



ATHENICA
ENVIRONMENTAL SERVICES INC.

45-09 Greenpoint Avenue
Long Island City, N.Y. 11104

Tel (718) 784-7490
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January 30, 2003

380 RECTOR PLACE

United States Environmental Protection Agency (USEPA)
Region 2
290 Broadway
New York, NY 10007-1866

Attn: Mr. Eric Wilson-Quadrant Coordinator
Tel# (212) 637-3150
Fax# (212) 637-3105

Re: 380 Rector Place, Manhattan, NY
Evaluation Report for Building HVAC & Environmental Inspection for WTC Related Dust

Dear Mr. Wilson:

Athenica Environmental Services, Inc. and Duct Dusters performed Building HVAC & Environmental inspections on January 13, 2003.

Qualifications:

Duct Dusters (DD) is a NADCA certified corporation. Mr. Tony Gallo of DD performed the inspections of the HVAC and exhaust systems in conjunction with New York State certified Asbestos Inspector Mr. Vasilis Bellos and Mr. Alex Kazakov of Athenica Environmental Services, Inc (AES), and Matthew Schoen of USEPA.

Background:

380 Rector Place is a 25-story building with 250 residential units. The manager of the building is Ms. Lorraine Doyle from Milford Management Corp. at 212-842-7310. The superintendent of the building is Mr. David Franqui at 212-945-3769.

Post 9/11 Maintenance History:

As per Lorraine Doyle, the manager of Milford Management Corp., the clean up was performed during the period October thru December of 2002 by Ice Cap and Chute Me. Ms. Doyle provided no further details.



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**380 Rector Place, Manhattan, NY
January 30, 2003**

Inspection Details:

As part of the survey, the Mechanical and the Environmental Professionals inspected the following HVAC system types. All identification data and visual inspections are documented in the attached checklists.

- A. One (01) laundry exhaust fan located on the main roof, one (01) mechanical exhaust fan in the elevator room, one (01) mechanical exhaust fan in the pump water room, one (01) kitchen and one (01) bathroom exhaust fan, located in the pump water room, on the main roof. Five (05) mechanical kitchen and bathroom exhaust fans located on the 9th floor roof.
- B. One (01) AC unit located in the elevator room and serves the elevator room.
- C. One (01) AC unit located on the main roof, and serves the hallways.
- D. One (01) AC unit located in the ceiling of the lobby area and serves the lobby.
- E. One (01) AC unit located in the west side of the lobby, and serves west side of the lobby.
- F. One (01) AC unit located in the east lobby and serves the east side of the lobby.
- G. One (01) AC unit located in the compactor room and serves the compactor room.
- H. HV-1 unit located in the basement and serves the basement storage rooms and boiler room.
- I. HV-2 unit located in the basement and serves the basement corridors.

Summary of Findings:

WTC related dust was found in pit areas of the fresh air intakes of HV-1 and HV-2 systems.
WTC related dust was found in the mechanical exhaust fan# (04) which is located on the 9th floor.

Scope of Work:

Cleaning is required to remove WTC related dust from inside the pit areas of the HV-1 and HV-2 systems.
Cleaning is required to remove WTC related dust from the mechanical exhaust fan # (04) and its components and associated ducts.

Sincerely,



Vasilis Bellos

Director of Operations

Attachments: 1) Ventilation System Evaluation forms

VENTILATION SYSTEM EVALUATION FORM

Please complete this form in accordance with instructions in the accompanying guidance document

Part 1.0 General Information

Date of evaluation: <u>1/13/03</u>	Building contact name and phone:
Evaluation team (list name and affiliation):	
<u>ALEX KAZAKOV, VASILIS BELLOS - ATHENICA</u>	(Environmental professional)
<u>TONY GALLO - DUCT DUSTERS</u>	(HVAC professional)
Building address:	Type of Facility (check all that apply):
<u>380 DECTOR PLACE</u>	☒ Residential
<u>NEW YORK NY</u>	☐ Multi-use
	☐ Other (describe)
Date of construction:	
Number of residential units: <u>250</u>	Number of floors: <u>25</u>
Prior inspection report/maintenance records available for review?:	
<u>NO</u>	
Other comments	
Ventilation system types (check all that apply and indicate total no. of units)	
Central ventilation system	Mechanical exhaust system
Est. no. of units <u>8</u>	Est. no. of units <u>10</u>
Mechanical make-up air system	Passive shaft/duct
Est. no. of units	Est. no. of units
Other (describe)	

I certify that to the best of my knowledge, the information and observations recorded on this form including all attachments are a true and accurate representation of site conditions.

