

1410

**UNITED
FEDERATION
OF
TEACHERS**

CHECKLIST

**FOR SCHOOL CONSTRUCTION AUTHORITY
CONSTRUCTION PROJECTS IN SCHOOLS**

SCHOOL: PS 29K DATE: 3/1/12

PROJECT: Flood Elimination, Parapets, Exterior Masonry & Roofs

UNITED FEDERATION OF TEACHERS

CHECKLIST FOR CONSTRUCTION PROJECTS IN SCHOOLS

1. Attendance sheet with names, phone and beeper #'s listed YES NO
2. Minutes were written by: Jeffrey Simmons
3. School Utilization:
 School hours: 7:30AM-3:00PM Weekend hours 9:00AM-1:00PM
 After-School Programs Hours: 3:00PM-6:00PM
 Summer Programs: N/A
4. The scope of work? A. Flood Elimination
 B. Parapets C. Exterior Masonry
 D. Roofs E. _____
5. The time frame? Begin: January 9, 2012 Completion: July 1, 2013
6. The SCA Project Officer? Jeff Simmons

Emergency Contact List

	Agency	Name	Title	Phone	Fax	Cell
1	SCA	Jeff Simmons	Project Officer	718-752-5922	718-472-8150	646-208-4944
2	SCA	John Gentile	Sr. PO	718-472-8838	718-472-8150	917-418-5183
3	SCA	Sri Tetali	I.E.H.	718-472-8506		917-642-2733
4	SCA	Yvette Knight	Project Support Mgr.	718-472-8199	718-472-8150	347-245-8937

(A completed list will be attached to the minutes – faxed to all)

7. During which hours will the work take place? 3:30PM-11:30AM
8. Do all workers display photo identification badges while on school property? Yes
9. Which entrances, exits and staircases will be utilized by contractors? TBD by School Custodian
10. Job Committee (principal, chapter leader, custodian, parent) will meet with the SCA regularly during the construction time frame above. The first of these regular meetings will be on: _____ at _____ A.M. /P.M.
11. Which toilet facilities will be used by the workers (Will the contractor provide Porta Sans?)
Yes. To be assigned by School Custodian.

2. Is any asbestos work involved? Yes. See attached Spec section 2081.

Where? 1. _____ 2. _____
3. _____ 4. _____

When: _____

- A. Who is doing the abatement? Rici Corp
- B. Who will be monitoring the asbestos work? Taylor Environmental Group, Inc.
- C. Who is the SCA I.H? Sri Tetali
- D. Where will the air test results/clearance letter be faxed and posted? (Name and telephone number) School Custodian, Carlos Hosking @ 718- 596-1887

13. PCBs – What precautions/procedures are used for PCB containing materials? No PCBs.

- A. Will dust isolation barriers and dust flaps be properly installed? Yes
- B. Will items be moved outside the barrier and covered in plastic; or (if they must stay in the barrier) will they be sealed in plastic? Yes
- C. Will all functional spaces be inspected to document pre-existing conditions prior to starting the work? Yes
- D. Will a HEPA air purifier be properly placed and used during the project? Yes
- E. Will isolation barriers with dust flaps be maintained during the project? Yes
- F. Will activities be performed to minimize dust generation, such as wet methods, vacuum attachments on equipment, etc? Yes
- G. What procedures will be implemented to ensure there is no visible dust outside of the isolation barrier during work? The contractor will submit a plan for approval prior to commencing work.
- H. Will the area be cleaned after removal of all poly and isolation barriers? Yes
- I. What procedures will be implemented if there is any visible evidence of dust after the final cleaning is complete? Remediation based upon the approved plan submitted by the contractor.
- J. Will a final inspection be performed by the Contractor and School Representative? Yes

14. If this is a roof replacement, where will the tanker or after-burner TARPOT be located?
Roof? Yes Street level (Street #) _____ Other _____

A. Approximately how many days will this process take? TBD
Start Date _____ Completion Date: _____

During this work, are all outside intake vents sealed? Yes

Fumes/odors - What special precautions will be taken to minimize exposure to fumes?

