

**1 FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 1**  
 SCALE: 3/32"=1'-0"

**REMOVAL NOTES:**

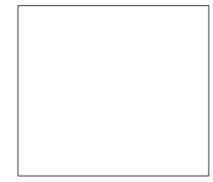
- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
- MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
- THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
- COORDINATE REMOVAL OF POWER TO MECHANICAL EQUIPMENT WITH THE RESPECTIVE CONTRACTOR.
- CONTRACTOR MUST FIELD VERIFY ALL CONNECTIONS PRIOR TO REMOVAL. PROTECT ALL FEEDER AND BRANCH CIRCUITS SERVING OTHER AREAS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY OUTAGES.

**KEYED NOTES:**

- ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING UNIT VENTILATOR AND RETAIN EXISTING WIRING, JUNCTION BOXES TO EXISTING UNIT VENTILATORS. THE EXISTING UNIT VENTILATOR SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING CEILING CASSETTE AND REMOVE EXISTING WIRING, JUNCTION BOXES TO EXISTING CASSETTE BACK TO SOURCE. THE EXISTING CASSETTE SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.
- EXISTING LIGHTING FIXTURE IN CORRIDOR 2 SHALL BE DISCONNECTED AND REMOVED. EXISTING CIRCUIT SHALL REMAIN AND RECONNECTED TO THE NEW LIGHTING FIXTURES. EXTEND WIRING AND CONDUITS AS NECESSARY. REFER TO NEW PLANS FOR THE NEW LIGHTING FIXTURES EXACT LOCATION.



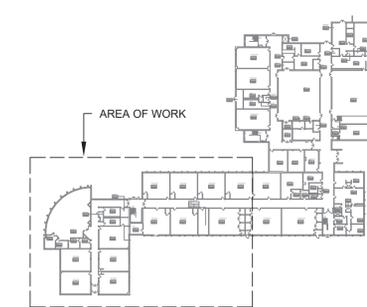
No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS



Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STONY POINT, NY 10901 PROJ. NO. : NY-20000000
	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STONY POINT, NY 10901
Structural Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STONY POINT, NY 10901

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015  
STONY POINT, NY 10980  
 PROJECTED FACILITY



**KEY PLAN**



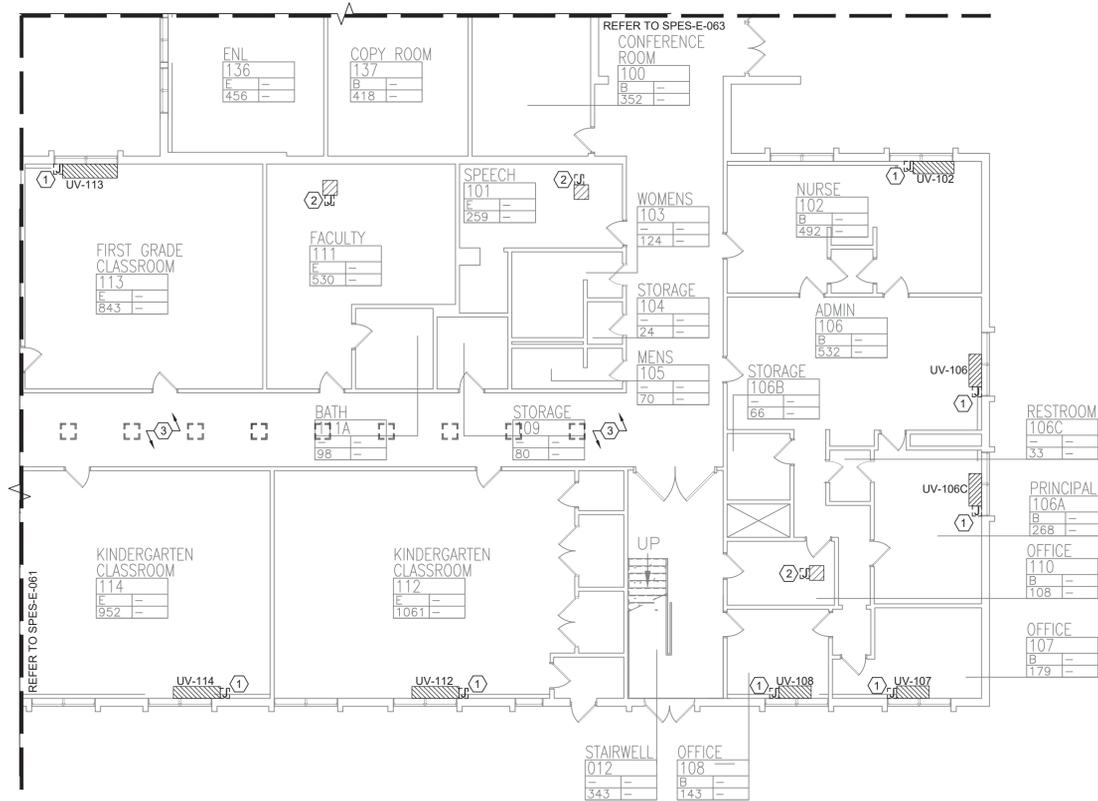
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Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 1**

Drawing No.  
**SPES-E-061**



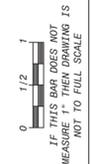
**MICHAEL SHILALE ARCHITECTS, L.L.P.**  
 140 Park Avenue New York, NY 10065 Tel 845-708-9200  
 www.shilale.com



**1 FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 2**  
 SCALE: 3/32"=1'-0"

- REMOVAL NOTES:**
- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
  - MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
  - THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
  - COORDINATE REMOVAL OF POWER TO MECHANICAL EQUIPMENT WITH THE RESPECTIVE CONTRACTOR.
  - CONTRACTOR MUST FIELD VERIFY ALL CONNECTIONS PRIOR TO REMOVAL. PROTECT ALL FEEDER AND BRANCH CIRCUITS SERVING OTHER AREAS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY OUTAGES.

- KEYED NOTES:**
- ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING UNIT VENTILATOR AND RETAIN EXISTING WIRING. JUNCTION BOXES TO EXISTING UNIT VENTILATORS, THE EXISTING UNIT VENTILATOR SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.
  - ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING CEILING CASSETTE AND REMOVE EXISTING WIRING. JUNCTION BOXES TO EXISTING CASSETTE SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.
  - EXISTING LIGHTING FIXTURE IN CORRIDOR 2 SHALL BE DISCONNECTED AND REMOVED. EXISTING CIRCUIT SHALL REMAIN AND RECONNECTED TO THE NEW LIGHTING FIXTURES. EXTEND WIRING AND CONDUITS AS NECESSARY. REFER TO NEW PLANS FOR THE NEW LIGHTING FIXTURES EXACT LOCATION.



No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

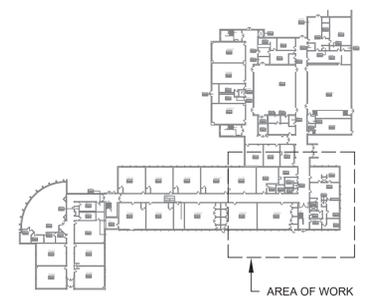
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901 PROJ. NO. : NY-20000600	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901
Mechanical Electrical Engineer:	Structural Engineer:

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**

SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015

STONY POINT, NY 10980  
 PROJECT AND FACILITY



**KEY PLAN**



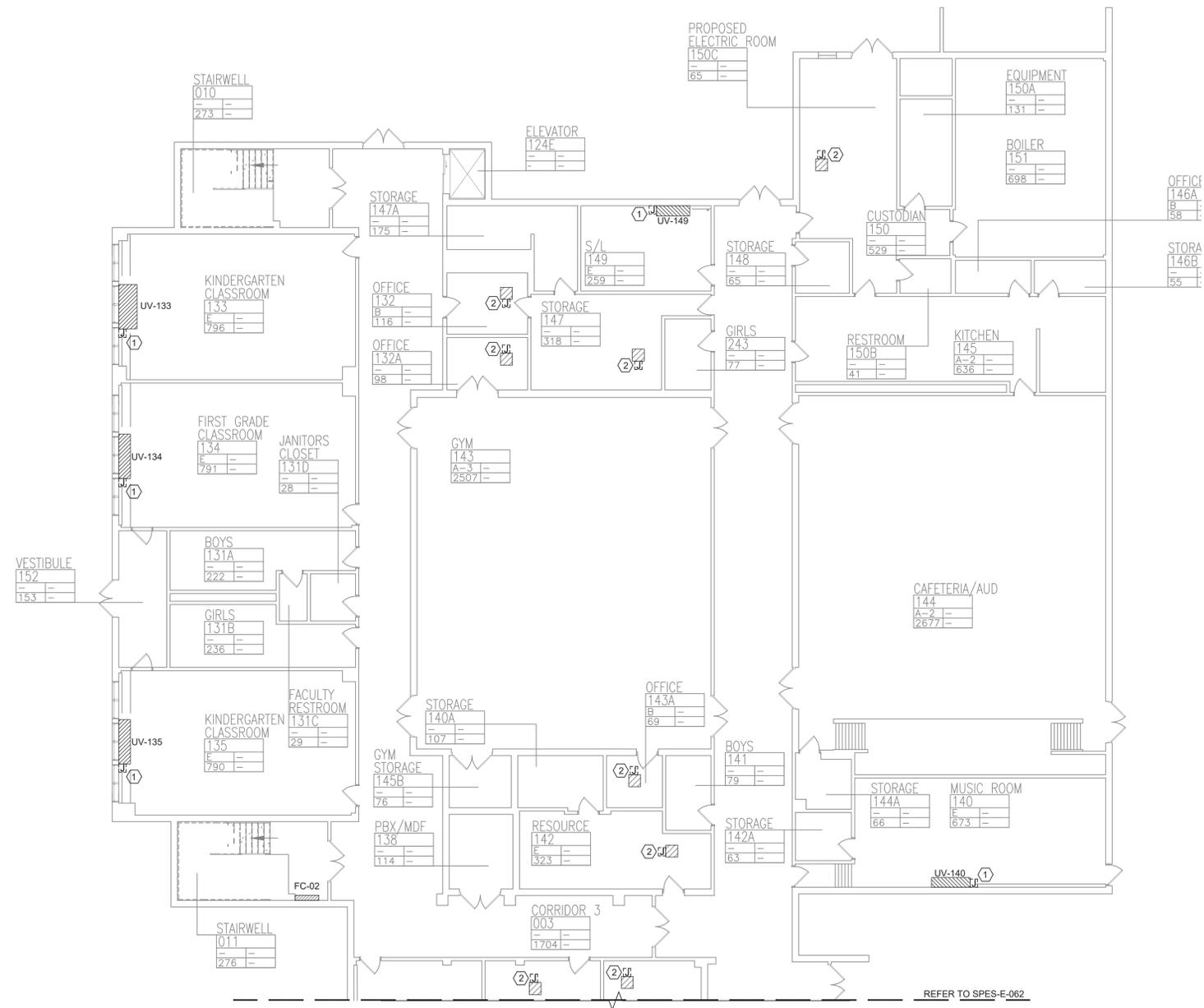
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Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 2**

Drawing No.  
**SPES-E-062**



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 140 Park Avenue New City, NY 10956 Tel 845-708-9200  
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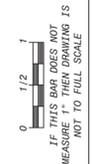


**REMOVAL NOTES:**

- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
- MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
- THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
- COORDINATE REMOVAL OF POWER TO MECHANICAL EQUIPMENT WITH THE RESPECTIVE CONTRACTOR.
- CONTRACTOR MUST FIELD VERIFY ALL CONNECTIONS PRIOR TO REMOVAL. PROTECT ALL FEEDER AND BRANCH CIRCUITS SERVING OTHER AREAS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY OUTAGES.