Ventilation System (HVAC) Evaluator

Date

Part 2.0 Visual Inspection Forms

1/13/03

Use the attached forms to document visual inspections. Complete the forms in accordance with instructions in the accompanying guidance document.

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification: <u>DRYER EXHAUST</u>			
Location: <u>ROOF NEAR ELEVATOR RM. 380 DIRECTOR PLACE</u>		Area Served: <u>DRYER EXHAUST</u>	
Associated mechanical room: clean <u>Y</u> N dry <u>Y</u> N stored chemicals/refuse <u>Y</u> N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? Y <u>Y</u> N (explain):			
- louvers, grates and/or screens		<u>Y</u>	<u>N</u>
- outside air duct		<u>Y</u>	<u>N</u>
- outside air damper(s)		<u>Y</u>	<u>N</u>
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators		<u>Y</u>	<u>N</u>
- blower housing acoustical lining		<u>Y</u>	<u>N</u>
- vibration collars			<u>NP</u>
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>300</u> No. locations inspected <u>2</u>			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood		<u>Y</u>	<u>N</u>
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			<u>NP</u>
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			<u>NP</u>
- Exhaust air grilles Est. total qty <u>25</u> No. locations inspected <u>2</u>		<u>Y</u>	<u>N</u>
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.

NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification: <u>ELEVATOR ROOM EXHAUST UNIT</u>			
Location: <u>ELEVATOR ROOM 380 RECTOR PLACE</u>		Area Served: <u>ELEVATOR ROOM</u>	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present?
Exhaust air outlet: Location: _____			Component • not present • not found • inaccessible
Accessible for inspection? Y ☒ N ☐ (explain): _____		Y	N
- louvers, grates and/or screens		Y	N
- outside air duct			NP
- outside air damper(s)			NP
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining			NP
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>4</u> No. locations inspected <u>2</u>			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Exhaust air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N
Other (specify): _____			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCT.

NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification:			
MECHANICAL EXHAUST			
Location: <u>380 RECTOR PLACE</u>		Area Served: <u>WATER PUMP RM</u>	
Associated mechanical room: clean <u>Y</u> <u>N</u> dry <u>Y</u> <u>N</u> stored chemicals/refuse <u>Y</u> <u>N</u>			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present? • not present • not found • inaccessible
Exhaust air outlet: Location:			
Accessible for inspection? Y <u>Y</u> <u>N</u> (explain):		Y	N
- louvers, grates and/or screens		Y	N
- outside air duct		Y	N
- outside air damper(s)		Y	N
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators			NP
- blower housing acoustical lining			NP
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>5</u> No. locations inspected <u>1</u>			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Exhaust air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

LIGHT OF ACCUMULATION OF REGULAR DEBRIS, NO WTC DUST WAS OBSERVED.

NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification:			
Location:		Area Served:	
3EC RECTOR PLACE - MAIN ROOF - WATER PUMP ROOM		KITCHEN EXHAUST	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/ Debris Present?	WTC Dust Present?
Exhaust air outlet: Location:			
Accessible for inspection? ☒ Y ☐ N (explain):			
- louvers, grates and/or screens		Y	N
- outside air duct		Y	N
- outside air damper(s)		Y	N
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining			
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>300</u> No. locations inspected <u>03</u>			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty <u>01</u> No. locations inspected <u>01</u>		Y	N
- Exhaust air grilles Est. total qty <u>25</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.
- NO CLEANING IS REQUIRED FOR WTC RELATED DUST..

