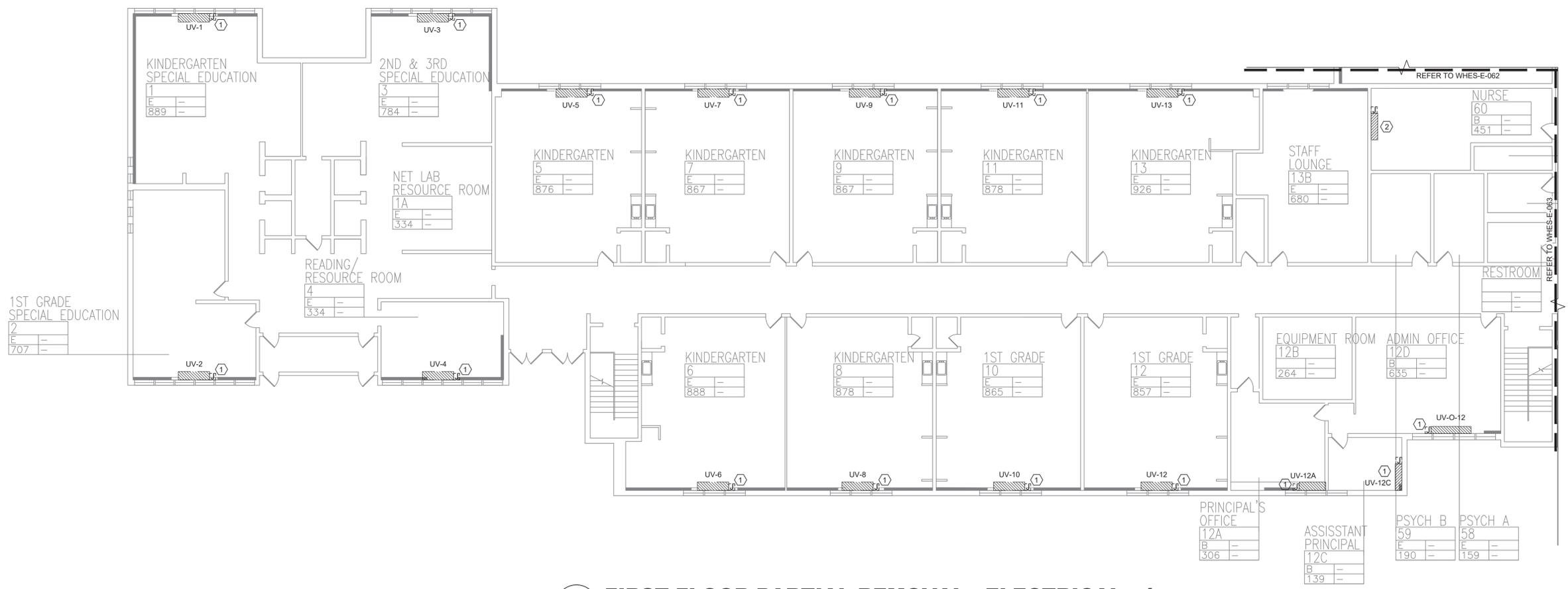
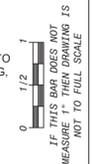


**REMOVAL NOTES:**

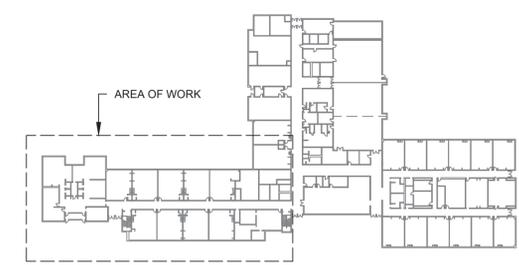
- FOR ELECTRICAL SYMBOLS & LEGENDS, GENERAL NOTES AND ABBREVIATIONS DRAWING LIST REFER TO DWG E001.00
- MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY DEMOLITION.
- THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH THE SCHOOLS FIELD REPRESENTATIVE AND THE FACILITY.
- 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 AND REMOVE POWER TO EXISTING WALL HUNG UNIT ALONG WITH ALL ASSOCIATED WIRING, CONDUIT AND JUNCTION BOXES BACK TO SOURCE. THE EXISTING WALL HUNG UNIT SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.



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



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

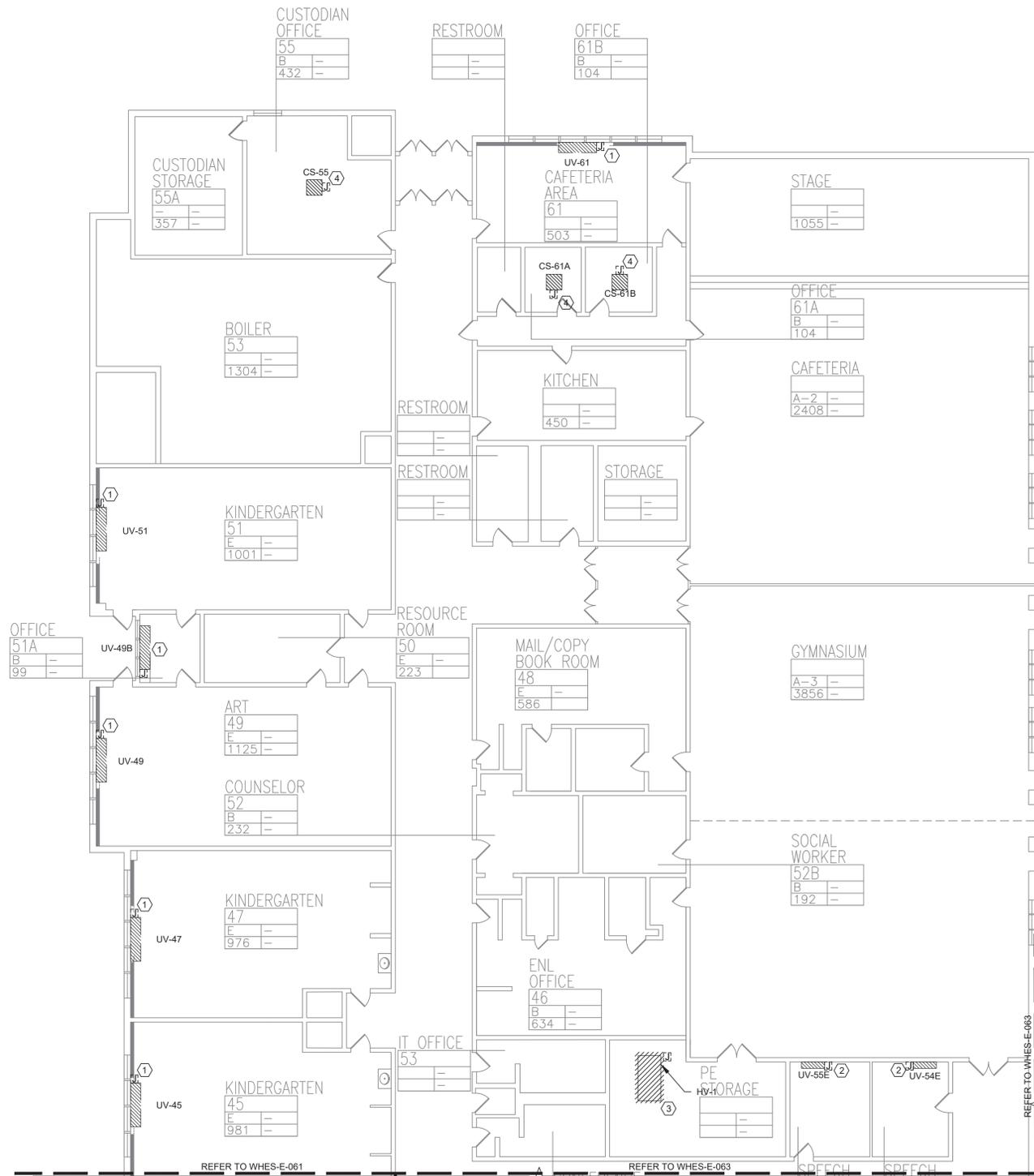
<b>GREENMAN PEDERSEN, INC</b> MECHANICAL ELECTRICAL ENGINEER PROJ. NO. : NY-500157.00	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL ENGINEER PROJ. NO. : NY-500157.00
---	--

**UNVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAV ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-XXX  
 SED# 50-02-01-06-0-025-XXX  
 SED# 50-02-01-06-0-024-XXX  
 NY STATE ENGINEERING BOARD  
 REGISTERED PROFESSIONAL ENGINEERS  
 MICHAEL SHILALE ARCHITECTS, L.L.P.

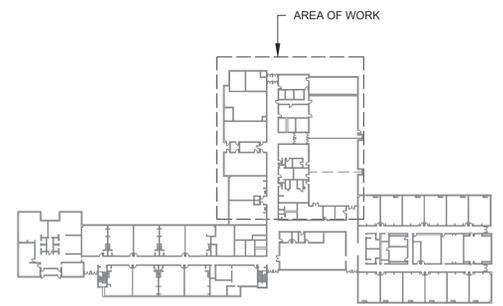


Drawing Title <b>FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 1</b>	Drawing No. <b>WHES-E-061</b>
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**1** FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 2  
SCALE: 3/32"=1'-0"



KEY PLAN

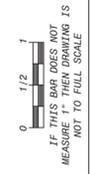


**REMOVAL NOTES:**

- 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 AND REMOVE POWER TO EXISTING UNIT VENTILATOR ALONG WITH ALL ASSOCIATED WIRING, CONDUIT AND JUNCTION BOXES BACK TO SOURCE. THE EXISTING UNIT VENTILATOR SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE POWER TO EXISTING H.V. BLOWER ALONG WITH ALL ASSOCIATED WIRING, CONDUIT AND JUNCTION BOXES BACK TO SOURCE. THE EXISTING H.V. BLOWER 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

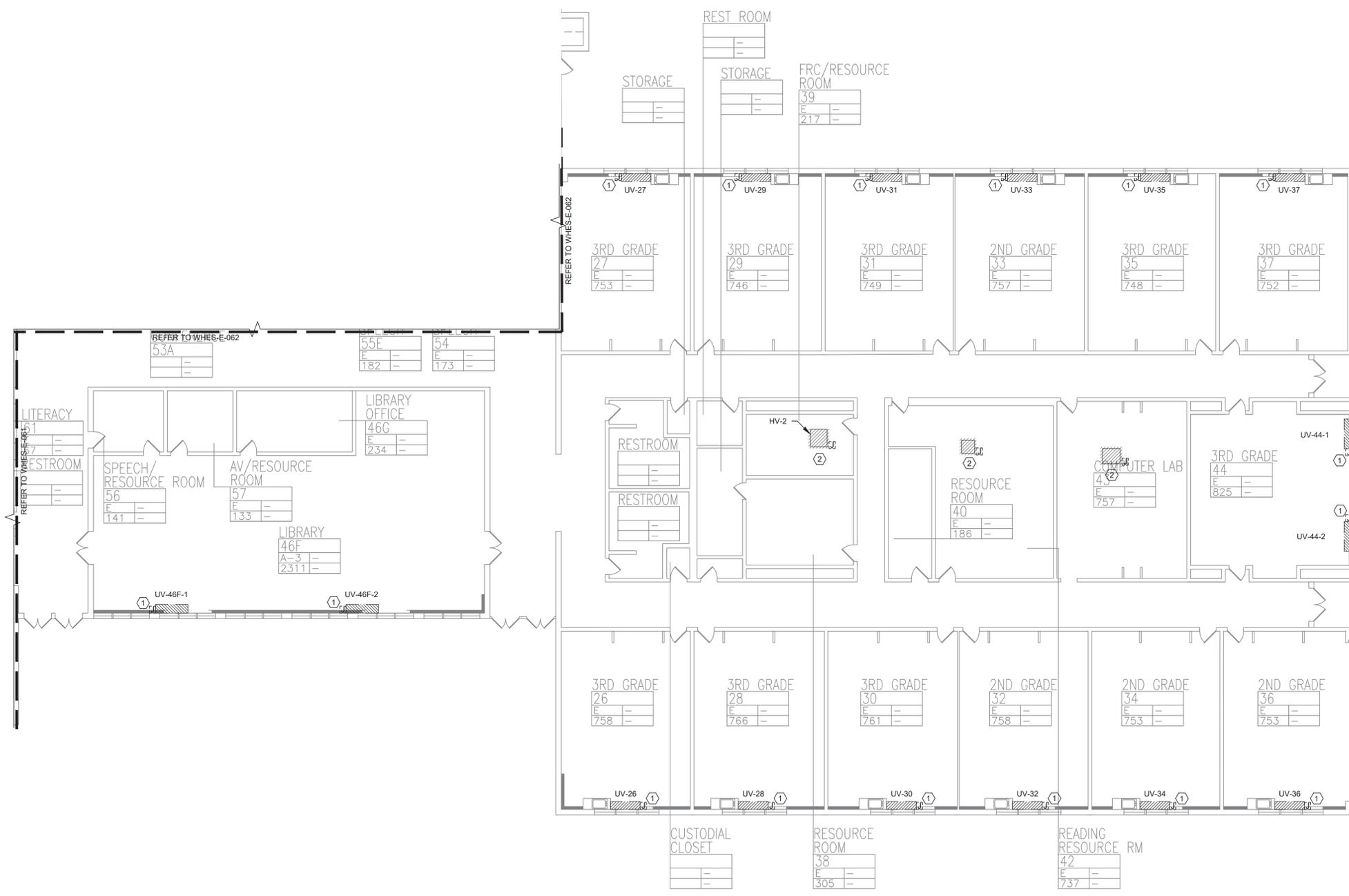
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901 PROJ. NO. : MNY-000127.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901
Mechanical Electrical Engineer:	Structural Engineer:

