Box: 15 Loveton Circle
4. City, State, Zip: Sparks, MD 21152
5. Contact Person: Kris Hoiem

Job Name/location: Draper ES #230
Job #: P.O. #:
Bill To:
Phone #: 410-771-4950 Fax: 410-771-4704
Submitted By: Tim Carey (Print) (Signature)

6. DATE & TIME RESULTS REQUIRED: ____ / ____ / ____, **Time:** ____ AM PM ☐ **IMMED.** ☐ **24HR** ☐ **48HR** ☐ **72HR** ☐ **5-DAY** OTHER(Specify): ____

SAMPLE DATA:

1. Analysis Type: ☒ Asbestos ☐ Lead ☐ NOB - Whole (PLM/TEM) ☐ NOB Res. Ash (TEM) ☐ Other(Specify) ____
2. Total Number Of Samples: TEM ____ PCM ____ PLM ____ LEAD ____ OTHER (Specify) ____
3. ELECTRON MICROSCOPY SAMPLES:
   A. Filter Type: PC ☐ MCE ☐ **B.** Porosity: ____ Micron **C.** Diameter ☐ 37mm ☐ 25mm
4. Release Critera/Analytical Sensitivity: 0.010 f/cc ☐ 0.005 f/cc ☐ AHERA ☐ %ASBESTOS ☒ S/FT^2 ☐ OTHER ☐
5. Field Sheet Attached? YES ☐ NO ☐ If No Then Please Complete The Following:

SAMPLE ANALYSIS INFORMATION / **ANALYSIS** / **MATRIX**

CLIENT ID NUMBER	AMA ID NUMBER	SAMPLE LOCATION	DATE	VOLUME (LITERS)	TEM	PCM	PLM	LEAD	OTHER	AIR	BLANK	BULK	WIPE	OTHER
230-40B							X							
230-40C							X							
230-45A							X							
230-45B							X							
230-45C							X							
230-45D							X							
230-45E							X							
230-45F							X							
230-45G							X							
230-46A							X							
230-47A							X							
230-48A							X							
230-49A							X							

REPORTING DATA:

1. Verbal Results To Whom? Name: ____ Phone: ____ Beeper: ____
2. Date Written Results Reqired ____ / ____ / ____

LABORATORY STAFF ONLY: (CUSTODY)

1. Date/Time RCVD: ____ / ____ / ____ @ ____ Via: ____ By (Print): ____ Sign: ____
2. Date/Time Analyzed: ____ / ____ / ____ @ ____ By (Print): ____ Sign: ____
3. Results Reported To: ____ Via: ____ Date: ____ / ____ / ____ Time: ____ Initials: ____
4. Comments: ____

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CHAIN OF CUSTODY

pg 6/6

MAILING ADDRESS:

1. Submittal Date: 5/21/99 Job Name/location: Draper ES #230
2. Client Name: EA Engineering Job #: P.O. #:
3. Street/RFD/P.O. Box: 15 Loveton Circle Bill To:
4. City, State, Zip: Sparks MD 21152 Phone #: 410-771-4950 Fax: 410-771-4204
5. Contact Person: Kris Hosem Submitted By: Tom Carey (Print) [signature] (Signature)
6. **DATE & TIME RESULTS REQUIRED:** ____ / ____ / ____, **Time:** ____ AM PM ☐ **IMMED.** ☐ **24HR** ☐ **48HR** ☐ **72HR** ☐ **5-DAY** OTHER(Specify):

SAMPLE DATA:

1. Analysis Type: ☒ Asbestos ☐ Lead ☐ NOB - Whole (PLM/TEM) ☐ NOB Res. Ash (TEM) ☐ Other(Specify)
2. Total Number Of Samples: TEM ____ PCM ____ PLM ____ LEAD ____ OTHER (Specify)
3. ELECTRON MICROSCOPY SAMPLES:
   A. Filter Type: PC ☐ MCE ☐ **B.** Porosity: ____ Micron **C.** Diameter ☐ 37mm ☐ 25mm
4. Release Critera/Analytical Sensitivity: 0.010 f/cc ☐ 0.005 f/cc ☐ AHERA ☐ %ASBESTOS ☒ S/FT^2 ☐ OTHER ☐
5. Field Sheet Attached? YES ☐ NO ☐ If No Then Please Complete The Following:

