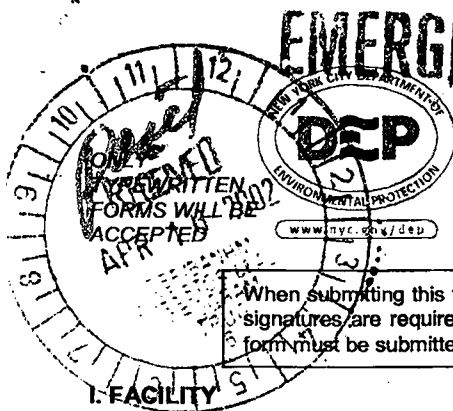


**EMERGENCY****ER 49/02**

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
 59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

Tel 0512HNO2
 Building Dept. or TRU No
 FOR OFFICIAL USE ONLY

1. **1,200**
 (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 130 Liberty Street Borough Manhattan Zip 10006
 AKA _____ 3. Block 54 4. Lot 1
 5. Type of Facility Commercial 6. Name of Building _____

II. BUILDING OWNER

7. Name Cushman & Wakefield a/a/f Deutsche Bank 8. Contact Person Marino Prodan
 9. Tel. # (212) 618-3902 Fax # (212) 618-2208
 10. Address 14 Wall Street City New York State NY Zip 10005

III. GENERAL CONTRACTOR

11. Name Tishman Construction Tel. # (212) 399-3600

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name PAL Environmental Safety Corp. 13. Contact Person Paul Mast
 14. Federal Employer ID. # PII 15. Tel. # (718) 349-0900 Fax # (718) 349-2800
 16. Address 43-09 Vernon Boulevard City Long Island City State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name Ambient Group, Inc. 18. Contact Person John Leitner
 19. Federal Employer ID. # PII 20. Tel. # (212) 944-4615 Fax # (212) 944-4618
 21. Address 55 West 39th Street City New York State NY Zip 10018
 22. Sample Analysis Laboratory Ambient Group, Inc. 23. NYS DOH ELAP # 11732

VI. PROJECT INFORMATION

24. Starting date for this portion of work 4/24/02 Projected completion date 7/31/02

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

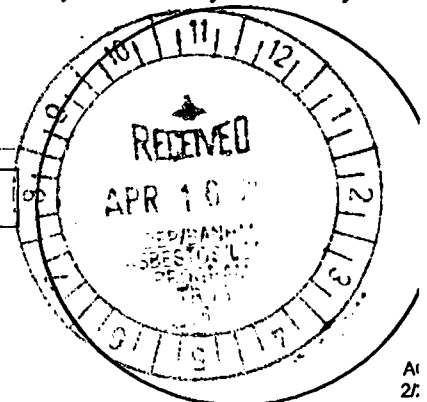
Shift from: 8 ☒ am ☐ pm to 12 ☒ am ☐ pm

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

102,000 Square Feet, and/or 0 Linear Feet



NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

Written notification must be received within 48 hours via

- a) Asbestos Inspection Report (ACP-7)
- b) Cover letter explaining the nature of the emergency

1) Caller's Name: Nickita Blackman

Affiliation: Ambient Group

Telephone #: 212 768-1417

2) Nature of Emergency: WTC clean up

3) Actual Date and Time of Emergency _____

4) Method of Asbestos Abatement:

Removal _____ Sq. ft. _____ L. ft. Repair _____ Sq. ft. _____ L. Ft

Encapsulation _____ Sq. ft. _____ L. ft. Clean-up 102,500 Sq. ft. _____ L. ft.

Enclosure _____ Sq. ft. _____ L. ft.

5) Facility Address: 130 Liberty Street Manhattan

Owner/Agent: Contact Person PII PII

Location of Asbestos Abatement: Floor 8-24

6) Asbestos Abatement Contractor:

Name: PAL Environmental

Address: 43-09 Verna Boulevard

Telephone #: 718 349 6900

7) Starting Date: 7/24/02 Projected Completion Date: 7/31/02

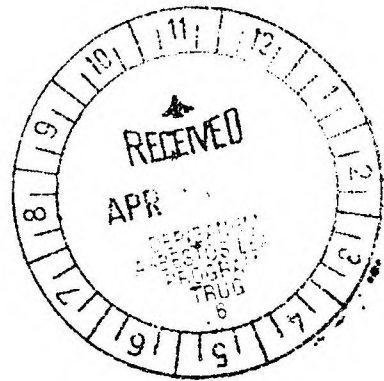
8) Verification by Owner/Agent: Yes. No.

Call Taken By: Pat [Signature]

Date: 7/16/02

xc: Enforcement (Urgent).