Vacuum system.

16. MSDS - Material Safety Data Sheets will be located in an MSDS Binder in:

- | | YES | NO |
|------------------------|-------------------------------------|-------------------------------------|
| 1. Principal's Office | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Custodian's Office | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Construction Office | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Carlos has
✓

17. If this work involves pointing/grinding/masonry work: _____

- A. Grinders will have vacuum attachments for dust: Yes X No: _____
- B. Scaffold Type used: Pipe
- C. Sidewalk bridges will be located at: School perimeter
- D. Netting will be used at (location): School perimeter

18. What kinds of dust containment will be employed? Based upon contractor's approved plan.

A. Are power tools equipped with dust controls? Yes

19. **LEAD** - What precautions/procedures are used for lead-painted surfaces? (EPA, DDC, NYPA, SCA, BOE, DSF)

- A. Distributed project-specific Principal Notification Letter, Notice for posting at the school and EPA Renovate Right pamphlet (and extras for the school to hand out when parents request it)?
- B. School confirmed notification to parents/guardians of students who use pre-kindergarten, kindergarten and special education classrooms (or who routinely use bathrooms, lunchrooms or other common areas) will be by (note: posting is required, others are at Principal's option):
- Posting (required) Other (describe): _____

20. Will the contractor have a cleaning crew? Yes

21. What precautions will be taken to minimize noise? Based upon contractor's approved plan.

22. Has the contractor been informed that no work is to take place during school-wide Testing? YES ✓ NO

23. Has school provided an official calendar, school calendar and test dates? YES NO ✓

24. Is there any swing space available? YES NO ✓
Location _____

25. Location of dumpsters? To be assigned by school Custodian.

26. What type of security is being planned? Before/after school hours? After

27. Has the contractor/SCA provided an updated/current work schedule? Yes

SUMMARY OF INSPECTION RESULTS FOR ASBESTOS IN SCHOOL:
Public School 29K, 425 Henry Street, Brooklyn, NY
PROPOSED WORK AS PER SCA RENOVATION PLANS : Flood Elimination / Parapets / Exterior Masonry / Roofs