**KEYED NOTES:**

- ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING UNIT VENTILATOR AND RETAIN EXISTING WIRING. JUNCTION BOXES TO EXISTING UNIT VENTILATORS. THE EXISTING UNIT VENTILATOR SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING CEILING CASSETTE AND REMOVE EXISTING WIRING. JUNCTION BOXES TO EXISTING CASSETTE BACK TO SOURCE. THE EXISTING CASSETTE SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.



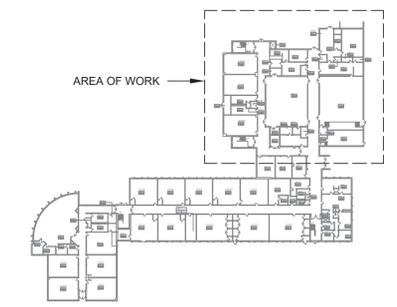
No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> MECHANICAL ELECTRICAL ENGINEER PROJ. NO. : NY-20000800	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL ENGINEER PROJ. NO. : NY-10001
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**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015  
 STONY POINT, NY 10980

**1 FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 3**  
SCALE: 3/32"=1'-0"



KEY PLAN

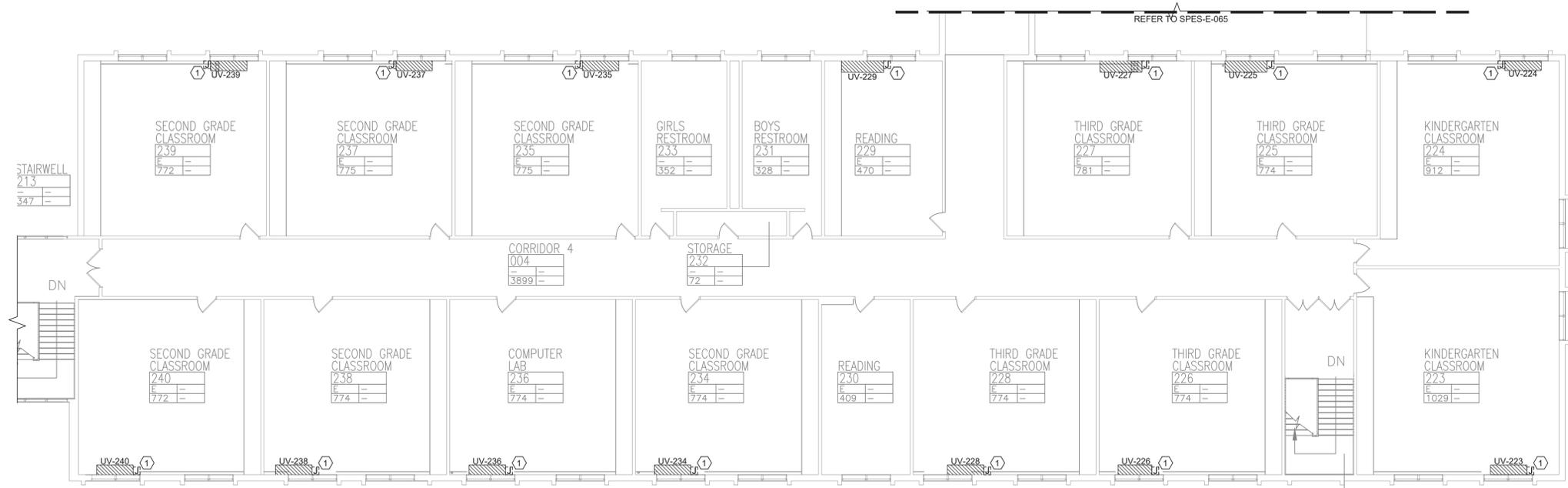


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Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 3**

Drawing No.  
**SPES-E-063**

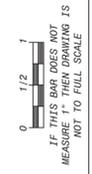




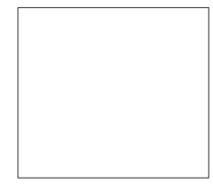
**1 SECOND FLOOR PARTIAL REMOVAL - ELECTRICAL - 1**  
 SCALE: 3/32"=1'-0"

- REMOVAL NOTES:**
- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
  - MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
  - THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
  - COORDINATE REMOVAL OF POWER TO MECHANICAL EQUIPMENT WITH THE RESPECTIVE CONTRACTOR.
  - CONTRACTOR MUST FIELD VERIFY ALL CONNECTIONS PRIOR TO REMOVAL. PROTECT ALL FEEDER AND BRANCH CIRCUITS SERVING OTHER AREAS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY OUTAGES.

- KEYED NOTES:**
- ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING UNIT VENTILATOR AND RETAIN EXISTING WIRING, JUNCTION BOXES TO EXISTING UNIT VENTILATORS. THE EXISTING UNIT VENTILATOR SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.



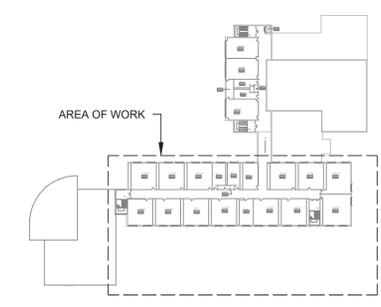
No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS



Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10901 PROJ. NO. : NY-20090800	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10901
Mechanical Electrical Engineer:	Structural Engineer:

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015  
 STONY POINT, NY 10980



KEY PLAN



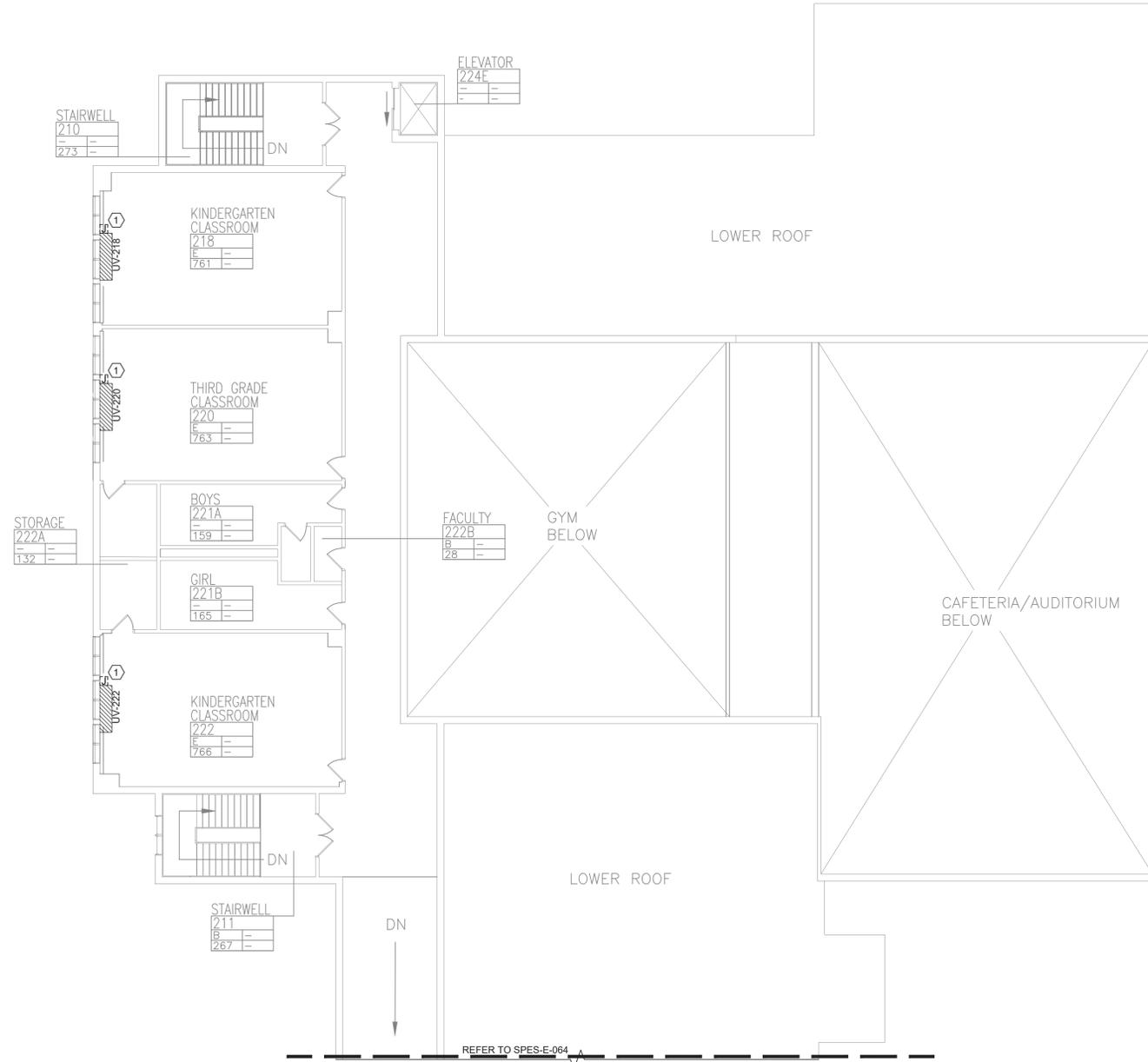
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Drawing Title  
**SECOND FLOOR PARTIAL REMOVAL - ELECTRICAL - 1**

Drawing No.  
**SPES-E-064**



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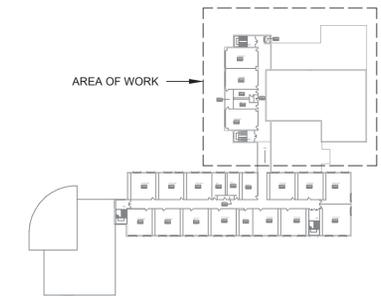
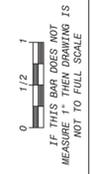
**1 SECOND FLOOR PARTIAL REMOVAL - ELECTRICAL - 2**  
**SCALE: 3/32"=1'-0"**

**REMOVAL NOTES:**

- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
- MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
- THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
- COORDINATE REMOVAL OF POWER TO MECHANICAL EQUIPMENT WITH THE RESPECTIVE CONTRACTOR.
- CONTRACTOR MUST FIELD VERIFY ALL CONNECTIONS PRIOR TO REMOVAL. PROTECT ALL FEEDER AND BRANCH CIRCUITS SERVING OTHER AREAS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY OUTAGES.

**KEYED NOTES:**

- ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING UNIT VENTILATOR AND RETAIN EXISTING WIRING, JUNCTION BOXES TO EXISTING UNIT VENTILATORS. THE EXISTING UNIT VENTILATOR SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.



