

**BENJAMIN MURZBAN
& SON CONTROL INC.**1248 Ralph Ave.
BROOKLYN, NY 11236

(718) 531-9000

INVOICE

1159

DATE
8/12/02

ORDER NO.

SHIP TO

Contract REM-ROF2

TO

Dept of Environmental Protection

59-17 Junction Blvd

Corona, NY 11368

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
QUANTITY		DESCRIPTION		
>		Registration # CT82620020015280		
		Pin# 82602WTCROOF2		
		For work completed at 180 Broadway		
		19,309 SF @ 2/SF		
		Total Amount due This Invoice		\$38,618.00
		<i>R. Rahman</i>		

ORIGINAL

Thank You!

NYS

VI. PROJECT INFORMATION

24. Starting date for this portion of work 08/12/02 Projected completion date 08/12/02Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ SundayShift from: 8⁰⁰ ☒ am ☐ pm to 5⁰⁰ ☐ am ☒ pmIf other,
specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

19309 ☒ Square Feet, and/or 0 Linear FeetACP 7
2/2001

E096WTC



NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
 59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107
ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TEL 10944402
 Building Dept. or TRU No
 FOR OFFICIAL USE ONLY
 1. *Dep*
 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 180 Broadway Borough Manhattan Zip _____
 AKA _____ 3. Block 65 4. Lot 18
 5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name Downtown Realty Operating Corp 8. Contact Person _____
 9. Tel. # _____ Fax # _____
 10. Address _____ City _____ State _____ Zip _____

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Benjamin Kurzban & Son Control 13. Contact Person Louie Iannico
 14. Federal Employer ID. # PII 15. Tel. # (718) 531-2900 Fax # (718) 209-1808
 16. Address 1248 Ralph Avenue City Brooklyn State NY Zip 11236

V. THIRD PARTY AIR MONITOR

17. Name Warren & Panza 18. Contact Person _____
 19. Federal Employer ID. # PII 20. Tel. # (212) 922-0077 Fax # (212) 922-0630
 21. Address 228 East 45th St City New York State NY Zip 10017
 22. Sample Analysis Laboratory _____ 23. NYS DOH ELAP # _____

VI. PROJECT INFORMATION

24. Starting date for this portion of work 07/12/02 Projected completion date 08/12/02

Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ Sunday

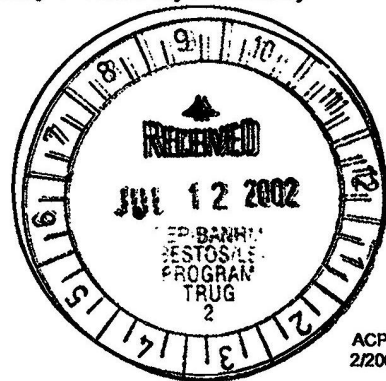
Shift from: 8⁰⁰ ☒ am ☐ pm to 8⁰⁰ ☐ am ☒ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

19309 ⁸ Square Feet, and/or 0 Linear Feet



ACP 7
2/2001

E076W1C

180 BROADWAY

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler IESI, NY NYS DEC Permit # NJ-462 Tel.# (718) 522-2263Disposal Site(s) BlueRidge Landfill PO Box 399 Scotsdale, Pa 17254

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

- a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
 e) ☐ Fireproofing Replacement f) ☒ Other (Describe) _____

28. TYPE OF ABATEMENT (Check all appropriate boxes)

- ☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☒ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

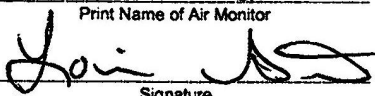
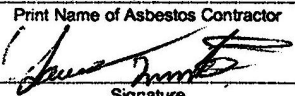
- ☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

The 10944ND02

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc.)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM		DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
			SQUARE FEET	LINEAR FEET	
ROOF		ROOF SURFACES	1866		
"		PARAPETS	702		
"		BULKHEAD	800		
"		HIGH WALL	780		
SET BACK		ROOF SURFACE	1161		
"		A/C UNITS & DUCTS	5000		
WEST FACADE		FACADE SURFACE	1200		3 R.O.F.L. TO STREET LEVEL
EAST FACADE		FACADE SURFACE	6000		
NORTH FACADE		FACADE SURFACE	1800		

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

WARREN & PANZER ENGINEERS Print Name of Air Monitor  Signature 07-09-02 Date	B. KURZBAN & SON CONTROL Print Name of Asbestos Contractor  Signature 07-09-02 Date	_____ Print Name of Applicant (If other than Owner) _____ Signature _____ Date
---	--	---

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

 Print Name of Owner


 Signature

NYC DEP
 07-09-02
 Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001



ATC Associates Inc.