#	Location / Work Area	Suspect Material That Will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
				FT ²	LF	
1	Building Throughout	Wall Plaster	Non-ACM	-	-	AHERA Report (2009)
2		Soft Plaster	Non-ACM	-	-	AHERA Report (2009)
3		Ceiling Plaster	Non-ACM	-	-	AHERA Report (2009)
4		Gypsum Board / Compound	Non-ACM	-	-	AHERA Report (2009)
5		Interior Brick Mortar	Non-ACM	-	-	AHERA Report (2009)
6		Interior CMU Wall Mortar	Non-ACM	-	-	AHERA Report (2009)
7		Interior Window Frame Caulk	Non-ACM	-	-	AHERA Report (2009)
8		Corrugated Pipe Insulation / Joints	ACM	-	100	AHERA Report (2009) - Allowance of 100 LF of ACM Pipe Insulation to be Removed @ Multiple Locations Not Otherwise Specified in this Section
9		Magnesia Pipe Insulation / Joints	ACM	-	-	AHERA Report (2009)
10		Joints to Non-Suspect Fiberglass Pipe Insulation	Non-ACM	-	-	AHERA Report (2009)
11		Pipe Insulation Associated with Roof Drain Elbow / Leader	Assumed ACM	-	110	Approx. 11 Roof Drains to be Replaced - Allowance of 10 LF per drain
12		Vinyl Electrical Wire Insulation	Non-ACM	-	-	Non-Suspect
13		Floor Tiles / Mastic / Floor Fill	Assumed ACM ¹	-	12	Approx. 12 Floor Penetrations
14	Interior Brick Foundation Wall Mortar	Non-ACM	-	-	AHERA Report (2008)	
15	Interior CMU Wall Mortar	Non-ACM	-	-	AHERA Report (2008)	
16	Joints to Non-Suspect Fiberglass Pipe Insulation	Non-ACM	-	-	AHERA Report (2008)	
17	Slip Blue Paint on Brick Foundation Walls	Non-ACM	-	-	AHERA Report (2008)	
18	Dark Blue Paint on Brick Foundation Walls	Non-ACM	-	-		
19	Light Blue Paint on Brick Foundation Walls	Non-ACM	-	-		
20	Teal/Blue Paint on Brick Foundation Walls	Non-ACM	-	-		
21	Blue/Gray Paint on Brick Foundation Walls	Non-ACM	-	-		
22	Yellow Paint on Brick Foundation Walls	Non-ACM	-	-		
23	Poured Concrete Ceiling / Beams	Non-ACM	-	-	Non-Suspect	
24	Braided Electrical Wire Insulation	Assumed ACM ¹	-	-		
25	Electrical Panel Backing Boards	Assumed ACM ²	-	-	Disconnections / Connections Only - See Note #2	
26	Basement Level - Throughout (Apartment Coal Storage Room)	Interior Window Frame Caulk	Non-ACM	-	-	AHERA Report (2008)
27	Basement - Gas Meter Room	Red Sealant @ Vertical Joint @ Foundation Wall	Non-ACM	-	-	
28		White Paint on Brick Foundation Walls	Non-ACM	-	-	
29		Vapor Barrier / Tar / Flashing Behind Inner Face Brick @ Foundation Wall	Assumed ACM	200	-	Inner Face Brick Replacement
30	Basement - Boiler Room	Water Tank Insulation	Non-ACM	-	-	AHERA Report (2008)
31		Condensate Tank Insulation	Non-ACM	-	-	AHERA Report (2008)

ID	Location / Work Area	Suspect Material That Will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
				FT ²	LF	
3	Basement - Boiler Room @ West Foundation Wall	Light Green Paint on Brick Foundation Wall Vapor Barrier / Tar / Flashing Behind Inner Face Brick @ Foundation Wall	Assumed ACM	1,200	-	Approx. 2 Locations @ Face Brick Replacement
4	Basement - Coal Storage Room	Gray Paint on Wood Window Frame Black Paint on Exterior Metal Window Guard Window Glazing Putty	Non-ACM	-	-	No Suspect Exterior Window Frame Caulk Observed
5	Basement - North Blower Room & Oil Tank Room	Concealed Caulk / Mastic Between Window Frame & M.O. Poured Concrete Encasement @ Steel Column / Beams Orange Rust-Inhibitor Coating on Steel Column / Beam Spray-On Fireproofing @ Corrugated Metal Ceiling	Assumed ACM	1	-	No Access - Window Sash Concealed Behind Metal Panels (Putty Assumed to Contain PCBs) ~ Approx. 1 M.O. Approx. 1 M.O. (Caulk Assumed to Contain PCBs) Non-Suspect
6	Basement Level @ Ash Hoist	Orange Paint on Interior/Exterior Sides of Ash Hoist Hatch Tar / Sealant on Interior Side of Ash Hoist Hatch Frame	Non-ACM	-	-	
7	1st Floor Corridor, 2nd Floor Corridor, Auditorium, Room 205, 3rd Floor Corridor, Room 323, 4th Floor Corridor, Rooms 407, 408 & 424 and 5th Floor Corridor.	1' x 1' Ceiling Tile Mastic of 1' x 1' Ceiling Tile	Assumed ACM	-	-	Will not be impacted by Scope of Work AHERA Report (2008)
8	Stairs 'B', 'E' & 'G' @ Roof Bulkheads	Grey Floor Paint (Over Asphalt Sub-Floor) Asphalt Sub-Floor @ Stair Treads / Landings	Non-ACM	-	-	AHERA Report (2008)
9	North & South Roof Bulkheads and Fan Room / Penthouse on Main Roof 'A'	Exterior Beige Paint on Metal Door / Frame	Non-ACM	-	-	AHERA Report (2008)
10		Mortar @ Glass Block Windows	Non-ACM	-	-	AHERA Report (2008)
11		White Exterior Caulk @ Glass Block Windows	Non-ACM	-	-	
12		Concealed Caulk Between Glass Block Windows & M.O.	Assumed ACM	86	-	Approx. 18 M.O.'s (Caulk Assumed to Contain PCBs)
13		White Textured Paint on Exterior Stucco Surfacing Material	Non-ACM	-	-	
14	Roof Fan Room / Penthouse	Cementitious Stucco Material on Exterior Walls Off White Caulk @ Vertical Control Joints Fire Door Insulation (Interior Door from Bulkhead Stair 'E') Mortar of Brick Facade (Original) Mortar of Brick Facade (Recent Repairs) Mortar of Terra-Cotta Cornice Banding	Non-ACM	20	-	No Suspect Materials Observed @ Door Frame - Approx. 1 Door
15	Exterior Façade	Mortar of Limestone Window Sills	Non-ACM	-	-	
16		Beige Caulk of Limestone Window Sills	Non-ACM	-	-	
17		Concealed Flashing / Mastic below Exterior Window Sills	Assumed ACM	200	-	Approx. 50 Window Sills to be Replaced
18		Light Gray Paint on Ground Floor Level Limestone Banding	Non-ACM	-	-	
19		Mortar of Ground Floor Level Limestone Banding	Non-ACM	-	-	
20	Exterior Façade	Exterior Window Frame Caulk (Basement through 5th Floors)	Non-ACM	-	-	AHERA Report (2008)
21		Light Gray Caulk @ Arch Stone Window Surrounds	Non-ACM	-	-	5th Floor Windows
22		Concealed Caulk between Window Frame & M.O.	Assumed ACM	172	-	Approx. 56 M.O.'s @ Face Brick Replacement (Caulk Assumed to Contain PCBs)