**KEY PLAN**



No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS



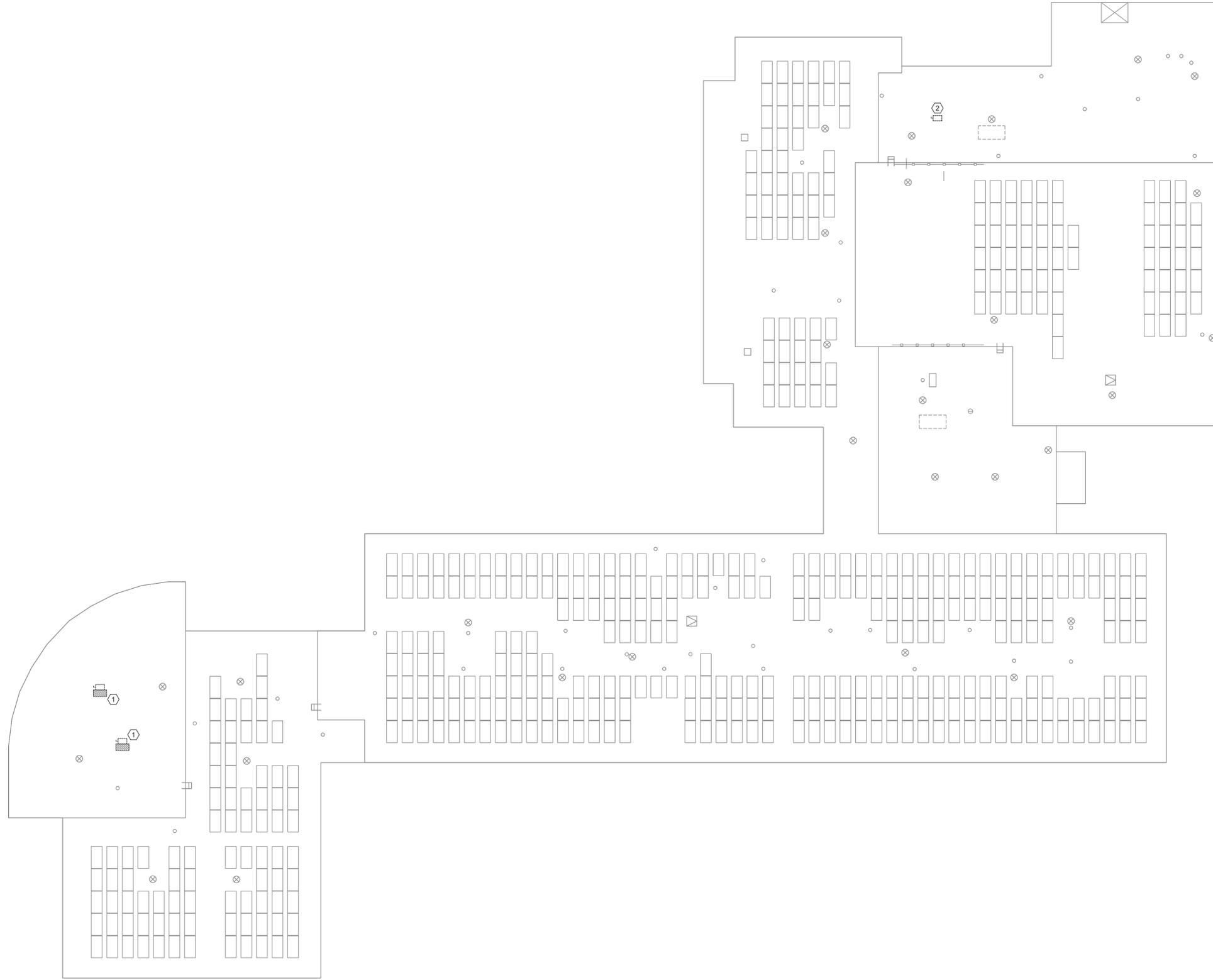
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STURZENEGGER, NY 10901 PROJ. NO. : MNY-20000600
	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STURZENEGGER, NY 10901
Structural Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STURZENEGGER, NY 10901

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015  
STONY POINT, NY 10980  
 PROJECT AND FACILITY



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 Drawing Title  
**SECOND FLOOR PARTIAL REMOVAL - ELECTRICAL - 2**  
 Drawing No.  
**SPES-E-065**



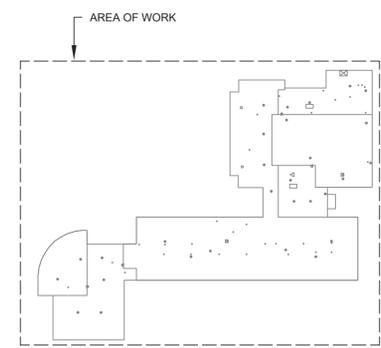
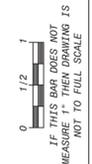
**1 ROOF REMOVAL PLAN - ELECTRICAL**  
 SCALE: 1/16"=1'-0"

**REMOVAL NOTES:**

1. FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
2. MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
3. THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
4. COORDINATE REMOVAL OF POWER TO MECHANICAL EQUIPMENT WITH THE RESPECTIVE CONTRACTOR.
5. CONTRACTOR MUST FIELD VERIFY ALL CONNECTIONS PRIOR TO REMOVAL. PROTECT ALL FEEDER AND BRANCH CIRCUITS SERVING OTHER AREAS. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY OUTAGES.

**KEYED NOTES:**

- ① ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER TO EXISTING CONDENSER UNIT AND RETAIN EXISTING WIRING. JUNCTION BOXES TO EXISTING UNIT VENTILATORS, THE EXISTING UNIT VENTILATOR SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.
- ② ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE THE ELECTRICAL CONNECTION TO THE EXISTING EXHAUST FAN AND ALL ASSOCIATED DISCONNECT SWITCH, JUNCTION BOX, CONDUITS AND WIRING BACK TO SOURCE.



KEY PLAN



No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS



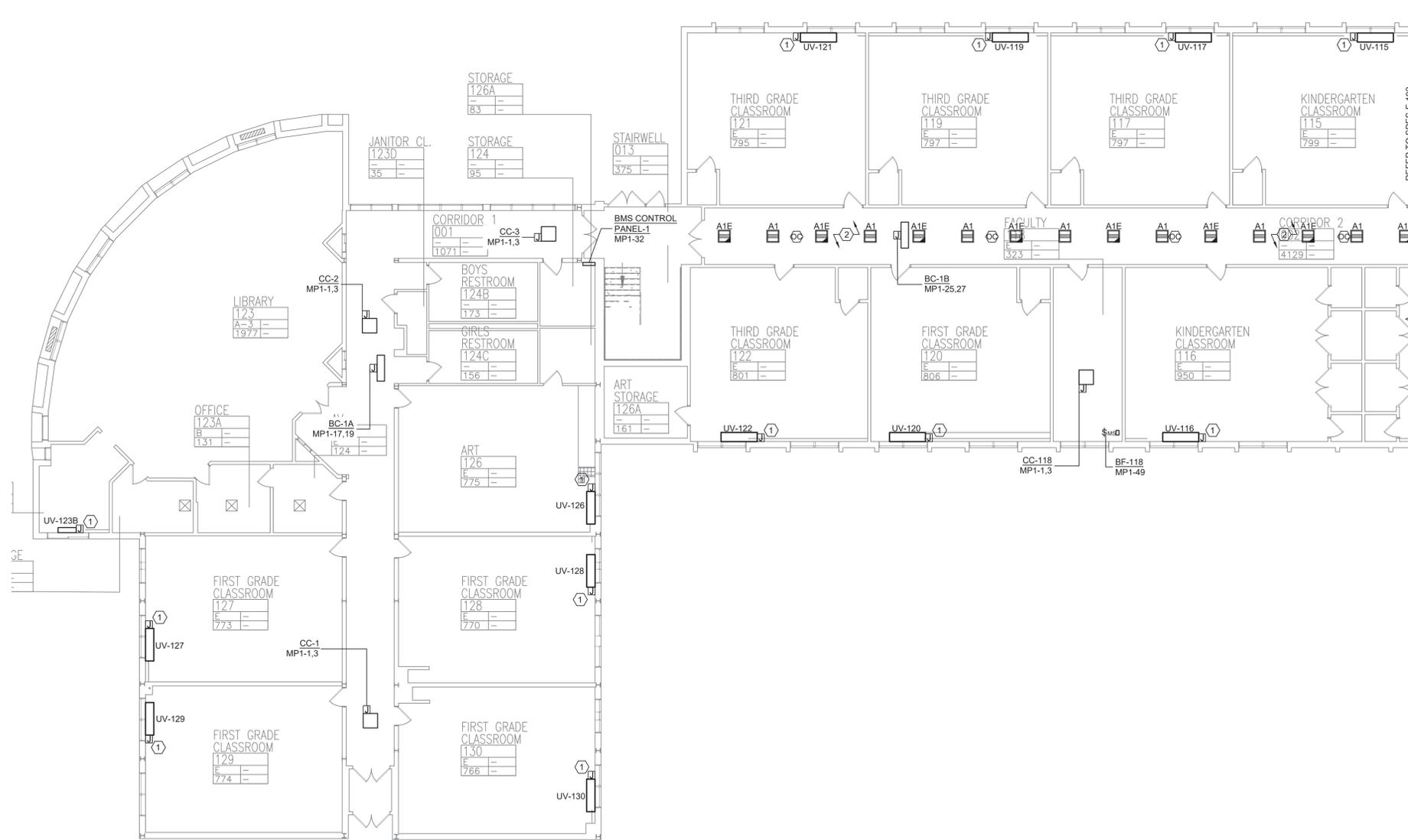
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981 PROJ. NO. : 10NY-20000600
Structural Engineer:	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015  
STONY POINT, NY 10980  
 PROJECT AND FACILITY

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 Drawing Title  
**ROOF REMOVAL PLAN - ELECTRICAL**  
 Drawing No.  
**SPES-E-066**



**1 FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 1**  
 SCALE: 3/32"=1'-0"

**PLAN NOTES:**

- REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
- ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF #12-1#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. FOR LIGHTING AND POWER BRANCH CIRCUIT, MC CABLE SHALL BE INSTALLED FOR RECESSED INSTALLATION ONLY, EITHER IN NEW WALLS OR ABOVE HUNG CEILING WHERE POSSIBLE. REFER TO PANEL SCHEDULES IN DRAWING SPES-E-501 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
- PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
- UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
- CONTRACTOR SHALL PERFORM AMP PROBE READINGS ON EXISTING SERVICE EQUIPMENT BEFORE AND AFTER WORK TO ENSURE EQUIPMENT WILL NOT BE LOADED BEYOND ITS MAX AMPACITY.
- CONTRACTOR SHALL MAINTAIN CONTINUITY TO ALL EXISTING CIRCUITRY TO REMAIN WHICH ARE AFFECTED BY THE SCOPE OF WORK; CONTRACTOR SHALL FURNISH ALL NECESSARY JUNCTION BOXES, CONDUIT, AND WIRES AS REQUIRED TO KEEP CONTINUITY.
- REFER TO MECHANICAL PLANS FOR EQUIPMENT TO BE SUPPLIED BY OTHER TRADES AND INSTALLED/WIRED UNDER THIS SECTION. COORDINATE LOCATION OF DEVICES WITH OTHER CONTRACTORS.
- PROVIDE FIRESTOPPING FOR ALL PENETRATIONS TO MATCH EXISTING FIRE RATING WHERE APPLICABLE. ALL CORE DRILLS SHALL BE VERIFIED BY BUILDING REPRESENTATIVE PRIOR TO COMMENCING WORK. X-RAY ALL FLOOR SLABS PRIOR TO ROUGH-INS FOR CORE DRILL WORK.
- THE CONTRACTOR SHALL FIELD ROUTE FEEDER FOR NEW POWER PANELS. COORDINATE EXACT ROUTING PATH WITH OWNER. SUBMIT A PROPOSED ROUTING PATH TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO RUNNING ANY CONDUIT OR WIRE ASSOCIATED WITH THIS FEEDER.
- DISCONNECT SWITCH FOR UNIT VENTILATORS IS PROVIDED BY HVAC CONTRACTOR. COORDINATE WITH HVAC CONTRACTOR. COORDINATE WITH HVAC CONTRACTOR FOR DISCONNECT SWITCHES FOR ALL OTHER UNIT THAT ARE BEING PROVIDED BY THE HVAC CONTRACTOR.
- ALL GROUNDING SHALL BE PROVIDED BY THE CONTRACTOR AS PER NEC 2017.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO ENLARGE AND FUR OUT EXISTING OPENING FOR EXISTING PANELS AND WHERE REQUIRED. ACCOMMODATE THE NEW BACK BOXES AND HOUSING OF THE NEW RECESSED MOUNTED PANELS TO BE INSTALLED. THE ELECTRICAL CONTRACTOR SHALL ALSO ENGAGE THE GC TO RESTORE AND FINISH THE WALLS TO MATCH THE SURROUNDING WALLS OF THE AREA.

