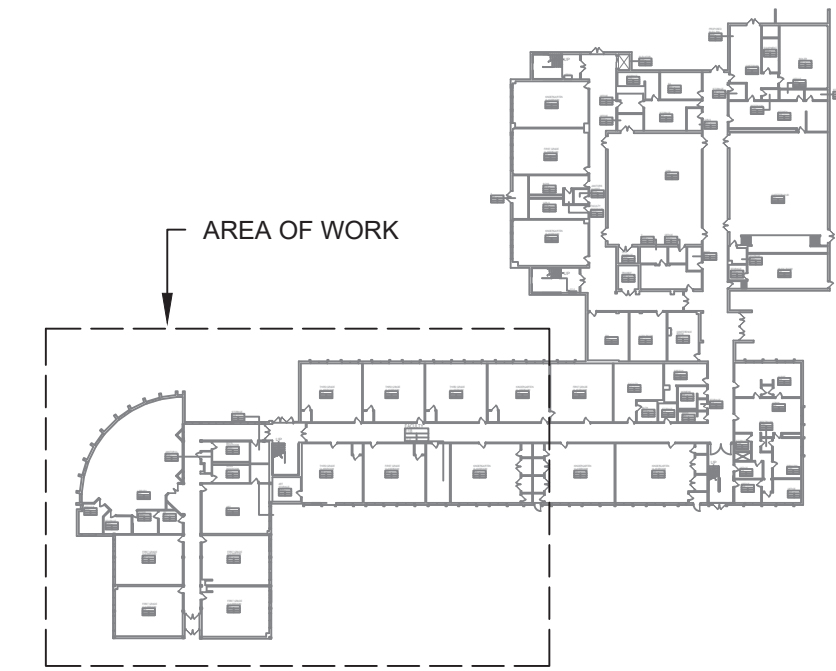


**1 FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 1**  
SCALE: 3/32"=1'-0"



KEY PLAN

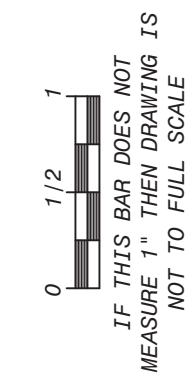


**REMOVAL NOTES:**

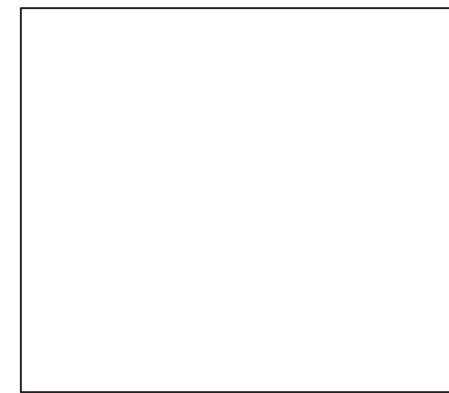
- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
- MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
- THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
- 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.



Revisions	
No.	Date
1	03-04-25



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 10981 PROJ. NO. : NY-5000080.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELS, WEST HAVESTRAW ELEMENTARY SCHOOL</b>	SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-025-018 SED# 50-02-01-06-0-024-015
OWNER: STONY POINT STONY POINT, NY 10980	DESIGN: RANBY BROOKLAND FACILITY

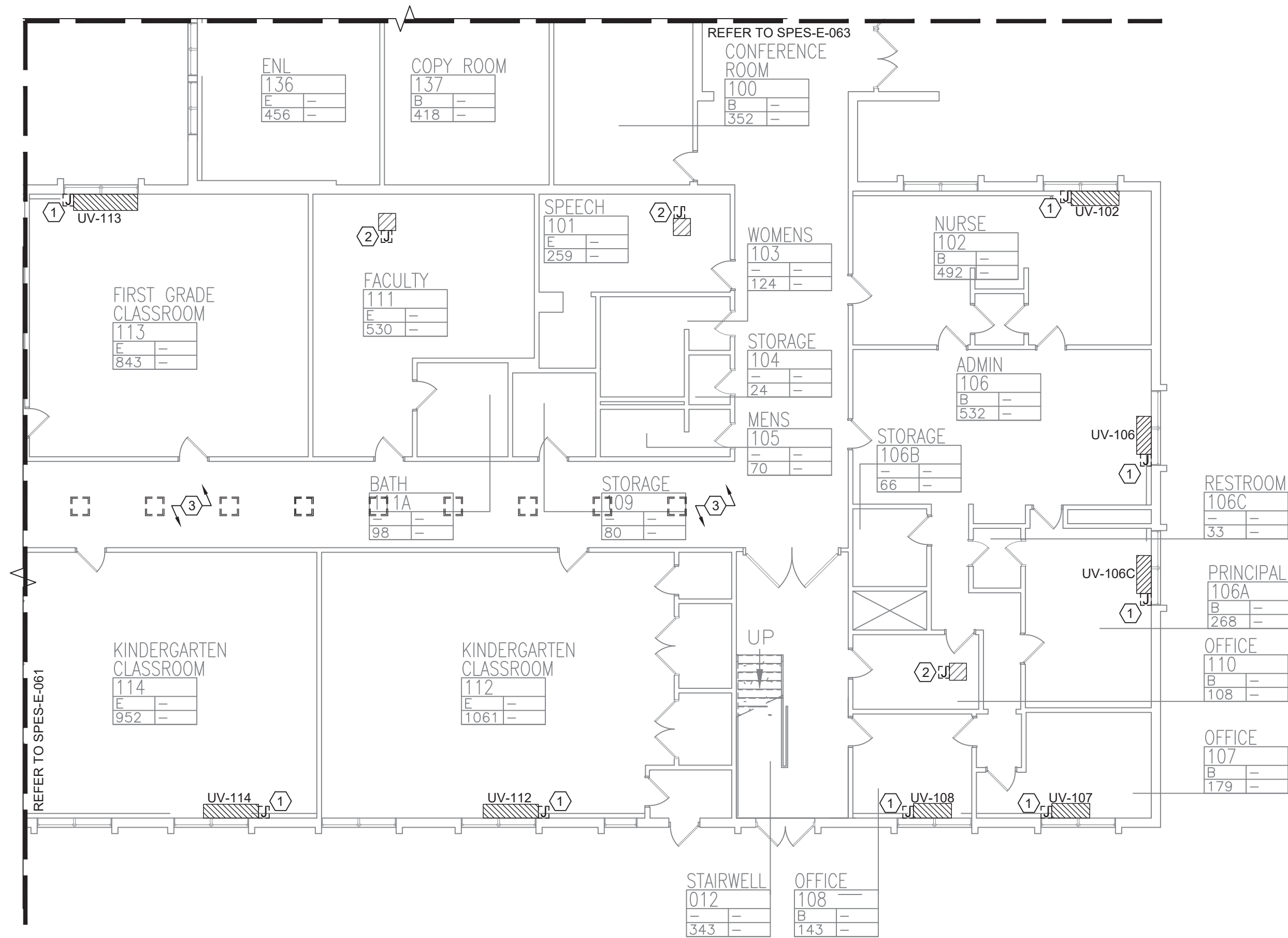


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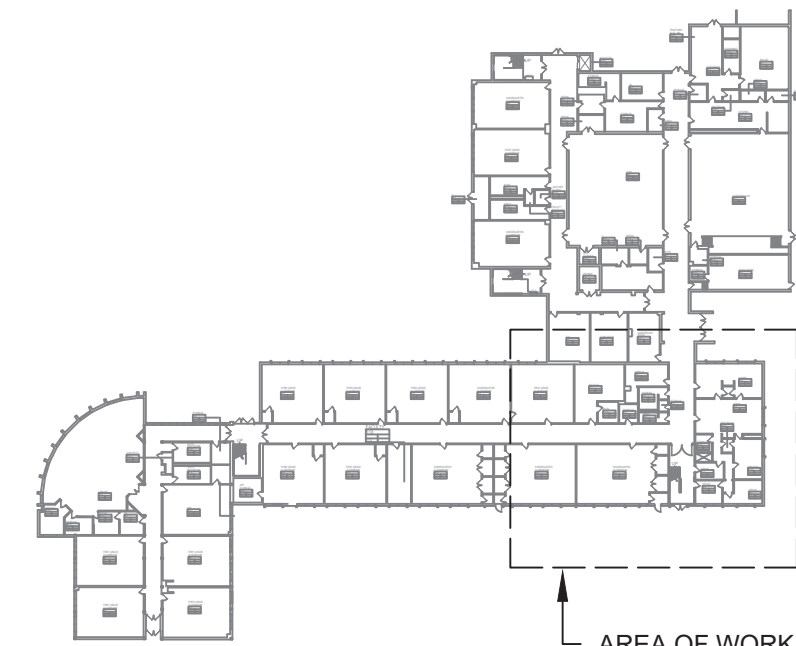
Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 1**

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

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



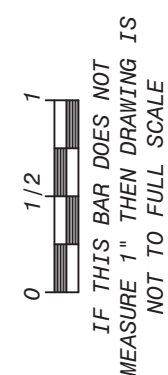
KEY PLAN

REMOVAL NOTES:

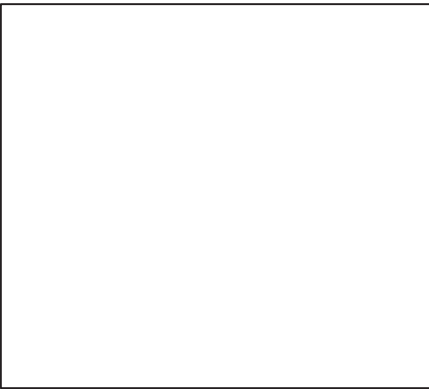
- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
- MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
- THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
- 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.



Revisions	
No.	Date
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 ROCKAWAY, NY 10961 PROJ. NO. : MNY-5000086.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD ROCKAWAY, NY 10961
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELS, WEST HAVESTRAW ELEMENTARY SCHOOL</b>	SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-026-018 SED# 50-02-01-06-0-024-015
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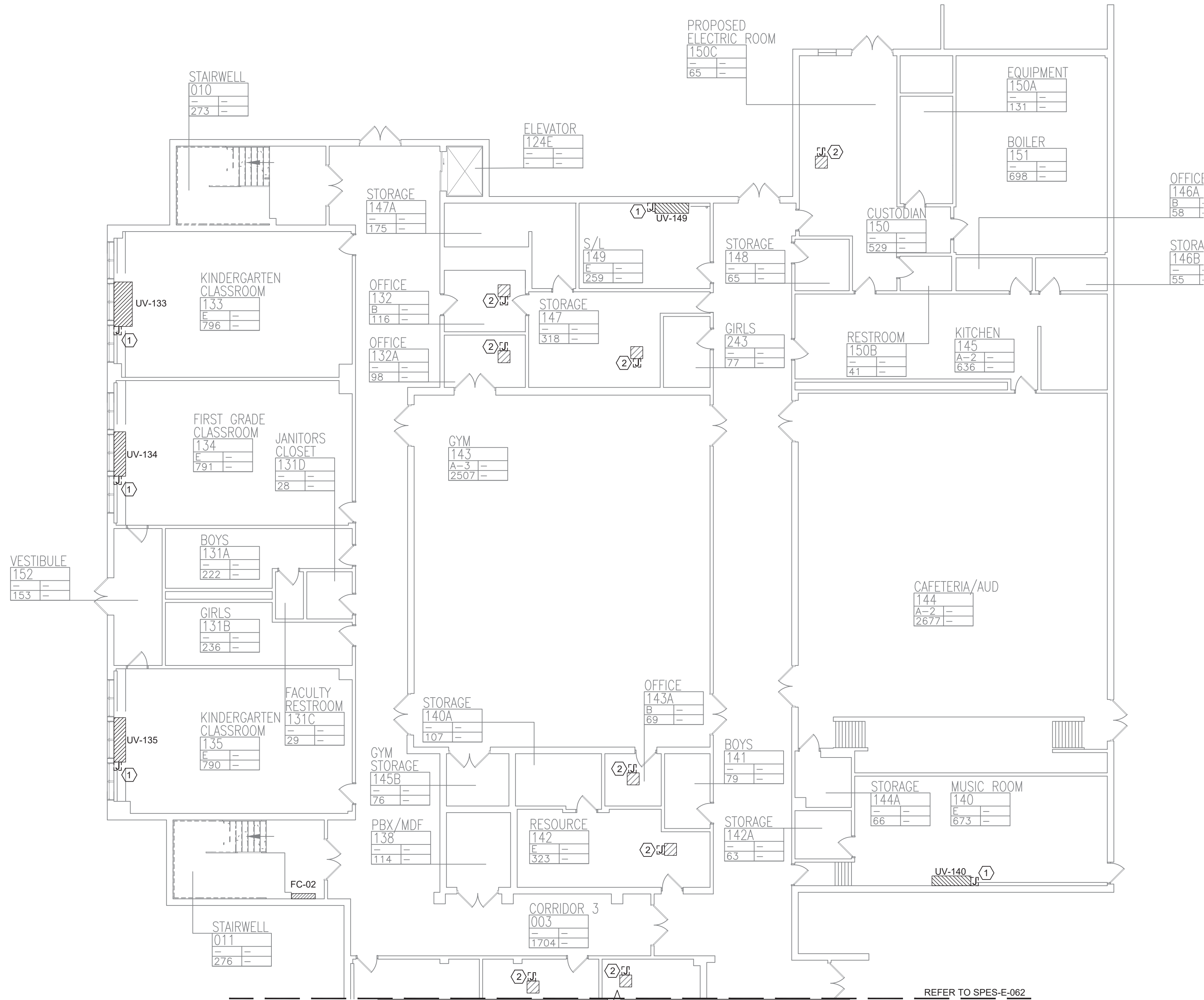
Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 2**