**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAV ELEMENTARY SCHOOL**  
 SSD# 50-02-01-06-0-014-XXX  
 SSD# 50-02-01-06-0-025-XXX  
 SSD# 50-02-01-06-0-024-XXX  
 NEW YORK STATE EDUCATION DEPARTMENT  
 HARRISBURG, NY 10993



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 Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 2**  
 Drawing No.  
**WHES-E-062**



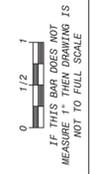
**1 FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 3**  
 SCALE: 3/32"=1'-0"

**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 AND REMOVE POWER TO H.V. BLOWER ALONG WITH ALL ASSOCIATED WIRING, CONDUIT AND JUNCTION BOXES BACK TO SOURCE. THE EXISTING H.V. BLOWER 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-500157-00	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL ENGINEER PROJ. NO. : NY-1001
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**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAV ELEMENTARY SCHOOL**  
 SSD# 50-02-01-06-0-014-XXX  
 SSD# 50-02-01-06-0-025-XXX  
 SSD# 50-02-01-06-0-024-XXX  
 MICHAEL SHILALE ARCHITECTS, L.L.P.  
 140 PARK AVENUE NEW YORK, NY 10065  
 TEL 845-708-9200  
 WWW.SHILALE.COM



**KEY PLAN**

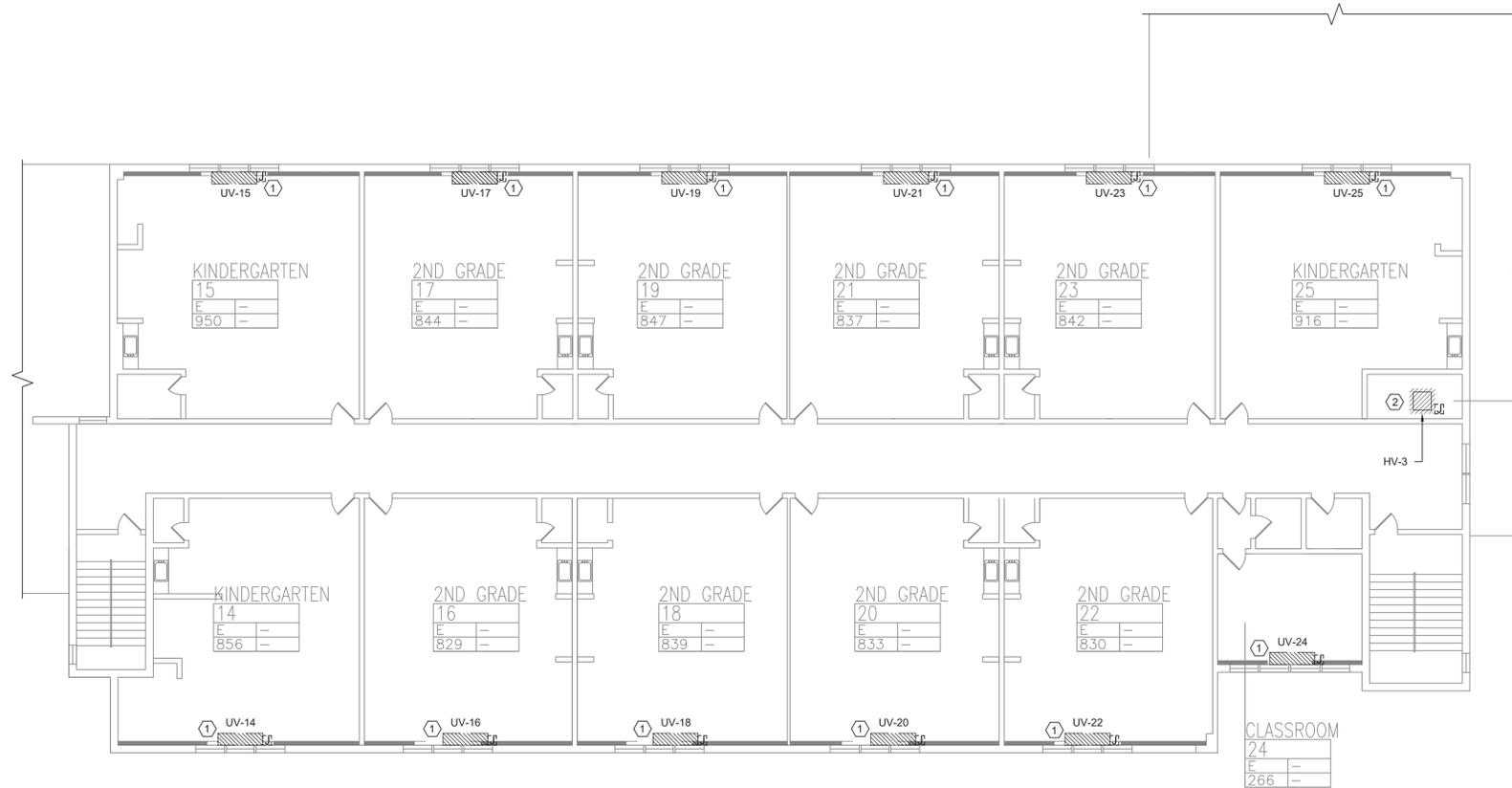


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Drawing Title  
**FIRST FLOOR PARTIAL REMOVAL - ELECTRICAL - 3**

Drawing No.  
**WHES-E-063**





**1 SECOND FLOOR REMOVAL - ELECTRICAL**  
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 AND REMOVE POWER TO H.V. BLOWER ALONG WITH ALL ASSOCIATED WIRING, CONDUIT AND JUNCTION BOXES BACK TO SOURCE. THE EXISTING H.V. BLOWER SHALL BE REMOVED BY THE MECHANICAL CONTRACTOR.