**KEYED NOTES:**

- RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.
- PROVIDE NEW 2" X 2" RECESSED LIGHTING FIXTURES AND NEW CEILING MOUNTED OCCUPANCY SENSORS IN THE CORRIDOR. THE NEW LIGHTING FIXTURES SHALL BE RECONNECTED TO THE EXISTING CORRIDOR CIRCUIT. EXTEND WIRING AND CONDUITS AS NECESSARY.

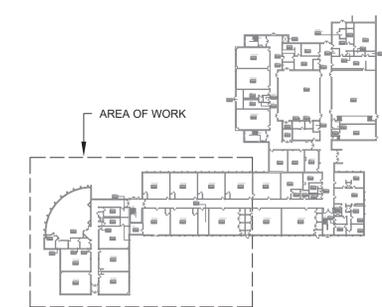


No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> MECHANICAL ELECTRICAL & PLUMBING ENGINEERS PROJ. NO. : NY-20000000	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL ENGINEERS PROJ. NO. : NY-10001
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**UNIVENT REPLACEMENT AT STONY POINT THIELLES WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SEDA# 50-02-01-06-0-014-012  
 SEDA# 50-02-01-06-0-025-018  
 SEDA# 50-02-01-06-0-024-015  
 STONY POINT, NY 10980



**KEY PLAN**



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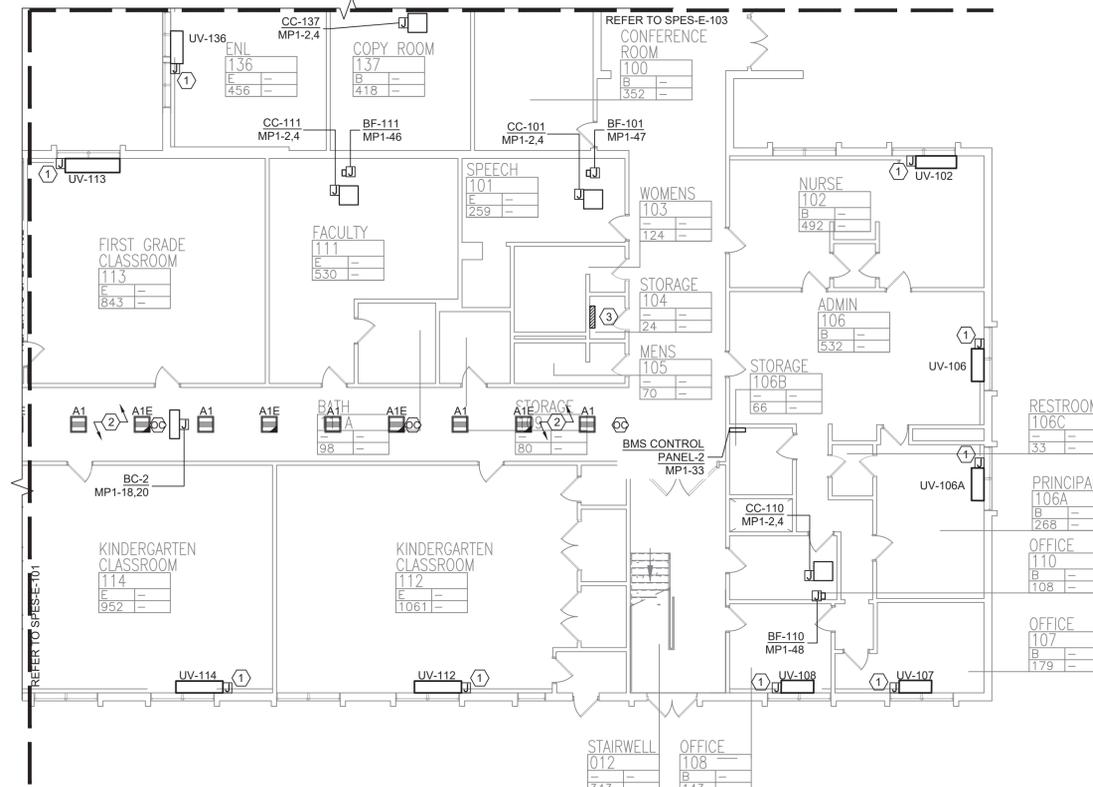
Drawing Title  
**FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 1**



**MICHAEL SHILALE ARCHITECTS, LLP**  
 140 Park Avenue New York, NY 10065 Tel 845-708-9200  
 www.shilale.com

Drawing No.

**SPES-E-101**



**1** **FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 2**  
SCALE: 3/32"=1'-0"

**PLAN NOTES:**

- REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
- ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF 2#12-1#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. FOR LIGHTING AND POWER BRANCH CIRCUIT, MC CABLE SHALL BE INSTALLED FOR RECESSED INSTALLATION ONLY, EITHER IN NEW WALLS OR ABOVE HUNG CEILING WHERE POSSIBLE. REFER TO PANEL SCHEDULES IN DRAWING SPES-E-501 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
- PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
- UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
- CONTRACTOR SHALL PERFORM AMP PROBE READINGS ON EXISTING SERVICE EQUIPMENT BEFORE AND AFTER WORK TO ENSURE EQUIPMENT WILL NOT BE LOADED BEYOND ITS MAX AMPACITY.
- CONTRACTOR SHALL MAINTAIN CONTINUITY TO ALL EXISTING CIRCUITRY TO REMAIN WHICH ARE AFFECTED BY THE SCOPE OF WORK, CONTRACTOR SHALL FURNISH ALL NECESSARY JUNCTION BOXES, CONDUIT, AND WIRES AS REQUIRED TO KEEP CONTINUITY.
- REFER TO MECHANICAL PLANS FOR EQUIPMENT TO BE SUPPLIED BY OTHER TRADES AND INSTALLED/WIRED UNDER THIS SECTION, COORDINATE LOCATION OF DEVICES WITH OTHER CONTRACTORS.
- PROVIDE FIRESTOPPING FOR ALL PENETRATIONS TO MATCH EXISTING FIRE RATING WHERE APPLICABLE. ALL CORE DRILLS SHALL BE VERIFIED BY BUILDING REPRESENTATIVE PRIOR TO COMMENCING WORK, X-RAY ALL FLOOR SLABS PRIOR TO ROUGH-INS FOR CORE DRILL WORK.
- THE CONTRACTOR SHALL FIELD ROUTE FEEDER FOR NEW POWER PANELS. COORDINATE EXACT ROUTING PATH WITH OWNER. SUBMIT A PROPOSED ROUTING PATH TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO RUNNING ANY CONDUIT OR WIRE ASSOCIATED WITH THIS FEEDER.
- DISCONNECT SWITCH FOR UNIT VENTILATORS IS PROVIDED BY HVAC CONTRACTOR. COORDINATE WITH HVAC CONTRACTOR FOR DISCONNECT SWITCHES FOR ALL OTHER UNIT THAT ARE BEING PROVIDED BY THE HVAC CONTRACTOR.
- ALL GROUNDING SHALL BE PROVIDED BY THE CONTRACTOR AS PER NEC 2017.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO ENLARGE AND FUR OUT EXISTING OPENING FOR EXISTING PANELS AND WHERE REQUIRED. ACCOMMODATE THE NEW BACK BOXES AND HOUSING OF THE NEW RECESSED MOUNTED PANELS TO BE INSTALLED. THE ELECTRICAL CONTRACTOR SHALL ALSO ENGAGE THE GC TO RESTORE AND FINISH THE WALLS TO MATCH THE SURROUNDING WALLS OF THE AREA.



No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

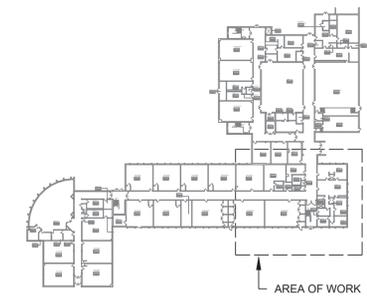
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUITE 1001 STONY POINT, NY 10980 PROJ. NO. : MNY-20090600
Structural Engineer:	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUITE 1001 STONY POINT, NY 10980

**KEYED NOTES:**

- RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.
- PROVIDE NEW 2' X 2' RECESSED LIGHTING FIXTURES AND NEW CEILING MOUNTED OCCUPANCY SENSORS IN THE CORRIDOR. THE NEW LIGHTING FIXTURES SHALL BE RECONNECTED TO THE EXISTING CORRIDOR CIRCUIT. EXTEND WIRING AND CONDUITS AS NECESSARY.
- PROVIDE AND INSTALL A NEW 100A, 120/208V, 3PH, 4W PANEL MP1. PROVIDE NEW WIRING AND CONDUIT. REFER TO SPES-E-501 FOR PANEL SCHEDULE.