Form N7 7/93



Specifications for the Removal of
Asbestos-Metals Containing Materials from
The North Side of
Floors 8 through 28 at
130 Liberty Street

Prepared for:
C&W A/A/F Deutsche Bank
14 Wall Street
New York, New York 10005

Prepared by:
Ambient Group Inc.
55 West 39th Street, 12th Floor
New York, New York 10018

Date: March 12, 2002

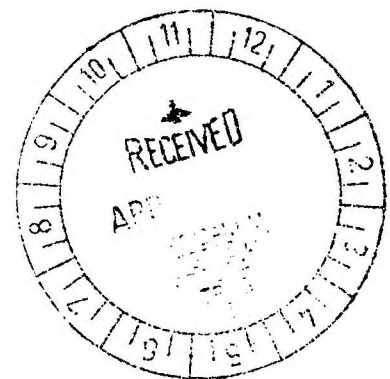
Project ID: 220201

Asbestos Abatement Specifications – 130 Liberty, North Side

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APPENDIX A: PROJECT DRAWINGS



1. PROJECT INFORMATION

Project Name: 130 Liberty, North Side Remediation Project

Client: C&W A/A/F Deutsche Bank
Attention: Mr. Marino Prodan
14 Wall Street
New York, New York 10005

General Contractor: Tishman Construction
Attention: Mr. Andy Bachman
666 Fifth Avenue, 36th Floor
New York, New York 10103
Phone: (212) 399-3600
Fax: (212) 843-3991

Environmental Consultant: Ambient Group Inc.
Attention: Mr. John Leitner
55 West 39th Street
New York, New York 10018
Phone: (212) 944-4615
Fax: (212) 944-4618

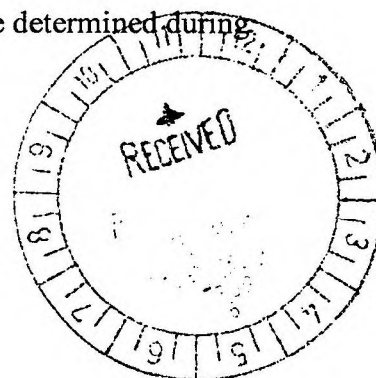
Abatement Contractor: To Be Determined

Bid Opening: Sealed bids shall be delivered to the office of:

Tishman Construction Corporation of New York
666 Fifth Avenue, 36th Floor
New York, New York 10103
Attention: Paul Welsing, Director of Purchasing

Bids must be delivered by a time to be determined during the contractor walkthrough.

The bid opening will be closed.



2. SCOPE OF WORK

2.1 ASBESTOS CONTAINING AND METAL CONTAMINATED MATERIALS TO BE REMEDIATED

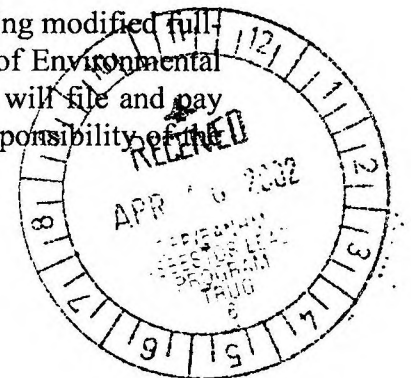
130 Liberty Street sustained significant damage as a result of the World Trade Center towers attacks on September 11, 2001. Also, the New York City Department of Design and Construction denied access and control of the building until approximately mid to late December 2001. The building sustained additional damage during that time due to the ongoing burning and disruption of the debris from the World Trade Center site. This condition allowed intrusion of dust, smoke and debris into the building through the north side opening, (among other things). Intrusion of dust was caused by the activities of military, police, fire department, rescue and DDC personnel and DDC contractors. Intrusion of dust was *not* caused by Deutsche Bank's agents or contractors who, at the time, were prohibited from working in the building. Entry was permitted from time to time for the purpose of conducting inspections of the building by the structural engineer. These materials have essentially been spread and deposited on building materials and building contents throughout tenant occupied interior spaces, basement areas, mechanical areas as well as core and shell sections of the building.

Other components of building products that were incinerated due to the World Trade Center collapse were also introduced to the building including, but not limited to, iron, lead, cadmium, chromium and zinc.

At the direction of the New York City Department of Buildings, a safety barricade was constructed for the purpose of preventing unauthorized personnel from approaching the collapsed floor areas and the opening on the north façade. The barricade also serves as a barrier to rain and cold air. The integrity of the barrier must be maintained at all times.

Thus, the scope of work for this project is the abatement of all asbestos containing dust and debris (including all porous materials – sheet rock and delaminated non-asbestos containing fireproofing included - as asbestos contaminated waste) located on the north side of the construction barrier, from the 8th to the 28th floor at 130 Liberty Street to a level which will permit construction workers to replace structural components of the building.

