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

#### Mechanical Inspection

	222 (ECC) - QUEEN	<b>5, 00-15 5/11</b>	VENUE, New	Y Ork, 115/2		
Inspection Id Insp	pection Type				Time In	Last Edited
ME: Q222 Mee	chanical				2023-12-05 11:50 AM	2023-12-13 2:39 P
set Data						
Question				Answer		
Are there fuel tanks?				Yes		
Total # of above groun				2		
	ove ground tanks in gal.			5,275		
Total # of below groun				0		
	low ground tanks in gal.			0		
	ervice entries to the asse	t		3		
MERs/Fan Rooms Locations				MER P01, Chiller Room P02, Fire Booster Pump Assembly Room C09		
Are there any spaces w	ith Missing or Defective	CO Detectors?		Yes		
Location(s)				Kitchen, E	mergency Generator Room P04	
Are there any Emerger	cy Stop Switches with N	Aissing Hammers?		No		
Are there any Painted/	Obstructed Sprinkler Hea	ads?		Yes		
Location(s)				Main Entra	ince	
Have any Systems/Maj	or Building Components	s been upgraded?		Yes		
				Systems:	Unit Ventilator in Room 204	
				Years:	2023	
				Systems:	Kitchen - Grease Trap; Termina	l Unit Thermostatic Tr
				Years:	2022	
				Systems:	MDF Room - Dedicated A/C Ec System)	uipment (DX Split
				Years:	2021	
				Systems:	Boiler Safety Valves	
				Years:	2020	
				Systems:	Kitchen - Gas System; Electric I Boiler Room	Domestic Water Heater
				Years:	2019	
				Systems:	Electric Domestic Water Heater Temperature Booster	in Kitchen; Hot Water
				Years:	2018	
ority Condition						
Priority Priority Condition Exist Categor Last Year?		Component Affected	Location Description	Person(s) Notified	Person(s) Title Status	PhotoImage
No condition recorded						
spection						
Question				Respons	se	
Mechanical						
AIR CONDITIONIN	G			Inspected	t	
Chilled Water Syste	m			Inspected	ł	
Absorption Chille	r.			Does not	Exist	
Air Cooled Chille	r			Inspected	d	
				Chiller R	Room P02	
Instance				3 - Fair		
Instance Instance Co	ndition					
				1		
Instance Co Instance Qu	antity					
Instance Co	antity antity Uom			1 EACH R-22		

Equipment

CH-2

uestion	Response	
AIR CONDITIONING	*	
Chilled Water System		
Air Cooled Chiller		
Capacity/Size Quantity	40	
Capacity/Size UOM	Tons	
Source of Capacity/Size	Inspector Estimate	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Chiller Room P02	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Refrigerant Type	R-22	
Instance Manufacturer	Trane	
Equipment	CH-1	
Capacity/Size Quantity	40	
Capacity/Size UOM	Tons	
Source of Capacity/Size	Inspector Estimate	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Air Cooled Condenser	Inspected	
Instance	Penthouse Roof	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Trane	
Equipment	ACCU-1	
Capacity/Size Quantity	40	
Capacity/Size UOM	Tons	
Source of Capacity/Size	Inspector Estimate	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Penthouse Roof	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Trane	
Equipment	ACCU-2	
Capacity/Size Quantity	40	
Capacity/Size UOM	Tons	
Source of Capacity/Size	Inspector Estimate	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Chilled Water Distribution: Piping, Pumps and Auxiliaries	Inspected	

stion	Response	
R CONDITIONING		
Chilled Water System		
Chilled Water Distribution: Piping, Pumps and Auxiliaries	Inspected	
Deficiency	No deficiencies recorded	
Backflow Preventer	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Central Station Air Handler	Inspected	
Instance	MER P01	
Instance Condition	3 - Fair	
Instance Quantity	2	
Instance Quantity Uom	EACH	
Instance Manufacturer	Trane	
Equipment	AHU-1, AHU-2	
Capacity/Size Quantity	5	
Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size	Documented	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	MER P01	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Trane	
Equipment	AHU-6	
Capacity/Size Quantity	3	
Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size	Documented	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	MER P01	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Trane	
Equipment	AHU-3	
Capacity/Size Quantity	15	
Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size	Documented	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	MER P01	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	