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SEDA# 50-02-01-06-0-014-012  
 SEDA# 50-02-01-06-0-025-018  
 SEDA# 50-02-01-06-0-024-015  
 CONTRACTOR: MSA ARCHITECTS, L.L.P.  
 STONY POINT, NY 10980



**KEY PLAN**



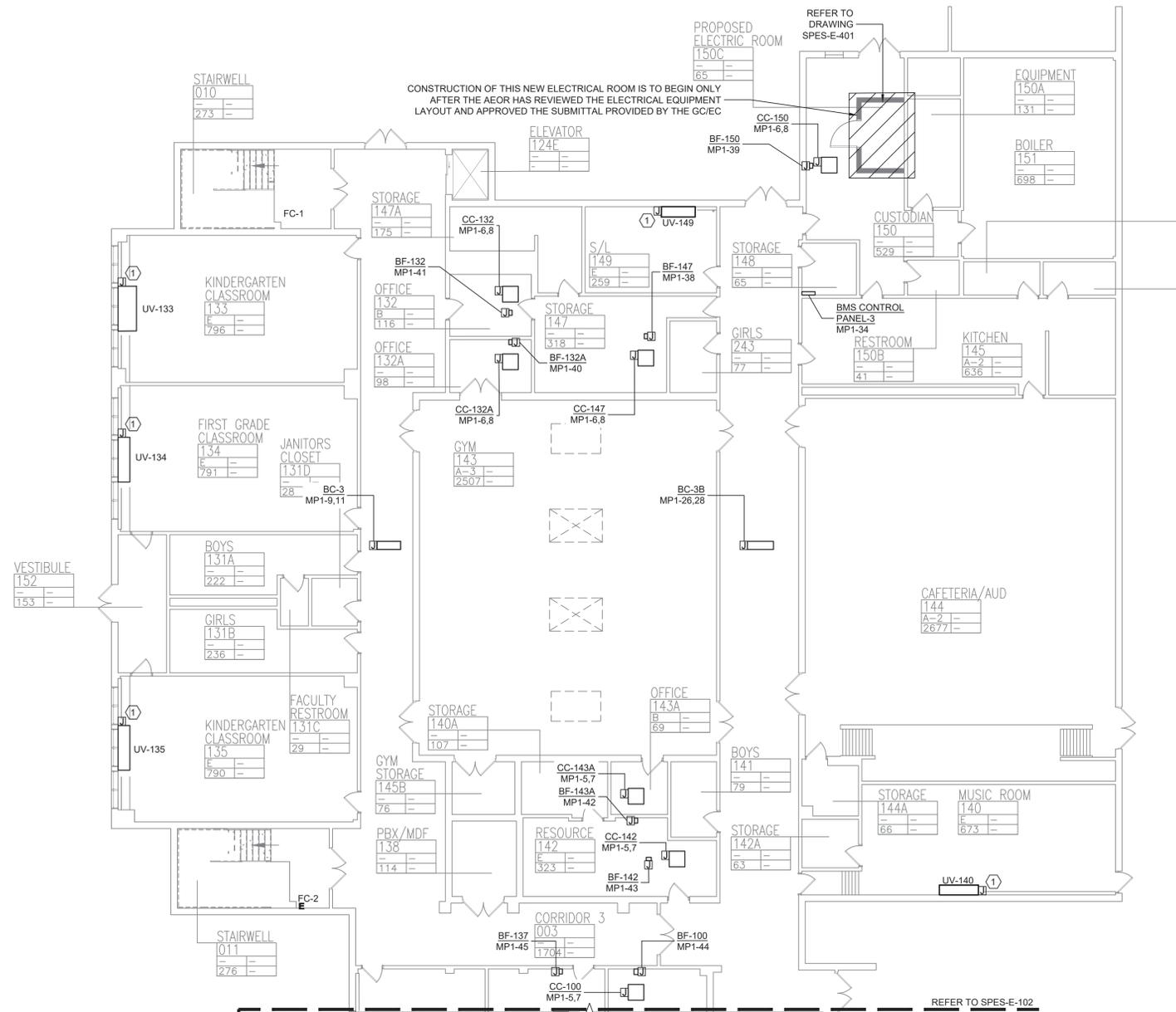
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Drawing Title  
**FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 2**



MICHAEL SHILALE ARCHITECTS, L.L.P.  
140 Park Avenue New City, NY 10956 Tel 845-708-9200  
www.shilale.com

Drawing No.  
**SPES-E-102**



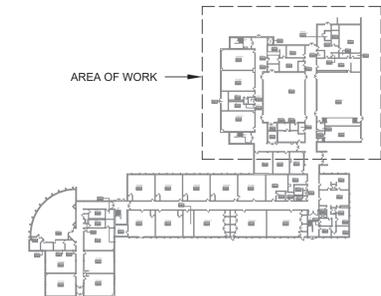
**1** **FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 3**  
SCALE: 3/32"=1'-0"

**PLAN NOTES:**

- REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
- ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF #12+1#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. FOR LIGHTING AND POWER BRANCH CIRCUIT, MC CABLE SHALL BE INSTALLED FOR RECESSED INSTALLATION ONLY, EITHER IN NEW WALLS OR ABOVE HUNG CEILING WHERE POSSIBLE. REFER TO PANEL SCHEDULES IN DRAWING SPES-E-501 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
- PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
- UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
- CONTRACTOR SHALL PERFORM AMP PROBE READINGS ON EXISTING SERVICE EQUIPMENT BEFORE AND AFTER WORK TO ENSURE EQUIPMENT WILL NOT BE LOADED BEYOND ITS MAX AMPACITY.
- CONTRACTOR SHALL MAINTAIN CONTINUITY TO ALL EXISTING CIRCUITRY TO REMAIN WHICH ARE AFFECTED BY THE SCOPE OF WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY JUNCTION BOXES, CONDUIT, AND WIRES AS REQUIRED TO KEEP CONTINUITY.
- REFER TO MECHANICAL PLANS FOR EQUIPMENT TO BE SUPPLIED BY OTHER TRADES AND INSTALLED/WIRED UNDER THIS SECTION. COORDINATE LOCATION OF DEVICES WITH OTHER CONTRACTORS.
- PROVIDE FIRESTOPPING FOR ALL PENETRATIONS TO MATCH EXISTING FIRE RATING WHERE APPLICABLE. ALL CORE DRILLS SHALL BE VERIFIED BY BUILDING REPRESENTATIVE PRIOR TO COMMENCING WORK. X-RAY ALL FLOOR SLABS PRIOR TO ROUGH-INS FOR CORE DRILL WORK.
- THE CONTRACTOR SHALL FIELD ROUTE FEEDER FOR NEW POWER PANELS. COORDINATE EXACT ROUTING PATH WITH OWNER. SUBMIT A PROPOSED ROUTING PATH TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO RUNNING ANY CONDUIT OR WIRE ASSOCIATED WITH THIS FEEDER.
- DISCONNECT SWITCH FOR UNIT VENTILATORS IS PROVIDED BY HVAC CONTRACTOR. COORDINATE WITH HVAC CONTRACTOR. COORDINATE WITH HVAC CONTRACTOR FOR DISCONNECT SWITCHES FOR ALL OTHER UNIT THAT ARE BEING PROVIDED BY THE HVAC CONTRACTOR.
- ALL GROUNDING SHALL BE PROVIDED BY THE CONTRACTOR AS PER NEC 2017.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO ENLARGE AND FUR OUT EXISTING OPENING FOR EXISTING PANELS AND WHERE REQUIRED, ACCOMMODATE THE NEW BACK BOXES AND HOUSING OF THE NEW RECESSED MOUNTED PANELS TO BE INSTALLED. THE ELECTRICAL CONTRACTOR SHALL ALSO ENGAGE THE GC TO RESTORE AND FINISH THE WALLS TO MATCH THE SURROUNDING WALLS OF THE AREA.

**KEYED NOTES:**

- ① RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.



**KEY PLAN**



No.	Date	Revisions
1	03-04-23	BIDDING DOCUMENTS

Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-23

<b>GREENMAN PEDERSEN, INC</b> Mechanical Electrical Engineer	<b>GREENMAN PEDERSEN, INC</b> Structural Engineer
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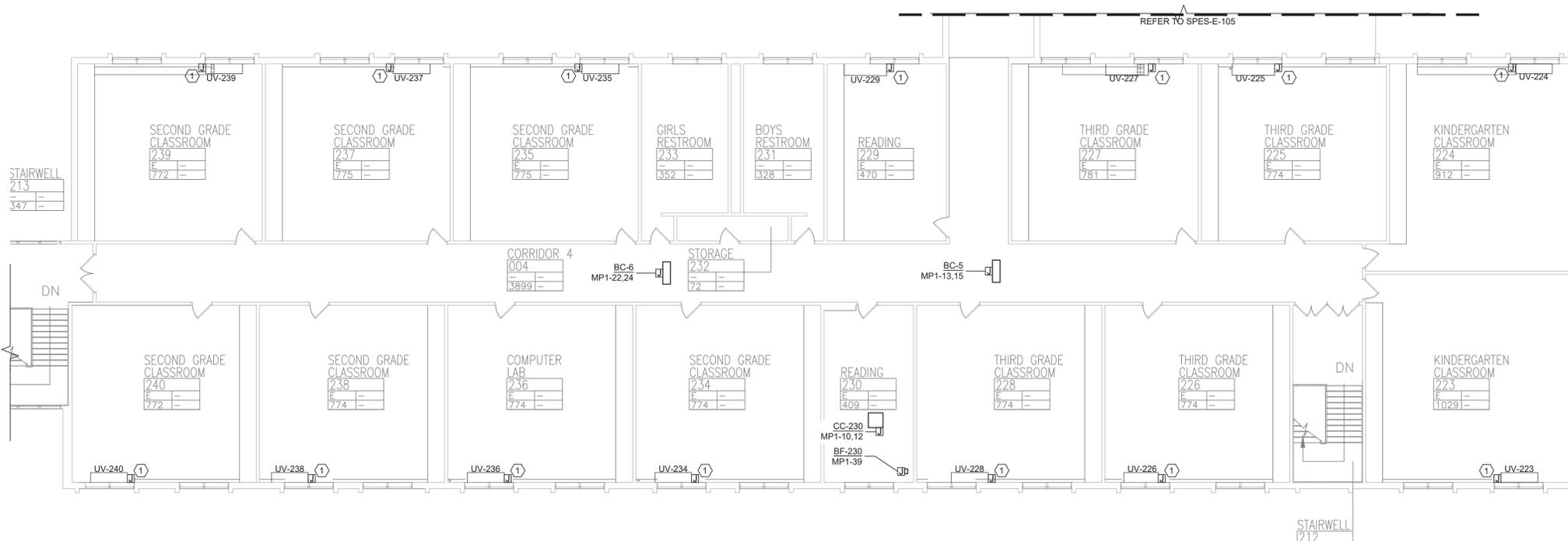
**UNIVENT REPLACEMENT AT STONY POINT THIELLES WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015  
 STONY POINT, NY 10980



**MICHAEL SHILALE ARCHITECTS, L.L.P.**  
 140 Park Avenue New City, NY 10956 Tel 845-708-9200  
 www.shilale.com

Drawing No.  
**SPES-E-103**

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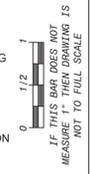
**1 SECOND FLOOR PARTIAL PLAN - ELECTRICAL - 1**  
 SCALE: 3/32"=1'-0"

**PLAN NOTES:**

- REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
- ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF #12-#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. FOR LIGHTING AND POWER BRANCH CIRCUIT, MC CABLE SHALL BE INSTALLED FOR RECESSED INSTALLATION ONLY, EITHER IN NEW WALLS OR ABOVE HUNG CEILING WHERE POSSIBLE. REFER TO PANEL SCHEDULES IN DRAWING SPES-E-501 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
- PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
- UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
- CONTRACTOR SHALL PERFORM AMP PROBE READINGS ON EXISTING SERVICE EQUIPMENT BEFORE AND AFTER WORK TO ENSURE EQUIPMENT WILL NOT BE LOADED BEYOND ITS MAX AMPACITY.
- CONTRACTOR SHALL MAINTAIN CONTINUITY TO ALL EXISTING CIRCUITRY TO REMAIN WHICH ARE AFFECTED BY THE SCOPE OF WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY JUNCTION BOXES, CONDUIT, AND WIRES AS REQUIRED TO KEEP CONTINUITY.
- REFER TO MECHANICAL PLANS FOR EQUIPMENT TO BE SUPPLIED BY OTHER TRADES AND INSTALLED/WIRED UNDER THIS SECTION. COORDINATE LOCATION OF DEVICES WITH OTHER CONTRACTORS.
- PROVIDE FIRESTOPPING FOR ALL PENETRATIONS TO MATCH EXISTING FIRE RATING WHERE APPLICABLE. ALL CORE DRILLS SHALL BE VERIFIED BY BUILDING REPRESENTATIVE PRIOR TO COMMENCING WORK. X-RAY ALL FLOOR SLABS PRIOR TO ROUGH-INS FOR CORE DRILL WORK.
- THE CONTRACTOR SHALL FIELD ROUTE FEEDER FOR NEW POWER PANELS. COORDINATE EXACT ROUTING PATH WITH OWNER. SUBMIT A PROPOSED ROUTING PATH TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO RUNNING ANY CONDUIT OR WIRE ASSOCIATED WITH THIS FEEDER.
- DISCONNECT SWITCH FOR UNIT VENTILATORS IS PROVIDED BY HVAC CONTRACTOR. COORDINATE WITH HVAC CONTRACTOR. COORDINATE WITH HVAC CONTRACTOR FOR DISCONNECT SWITCHES FOR ALL OTHER UNIT THAT ARE BEING PROVIDED BY THE HVAC CONTRACTOR.
- ALL GROUNDING SHALL BE PROVIDED BY THE CONTRACTOR AS PER NEC 2017.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO ENLARGE AND FUR OUT EXISTING OPENING FOR EXISTING PANELS AND WHERE REQUIRED, ACCOMMODATE THE NEW BACK BOXES AND HOUSING OF THE NEW RECESSED MOUNTED PANELS TO BE INSTALLED. THE ELECTRICAL CONTRACTOR SHALL ALSO ENGAGE THE GC TO RESTORE AND FINISH THE WALLS TO MATCH THE SURROUNDING WALLS OF THE AREA.