Removal of all designated materials, therefore, shall be performed utilizing modified full-containment procedures as required by the New York City Department of Environmental Protection and filed under an ACP-7 form. Environmental Consultant will file and pay all associated fees for the ACP-7 form. All other filings will be the responsibility of the proposed abatement contractor.



The general procedures to be used for this project, in general order, are:

PHASE I: North side of 130 Liberty Street. Approximately 6,000 sq ft of ACM dust and debris per floor per floor

1. The existing decon is the property of others and will be removed prior to the commencement of this work. This contractor will provide its own personal and waste decons, as well as a document recovery decon, in the same general locations as they presently exist on Level "A". Locations are indicated on attached drawings.
2. Seal any openings to Car #24 on all floors other than the work area floors (work area includes floors 8 through the 24 floor) using hard barriers with the seals caulked airtight.
3. Construct a hard barrier, with all seals caulked airtight, inside Stair #2 between level "A" and the first floor. This stairwell shall then be used to traverse from "A" and "B" levels during and after the abatement process.
4. Construct isolation barriers to separate proposed north side work area from the rest of the building. Barriers should be erected to connect the existing safety partition from the exit of Car #24 to the north side barrier wall on each floor.
5. Construct two stage airlocks on each floor to separate the security elevator lobby from the work area.
6. Set up negative air units in elevator lobbies, north of the barrier, and wherever else needed to maintain air quality or as directed by the Environmental Consultant, as well as all other temporary lighting and power necessary to perform the work.
7. Prepare the work area including sealing of all isolation barriers (including all openings to the underfloor cell system) and capping of all HVAC duct work.
8. Clean all gross debris from the work area and remove as asbestos contaminated waste. Work will begin on the uppermost floor (24th) and contractor will work down.
9. This contractor shall recover all files, books and documents from within file cabinets and desks and shelves at each cubicle, office, closet or along corridors and shall place the contents in cardboard boxes, and shall label each box indicating its location of origin. Each box shall then be double bagged and moved to a pre-agreed location on the first floor. Contractor shall provide the owner with 5 sets of floor plans indicating the origin and final location of each box.

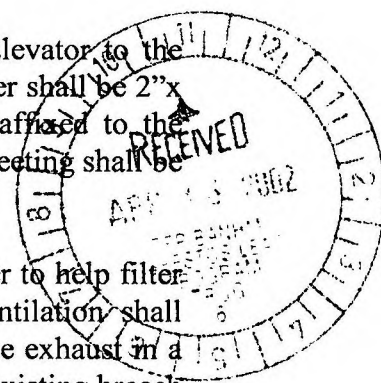
10. Clean and remove all non-porous materials from the work area and dispose as construction and demolition debris.
11. Remove all other porous materials (including existing non-asbestos containing fireproofing from steel beams, columns metal deck and all other surfaces, as well as pipe insulation and gypsum wallboard) from the work area and dispose of as asbestos contaminated waste.
12. Perform fine cleaning of the entire work area.
13. Environmental Consultant performs visual clearance testing of the floor work areas. As each floor passes visual clearance, contractor will seal off the floor until all work is completed so as to prevent re-contamination. Final air sampling will be performed for all floors upon completion of work.
14. Clean Security Elevator #24 in its entirety, including the shaft, via wet-wipe and HEPA vacuum methods.
15. Environmental Consultant performs clearance of the Car #24 shaft.

It is the performance objective of this project that the only materials to remain in the work area after clearance sampling is complete will be sprinkler piping, class "E" wiring and closed conduit.

2.2 FULL CONTAINMENT WORKSITE PROCEDURES

The Abatement Contractor shall, at a minimum, perform all functions listed below where applicable:

- A. Construct full worker and waste decontamination facilities in accordance with the conditions specified in NYC DEP Title 15, Chapter 1 and in accordance with this scope of work where applicable. Decontamination unit shall be located on the parking level and shall be directly connected to the level "A" work area, and indirectly connected to the other work areas via Stair # 2 and Security Elevator #24.
- B. Pre-clean and then erect a two stage airlock from the Security Elevator to the barrier wall on floors 8 through 24. Framing for the isolation barrier shall be 2"x4" wood studs, 16" on center. Plywood sheeting shall then be affixed to the outside of the isolation barrier and 2 layers of 6-mil polyethylene sheeting shall be affixed to the inside.
- C. Install a minimum of six (6) HEPA filtration units per floor in order to help filter the air in the work area. HEPA filtration and auxiliary air ventilation shall conform to Section 2.8 of this specification and shall exhaust/intake exhaust in a location designated by and/or acceptable to the Client. Due to the existing breach



in the building, it is highly improbable that the area can be placed under negative pressure, in accordance with NYC DEP regulations. In addition to the six (6) units listed above, install a minimum of one (1) HEPA filtration unit per floor, plus one additional unit per floor as a back-up. Units shall be positioned to exhaust into the opening in the North side of building.