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification:			
Location: <u>MECHANICAL EXHAUST</u>		Area Served: <u>BATHROOM EXHAUST</u>	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Exhaust air outlet: Location: _____			
Accessible for inspection? Y ☒ N ☐ (explain): _____			
- louvers, grates and/or screens	☒ Y	☐ N	
- outside air duct	☒ Y	☐ N	
- outside air damper(s)	☒ Y	☐ N	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	☒ Y	☐ N	
- blower housing acoustical lining			NP
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total in ft <u>300</u> No. locations inspected <u>03</u>			
Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood	☒ Y	☐ N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty <u>01</u> No. locations inspected <u>01</u>	☒ Y	☐ N	
- Exhaust air grilles Est. total qty <u>2.5</u> No. locations inspected <u>0</u>			I
Other (specify): _____			
Other Information: _____			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

- NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.
- NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification:			
MECHANICAL EXHAUST FAN #1			
Location: 9th floor - 380 PIERCE PLACE		Area Served:	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Exhaust air outlet: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft 100 No. locations inspected 01			
Specify type (circle): metal <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Exhaust air grilles Est. total qty 09 No. locations inspected 0			I
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification: MECHANICAL EXHAUST FAN #2			
Location: 9th FL - ROOF / 380 Rector Place		Area Served:	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Exhaust air outlet: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft 100 No. locations inspected 01 Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Exhaust air grilles Est. total qty 09 No. locations inspected 0			I
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.

NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification:			
Location: <u>MECHANICAL EXHAUST FAN #13</u>		Area Served:	
Associated mechanical room: clean <u>Y</u> <u>N</u> dry <u>Y</u> <u>N</u> stored chemicals/refuse <u>Y</u> <u>N</u>			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Exhaust air outlet: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft - <u>100</u> No. locations inspected <u>1</u>			
Specify type (circle): metal <u>fibrous glass lined metal</u> <u>masonry</u> fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Exhaust air grilles Est. total qty <u>0.9</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.

NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form

Page 1 of 1

Mechanical Exhaust System Identification: <u>MECHANICAL EXHAUST FAN #4</u>			
Location: <u>9TH FLOOR - ROOF 380 PETER PLACE</u>		Area Served:	
Associated mechanical room: clean <u>Y</u> <u>N</u> dry <u>Y</u> <u>N</u> stored chemicals/refuse <u>Y</u> <u>N</u>			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present?
Exhaust air outlet: Location:			Component • not present • not found • inaccessible
Accessible for inspection? Y <u>✓</u> N (explain):			
- louvers, grates and/or screens		<u>Y</u>	<u>Y</u>
- outside air duct		<u>Y</u>	<u>Y</u>
- outside air damper(s)		<u>Y</u>	<u>Y</u>
Exhaust fan unit:		<u>Y</u>	<u>Y</u>
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators		<u>Y</u>	<u>Y</u>
- blower housing acoustical lining		<u>Y</u>	<u>Y</u>
- vibration collars			<u>NP</u>
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>100</u> No. locations inspected <u>01</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>		<u>Y</u>	<u>Y</u>
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			<u>NP</u>
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			<u>NP</u>
- Exhaust air grilles Est. total qty <u>09</u> No. locations inspected <u>0</u>			<u>I</u>
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

EXHAUST FAN UNIT - DUCT WORK HAS WTC RELATED DUST.
CLEANING IS REQUIRED FOR WTC RELATED DUCT. CLEAN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.2 Mechanical Exhaust System Visual Inspection Form**Page 1 of 1**

Mechanical Exhaust System Identification: MECHANICAL EXHAUST FAN #5			
Location: 5th FL - ROOF 380 PECTOR PLACE		Area Served:	
Associated mechanical room: clean ☐ Y ☐ N dry ☐ Y ☐ N stored chemicals/refuse ☐ Y ☐ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Exhaust air outlet: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Exhaust fan unit:			
- blower assembly incl. blower wheel, housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- vibration collars			NP
Exhaust air distribution:			
- Exhaust air ducts Est. total ln ft <u>100</u> No. locations inspected <u>01</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Exhaust air grilles Est. total qty <u>09</u> No. locations inspected <u>0</u>			I
Other (specify):			
Other Information:			

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC RELATED DUST WAS OBSERVED, IN THE COMPONENTS OF THE FAN AND ITS ASSOCIATED DUCTS.