SAMPLE ANALYSIS INFORMATION					ANALYSIS					MATRIX				
CLIENT ID NUMBER	AMA ID NUMBER	SAMPLE LOCATION	DATE	VOLUME (LITERS)	TEM	PCM	PLM	LEAD	OTHER	AIR	BLANK	BULK	WIPE	OTHER
230-50A							X							
230-50B							X							
230-50C							X							
230-51A							X							
230-52A							X							
230-53A							X							
230-54A							X							
230-55A							X							

REPORTING DATA:

1. Verbal Results To Whom? Name: Phone: Beeper:
2. Date Written Results Reqired ____ / ____ / ____

LABORATORY STAFF ONLY: (CUSTODY)

1. Date/Time RCVD: ____ / ____ / ____ @ ____ Via: ____ By (Print): ____ Sign: [signature]
2. Date/Time Analyzed: ____ / ____ / ____ @ ____ By (Print): ____ Sign: ____
3. Results Reported To: ____ Via: ____ Date: ____ / ____ / ____ Time: ____ Initials: ____
4. Comments: ____

APPENDIX C

LABORATORY CERTIFICATES OF ANALYSIS

Electron & Optical Microscopy Services

CERTIFICATE OF ANALYSIS

NY ELAP
AIHA

Client:	EA Engineering Science & Technology	**Job Name:**	District of Columbia Public Schools	**Chain Of Custody:**	62217
Address:	15 Loveton Circle	**Job Location:**	Draper Elementary School - #230	**Date Analyzed:**	6/1/99
	Sparks, Maryland 21152	**Job Number:**	60957.31	**Person Submitting:**	Tom Carey
		P.O. Number:	Not Provided		

Attention: Kris Hoiem

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Analyst ID	Comments
9932492	230-01A	NAD	--	--	--	--	--	--	40	--	--	60	Gray	AM	
9932493	230-01B	NAD	--	--	--	--	--	--	50	--	--	50	Gray	AM	
9932494	230-01C	NAD	--	--	--	--	--	--	45	--	--	55	Off-White	AM	
9932495	230-03A	NAD	--	--	--	--	--	--	TR	--	--	100	Green	AM	
9932496	230-03B	NAD	--	--	--	--	--	--	--	--	--	100	Green	AM	
9932497	230-04A	NAD	--	--	--	--	--	--	2	--	--	98	Gray	AM	
9932498	230-04B	NAD	--	--	--	--	--	--	3	TR	--	97	Black	AM	
9932499	230-05A	NAD	--	--	--	--	--	--	TR	--	--	100	White	AM	
9932500	230-05B	NAD	--	--	--	--	--	--	TR	--	--	100	White	AM	
9932501	230-05C	NAD	--	--	--	--	--	--	TR	--	--	100	White	AM	
9932502	230-05D	NAD	--	--	--	--	--	--	TR	--	--	100	White	AM	
9932503	230-05E	NAD	--	--	--	--	--	--	TR	TR	--	100	White	AM	
9932504	230-05F	NAD	--	--	--	--	--	--	TR	--	--	100	White	AM	
9932505	230-05G	NAD	--	--	--	--	--	--	--	--	--	100	White	AM	
9932506	230-08A	NAD	--	--	--	--	--	--	20	--	--	80	Black	AM	
9932507	230-08B	NAD	--	--	--	--	--	--	15	--	--	85	Brown	AM	
9932508	230-08C	NAD	--	--	--	--	--	--	TR	--	--	100	Brown	AM	
9932509	230-11A	25	20	5	--	--	--	--	--	--	--	75	White	AM	

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of air samples.
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CERTIFICATE OF ANALYSIS

AIHA

Client:	EA Engineering Science & Technology	**Job Name:**	District of Columbia Public Schools	**Chain Of Custody:**	62217
Address:	15 Loveton Circle	**Job Location:**	Draper Elementary School - #230	**Date Analyzed:**	6/1/99
	Sparks, Maryland 21152	**Job Number:**	60957.31	**Person Submitting:**	Tom Carey
		P.O. Number:	Not Provided		