- D. Install isolation barriers in accordance with NYC DEP Title 15, Chapter 1.
- E. Insure that the work areas are adequately separated from non-work areas with partitions in accordance with NYC DEP Title 15, Chapter 1 and Section 2.6 of this document. As each floor is completed, all access to the floor will be sealed off until final air sampling has passed for the entire abatement project.
- F. HVAC ductwork shall be cut and blanked prior to beginning any asbestos abatement. Access to the ducts shall be at the point where ducts enter the north side of the through the north barrier wall.
- G. Remove all wiring from the under floor cell system within the work area. The owner will designate the location where the wires will be cut outside of the work area. All floor cells will be cleaned using wet-wipe and HEPA vacuum methods.
- H. Perform asbestos removal in strict accordance with NYC DEP Title 15, Chapter 1, NYSDOL ICR 56, USEPA, USDOL and OSHA regulations, this Scope of Work and required special conditions as specified by the NYC DEP.
- I. Upon completion of the abatement, clearance criteria shall be met according to Section 2.13 of this document.

2.3 FULL CONTAINMENT WORKER AND WASTE DECONTAMINATION FACILITIES

Contractor shall erect new decontamination facilities in the parking level area that will be in compliance with NYC DEP Title 15, Chapter 1 and all other applicable regulations. HEPA ventilation equipment shall be placed in a manner to provide an even distribution of airflow through both the worker and the waste decontamination units. An additional de-con chamber will be erected for document cleaning and retrieval.

2.4 CLEANING REQUIREMENTS

A combination of wet methods and use of HEPA vacuum equipment will be used to pre-clean all objects and surfaces within the proposed work area. Dry methods such as dry sweeping shall not be allowed. When entire area has been thoroughly cleaned, the Abatement Contractor shall request and pass a visual inspection before advancing to the next step in the abatement process.

Items to be cleaned include, but are not limited to, the following:

- A. Sprinkler Piping.
- B. Class "E" wiring.

- C. Closed conduit.

2.5 PARTITIONS

The Abatement Contractor shall ensure that structural partitions separating the North side work area from the rest of the floors are built to separate the full-containment Work Area(s) from non-work areas in all openings larger than 32 square feet except where any one dimension is one foot or less. The opening in the building facade on the North side as a result of the WTC collapse will remain open.

Partitions shall be constructed of:

- a. Conventional 2" x 4" (minimum) fire-retardant wood or metal stud framing, maximum 16" center-to-center spacing.
- b. Fire-retardant plywood or other solid material of at least 3/8" thickness shall be applied to the work side of framing.
- c. Partitions shall be caulked and sealed at all joints and seams.

2.6 PLASTICIZING

Only isolation barriers will be installed. The work area side of all isolation barriers will be plasticized with two sheets of 6 mil fire retardant plastic sheeting .

2.7 ENGINEERING CONTROLS

Prior to mobilization, the Abatement Contractor shall submit to the Environmental Consultant the manufacturer's specification of each model of negative air unit to be utilized on the project.

The Abatement Contractor shall provide for and be responsible for the following:

- A. Negative air units shall be continuously monitored for proper operations and maintenance of filters.
- B. Negative air units shall utilize a dedicated power source with GFCI. Multiple units shall be turned on one by one to ensure that integrity of plastic barriers is maintained.
- C. Negative air units shall run continuously from beginning of isolation until successful air clearance results have been obtained.
- D. On each floor, the Abatement Contractor shall maintain a minimum of six (6) units. The Abatement Contractor shall also maintain a sufficient number of spare

units that can be immediately used in the event of the failure of one or more negative air units not resulting from a power outage or other outside cause.

- E. If loss of electric power should occur, abatement shall stop immediately until power is restored.

2.8 PROJECT PHASING

All proposed phasing by the abatement contractor shall be submitted to Ambient Group, Inc. with this bid (and shall be approved by the owner) prior to the start of any work for review and approval by Ambient Group, Inc. and Cushman and Wakefield, Inc.

2.9 WORKER PROTECTION

All workers shall be certified asbestos handlers and shall bring to the Work Area and present for inspection each day their handler certificate, copies of documentation indicating successful completion of their initial training courses and any necessary refresher courses and copies of their most recent medical evaluation.

Asbestos Handlers entering the enclosure(s) shall:

- A. Remove all street clothes and don disposable suits (provided by the Abatement Contractor) at the Worker Decontamination facility, then proceed directly to the Work Area.
- B. Wear appropriate NIOSH-approved HEPA filter personal respiratory equipment, as deemed necessary by the work being performed.
- C. Prior to exiting the enclosure(s), handlers shall remove their disposable suit(s) and proceed directly to the Decontamination Unit shower room, where full decontamination procedures shall be performed (i.e. showering).
- D. Personal air monitoring of all workers in accordance with OSHA regulations is the sole responsibility of the Abatement Contractor.