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



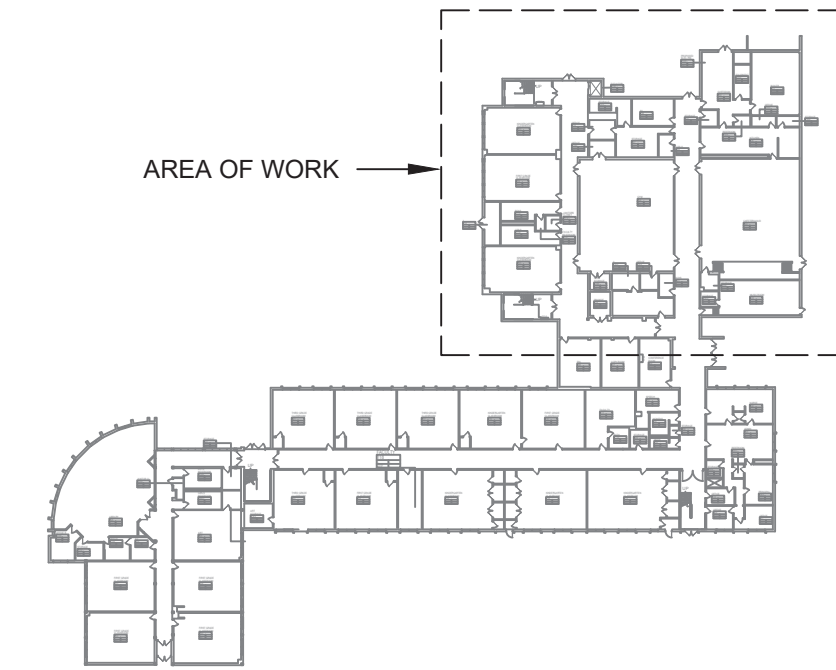
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# **1 FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 3**

SCALE: 3/32"=1'-0"

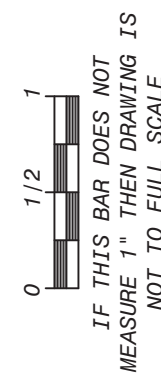


KEY PLAN

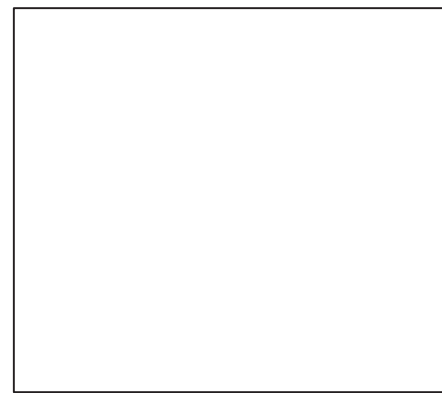


- ### REMOVAL NOTES:
- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
  - MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
  - THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE 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:
- ① 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.
- ② 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.



Revisions	
No.	Date
1	03-04-25



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 10981 PROJ. NO. : MNY-5000086.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELS, WEST HAVESTRAW ELEMENTARY SCHOOL</b>	SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-025-018 SED# 50-02-01-06-0-024-015
© COPYRIGHT, MICHAEL SHILALE ARCHITECTS, L.L.P. 140 Park Avenue New City, NY 10956 Tel 845-708-9200 www.shilale.com	STONY POINT UNIVENT REPLACEMENT

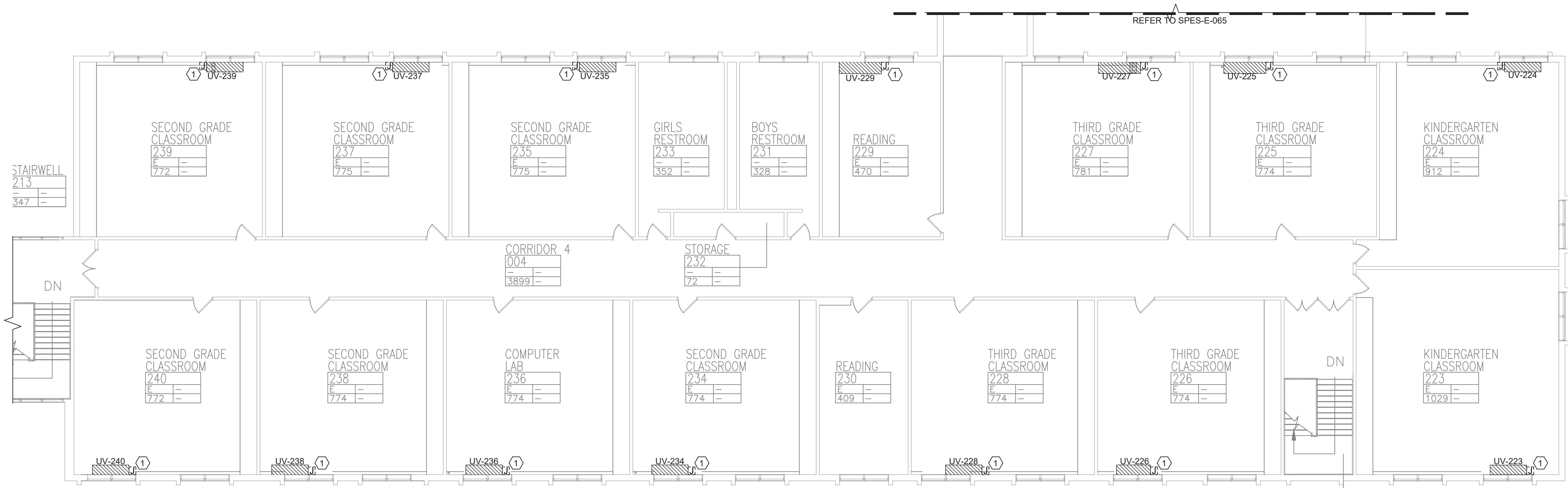


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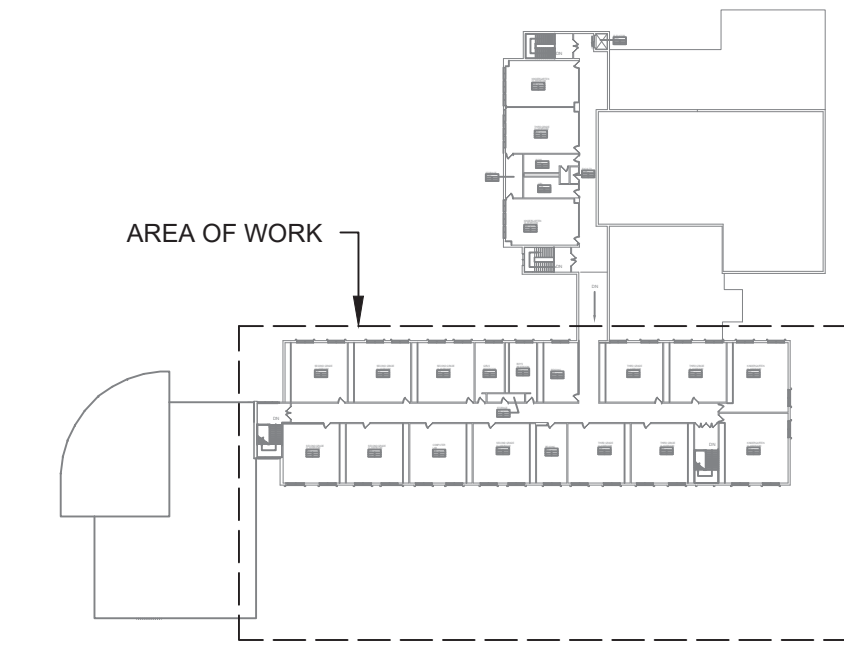
Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 3**

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

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



KEY PLAN



PLAN NORTH

**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:**

- ① 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.

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MEASURE 1" THEN DRAWING IS  
NOT TO FULL SCALE

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

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Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981 PROJ. NO. : NY-5000086.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELS, WEST HAVESTRAW ELEMENTARY SCHOOL</b> SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-026-018 SED# 50-02-01-06-0-024-015 STONY POINT, NY 10980
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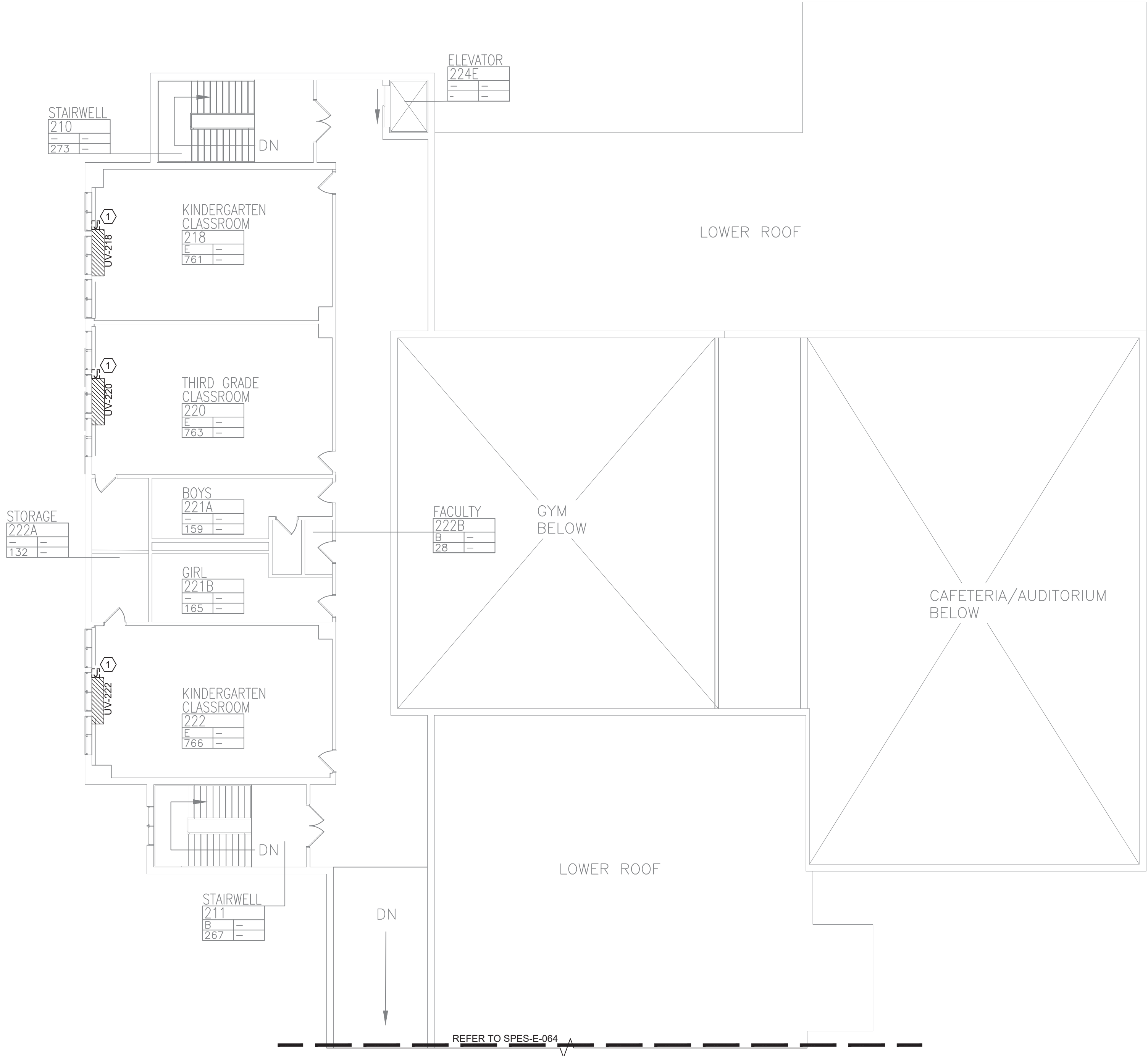


