Asset:	P.S. 1 - BRO	OKLYN, 309	47 STREET, No	ew York, 1122	0			
Inspection I			<u> </u>			Time In		Last Edited
ME : K0	01 Mechanical					2024-01-	11 8:01 AM	2024-01-24 1:23 Pl
Asset Data								
Question					Answer			
Are there fuel	tanks?				No			
Total # of wat	ter main service er	ntries to the asset			2			
MERs/Fan Ro	ooms Locations				MER B16			
Are there any	spaces with Missi	ing or Defective	CO Detectors?		No			
Are there any Emergency Stop Switches with Missing Hammers?				No				
Are there any Painted/Obstructed Sprinkler Heads?				Yes				
Location(s)					Paint Stora	ige Room, Rooms B	02, 6B	
Have any Systems/Major Building Components been upgraded?					Yes			
					Systems:	DX Split System Split System - Ou		for Kitchen (3 of 5), DX of 6)
					Years:	2023		
					Systems:	Exhaust Fans (60	%)	
					Years: Systems:			for Camera Room (1 of 5
						DX Split System	- Outdoor Uni	t (1 of 6)
					Years:	2018		
					Systems:	Fixtures: Toilets		
					Years:	2017		G
					Systems:	Water System; G F&T/Steam Drip Piping (60%); Ste System; Termina	as System; Hy Traps; MER S eam Condensat I Unit Thermos	team and Condensate te Return Pumping
					Years:	2015		
					Systems: Years:	Kitchen - Grease 2014	Trap	
					Systems:			t (1 of 6); Cooling Coil is
					Years:	2013		
riority Conditi	ion							
Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
Yes	Defective Boiler Safety Auxiliary		HEATING PLANT   Boiler Auxiliaries   Boiler Safety Valve	Boiler Room / Boilers #1, #2	Scott Rittenhouse	Custodian	Sent to DSF	
nspection								
Question					Respons	se		
Mechanical								
AIR CONDI	TIONING				Inspecte	d		
	ater System				Does not			
	<u> </u>	ion: Pinina Pur	nps and Auxiliario	•c	Does not			
		ion, i iping, i ui	nps and Auxillal R	no.				
	oil in Ductwork				Inspecte			
Condition					1 - Good			
	ficiency					riencies recorded		
Cooling To	ower			Page 1	Does not	t EXIST		Print Date: 6/25/202

uestion	Response
AIR CONDITIONING	*
Cooling Tower	
DX Split System	Inspected
Indoor Unit	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Outdoor Unit	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Dry Cooler	Does not Exist
Packaged / Rooftop Unit	Does not Exist
Packaged Terminal A/C	Does not Exist
Refrigerant Leak Detection System	Does not Exist
Refrigerant Piping	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Return Fan	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist
CLIMATE CONTROL SYSTEM	Inspected
BMS	Inspected
Instance	Throughout
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Installation Year	2015
Source of Installation	Documented
Deficiency	DEFECTIVE TEMPERATURE CONTROL THERMOSTAT
Deficiency Location/Instance	Rooms 107, 139, Locker Room
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Pneumatic System	Does not Exist
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Does not Exist
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Inspected

chanical Inspection	K001
Question	Response
CONVEYING	
Non-auditorium Handicap Lift - Stair	Inspected
Are all the existing non-auditorium handicap stair lifts operable?	Yes
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Ash Hoist	Does not Exist
Sidewalk Elevator	Does not Exist
DOMESTIC WATER SYSTEM	Inspected
Domestic Cold Water System	Inspected
Gravity System	Does not Exist
Pressure Booster System	Does not Exist
Water Service	Inspected
Instance	Room 4B
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	Room 4B
Deficiency Quantity	1 FACH
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Instance	46th Street Shed
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	WATER MAIN: MISSING BACKFLOW PREVENTION DEVICE
Deficiency Location/Instance	46th Street Shed
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Domestic Water Heat Exchanger	Does not Exist
Electric Domestic Water Heater	Does not Exist
Heat Pump Domestic Water Heater	Does not Exist
Gas Fired Domestic Water Heater	Inspected
Instance	Boiler Room
Instance Condition	2 - Between Good and Fair
Instance Quantity	1

uestion	Response
DOMESTIC WATER SYSTEM	
Domestic Hot Water System	
Gas Fired Domestic Water Heater	
Instance Quantity Uom	EACH
Instance Manufacturer	Lochinvar
Equipment	N/A
Capacity/Size Quantity	300
Capacity/Size UOM	MBH Input
Capacity/Size2 Quantity	0
Capacity/Size2 UOM	Gallons
Source of Capacity/Size	Documented
Installation Year	2015
Source of Installation	Documented
Deficiency	No deficiencies recorded
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	Room 5B
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Sewage/Waste/Vent Piping	Inspected
Condition	3 - Fair
Deficiency	SEWAGE/WASTE PIPING: DEFECTIVE/LEAKS
Deficiency Location/Instance	MER B16
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Sewage Ejector Pump	Does not Exist
Sump Pump	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist
FIXTURES	Inspected