2.10 DISPOSAL REQUIREMENTS

All asbestos waste including the containment plastic, all plastic sheeting utilized in critical barrier construction, disposable suits and any other debris deemed contaminated by the Environmental Consultant, shall be wet with amended water then placed in clean 6 mil plastic ACW bags. These bags shall be wet wiped and/or HEPA vacuumed. Each bag shall then be placed in an additional properly labeled, clean 6-mil plastic ACW bag and

sealed airtight. All bags shall be affixed with identification labels indicating site of origin, date and the Owner's name.

Storage, transport and disposal of the waste bags shall be in accordance with; USEPA NESHAPS regulations, as revised; and applicable USDOT, NYSDOS and NYSDEC regulations.

2.11 AMBIENT AIR MONITORING

Air monitoring shall be conducted by the Environmental Consultant, except OSHA-mandated personal air monitoring of abatement workers which shall be the responsibility of the Abatement Contractor. Ambient air samples shall be collected before, during and after the abatement work is completed. Samples collected during the work shall be analyzed using Transmission Electron Microscopy with 70 structures/mm² as the acceptable threshold level, unless background fiber concentrations are greater. If any ambient air samples equal or exceed 70s/mm² or the background levels, all work shall stop and work areacleaning methods will be re-assessed with a concern for activities outside and adjacent to the building (Ground Zero). All air monitoring will be conducted in accordance with applicable sections of RCNY Title 15, Chapter 1.

2.12 WORK AREA CLEARANCE

- A. The work area is cleared for replacement of structural components of the building when it is visually clean and clearance air testing indicates that concentrations have been reduced to the levels specified below.
- B. In the event that release criteria is not met, all costs associated with re-testing and re-cleaning shall be borne by the contractor
- D. Clearance Air Monitoring and Analysis by TEM

Acceptance Criteria: Decontamination of the work site meets the requirements of this test when every work area sample indicates an airborne concentration of fibers of less than 70 structures per millimeter squared. If any sample is above this clearance level, then the decontamination is incomplete and the work area shall be re-cleaned.

2.13 PREVENTION OF RECONTAMINATION

To deter recontamination of the north side area after successful clearance testing, the contractor shall confirm (and replace) all critical barriers along the north barrier wall. Further, the tunnel from car #24 to the north side barrier wall shall

remain in place. As each floor is cleared visually it will be sealed off from all personnel except to perform final air sampling.

3. GENERAL CONDITIONS

- A. All clean-up shall be performed utilizing the procedures as required by NYCDEP Title 15, NYSDOL ICR 56 and in accordance with all other applicable federal, state and local regulations. All ACM shall be wetted using amended water prior to removal.
- B. Water hookups to be provided by the Abatement Contractor and to be coordinated with the Client.
- C. Contractor shall deliver sufficient ground fault interrupt service (GFI) panels to the site. Panels shall meet the requirements of applicable provisions of the National Electric Code. The panels shall be connected by the on-site electrical contractor. The on-site electrical contractor shall be responsible for any and all standby electrician costs as required by the Scope of the Work. The contractor shall assure that all full-containment areas shall be equipped with sufficient temporary GFI electrical and lighting installation to accommodate the Scope of the Work as indicated in this document, including all air sampling outlets.
- D. The Abatement Contractor shall provide temporary lighting in all Work Areas, decontamination units and staging areas for the duration of the project shall maintain temporary lighting and circuits. All temporary lighting shall be GFI service. In addition, all air sampling locations shall be provided with temporary lighting and power as per the Environmental Consultant's requirements.
- E. All waste to be transported shall be doubled-bagged and properly labeled.
- F. Work hours will be confirmed by the Client. Nominal work hours are 24 hours a day, seven days a week.
- G. All footage calculations and conditions are approximate and must be verified on site by the Abatement Contractor.
- H. The Abatement Contractor shall be responsible for all city, state and federal filings (including variances) and associated fees.

4. MATERIALS AND EQUIPMENT

- A. General:

1. The Abatement Contractor shall bring only properly decontaminated and cleaned equipment to the worksite for use. Contaminated equipment will not be allowed on the site.
2. All equipment (ladders, scaffolds, negative air units) shall be properly decontaminated and/or wrapped and sealed in two layers of 6-mil polyethylene sheeting prior to removal from the Work Area(s).