**KEYED NOTES:**

- ① RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.



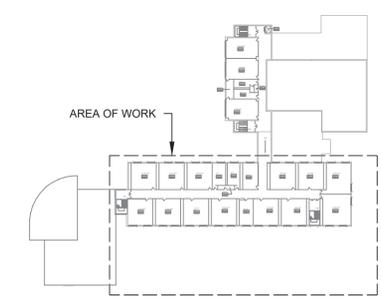
No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

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Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUITE 1001 STONY POINT, NY 10980 PROJ. NO. : NY-20090600
	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUITE 1001 STONY POINT, NY 10980

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SEDA# 50-02-01-06-0-014-012  
 SEDA# 50-02-01-06-0-025-018  
 SEDA# 50-02-01-06-0-024-015  
 CONTRACTOR: NY 10980  
 STONY POINT, NY 10980



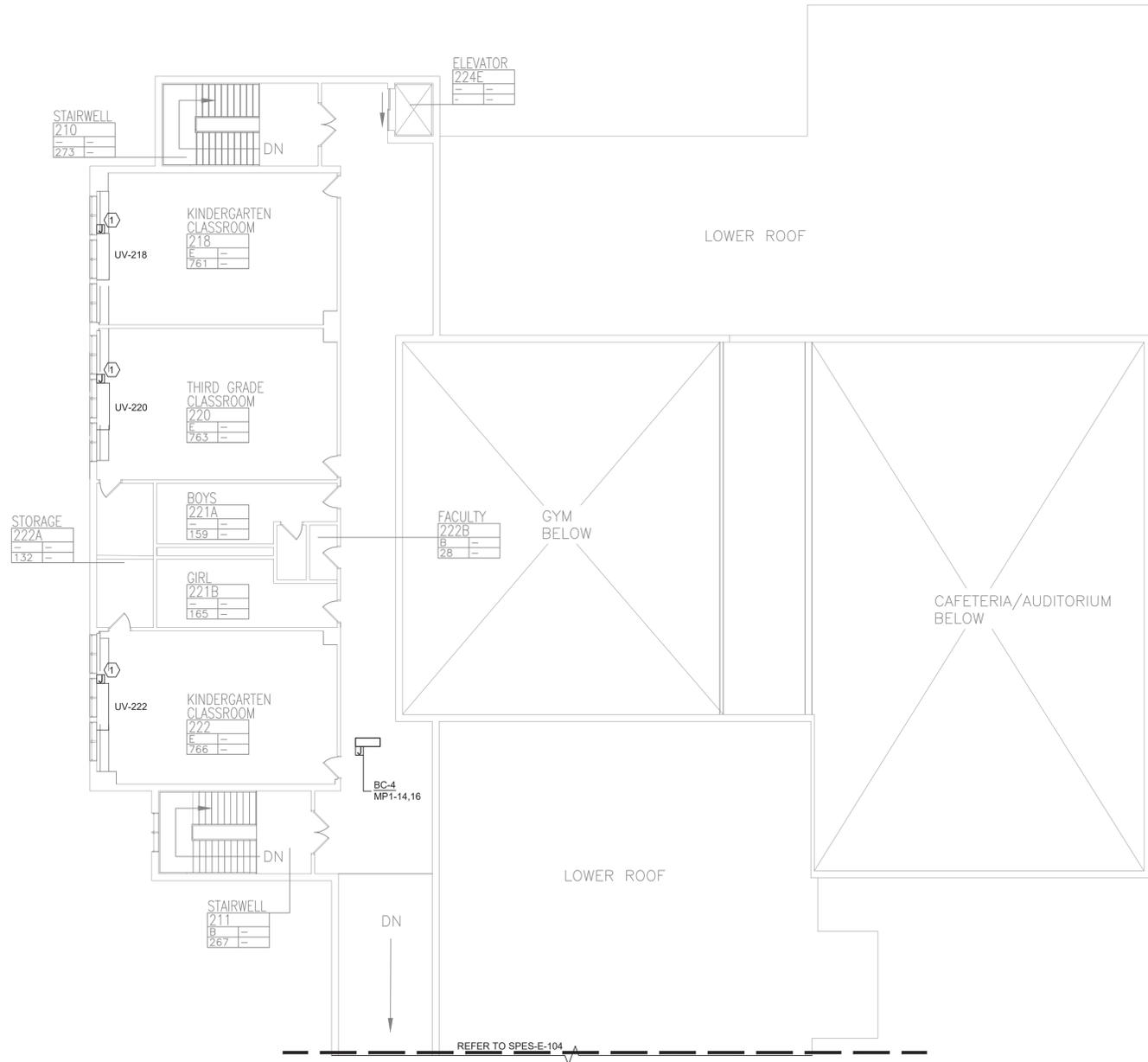
**KEY PLAN**



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**MSA**  
 MICHAEL SHLALE ARCHITECTS, L.L.P.  
 140 Park Avenue New York, NY 10065 Tel 845-708-9200  
 www.shlale.com

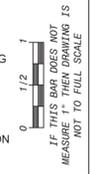
Drawing Title  
**SECOND FLOOR PARTIAL PLAN - ELECTRICAL - 1**  
 Drawing No.  
**SPES-E-104**



**1 SECOND FLOOR PARTIAL PLAN - ELECTRICAL - 2**  
SCALE: 3/32"=1'-0"

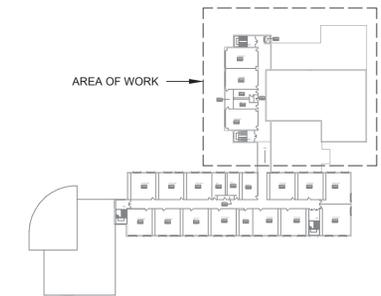
**PLAN NOTES:**

- REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
- ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF #12+1#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. FOR LIGHTING AND POWER BRANCH CIRCUIT, MC CABLE SHALL BE INSTALLED FOR RECESSED INSTALLATION ONLY. EITHER IN NEW WALLS OR ABOVE HUNG CEILING WHERE POSSIBLE. REFER TO PANEL SCHEDULES IN DRAWING SPES-E-501 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
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- THE CONTRACTOR SHALL FIELD ROUTE FEEDER FOR NEW POWER PANELS. COORDINATE EXACT ROUTING PATH WITH OWNER. SUBMIT A PROPOSED ROUTING PATH TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO RUNNING ANY CONDUIT OR WIRE ASSOCIATED WITH THIS FEEDER.
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**KEYED NOTES:**

- ① RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.



**KEY PLAN**



No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

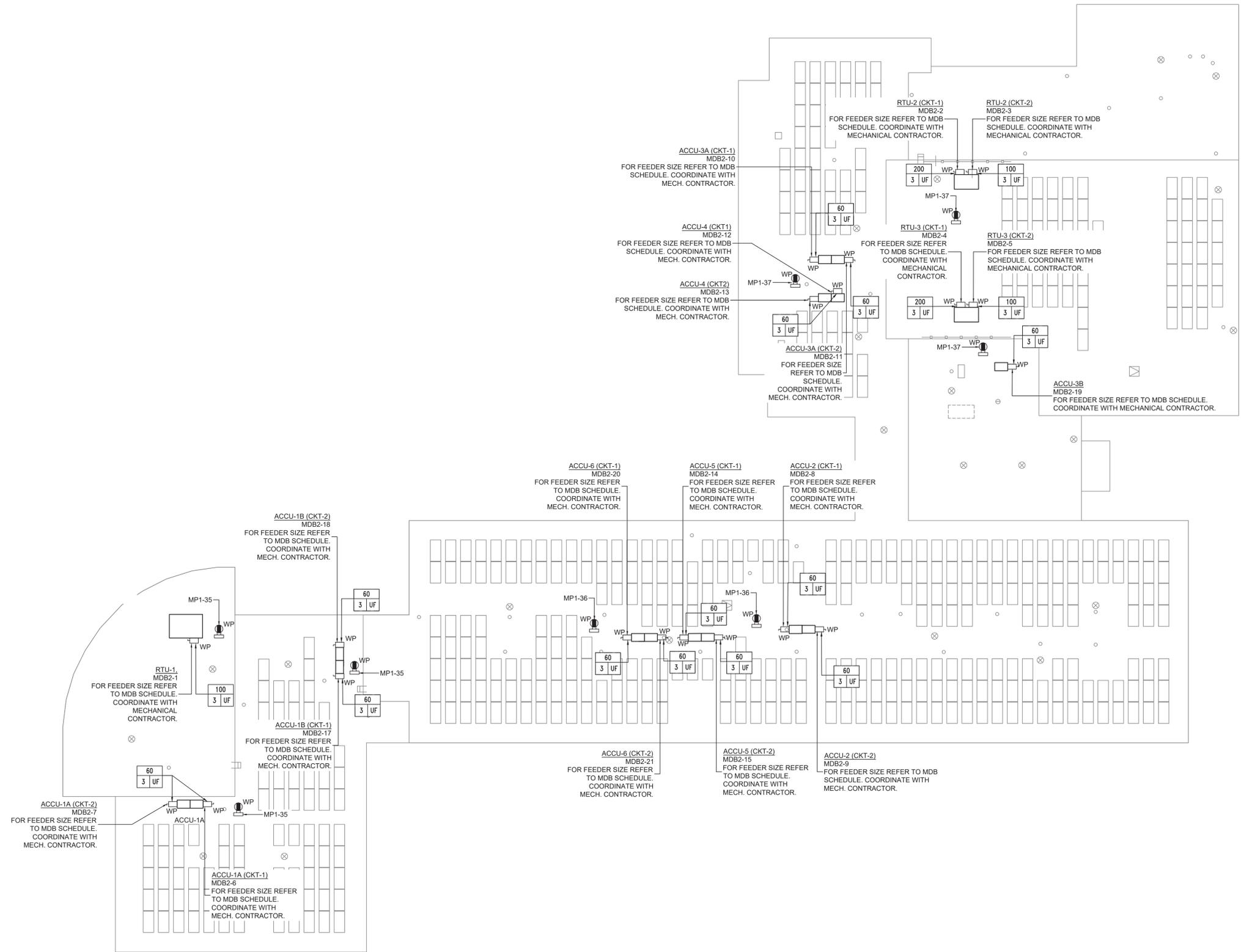
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> MECHANICAL ELECTRICAL PLUMBING PROJ. NO. : NY-20090800	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL PROJ. NO. : NY-19001
Mechanical Electrical Engineer	Structural Engineer