NO CLEANING IS REQUIRED FOR WTC RELATED DUST.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.1 Central Ventilation System Visual Inspection Form

Page 1 of 2

Ventilation System Identification:			
AC Unit - <u>CARRIER</u>			
Location: <u>ELEVATOR ROOM / 380 REGIOR PLACE</u>		Area Served: <u>ELEVATOR ROOM</u>	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Air handling unit:			
- outside air mixing chamber	Y	N	
- filter rack(s)	Y	N	
- filter media	Y	N	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- pre-heat coils			NP
- heating coils			NP
- cooling coils	Y	N	
- re-heat coils			NP
- condensate drain pan	Y	N	
- supply air plenum	Y	N	
- supply air plenum damper(s)			NP
- vibration collars	Y	N	
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	
Return air distribution:			
- Return air ducts Est. total ln ft <u>6</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>	Y	N	
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____	Y	N	
- Return air grilles Est. total qty _____ No. locations inspected _____	Y	N	

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>HEAVY</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): - HEAVY ACCUMULATION OF REGULAR DEBRIS, NOT WTC RELATED DUST. - NO CLEANING IS REQUIRED FOR WTC RELATED DUST			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification:			
AC UNIT			
Location: ROOF / 380 NECTAR PLACE		Area Served: HALLWAYS - ALL FLOORS	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Air handling unit:			
- outside air mixing chamber	Y	N	
- filter rack(s)	Y	N	
- filter media	Y	N	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- pre-heat coils			NP
- heating coils			NP
- cooling coils	Y	N	
- re-heat coils			NP
- condensate drain pan	Y	N	
- supply air plenum	Y	N	
- supply air plenum damper(s)	Y	N	
- vibration collars	Y	N	
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>300</u> No. locations inspected <u>3</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NF
- Accessible turning vanes Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty <u>25</u> No. locations inspected <u>2</u>	Y	N	
Return air distribution:			
- Return air ducts Est. total ln ft <u>10</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>	Y	N	
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NF
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NF
- Return air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information:			
Filter loading (light, moderate, heavy): <u>HEAVY</u> ☒ Abraded/delaminated acoustical lining <u>YES</u> ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust):			
NO WTC RELATED DUST WAS OBSERVED IN THE COMPONENTS OF THE SYSTEM NOR IN THE ASSOCIATED DUCTS. NO CLEANING IS REQUIRED FOR WTC RELATED DUST.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification:			
AC UNIT			
Location: LOBBY CEILING / 380 PETER PLACE		Area Served: LOBBY	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present?
Component • not present • not found • inaccessible			
Outside air intake: Location:			
Accessible for inspection? Y ☒ N ☐ (explain):			
- louvers, grates and/or screens			NP
- outside air duct			NP
- outside air damper(s)			NP
Air handling unit:			
- outside air mixing chamber			NP
- filter rack(s)		Y	N
- filter media			NP
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining		Y	N
- pre-heat coils			NP
- heating coils			NP
- cooling coils		Y	N
- re-heat coils			NP
- condensate drain pan		Y	N
- supply air plenum		Y	N
- supply air plenum damper(s)			NP
- vibration collars			NP
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>40</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>		Y	N
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NF
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NF
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty <u>2</u> No. locations inspected <u>1</u>		Y	N
Return air distribution:			
- Return air ducts Est. total ln ft <u>4</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> <u>masonry</u> <u>fibrous glass board</u> <u>flex-duct</u> <u>wood</u>		Y	N
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>		Y	N
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NF
- Return air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>NO FILTER</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): <u>NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM AND ITS ASSOCIATED DUCTS</u> <u>NO CLEANING IS REQUIRED FOR WTC RELATED DUST.</u>			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification:			
WEST HEATING UNIT - LOBBY			
Location: LOBBY - 380 PECTOR PLACE		Area Served: LOBBY	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location:			
Accessible for inspection? Y ☐ N ☐ (explain):			
- louvers, grates and/or screens			NP
- outside air duct			NP
- outside air damper(s)			NP
Air handling unit:			NP
- outside air mixing chamber			NP
- filter rack(s)			
- filter media	Y	N	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- pre-heat coils	Y	N	
- heating coils	Y	N	NP
- cooling coils			NP
- re-heat coils			NP
- condensate drain pan			NP
- supply air plenum	Y	N	NP
- supply air plenum damper(s)			NP
- vibration collars			NP
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty <u>3</u> No. locations inspected <u>1</u>	Y	N	
Return air distribution:			
- Return air ducts Est. total ln ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Return air plenum Est. total RA plenum areas _____ No. locations inspected _____	Y	N	
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Return air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>	Y	N	

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>MODERATE</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): <u>NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM AND ITS ASSOCIATED DUCTS</u> <u>NO CLEANING IS REQUIRED FOR WTC RELATED DUST.</u>			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification:

EAST HEATING UNIT- LOBBY

Location:

LOBBY - 380 - Rector Place

Area Served:

LOBBY

Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N

System Components

[NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]

Surface
Dust/
Debris
Present?