Attention: Kris Hoiem

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Analyst ID	Comments
9932510	230-11B	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932511	230-11C	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932512	230-12A	35	35	--	--	--	15	--	5	--	--	45	Gray	AM	
9932513	230-12B	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932514	230-12C	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932515	230-13A	NAD	--	--	--	--	--	--	--	--	--	100	Gray	AM	
9932516	230-14A	TR	TR	--	--	--	--	--	5	--	--	95	Black	AM	
9932517	230-15A	NAD	--	--	--	--	--	--	TR	--	--	100	Off-White	AM	
9932518	230-15B	NAD	--	--	--	--	--	--	TR	--	--	100	Beige	AM	
9932519	230-15C	NAD	--	--	--	--	--	--	TR	--	--	100	Off-White	AM	
9932520	230-16A	TR	TR	--	--	--	--	--	2	--	--	98	Black	AM	
9932521	230-16B	NAD	--	--	--	--	--	--	4	--	--	96	Black	AM	
9932522	230-16C	2	2	--	--	--	--	--	3	--	--	95	Black	AM	
9932523	230-17A	2	2	--	--	--	--	--	2	--	--	96	Black	AM	
9932524	230-17B	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932525	230-17C	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932526	230-18A	NAD	--	--	--	--	40	--	30	--	--	30	Gray	AM	
9932527	230-18B	NAD	--	--	--	--	25	--	40	--	--	35	Gray	AM	

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Electron & Optical Microscopy Services

CERTIFICATE OF ANALYSIS

NVLAP
NY ELAP
AIHA

Client:	EA Engineering Science & Technology	**Job Name:**	District of Columbia Public Schools	**Chain Of Custody:**	62217
Address:	15 Loveton Circle	**Job Location:**	Draper Elementary School - #230	**Date Analyzed:**	6/1/99
	Sparks, Maryland 21152	**Job Number:**	60957.31	**Person Submitting:**	Tom Carey
		P.O. Number:	Not Provided		

Attention: Kris Hoiem

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Analyst ID	Comments
9932528	230-18C	NAD	--	--	--	--	40	--	30	--	--	30	Gray	AM	
9932529	230-19A	NAD	--	--	--	--	--	--	2	--	--	98	Gray	AM	
9932530	230-19B	NAD	--	--	--	--	--	--	3	--	--	97	Off-White	AM	
9932531	230-20A	NAD	--	--	--	--	--	--	6	--	--	94	Black	AM	
9932532	230-20B	NAD	--	--	--	--	--	--	30	--	--	70	Black	AM	
9932533	230-21A	NAD	--	--	--	--	5	--	TR	--	--	95	Brown	AM	
9932534	230-29A	NAD	--	--	--	--	2	--	15	--	--	83	Beige	AM	
9932535	230-29B	NAD	--	--	--	--	--	--	--	80	--	20	Multi	AM	
9932536	230-30A	NAD	--	--	--	--	--	--	TR	--	--	100	Gray	AM	
9932537	230-30B	NAD	--	--	--	--	--	--	TR	--	--	100	Gray	AM	
9932538	230-31A	NAD	--	--	--	--	--	--	2	--	--	98	Beige	AM	
9932539	230-31B	NAD	--	--	--	--	--	--	8	--	--	92	Black	AM	
9932540	230-37A	NAD	--	--	--	--	--	--	TR	--	--	100	Orange	AM	
9932541	230-38A	TR	TR	--	--	--	--	--	4	--	--	96	Black	AM	
9932542	230-39A	2	2	--	--	--	--	--	TR	--	--	98	Black	AM	
9932543	230-40A	5	5	--	--	--	--	--	75	--	--	20	Beige	AM	
9932544	230-40B	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932545	230-40C	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed

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CERTIFICATE OF ANALYSIS

AIHA

Client:	EA Engineering Science & Technology	**Job Name:**	District of Columbia Public Schools	**Chain Of Custody:**	62217
Address:	15 Loveton Circle	**Job Location:**	Draper Elementary School - #230	**Date Analyzed:**	6/1/99
	Sparks, Maryland 21152	**Job Number:**	60957.31	**Person Submitting:**	Tom Carey
		P.O. Number:	Not Provided		