PS K29

ASBESTOS ABATEMENT 02081 -74

ID	Location / Work Area	Suspect Material That Will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
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ID	Location / Work Area	Suspect Material That will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
				FT ²	LF	
1	Exterior Sidewalk (Traffic Street)	Poured Concrete Pavement	Non-ACM	-	-	Non-Suspect
2		Cement Patch @ Metal Gate / Atrway	Non-ACM	-	-	
3		Black Paint on Metal Gate / Atrway	Non-ACM	-	-	
4		Asphalt Pavement (Old)	Non-ACM	-	-	
5		Asphalt Pavement (New)	Non-ACM	-	-	Warren & Panzer Rajkot (LIW# 051128) dated 11/9/08
6	Exterior Playground	Asphalt Crack Patch Filler	Non-ACM	-	-	
7		Un-insulated Cast-Iron Storm Drain Lines	Non-ACM	-	-	Non-Suspect
8		Tar @ Gravel Ballast	Non-ACM	-	-	
9		Roof Membrane / Tar Layer Below Ballast	Non-ACM	-	-	
10		Fibrous Roof Insulation	Non-ACM	-	-	
11		Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-	
12		Membrane / Tar Layer Below Insulation	Non-ACM	-	-	
13		Vapor Barrier / Tar on Screed Layer	Non-ACM	-	-	
14		Roof Screed Layer	Non-ACM	-	-	
15		Roof Parimeter Flashing / Tar	Non-ACM	-	-	
16		Mechanical Equipment Flashing / Tar	Non-ACM	-	-	
17		Vent Pipe Flashing / Tar	Non-ACM	-	-	
18		Roof Drain Flashing / Tar	Non-ACM	-	-	
19		Roof Drain Tar	Non-ACM	-	-	
20		White Caulk @ Lower Horizontal Edge of Terra-Cotta Coping Stone	Non-ACM	-	-	
21		Beige Caulk @ Lead Joints of Terra-Cotta Coping Stone	Non-ACM	-	-	
22		Consolidated Flashing / Tar below Terra-Cotta Coping Stones / Stone Ledge Blocks	Assumed ACM	1,180	-	
23		White Caulk @ Metal Cap Flashing	Non-ACM	-	-	
24		Gray Patch Caulk @ Metal Cap Flashing	Non-ACM	-	-	
25		Beige Caulk @ End Seams of Metal Cap Flashing	Non-ACM	-	-	
26		Tar on Metal Cap Flashing	Non-ACM	-	-	
27		White Textured Paint on Stucco Material	Non-ACM	-	-	
28		Camouflous Stucco Material on Parapet Wall	Non-ACM	-	-	
29		Brick Mortar @ Parapet Behind Stucco Coating	Non-ACM	-	-	
30		Mortar @ Coping Stones / Stone Ledge Blocks	Non-ACM	-	-	
31		Off White Caulk @ Vertical Control Joints	Non-ACM	-	-	