B. Abatement Materials Requirements:

Include but are not limited to:

1. Wetting agent: A mixture of (50% Polyoxyethylene Ester and 50% Polyoxyethylene Ether) in a concentration of 1 ounce to 5 gallons of water. The Abatement Contractor must submit a material data safety sheet on the product used to the Client.
2. HEPA Vacuums: The system shall be in proper working order and provide filtration to 99.97% for particles with a mean aerodynamic diameter greater than 0.3µm. In addition, the Abatement Contractor shall have on hand appropriate attachments for cleaning floors, crevices, etc.
3. Polyethylene Sheeting: Shall be of a 6-mil minimum thickness, fire retardant and in a size appropriate to minimize seams and non-movable equipment.
4. Polyethylene Bags (6-mil minimum thickness): To provide air/water tight seal for disposal of waste material and labeled in accordance with OSHA Regulation 29 CFR 1926.58K(2) and current NESHAPS Regulations Section 61.150(v) and all applicable USDOT regulations.
5. Appropriate tools: For scraping and removing all asbestos waste from the removal site. (i.e., scrapers, tin-snips, plastic shovels)
6. Tape/glue: High quality duct tape and spray adhesive glue to adequately maintain an airtight seal.
7. Hand power tools shall be equipped with HEPA filtered local exhaust ventilation.

C. Electrical Equipment:

1. The Abatement Contractor shall provide all equipment, including extensions and temporary lighting, needed to perform his work. Electrical isolation of all work areas shall be performed by the on-site electrical contractor.
2. All electrical work shall be performed by the on-site electricians in compliance with the most recent edition of the National Electric Code, unless otherwise provided by OSHA regulations.
3. The non-current carrying metal parts of fixed, portable and plug-connected equipment shall be grounded. Portable tools and appliances protected by an

approved system of double insulation need not be grounded. All light and power circuits in asbestos removal areas shall be ground fault protected.

4. Extension cords shall be the 3-wire type, shall be protected from damage, and shall not be fastened with staples, hung from nails, or suspended from wires. Splices shall have soldered wire connections with insulation equal to the cable. Worn or frayed cords shall not be used.
5. Safe lighting equipment shall be provided with a preference for floodlights rather than indiscriminate use of unprotected lamps strung on temporary wiring. Exposed bulbs shall be guarded to prevent accidental contact. Temporary wiring shall be properly insulated and substantially supported. Circuits shall be properly designed and fused. All temporary lighting inside of asbestos removal areas shall be waterproofed. Adequate lighting will be provided for the decontamination unit on the "A" level.
6. Receptacles for attachment plugs shall be approved, concealed contact type. Where different voltages, frequencies, or types of current are supplied, receptacles shall be of such design that attachment plugs are not interchangeable.

D. Ladders, Scaffolds and/or Staging:

1. The Asbestos Contractor shall supply OSHA-approved ladders, scaffolds and staging in sufficient quantity to ensure that all work surfaces can be easily and safely reached by workers and inspectors. Scaffolding may be suspension type or standing type and must comply with all applicable federal, state and local regulations and codes.
2. During the use of the scaffolding inside the Work Area(s), special care must be taken to ensure that protective barriers are not damaged. Scaffolding joints and ends shall be sealed with tape to prevent contamination with asbestos fibers and debris.

E. Air Filtration Equipment:

1. The air filtration equipment chosen for the project shall be operated in accordance with and meet the standards specified in the EPA Guidance Document (EPA 560/5-85-024, June 1985, Appendix J), ANSI Z9.2 (1979) Local exhaust ventilation, OSHA CFR 29 1910.1001 (June 20, 1986).
2. Air filtration shall be continually maintained throughout the project. Sufficient spare units must be maintained inside and outside the Work Areas as indicated in Section 2.7.

F. Airless Sprayer:

The Asbestos Contractor shall supply airless sprayers of sufficient type and quantity to keep the area spray misted at all times and to adequately wet down all asbestos material.

G. Waste Water Filtration System:

The wastewater filtration system must be capable of filtration to 5um via a series of filters with progressively smaller pore sizes.

H. Waste Disposal Equipment:

Carts: Plastic leak-tight carts of sufficient quantity shall be provided by the Abatement Contractor in order to safely, discreetly and efficiently transport the materials through the building to the dumpster. Double-bagged ACM shall be covered with 6-mil polyethylene sheeting while being transported from the worksite to the dumpster.

5. CONTRACTOR'S RESPONSIBILITIES

The Abatement Contractor shall be responsible for, but not be limited to, the following:

- A. Maintaining certified fire-watch personnel as required by NYC regulations and/or the Client's requirements.
- B. Construction of the "A" level decontamination units, with lockable doors and construction barriers and other rigid enclosures.
- C. All costs incurred as the result of the failure of clearance testing, including but not limited to additional air sampling costs.
- D. Employee personal air monitoring.
- E. Any time lost as a result of labor disputes.
- F. GFI panels.
- G. Temporary plumbing work.
- H. Replacing, repairing and refinishing all panels, windows, doors or other items which are a part of the base building, altered or removed to enable the execution of the work under this contract.
- I. Demolition - as described in this document.
- J. Abatement - as described in this document.