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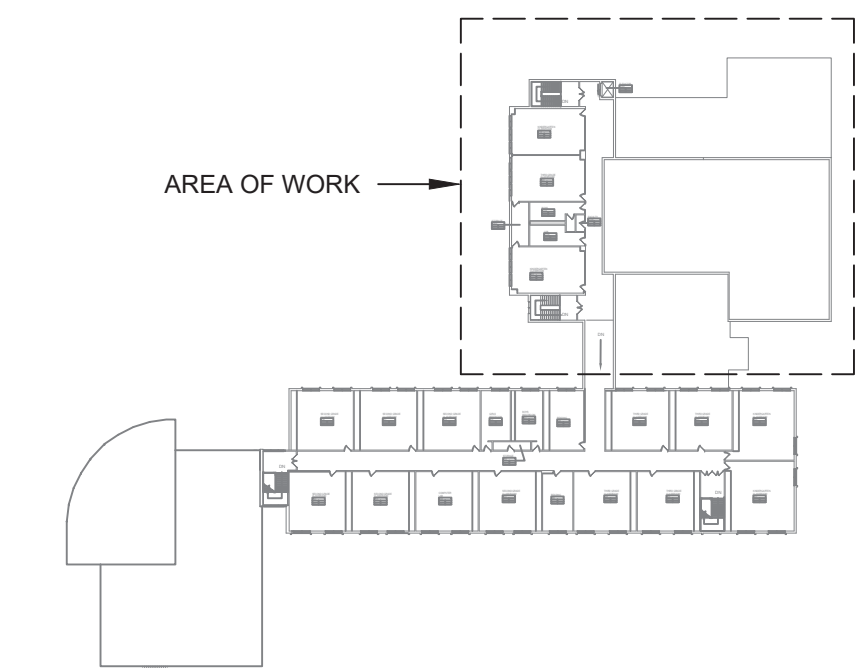
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**SECOND FLOOR  
PARTIAL REMOVAL -  
ELECTRICAL - 1**

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

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



KEY PLAN



**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:**

- ① 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.

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MEASURE 1" THEN DRAWING IS  
NOT TO FULL SCALE

Revisions	
No.	Date
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 10981 PROJ. NO. : MNY-5000086.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELS, WEST HAVESTRAW ELEMENTARY SCHOOL</b>	SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-025-018 SED# 50-02-01-06-0-024-015
DESIGNED BY: GREENMAN PEDERSEN, INC STONY POINT, NY 10980	SEAL & SIGNATURE: [Signature] STONY POINT, NY 10980



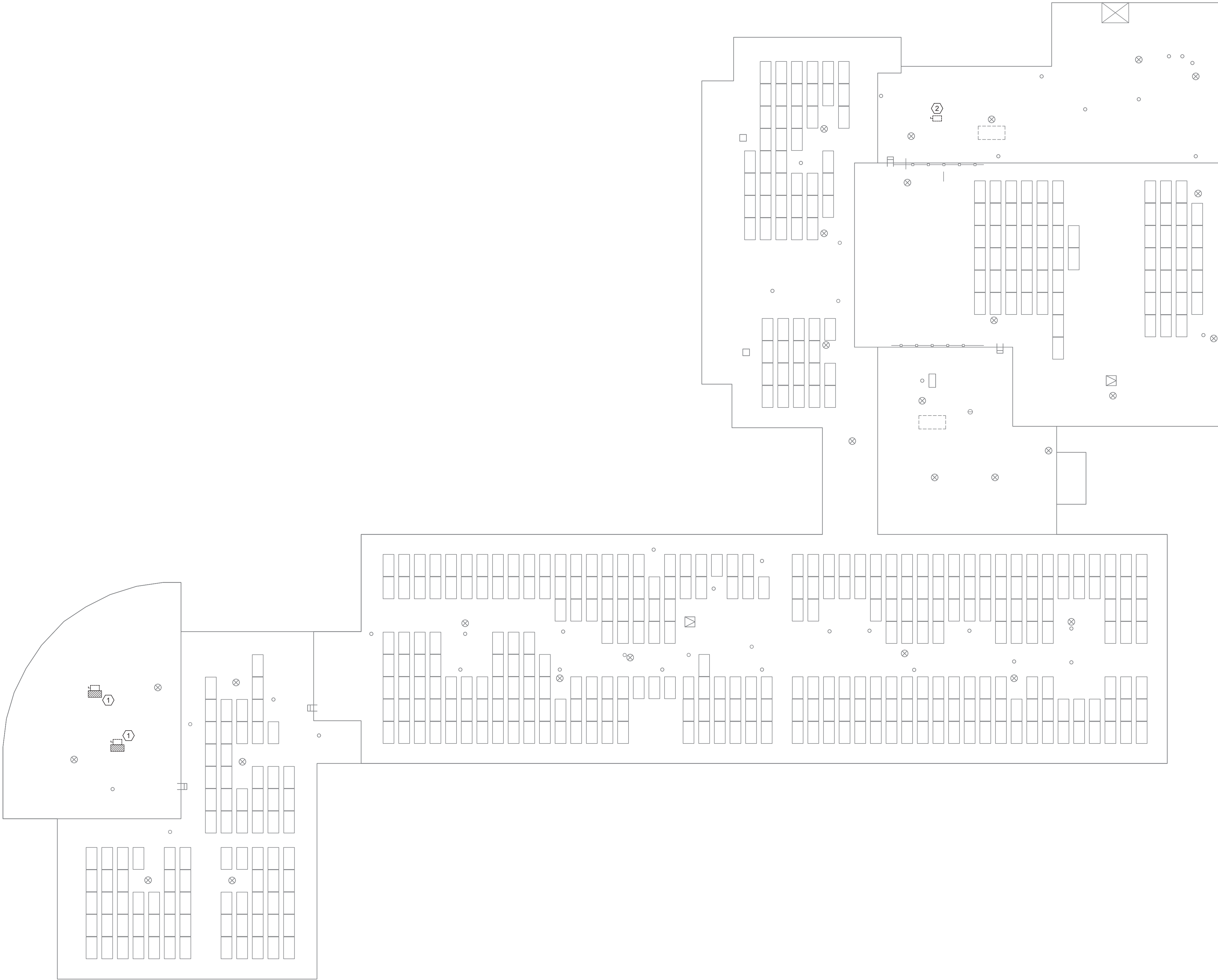
MICHAEL SHILALE ARCHITECTS, LLP  
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Drawing Title  
**SECOND FLOOR PARTIAL REMOVAL - ELECTRICAL - 2**

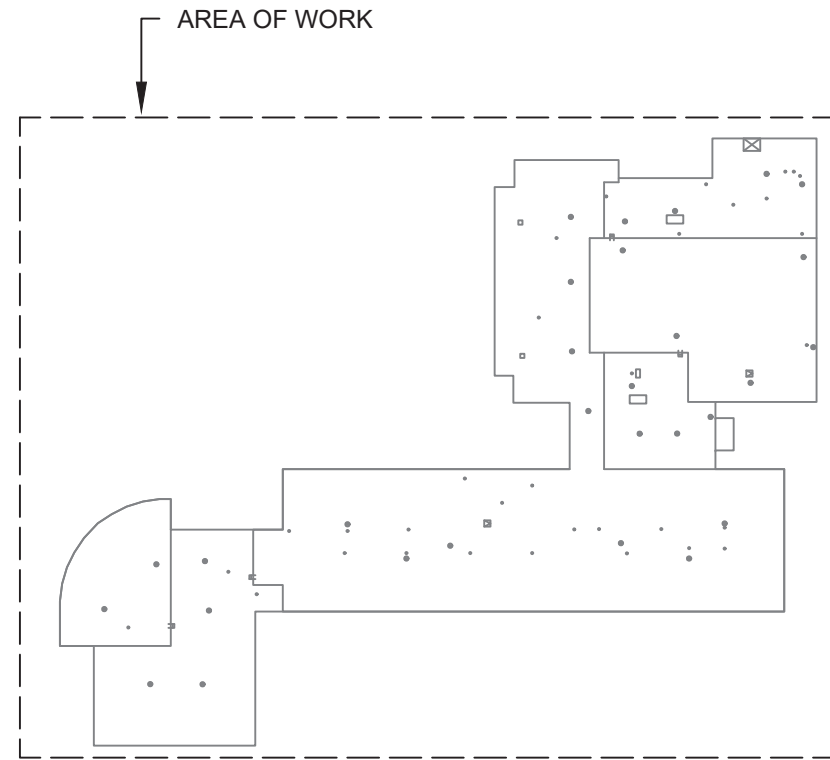
Drawing No.  
**SPES-E-065**

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



KEY PLAN



PLAN NORTH

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 CONDENSER UNIT 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 AND REMOVE THE ELECTRICAL CONNECTION TO THE EXISTING EXHAUST FAN AND ALL ASSOCIATED DISCONNECT SWITCH, JUNCTION BOX, CONDUITS AND WIRING BACK TO SOURCE.



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

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Drawing Title  
**ROOF REMOVAL PLAN  
- ELECTRICAL**



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Drawing No.  
**SPES-E-066**

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

GREENMAN PEDERSEN, INC.  
STONY POINT, NY 10980

Mechanical  
Electrical  
Engineer:

GREENMAN  
PEDERSEN, INC  
2 EXECUTIVE BOULEVARD  
STONY POINT, NY 10901  
PROJ. No. : MNY-2000086.00

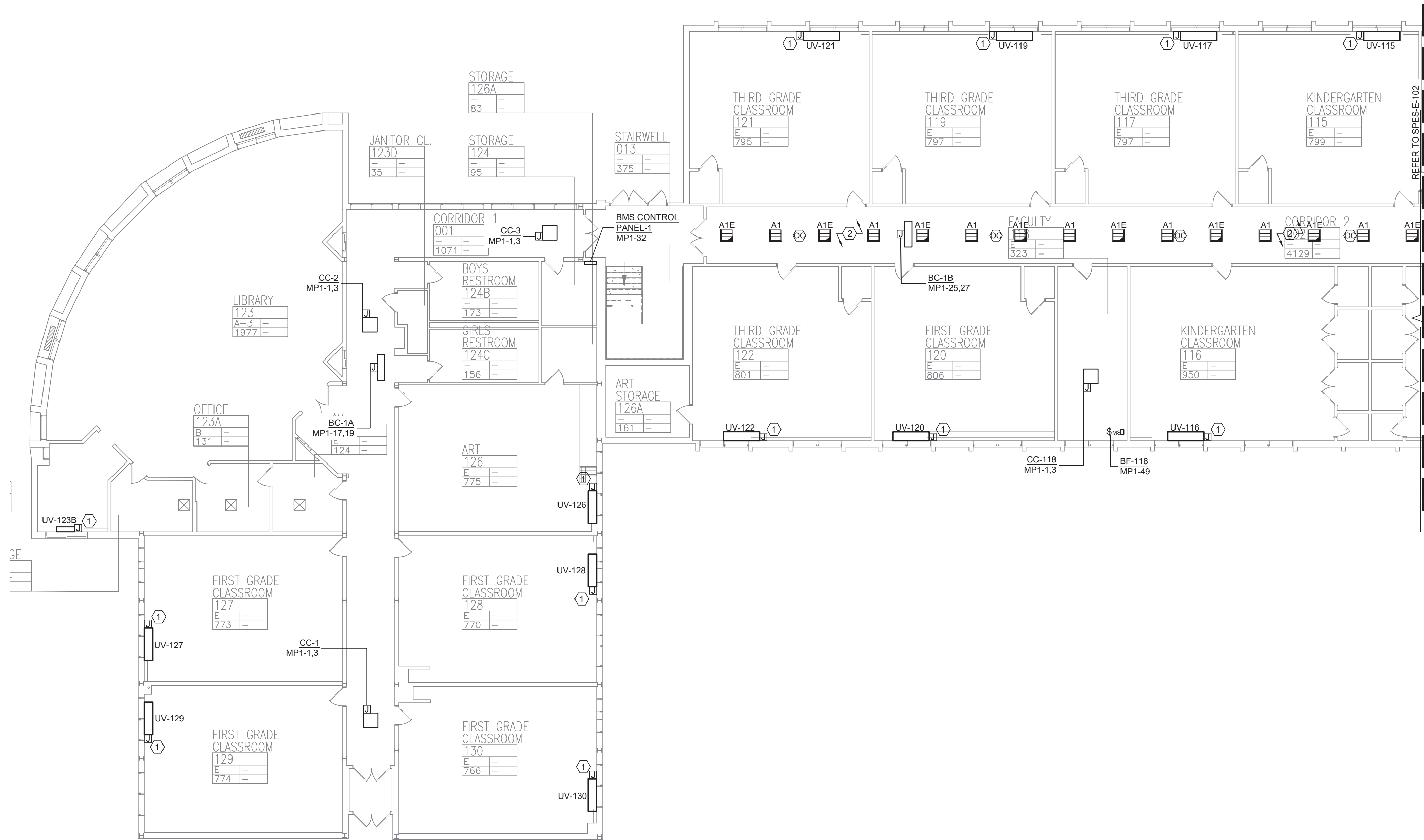
Structural  
Engineer:

GREENMAN  
PEDERSEN, INC  
2 EXECUTIVE BOULEVARD  
STONY POINT, NY 10901

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Checked by SH  
Project No. 43040  
Scale AS NOTED  
Date 03-04-25



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



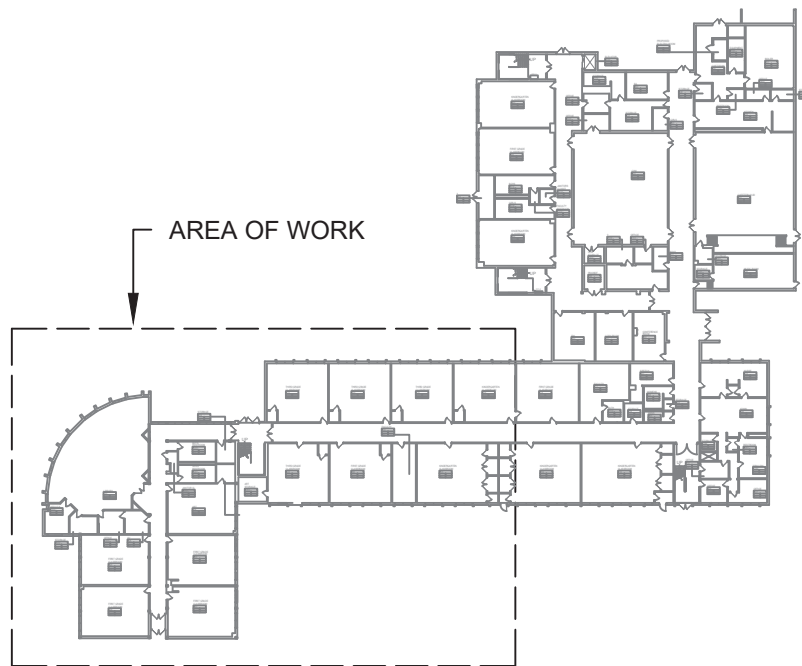
**1 FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 1**  
SCALE: 3/32"=1'-0"

**PLAN NOTES:**

1. REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
2. 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.
3. PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
4. UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. ALL GROUNDING SHALL BE PROVIDED BY THE CONTRACTOR AS PER NEC 2017.
12. 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.
- ② 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.

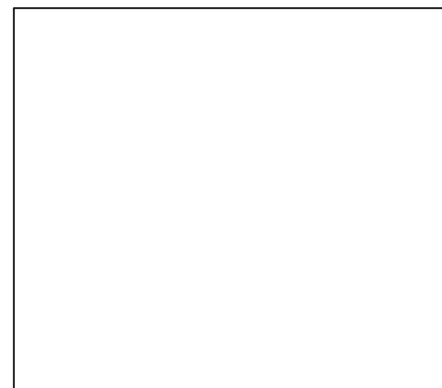


**KEY PLAN**



**PLAN NORTH**

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 SUITE 200 STONY POINT, NY 10980 PROJ. NO. : MNY-2000080.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUITE 200 STONY POINT, NY 10980
Mechanical & Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT THIEL'S WEST HAVESTRAW ELEMENTARY SCHOOL</b>	SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-025-018 SED# 50-02-01-06-0-024-015
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Drawing Title  
**FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 1**

Drawing No.  
**SPES-E-101**





1. REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
2. ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF 2#12-2 #12IG 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-001 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
3. PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
4. UPDATE ALL EXISTING PANEL DIRECTORYS AFFECTED BY NEW WORK.
5. 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.
6. 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.
7. REFER TO MECHANICAL PLANS FOR EQUIPMENT TO BE SUPPLIED BY OTHER TRADES AND INSTALLED THEREUNDER. UNDER THIS SECTION, COORDINATE LOCATION OF DEVICES WITH OTHER CONTRACTORS.
8. 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.
9. 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.
10. 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.
11. ALL GROUNDING SHALL BE PROVIDED BY THE CONTRACTOR AS PER NEC 2017.
12. 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.

- ① RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY
- ② 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.
- ③ PROVIDE AND INSTALL A NEW 100A, 120/208V, 3PH, 4W PANEL MP-1. PROVIDE NEW WIRING AND CONDUIT. REFER TO SPES-E-501 FOR PANEL SCHEDULE.



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

Drawing No.

**SPES-E-102**

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

**GURNEE DR,**  
**STONY POINT**  
P.O. OFF. 430, CANTONMENT

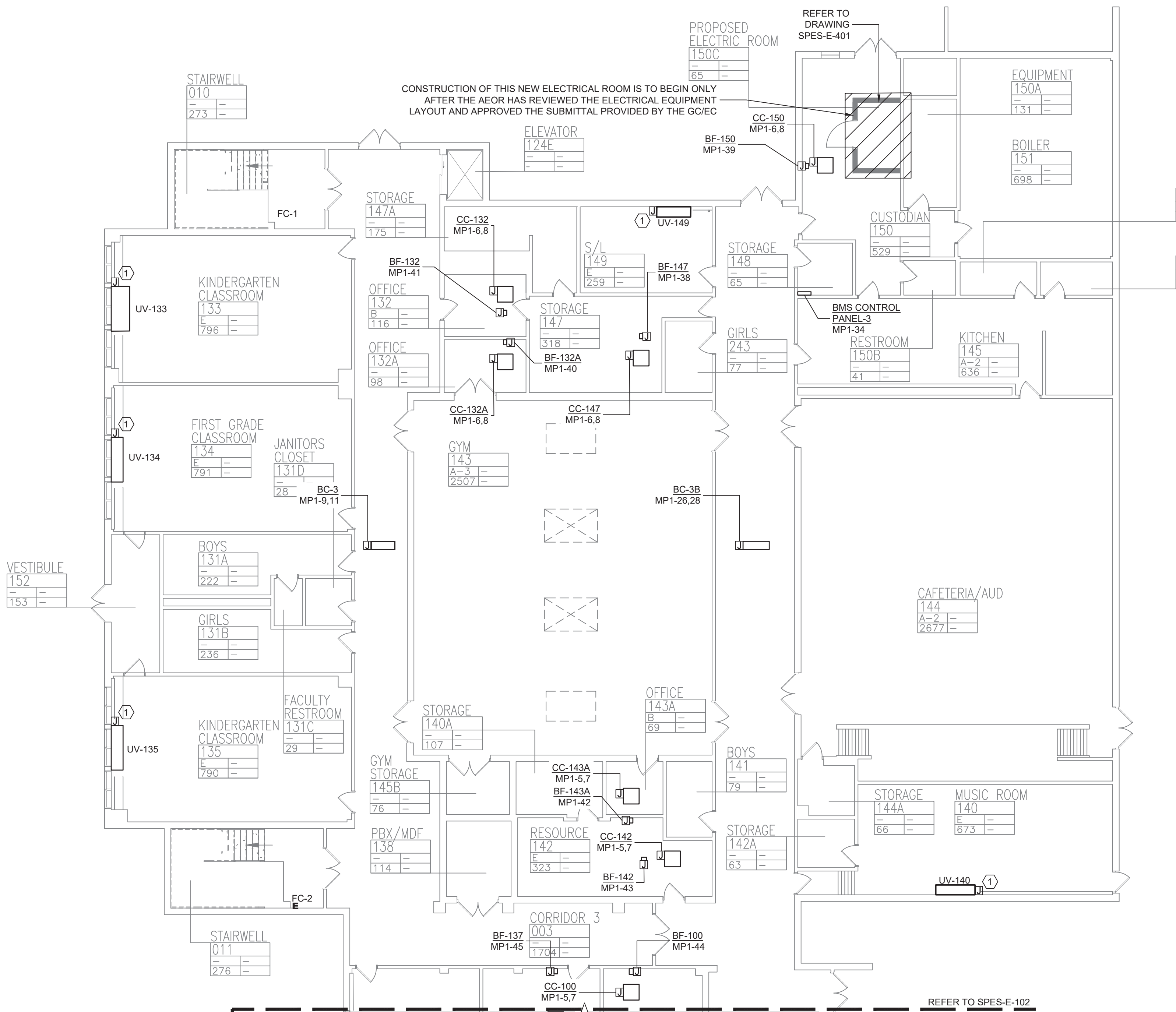
**Mechanical  
& Electrical  
Engineer:**

Structural  
Engineer:

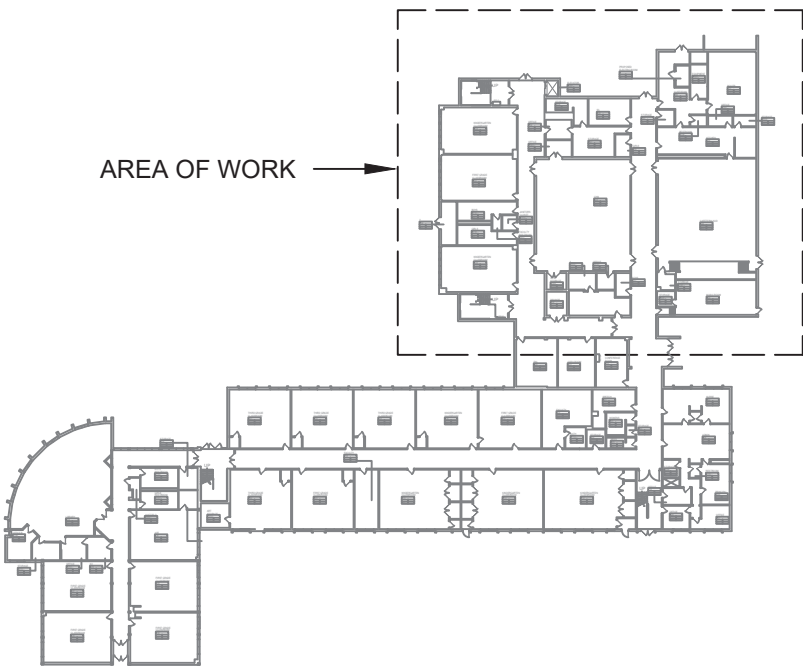
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

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



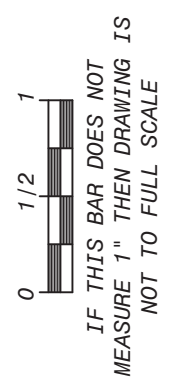


**1 FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 3**  
SCALE: 3/32"=1'-0"



**KEY PLAN**

- 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. 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.