Roof 'X' (Main Roof) - Parapet

No.	Location / Work Area	Suspect Material That Will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
				Ft ²	LF	
117	Roof 'B' (Fan Room / Porthouse)	Tar @ Gravel Ballast	Non-ACM	-	-	
118		Roof Membrane / Tar Layer Below Ballast	Non-ACM	-	-	
119		Fibrous Roof Insulation	Non-ACM	-	-	
120		Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-	
121		Membrane/Tar Layer Below Insulation	Non-ACM	-	-	
122		Vapor Barrier / Tar on Scribed Layer	Non-ACM	-	-	
123		Roof Scribed Layer	Non-ACM	-	-	
124		Perimeter Flashing / Tar @ Skylight / Chimney	Non-ACM	-	-	
125		Mechanical Equipment Flashing / Tar	Non-ACM	-	-	
126		Tar @ Vent Pipe	Non-ACM	-	-	
127		Pitch Pocket Tar @ Roof Ladder	Non-ACM	-	-	
128		Chimney Brick Mortar	Non-ACM	-	-	Non-Suspect
129	Clear Silicone Caulk @ Base of Exhaust Fans	Non-ACM	-	-		
130	White Caulk @ Metal Cap Flashing @ Skylight (Type II)	Non-ACM	-	-		
131	White Caulk @ Metal Cap Flashing @ Chimney (Type I)	Non-ACM	-	-		
132	Tar on Metal Fascia / Gutter	Non-ACM	-	-		
133	Chimney Exterior Brick / Terra-Cotta / Limestone Block - Mortar	Non-ACM	-	-		
134	Chimney Flashing / Insulation Behind Terra-Cotta / Limestone Blocks	Assumed ACM	130	-		
135	Tar / Sealant @ Copper Flashing	ACM	10	-		
136	Membrane / Tar / Scribed Below Copper Flashing	Assumed ACM	20	-		
137	White Textured Paint on Cementitious Coating @ Skylight	Non-ACM	-	-		
138	Cementitious Coating @ Skylight	Non-ACM	-	-		
139	Tar @ Gravel Ballast	Non-ACM	-	-		
140	Roof Membrane / Tar Layer Below Ballast	Non-ACM	-	-		
141	Fibrous Roof Insulation	Non-ACM	-	-		
142	Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-		
143	Membrane/Tar Layer Below Insulation	Non-ACM	-	-		
144	Vapor Barrier / Tar on Scribed Layer	Non-ACM	-	-		
145	Roof Scribed Layer	Non-ACM	-	-		
146	Perimeter Flashing / Tar @ Main Roof Parapet	Non-ACM	-	-		
147	Vent Pipe Tar	Non-ACM	-	-		
148	Pitch Pocket Tar @ Roof Ladder	Non-ACM	-	-		
149	White Caulk @ Metal Cap Flashing	Non-ACM	-	-		
150	Tar on Metal Fascia / Gutter	Non-ACM	-	-		

Roof 'C' (North Bulkhead)