anical Inspection	K00
estion	Response
IXTURES	
Staff And Other	
Janitor Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC
Deficiency Location/Instance	Kitchen Slop Sink
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Lavatory/Sink	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC
Deficiency Location/Instance	Kitchen / Handwashing Sink
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Toilet	Inspected
Condition	1 - Good
Deficiency	CRACKED/PHYSICAL DAMAGE
Deficiency Location/Instance	Kitchen Staff Women's Toilet Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Urinal	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Student	Inspected
Drinking Fountain	Inspected
Condition	3 - Fair
Deficiency	DEFECTIVE AUXILIARY (FAUCET, SHUT OFF VALVE,ETC
Deficiency Location/Instance	Gymnasium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
	PRIORITY 3
Urgency of Action	
Urgency of Action Purpose of Action	LEVEL 2

uestion	Response	
FIXTURES	•	
Student		
Drinking Fountain	Inspected	
Violations	No violations recorded.	
Lavatory/Sink	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Locker Room Shower	Inspected	
Instance on 2nd Floor	Inaccessible	
Sink And Fountain Combo Unit	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	1 - Good	
Deficiency	CRACKED/PHYSICAL DAMAGE	
Deficiency Location/Instance	Boys Toilet Room in the Gymnasium	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Urinal	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
GAS FIRED FURNACE	Does not Exist	
GAS SERVICE	Inspected	
Gas Distribution Piping	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Gas Meter Room Exhaust Fan	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Gas Meter Room Vent	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Gas Pressure Booster	Does not Exist	
CO/Gas Leak Detection	Inspected	
Instance	Boiler Room, Gas Meter Room	
Instance Condition	2 - Between Good and Fair	
Instance Quantity	1	
Instance Quantity Uom	ЕАСН	
Installation Year	2015	
Source of Installation	Documented  No deficiencies recorded	
Deficiency	No deficiencies recorded	
HEATING	Inspected	
Heating Coil In Ductwork	Inspected 3 - Fair	

stion	Response	
EATING		
Heating Coil In Ductwork	Inspected	
Deficiency	No deficiencies recorded	
Hydronic Heating	Inspected	
Hydronic Hot Water Distribution: Piping, Pumps and Auxiliaries	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Backflow Preventer	Does not Exist	
Hot Water Heat Exchanger	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Radiator/Convector/Fin Tube	Inspected	
Condition	3 - Fair	
Deficiency	FIN TUBE: DAMAGED GUARD/SHIELD	_
Deficiency Location/Instance	Cafeteria	
Deficiency Quantity	50	
Quantity Uom	L.F.	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Steam Heating	Inspected	
F&T/Steam Drip Trap	Inspected	
Condition	3 - Fair	_
Deficiency	DEFECTIVE/DETERIORATED	_
Deficiency Location/Instance	MER B16, Boiler Room, Basement (50%)	
Deficiency Quantity	10	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
MER Steam and Condensate Piping	Inspected	
Condition	2 - Between Good and Fair  No deficiencies recorded	
Deficiency Steam Condensate Return Piping		_
Condition Condition	Inspected 3 - Fair	
	DEFECTIVE/LEAKS	
Deficiency  Deficiency		
Deficiency Location/Instance	Basement Electrical Room	
Deficiency Quantity	10	
Quantity Uom	L.F.	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	

Response
Inspected
1 - Good
No deficiencies recorded
Inspected
3 - Fair
DEFECTIVE/LEAKS
Kitchen, Room 235, Exit 9
40
L.F.
REPLACE
PRIORITY 3
LEVEL 2
No photo recorded
No violations recorded.
Inspected
4 - Between Fair and Poor
DEFECTIVE/DETERIORATED
Various locations (70%)
90
EACH
REPLACE
PRIORITY 3
LEVEL 2
No photo recorded
No violations recorded.
Does not Exist
Inspected
1 - Good
No deficiencies recorded
Inspected
9,052
MBH Net
Inspected
Gas
N/A Yes
Yes
Yes Webster
JB3G-50-LMV37-S-M.25VGD-UL-IRI
Inspected
Inspected
Inspected
1 - Good
No deficiencies recorded
Inspected
1 - Good