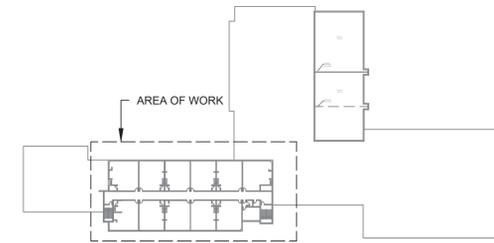
No.	Date	Revisions
1	03-04-25	BIDDING DOCUMENTS



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 SUFFERN, NY 10901 PROJ. NO. : MNY-2000127.00	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901
Mechanical Electrical Engineer:	Structural Engineer:

**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAV ELEMENTARY SCHOOL**  
 SSD# 50-02-01-06-0-014-XXX  
 SSD# 50-02-01-06-0-025-XXX  
 SSD# 50-02-01-06-0-024-XXX  
 MICHAEL SHILALE ARCHITECTS, L.L.P.  
 140 PARK AVENUE NEW YORK, NY 10065



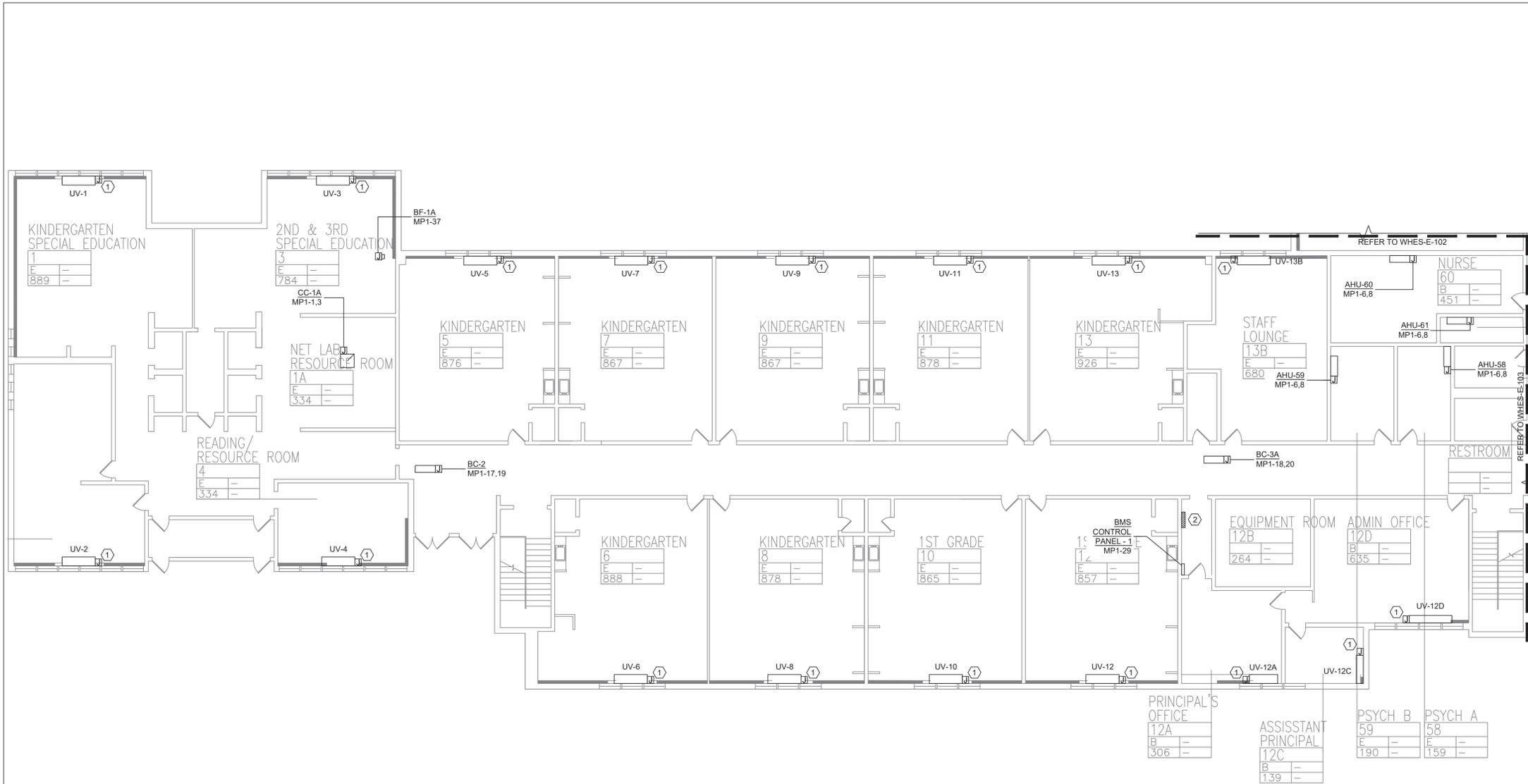
**KEY PLAN**



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Drawing Title  
**SECOND FLOOR REMOVAL - ELECTRICAL**

Drawing No.  
**WHES-E-064**



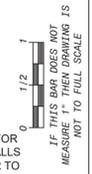
**1 FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 1**  
 SCALE: 3/32"=1'-0"

**PLAN NOTES:**

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

**KEYED NOTES:**

- RECONNECT EXISTING WIRING TO THE NEW UNIT VENTILATORS. EXTEND WIRING & CONDUIT IF NECESSARY.
- PROVIDE AND INSTALL A NEW 100A, 120/208V, 3PH, 4W PANEL MP1. PROVIDE NEW WIRING AND CONDUIT. REFER TO WHES-E-500 FOR PANEL SCHEDULE.