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015  
 STONY POINT, NY 10980

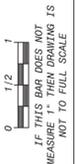


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 Drawing Title  
**SECOND FLOOR PARTIAL PLAN - ELECTRICAL - 2**  
 Drawing No.  
**SPES-E-105**



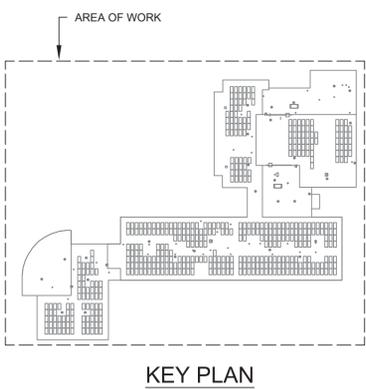
**PLAN NOTES:**

- REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
- ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF #12+1#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. FOR LIGHTING AND POWER BRANCH CIRCUIT, MC CABLE SHALL BE INSTALLED FOR RECESSED INSTALLATION ONLY, EITHER IN NEW WALLS OR ABOVE HUNG CEILING WHERE POSSIBLE. REFER TO PANEL SCHEDULES IN DRAWING SPES-E-501 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
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**KEYED NOTES:**

- RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.



No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901 PROJ. NO. : 10NY-20090600
Structural Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901

**UNIVENT REPLACEMENT AT STONY POINT THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL**

SED# 50-02-01-06-0-014-012  
 SED# 50-02-01-06-0-025-018  
 SED# 50-02-01-06-0-024-015

DESIGN BY: GREENMAN PEDERSEN, INC.  
 STONY POINT, NY 10980

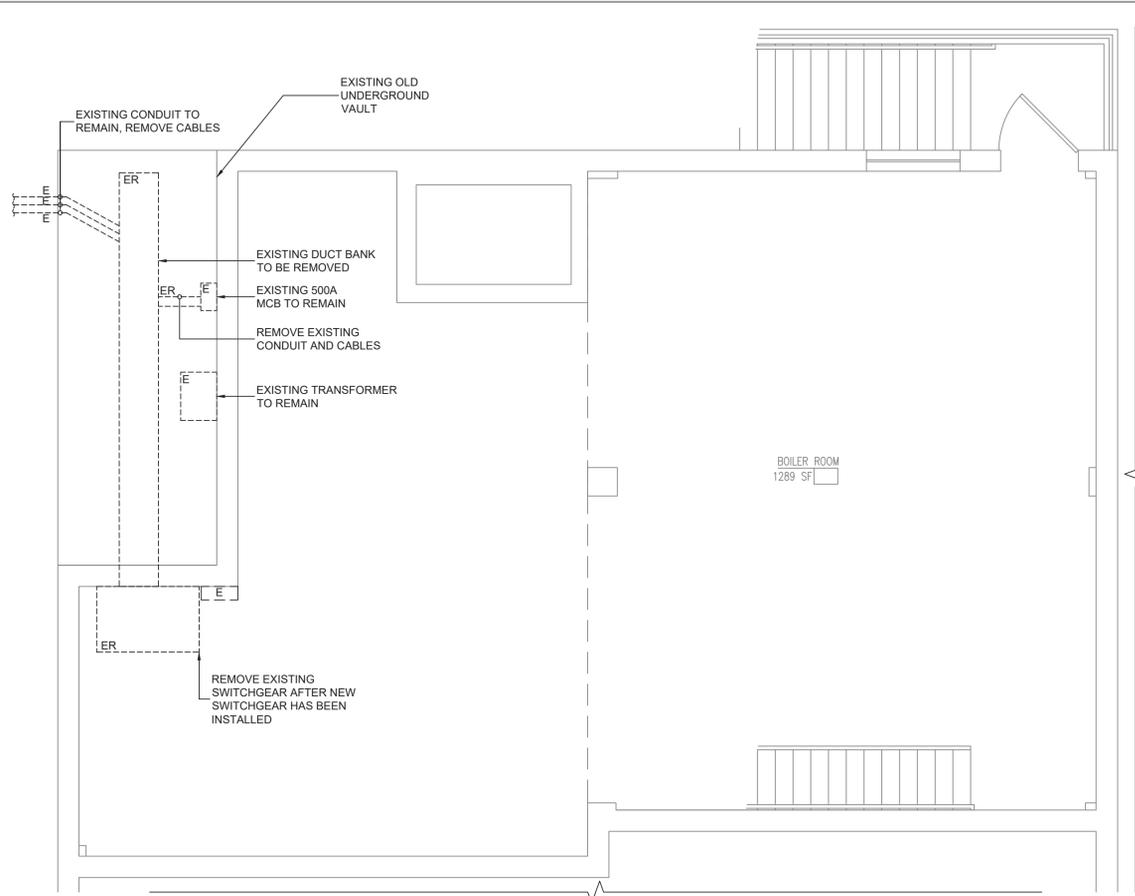


**1 ROOF PLAN - ELECTRICAL**  
SCALE: 1/16"=1'-0"

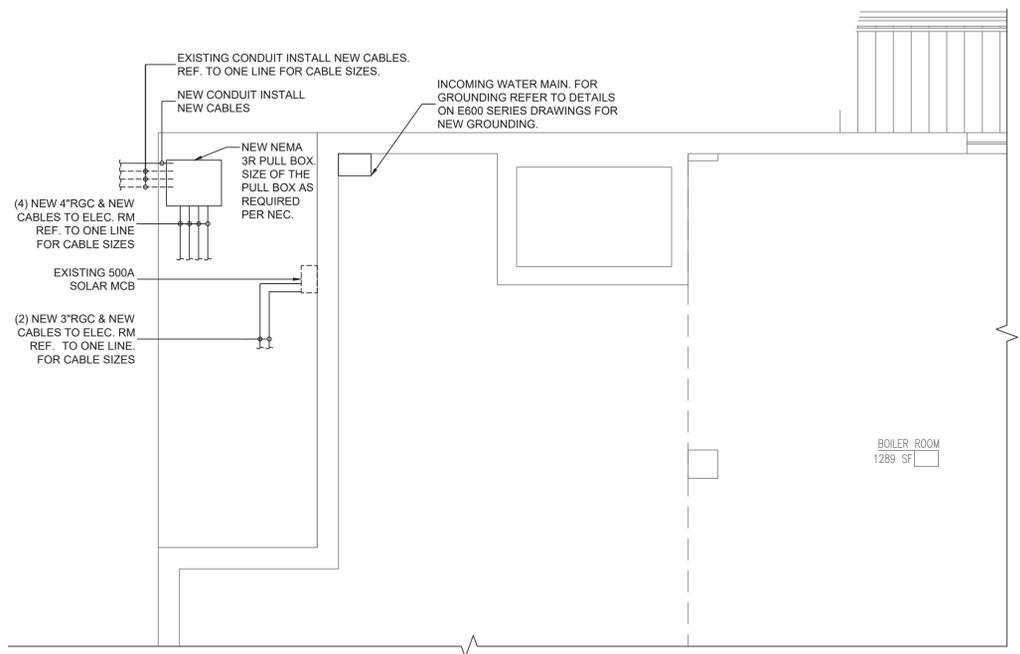
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Drawing Title: **ROOF PLAN - ELECTRICAL**

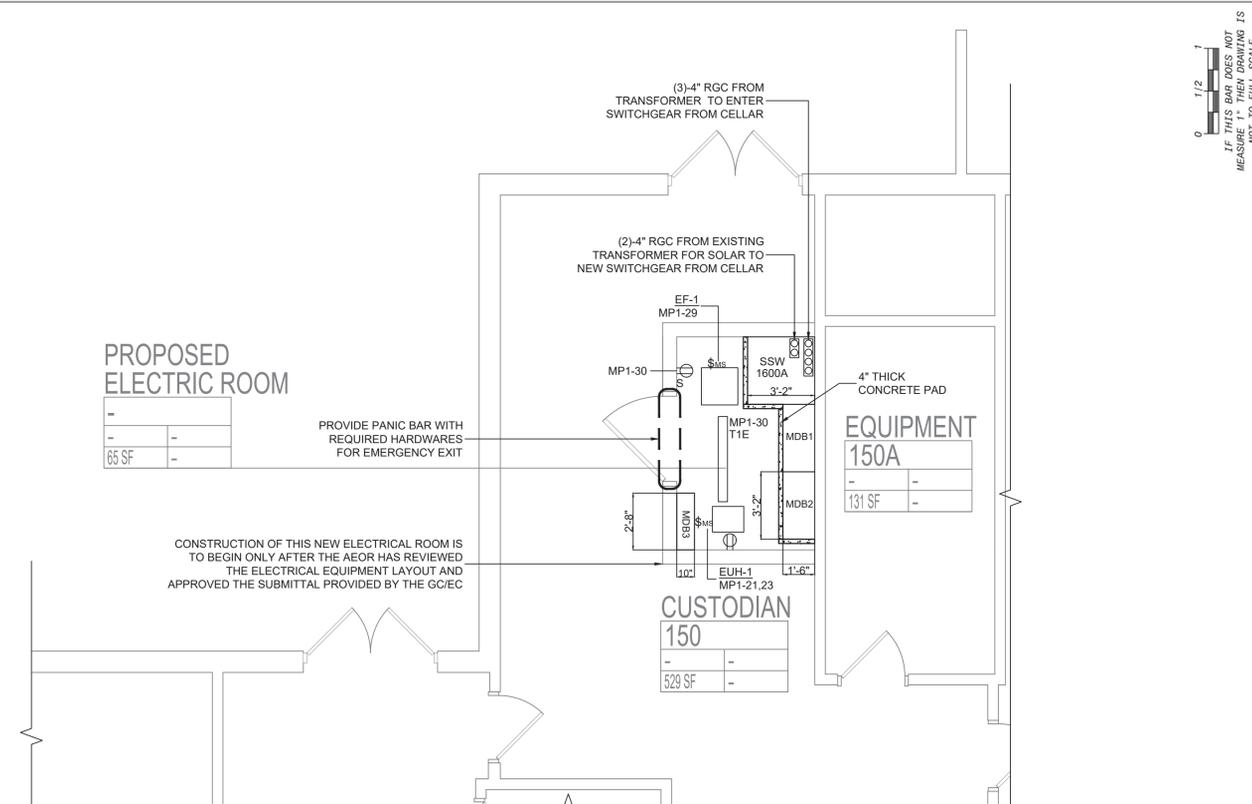
Drawing No.: **SPES-E-106**



**1 EXISTING BASEMENT ELECTRICAL EQUIPMENT REMOVAL PLAN**  
SCALE: 1/4"=1'-0"



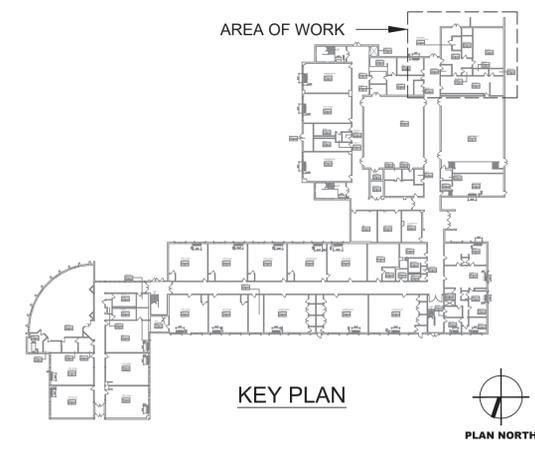
**3 NEW ELECTRICAL BASEMENT PART PLAN**  
SCALE: 1/4"=1'-0"