nanical Inspection		K0
estion	Response	
EATING PLANT		
Boiler Auxiliaries		
Boiler Feedwater System		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Feedwater Treatment(Automatic)		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Flue Exhaust		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	DAMAGED/MISSING INSULATION	
Deficiency Location/Instance	Boiler Room	
Deficiency Quantity	10	
Quantity Uom	L.F.	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Boiler Safety Valve		
Instance on Basement	Inspected	
Condition	5 - Poor	
Deficiency	DEFECTIVE	
Deficiency Location/Instance		
	Boiler Room / Boilers #1, #2	
Deficiency Quantity	EACH	
Quantity Uom Potential Action	REPLACE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Deficiency Photo 1	No photo recorded	
Violations	No violations recorded.	
Boiler System	Inspected	
Instance on Basement	Inspected	
Coal-fired Boiler		<del></del>
Instance on Basement	Does not Exist	
Hot Water Boiler		
Instance on Basement	Does not Exist	
Modular Boiler		
Instance on Basement	Does not Exist	

estion	Response	
IEATING PLANT		
Boiler System		
Steam Boiler		
Instance on Basement	Inspected	
Instance	Boiler Room	
Instance Condition	1 - Good	
Instance Quantity	4,526	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	Burnham	
Equipment	51469-01	
Capacity/Size Quantity	5,830	
Capacity/Size UOM	MBH Gross	
Source of Capacity/Size	Documented	
Installation Year	2015	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Boiler Room	
Instance Condition	1 - Good	
Instance Quantity	4,526	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	Burnham	
Equipment	51469-02	
Capacity/Size Quantity	5,830	
Capacity/Size UOM	MBH Gross	
Source of Capacity/Size	Documented	
Installation Year	2015	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Fuel System	Inspected	
Instance on Basement	Inspected	
Boiler Fresh Air Louver/Damper	•	
Do Boiler Combustion Air Louvers exist?	Yes	
Туре	Automatic	
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Burner/Burner Control Panel		
Instance on Basement	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Fuel Oil Storage/Supply System		
Instance on Basement	Does not Exist	
Gas Trains And Vent At The Boiler		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Enclosed IDF Room	Inspected	

estion	Response	
nclosed IDF Room	-	
Dedicated A/C Equipment	Inspected	
Instance on Room 230	Inspected	
Condition	4 - Between Fair and Poor	
Deficiency	DOES NOT EXIST	
Deficiency Location/Instance	Room 230	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	INSTALL	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 2	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
ITCHEN	Inspected	
Instance on Basement	Inspected	
CO Detector	Inspected	
Instance on Basement	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Gas System	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Grease Trap	Inspected	
Instance on Basement	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Hood	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Fan	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Fire Suppression System	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hot Water Temperature Booster	Does not Exist	
Instance on Basement	Does not Exist	
Kitchen Sink	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	
COMMITTOR	5 - Fan	
Deficiency	MISSING AIR GAP	

uestion	Response	
KITCHEN	Response	
Kitchen Sink		
Deficiency Quantity	2	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 3	
Purpose of Action	LEVEL 4	
Deficiency Photo1	No photo recorded	
Violations	SF97054	
MDF Room	Inspected	
Instance on Room 112 in Courtyard	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on Room 112 in Courtyard	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
SCIENCE DEMO ROOM	Does not Exist	
SCIENCE LAB	Does not Exist	
SCIENCE PREP ROOM	Does not Exist	
SPRINKLERS, STANDPIPE, FIRE SYSTEM	Inspected	
Dry Sprinkler Alarm Valve Assembly	Does not Exist	
Wet Sprinkler Alarm Valve Assembly	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Fire Booster Pump Assembly	Does not Exist	
Roof Tank	Does not Exist	
Siamese Connection	Does not Exist	
Sprinkler Head	Inspected	
Condition	3 - Fair	
Deficiency	DEFECTIVE/DETERIORATED	
Deficiency Location/Instance	Paint Storage Room, Rooms B02, 6B	
Deficiency Quantity	8	
Quantity Uom	EACH	
Potential Action	REPLACE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Sprinkler Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Standpipe System	Does not Exist	
Water Gong	Does not Exist	
SWIMMING POOL	Does not Exist	
VENTILATION	Inspected	
Is the building mechanically ventilated?	Partial	
Exhaust Fan	Inspected	
Approximate Total # of Fans  Condition	1-25	
Londition	2 - Between Good and Fair	

#### **Building Condition Assessment Survey 2023 - 2024**

K001 Mechanical Inspection Question Response VENTILATION **Heating And Ventilating Unit** Inspected Condition 3 - Fair Deficiency No deficiencies recorded Metal Ductwork Inspected Are there any uninsulated ductwork by design in Mechanical Rooms? Yes Are there chain operated dampers? No 3 - Fair Condition Deficiency No deficiencies recorded **Supply Fan** Inspected Approximate Total # of Fans 1-5 3 - Fair Condition Deficiency No deficiencies recorded **Unit Ventilator** Inspected Condition 3 - Fair Deficiency No deficiencies recorded