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. : MNY-200127-00 SUFFRINK, NY 10001	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL ENGINEER SUFFRINK, NY 10001
--	--

**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAV, ELEMENTARY SCHOOL**  
 SDD# 50-02-01-06-0-014-XXX  
 SDD# 50-02-01-06-0-025-XXX  
 SDD# 50-02-01-06-0-024-XXX  
 NEW YORK STATE DEPARTMENT OF EDUCATION  
 ALBANY, NY 12242



**KEY PLAN**

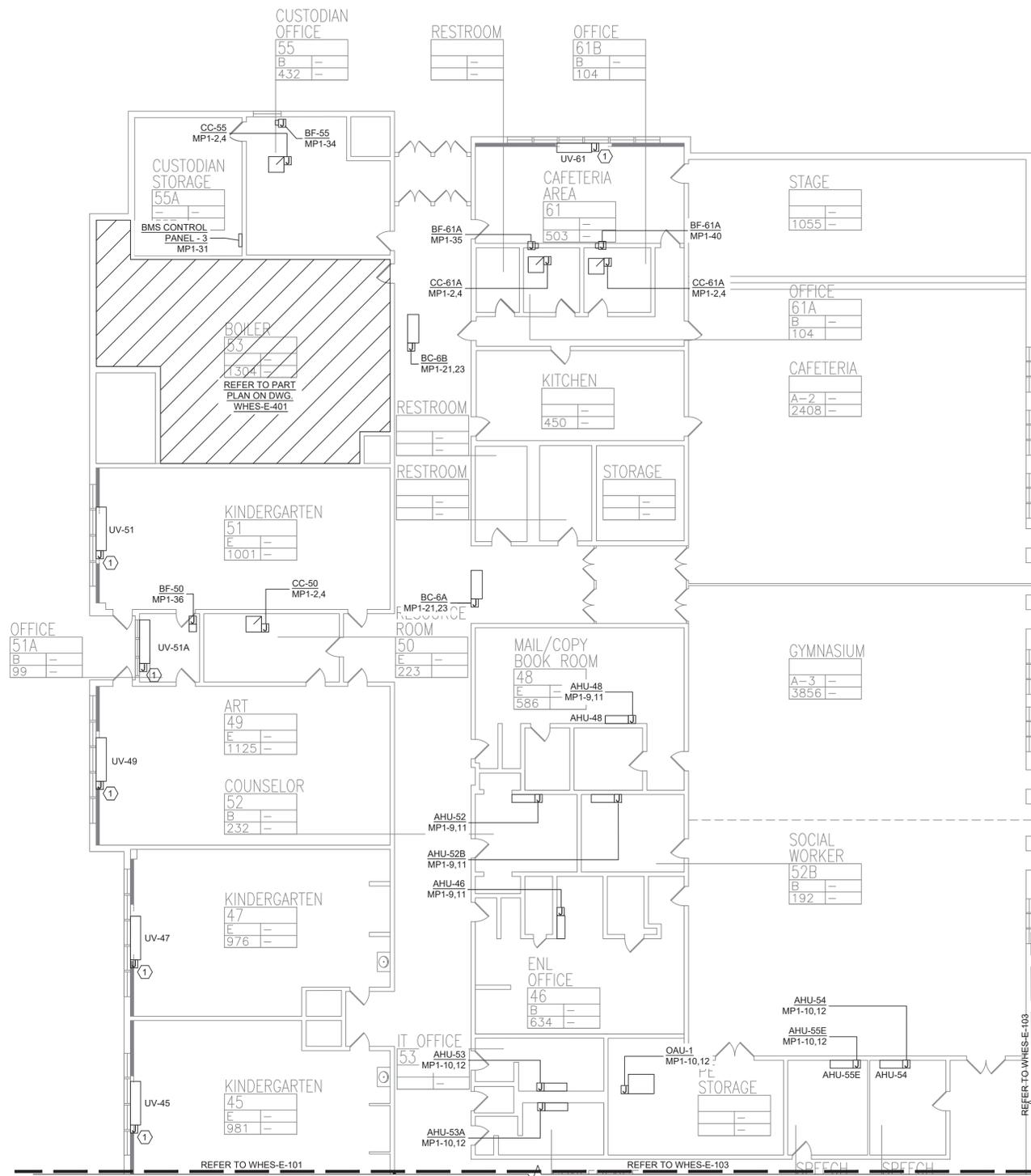


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Drawing Title  
**FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 1**

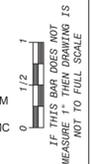
Drawing No.  
**WHES-E-101**



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

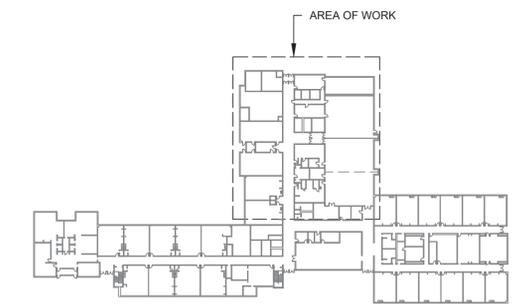
**PLAN NOTES:**

- 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 WHES-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.