Revisions	
No.	Date
1	03-04-25


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 10980 PROJ. NO. : MNY-2000080.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10980
Mechanical Electrical Engineer:	Structural Engineer:

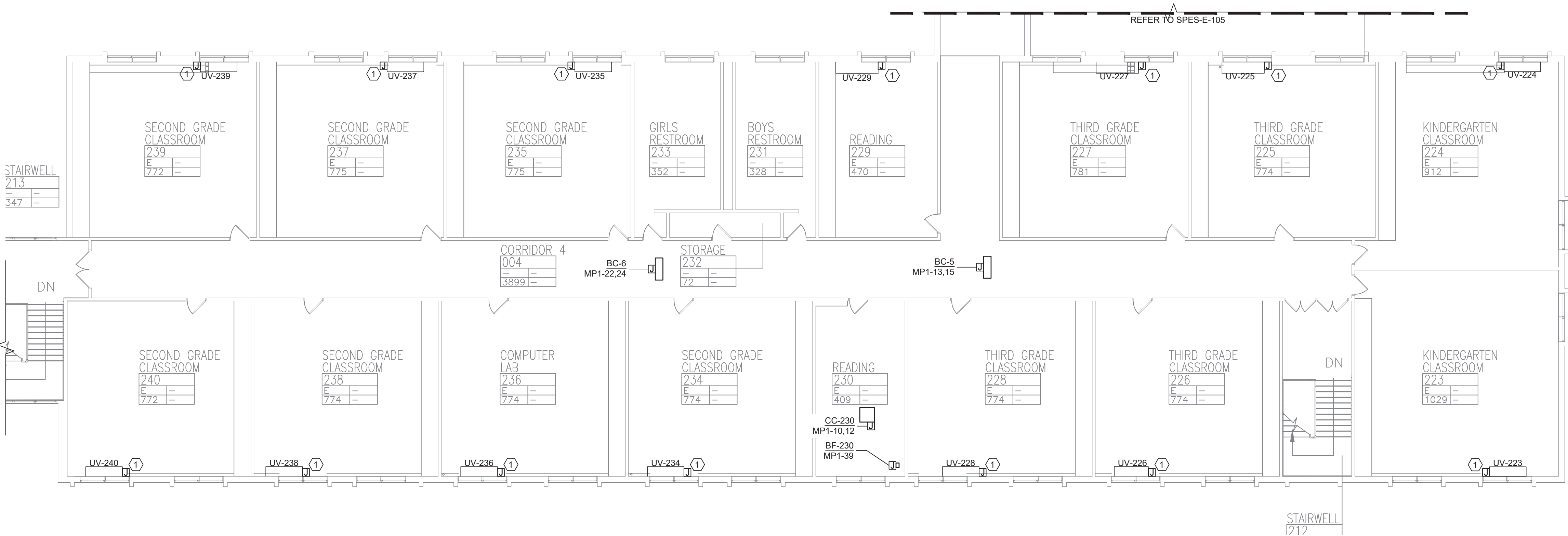
<b>UNIVENT REPLACEMENT AT STONY POINT THIEL'S WEST HAVESTRAW ELEMENTARY SCHOOL</b>	SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-025-018 SED# 50-02-01-06-0-024-015
OWNER: NY STATE STONY POINT, NY 10980	DESIGN: RANBY ROCKLAND COUNTY

<b>MSA</b> MICHAEL SHILALE ARCHITECTS, LLP 140 Park Avenue New City, NY 10956 Tel 845-708-9200 www.shilale.com
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Drawing Title <b>FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 3</b>	Drawing No. <b>SPES-E-103</b>
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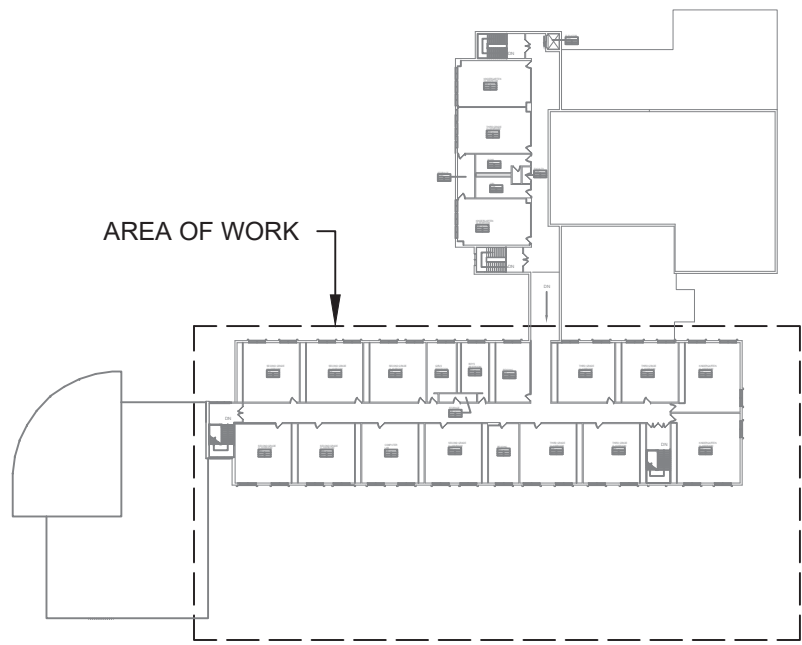
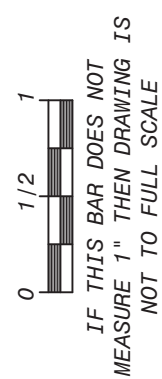
**1 SECOND FLOOR PARTIAL PLAN - ELECTRICAL - 1**  
SCALE: 3/32"=1'-0"

**PLAN NOTES:**

- REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
- ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF 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 RUNNING 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:**

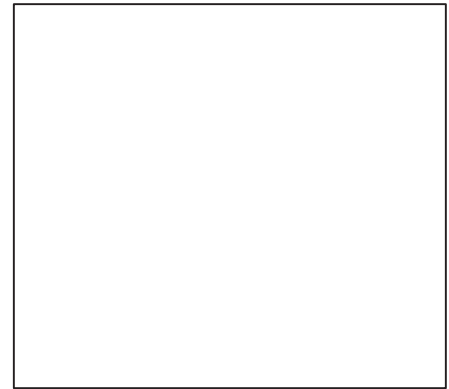
- ① RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.



**KEY PLAN**



Revisions	
No.	Date
1	03-04-25



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 10981 PROJ. NO. : MNY-500008-00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL</b> 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 UNIVENT REPLACEMENT
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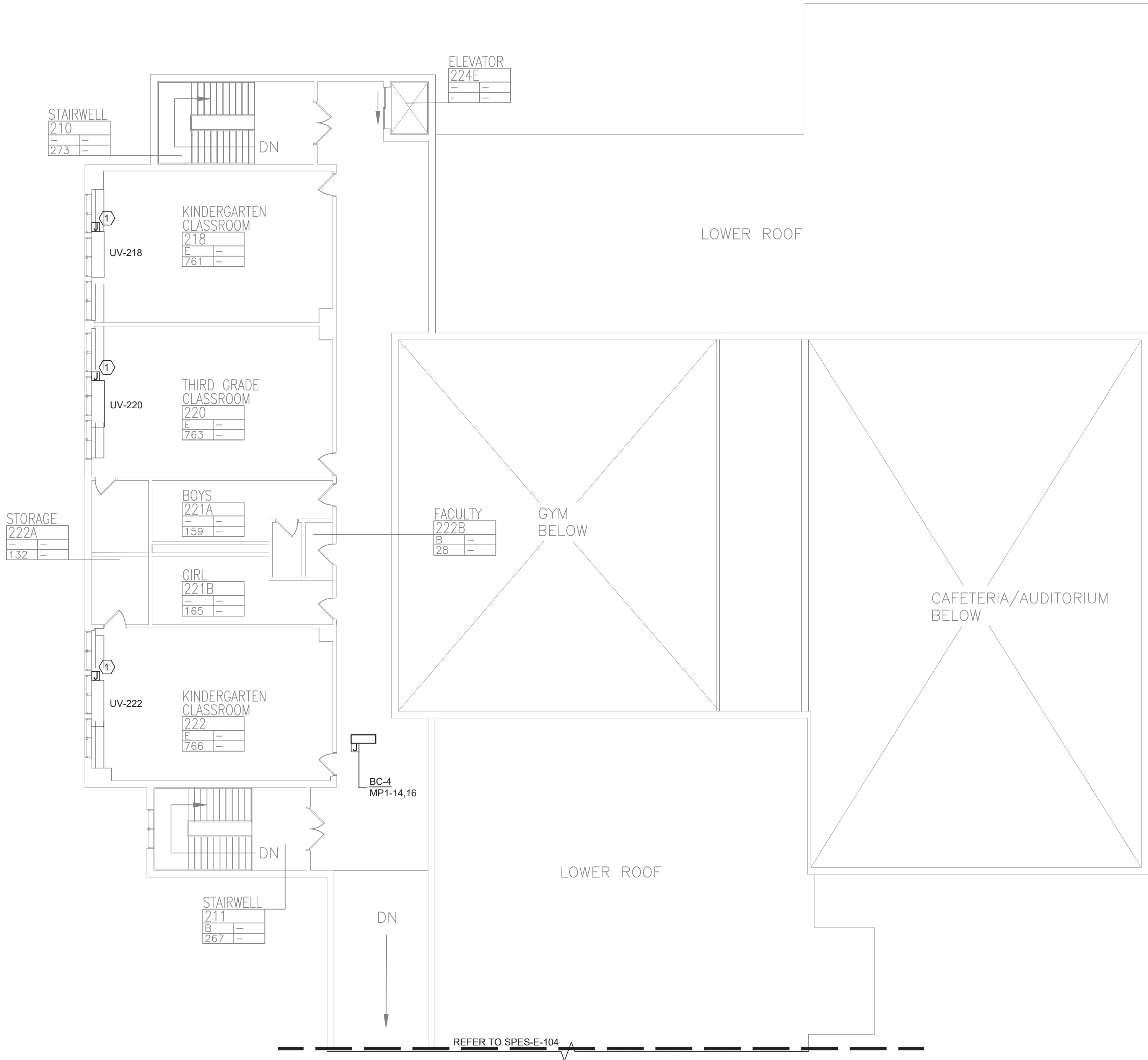
MICHAEL SHILALE ARCHITECTS, LLP  
140 Park Avenue New City, NY 10956 Tel 845-708-9200  
www.shilale.com

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

Drawing No.  
**SPES-E-104**





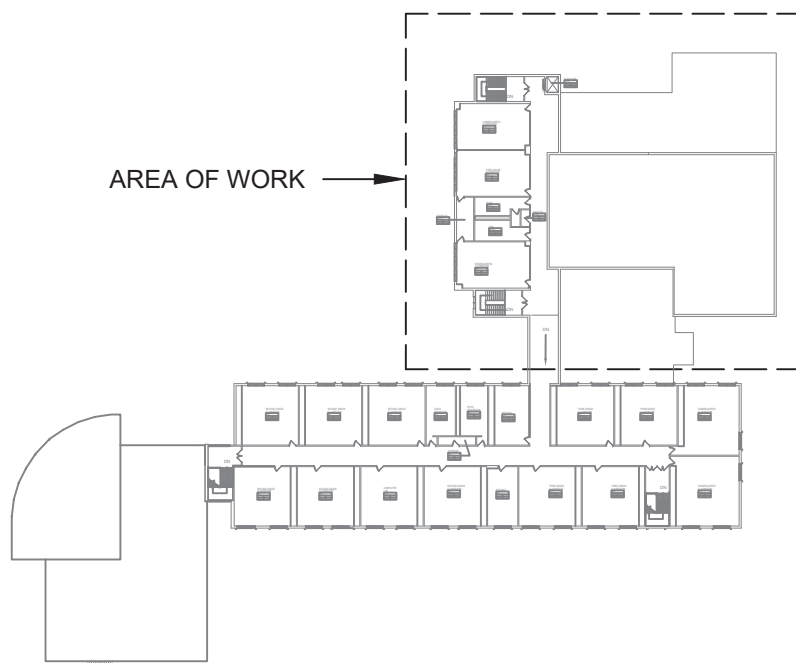
**1 SECOND FLOOR PARTIAL PLAN - ELECTRICAL - 2**  
SCALE: 3/32"=1'-0"

#### PLAN NOTES:

1. REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
2. 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.
3. PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
4. UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
5. 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.
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7. 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.
8. 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.
9. 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.