104 East 25 Street
New York, NY 10010

TEL: (212) 353-8280 FAX: (212) 353-8306

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Fabio Pedone
Warren & Panzer Engineers, P.C.

From: ROMAN PEYSAKHOV

Fax #: (212) 922-0630

ATC Group #: 8507

Date: Monday, July 15, 2002

Client Project: NYC DEP. W&P# 1079.01.02
180 Broadway

Time: 4:16:07 PM

Comments:

Number of Pages:

3
(including cover page)

18

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Fabio Pedone
Warren & Panzer Engineers, P.C.
228 E. 45th Street
New York NY 10017

Received: 7/15/02 11:00:00 AM

ATC Group #: 8507

Analysis Date: 7/15/02

Fax: (212) 922-0630 Phone: (212) 922-0077

Project: NYC DEP, W&P# 1079.01.02
180 Broadway

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
01 8507 -1	1660.00	0.0562	0	None Detected	0	0.0041	<17.79	<0.0041
02 8507 -2	1660.00	0.0562	0	None Detected	0	0.0041	<17.79	<0.0041
03 8507 -3	1660.00	0.0562	0	CHRYSTOLE	1	0.0041	17.79	0.0041
04 8507 -4	1660.00	0.0562	0	None Detected	0	0.0041	<17.79	<0.0041
05 8507 -5	1660.00	0.0562	0	None Detected	0	0.0041	<17.79	<0.0041

17

ROMAN PEYSAKHOV

Analyzed by: 

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

Page 1 of 1

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

P.O.

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

W&P FILE #: 1079-01-02

LABORATORY: AEC

CONTACT:

ANALYSIS METHOD: PCM TEM
circle one 7400 AHERA EPA LEVEL #

TECHNICIAN: CHETAN RAMSAY

228 East 45th Street
New York, NY 10017
(212) 922-9677
Fax (212) 922-0630

CLIENT: NYC DEP
PROJECT: 180 BROADWAY
LOCATION: Roof

8507

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (µg./cc.)
01	on east wall of roof	3		4	09:10 16:05	45	1660	
02	on west wall of roof	3			09:11 16:06			
03	on north wall of roof	3			09:12 16:07			
04	on south wall of roof	3			09:13 16:08			
05	At the center of roof	3			09:14 16:09			
06	FIELD	1						
07	BLANK	1						
08	BLANK							

COMMENTS:

SAMPLE BY: CHETAN RAMSAY DATED: 07/14/02

SIGNATURE: Chetram Ramsay

RELEASED BY: DATE:

SIGNATURE: AEC

RECEIVED BY: DATE: 7/15/02

SIGNATURE: JP 11am

SAMPLE TYPE CODES			
1 - Blank	5 - Final Clearance (inside)		
2 - Pre-Abatement	6 - Final Clearance (outside)		
3 - During Abatement	7 - Personal		
4 - During Glove Bag Removal	8 - Background		

81

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Fabio Pedone

Warren & Panzer Engineers, P.C.

228 E. 45th Street

New York

NY 10017

Fax: (212) 922-0630

Phone: (212) 922-0077

Received: 7/22/02

2:00:00 PM

ATC Group #: 8575

Analysis Date: 7/22/02

Project: NYC DEP, W&P# 1079.01.02

180 Broadway, Façade

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	Notes
01 8575 -1	1800.00	0.0450	0	None Detected	0	0	0.0048 <22.24 <0.0048	
02 8575 -2	1800.00	0.0450	0	None Detected	0	0	0.0048 <22.24 <0.0048	
03 8575 -3	1800.00	0.0450	0	None Detected	0	0	0.0048 <22.24 <0.0048	
04 8575 -4	1800.00	0.0450	0	None Detected	0	0	0.0048 <22.24 <0.0048	
05 8575 -5	1800.00	0.0450	0	None Detected	0	0	0.0048 <22.24 <0.0048	

ROMAN PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm³. This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLW/TEM #101187-0, NY State ELAP #10879

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background



Warren & Panzer Engineers, P.C.