Attention: Kris Hoiem

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Analyst ID	Comments
9932546	230-45A	NAD	--	--	--	--	--	--	TR	--	--	100	Gray	AM	
9932547	230-45B	NAD	--	--	--	--	--	--	2	--	--	98	Gray	AM	
9932548	230-45C	NAD	--	--	--	--	--	--	TR	--	--	100	Gray	AM	
9932549	230-45D	NAD	--	--	--	--	TR	--	--	--	--	100	Gray	AM	
9932550	230-45E	NAD	--	--	--	--	--	--	TR	--	--	100	Gray	AM	
9932551	230-45F	NAD	--	--	--	--	--	--	TR	--	--	100	Gray	AM	
9932552	230-45G	NAD	--	--	--	--	--	--	TR	--	--	100	Gray	AM	
9932553	230-46A	NAD	--	--	--	--	--	--	TR	--	--	100	Blue	AM	
9932554	230-47A	NAD	--	--	--	--	--	--	5	--	--	95	Brown	AM	
9932555	230-48A	NAD	--	--	--	--	--	--	3	--	--	97	Off-White	AM	
9932556	230-49A	NAD	--	--	--	--	--	--	15	--	--	85	Black	AM	
9932557	230-50A	70	70	--	--	--	--	--	2	2	--	26	Gray	AM	
9932558	230-50B	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932559	230-50C	--	--	--	--	--	--	--	--	--	--	--		AM	Sample Not Analyzed
9932560	230-51A	NAD	--	--	--	--	--	--	75	--	--	25	Gray	AM	
9932561	230-52A	NAD	--	--	--	--	--	--	2	--	--	98	Black	AM	
9932562	230-53A	NAD	--	--	--	--	--	--	25	--	--	75	Black	AM	
9932563	230-54A	2	2	--	--	--	--	--	TR	--	--	98	Gray	AM	

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Electron & Optical Microscopy Services

CERTIFICATE OF ANALYSIS

NY ELAP
AIHA

Client:	EA Engineering Science & Technology	**Job Name:**	District of Columbia Public Schools	**Chain Of Custody:**	62217
Address:	15 Loveton Circle	**Job Location:**	Draper Elementary School - #230	**Date Analyzed:**	6/1/99
	Sparks, Maryland 21152	**Job Number:**	60957.31	**Person Submitting:**	Tom Carey
		P.O. Number:	Not Provided		

Attention: Kris Hoiem

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Analyst ID	Comments
9932564	230-55A	NAD	--	--	--	--	--	--	8	--	--	92	Black	AM	

The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

1 TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.

2 MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993

NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

Adam Marx

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APPENDIX D

ASBESTOS INSPECTOR CERTIFICATES

AEROSOL MONITORING & ANALYSIS, INC.

THIS IS TO CERTIFY THAT

SCOTT MAGEE

HAS MET THE ATTENDANCE REQUIREMENTS
AND SUCCESSFULLY COMPLETED
THE COURSE ENTITLED

5-DAY EPA AHERA SUPERVISOR

For Accreditation Under TSCA Title II

2/15/99 to 2/19/99	*2/19/00*	*2/19/99*
COURSE DATE	*EXPIRATION DATE*	*EXAM DATE*
E. RUSH BARNETT E. Rush Barnett	*MD-040134*	
COURSE DIRECTOR	*CERTIFICATE NO.*	

1331 Ashton Road P.O. Box 646 Hanover, MD 21076 410-684-3327 FAX: 410-684-3724

AEROSOL MONITORING & ANALYSIS, INC.

THIS IS TO CERTIFY THAT

SCOTT MAGEE

HAS MET THE ATTENDANCE REQUIREMENTS
AND SUCCESSFULLY COMPLETED
THE COURSE ENTITLED

3-DAY EPA AHERA INSPECTOR

For Accreditation Under TSCA Title II

4/19/99 to 4/21/99	4/21/00	4/21/99
COURSE DATE	*EXPIRATION DATE*	*EXAM DATE*
E. RUSH BARNETT E. Rush Barnett	MD-041073	
COURSE DIRECTOR	*CERTIFICATE NO.*	

1331 Ashton Road *P.O. Box 646* *Hanover, MD 21076* *410-684-3327* *FAX: 410-684-3724*

AEROSOL MONITORING & ANALYSIS, INC.

THIS IS TO CERTIFY THAT

SCOTT MAGEE

HAS MET THE ATTENDANCE REQUIREMENTS
AND SUCCESSFULLY COMPLETED
THE COURSE ENTITLED

EPA AHERA MANAGEMENT PLANNER

For Accreditation Under TSCA Title II

4/22/99 to 4/23/99		4/23/00	4/23/99
COURSE DATE		*EXPIRATION DATE*	*EXAM DATE*
E. RUSH BARNETT E. Rush Barnett		MD-041082	
COURSE DIRECTOR		*CERTIFICATE NO.*	

1331 Ashton Road *P.O. Box 646* *Hanover, MD 21076* *410-684-3327* *FAX: 410-684-3724*

APPENDIX E

LABORATORY ACCREDITATION (NVLAP)

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

AMA ANALYTICAL SERVICES, INC.

