



Noise Mitigation Program
130 Liberty Street/Deutsche Bank Abatement & Deconstruction
Project
Deconstruction Phase



Final
Rev. 3/27/09

I Scope of Project

This will be a Deconstruction of a now 26 story building consisting of the following phases: Deconstruction and Excavation.

II Adjacent Property (Receptor assessment)-

- A. Adjacent Properties-** The following address are adjacent to the project:
- B. Special Considerations-** The following properties are considered "hot" receptors:

141-150 Greenwich Street
137-139 Greenwich Street
133-135 Greenwich Street
123-131 Greenwich Street
78 Trinity Place
120 Greenwich Street
130 Cedar Street
80-86 West Street
125 Cedar Street
90 West Street
100 Trinity Place
90 Trinity Place

C. Community Board/Local Officials-

Manhattan Community Board 1
49-51 Chambers Street Room 715
New York, NY 10007-1209
Email: cbl@cbl.org
Phone: 212.442.5050
Fax: 212.442.5055

BOARD OFFICERS

JULIE MENIN, CHAIRPERSON
CATHERINE MCVAY HUGHES , VICE CHAIRPERSON
NOEL E. JEFFERSON, SECRETARY
JOEL KOPEL , TREASURER
MARC AMERUSO, ASSISTANT Secretary

III Noise Management Assessment-

Phase	Tasks	Duration	Description	Equipment	Noise Mitigation
Deconstruction	Dismantle building from the 26 th floor down. Chop, cut and grind concrete. Removal and handle structural steel columns and beams.	7 Months	<ul style="list-style-type: none"> Dismantling using skid steers, excavators, and chopping guns Concrete to be crushed in North Plaza and in basement. Debris will be loaded into containers and trucks for removal from site. 	Equipment list attached	Plywood barriers are constructed around perimeter of deconstruction floors
Excavation	After building is dismantled	3-4 weeks	Grading and excavation of site once building is dismantled	Equipment list attached	Perimeter barrier
General Site Work		9 months	Trucks will be delivering and removing trailers and equipment	Trucks w/trailers	No staging of trucks

Crane & Hoist

Crane use will be limited to normal work hours

Monthly upkeep and maintenance will be performed to minimize noise

All work to be performed per approved work permits issued by DOB & DOT

IV Assessment Form- (attached)

V Assessment / Hot Area / Receptor Logistic (attached)

VI Variations or Special Conditions:
This will be determined after project manager meets with contractor regarding equipment selection.

VII Responsible People/Contact Information

<u>General Contractor</u>	<u>Person</u>	<u>Title</u>	<u>Contact</u>
Bovis Lend Lease	Ray Master	Site Safety & Health Director	212.608.4103
Bovis Lend Lease	Jon Kraft	Site Superintendent	212.608.4103

Local Law 135 Noise Mitigation Program

1. Noise Mitigation Program

Prepare sound mitigation program utilizing

- Logistics
- Schedule (tasks)

- Identify tasks in conjunction with project schedule; that have “remediation potential” and also identify “hot areas” of noisy work and assess possible “engineering controls” to remediate potential sound problems if necessary.
- Identify equipment to be used by contractors and the “remediation potential” of each and the modifications to the equipment to be utilized to control sound.
- Prepare Site noise assessment given to a “receptor” assessment and what controls (fence, etc) can be utilized to limit exterior noise (also assess possible noise hazards that will be caused to workers and assess compliance to applicable sections of OSHA 1926 or OSHA 1910)
- Plan will consist of written program including form completion and plan. Program will be “onsite” and if variance is necessary request will be submitted to DEP.

2. Program Wrap-up

- Upon completion, a final assessment and report to the project specific program will be undertaken and issued with all supporting information and data.