estion	Response	
IR CONDITIONING		
Chilled Water System		
Central Station Air Handler	Inspected	
Equipment	AHU-4	
Capacity/Size Quantity	20	
Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size	Documented	
Installation Year	2002	·
Source of Installation	Documented	
Deficiency	No deficiencies recorded	·
Instance	MER P01	
Instance Condition	3 - Fair	
Instance Quantity	1	
Instance Quantity Uom	EACH	
Instance Manufacturer	Trane	
Equipment	AHU-5	
Capacity/Size Quantity	8	
Capacity/Size UOM	Fan Motor HP	
Source of Capacity/Size	Documented	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Fan Coil Unit	Does not Exist	
Packaged Air Cooled Chiller	Does not Exist	
Water Cooled Chiller	Does not Exist	
Condenser Water Distribution: Piping, Pumps and Auxiliaries	Does not Exist	
Cooling Coil in Ductwork	Does not Exist	
Cooling Tower	Does not Exist	
DX Split System	Inspected	
Indoor Unit	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Outdoor Unit	Inspected	·
Condition	3 - Fair	
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	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Refrigerant Piping	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Return Fan	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
ENTRAL ACID WASTE NEUTRALIZING TANK	Does not Exist	

iestion	Response
CLIMATE CONTROL SYSTEM	
BMS	Does not Exist
Pneumatic System	Inspected
Instance	Throughout
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Building Area Covered by Operational System	81-100%
Deficiency	DEFECTIVE TEMPERATURE CONTROL ZONE VALVE
Deficiency Location/Instance	MER P01
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.
Deficiency	DEFECTIVE PNEUMATIC PRV STATION
Deficiency Location/Instance	MER P01
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.
Hybrid System	Does not Exist
Electric System	Does not Exist
COMPACTOR	Does not Exist
CONVEYING	Inspected
Dumbwaiter	Does not Exist
Elevator	Inspected
Are all the existing elevators operable?	Yes
Condition	3 - Fair
Deficiency	No deficiencies recorded
Escalator	Does not Exist
Non-auditorium Handicap Lift - Vertical	Does not Exist
Non-auditorium Handicap Lift - Stair	Does not Exist
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	Inspected
Electric Pressure Booster System	Inspected
Instance	Room C07
Instance Condition	3 - Fair

nection	Demonso
uestion	Response
DOMESTIC WATER SYSTEM Domestic Cold Water System	
Pressure Booster System	
Electric Pressure Booster System	
Instance Quantity Uom	EACH
Instance Manufacturer	Canariis
Equipment	BOOSTER PUMP
Capacity/Size Quantity	3
Capacity/Size UOM	Total # Pumps
Capacity/Size2 Quantity	13
Capacity/Size2 UOM	Total Pumps HP
Source of Capacity/Size	Documented
Installation Year	2002
Source of Installation	Documented
Deficiency	No deficiencies recorded
Hydraulic/Pneumatic Booster System	Does not Exist
Water Service	Inspected
Instance	Boiler Room (RPZ in Kitchen Closet 102H)
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Room C07 (Domestic, RPZ in Custodian's Office)
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Instance	Room C07 (Sprinkler)
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Deficiency	No deficiencies recorded
Domestic Hot Water System	Inspected
Domestic Hot Water Remote Storage Tank	Under Construction
Domestic Water Heat Exchanger	Does not Exist
Electric Domestic Water Heater	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Gas Fired Domestic Water Heater	Under Construction
Heat Pump Domestic Water Heater	Does not Exist
Oil Fired Domestic Water Heater	Does not Exist
Domestic Water Distribution Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
DRAIN/WASTE/VENT AND STORM SYSTEM	Inspected
Interior Storm Piping	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