**KEYED NOTES:**

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



KEY PLAN



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

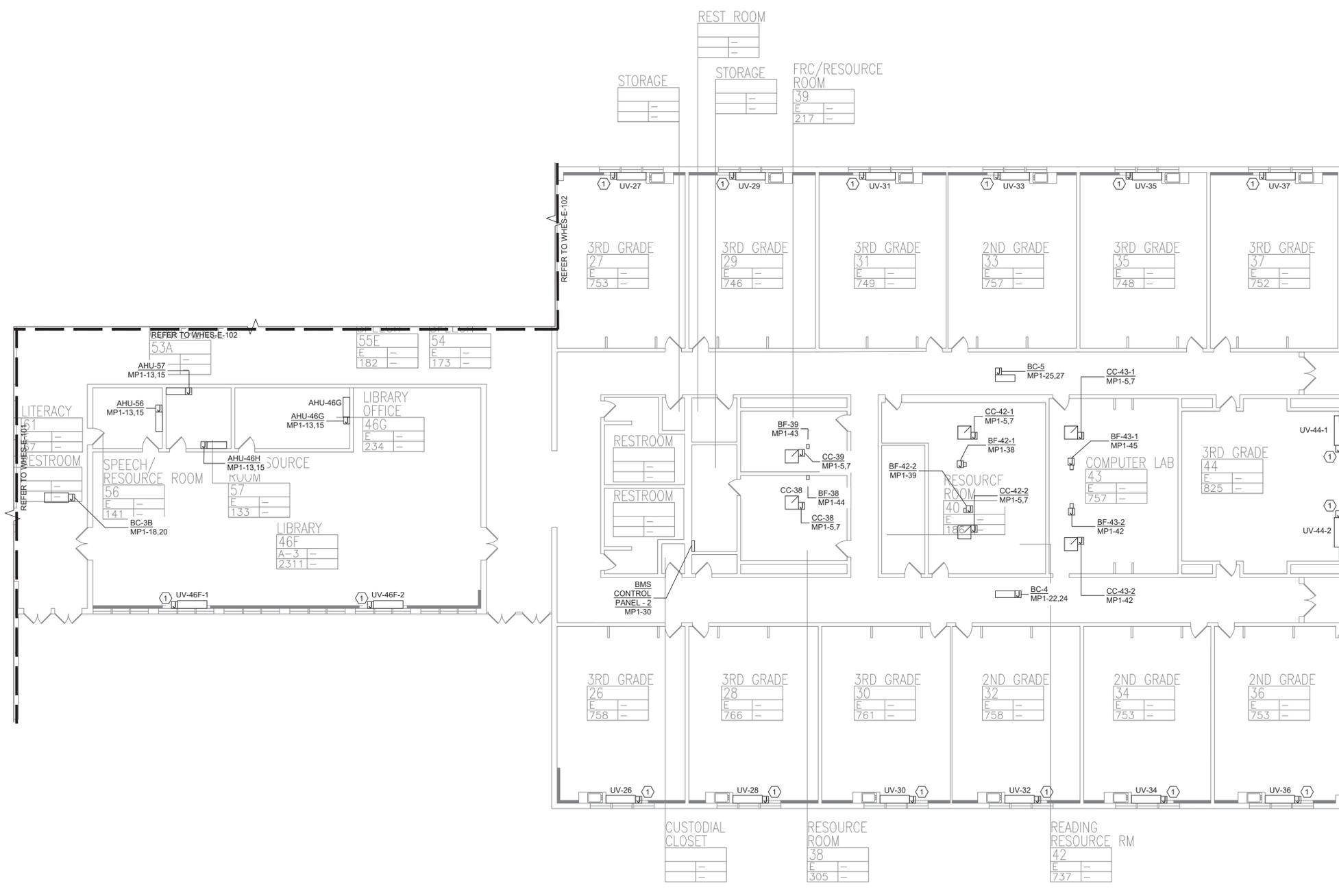
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> MECHANICAL ELECTRICAL ENGINEER PROJ. NO. : 1001-000127.00	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL ENGINEER PROJ. NO. : 1001
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**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAVEN ELEMENTARY SCHOOL**  
 SSD# 50-02-01-06-0-014-XXX  
 SSD# 50-02-01-06-0-025-XXX  
 SSD# 50-02-01-06-0-024-XXX  
 HARRISBURG, NY 10950



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 Drawing Title  
**FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 2**  
 Drawing No.  
**WHES-E-102**



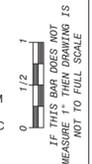
**1 FIRST FLOOR PARTIAL PLAN - ELECTRICAL - 3**  
**SCALE: 3/32"=1'-0"**

**PLAN NOTES:**

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

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 SUFFERN, NY 10981 PROJ. NO. : NY-20018700
Structural Engineer:	<b>GREENMAN PEDERSEN, INC</b> 2 EXECUTIVE BOULEVARD SUFFERN, NY 10981

**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAVEN ELEMENTARY SCHOOL**  
 SSD# 50-02-01-06-0-014-XXX  
 SSD# 50-02-01-06-0-025-XXX  
 SSD# 50-02-01-06-0-024-XXX  
 NY STATE ENGINEERING EXAMINER'S CERTIFICATE NO. 10995  
 HARRISBURG, NY