**2 PROPOSED ELECTRICAL ROOM**  
SCALE: 1/4"=1'-0"

**PLAN NOTES:**

1. THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH SBU, ALL OTHER TRADES AND THE FACILITY.
2. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY UNAUTHORIZED DISRUPTION AND POWER OUTAGES.
3. MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY CONSTRUCTION WORK.
4. CONTRACTOR IS TO TRACE AND PROTECT ALL FEEDER & BRANCH CIRCUITS FOR ALL AREAS OF THE SITE AND ALL OTHER ELECTRICAL EQUIPMENT DURING DEMOLITION/CONSTRUCTION. ELECTRICAL CONTRACTOR IS REQUIRED TO COORDINATE THIS REQUIREMENT WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES.
5. ROUTING OF ELECTRICAL CONDUITS IF SHOWN IN THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR IS RESPONSIBLE TO FINALIZE THE ROUTING OF ALL ELECTRICAL CONDUITS AT FIELD IN COORDINATION WITH ALL OTHER TRADES, EXISTING AND NEW BUILDING ELEMENTS, STRUCTURES, PIPES, EQUIPMENT, LANDSCAPING ETC., FOR CODE COMPLIANT INSTALLATION.
6. ALL ELECTRIC SERVICES AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS & THE NATIONAL ELECTRIC CODE (NEC).
7. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE CODE COMPLIANT GROUNDING OF THE CIRCUITS, EQUIPMENT AND CONDUITS AS PER NEC AND SPECIFICATION.
8. ALL UNDERGROUND CONDUITS SHALL BE RGC AND RUN 24" BELOW GRADE UNLESS OTHERWISE INDICATED.
9. ALL SPARE CONDUITS SHALL BE INSTALLED WITH DRAG LINES.
10. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR RESURFACING WORK.
11. THE CONTRACTOR SHALL PROVIDE MAGNETIC WARNING TAPE FOR EACH UNDERGROUND DUCT BANKS.
12. THE CONTRACTOR IS REQUIRED TO USE POLYWATER AFT-AEROSOL FOAM SEALANT OR EQUIVALENT TO SEAL BOTH ENDS OF SERVICE CONDUITS TO FILL THE GAP BETWEEN CABLES AND CONDUIT IN ORDER TO PREVENT ANY WATER PENETRATION THROUGH CONDUITS TO THE ELECTRICAL EQUIPMENT INSIDE THE BUILDING. THE CONDUIT OPENINGS ( GAP BETWEEN CABLES AND CONDUIT) SHALL BE SEALED DEEP ENOUGH TO CONFIRM THAT NO WATER INFILTRATION IS TAKING PLACE.



No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS

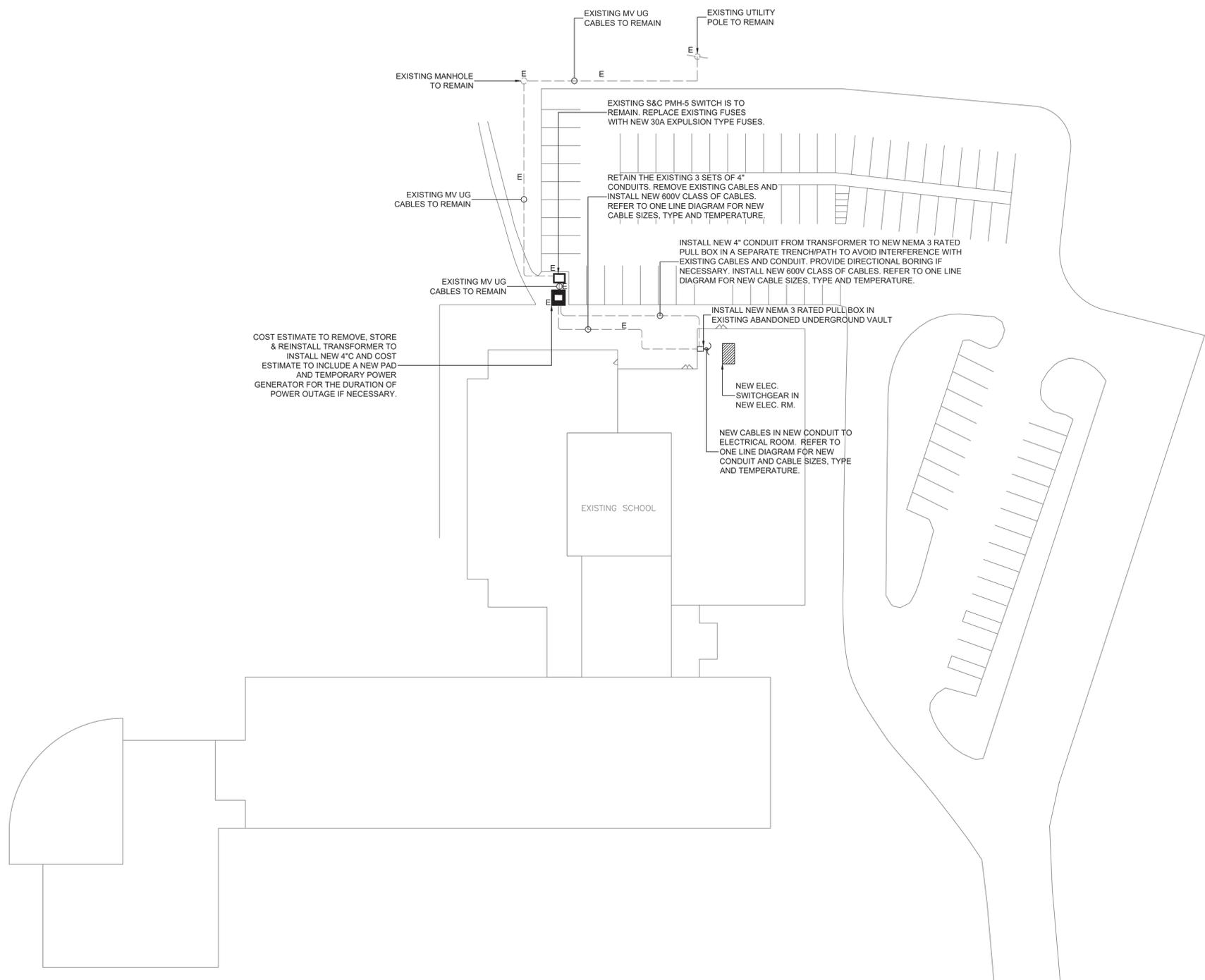
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STONY POINT, NY 10901 PROJ. NO. : NY-20090800
Structural Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD STONY POINT, NY 10901

UNIVENT REPLACEMENT AT  
STONY POINT, THIELLS,  
WEST HAVESTRAW  
ELEMENTARY SCHOOL  
SD# 50-02-01-06-0-014-012  
SD# 50-02-01-06-0-025-018  
SD# 50-02-01-06-0-024-015  
STONY POINT, NY 10980  
RECYCLED PAPER



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Drawing Title  
**PART PLANS - ELECTRICAL**  
Drawing No.  
**SPES-E-401**



COST ESTIMATE TO REMOVE, STORE & REINSTALL TRANSFORMER TO INSTALL NEW 4" C AND COST ESTIMATE TO INCLUDE A NEW PAD AND TEMPORARY POWER GENERATOR FOR THE DURATION OF POWER OUTAGE IF NECESSARY.

**1 ELECTRICAL SITE PLAN**  
SCALE: 1"=30'-0"

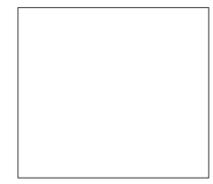
**PLAN NOTES:**

1. THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH SBU, ALL OTHER TRADES AND THE FACILITY.
2. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY UNAUTHORIZED DISRUPTION AND POWER OUTAGES.
3. MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY CONSTRUCTION WORK.
4. CONTRACTOR IS TO TRACE AND PROTECT ALL FEEDER & BRANCH CIRCUITS FOR ALL AREAS OF THE SITE AND ALL OTHER ELECTRICAL EQUIPMENT DURING DEMOLITION/CONSTRUCTION. ELECTRICAL CONTRACTOR IS REQUIRED TO COORDINATE THIS REQUIREMENT WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES.
5. ROUTING OF ELECTRICAL CONDUITS IF SHOWN IN THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR IS RESPONSIBLE TO FINALIZE THE ROUTING OF ALL ELECTRICAL CONDUITS AT FIELD IN COORDINATION WITH ALL OTHER TRADES, EXISTING AND NEW BUILDING ELEMENTS, STRUCTURES, PIPES, EQUIPMENT, LANDSCAPING ETC., FOR CODE COMPLIANT INSTALLATION.
6. ALL ELECTRIC SERVICES AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS & THE NATIONAL ELECTRIC CODE (NEC).
7. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE CODE COMPLIANT GROUNDING OF THE CIRCUITS, EQUIPMENT AND CONDUITS AS PER NEC AND SPECIFICATION.
8. ALL UNDERGROUND CONDUITS SHALL BE RGC AND RUN 24" BELOW GRADE UNLESS OTHERWISE INDICATED.
9. ALL SPARE CONDUITS SHALL BE INSTALLED WITH DRAG LINES.
10. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR RESURFACING WORK.
11. THE CONTRACTOR SHALL PROVIDE MAGNETIC WARNING TAPE FOR EACH UNDERGROUND DUCT BANKS.
12. THE CONTRACTOR IS REQUIRED TO USE POLYWATER AFT-AEROSOL FOAM SEALANT OR EQUIVALENT TO SEAL BOTH ENDS OF SERVICE CONDUITS TO FILL THE GAP BETWEEN CABLES AND CONDUIT IN ORDER TO PREVENT ANY WATER PENETRATION THROUGH CONDUITS TO THE ELECTRICAL EQUIPMENT INSIDE THE BUILDING. THE CONDUIT OPENINGS ( GAP BETWEEN CABLES AND CONDUIT) SHALL BE SEALED DEEP ENOUGH TO CONFIRM THAT NO WATER INFILTRATION IS TAKING PLACE.



0 1/2 1  
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS



Drawn by	Checked by	Project No.	Scale	Date
		43040		03-04-25

Mechanical Electrical Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUITE 1001 STONY POINT, NY 10980 PROJ. NO. : NY-20090800
	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUITE 1001 STONY POINT, NY 10980

UNIVENT REPLACEMENT AT  
STONY POINT, THIELLS,  
WEST HAVESTRAW  
ELEMENTARY SCHOOL  
SED# 50-02-01-06-0-014-012  
SED# 50-02-01-06-0-025-018  
SED# 50-02-01-06-0-024-015  
STONY POINT, NY 10980  
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