Receptor Contact Info

- 1.) **141-151 Greenwich Street**
Fire Department City of New York
718-452-3625
- 2.) **137-139 Greenwich Street**
Michael Keane
O'Hara's Restaurant
212-267-3032
- 3.) **133-135 Greenwich Street**
Greenwich Street Project LLC.
Michael K. Vice President
347-643-9960
- 4.) **American Stock Exchange**
123-131 Greenwich Street
212-306-1663
- 5.) **American Stock Exchange**
86-78 Trinity Place
212-306-1814
- 6.) **120 Greenwich Street**
Senex Greenwich Realty Associates
Charles Cecil V.P.
212-123-1111
- 7.) **130 Cedar Street**
130 Owners Group
Christopher Colbourne, Owners Rep
212-922-9565
- 8.) **80-86 West Street**
Marriott Hotel Services
212-266-6196
- 9.) **125 Cedar Street**
Pat Moore, Tenant Leader, CBI Member
212-732-5308
Andrew Jurinko, Tenant Leader
212-732-3453
- 10.) **90 West Street**
Derek Lords, Tenant Leader
917-579-2367
Peter Levinson, Owner Rep
212-481-5700 ext. 245
- 11.) **100 Trinity Place**
High School of Leadership & Finance
Michael Stanzione, Principal
212-346-0708
- 12.) **High School for Leadership & Public Service**
90 Trinity Place
Frank Brancato, Principal
212-346-0007

Construction Noise Mitigation Plan

130 Liberty Street/Deutsche Bank Deconstruction Project

130 Liberty Street, New York, NY 10006

It is not necessary to file this document with DEP however; it must be accessible to inspectors. The responsible party shall be liable for the accuracy of this document and compliance with all applicable rules in 15 RCNY Chapter 28.

1. Contact Information

Name of Responsible Party as defined in 15 RCNY §28-109: Bovis Lend Lease

Work Site Location with Borough BLOCK/LOT/Address: 130 Liberty Street, New York, NY | Block & Lot TBD

Contact Phone Number for Responsible Party: Jon Kraft /Ray Master - 212-608-4103

Approximate Distance to Closest Receptor (defined in §28-109 of Title 15 of The Rules of the City of New York (RCNY)): 60 Feet

Deconstruction Construction Work is Taking Place from: Month: May Year: 09 to Month: Dec Year: 09

Excavation Construction Work is Taking Place from: Month: Dec Year: 09 to Month: Feb Year: 10

Foundation Construction Work is Taking Place from: Month: N/A Year: N/A to Month: N/A Year: N/A

Superstructure Construction Work is Taking Place from: Month: N/A Year: N/A to Month: N/A Year: N/A

Finishing Construction Work is Taking Place from: Month: N/A Year: N/A to Month: N/A Year: N/A

Other Construction Work is Taking Place from: Month: N/A Year: N/A to Month: N/A Year: N/A

Normal Work Hours (as defined in §24-222 of the Ad. Code): 7:00am -6:00pm

Dept of Transportation Permit Numbers:

M02-2008051-018	M02-2008051-019
M02-2000008-163	M02-2008003-176
M02-2008003-177	M02-2008003-178
M02-2008003-179	M02-2008003-181
M02-2008003-182	M02-2008003-168
M02-2008003-170	M02-2008003-171
M02-2008003-172	M02-2008003-173
M02-2008003-174	

Dept of Buildings Permit Numbers:

110284139-01-EW-OT
110023090-01-EW-OT
110024081-01-EQ-OT
104928090-01-EW-OT
104905783-01-EW-OT
104905417-01-EW-SD
104902123-01-AL

2. List of §102 construction devices to be used on site.

When the additional devices listed below each category are utilized, the use of barriers as set forth in section IV herein is not required unless the Dept. of Environmental Protection receives complaints as set forth in §28-102 of Title 15 of the RCNY for each device. If however, the specific device listed below each main category of devices are not checked, and you are using any of the main devices listed below, then the use of barriers set forth in Section IV herein shall be utilized. However, if you specified "other" in a category, you shall be required to utilize barriers as set forth in Section IV herein.