ID	Location / Work Area	Suspect Material That Will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
				FT ²	LF	
101	Roof 'D' (South Bulkhead)	Tar @ Stone Ballast	Non-ACM	-	-	
102		Roof Membrane / Tar Layer Below Ballast	Non-ACM	-	-	
103		Fibrous Roof Insulation	Non-ACM	-	-	
104		Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-	
105		Membrane/ Tar Layer Below Insulation	Non-ACM	-	-	
106		Vapor Barrier / Tar on Screed Layer	Non-ACM	-	-	
107		Roof Screed Layer	Non-ACM	-	-	
108		Perimeter Flashing / Tar @ Main Roof Parapet	Non-ACM	-	-	
109		Pitch Pocket Tar @ Roof Ladder	Non-ACM	-	-	
110		White Caulk @ Metal Cap Flashing	Non-ACM	-	-	
111	Roof 'M' - Flat Roof (Bulkhead @ Stair 'E')	Tar on Metal Fascia / Gutter	Non-ACM	-	-	
112		Tar @ Stone Ballast	Non-ACM	-	-	
113		Roof Membrane / Tar Layer Below Ballast	Non-ACM	-	-	
114		Fibrous Roof Insulation	Non-ACM	-	-	
115		Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-	
116		Membrane/ Tar Layer Below Insulation	Non-ACM	-	-	
117		Vapor Barrier / Tar on Screed Layer	Non-ACM	-	-	
118		Roof Screed Layer	Non-ACM	-	-	
119		Perimeter Flashing / Tar @ Penthouse Wall	Non-ACM	-	-	
120		White Cap Flashing Caulk	Non-ACM	-	-	
121	Roof 'M' - Sloped Metal Roof (Bulkhead @ Stair 'E')	Tar on Metal Fascia / Gutter	Non-ACM	-	-	
122		Tar / Sealant on Metal Roof Panels	Non-ACM	-	-	
123		Cementitious Fill Material Below Metal Roof Panels	Non-ACM	-	-	
124		Orange / Gray Paint on Metal Roof Ladders	Non-ACM	-	-	
125		Tar @ Stone Ballast	Non-ACM	-	-	
126		Roof Membrane / Tar Layer	Non-ACM	-	-	
127		Fibrous Roof Insulation	Non-ACM	-	-	
128		Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-	
129		Membrane/ Tar Layer Below Insulation	Non-ACM	-	-	
130		Vapor Barrier / Tar on Screed	Non-ACM	-	-	
131	Roof 'E' (Auditorium Roof)	Roof Screed Layer	Non-ACM	-	-	
132		Perimeter Flashing / Tar	Non-ACM	-	-	
133		Roof Drain Flashing / Tar	Non-ACM	-	-	
134		Galge Paint on Metal Entrance Cage	Non-ACM	-	-	
135		Black Paint on Metal Entrance Cage Landing / Steps	Non-ACM	-	-	