LANHAM, MD

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 1999

Effective through

For the National Institute of Standards and Technology

NVLAP Lab Code: 101143-0

NVLAP-01C (11-95)

nerce
chnology

on

INC.

am for satisfactory compliance with
criteria encompass the requirements
I/ASQC Q92-1987) as suppliers of
d on the Scope of Accreditation for:

LYSIS

ational Institute of Standards and Technology
NVLAP Lab Code: 101143-0

The American Industrial Hygiene Association

is proud to acknowledge that

AMA Analytical Services, Inc.

Lanham, MD

Laboratory ID # 8863

has fulfilled the requirements for Industrial Hygiene Laboratory Accreditation and has earned distinguished recognition as an

AIHA IH Accredited Laboratory

Originally Accredited March 1, 1984, current certificate effective March 1, 1996 until March 1, 1999, subject to continued compliance with AIHA accreditation criteria.

President
American Industrial Hygiene Association

January 22, 1996
Date Prepared

Chair
Analytical Accreditation Board

244
Certificate Number

Chairman
IH Laboratory Accreditation Committee

THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

is proud to acknowledge that

AMA Analytical Services, Inc.
Lanham, MD
Laboratory ID# 8863

has fulfilled the requirements for the Environmental Lead Laboratory Accreditation Program and has earned distinguished recognition as an

AIHA ELLAP ACCREDITED LABORATORY

October 28, 1996 through October 28, 1999

In the following matrices: Paint Soil Dust

This program is recognized by the EPA as meeting the requirements of the National Lead Laboratory Accreditation Program established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992.

Zack Mansdorf

Zack Mansdorf, PhD., CIH, CSP
President, American Industrial Hygiene Association

Lisa A. Constantine

Lisa A. Constantine, CIH
Chair, Environmental Lead Laboratory Accreditation Committee

Donald J. Hart

Don Hart, Ph.D., CIH
Chair, Analytical Accreditation Board

NEW YORK STATE DEPARTMENT OF HEALTH

BARBARA A. DEBUONO, M.D., M.P.H. Commissioner

Expires 12:01 AM April 1, 1999
ISSUED April 1, 1998
REVISED June 26, 1998

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

ID No.: 10920

Director: MR. G.EDWARD CARNEY
Lab Name: AMA ANALYTICAL SERVICES INC
Address : 4485 FORBES BLVD
LANHAM MD 20706

is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES/AIR AND EMISSIONS

All approved subcategories and/or analytes are listed below:

s Air :

Wadsworth Center

Serial No.: 102891

Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. Valid certificate has a red serial number.

(3/97)

NEW YORK STATE DEPARTMENT OF HEALTH

BARBARA A. DEBUONO, M.D., M.P.H. Commissioner

Expires 12:01 AM April 1, 1999
ISSUED April 1, 1998
REVISED June 26, 1998

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

ab ID No.: 10920

Director: MR. G.EDWARD CARNEY
Lab Name: AMA ANALYTICAL SERVICES INC
Address : 4485 FORBES BLVD
LANHAM MD 20706

is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES/ POTABLE WATER

All approved subcategories and/or analytes are listed below:

ter Metals I :
Total
otal

D.W. Miscellaneous :
Asbestos

ial No.: 102890

Wadsworth Center

erty of the New York State Department of Health. Valid only at the address shown.
t be conspicuously posted. Valid certificate has a red serial number.

-3317 (3/97)

STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION

Certifies That

AMA ANALYTICAL SERVICES, INC.
4475 Forbes Boulevard, Lanham, Maryland 20706

having duly met the requirements of the

Regulations Governing Laboratory Certification
And Standards Of Performance In Accordance With
The Annotated Code of Maryland,
is hereby approved as a

State Certified Water Quality Laboratory

To perform the analyses indicated on the Annual Certified Parameter List,
which must accompany this certificate.

Certification # 262

Date Issued September 30, 1998

Expiration Date September 30, 1999
(Not Transferable)

J. Melissa Joseph
Director, Laboratories Administration

This certification is subject to unannounced laboratory inspections

CONSPICUOUSLY DISPLAY IN THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST

Mar-16-99 13:55 AMA Analytical Services

State of Maryland

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION

This is to certify that the following personnel of the

AMA ANALYTICAL SERVICES, INC.
Laboratory

4475 Forbes Boulevard, Lanham, Maryland 20706
Address

have been approved to perform the indicated procedures on Drinking Water
in connection with interstate regulations, and/or Maryland Law.