uestion	Response	
DRAIN/WASTE/VENT AND STORM SYSTEM		
Sewage/Waste/Vent Piping	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Sewage Ejector Pump	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Sump Pump	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
DUAL TEMPERATURE SYSTEM (CHILLED AND HOT WATER)	Does not Exist	
FIXTURES	Inspected	
Staff And Other	Inspected	
Janitor Sink	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Urinal	Does not Exist	
Student	Inspected	
Drinking Fountain	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Lavatory/Sink	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Locker Room Shower	Does not Exist	
Sink And Fountain Combo Unit	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Toilet	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Urinal	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
GAS FIRED FURNACE	Does not Exist	
GAS SERVICE	Inspected	
Gas Distribution Piping	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Gas Meter Room Exhaust Fan	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	

iestion	Response
GAS SERVICE	
Gas Meter Room Vent	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Gas Pressure Booster	Does not Exist
CO/Gas Leak Detection	Inspected
Instance	Boiler Room, Gas Meter Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Installation Year	2002
Source of Installation	Documented
Deficiency	No deficiencies recorded
IEATING	Inspected
Heating Coil In Ductwork	Does not Exist
Hydronic Heating	Does not Exist
Radiator/Convector/Fin Tube	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Steam Heating	Inspected
F&T/Steam Drip Trap	Inspected
Condition	4 - Between Fair and Poor
Deficiency	DEFECTIVE/DETERIORATED
Deficiency Location/Instance	MER P01 (50%)
Deficiency Quantity	14
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	3 - Fair
Deficiency	DAMAGED/MISSING INSULATION
Deficiency Location/Instance	MER P01
Deficiency Quantity	20
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.
Definiency	
Deficiency	DEFECTIVE/LEAKS
Deficiency Location/Instance	MER P01 / AHU-5
Deficiency Quantity	10
Quantity Uom	L.F.
Potential Action	REPLACE
Urgency of Action Purpose of Action	PRIORITY 3 LEVEL 2

uestion	Response	
HEATING		
Steam Heating		
MER Steam and Condensate Piping	Inspected	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Steam Condensate Return Piping	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	DAMAGED/MISSING INSULATION	
Deficiency Location/Instance	MER P01	
Deficiency Quantity	20	
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 Condensate Return Pumping System	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Steam Piping	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Terminal Unit Thermostatic Trap	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Steam supplied by External Sources	Does not Exist	
Unit Heater/Cabinet Heater	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
HEATING PLANT	Inspected	
Replacement Quantity	3,638	
Replacement Uom	MBH Net	
Instance on Basement	Inspected	
Burner Type	Dual Fuel (Gas/Oil)	
Heating Plant Oil Number Is there a water meter on the boiler make-up water piping?	2(B10) Yes	
Observed Operational?	Yes	
Burner Exists?	Yes	
Burner Manufacturer Burner Model Number	Gordon-Piatt F10-G0-15	
Boiler Auxiliaries	Inspected	
Instance on Basement	Inspected	
Boiler Auxiliary Piping	Inspected	
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Emergency Stop Switch		
Instance on Basement	Inspected	
Condition	3 - Fair	
	No deficiencies recorded	
Deficiency		

estion	Response	
HEATING PLANT	•	
Boiler Auxiliaries		
Boiler Feedwater System		
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Feedwater Treatment(Automatic)		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Flue Exhaust		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Make-up Water Backflow Preventer		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Room Steam And Condensate Piping		
Instance on Basement	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Boiler Safety Valve		
Instance on Basement	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Boiler System	Inspected	
Instance on Basement	Inspected	
Coal-fired Boiler		
Instance on Basement	Does not Exist	
Hot Water Boiler		
Instance on Basement	Does not Exist	
Modular Boiler		
Instance on Basement	Does not Exist	
Steam Boiler		
Instance on Basement	Inspected	
Instance	Boiler Room	
Instance Condition	3 - Fair	
Instance Quantity	1,819	
Instance Quantity Uom	MBH Net	
Cast Iron Boiler?	No	
Instance Manufacturer	A. L. Eastmond & Sons Inc.	
Equipment	A. L. Eastmond & Sons Inc. 112037-01	
Equipment Capacity/Size Quantity	1,819	
Capacity/Size UOM	MBH Net	
Source of Capacity/Size	Documented	
Installation Year	2002	
Source of Installation	Documented	
Deficiency	No deficiencies recorded	
Instance	Boiler Room	

