

**NYC Department of Education  
Building Condition Assessment Survey 2023-2024**

**Electrical Inspection**

**X047**

**Asset:** P.S. 47 - BRONX, 1794 EAST 172 STREET, BRONX, NY, 10472

Inspection Id	Inspection Type	Time In	Last Edited
3107	ELECTRICAL	2024-02-09 11:35AM	2024-03-04 10:59AM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Partial Surface Fluorescent Lighting (Corridors) Years: 2023 Systems: Partial LAN Years: 2020 Systems: Partial Molded Case Circuit Breaker Panel Board Years: 2019, 2001 Systems: Lighting - Security Years: 2016, 2009 Systems: Surface Fluorescent Lighting, Retrofitted Pendant Fluorescent Lighting, Partial Emergency Lighting, Exit Lights (Battery Pack), Auditorium (House Lighting, Local Sound System), Kitchen (Lighting) Years: 2016 Systems: Auditorium (Projection System) Years: 2014 Systems: Library, Recessed Fluorescent Lighting Years: 2009 Systems: Emergency Light/Exit Light Panel Years: 2001 Systems: Public Address System, Fire Alarm System, Intrusion Alarm System, Motor Control Center, Service Switch, Switchboard Years: 1997
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration In Electrical Room?	No

**DEDICATED INTERCOMS IN FIRE RESCUE AREAS**

Question	Response
Are there any Life Rescue Assistance Areas, Fire Rescue Areas, and/or Holding Rooms in your building?	No

**Priority Condition**

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image	
		No condition recorded						

**Inspection**

Question	Response
<b>Electrical</b>	
<b>ATHLETIC FIELD</b>	Does not exist
<b>AUDITORIUM</b>	Inspected
Instance on Basement	Inspected
<b>House Lighting</b>	
Instance on Basement	Inspected
Does a Chandelier Exist?	No
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	Does not exist
<b>Surface Mounted</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair

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Question	Response
<b>AUDITORIUM</b>	
<b>House Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
<b>Surface Mounted</b>	
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	Does not exist
<b>Surface Mounted</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Basement	Does not exist
<b>Local Sound System</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Installation Year	2016
Source of Installation Year	Custodial Staff
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Is the projector on a cart or installed on the ceiling?	Ceiling
Deficiency	No deficiencies recorded
<b>Theater Lighting System</b>	
Instance on Basement	Inspected
<b>Dimming System</b>	
Instance on Basement	Does not exist
<b>Theater Lighting</b>	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	24
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>CAFETERIA</b>	
Instance on Basement - East	Inspected
Instance on Basement - West	Inspected
<b>Lighting</b>	
Instance on Basement - East	Inspected
Instance on Basement - West	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement - East	Inspected

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Question	Response
<b>CAFETERIA</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement - West	Inspected
<b>Pendant Mounted</b>	
Instance on Basement - East	Does not exist
Instance on Basement - West	Does not exist
<b>Surface Mounted</b>	
Instance on Basement - East	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Basement - West	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Basement - East	Does not exist
Instance on Basement - West	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Basement - East	Does not exist
Instance on Basement - West	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement - East	Does not exist
Instance on Basement - West	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Basement - East	Does not exist
Instance on Basement - West	Does not exist
<b>Local Sound System</b>	
Instance on Basement - East	Inspected
Instance Condition	5- Poor
Installation Year	1970
Source of Installation Year	Documented
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance on Basement - West	Inspected
Instance Condition	5- Poor
Installation Year	1970
Source of Installation Year	Documented
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Projection System</b>	
Instance on Basement - East	Does not exist
Instance on Basement - West	Does not exist
<b>Theater Lighting System</b>	
Instance on Basement - East	Does not exist
Instance on Basement - West	Does not exist

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Question	Response
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	Inspected
<b>Lighting</b>	Inspected
Does a Chandelier Exist?	No
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<b>COMPUTER LAB</b>	Does not exist
<b>GYMNASIUM</b>	Inspected
Instance on 3rd Floor	Inspected
<b>Lighting</b>	
Instance on 3rd Floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on 3rd Floor	Inspected
<b>Pendant Mounted</b>	
Instance on 3rd Floor	Does not exist
<b>Surface Mounted</b>	
Instance on 3rd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Recessed Mounted</b>	
Instance on 3rd Floor	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on 3rd Floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on 3rd Floor	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on 3rd Floor	Does not exist
<b>Local Sound System</b>	
Instance on 3rd Floor	Inspected
Instance Condition	5- Poor
Installation Year	1979
Source of Installation Year	Documented
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded

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Question	Response
<b>GYMNASIUM</b>	
<b>Projection System</b>	
Instance on 3rd Floor	Does not exist
<b>Scoreboard</b>	
Instance on 3rd Floor	Does not exist
<b>Theater Lighting System</b>	
Instance on 3rd Floor	Does not exist
<b>KITCHEN</b>	Inspected
Instance on Basement	Inspected
<b>Lighting</b>	
Instance on Basement	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Basement	Inspected
<b>Pendant Mounted</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Basement	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Basement	Does not exist
<b>LIBRARY</b>	Inspected
Instance on Room 106	Inspected
<b>Lighting</b>	
Instance on Room 106	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Room 106	Inspected
<b>Pendant Mounted</b>	
Instance on Room 106	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Instance on Room 106	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on Room 106	Does not exist
<b>Lighting Fixture - HID</b>	
Instance on Room 106	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Room 106	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Room 106	Does not exist
<b>Raceway With Receptacles</b>	
Instance on Room 106	Inspected
Instance Condition	3- Fair

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Question	Response
<b>LIBRARY</b>	
<b>Raceway With Receptacles</b>	
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on Room 106	Does not exist
<b>LOCKER ROOM</b>	Does not exist
<b>MULTIPURPOSE ROOM</b>	Does not exist
<b>SCIENCE DEMO ROOM</b>	Does not exist
<b>SCIENCE LAB</b>	Does not exist
<b>SCIENCE PREP ROOM</b>	Does not exist
<b>SWIMMING POOL</b>	Does not exist
<b>TOILET ROOM - STAFF</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not exist
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<b>TOILET ROOM - STUDENT</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Does not exist
<b>Surface Mounted</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not exist
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<b>AUXILIARY SIGNAL/BELL SYSTEM</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>EMERGENCY DC STANDBY BATTERY POWER</b>	Does not exist
<b>EMERGENCY GENERATOR SET</b>	Does not exist
<b>EMERGENCY LIGHT/EXIT LIGHT PANEL</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>EMERGENCY LIGHTING</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Non Battery Pack</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>EXIT LIGHT</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	BATTERY NOT OPERATIONAL
Deficiency Location/Instance	Sub - Basement near Mechanical Area

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Question	Response
<b>EXIT LIGHT</b>	
<b>Battery Pack</b>	
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE BATTERY
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Non Battery Pack</b>	Does not exist
<b>EXIT/EMERGENCY LIGHT</b>	Does not exist
<b>FIRE ALARM SYSTEM</b>	Under construction
<b>GROUNDING SYSTEM</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>INTERCOM SYSTEM</b>	Does not exist
<b>LAN</b>	Inspected
<b>Local Distribution Frame (I/LDF)</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Main Equipment Rack (MDF)</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>LIGHTNING PROTECTION</b>	Does not exist
<b>MOTOR CONTROLLER</b>	Inspected
<b>MOTOR CONTROL CENTER</b>	Inspected
Instance	Sub Basement by Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Square D
EquipmentId	MCC-1
Capacity/Size Quantity	600
Capacity/Size UOM	Amps
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>MOTOR STARTER/CONTACTOR</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Variable Frequency Drive</b>	Does not exist
<b>PANEL BOARD</b>	Inspected
<b>Fused Disconnect Switch Type</b>	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Sub Basement Electrical Closet
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Fused Knife Switch Type</b>	Does not exist

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<b>Question</b>	<b>Response</b>
<b>PANEL BOARD</b>	
<b>Fused Toggle Switch Type</b>	Does not exist
<b>Molded Case Circuit Breaker Type</b>	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Throughout the Building
Deficiency Quantity	11
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>PUBLIC ADDRESS SYSTEM</b>	
	Inspected
Instance	General Office - Room 154
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Rauland Telecenter System 21
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>SECURITY</b>	
	Inspected
<b>IPDVS/CCTV System</b>	Does not exist
<b>Intrusion Alarm System</b>	Inspected
<b>Central Control Panel</b>	Inspected
Instance	Custodian's Office Room - B1
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 50P
Installation Year	1997
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Custodian's Office Room - B1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 3
Violations	No violations recorded
<b>Infrared Sensor</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Panic Switch</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Remote Annunciator</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Siren/Strobe</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting - Security</b>	Inspected
Condition	2- Between Good and Fair



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<b>Question</b>	<b>Response</b>
<b>SECURITY</b>	
<b>Lighting - Security</b>	
Deficiency	No deficiencies recorded
<b>SERVICE SWITCH</b>	
	Inspected
Instance	Electrical Room Sub Basement
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Square D
EquipmentId	N/A
Capacity/Size Quantity	1200
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>SWITCHBOARD</b>	
	Inspected
Number of Spares	3
<b>Fused Disconnect Switch Type</b>	
	Inspected
Instance	Electrical Room Sub Basement
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Square D
EquipmentId	ACCP-2 , ACCP-3
Capacity/Size Quantity	1200
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	1997
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Fused Knife Switch Type</b>	
	Does not exist
<b>Molded Case Circuit Breaker Type</b>	
	Does not exist
<b>TELEPHONE SYSTEM</b>	
	Inspected
<b>PBX/Intercom</b>	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Standard</b>	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>TRANSFORMER</b>	
	Does not exist