<input type="checkbox"/>	PILE DRIVERS
<input type="checkbox"/>	Vibratory Pile Driver or Hydraulic Impact Driver as defined in 102(a)(1)(B)(ii)
<input type="checkbox"/>	Noise Bellows as defined in 102(a)(1)(B)(viii)
<input checked="" type="checkbox"/>	No

<input checked="" type="checkbox"/>	JACKHAMMERS
<input checked="" type="checkbox"/>	Quieter makes and models as defined in 102(a)(1)(B)(i)
<input type="checkbox"/>	No

<input checked="" type="checkbox"/>	HOE RAMS
<input type="checkbox"/>	Quieter makes and models as defined in 102(a)(3)(B)(i)
<input type="checkbox"/>	Noise Shroud as defined in 102(a)(3)(B)(iii)
<input type="checkbox"/>	No

<input type="checkbox"/>	BLASTING NO
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<input type="checkbox"/>	VACUUM EXCAVATORS
<input type="checkbox"/>	Smaller capacity vac-truck as defined in 102(b)(1)(B)(i)
<input type="checkbox"/>	Silencer as defined in 102(b)(1)(B)(i)
<input checked="" type="checkbox"/>	No

<input checked="" type="checkbox"/>	DUMP TRUCKS
<input type="checkbox"/>	US made EEL Equipment or equivalent as defined in 102(d)(1)(B)(iii)
<input type="checkbox"/>	No

<input checked="" type="checkbox"/>	CRANE
<input checked="" type="checkbox"/>	Modern Hydraulic Crane as defined in 102(d)(1)(B)(ii)
<input type="checkbox"/>	US made EEL Equipment or equivalent as defined in 102(d)(1)(B)(iii)
<input type="checkbox"/>	No

<input checked="" type="checkbox"/>	CONCRETE SAWS
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<input type="checkbox"/>	SANDBLASTING
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<input type="checkbox"/>	AUGER DRILL RIGS
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<input checked="" type="checkbox"/>	HOIST
<input type="checkbox"/>	CONCRETE PUMP TRUCKS
<input type="checkbox"/>	CONCRETE TRUCKS
<input type="checkbox"/>	BENDING MACHINES
<input checked="" type="checkbox"/>	SCAFFOLD RIGS

3. Additional Construction Devices

List of additional applicable construction devices to be used at the site:

- Generators
- Compressors
- Street Plates
- Backup Alarms
- Pumps

Note: DEP will utilize the Federal Highway Administration Roadway Construction Model as a means of identifying equipment either in section II or III, that may be the cause of a noise complaint, *see* §28-101(a) of Title 15 of the RCNY for compliance options.

4. Mitigation Barriers

Noise Mitigation Barriers Utilized: If required as set forth in §28-101(g) of Title of the RCNY.

Required to use the Perimeter Barrier/DOB Construction Fence
Temporary/Movable Barrier

Yes No

Pile Drivers

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Jackhammers

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Hoe Rams

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Blasting

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Vacuum Excavators

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Dump Trucks

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Cranes

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Auger Drill Rigs

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Street Plates

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Back up Alarms (01/01/08)

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Concrete Saws

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Hoist

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Concrete Pump Trucks

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Concrete Trucks

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Bending Machines

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Scaffold Rigs

Perimeter Barrier/DOB Construction Fence Temp Barrier Movable Barrier

Equipment List

<u>Make</u>	<u>Model</u>	<u>Description</u>
Daewoo	130LC	Hydraulic Excavator
Daewoo	SK225	Hydraulic Excavator
Daewoo	S55V	Hydraulic Excavator
Daewoo	S75LC	Hydraulic Excavator
Daewoo	Mega 400	Loader
Caterpillar	226	Skid Steer
Caterpillar	226B	Skid Steer
Caterpillar	246	Skid Steer
Ingersoll Rand	L6-4	Light Tower
Ingersoll Rand	P185WJD	Compressor
Grove	AMZ-131XT	Man lift-Articulating
Komatsu	D31P-18A	Dozer
Kobelco	550	Wheel Loader

I, **Ray Master**, of **Bovis Lend Lease** hereby certify the information contained in this form is true and accurate to the best of my knowledge.

Signature: 

Date: March 27, 2009

Notary 
March 27, 2009

Bernadette de St Aubin
Notary Public, State of New York
No. 01DE6191353
Qualified in Richmond County
Commission Expires August 11, 2012