WTC
Dust
Present?

Component
• not present
• not found
• inaccessible

Outside air intake: Location:

Accessible for inspection? Y ☐ N ☐ (explain):

- louvers, grates and/or screens

- outside air duct

- outside air damper(s)

Air handling unit:

- outside air mixing chamber

- filter rack(s)

- filter media

- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators

- blower housing acoustical lining

- pre-heat coils

- heating coils

- cooling coils

- re-heat coils

- condensate drain pan

- supply air plenum

- supply air plenum damper(s)

- vibration collars

Supply air distribution:

- Supply air ducts Est. total ln ft 9 No. locations inspected 01

Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____

- Accessible turning vanes Est. total qty _____ No. locations inspected _____

- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____

- Supply air diffusers Est. total qty 01 No. locations inspected 01

Return air distribution:

- Return air ducts Est. total ln ft 9 No. locations inspected 1

Specify type (circle): metal fibrous glass lined metal masonry fibrous glass board
flex-duct wood

- Return air plenum Est. total RA plenum areas 1 No. locations inspected 1

- Return air plenum damper Est. total qty _____ No. locations inspected _____

- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____

- Accessible turning vanes Est. total qty _____ No. locations inspected _____

- Return air grilles Est. total qty 1 No. locations inspected 1

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information:			
Filter loading (light, moderate, heavy): <u>MODERATE</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust):			
NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM, ITS COMPONENTS AND ITS ASSOCIATED DUCTS. NO CLEANING IS REQUIRED FOR WTC DUST.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification:

AC-1

Location: COMPACTOR ROOM / 3RD FLOOR PLACE		Area Served: COMPACTOR ROOM	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/ Debris Present?	WTC Dust Present?
Outside air intake: Location:			Component • not present • not found • inaccessible
Accessible for inspection? Y ☐ N ☐ (explain):			NP
- louvers, grates and/or screens			NP
- outside air duct			NP
- outside air damper(s)			NP
Air handling unit:			
- outside air mixing chamber			NP
- filter rack(s)		Y	N
- filter media		Y	N
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining		Y	N
- pre-heat coils			NP
- heating coils			NP
- cooling coils		Y	N
- re-heat coils			NP
- condensate drain pan		Y	N
- supply air plenum		Y	N
- supply air plenum damper(s)			NP
- vibration collars			NP
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>02</u> No. locations inspected <u>01</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N
Return air distribution:			
- Return air ducts Est. total ln ft <u>2</u> No. locations inspected <u>1</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood		Y	N
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>		Y	N
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Return air grilles Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>MODERATE</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe)			
General impression (indicate recommendations for cleaning based on finding of WTC dust): NO WTC RELATED DUST WAS OBSERVED IN THE SYSTEM, ITS COMPONENTS AND ITS ASSOCIATED DUCTS. NO CLEANING IS REQUIRED FOR WTC RELATED DUST.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification:			
Location: <u>HV-1</u> <u>BASEMENT - 380 RECTOR PLACE</u>		Area Served: <u>BASEMENT STORAGE RMS, BOILER RM</u>	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Outside air intake: Location: _____ Accessible for inspection? Y ☒ N ☐ (explain): _____			
- louvers, grates and/or screens	Y	N	
- outside air duct	Y	N	
- outside air damper(s)	Y	N	
Air handling unit:			
- outside air mixing chamber	Y	N	
- filter rack(s)	Y	N	
- filter media	Y	N	
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
- blower housing acoustical lining	Y	N	
- pre-heat coils	Y	N	
- heating coils	Y	N	
- cooling coils			NP
- re-heat coils			NP
- condensate drain pan			NP
- supply air plenum	Y	N	
- supply air plenum damper(s)	Y	N	
- vibration collars			NP
Supply air distribution: - Supply air ducts Est. total ln ft <u>200</u> No. locations inspected <u>3</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Accessible in-line fire dampers Est. total qty <u>2</u> No. locations inspected <u>0</u>			NF
- Accessible turning vanes Est. total qty <u>2</u> No. locations inspected <u>2</u>	Y	N	
- In-line reheat/cooling coils Est. total qty <u>0</u> No. locations inspected <u>0</u>			NP
- Supply air diffusers Est. total qty <u>68</u> No. locations inspected <u>2</u>	Y	N	
Return air distribution: - Return air ducts Est. total ln ft <u>50</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood	Y	N	
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>	Y	N	
- Return air plenum damper Est. total qty _____ No. locations inspected _____			NP
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NP
- Return air grilles Est. total qty _____ No. locations inspected _____			NP