Response 1,819 MBH Net No A. L. Eastmond & Sons Inc. 112037-02 1,819 MBH Net Documented 2002
MBH Net No A. L. Eastmond & Sons Inc. 112037-02 1,819 MBH Net Documented 2002
MBH Net No A. L. Eastmond & Sons Inc. 112037-02 1,819 MBH Net Documented 2002
MBH Net No A. L. Eastmond & Sons Inc. 112037-02 1,819 MBH Net Documented 2002
MBH Net No A. L. Eastmond & Sons Inc. 112037-02 1,819 MBH Net Documented 2002
No A. L. Eastmond & Sons Inc. 112037-02 1,819 MBH Net Documented 2002
A. L. Eastmond & Sons Inc. 112037-02 1,819 MBH Net Documented 2002
112037-02 1,819 MBH Net Documented 2002
1,819 MBH Net Documented 2002
MBH Net Documented 2002
Documented 2002
2002
De munerate 1
Documented
No deficiencies recorded
Inspected
Inspected
Yes
Automatic
Inspected
3 - Fair
No deficiencies recorded
Inspected
3 - Fair
No deficiencies recorded
Inspected
3 - Fair
No deficiencies recorded
Inspected
3 - Fair
No deficiencies recorded
Inspected
Inspected
Inspected
Inspected
4 - Between Fair and Poor
DOES NOT EXIST
Rooms 116, 208, 312, 411
4
EACH
INSTALL
PRIORITY 3
PRIORITY 3
PRIORITY 3 LEVEL 2

uestion	Response	
KITCHEN	•	
CO Detector	Inspected	
Instance on 1st Floor	Inspected	
Condition	4 - Between Fair and Poor	
Deficiency	DEFECTIVE/MISSING	
Deficiency Location/Instance	Kitchen	
Deficiency Quantity	1	
Quantity Uom	EACH	
Potential Action	MAINTENANCE	
Urgency of Action	PRIORITY 5	
Purpose of Action	LEVEL 6	
Deficiency Photo1	No photo recorded	
Violations	No violations recorded.	
Gas System	Inspected	
Instance on 1st Floor	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Grease Trap	Inspected	
Instance on 1st Floor	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	
Hood	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Ductwork	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Exhaust Fan	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hood Fire Suppression System	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Hot Water Temperature Booster	Inspected	
Instance on 1st Floor	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Kitchen Sink	Inspected	
Instance on 1st Floor	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
MDF Room	Inspected	
Instance on Room C06F	Inspected	
Dedicated A/C Equipment	Inspected	
Instance on Room C06F	Inspected	

Question	Response	
MDF Room	Inspected	
Dedicated A/C Equipment		
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	Does not Exist	
Fire Booster Pump Assembly	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Roof Tank	Does not Exist	
Siamese Connection	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Sprinkler Head	Inspected	
Condition	3 - Fair	
Deficiency	DEFECTIVE/DETERIORATED	
Deficiency Location/Instance	Main Entrance	
Deficiency Quantity	1	
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	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Standpipe System	Inspected	
Hose Valve Assembly	Inspected	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Piping	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Water Gong	Does not Exist	
SWIMMING POOL	Does not Exist	
VENTILATION	Inspected	
Is the building mechanically ventilated?	Yes	
Exhaust Fan	Inspected	
Approximate Total # of Fans	1-25	
Condition	3 - Fair	
Deficiency	No deficiencies recorded	
Heating And Ventilating Unit	Does not Exist	
Metal Ductwork	Inspected	
Are there any uninsulated ductwork by design in Mechanical Rooms? Are there chain operated dampers?	No No	

chanical Inspection		Q222
Question	Response	
VENTILATION		
Metal Ductwork	Inspected	
Condition	2 - Between Good and Fair	
Deficiency	No deficiencies recorded	
Supply Fan	Does not Exist	
Unit Ventilator	Inspected	
Condition	1 - Good	
Deficiency	No deficiencies recorded	