**KEY PLAN**

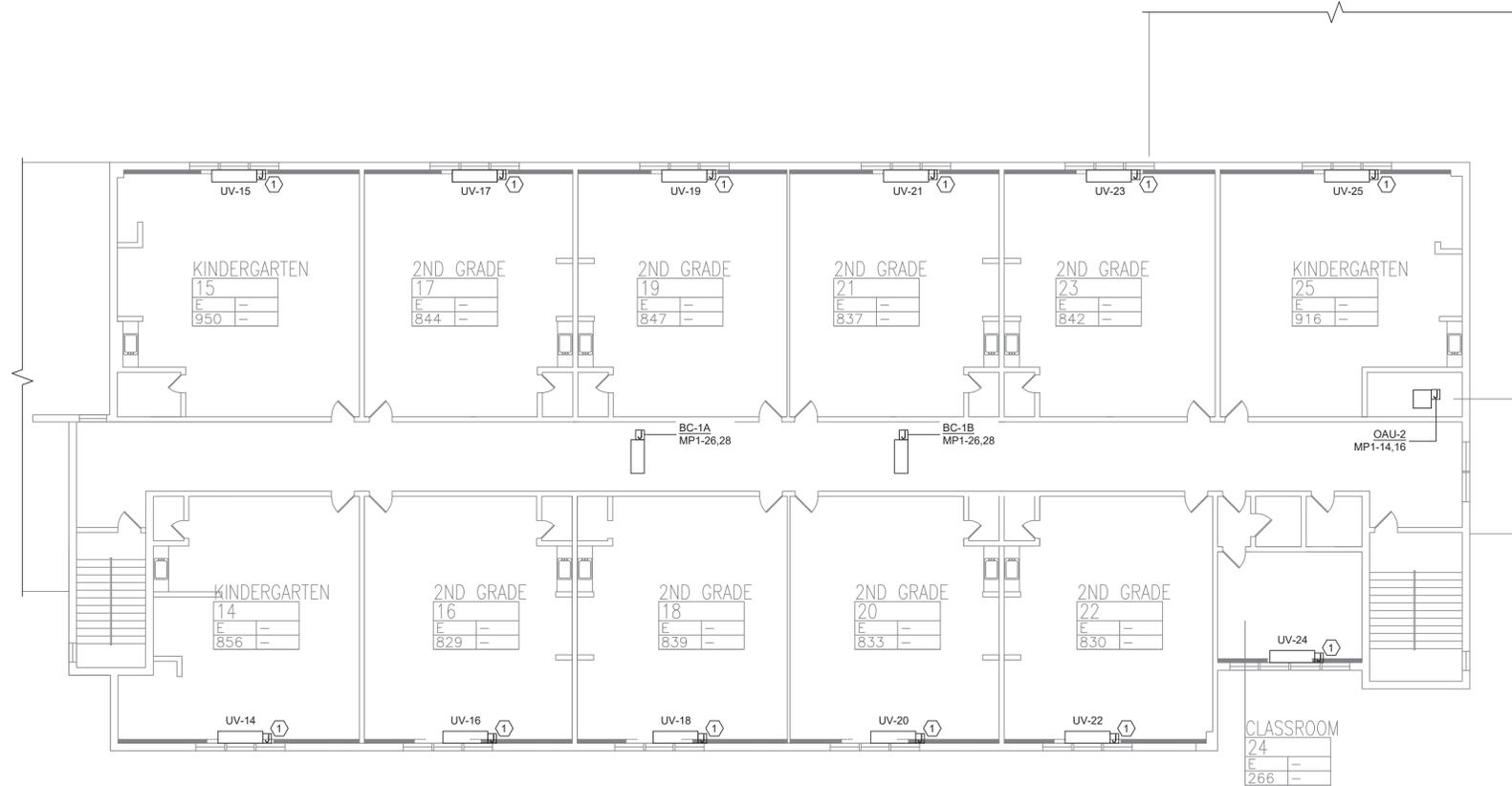


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**MSA**  
 MICHAEL SHILALE ARCHITECTS, L.L.P.  
 140 Park Avenue New City, NY 10956 Tel 845-708-9200  
 www.shilale.com

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

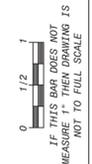
Drawing No.  
**WHES-E-103**



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

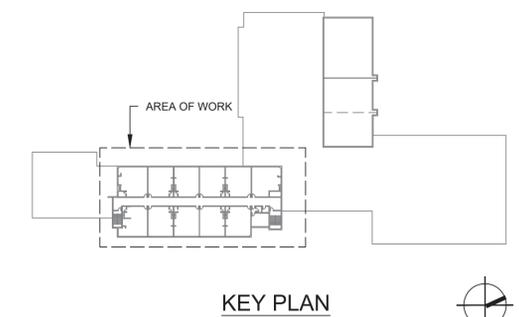
**PLAN NOTES:**

- 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 WHES-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

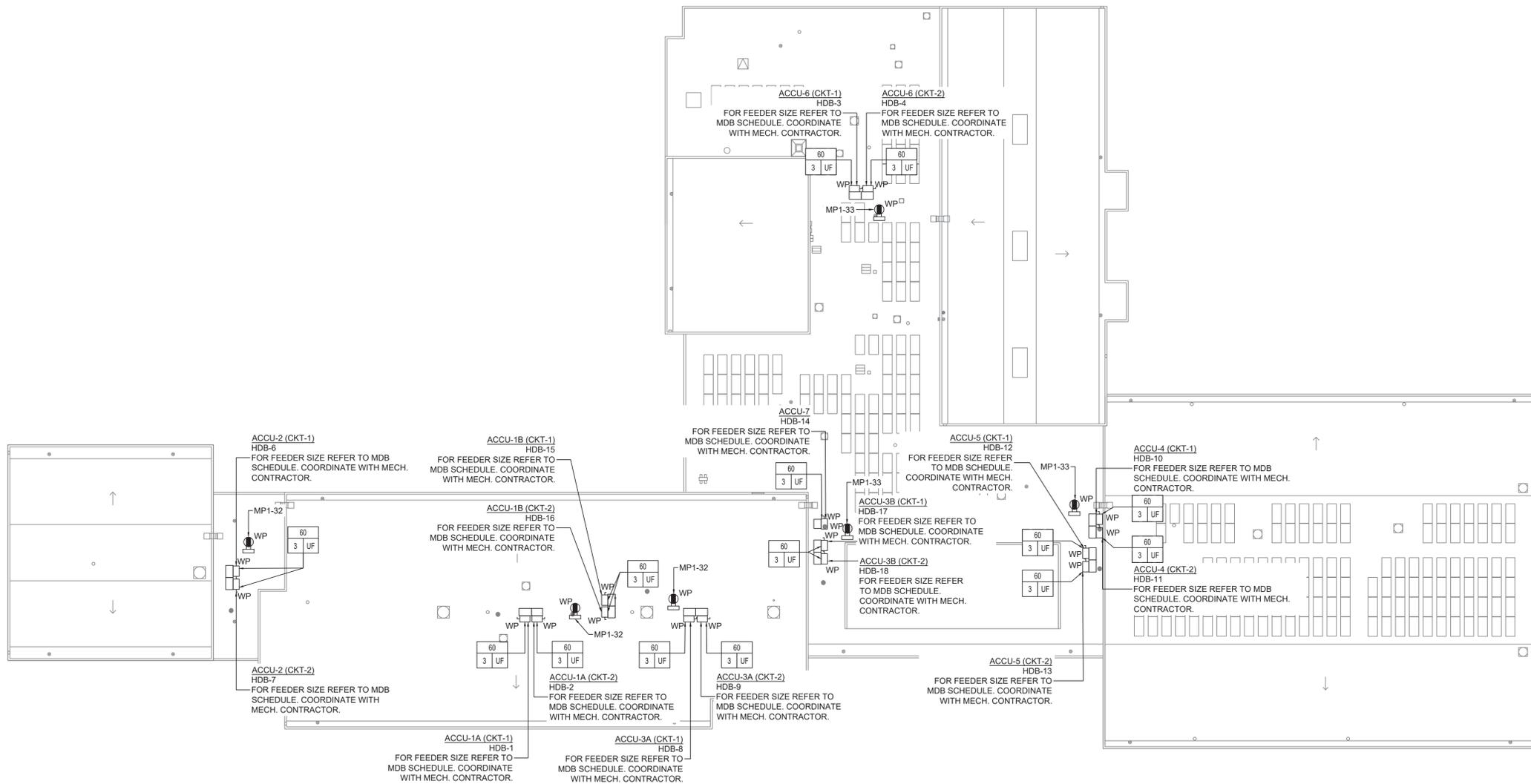
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

Mechanical Electrical Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901 PROJ. NO. : MNY-200127.00
Structural Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUFFERN, NY 10901

**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAVEN ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-XXX  
 SED# 50-02-01-06-0-025-XXX  
 SED# 50-02-01-06-0-024-XXX  
 MICHAEL SHILALE ARCHITECTS, L.L.P.  
 140 PARK AVENUE NEW YORK, NY 10065



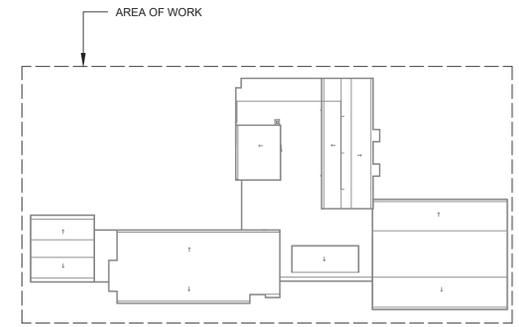
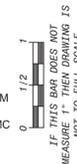
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 Drawing Title  
**SECOND FLOOR PLAN - ELECTRICAL**  
 Drawing No.  
**WHES-E-104**



**1 ROOF PLAN - ELECTRICAL**  
SCALE: 3/64"=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 WHES-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 FINISH AND FINISH THE WALLS TO MATCH THE SURROUNDING WALLS OF THE AREA.