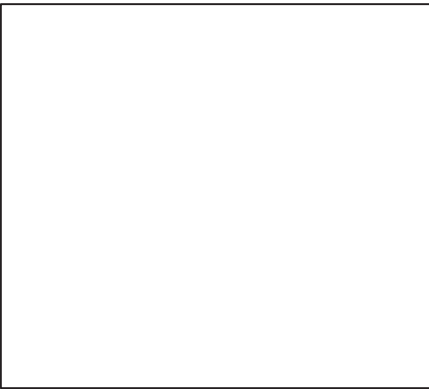
#### KEY PLAN



PLAN NORTH

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

<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUITE 200 STONY POINT, NY 10981 PROJ. NO. : MNY-5000086.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUITE 200 STONY POINT, NY 10981
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAVESTRAW ELEMENTARY SCHOOL</b> SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-025-018 SED# 50-02-01-06-0-024-015 © GREENMAN PEDERSEN, INC STONY POINT, NY 10980	STONY POINT BROCKLAND ELEMENTARY
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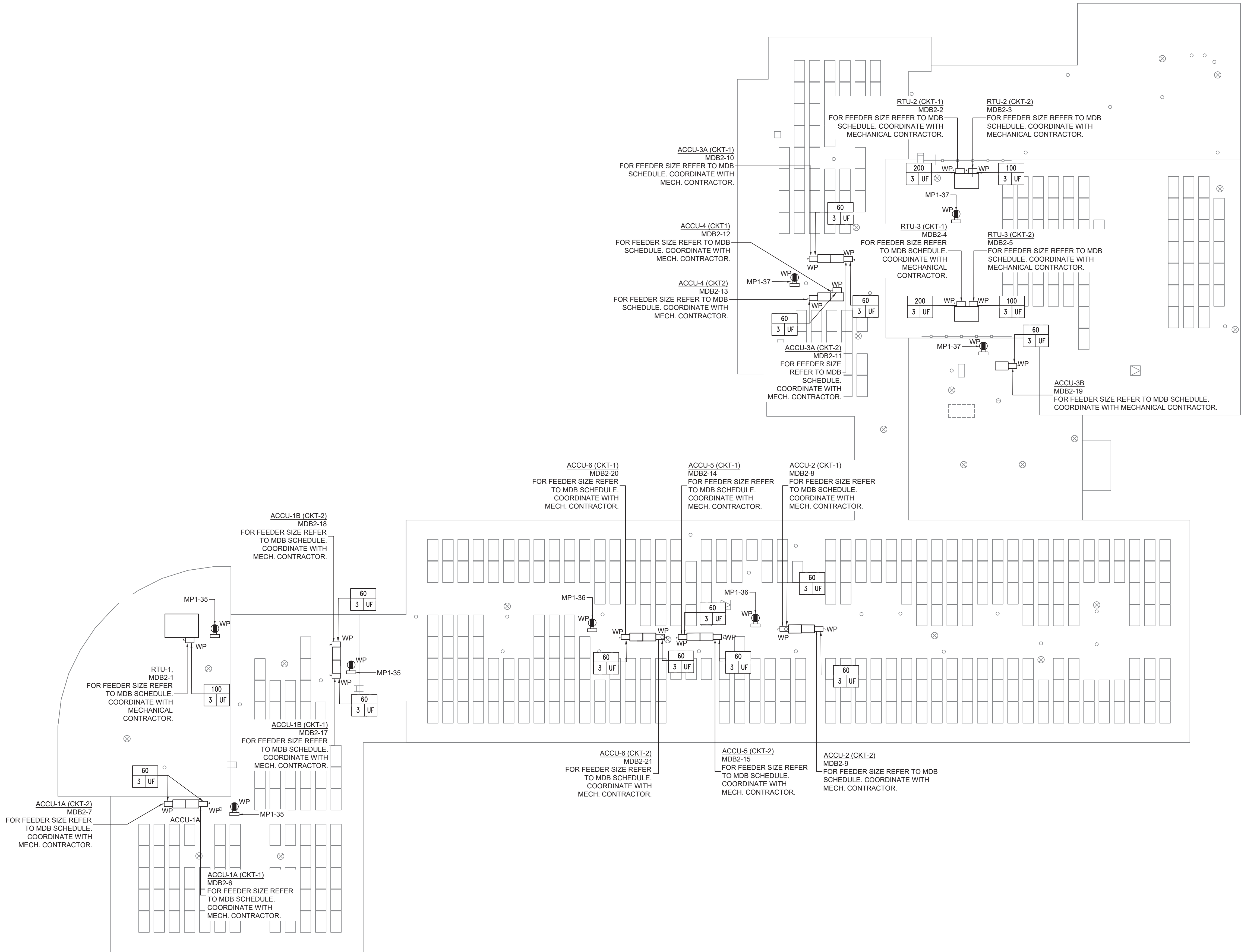


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Drawing Title  
**SECOND FLOOR PARTIAL PLAN - ELECTRICAL - 2**

Drawing No.  
**SPES-E-105**





# 1 ROOF PLAN - ELECTRICAL

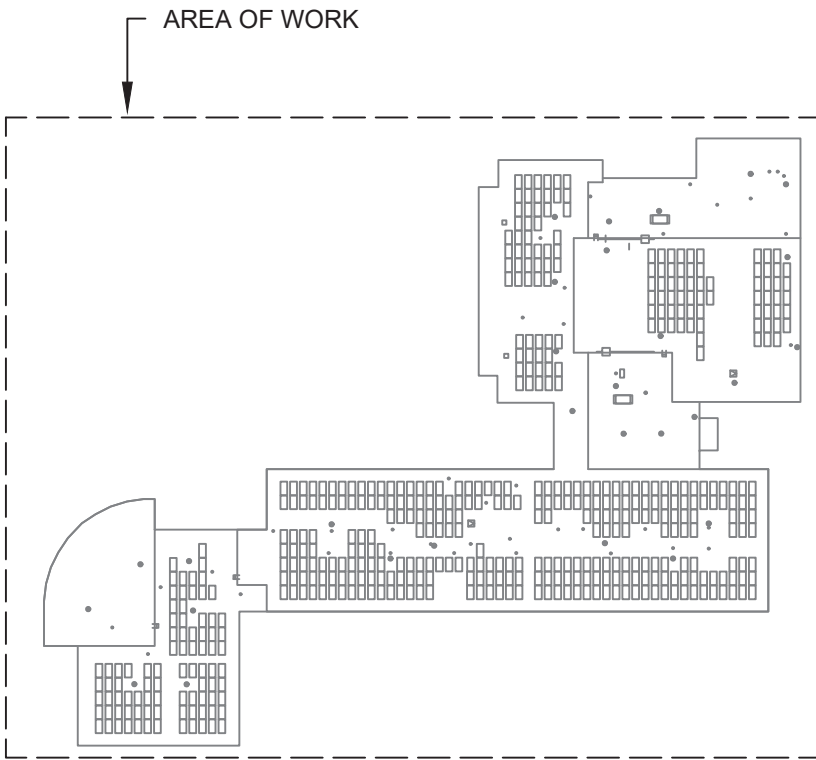
SCALE: 1/16"=1'-0"

## PLAN NOTES:

1. REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING E-001.
2. 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.
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4. UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
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8. 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.
9. 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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12. 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



PLAN NORTH

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Drawing Title  
**ROOF PLAN - ELECTRICAL**