228 East 45th Street
New York, New York 10017
Tel. (212) 922-0077
Fax (212) 922-0630

July 31, 2002

Mr. Leonard G. Atteloney
New York City Department of Environmental Protection
96-05 Horace Harding Expressway
Corona, NY 11368

Re: Final Clearance TEM Air Sample Results

W&P File #: 1079.01.02

Dear Mr. Atteloney:

On July 25, 2002, a roofing-cleaning project was completed at the building located at 176 & 180 Broadway. Transmission Electron Microscopy air samples were collected at the completion of the abatement work. Final clearance air samples collected met the clearance criteria of less than 70 Structures per square millimeter set forth by the NYS Department of Labor Industrial Code Rule 56 and the NYC Department of Environmental Protection Title 15, Chapter 1 Asbestos Rules and Regulations, and this area can now be re-occupied.

Along with this correspondence, I have enclosed a copy of the final visual inspection checklist. If you have any questions or should you need additional information, please contact me at (212) 922-0077.

Sincerely,

WARREN & PANZER ENGINEERS, P.C.

A handwritten signature in black ink, appearing to read 'Michael R. Nolan'.

Michael R. Nolan
Senior Project Manager

cc: Krish Radhakrishnan, PE
Attachment(s)

*A Member of
The Warren & Panzer Group*

Warren & Panzer Group

FINAL VISUAL INSPECTION OF ABATEMENT PROJECTS

W&P Project #: ...1079-01-02.....

Project Name: ...DEP ROOFS AND FACADES CLEANING.....

W&P Project Manager:

Abatement Contractor: BENJAMIN KURZBAN & SONS

Job Location: 176 / 180 BROADWAY

Type of Abatement: (circle)

Cleaning

Removal

Enclosure

Glovebag

Encapsulation

Visual Inspection checklist (No Residual Dust or Debris Observed – Yes or No)

Floor:

Parapet walls:

Parapet ledges:

Bulkheads:

Roofs:

Ventilation Duct:

Miscellaneous Surfaces:

Facades: EAST FACADES NO

Circle One

Pass

Fail

Field Notes: (Record any problems encountered here.)

Name: EDWIN B. ELLIS JR

Signature: Edwin B. Ellis Jr

Date

7/25/02

Asbestos Inspection Report

Premise No. 180 BROADWAY					Inspection Date: AS NOTED	
Floor ROOF & FACADE	Zip 10038	Borough 1	Block 65	Lot 18	Squad # N/A	Badge # A020
Inspector Dennis Antzoulatos		Building Type MIXED USE		Basis of Inspection WTC Survey		Photos Taken ☒ Yes/ No
Contractor's Name Benjamin Kurzban & Son Control				Sample Number N/A		
Address City 1248 Ralph Avenue, Brooklyn				Sample Number N/A		
State Zip Phone NY 11236 (718)531-2900				Sample Number N/A		
Laboratory Name Warren & Panzer Engineers Inc.				Owner's Name		
Address City 228 East 45 Street New York				Address City		
State Zip Phone NY 10017 (212) 922-0077				State Zip Phone		
Contact Person				Time of Inspection from: AS NOTED		
SUNDAY JULY 14 2002						
6:00AM TO 4:00PM THE CLEAN UP OF THE ROOF SURFACE OF THE PREMISE IS CONDUCTED. AIR SAMPLING FOR THIS PORTION OF THE WORK WAS PERFORMED BY CHETRAI RAMRAJ (CERTIFICATE # AH 98-19842 EXP 07/03) FIVE AIR SAMPLES WERE TAKEN. DUE TO SPACE LIMITATIONS STEP-OFF PADS WITH DOUBLE TYER SUITS WERE USED IN LIEU OF A REMOTE DECONTAMINATION UNIT.						
SUNDAY JULY 21 2002						
6:00AM TO 1:00PM CLEAN UP ACTIVITIES ON THE WEST FACADE (BROADWAY FACADE) WERE CONDUCTED. FACADE CLEANING WAS LIMITED TO THE SECOND FLOOR, FIRST FLOOR AND GROUND FLOOR ONLY. THE FACADE CLEANING OF 182 BROADWAY AND 176 BROADWAY WERE PERFORMED SIMULTANEOUSLY FOR THE PURPOSES OF AIR MONITORING THE FACADES OF THESE THREE BUILDINGS WERE CONSIDERED ONE WORK AREA. AIR SAMPLING WAS CONDUCTED BY WIS SOTO OF WARREN & PANZER. A DYKE WAS CONSTRUCTED TO COLLECT RUN OFF WATER. A DECONTAMINATION UNIT TRUCK WAS UTILIZED.						
MONDAY JULY 22 2002 TO THURSDAY JULY 25 2002						
CLEAN UP ACTIVITIES WERE CONDUCTED ON THE EAST AND NORTH FACADES OF THE PREMISE. AIR SAMPLING FOR THIS PORTION OF THE WORK WAS CONDUCTED BY EDWIN ELLIS III OF WARREN & PANZER. I CONDUCTED A VISUAL INSPECTION OF THESE AREAS, AFTER CLEAN UP ACTIVITIES WERE COMPLETED, AND I OBSERVED NO VISIBLE WTC DEBRIS. CLEAN UP ACTIVITIES FOR THE SECOND FLOOR SET BACK HAVE NOT YET BEEN SCHEDULED.						