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>SOME FILTERS MISSING</u> ☐ Abraded/delaminated acoustical lining ☐ Filter bypass (describe) - FRESH AIR INTAKE DUCTWORK IS 100LF, INSPECTED AT 3 LOCATIONS. NO WTC DEBRIS WAS OBSERVED. General impression (indicate recommendations for cleaning based on finding of WTC dust): FRESH AIR INTAKE PIT AREA FOR THIS UNIT HAS A CONSIDERABLE AMOUNT OF WTC RELATED DUST ON FLOOR. THERE IS NO NOTICEABLE WTC RELATED DUST IN DUCT WORK.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			

2.1 Central Ventilation System Visual Inspection Form

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Ventilation System Identification: <u>HV-2</u>			
Location: <u>BASEMENT - 3RD FLOOR PLACE</u>		Area Served: <u>BASEMENT - CORRIDOR</u>	
Associated mechanical room: clean ☒ Y ☐ N dry ☒ Y ☐ N stored chemicals/refuse ☐ Y ☒ N			
System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]		Surface Dust/Debris Present?	WTC Dust Present?
Outside air intake: Location: _____			Component • not present • not found • inaccessible
Accessible for inspection? Y ☒ N ☐ (explain): _____			
- louvers, grates and/or screens		Y	N
- outside air duct		Y	N
- outside air damper(s)		Y	N
Air handling unit:			
- outside air mixing chamber		Y	N
- filter rack(s)		Y	N
- filter media		Y	N
- blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators		Y	N
- blower housing acoustical lining		Y	N
- pre-heat coils			NP
- heating coils		Y	N
- cooling coils			NP
- re-heat coils			NP
- condensate drain pan			NP
- supply air plenum		Y	N
- supply air plenum damper(s)		Y	N
- vibration collars			NP
Supply air distribution:			
- Supply air ducts Est. total ln ft <u>100</u> No. locations inspected <u>3</u> Specify type (circle): <u>metal</u> <u>fibrous glass lined metal</u> masonry fibrous glass board flex-duct wood		Y	N
- Accessible in-line fire dampers Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NF
- In-line reheat/cooling coils Est. total qty _____ No. locations inspected _____			NP
- Supply air diffusers Est. total qty _____ No. locations inspected _____			NP
Return air distribution:			
- Return air ducts Est. total ln ft <u>20</u> No. locations inspected <u>2</u> Specify type (circle): <u>metal</u> fibrous glass lined metal masonry fibrous glass board flex-duct wood		Y	N
- Return air plenum Est. total RA plenum areas <u>1</u> No. locations inspected <u>1</u>		Y	N
- Return air plenum damper Est. total qty <u>1</u> No. locations inspected <u>1</u>		Y	N
- Accessible in-line fire dampers Est. total qty _____ No. locations inspected _____			NP
- Accessible turning vanes Est. total qty _____ No. locations inspected _____			NF
- Return air grilles Est. total qty _____ No. locations inspected _____		Y	N

2.1 Central Ventilation System Visual Inspection Form

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System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component • not present • not found • inaccessible
Other (specify):			
Other Information: Filter loading (light, moderate, heavy): <u>MODERATE</u> ☐ Abraded/delaminated acoustical lining <u>YES</u> ☐ Filter bypass (describe) - FRESH AIR INTAKE DUCTWORK IS 125 LF, INSPECTED AT 3 LOCATIONS NO WTC DEBRIS WAS OBSERVED. General impression (indicate recommendations for cleaning based on finding of WTC dust): FRESH AIR INTAKE PIT AREA FOR THIS UNIT HAS A CONSIDERABLE AMOUNT OF WTC RELATED DUST ON FLOOR. THERE IS NO NOTICEABLE WTC RELATED DUST IN DUCT WORK.			
KEY: NP = not present; NF = not found; I = inaccessible; U = unknown			