No Other Suspect Materials Observed Below Metal Roof Panels

ID	Location / Work Area	Suspect Material That Will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
				FT ²	LF	
187	Roof 'E' (Auditorium Roof) - Parapet	Lead Caulked Joints @ Terra-Cotta Coping Stones	Non-ACM	-	-	No Suspect Caulk Observed
188		Concealed Flashing / Tar below Terra-Cotta Coping Stones / Stone Ledge Blocks	Assumed ACM	160	-	
189		White Caulk @ Metal Cap Flashing	Non-ACM	-	-	
190		Tar on Metal Cap Flashing / Parapet Wall	Non-ACM	-	-	
191		Tar / Membrane on Brick Parapet Wall	Non-ACM	-	-	
192		Mortar @ Brick Parapet	Non-ACM	-	-	
193		Mortar @ Terra-Cotta Coping Stones / Stone Ledge Blocks	Non-ACM	-	-	
194		Tar @ Stone Ballast	Non-ACM	-	-	
195		Roof Membrane / Tar Layer Below Ballast	Non-ACM	-	-	
196		Fibrous Roof Insulation	Non-ACM	-	-	
197		Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-	
198		Membrane/ Tar Layer Below Insulation	Non-ACM	-	-	
199		Vapor Barrier / Tar on Roof Scream	Non-ACM	-	-	
200		Roof Scream Layer	Non-ACM	-	-	
201	Roof Perimeter Flashing / Tar	ACM	510	-	Approx. 170 LF	
202	Mechanical Equipment Flashing / Tar	Non-ACM	-	-		
203	Vent Pipe Tar	Non-ACM	-	-		
204	Flashing / Tar @ Scurpers	Non-ACM	-	-		
205	Pitch Pocket Tar @ Roof Ladder	Non-ACM	-	-		
206	Gray Paint on Exhaust Fan Covers / Flashing	Non-ACM	-	-		
207	Mortar @ Brick Parapet	Non-ACM	-	-		
208	Mortar @ Terra-Cotta Coping Stone	Non-ACM	-	-		
209	Lead Caulked Joints @ Terra-Cotta Coping Stones	Non-ACM	-	-	No Suspect Caulk Observed	
210	Concealed Flashing / Tar below Terra-Cotta Coping Stones	Assumed ACM	110	-		
211	White Caulk @ Metal Cap Flashing	Non-ACM	-	-		
212	Tar @ Metal Cap Flashing	Non-ACM	-	-		
213	Tar on Brick Parapet Wall (Above Cap Flashing)	ACM	370	-		

#	Location / Work Area	Suspect Material That Will Be Impacted	Sampling & Inspection Results	Quantity of Asbestos Material		Notes
				FT ²	LF	
25		Tar @ Stone Ballast	Non-ACM	-	-	
22		Roof Membrane / Tar Layer Below Ballast	Non-ACM	-	-	
20		Fibrous Roof Insulation	Non-ACM	-	-	
27		Fibrous Backing @ Non-Suspect Synthetic Roof Insulation	Non-ACM	-	-	
23		Membrane / Tar Layer Below Roof Insulation	Non-ACM	-	-	
24		Vapor Barrier / Tar on Roof Sced	Non-ACM	-	-	
26		Roof Sced Layer	Non-ACM	-	-	
21		Roof Perimeter Flashing / Tar	ACM	150	-	Approx. 75 L/F
22		Roof Drain Flashing	Non-ACM	-	-	
27		Roof Drain Tar	Non-ACM	-	-	
28		White Cap Flashing Caulk	Non-ACM	-	-	
24		Tar Coating on Cementitious Covering of Brick Parapet Wall	ACM	70	-	Remove Tar and Cementitious Coating on Parapet Wall as ACM Down to Brick Surface
24		Cementitious Covering of Brick Parapet Wall	ACM - Contaminated Non-ACM	-	-	
27		Mortar @ Brick Parapet Wall	Non-ACM	-	-	
28		Mortar @ Terra-Cotta Coping Stone Joints	Non-ACM	-	-	
28		Concealed Flashing / Tar Below Terra-Cotta Coping Stones	Assumed ACM	45	-	
24		Built-Up Roofing Materials (Including Sced Layer)	Assumed ACM	170	-	
24		Cap Flashing Caulk	Assumed ACM	5	-	Caulk Assumed to Contain PCB's
24		Coping Stone Caulk	Assumed ACM	10	-	Caulk Assumed to Contain PCB's
24		Concealed Flashing / Tar Below Coping Stones	Assumed ACM	30	-	
24		Built-Up Roofing Materials (Including Sced Layer)	Assumed ACM	170	-	
24		Cap Flashing Caulk	Assumed ACM	5	-	Caulk Assumed to Contain PCB's
24		Coping Stone Caulk	Assumed ACM	10	-	Caulk Assumed to Contain PCB's
24		Concealed Flashing / Tar Below Coping Stones	Assumed ACM	30	-	
24		Built-Up Roofing Materials (Including Sced Layer)	Assumed ACM	310	-	
24		Built-Up Roofing Materials (Including Sced Layer)	Assumed ACM	310	-	
24		TOTAL ACM:		10,782	2,722	

Note 1: Assumed Asbestos Containing Materials shall be sampled and analyzed by the State Construction Authority's Consultant for asbestos content prior to its disturbance. The Authority shall be credited for the cost of any assumed materials that are determined to be Non-ACM or Non-Contaminated.