Asbestos Inspection Report

Premise No. 180 BROADWAY	Inspection Date: AS NOTED
Inspector Dennis Antzoulatos	Page 2 of 2

FRIDAY AUGUST 2 2002 - SUNDAY AUGUST 4 2002

CLEAN UP ACTIVITIES ON THE SECOND FLOOR SET BACK ROOF AREA ARE CONDUCTED. DUE TO SPACE LIMITATIONS STEP OFF PADS AND DOUBLE-TYVEK SUITS ARE USED IN LIEU OF A REMOTE DECON UNIT. AIR SAMPLING IS PERFORMED BY FESY OSEMWEGIE (AH 01-01030 EXP 01/03) OF WARREN & PAUZE ENGINEERS. I CONDUCTED A VISUAL INSPECTION OF THE CLEANED SURFACES AND OBSERVED NO VISIBLE WTC DEBRIS. THE CLEAN UP PROJECT AT THIS PREMISE IS NOW COMPLETE.

PK

IESI NY CORPORATION**110 5th Street • Brooklyn, NY 11215****Phone: 718-522-2263 • Fax: 718-522-2697**

MANIFEST

11780

DATE

8/13/02

G E N E R A T O R	1. Job Site Address 180 Broadway New York, N.Y.		Owner's name Dept Of Enviro Protection	Wait and Load Time In _____ Time Out _____
	2. Consignor Name & Address Benjamin Kurzman & Son 1248 Ralph Avenue Brooklyn, NY 11236			Drop Date
	3. Waste disposal site (WDS) name, mailing address and physical site location IESI Pa Blue Ridge Landfill Corporation P.O. Box 399 Scotland, Pa. 17254			WDS phone number Permit # 100934
	4. Name and address responsible agency (Local, District or EPA Office where notification was sent) US EPA 290 Broadway, New York 10007			
	5. Description of materials (RQ) WASTE ASBESTOS 9, NA2212, III		6. VEH. LIC. # 29 06AA TYPE CROSD SIZE 40 YARD	7. TOTAL QUANTITY 3 CUBIC YARDS
	8. Generator Certification DOX 4024		1/011479	
	9. CONTRACTOR CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international government regulations.			
	Printed/Typed Name _____ Title _____ Signature _____		Date (M/D/Y) 8/13/02 NJ-462	
	10. Transporter #1 (Acknowledgement of receipt of materials) IESI NY CORPORATION • 110 5th Street, Brooklyn, NY 11215			DEC Permit No. JA-462
	Printed/Typed Name Chickil Camia Title DRIVER Signature _____		Date (M/D/Y) 8/13/02 NJ-462	
11. Transporter #2 (Acknowledgement of receipt of materials)			DEC PERMIT #	
Printed/Typed Name Jones Title DDI Signature _____		Date (M/D/Y) 8/15/02		
T R A N S P O R T E R	12. Discrepancy indication space			
	13. Waste disposal site owner or operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item #12			
W A S T E	Printed/Typed Name Kalena K. Kirk Title Gatekeeper Signature KKK		Date (M/D/Y) 8/16/02	
S I T E				

WHITE:LANDFILL • GREEN:IESI • PINK:GENERATOR • YELLOW:CONTRACTOR • GOLD:JOB SITE