- K. Completion of all work described in this document in accordance with all procedures specified in this document and all applicable local, state and federal regulations. **All procedures to be utilized are subject to written approval by the Environmental Consultant. No work shall proceed or be deemed complete without the Environmental Consultant's written authorization.**

The Client shall provide:

- An electrical source and all hook-ups and stand-by
- A water source

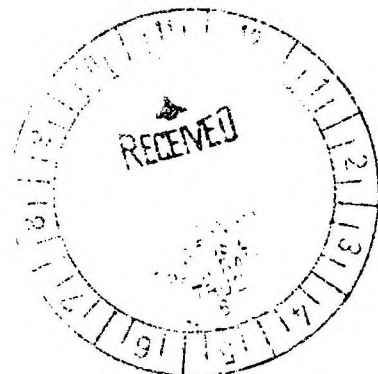
The Abatement Contractor shall provide with his bid Material Safety Data Sheets (MSDS) for all applicable solvents, cleaners and other volatile materials to be used during the course of this project. Also included shall be the proposed material list and specifications for all other materials including re-insulation substances to be re-installed in the building.

The Asbestos Contractor shall provide with his bid a proposed equipment list, which shall be approved by the Environmental Consultant. The equipment list shall include a description of the equipment, the manufacturer, model number and quantity.

All materials and apparatus required for the work shall be new (except as otherwise specified), of first quality, and shall be furnished, delivered, erected, connected and finished in every detail, and shall be so selected and arranged as to fit properly into the building spaces. All materials and apparatus shall be of current manufacture by a firm still in business and listed in the firm's most recent catalogs.

All equipment and scaffolding used shall comply with the most recent safety standard and be OSHA approved.

The Client assumes no responsibility responsible for any mis-interpretations in contractors estimating or performance.



ONLY
TYPEWRITTEN
FORMS WILL BE
ACCEPTED



NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107
ASBESTOS PROJECT AMENDMENT FORM
FOR FORM ACP 7

FOR OFFICIAL USE ONLY

Fee (if any) \$ _____

Amendment 2002 I-0891Information Only: ☐ Yes ☒ No

A modification is valid only if it is received by the NYCDEP prior to the previously filed date of completion, except for start date changes that must be received by the original start date.

ACP7 TRU/BN# 0512MN02 Facility Address 130 Liberty Street Borough Manhattan Zip 10006

Date ACP7 was filed 4/16/02 Variance # (If any) _____

Was this ACP7 amended before? ☐ Yes ☒ No If yes, specify date _____

Original Start Date 4/24/02 Original Completion Date 7/31/02 from ACP 7, #24.

PLEASE ENTER THE INFORMATION THAT IS BEING CHANGED:

A notification may be modified no more than twice.
Only the building owner may amend items IV and V.
The original applicant or building owner may amend all other items.

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name _____ 13. Contact Person _____

14. Federal Employer ID. # _____ 15. Tel. # _____ Fax # _____

16. Address _____ City _____ State _____ Zip _____

V. THIRD PARTY AIR MONITOR

17. Name _____ 18. Contact Person _____

19. Federal Employer ID. # _____ 20. Tel. # _____ Fax # _____

21. Address _____ City _____ State _____ Zip _____

22. Sample Analysis Laboratory _____ 23. NYS DOH ELAP # _____

VI. PROJECT INFORMATION

24. Starting date for this portion of work _____ Projected completion date _____

☐ Project Cancell

☒ Project Postponed

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

Shift from: _____ ☒ am ☐ pm to _____ ☐ am ☐ pm If other, specify _____

25. Additional asbestos-containing material to be disturbed during this work _____ Square Feet, and/or _____ Linear

Reduction in the amount of ACM to be disturbed during this work _____ Square Feet, and/or _____ Linear

29. Abatement Procedure for Additional Material (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

Other Changes _____

30. Locations of abatement modified by above _____
(For each floor list ACM quantity and type)

31/32. Name of Applicant / Owner _____ Tel. # _____

Name of Company (if any) _____ Fax # _____

Address _____ City _____ State _____ Zip _____

I hereby declare that the information provided herein is true and complete

Signature of Applicant / Owner

4/25/02

Date

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NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
 59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107
ASBESTOS PROJECT AMENDMENT FORM
FOR FORM ACP 7

FOR OFFICIAL USE ONLY

Fee (if any) \$ _____

Amendment 2002A-2277Information Only: ☐ Yes ☐ No

A modification is valid only if it is received by the NYCDEP prior to the previously filed date of completion, except for start date changes that must be received by the original start date.