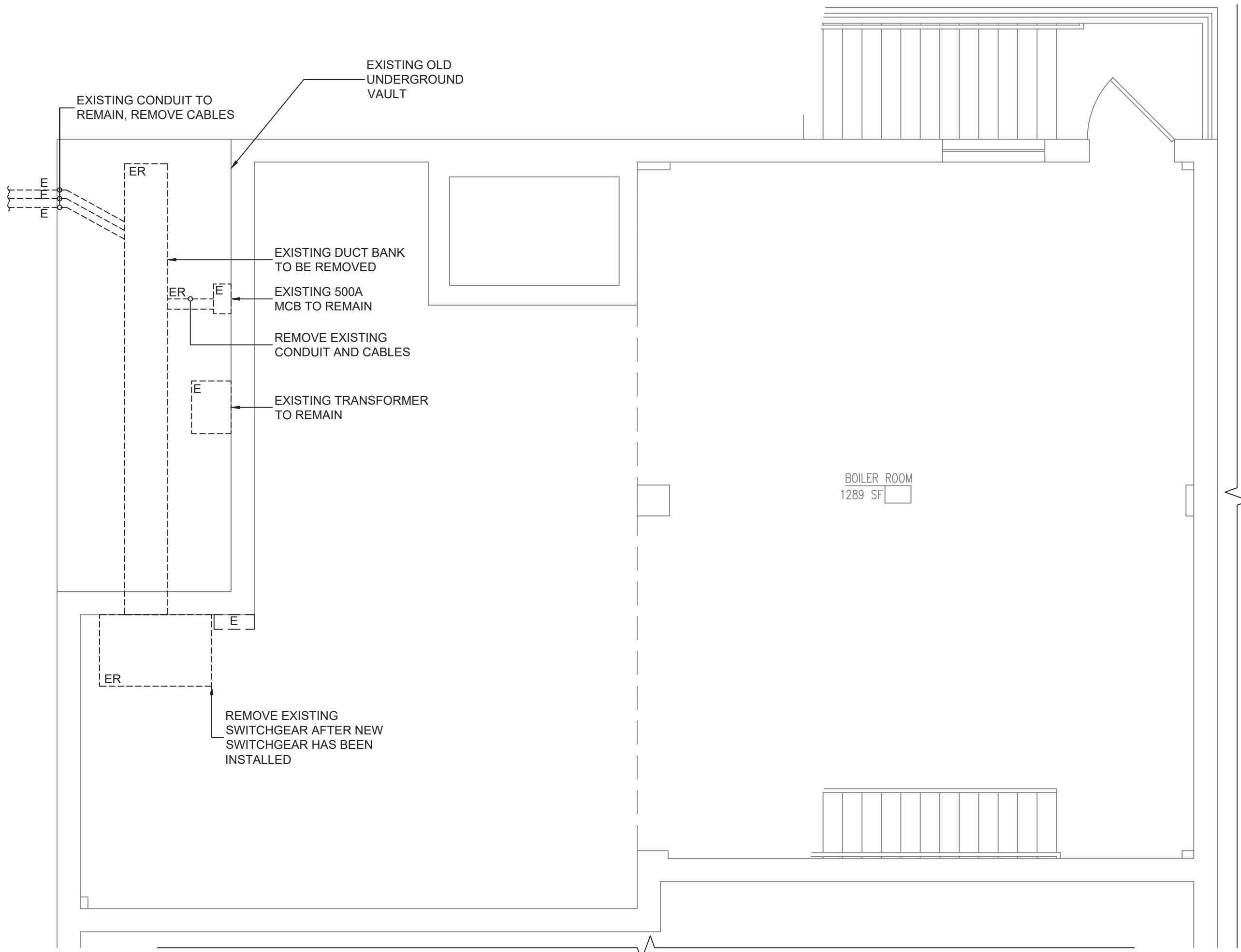
Drawing No.  
**SPES-E-106**

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

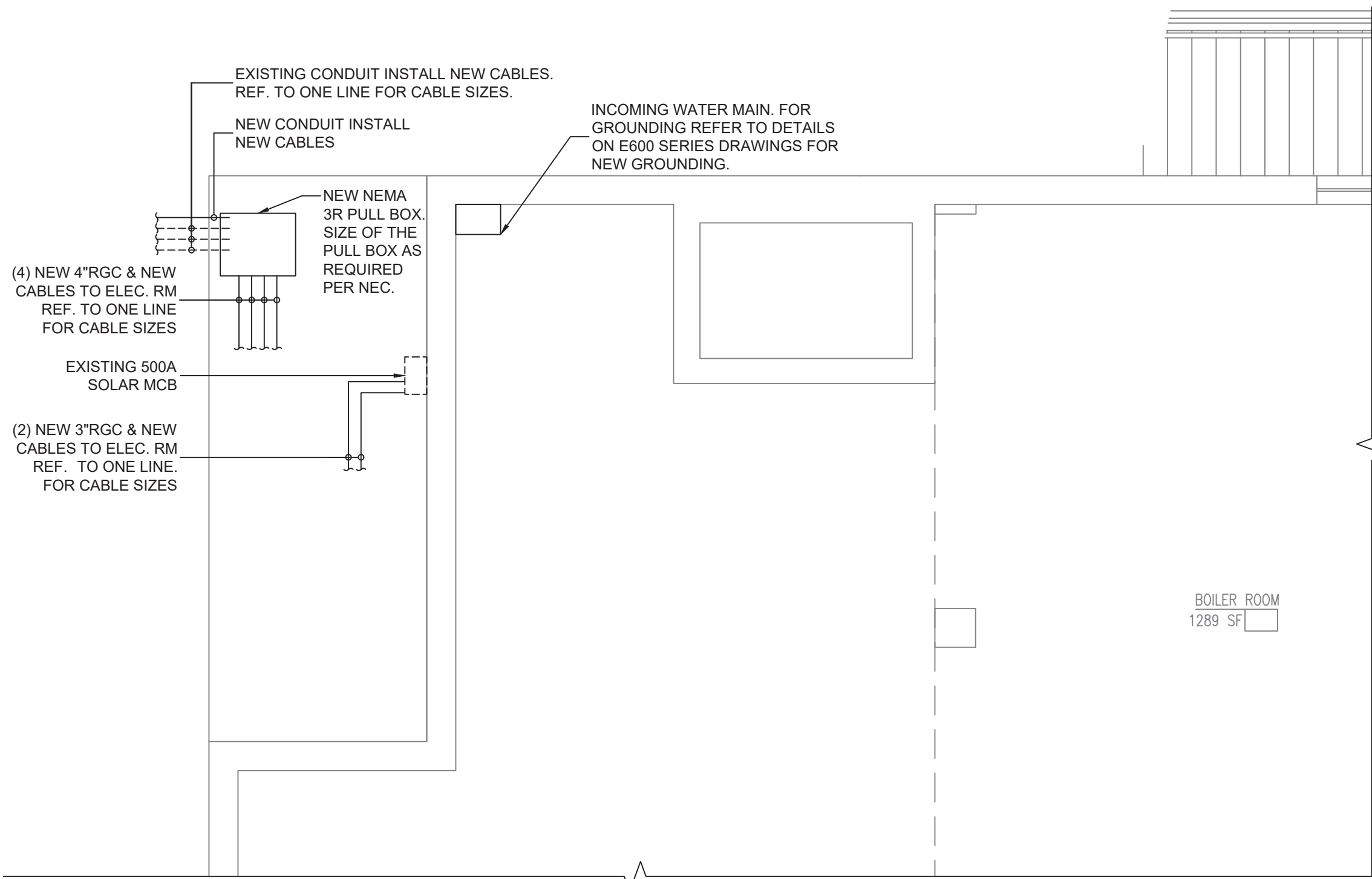
**GREENMAN PEDERSEN, INC**  
2 EXECUTIVE BOULEVARD  
SUITE 200  
STONY POINT, NY 10980  
PROJ. NO. : MNY-2000086.00  
Mechanical Electrical Engineer:  
**GREENMAN PEDERSEN, INC**  
2 EXECUTIVE BOULEVARD  
SUITE 200  
STONY POINT, NY 10980  
Structural Engineer:

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

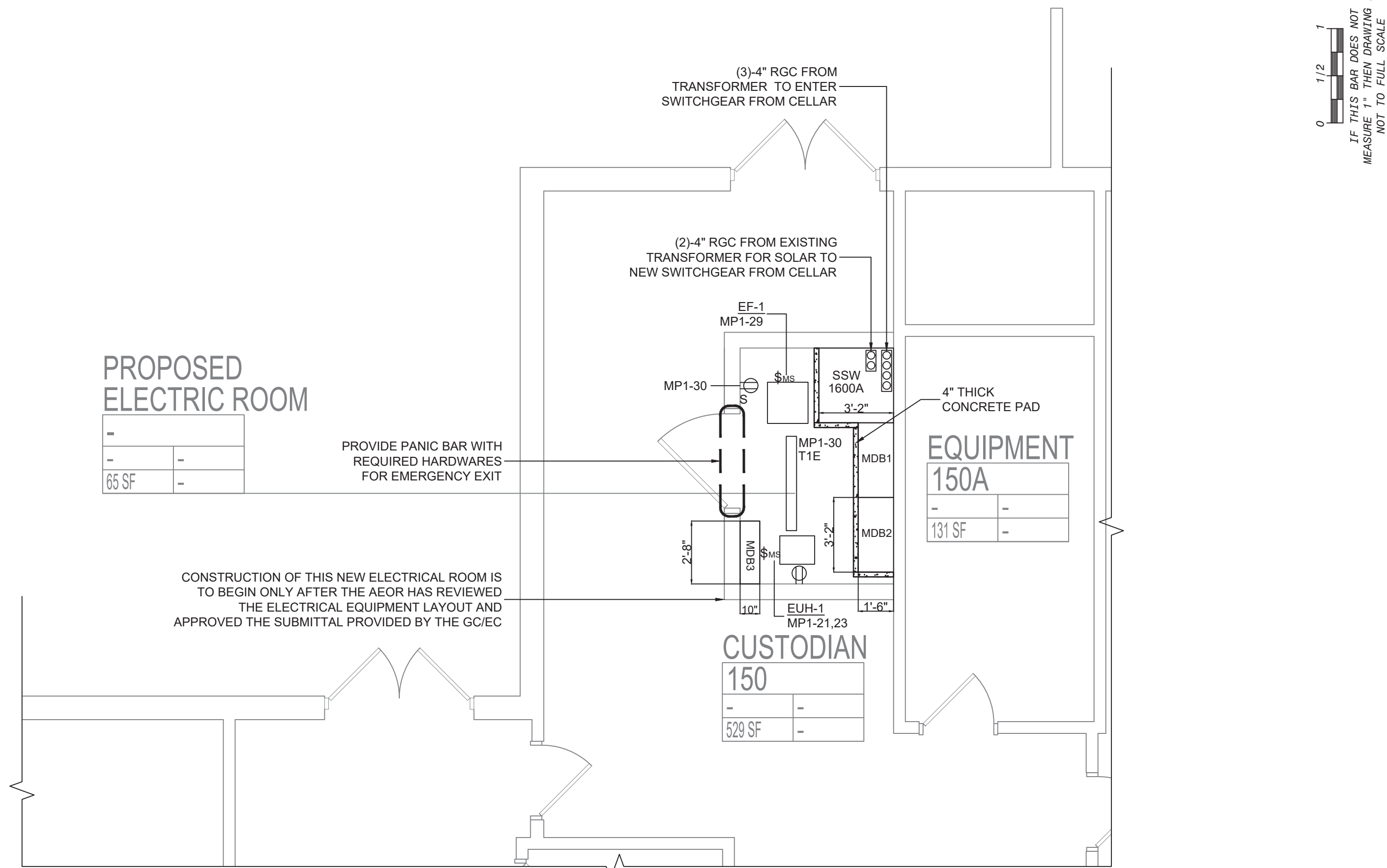
No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS



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



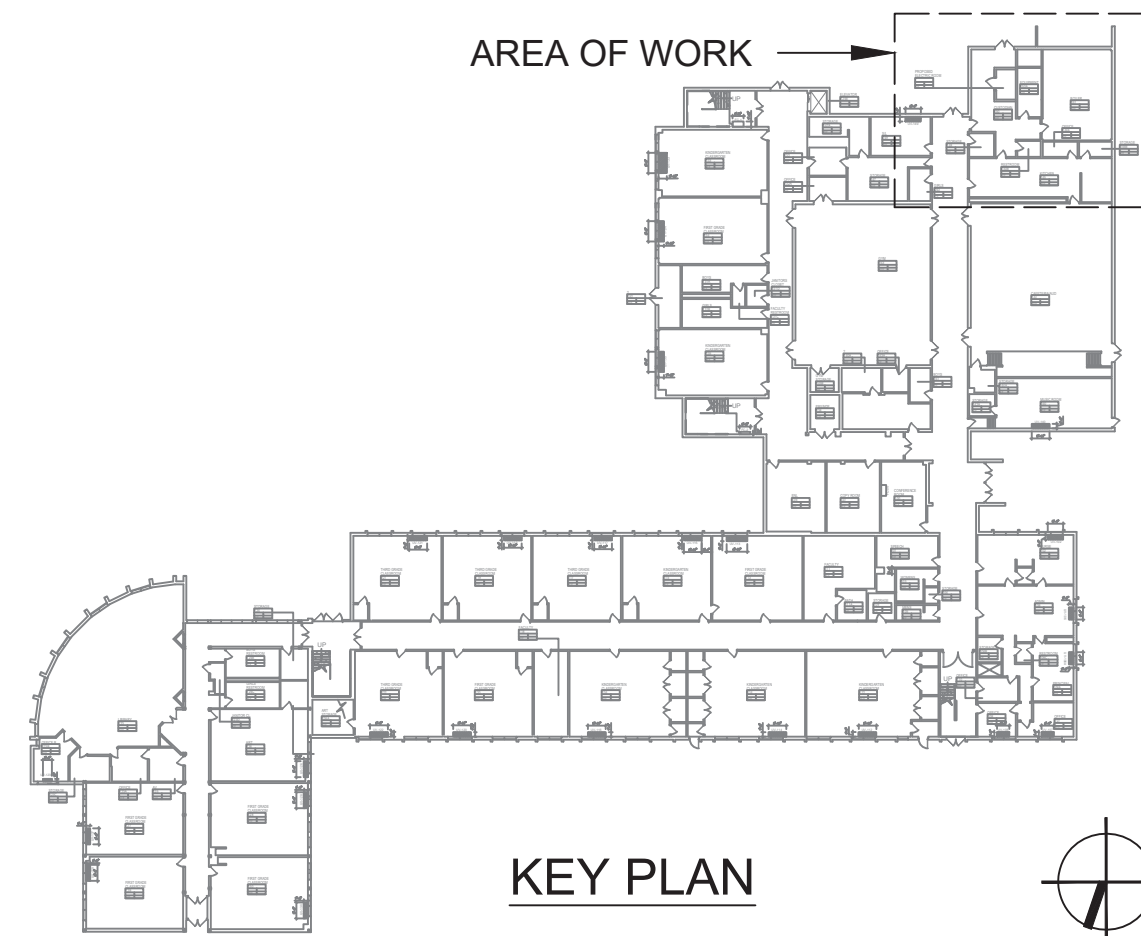
**3 NEW ELECTRICAL BASEMENT PART PLAN**  
SCALE: 1/4"=1'-0"



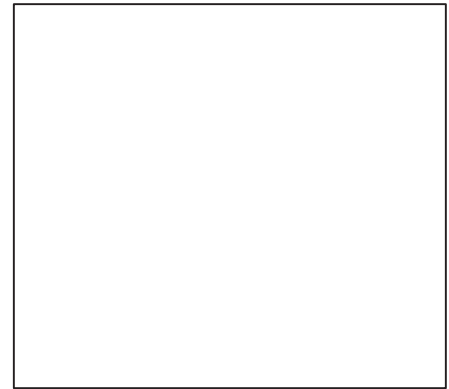
**2 ELECTRICAL PROPOSED ELECTRICAL ROOM**  
SCALE: 1/4"=1'-0"

### 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

<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981 PROJ. No. : MNY-2000086.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD STONY POINT, NY 10981
Mechanical Electrical Engineer:	Structural Engineer:

<b>UNIVENT REPLACEMENT AT STONY POINT, THIELS, WEST HAVESTRAW ELEMENTARY SCHOOL</b> SED# 50-02-01-06-0-014-012 SED# 50-02-01-06-0-025-018 SED# 50-02-01-06-0-024-015 DESIGNED BY: STONY POINT, NY 10980 PROJECT AND LOCATION
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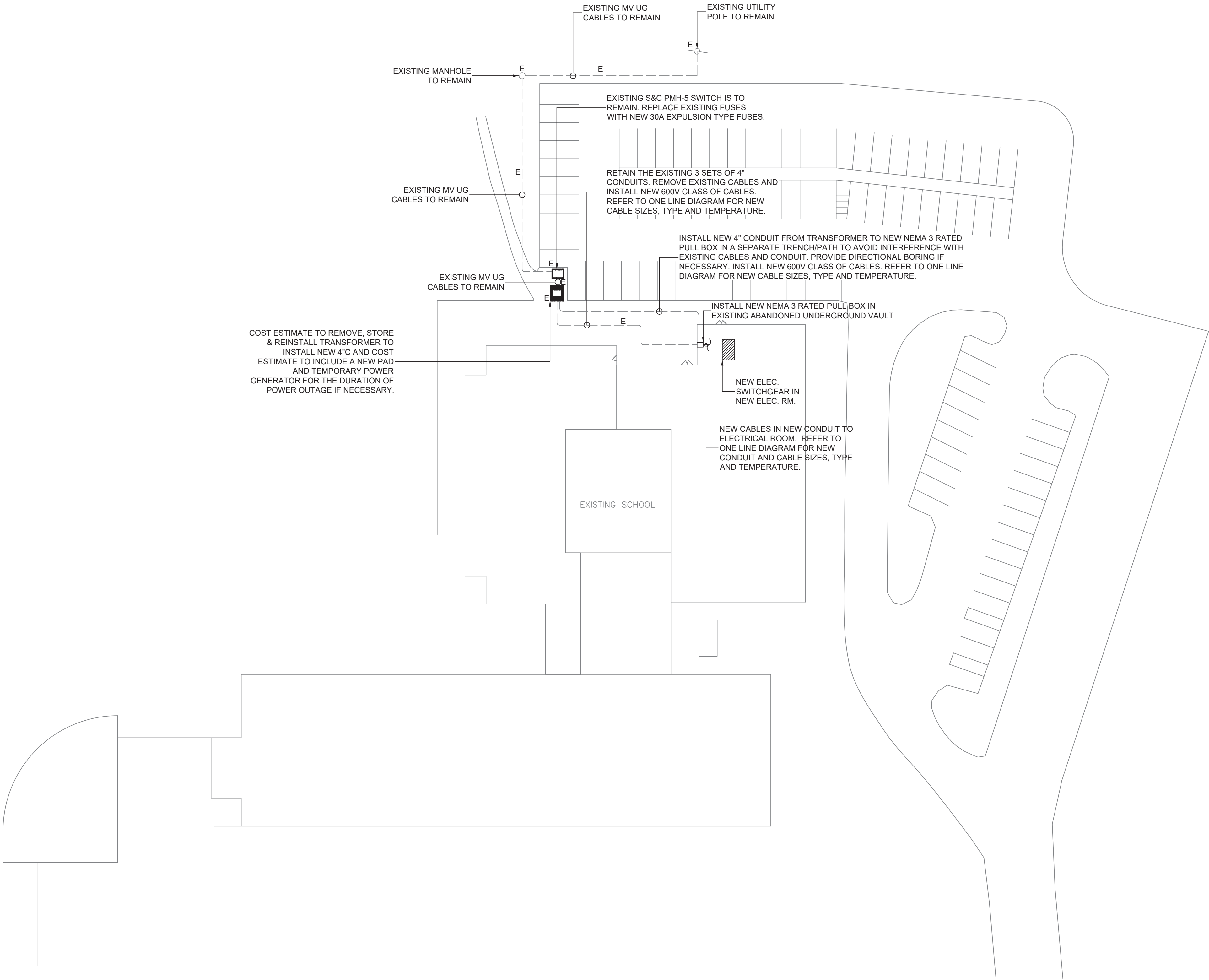
MICHAEL SHILA LE ARCHITECTS, LLP  
140 Park Avenue New City, NY 10956 Tel 845-708-9200  
www.shilale.com

Drawing Title  
**PART PLANS - ELECTRICAL**

Drawing No.  
**SPES-E-401**

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**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

Drawing Title  
**SITE PLAN -  
ELECTRICAL**

Drawing No.  
**SPES-E-402**

**MSA**  
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UNIVENT REPLACEMENT AT  
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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  
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SEALING PLANT  
BROOKLAND COUNTY

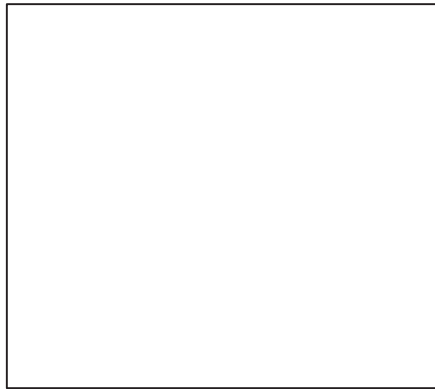
Mechanical  
& Electrical  
Engineer:

**GREENMAN  
PEDERSEN, INC**  
2 EXECUTIVE BOULEVARD  
STONY POINT, NY 10981  
PROJ. No. : MNY-5000086.00

Structural  
Engineer:

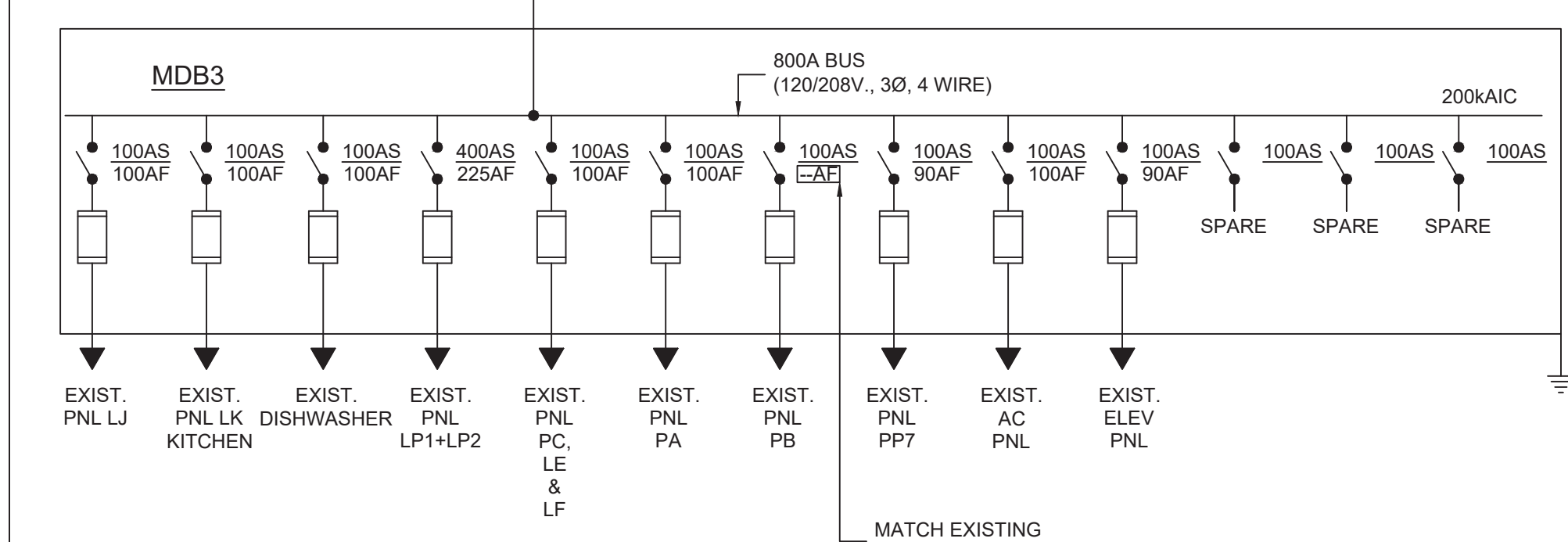
**GREENMAN  
PEDERSEN, INC**  
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Project No. 43040  
Scale  
Date 03-04-25



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LIGHTING FIXTURE SCHEDULE					
MARK	FIXTURE WATTAGE	LOCATION	MANUFACTURER CATALOG NUMBER	VOLTAGE	REMARKS
A1	34W	CORRIDOR	SIGNIFY 2CAX-G-38L-835-2-DS-UNV-DIM	120V	2' X 2' RECESSED LED SOFT LIGHT
A1E	34W	CORRIDOR	SIGNIFY 2CAX-G-38L-835-2-DS-UNV-DIM-BSL10LST	120V	2' X 2' RECESSED LED SOFT LIGHT WITH INTEGRAL 90 MIN. BATTERY BACK UP
T1E	32W	ELECTRICAL ROOM	ORACLE 4-OIW-LED-4000L-DIM10-MVOLT-35K-85-0-EMG-LED-10W	120V	4' INDUSTRIAL LED WRAP AROUND WITH INTEGRAL 90 MIN. BATTERY BACK UP

<u>ABBREVIATIONS</u>	
MDB	MAIN DISTRIBUTION BOARD
AS	AMPERE SWITCH
AF	AMPERE FUSE
SW	SWITCH
EX.	EXISTING
FOR ALL OTHER ABBREVIATIONS REFER DWG E001	

DIST. BOARD: <u>MDB3</u>		VOLT: <u>120/208v, 3Ø, 4w.</u>			LOC. <u>ELEC. RM.</u>	
MOUNTING: <u>FLOOR</u>		AMP	RATING	<u>800A</u>	MAIN: <u>M.L.O</u>	
DESIGN AMP: <u>430</u>		AIC	RATING	<u>200KA</u>	TYPE: <u>NEW</u>	
*INDICATES ESTIMATED CONNECTED LOAD OF CKT						
CIRCUIT No.	LOAD SVD	POLES	SWITCH	FUSE	LOAD	FEEDERS
1	EXIST PNL LJ*	3	100	100	40	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
2	EXIST PNL LK*	3	100	100	10	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
3	EXIST DISHWASH*	3	100	100	40	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
4	EXIST PNL LPI+LP2*	3	400	225	100	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 1)
5	EXIST PNL* PC, LE, LF	3	100	100	40	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
6	EXIST PNL PA*	3	100	100	30	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
7	EXIST PNL PB*	3	100	MATCH EXIST BREAKER	40	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
8	EXIST PNL PP7*	3	100	90	40	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
9	EXIST AC PNL*	3	100	100	50	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
10	EXIST ELEV PNL*	3	100	90	40	MATCH EXIST. & EXTEND FEEDER FROM EXIST. SWITCHGEAR IN BASEMENT TO THIS CKT. (NOTE 2)
11	SPARE	3	100			
12	SPARE	3	100			
13	SPARE	3	100			
14	SPARE	3	100			

DIST. BOARD: <u>MDB2</u>		VOLT: <u>120/208y, 3Ø, 4W, LOC. NEW ELEC. RM.</u>				
MOUNTING: <u>FLOOR</u>		AMP	RATING <u>1600A</u>	MAIN: <u>COUPLED WITH</u>		
DESIGN AMP: <u>1059</u>		AIC	RATING <u>200KA</u>	TYPE: <u>NEW</u>		
		<u>MDB1</u>				
CIRCUIT No.	LOAD SVD	POLES	SWITCH	FUSE	LOAD	FEEDERS
1	RTU-1	3	100	90	74	3#3/0+1#6G IN 2"C
2	RTU-2 CKT-1	3	200	125	110	3#1+1#6G IN 1 1/2"C
3	RTU-2 CKT-2	3	100	70	42	5#4+1#8G IN 1 1/4"C
4	RTU-3 CKT-1	3	200	110	110	3#1/0+1#6G IN 2"C
5	RTU-3 CKT-2	3	100	70	42	5#4+1#8G IN 1 1/4"C
6	ACCU-1A CKT-1	3	60	60	49	3#3/0+1#6G IN 2"C
7	ACCU-1A CKT-2	3	60	60	41	3#2/0+1#6G IN 2"C
8	ACCU-2 CKT-1	3	60	60	49	3#1+1#6G IN 1 1/2"C
9	ACCU-2 CKT-2	3	60	60	49	3#1+1#6G IN 1 1/2"C
10	ACCU-3A CKT-1	3	60	60	49	3#1+1#6G IN 1 1/2"C
11	ACCU-3A CKT-2	3	60	45	44	3#2+1#8G IN 1 1/2"C
12	ACCU-4 CKT-1	3	60	45	44	3#2+1#8G IN 1 1/2"C
13	ACCU-4 CKT-2	3	60	45	31	3#2+1#8G IN 1 1/2"C
14	ACCU-5 CKT-1	3	60	45	31	3#2+1#8G IN 1 1/2"C
15	ACCU-5 CKT-2	3	60	45	31	3#2+1#8G IN 1 1/2"C
16	MP1	3	100	100	70	4#1/0+1#6G IN 2"C
17	ACCU-1B CKT-1	3	60	60	49	3#2/0+1#6G IN 2"C
18	ACCU-1B CKT-2	3	60	60	41	3#2/0+1#6G IN 2"C
19	ACCU-3B	3	60	45	31	5#4+1#8G IN 1 1/4"C
20	ACCU-6 CKT-1	3	60	60	41	3#1/0+1#6G IN 2"C
21	ACCU-6 CKT-2	3	60	45	31	3#1+1#6G IN 1 1/2"C
22	SPARE	3	60			

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<p><b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUITE 202 SPRING, NY 10981 PH: 845-230-0088</p>	<p><b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUITE 202 SPRING, NY 10981</p>
<p>Mechanical &amp; Electrical Engineer:</p>	<p>Structural Engineer:</p>

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

The image shows the branding for Michael Shulale Architects, LLP. On the left, the company name is written in a bold, sans-serif font, stacked vertically: "Michael Shulale Architects, LLP". To the right of the text is a large, stylized logo consisting of a solid black circle followed by a solid black triangle. Below the company name, the address "140 Park Avenue New York, NY 10058" and the phone number "Tel 845-708-9500" are listed. At the bottom, the website "www.msha.com" is provided. The entire content is enclosed in a thin black rectangular border.