**KEY PLAN**



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

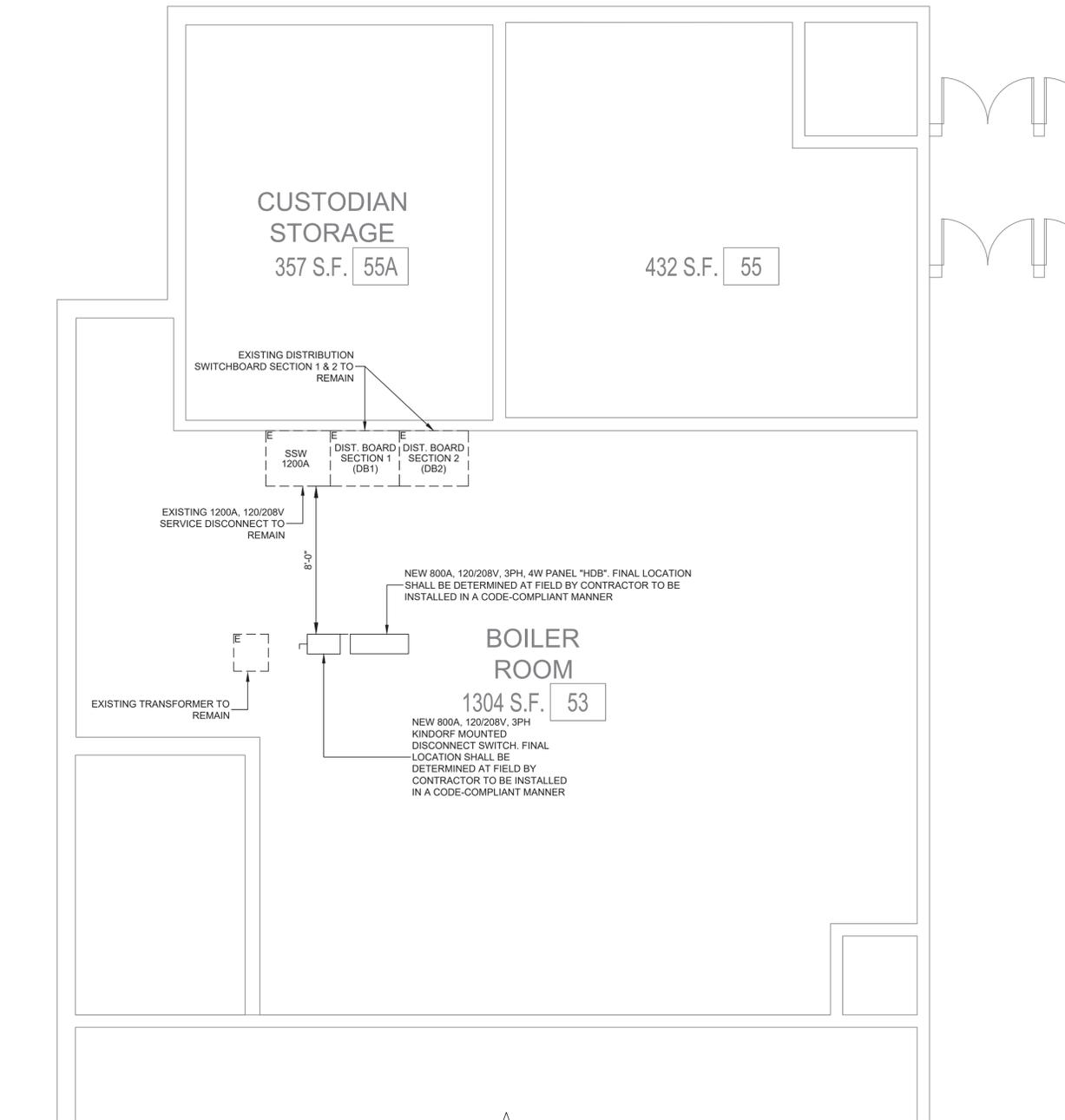
Drawn by	DK/KD
Checked by	SH
Project No.	43040
Scale	AS NOTED
Date	03-04-25

<b>GREENMAN PEDERSEN, INC</b> MECHANICAL ELECTRICAL ENGINEER 1000 SUFFOLK, NY 10001 PH: 516-224-1100 FAX: 516-224-1101	<b>GREENMAN PEDERSEN, INC</b> STRUCTURAL ENGINEER 1000 SUFFOLK, NY 10001
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**UNIVENT REPLACEMENT AT STONY POINT, THIELS, WEST HAV ELEMENTARY SCHOOL**  
 SED# 50-02-01-06-0-014-XXX  
 SED# 50-02-01-06-0-025-XXX  
 SED# 50-02-01-06-0-024-XXX  
 MICHAEL SHILALE ARCHITECTS, L.L.P.  
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Drawing Title <b>ROOF PLAN - ELECTRICAL</b>
Drawing No. <b>WHES-E-105</b>



**1 BOILER ROOM PART PLAN - ELECTRICAL**  
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 SPARE CONDUITS SHALL BE INSTALLED WITH DRAG LINES.



**KEY PLAN**



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

**GREENMAN PEDERSEN, INC**  
2 EXECUTIVE BOULEVARD  
SUFFERN, NY 10901  
PROJ. NO. : MNY-200127.00

Mechanical Electrical Engineer:  
Structural Engineer:

**UNIVENT REPLACEMENT AT STONY POINT, THIELLS, WEST HAVEN ELEMENTARY SCHOOL**  
SSD# 50-02-01-06-0-014-XXX  
SSD# 50-02-01-06-0-025-XXX  
SSD# 50-02-01-06-0-024-XXX  
NEW YORK STATE ARCHITECTURAL BOARD  
MICHIGAN, NY 10993



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Drawing Title  
**BOILER ROOM PART PLAN - ELECTRICAL**  
Drawing No.  
**WHES-E-401**