ACP7 TRU/BN# 0512MN02 Facility Address 130 LIBERTY STREET Borough Manhattan Zip 10006

Date ACP7 was filed 4/16/02 Variance # (if any) _____

Was this ACP7 amended before? ☒ Yes ☐ No If yes, specify date 4/25/02

Original Start Date 4/24/02 Original Completion Date 7/31/02 from ACP 7, #24.

PLEASE ENTER THE INFORMATION THAT IS BEING CHANGED:

A notification may be modified no more than twice.
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 The original applicant or building owner may amend all other items.

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name _____ 13. Contact Person _____

14. Federal Employer ID. # _____ 15. Tel. # _____ Fax # _____

16. Address _____ City _____ State _____ Zip _____

V. THIRD PARTY AIR MONITOR

17. Name _____ 18. Contact Person _____

19. Federal Employer ID. # _____ 20. Tel. # _____ Fax # _____

21. Address _____ City _____ State _____ Zip _____

22. Sample Analysis Laboratory _____ 23. NYS DOH ELAP # _____

VI. PROJECT INFORMATION

24. Starting date for this portion of work 10/11/02 Projected completion date 3/31/03 ☐ Project Cancelled ☒ Project Postponed

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

Shift from: 8:00 ☒ am ☐ pm to 12:00 ☐ am ☒ pm If other, specify _____

25. Additional asbestos-containing material to be disturbed during this work 105,985 Square Feet, and/or _____ Linear Feet

Reduction in the amount of ACM to be disturbed during this work _____ Square Feet, and/or _____ Linear Feet

29. Abatement Procedure for Additional Material (Check all appropriate boxes)

☒ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

Other Changes _____

30. Locations of abatement modified by above See attached Table for detail of ACM quantity/type by Floor.
 (For each floor list ACM quantity and type)

31/32. Name of Applicant / Owner Leon Levine Tel. # (212) 566-1892

Name of Company (if any) Ambient Group, Inc. Fax # (212) 944-4618

Address 55 West 39th Street City New York State NY Zip 10018

I hereby declare that the information provided herein is true and complete.

Signature of Applicant /Owner

9/26/02

Date

ACP 8
2/2001

2002A-2277

130 Liberty - Material Quantity Estimate for ACP-7 Amendment

ADDIT'NL				TOTALS
FLOORS	ACM			ACM+WALL
Orig. ACP-7	102000			102000
Elev. Cabs	100			100
24	500 *			500
23	510 *			510
22	500 *			500
21	500 *			500
20	500 *			500
19	500 *			500
18	740 *			740
17	740 *			740
16	740 *			740
15	740 *			740
14	740 *			740
13TH FLOOR DOESN'T EXIST.....				0
12	740 *			740
11	740 *			740
10	740 *			740
9	740 *			740
8	2750 *			2750
7	14500 **			14500
MER 6	0			0
MER 5	250			250
4	240			240
3	2575			2575
2	4600			4600
1	100			100
A-Level	38000			38000
B-level	33200			33200
				207985

TOTALS	207985	0	0	<u>207985</u>
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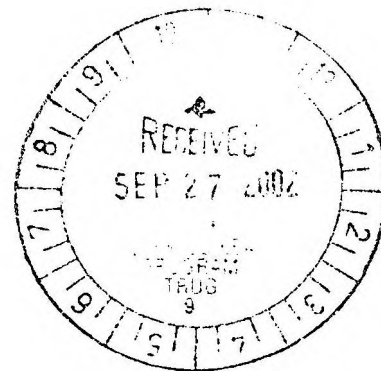
Increase in Quantity from original ACP-7:	105985
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NOTES:

ACM includes Dust and Debris generated from the collapse of the World Trade Center.

* Indicates the additional ACM removal associated with the Men's and Women's Restrooms and part of the Passenger Elevator Lobby on each respective floor.

** Also includes abatement of North Side "Gash Area"

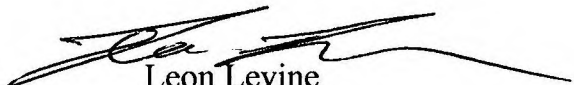
**CONFIDENTIAL DOCUMENT**

130 Liberty Street, Manhattan TEL 0512/MNO2

III. REASONS FOR REQUEST:

ER49/02

On behalf of Duetsche Bank, we are requesting this variance to the subject NYC DEP Asbestos Rule (section 1-127 Lockdown Encapsulation Procedures) on the basis of the potential problems it may produce after abatement activities have been successfully completed. These activities involve the structural re-stabilization of the building. We will still be conducting aggressive air clearance on a floor-by-floor basis as the appropriate abatement/cleanup is completed. The aggressive air clearance will be in accordance to all City, State and Federal asbestos regulations. If you have any questions please do not hesitate to call me at (917) 239 - 4330.


Leon Levine
Ambient Group, Inc
55 West 55 St, 12th Floor
New York, NY 10018

INFORMATION