Note 2: All connecting/disconnections to existing electrical panels, ductwork, pull boxes, etc. shall be conducted by a licensed electrician/contractor using proper safety procedures. All electrical work shall be done in accordance with the applicable codes and standards. All electrical work shall be done in accordance with the applicable codes and standards.

Note 3: All selective demolition into inaccessible spaces (i.e., not limited to pipe chases, ceiling plenums, soffits, etc.). Work to be conducted exclusively by the asbestos abatement contractor in the presence of the authority's environmental consultant.

Note 4: Window frames to be removed are assumed to be ACM + PCB contaminated due to the presence of the concealed caulk sealant between the masonry opening/frame and this shall be disposed of as such. All the additional cost to the Authority.

Note 5: All construction materials that are in contact with ACM / Asbestos ACM Tar / Flashing / Caulk / Sealant are considered ACM. Contaminated and shall be disposed of accordingly at no additional cost to the Authority.

Note 6: Where the removal of ACM / Assumed ACM Built-Up Roofing is specified, it shall include the removal of all layers of Membrane, Tar, Insulation, Sceded, etc. Down to the structural deck of the building system. The structural deck shall be free of any debris, Residual Tar, Sceded and Excessives materials and be suitable for the installation of the New Roofing System as per SCA Specifications.

1 = Electrical Wire Installation / Electrical Panel Boards are not accessible to garage without de-energizing and locking out/tagging the electrical system by a licensed electrician contractor.

2 = Floor tiles / mastic and floor fill material's are assumed ACM as they are not provided in the design drawings dated June 15, 2011 and the location of the penetrations will be determined in the field.

3 = Interior Fire Door Insulation is assumed to be masonry. No definition sampling was performed as this would compromise building security.

BND OF SECTION

LIST OF SUBMITTAL

<u>SUBMITTAL</u>	<u>DATE SUBMITTED</u>	<u>DATE APPROVED</u>
Pre-Project Submittal:		
1. Insurance	_____	_____
2. All required bonds	_____	_____
3. List of Subcontractors	_____	_____
4. Health and Safety Plan	_____	_____
5. Proof that all required permits and variances have been obtained.	_____	_____
6. Documentation of Required Qualifications of Workers	_____	_____
7. Proof of a respiratory protection program.	_____	_____
8. Proof of historic airborne fiber data.	_____	_____
9. Proof that a landfill site has been located.	_____	_____
10. MSDS of chemicals to be used on this project. ✓	_____	_____
11. Asbestos Removal and Disposal Work Plan	_____	_____
During Work Submittal:		
1. Schedule of Work Changes	_____	_____
2. Notarized copy of weekly payroll showing a prevailing wage rate has been paid.	_____	_____
3. A "Request For Services" form.	_____	_____
4. Results of all air monitoring performed by the Contractor (OSHA)	_____	_____
5. A certified, signed, and completed copy of each "	_____	_____

1/15/11

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Waste Shipment
Record" form

- 6. A copy of the bound log book

Post Project Submittal:

- 1. A notarized "Release of Liens"
- 2. Proof of payment of prevailing wage rate
- 3. Notarized copies of a daily log.
- 4. Compilation in chronological order of all air monitoring records pertaining to this project.
- 5. Compilation of all completed and signed Waste Shipment Record forms.
- 6. Copies of notifications to applicable agencies.
- 7. Paid invoice verifications for sub-contractor (for Time and Material job), service contract agreement, insurance certificates, copies of the workers licenses (NYS DOL and NYCDEP), and other submittal required for the Specification.