Name	Tests approved
Mr. G. Edward Carney Laboratory Director & Laboratory Manager	* Trace Metals Group 1 -- Lead Copper
Mr. Yassin Jeilani	

* Denotes Provisional Certification

his certificate expires Sept.30, 1999 unless sooner withdrawn.
ertification No. 262
te Issued: September 30, 1998

Director, Laboratories Administration

MH-00155 6/94

POST IN A CONSPICUOUS PLACE

Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services

Certifies That

AMA ANALYTICAL SERVICES, INC.

Having Duly Met the Requirements of the
Regulations for the Certification of Laboratories Analyzing Drinking Water
Is hereby Approved as a

Certified Drinking Water Laboratory

To Perform the Analyses as indicated on the Annual Certified Parameter List
Which must accompany this to be valid.

Laboratory ID Number 00006 Effective July 1998 Through June 1999

Virginia Laboratory Officer
Safe Drinking Water Program

This certification is subject to unannounced laboratory inspections.
Conspicuously display in the laboratory with the annual certified parameter list.
This laboratory has met the minimum requirements for certification to analyze drinking water.
THIS CERTIFICATION DOES NOT GUARANTEE ACCURATE RESULTS.

Certificate Not Transferable

Surrender upon Revocation

Mar-16-99 13:56 AMA Analytical Services

Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services

Annual Certified Parameter List
July 1, 1998 - June 30, 1999

AMA Analytical Services, Inc.
4485 Forbes Boulevard
Lanham, MD 20706

ID Number 00006

Inorganic Chemical:

A:	Asbestos
Trace Metal 1:	Lead, Copper

James L. Pearson, Dr. P.H., BCLD
Virginia Laboratory Officer
Safe Drinking Water Program

*** Denotes Provisional Certification**

Mar-16-99 13:57 AMA Analytical Services

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

3600 West Broad Street, Richmond, VA 23230
Telephone: 1 (804) 367-8500

EXPIRES ON
01-31-2000

NUMBER
3333 000067

VIRGINIA ASBESTOS LICENSE

ASBESTOS ANALYTICAL LABORATORY LICENSE

TEM
PLM
PCM

AMA ANALYTICAL SERVICES INC
4475 FORBES BLVD

LANHAM, MD 20706

Jack E. Kotvas, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA

(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA
VIRGINIA ASBESTOS LICENSE
ASBESTOS ANALYTICAL LABORATORY
NUMBER: 3333 000067 EXPIRES: 01-31-2000
TEM PLM PCM

AMA ANALYTICAL SERVICES INC
4475 FORBES BLVD

LANHAM MD 20706

(FOLD)

(DETACH HERE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
3600 West Broad Street Richmond, Virginia 23230

LICENSE

C I T Y O F P H I L A D E L P H I A
DEPARTMENT OF LICENSES AND INSPECTIONS

LICENSE ISSUANCE UNIT
1401 JOHN F. KENNEDY BLVD.
PHILADELPHIA, PA 19102
MU6-2490

AMA ANALYTICAL SERVICES INC
4485 FORBES BLV
LANHAM MD 20706-0000

3625 000013 ANALYTICAL TESTING LAB
AMA ANALYTICAL SERVICES INC
PCM,TEM,PLM

06/25/1998

DISPLAY PROMINENTLY
IF REQUIRED BY LAW

THIS LICENSE IS GRANTED TO THE PERSON AND LOCATION FOR THE PURPOSE STATED ABOVE. IT IS SUBJECT TO IMMEDIATE CANCELLATION BY THIS DEPARTMENT FOR VIOLATIONS OF CITY ORDINANCES AND REGULATIONS.

LICENSE CODE	LICENSE NUMBER	BUSINESS TAX	EXPIRES LAST DAY OF	CURRENT FEE DUE	DELINQ FEE DUE	PENALTY DUE
3625	000013	6224877	04/1999	0.00	0.00	0.00

PAID THIS AMOUNT: 300.00

ON DATE: 06/25/1998

LICENSE

Table 4. Damaged and Significantly Damaged ACBM

18-Jun-99

Building Number	Homogeneous Area	Material Description	Room	Room Quantity	Units	COMMENTS
230	40	Pipe Insulation, BROWN PAPER MATERIAL, ,	BOY'S ROOM	20	LF	INSULATION SIGNIFICANTLY DAMAGED BEHIND BOY'S TOILETS IN PIPE CHASE